

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006818.D
 Acq On : 12 Nov 2018 20:21
 Operator : SY/AP
 Sample : J5860-06MSD
 Misc : 4.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Manual Integrations
 APPROVED

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 11/13/2018 3:55:56 PM

Quant Time: Nov 13 03:15:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	303482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	407609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	233882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109444	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	7.89	113	114728	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
50) Toluene-d8	10.33	98	488080	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.62	95	185561	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	123154	49.155	ug/l	100
3) Chloromethane	2.21	50	149900	53.071	ug/l	99
4) Vinyl Chloride	2.36	62	159321	52.547	ug/l	99
5) Bromomethane	2.78	94	113783	55.781	ug/l	99
6) Chloroethane	2.92	64	99240	50.723	ug/l	99
7) Trichlorofluoromethane	3.26	101	198052	49.486	ug/l	99
8) Diethyl Ether	3.69	74	66031	56.225	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	127294	46.906	ug/l	100
10) Methyl Iodide	4.28	142	200250	52.649	ug/l	100
11) Tert butyl alcohol	5.21	59	41913	287.805	ug/l	99
12) 1,1-Dichloroethene	4.04	96	112985	49.288	ug/l	95
13) Acrolein	3.90	56	34288	225.119	ug/l	95
14) Allyl chloride	4.68	41	155407	51.544	ug/l	100
15) Acrylonitrile	5.38	53	139917	314.587	ug/l	99
16) Acetone	4.15	43	96281	302.187	ug/l	99
17) Carbon Disulfide	4.39	76	375399	51.783	ug/l	99
18) Methyl Acetate	4.68	43	89442	82.067	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	319732	58.750	ug/l	99
20) Methylene Chloride	4.92	84	159060	55.399	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	132575	49.039	ug/l	97
22) Diisopropyl ether	6.32	45	345095	55.113	ug/l	99
23) Vinyl Acetate	6.26	43	841409	238.364	ug/l	98
24) 1,1-Dichloroethane	6.23	63	212821	51.248	ug/l	99
25) 2-Butanone	7.18	43	163744	303.889	ug/l	98
26) 2,2-Dichloropropane	7.17	77	195092	46.691	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	147416	51.147	ug/l	99
28) Bromochloromethane	7.52	49	73881	50.861	ug/l	98
29) Tetrahydrofuran	7.54	42	106761	309.606	ug/l	99
30) Chloroform	7.68	83	234444	51.705	ug/l	99
31) Cyclohexane	7.96	56	204413	48.087	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	219574	50.168	ug/l	99
36) 1,1-Dichloropropene	8.09	75	193150	50.637	ug/l	99
37) Ethyl Acetate	7.26	43	73945	59.284	ug/l	98
38) Carbon Tetrachloride	8.07	117	201745	48.663	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	240286	48.554	ug/l	98
40) Benzene	8.33	78	555598	52.382	ug/l	100
41) Methacrylonitrile	7.49	41	47010	61.382	ug/l	97
42) 1,2-Dichloroethane	8.40	62	153030	53.851	ug/l	100
43) Isopropyl Acetate	8.43	43	144248	59.464	ug/l	99
44) Trichloroethene	9.10	130	166491	49.747	ug/l	97
45) 1,2-Dichloropropane	9.37	63	131626	53.245	ug/l	98
46) Dibromomethane	9.46	93	75048	54.539	ug/l	99
47) Bromodichloromethane	9.65	83	181901	53.295	ug/l	98
48) Methyl methacrylate	9.44	41	72871	61.271	ug/l	96
49) 1,4-Dioxane	9.47	88	24388	1173.080	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	389244	320.007	ug/l	99
52) Toluene	10.39	92	401982	53.459	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	189048	56.263	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	217490	54.586	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	114388	56.020	ug/l	98
56) Ethyl methacrylate	10.65	69	131817	58.904	ug/l	99
57) 1,3-Dichloropropane	10.93	76	184888	57.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	318355	284.044	ug/l	100
59) 2-Hexanone	10.98	43	276313	329.336	ug/l	99
60) Dibromochloromethane	11.13	129	142497	57.031	ug/l	100
61) 1,2-Dibromoethane	11.24	107	112893	58.214	ug/l	99
64) Tetrachloroethene	10.87	164	160754	49.357	ug/l	97
65) Chlorobenzene	11.66	112	475200	52.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	152743	52.206	ug/l	100
67) Ethyl Benzene	11.74	91	798649	51.957	ug/l	99
68) m/p-Xylenes	11.84	106	650637	103.453	ug/l	99
69) o-Xylene	12.17	106	309458	52.869	ug/l	99
70) Styrene	12.18	104	508567	54.285	ug/l	99
71) Bromoform	12.35	173	91971	57.600	ug/l #	100
73) Isopropylbenzene	12.47	105	828523	51.034	ug/l	99
74) N-amyl acetate	12.28	43	136891	55.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	131965	58.761	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	99314m	58.923	ug/l	
77) Bromobenzene	12.75	156	217739	53.198	ug/l	99
78) n-propylbenzene	12.81	91	963488	50.285	ug/l	100
79) 2-Chlorotoluene	12.90	91	546861	50.871	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	706944	50.654	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	39909	58.569	ug/l	99
82) 4-Chlorotoluene	12.99	91	583580	50.880	ug/l	100
83) tert-Butylbenzene	13.21	119	622233	50.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	732456	51.571	ug/l	100
85) sec-Butylbenzene	13.39	105	869472	49.737	ug/l	100
86) p-Isopropyltoluene	13.51	119	791597	49.783	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	425822	51.046	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	425121	51.510	ug/l	100
89) n-Butylbenzene	13.83	91	703575	48.417	ug/l	100
90) Hexachloroethane	14.10	117	127958	50.292	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	387963	53.404	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21715	60.395	ug/l	98

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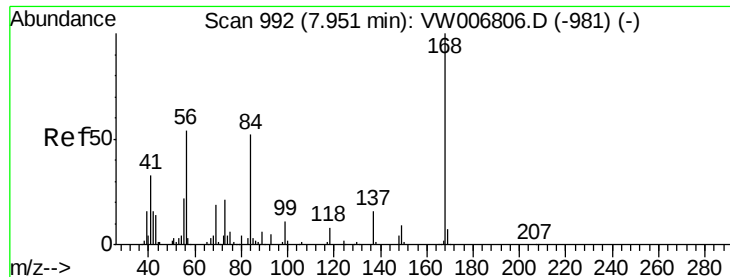
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	281377	51.301	ug/l	100
94) Hexachlorobutadiene	15.24	225	162456	46.744	ug/l	99
95) Naphthalene	15.38	128	496364	60.510	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	250460	53.212	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006818.D

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Tgt Ion:168 Resp: 303482

Ion Ratio Lower Upper

168 100

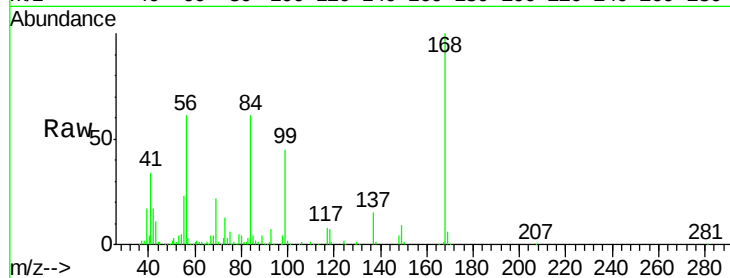
99 45.1 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

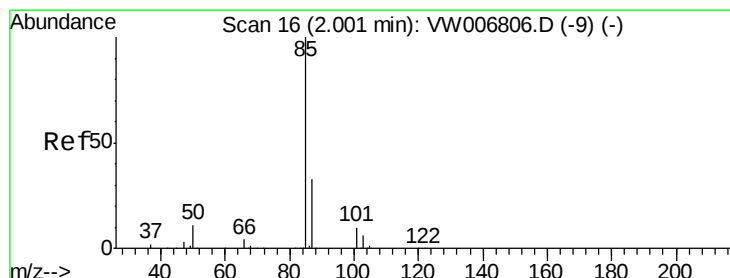
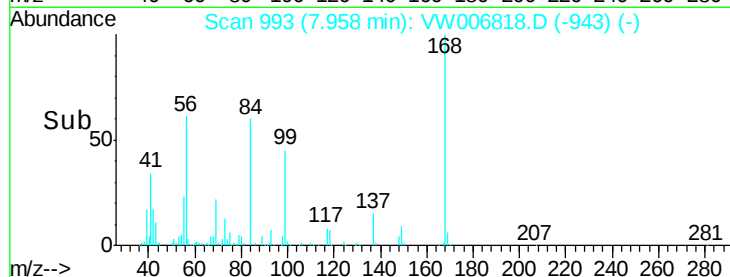
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.155 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006818.D

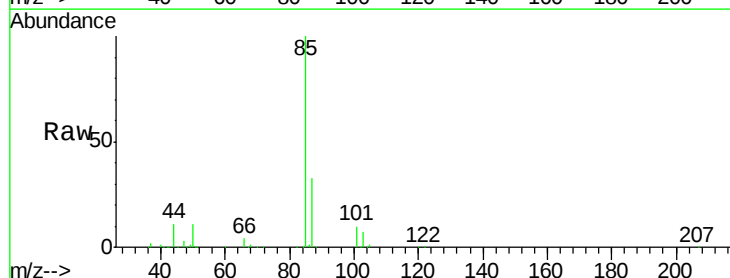
Acq: 12 Nov 2018 20:21

Tgt Ion: 85 Resp: 123154

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

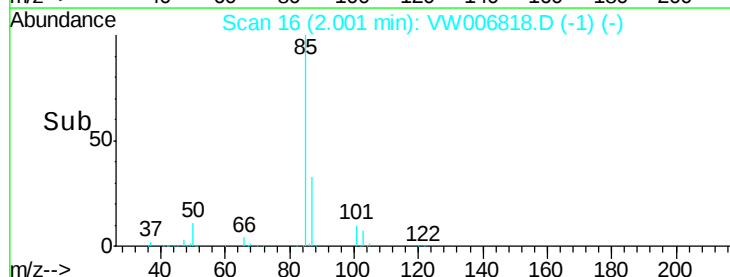
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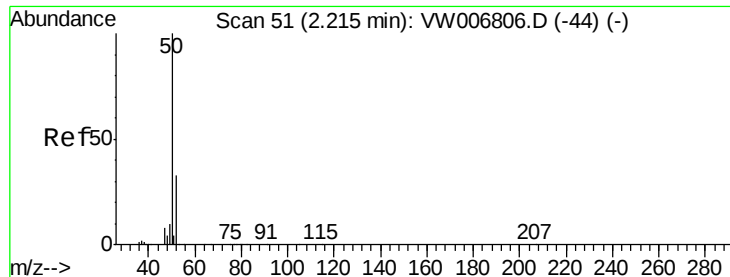
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 53.071 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

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ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion: 50 Resp: 149900

Ion Ratio Lower Upper

50 100

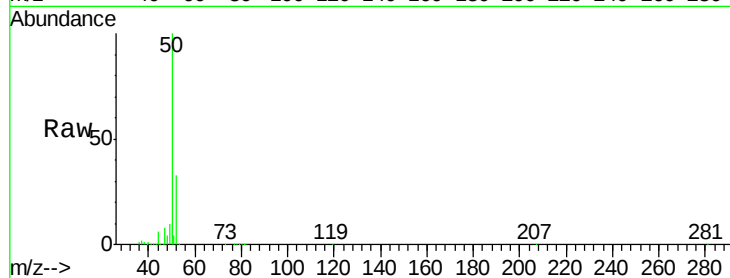
52 33.1 26.2 39.4

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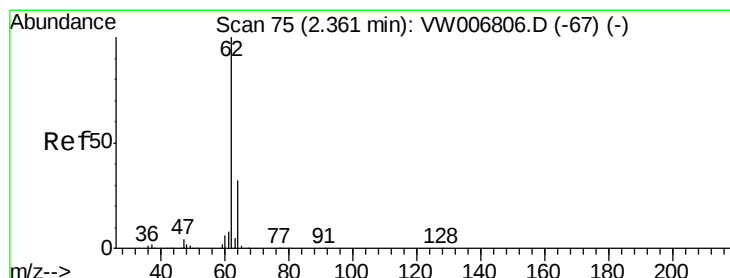
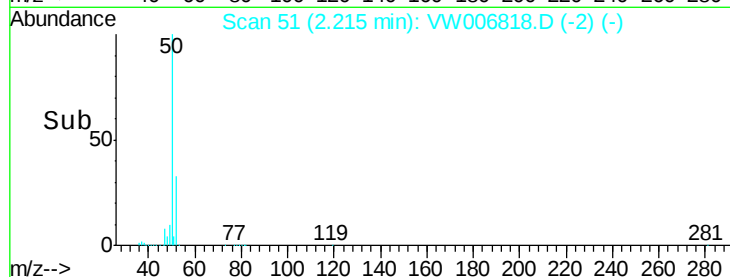
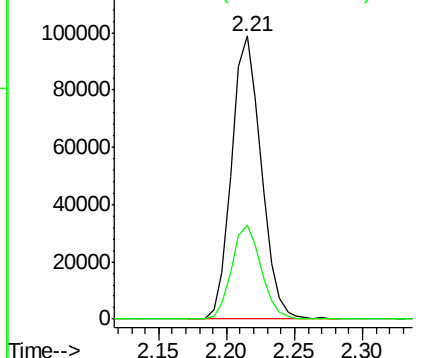
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 52.547 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006818.D

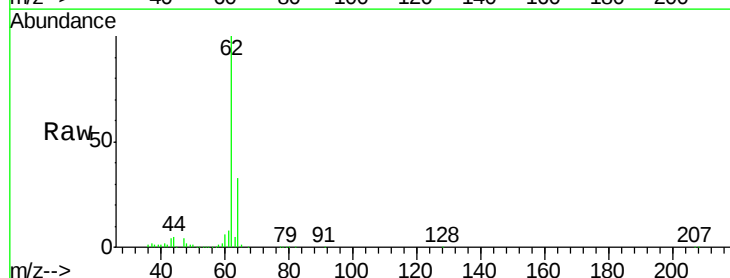
Acq: 12 Nov 2018 20:21

Tgt Ion: 62 Resp: 159321

Ion Ratio Lower Upper

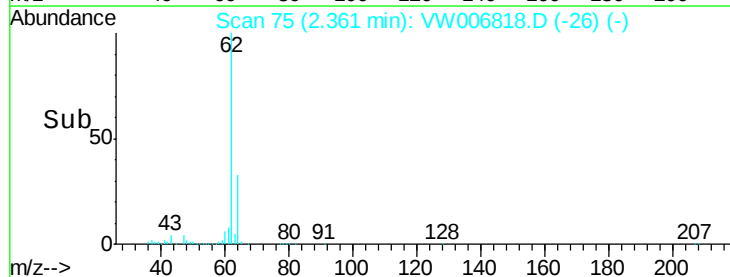
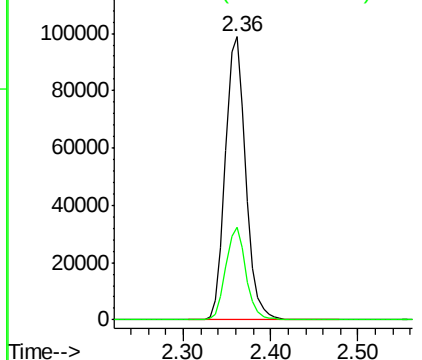
62 100

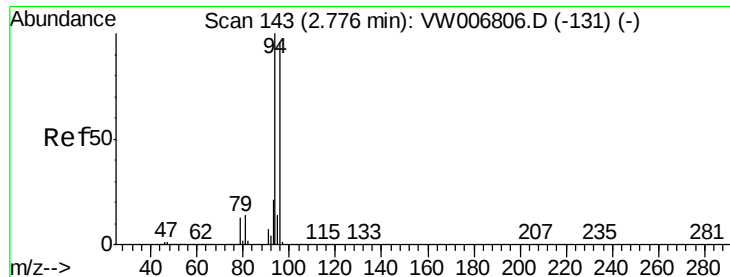
64 32.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 55.781 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

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EP2-SB-104(15-17)MSD

Tgt Ion: 94 Resp: 113783

Ion Ratio Lower Upper

94 100

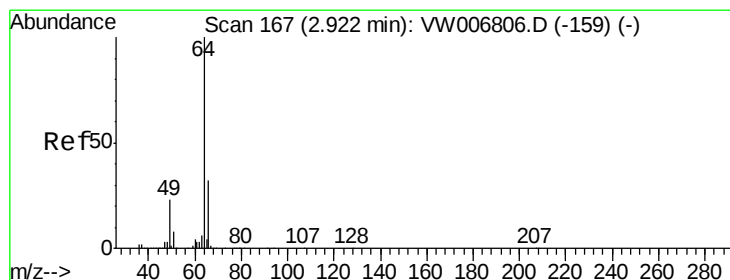
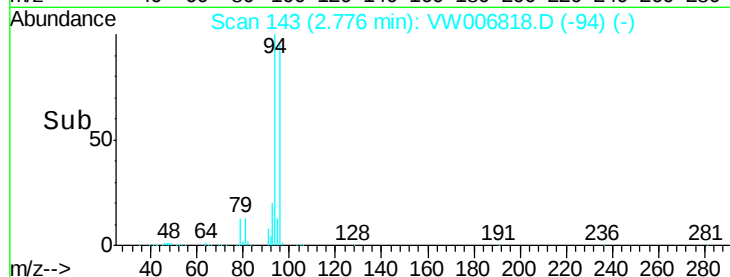
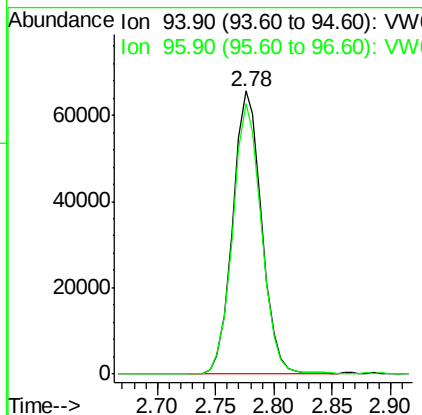
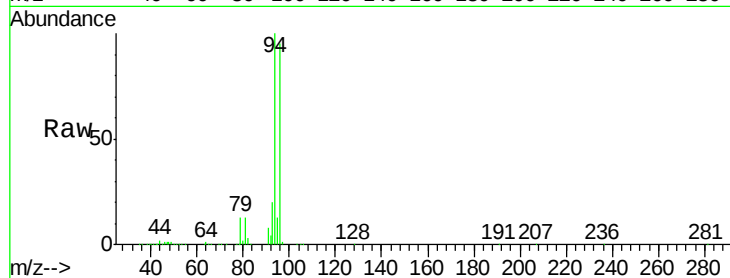
96 95.3 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 50.723 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006818.D

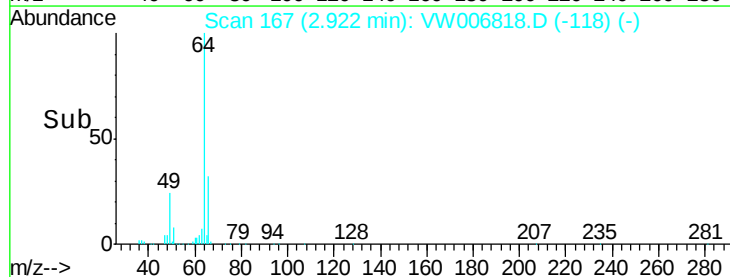
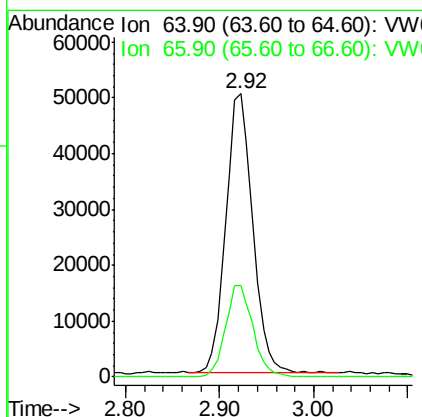
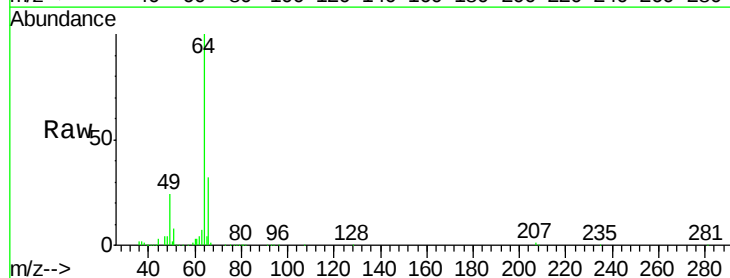
Acq: 12 Nov 2018 20:21

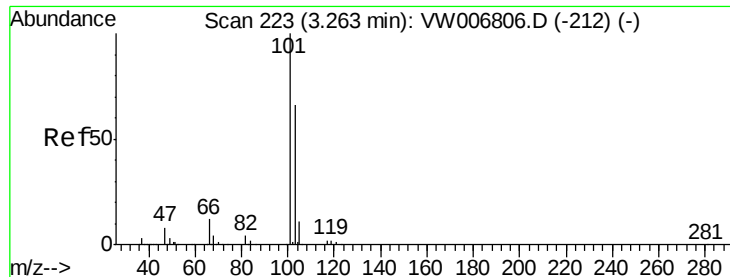
Tgt Ion: 64 Resp: 99240

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

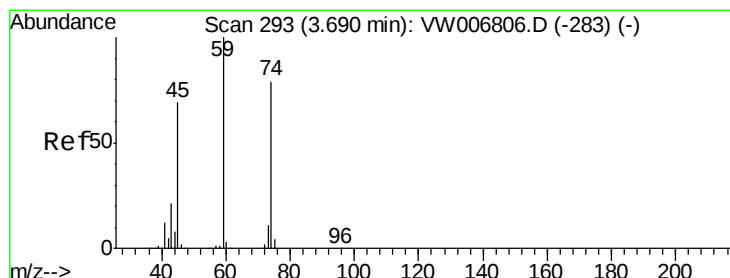
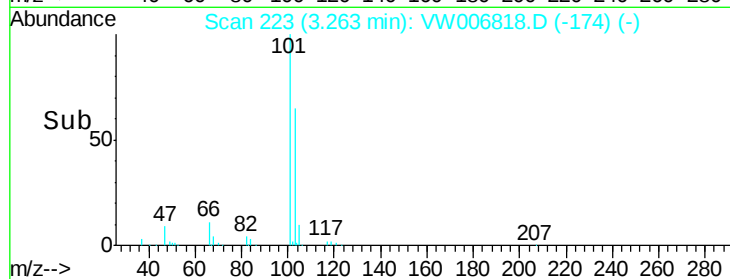
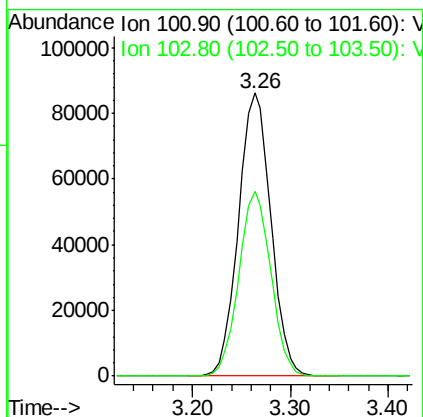
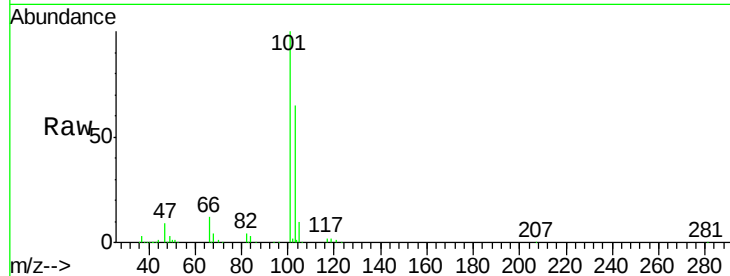
Trichlorofluoromethane
Concen: 49.486 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	198052		
103	65.3	52.6	79.0	

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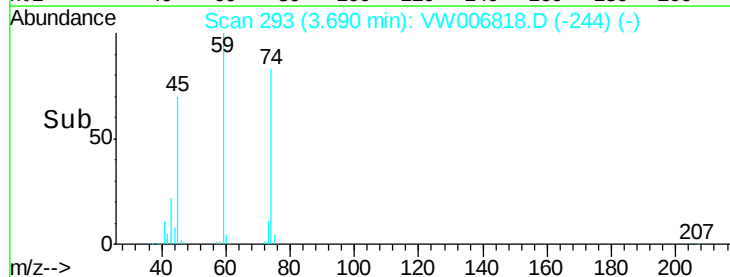
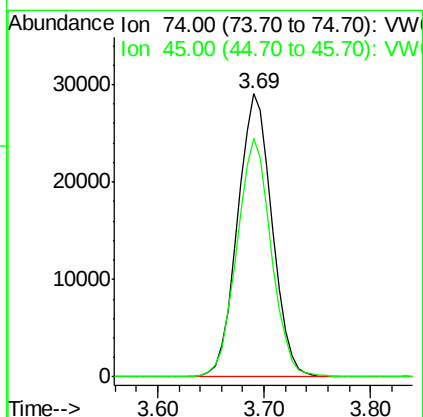
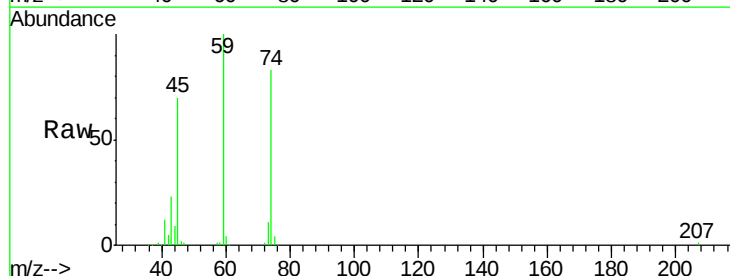
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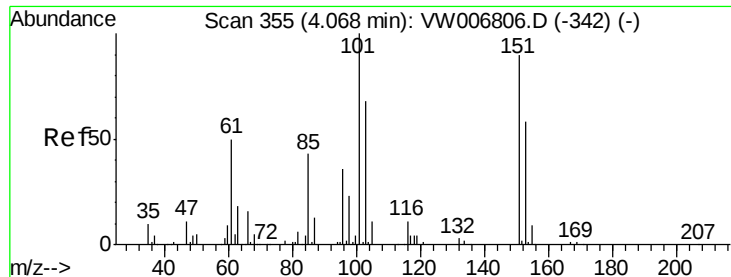


#8

Diethyl Ether
Concen: 56.225 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	66031		
45	84.5	43.1	129.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.906 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

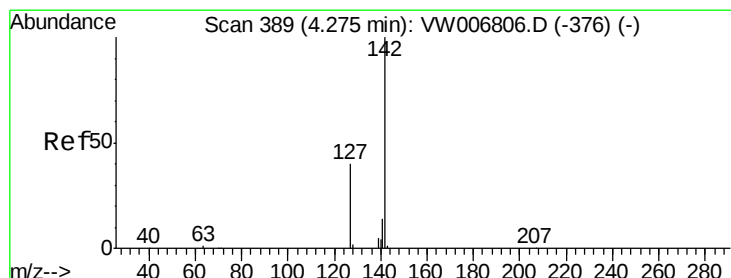
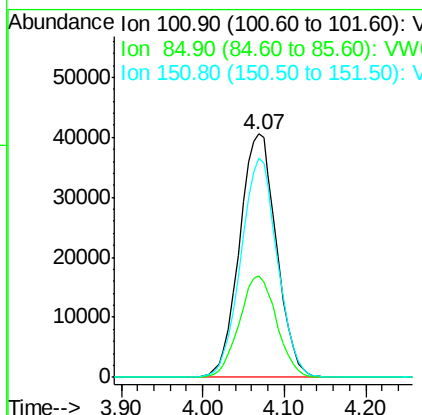
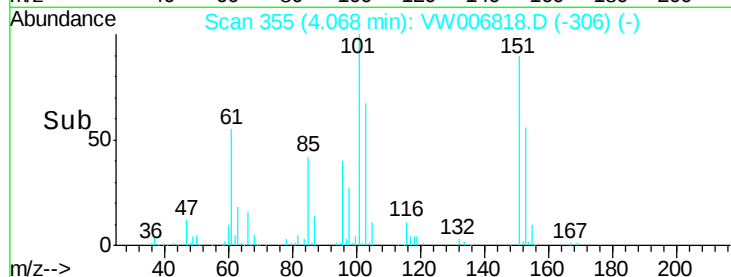
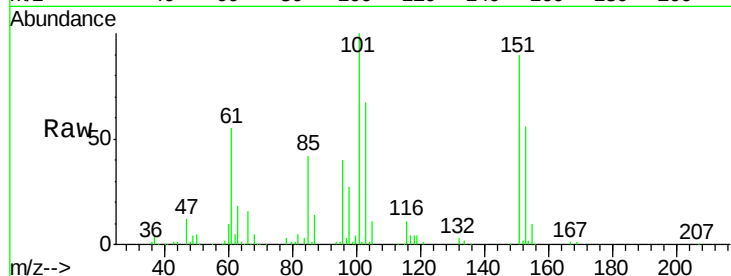
ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion:	101	Resp:	127294
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.8	50.8
151	88.9	71.4	107.0

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#10

Methyl Iodide

Concen: 52.649 ug/l

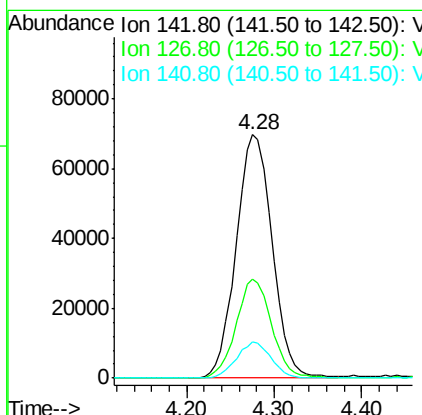
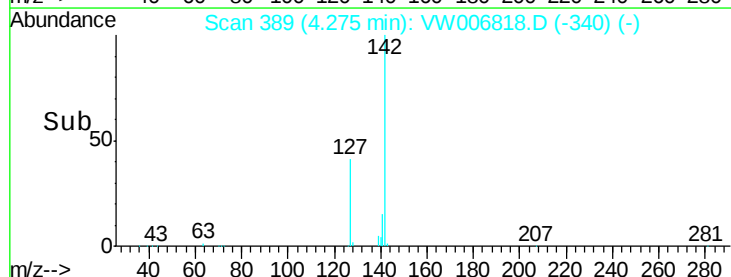
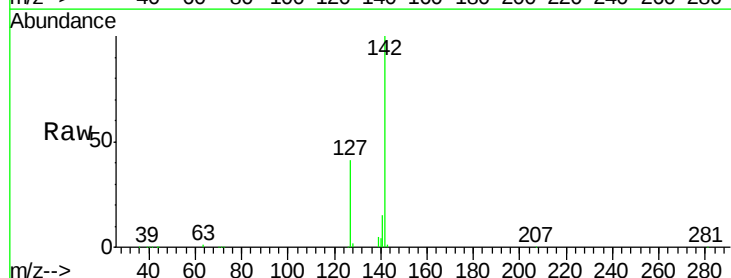
RT: 4.28 min Scan# 389

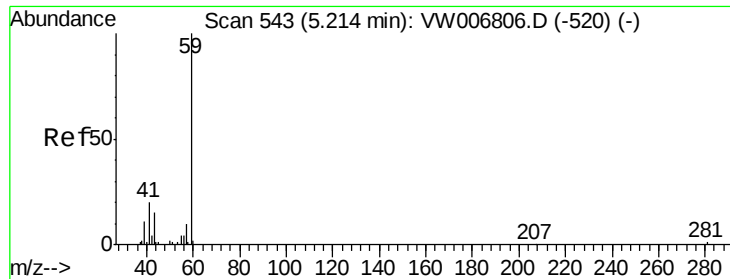
Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Tgt Ion:	142	Resp:	200250
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.8	47.8
141	14.3	11.5	17.3





#11

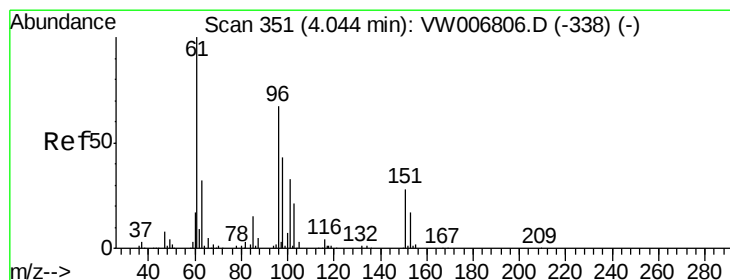
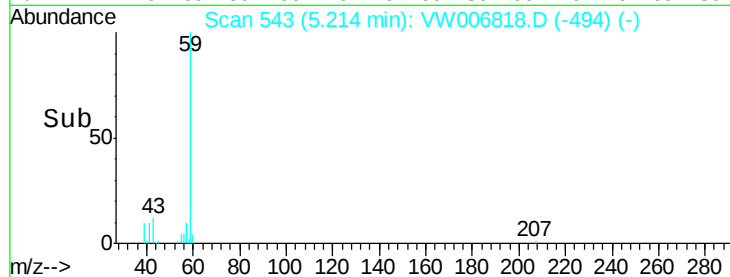
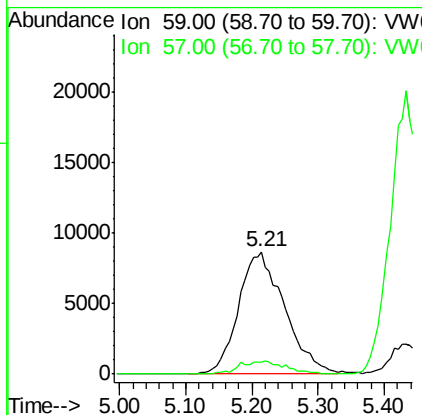
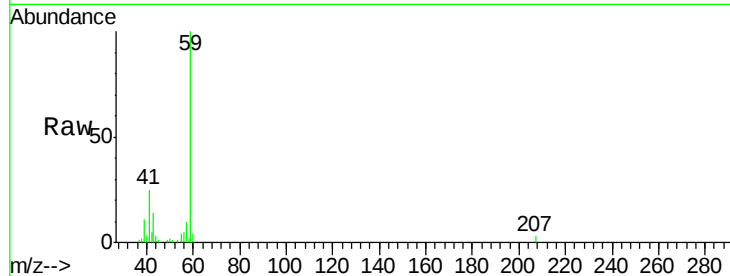
Tert butyl alcohol
Concen: 287.805 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion: 59 Resp: 41913
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

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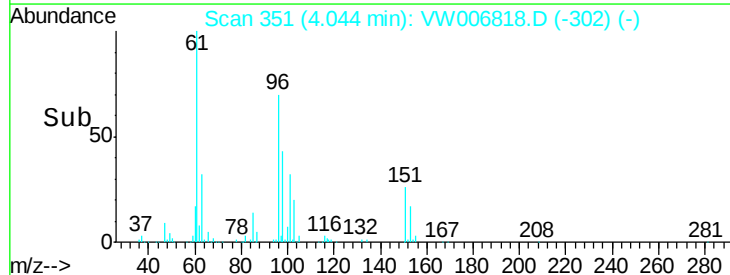
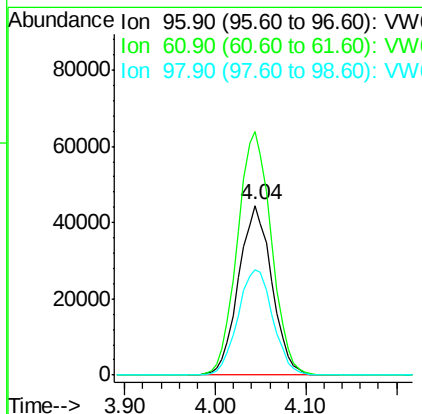
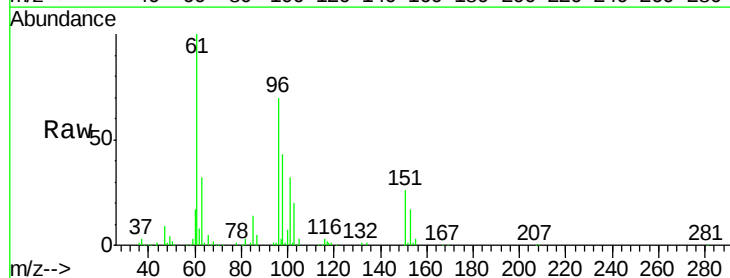
apatel
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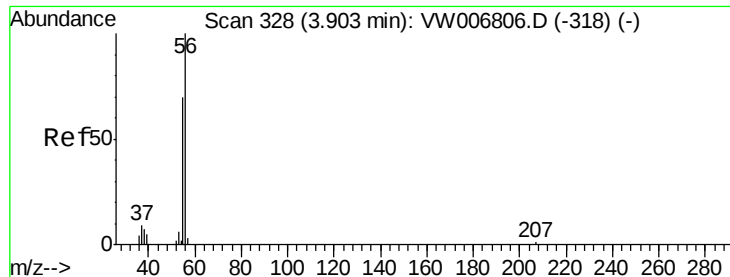


#12

1,1-Dichloroethene
Concen: 49.288 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion: 96 Resp: 112985
Ion Ratio Lower Upper
96 100
61 143.3 119.8 179.6
98 61.7 51.5 77.3





#13

Acrolein

Concen: 225.119 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion: 56 Resp: 34288

Ion Ratio Lower Upper

56 100

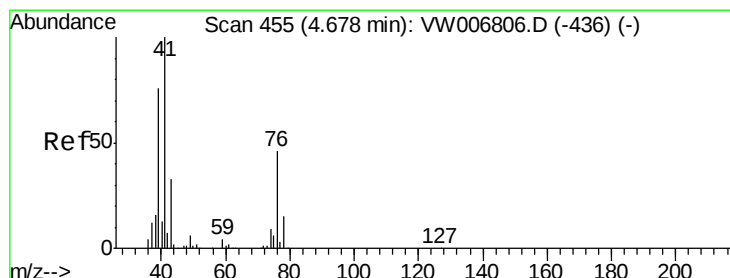
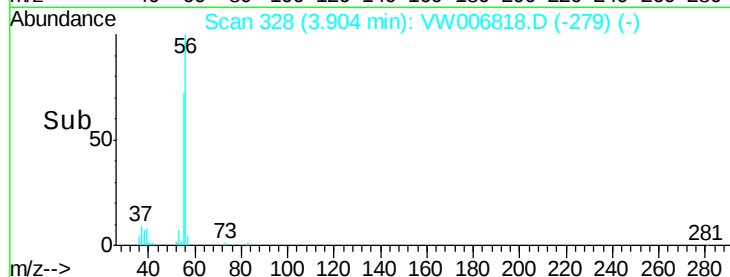
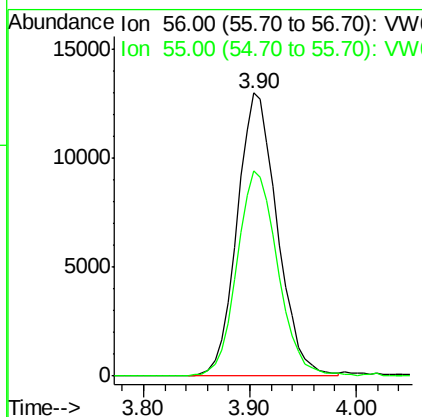
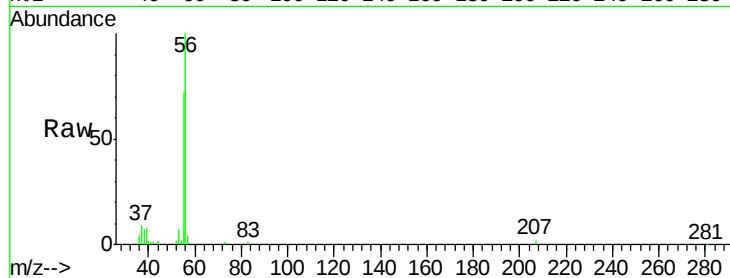
55 73.9 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 51.544 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

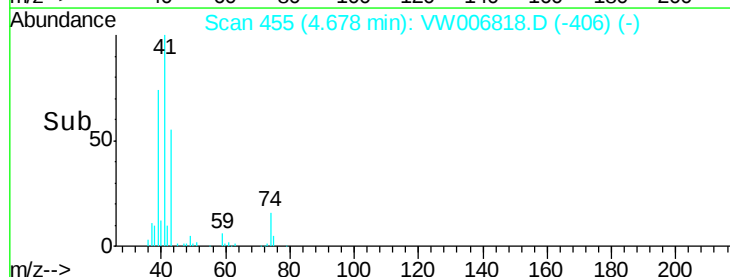
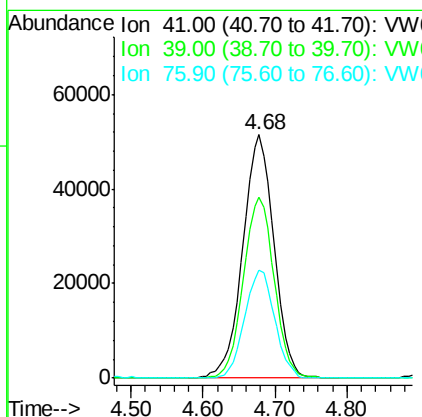
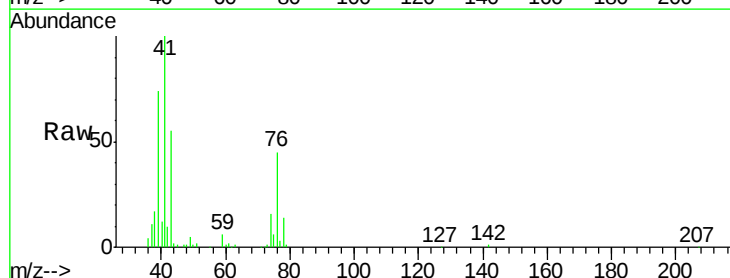
Tgt Ion: 41 Resp: 155407

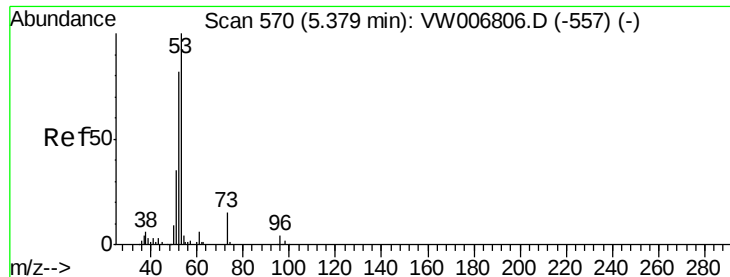
Ion Ratio Lower Upper

41 100

39 73.3 58.9 88.3

76 42.7 34.4 51.6





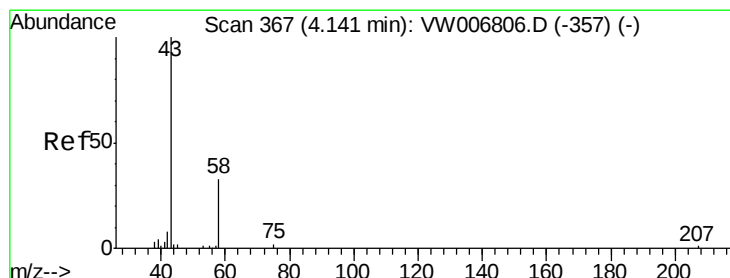
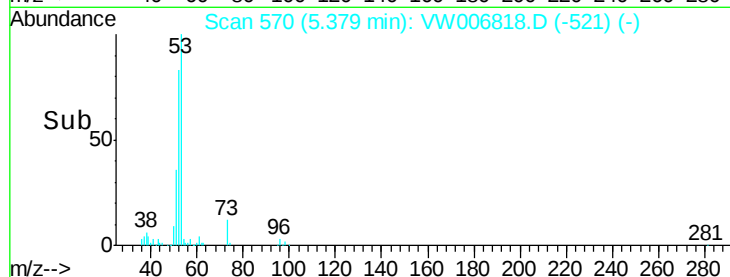
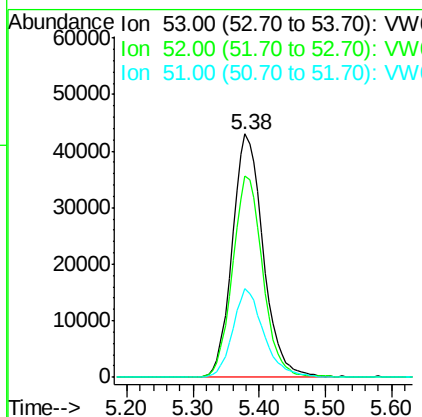
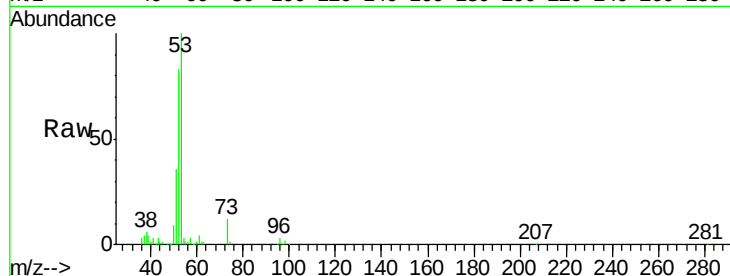
#15
 Acrylonitrile
 Concen: 314.587 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.2	97.8
51	36.6	30.0	45.0

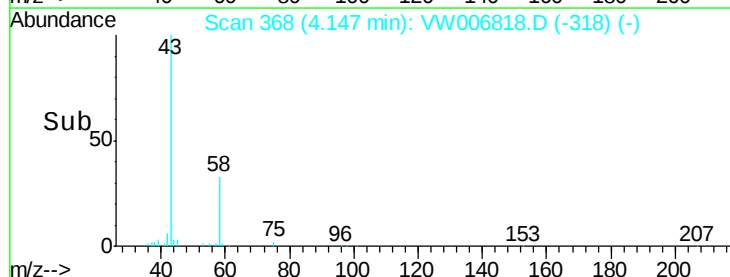
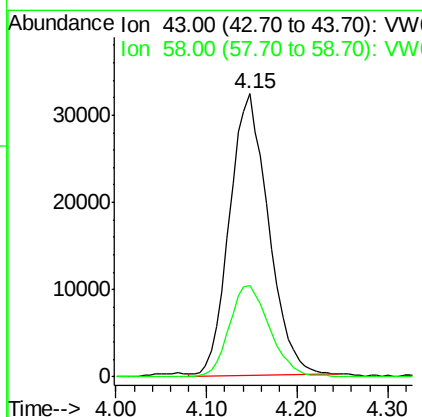
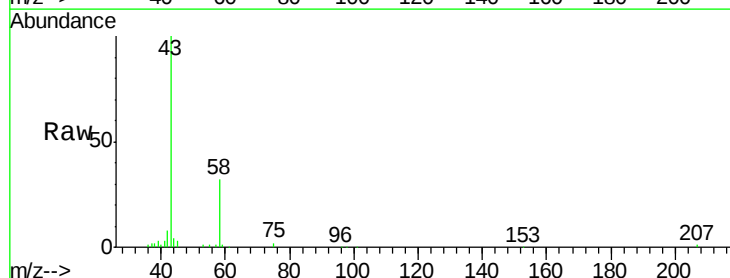
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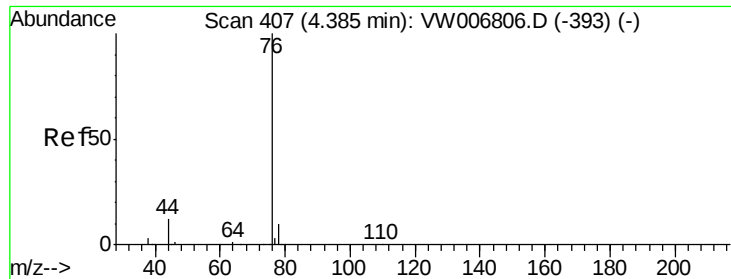
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#16
 Acetone
 Concen: 302.187 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.5	39.7





#17

Carbon Disulfide

Concen: 51.783 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion: 76 Resp: 375399

Ion Ratio Lower Upper

76 100

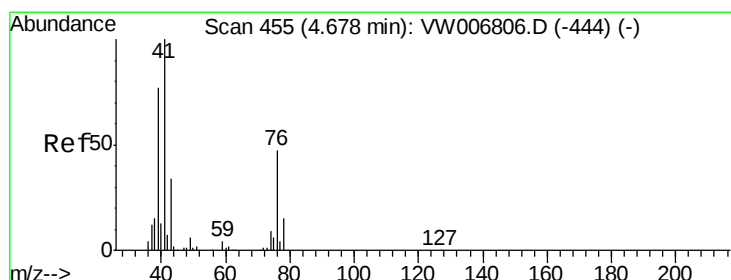
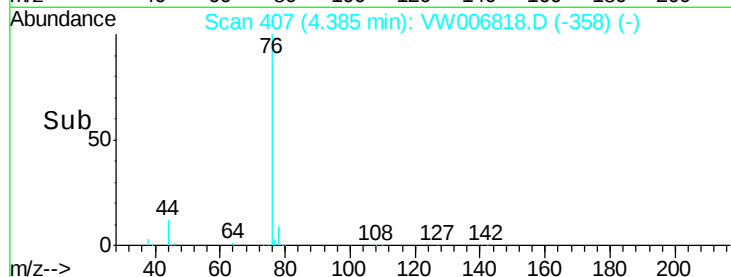
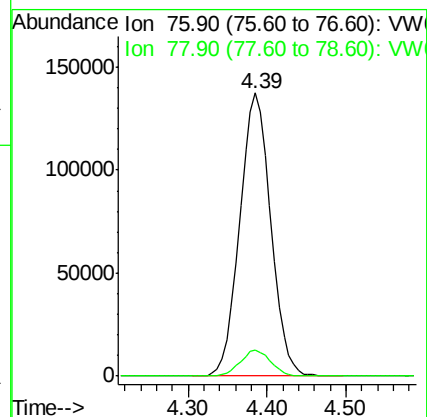
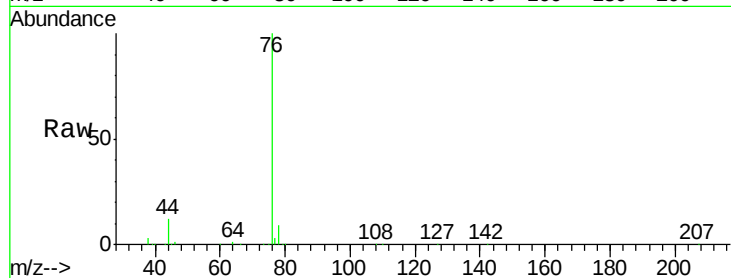
78 9.2 7.6 11.4

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#18

Methyl Acetate

Concen: 82.067 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006818.D

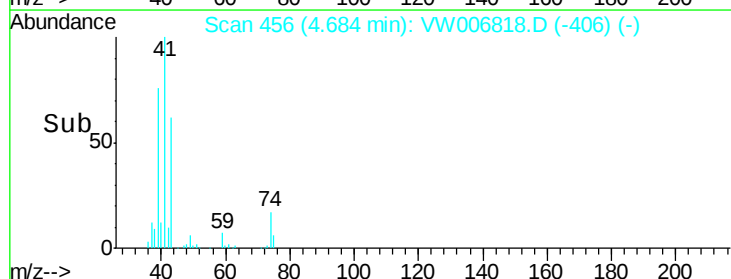
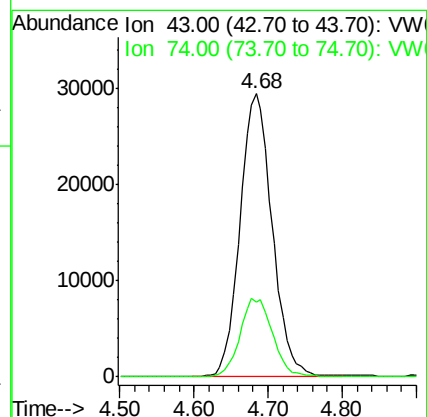
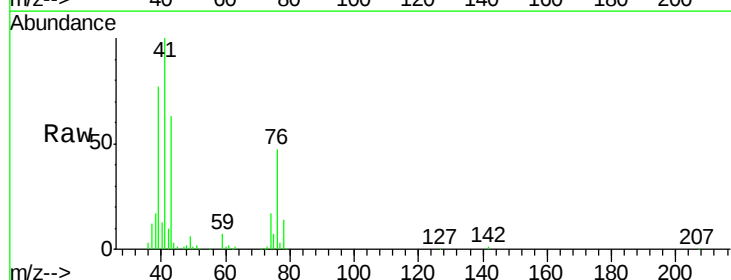
Acq: 12 Nov 2018 20:21

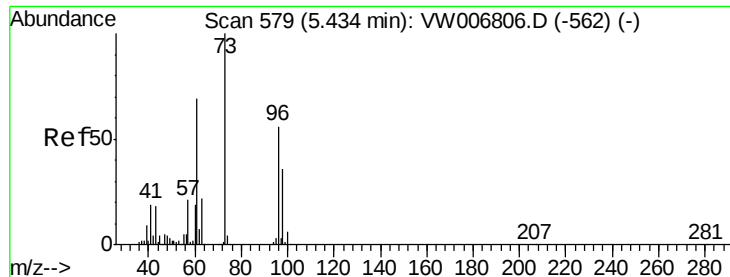
Tgt Ion: 43 Resp: 89442

Ion Ratio Lower Upper

43 100

74 28.1 21.9 32.9





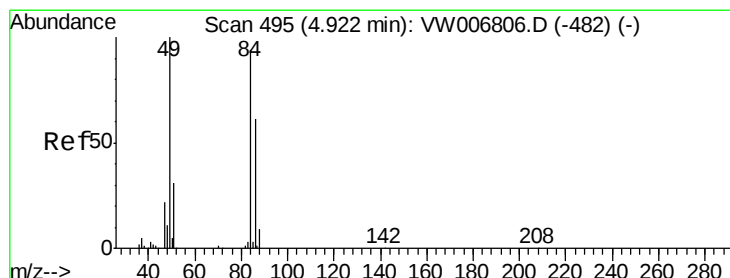
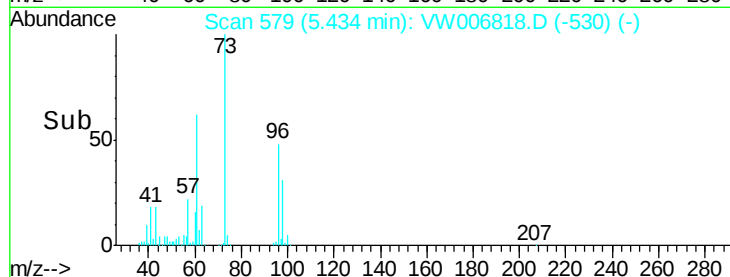
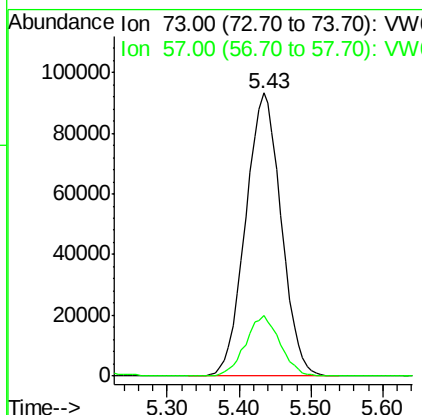
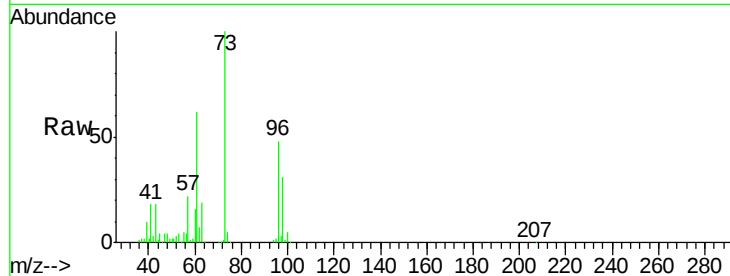
#19
Methyl tert-butyl Ether
Concen: 58.750 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion: 73 Resp: 319732
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2

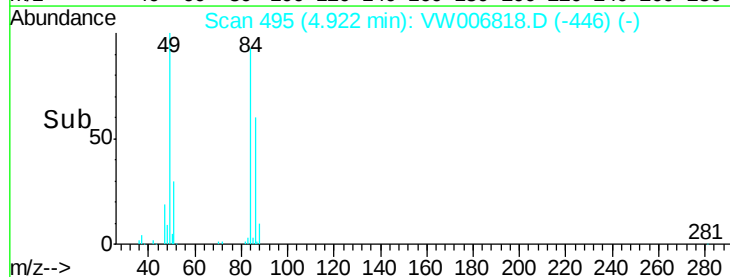
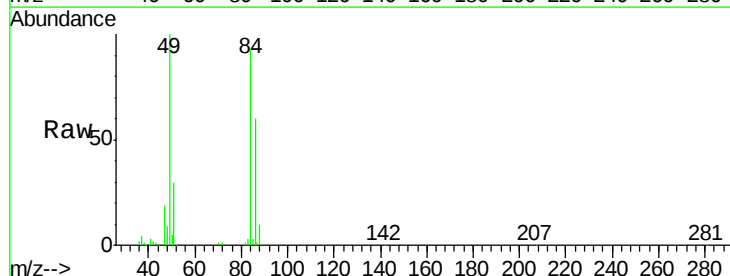
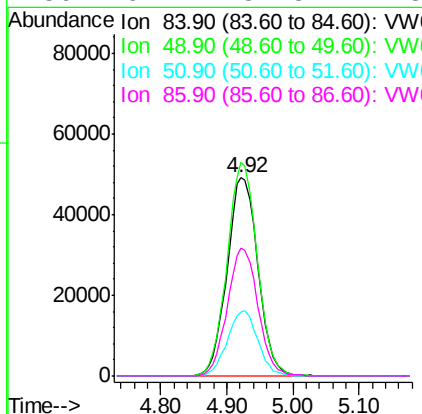
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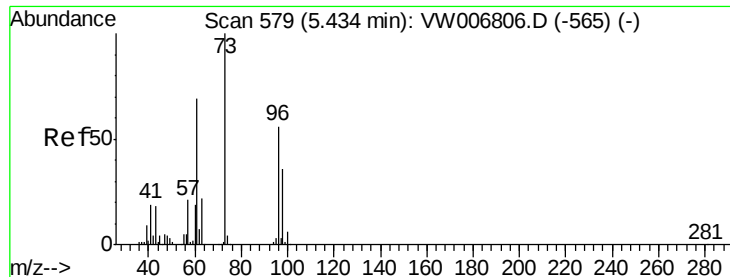
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#20
Methylene Chloride
Concen: 55.399 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion: 84 Resp: 159060
Ion Ratio Lower Upper
84 100
49 107.7 84.8 127.2
51 32.0 26.2 39.4
86 64.4 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 49.039 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion: 96 Resp: 132575
Ion Ratio Lower Upper

96 100

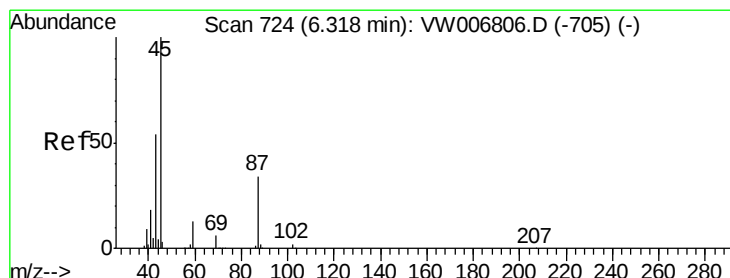
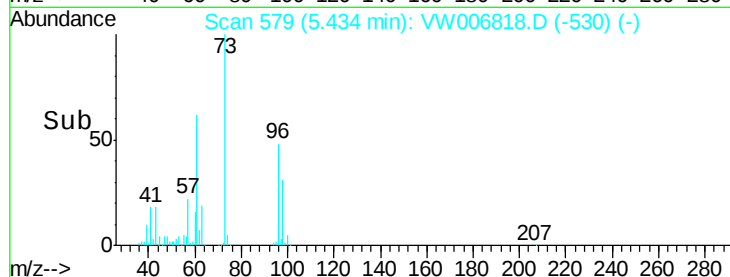
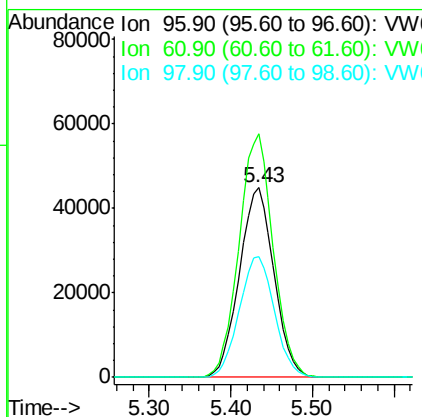
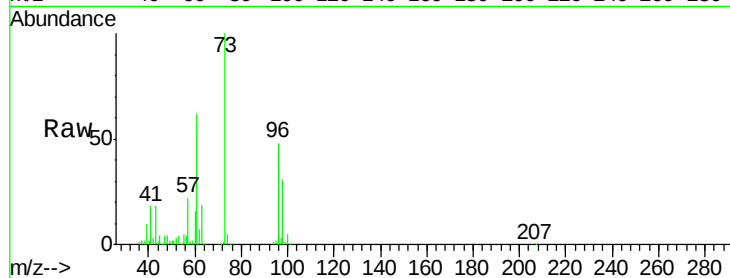
61 128.6 98.7 148.1

98 64.0 51.2 76.8

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#22

Diisopropyl ether

Concen: 55.113 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

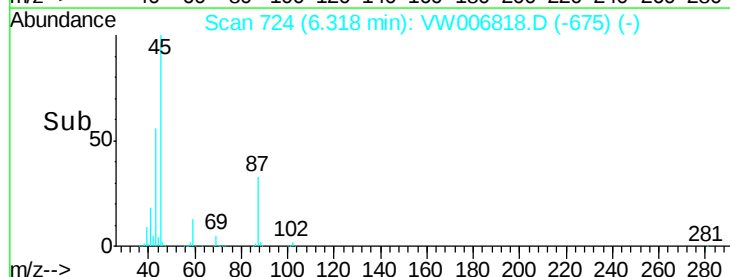
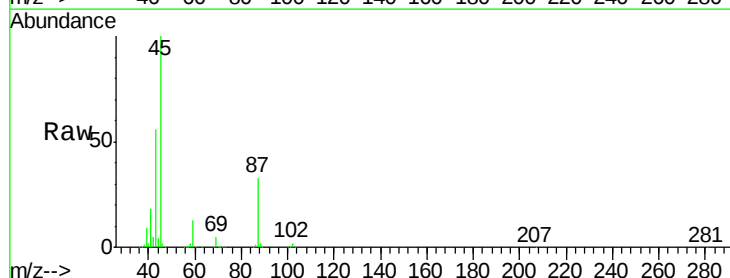
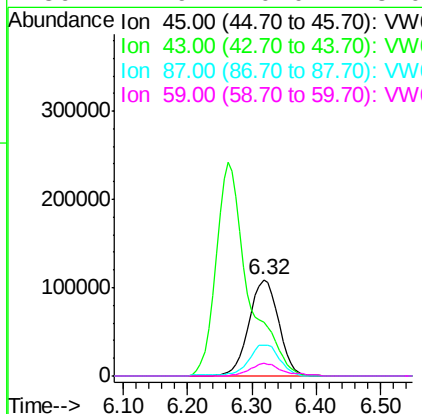
Tgt Ion: 45 Resp: 345095
Ion Ratio Lower Upper

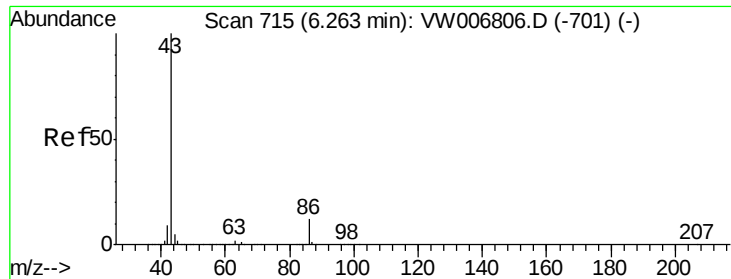
45 100

43 55.2 43.7 65.5

87 32.6 27.2 40.8

59 12.9 10.0 15.0





#23

Vinyl Acetate

Concen: 238.364 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion: 43 Resp: 841409

Ion Ratio Lower Upper

43 100

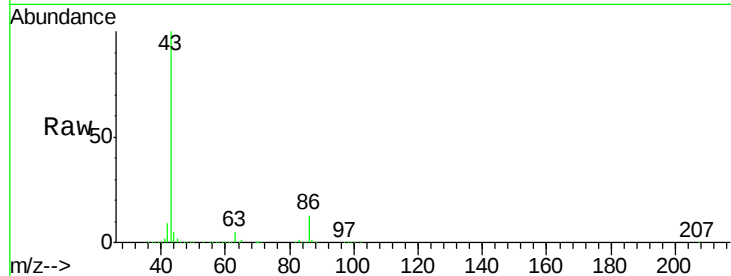
86 12.6 9.6 14.4

Manual Integrations

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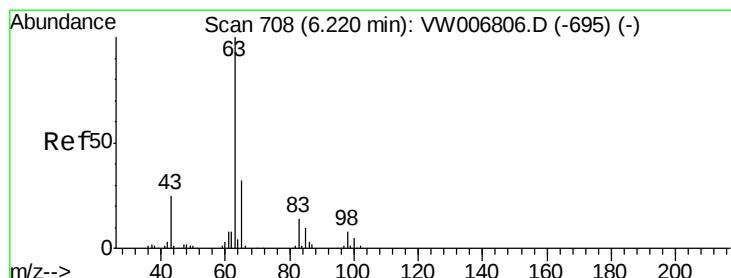
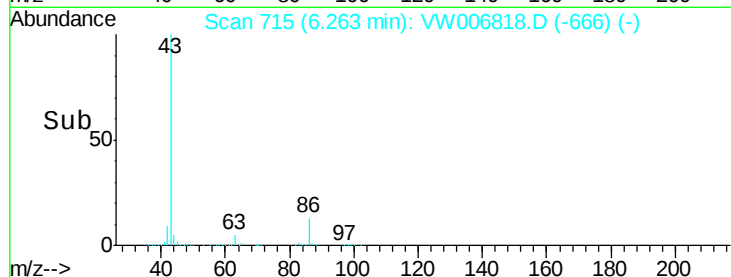
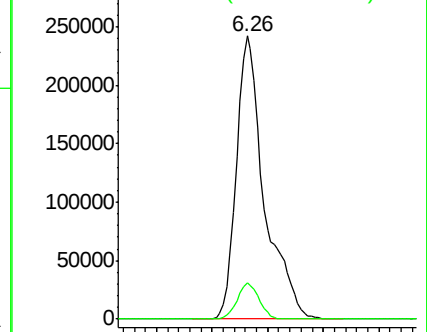
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.248 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

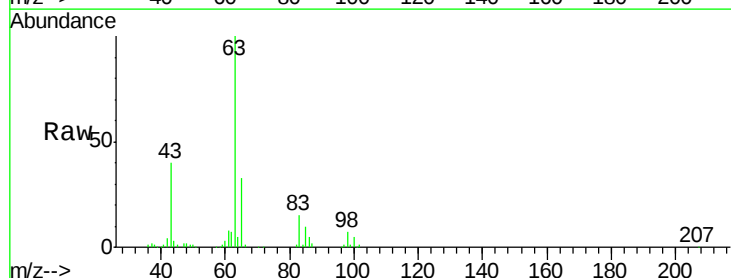
Tgt Ion: 63 Resp: 212821

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

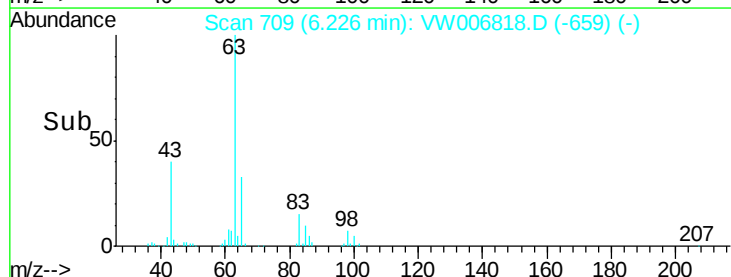
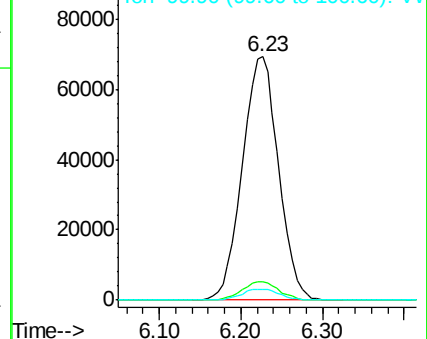
100 4.5 2.4 7.2

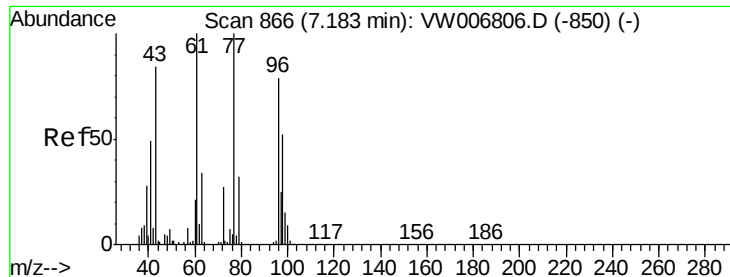


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 303.889 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion: 43 Resp: 163744

Ion Ratio Lower Upper

43 100

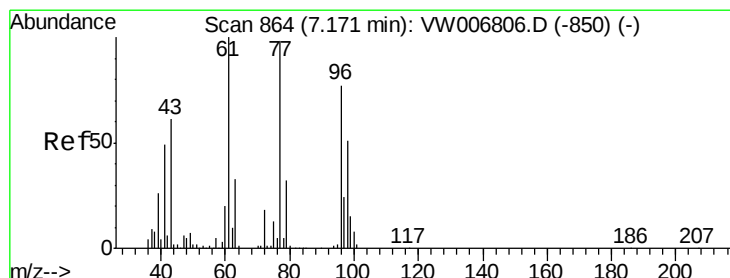
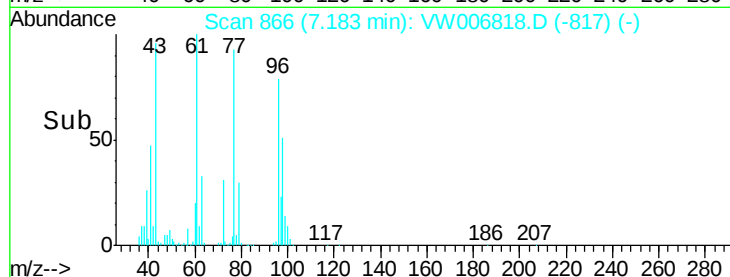
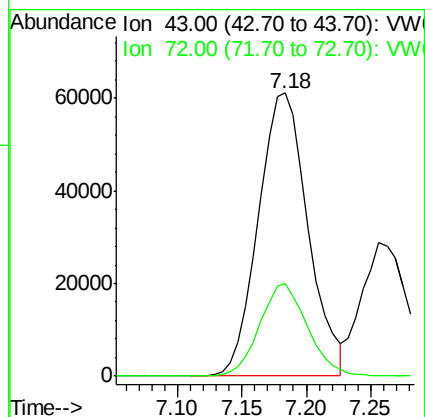
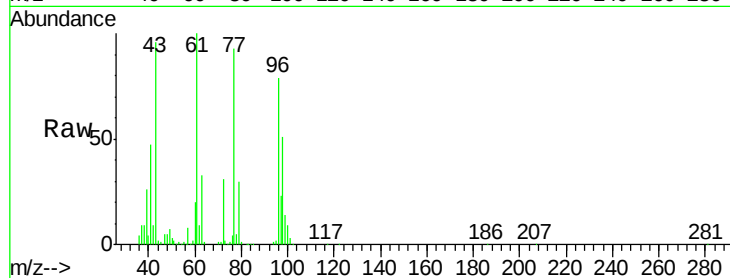
72 32.6 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.691 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006818.D

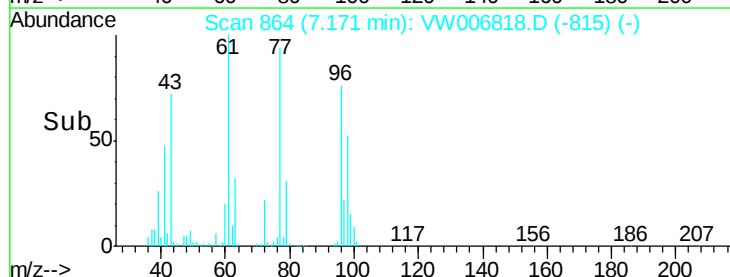
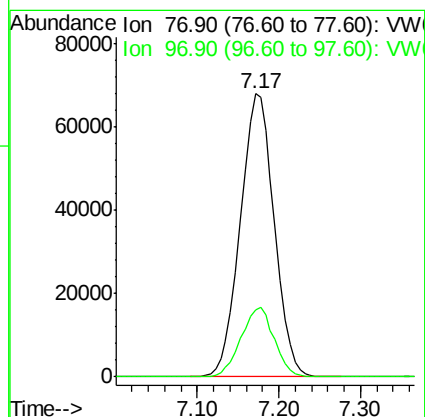
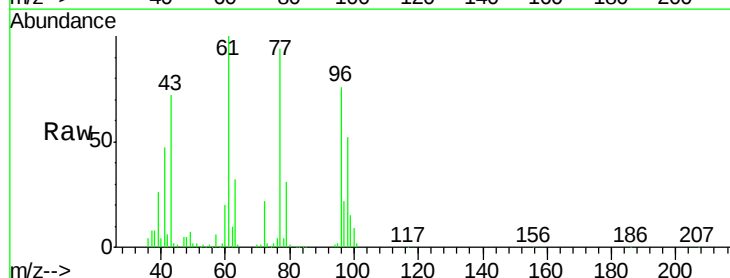
Acq: 12 Nov 2018 20:21

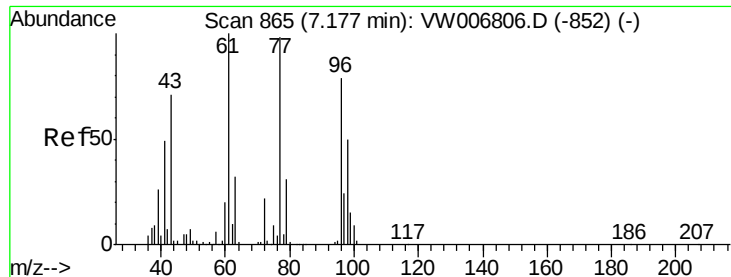
Tgt Ion: 77 Resp: 195092

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1





#27

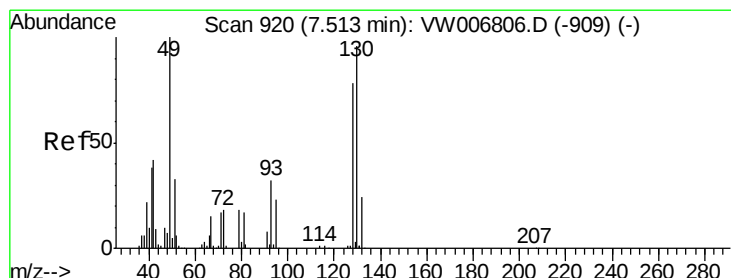
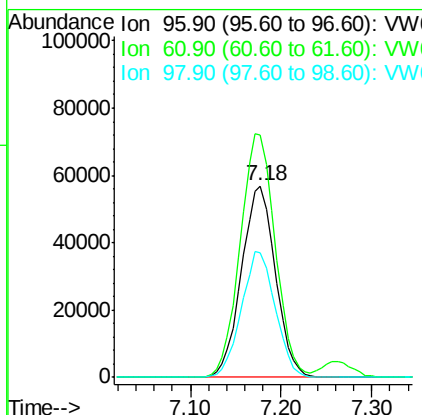
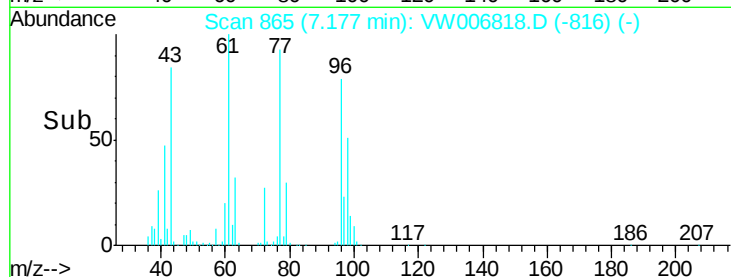
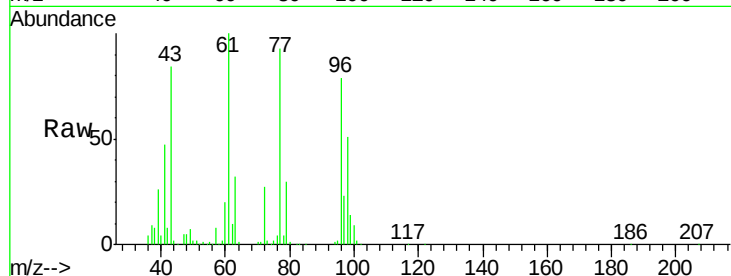
cis-1,2-Dichloroethene
Concen: 51.147 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	147416		
61	131.0	0.0	264.0	
98	65.7	0.0	131.0	

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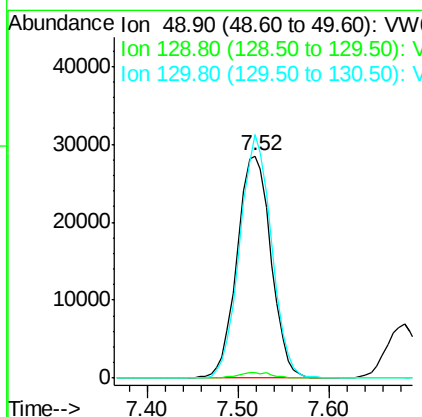
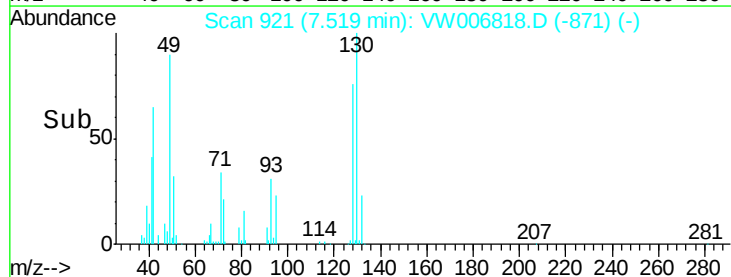
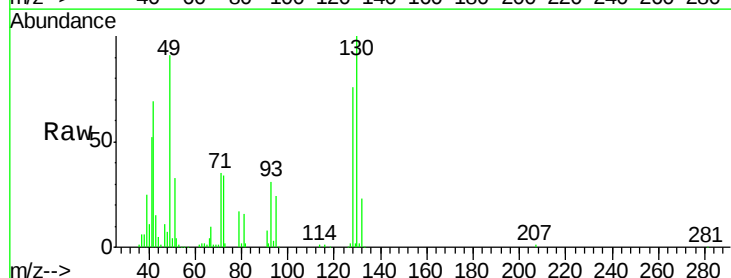
apatel
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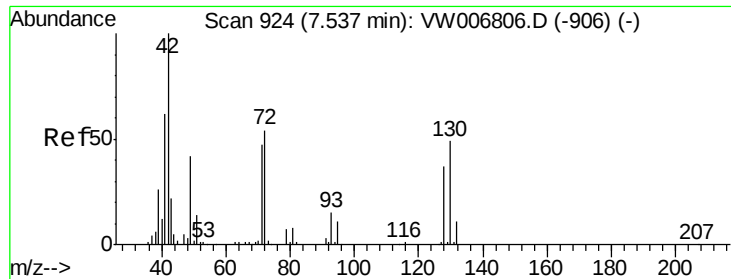


#28

Bromochloromethane
Concen: 50.861 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73881		
129	2.6	0.0	5.6	
130	102.5	83.3	124.9	





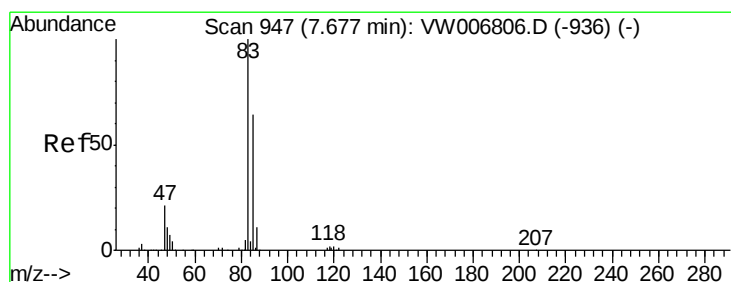
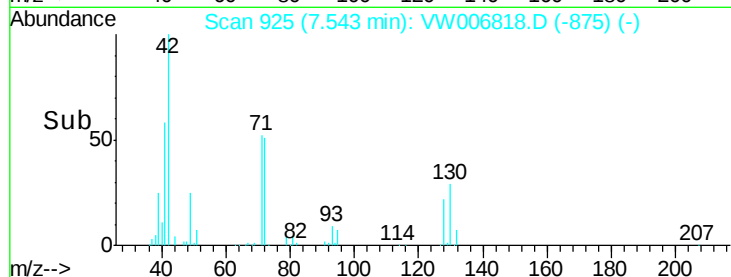
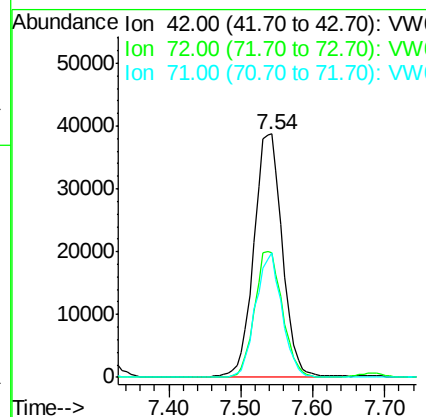
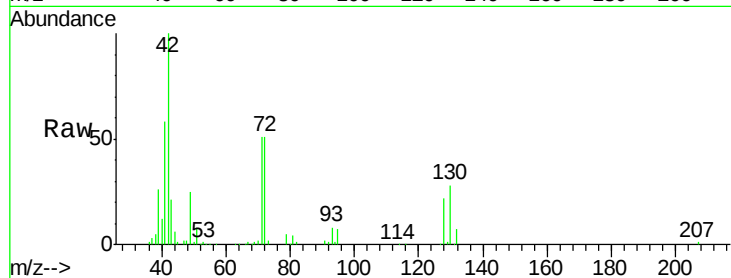
#29
Tetrahydrofuran
Concen: 309.606 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.6	40.9	61.3
71	47.2	36.9	55.3

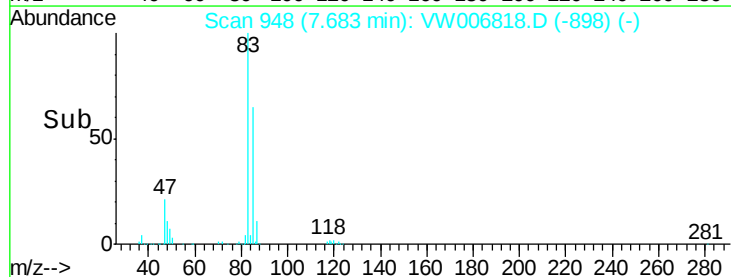
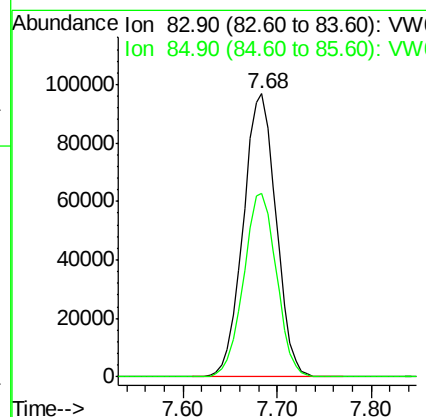
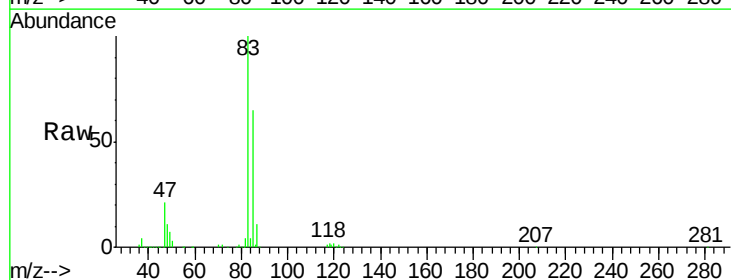
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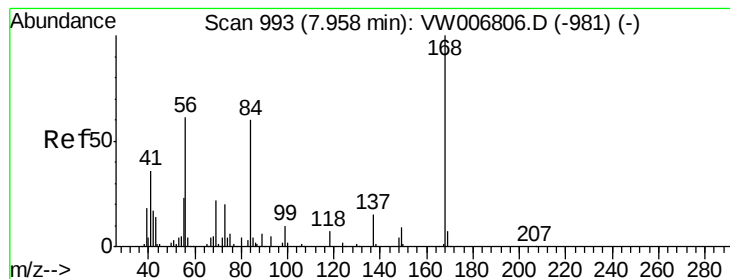
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#30
Chloroform
Concen: 51.705 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3





#31

Cyclohexane

Concen: 48.087 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

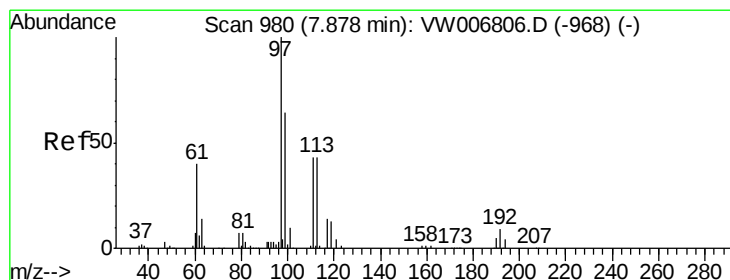
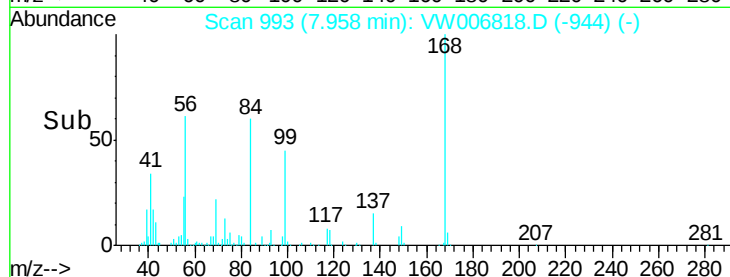
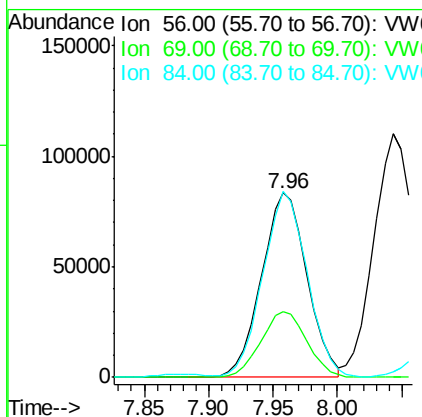
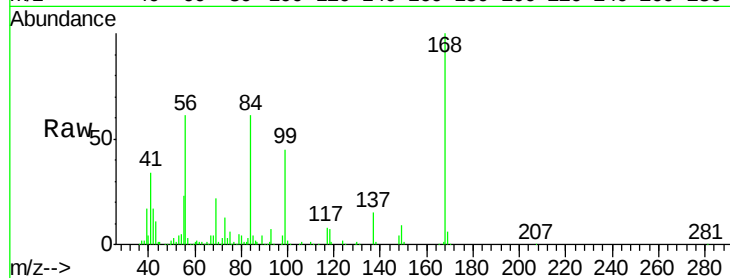
ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion:	56	Resp:	204413
Ion Ratio	Lower	Upper	
56	100		
69	35.6	28.9	43.3
84	98.9	79.0	118.4

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#32

1,1,1-Trichloroethane

Concen: 50.168 ug/l

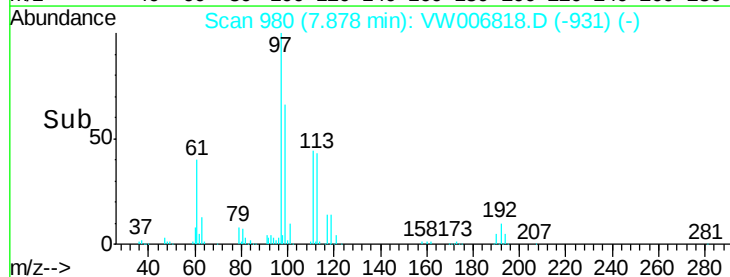
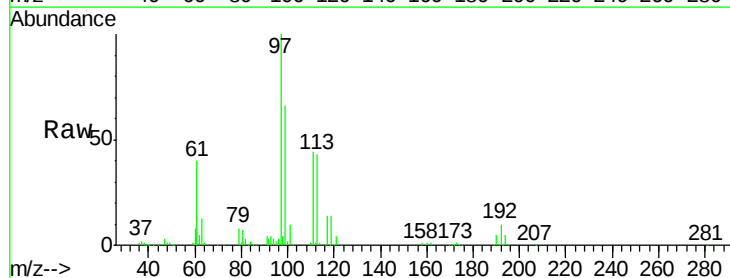
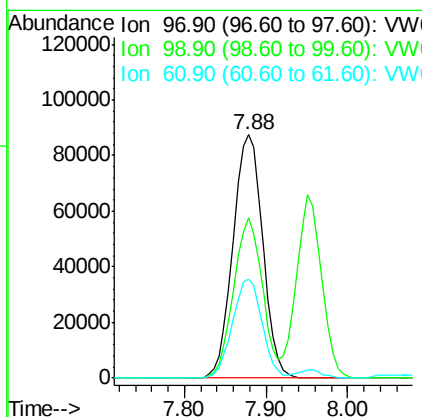
RT: 7.88 min Scan# 980

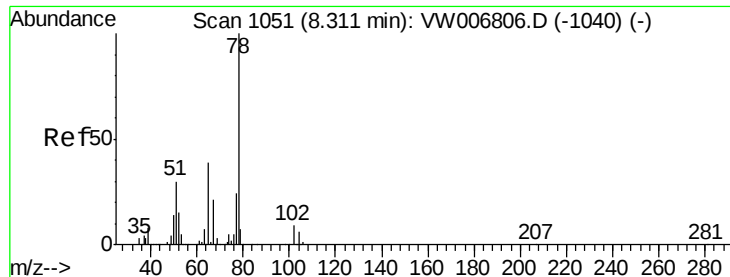
Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Tgt Ion:	97	Resp:	219574
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.6	77.4
61	40.6	32.2	48.4





#33

1,2-Dichloroethane-d4

Concen: 49.332 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion: 65 Resp: 109444

Ion Ratio Lower Upper

65 100

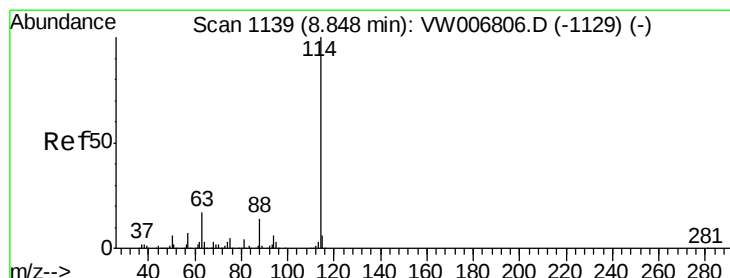
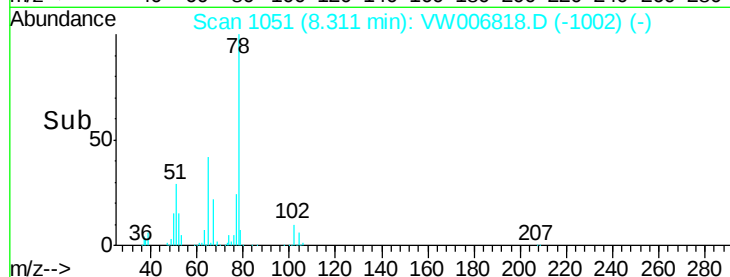
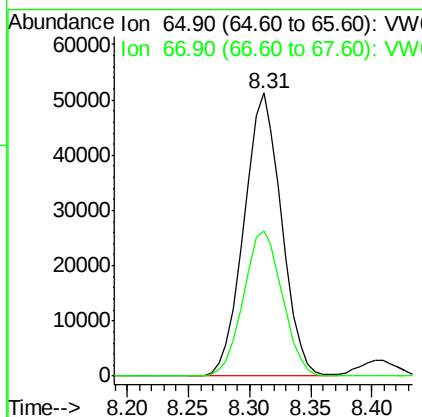
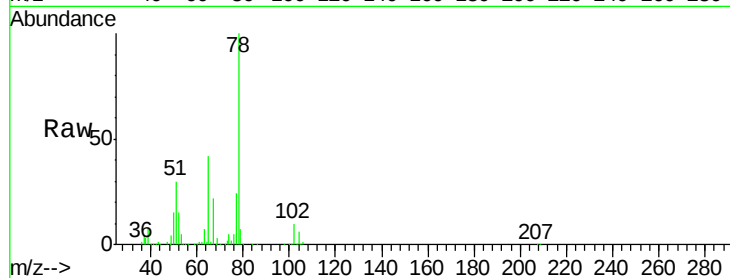
67 53.1 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

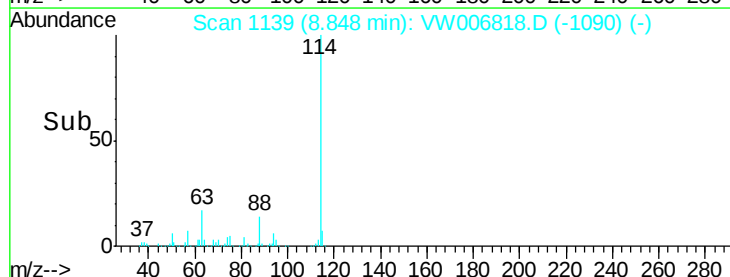
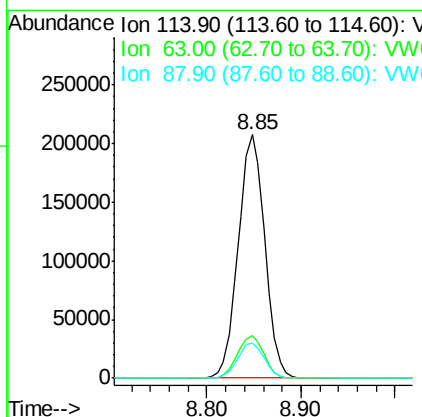
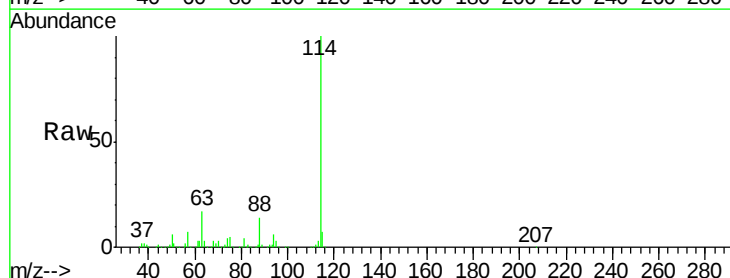
Tgt Ion: 114 Resp: 407609

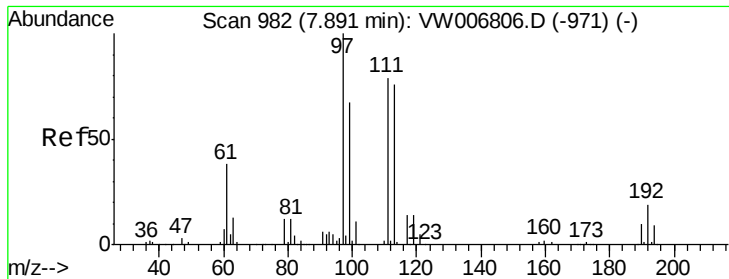
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.6

88 14.3 0.0 28.4





#35

Dibromofluoromethane

Concen: 47.268 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006818.D

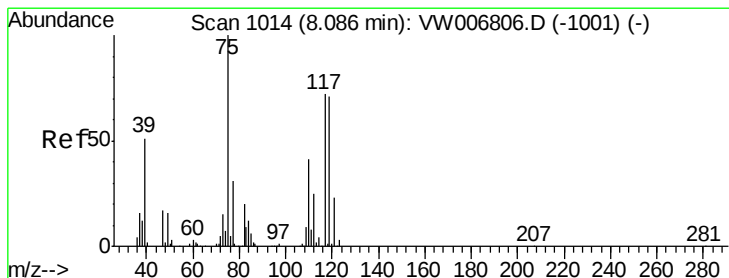
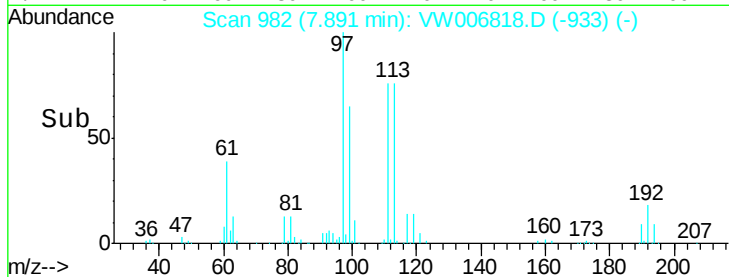
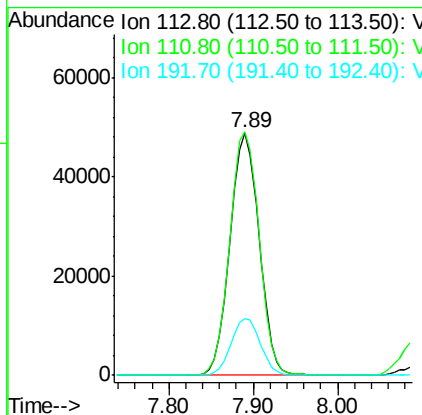
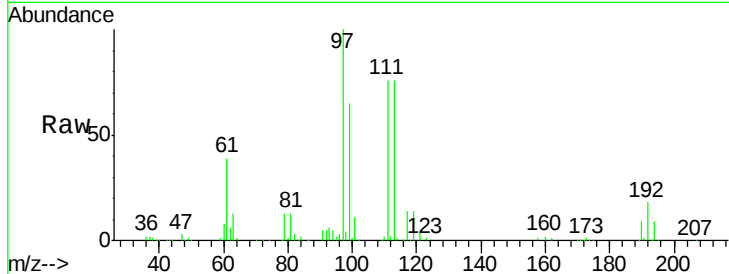
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	114728		
111	101.3	81.0	121.6	
192	23.2	19.0	28.6	

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#36

1,1-Dichloropropene

Concen: 50.637 ug/l

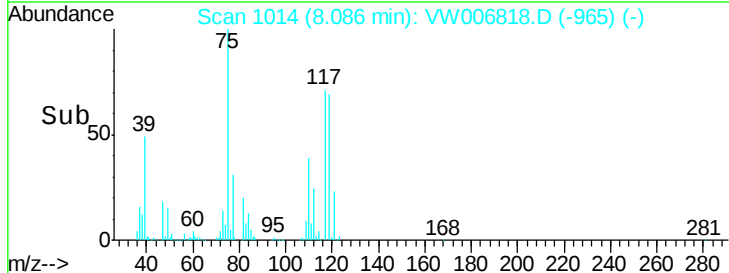
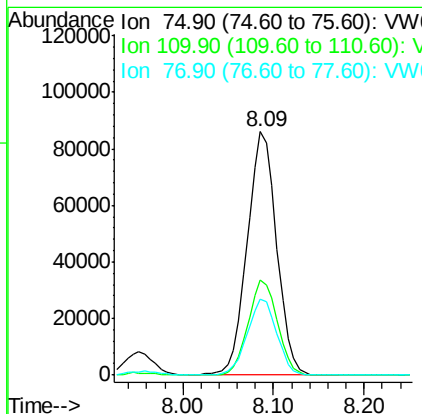
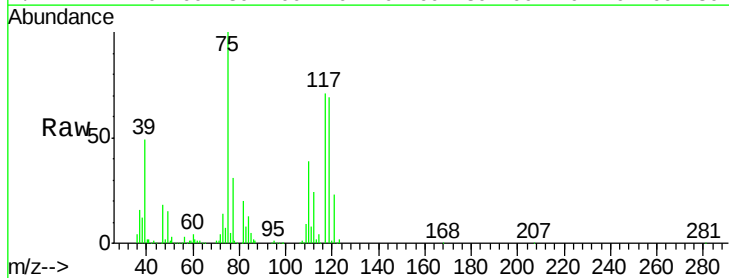
RT: 8.09 min Scan# 1014

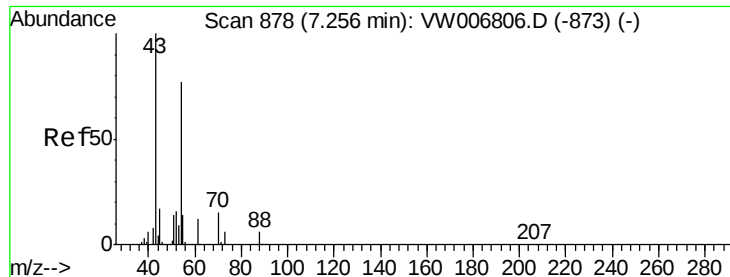
Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	193150		
110	38.9	19.9	59.6	
77	31.4	25.4	38.2	





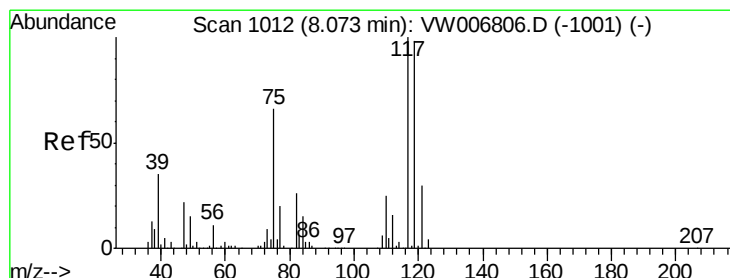
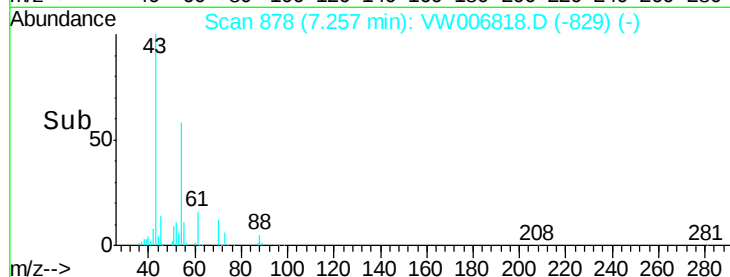
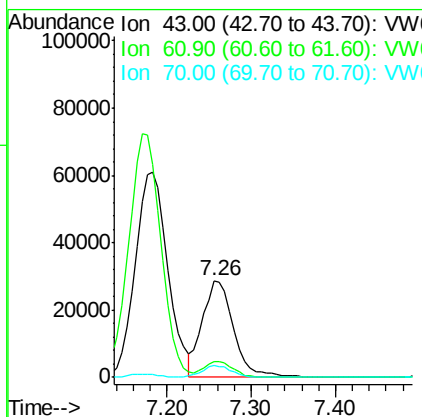
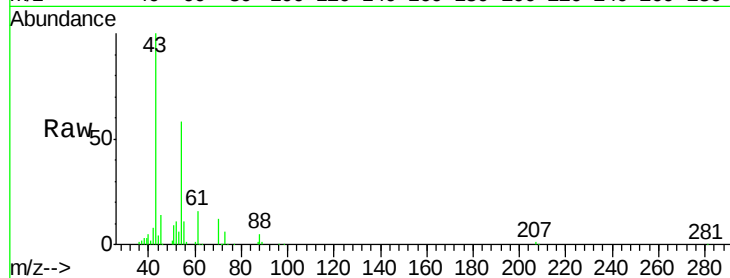
#37
Ethyl Acetate
Concen: 59.284 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.7	17.5
70	11.7	10.0	15.0

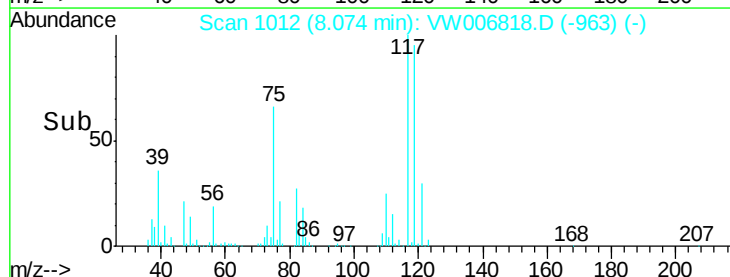
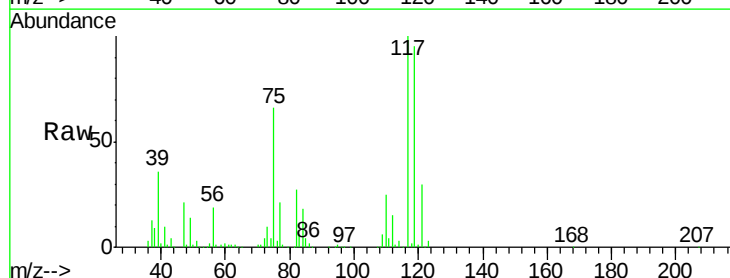
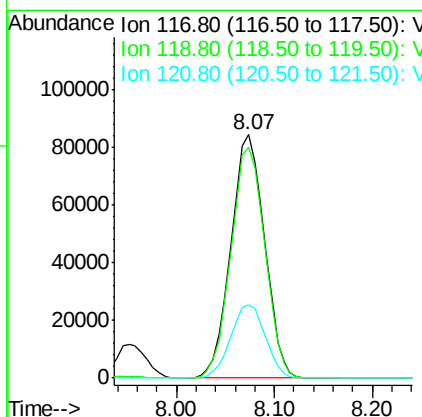
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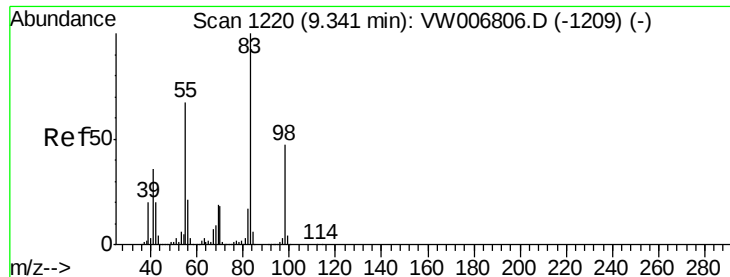
apatel
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#38
Carbon Tetrachloride
Concen: 48.663 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.5	117.7
121	30.4	24.2	36.2





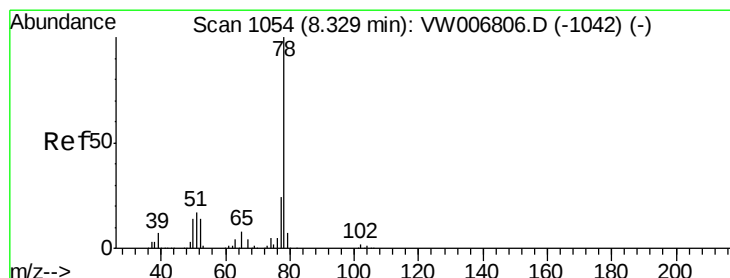
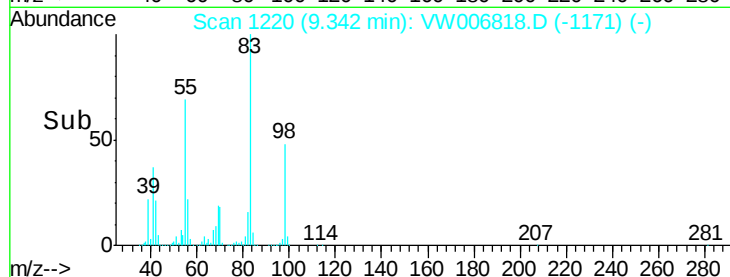
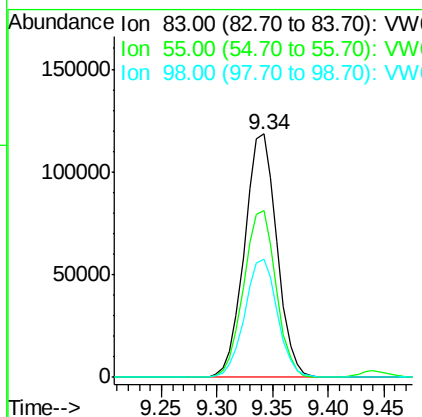
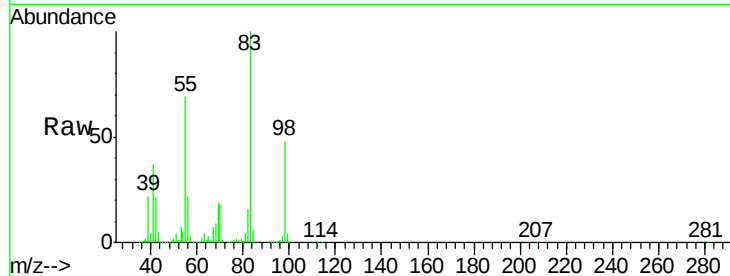
#39
Methylcyclohexane
Concen: 48.554 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.7	53.3	79.9
98	48.5	37.9	56.9

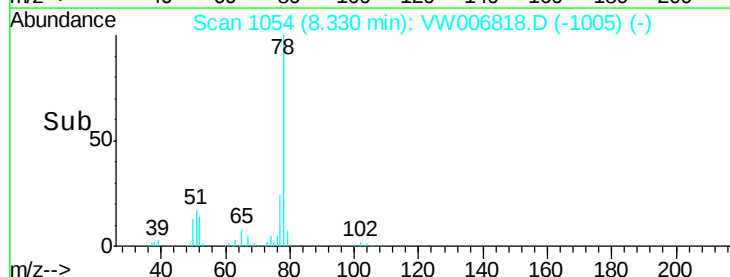
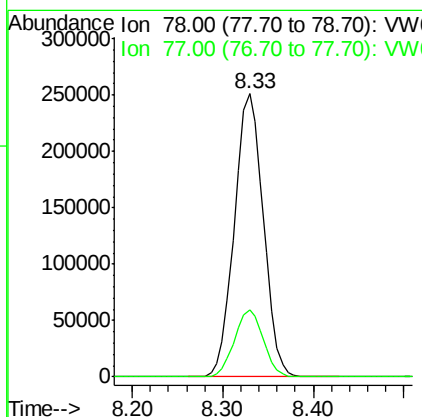
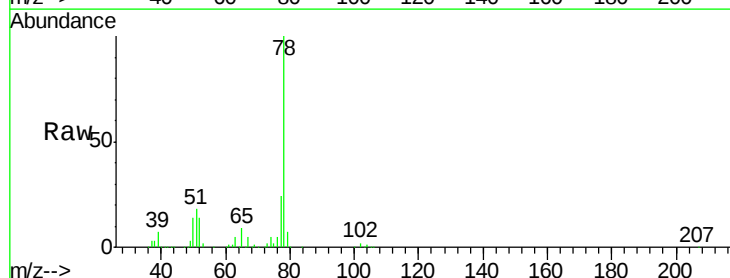
Manual Integrations
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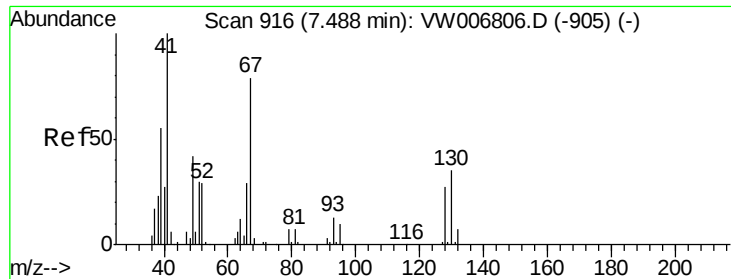
apatel
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#40
Benzene
Concen: 52.382 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





#41

Methacrylonitrile

Concen: 61.382 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

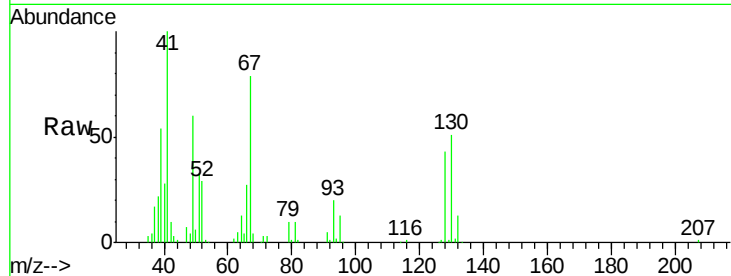
ClientSampleId :

EP2-SB-104(15-17)MSD

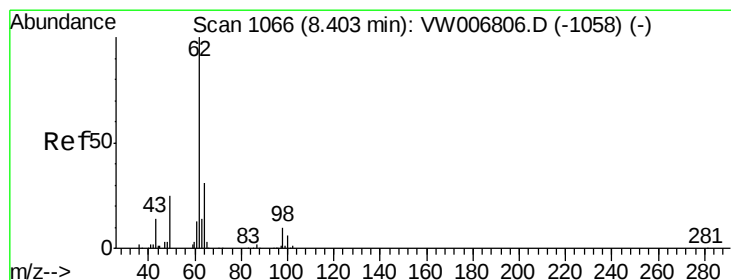
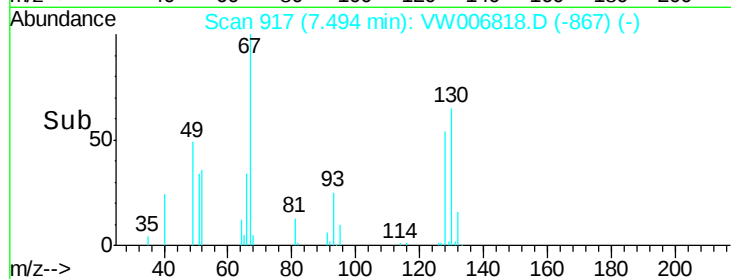
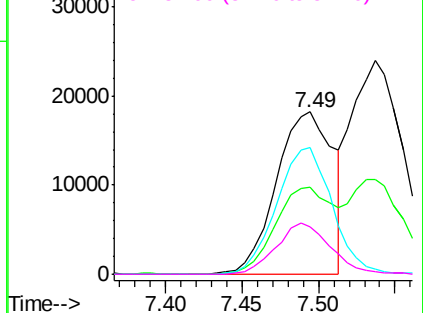
Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.8	48.1	72.1
67	76.3	61.4	92.2
52	30.1	23.2	34.8

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 53.851 ug/l

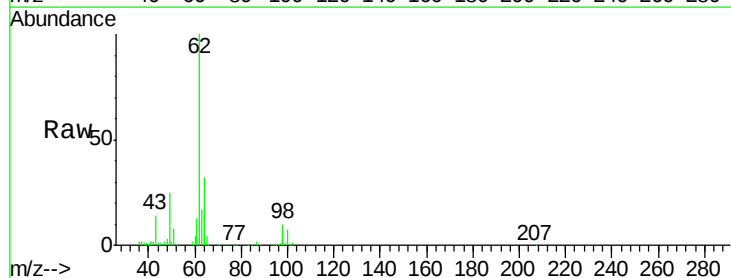
RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

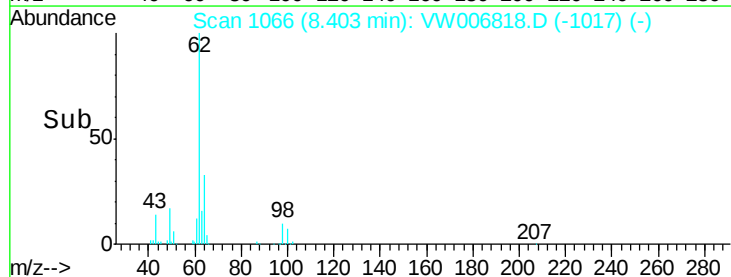
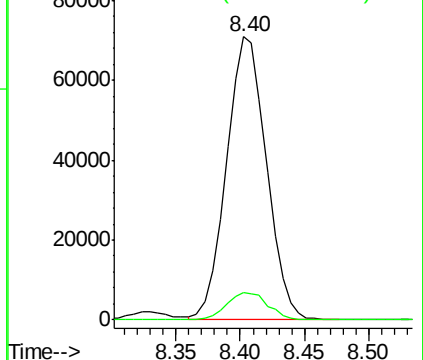
Lab File: VW006818.D

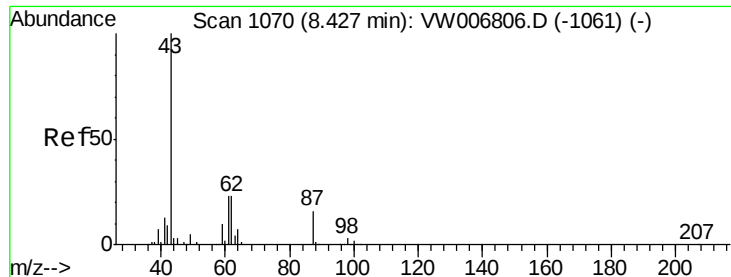
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





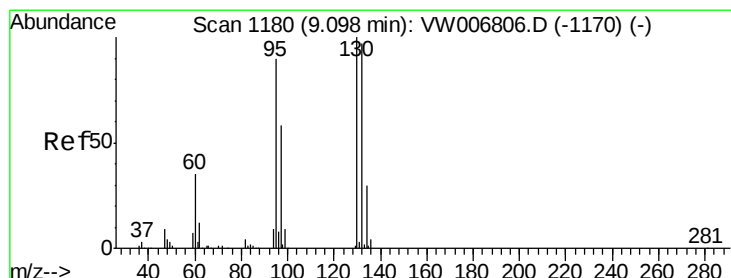
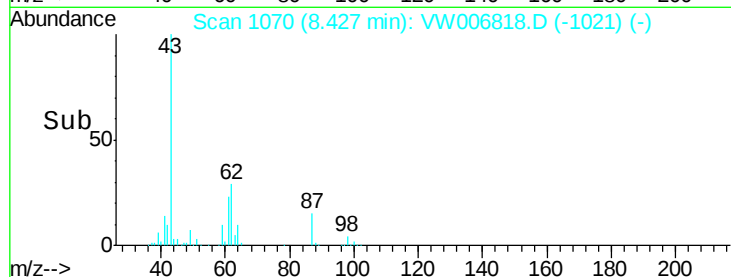
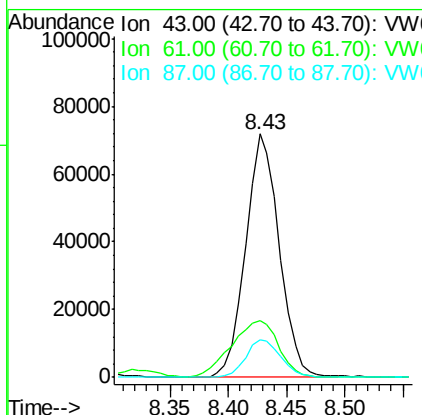
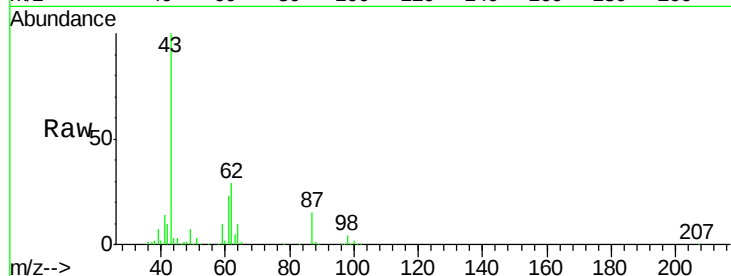
#43
Isopropyl Acetate
Concen: 59.464 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.6	27.0	40.4
87	16.0	13.0	19.4

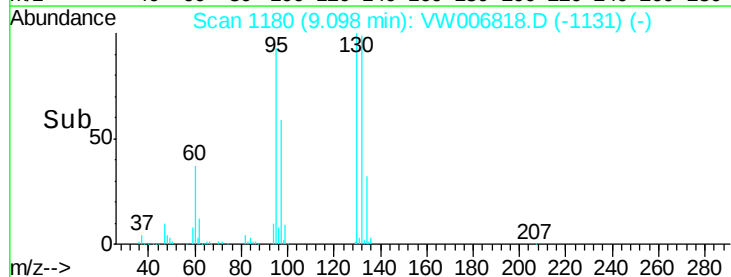
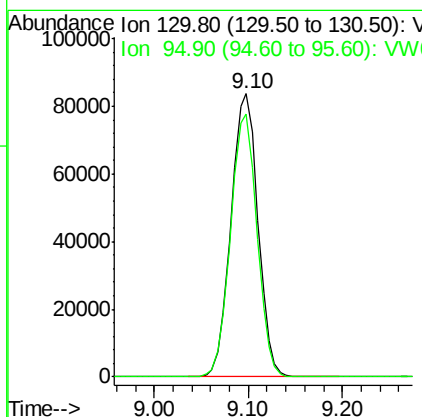
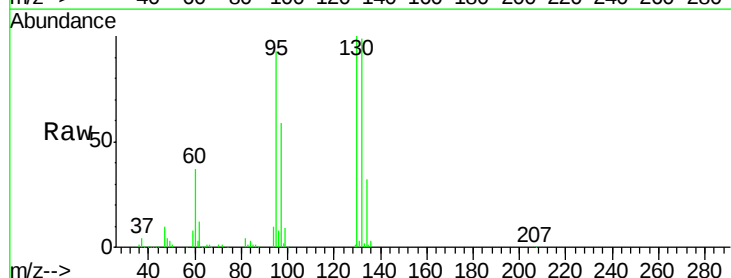
Manual Integrations
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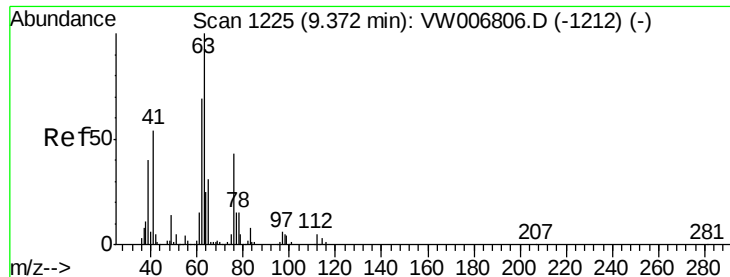
apatel
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#44
Trichloroethene
Concen: 49.747 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	180.2





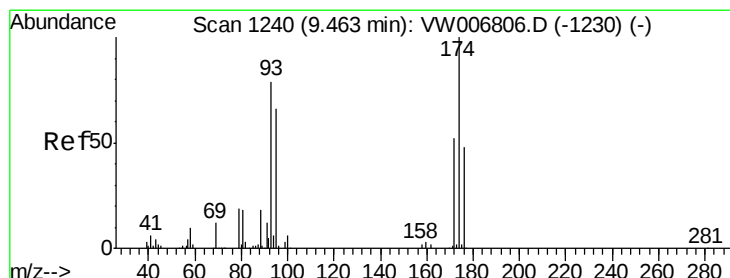
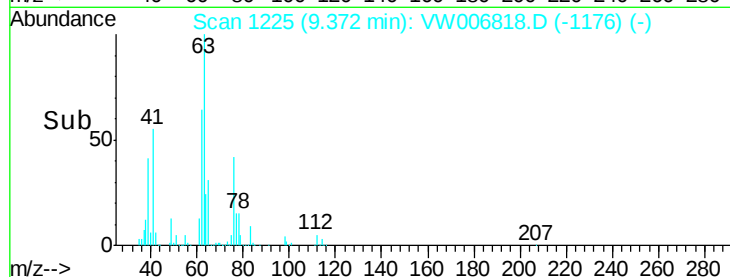
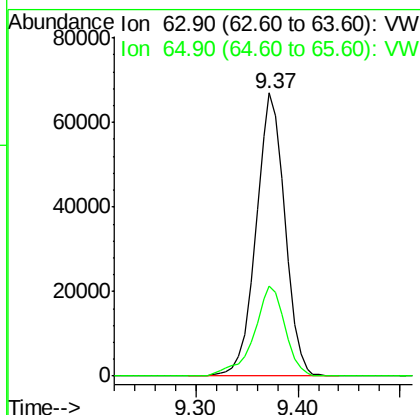
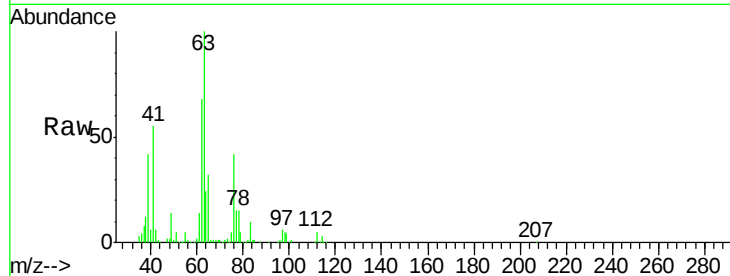
#45
 1,2-Dichloropropane
 Concen: 53.245 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tgt Ion: 63 Resp: 131626
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.4 36.6

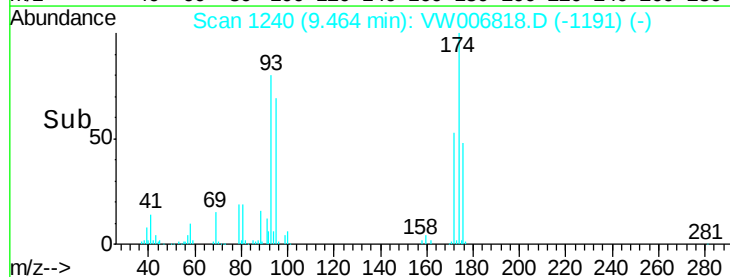
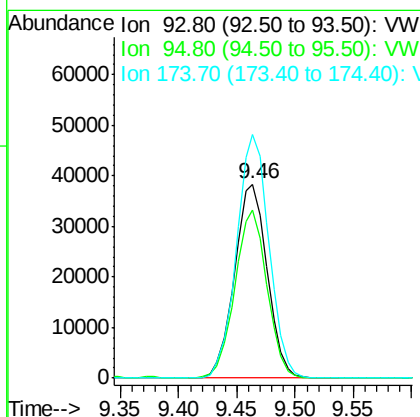
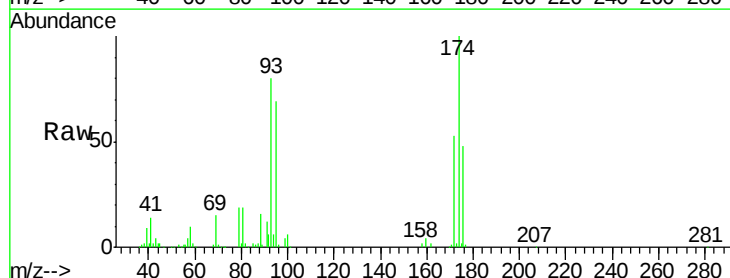
Manual Integrations
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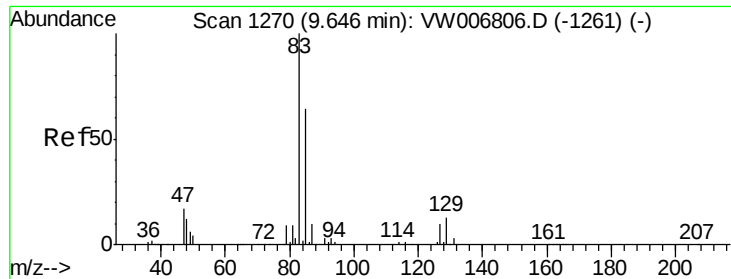
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#46
 Dibromomethane
 Concen: 54.539 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Tgt Ion: 93 Resp: 75048
 Ion Ratio Lower Upper
 93 100
 95 85.3 67.0 100.6
 174 124.2 98.6 147.8





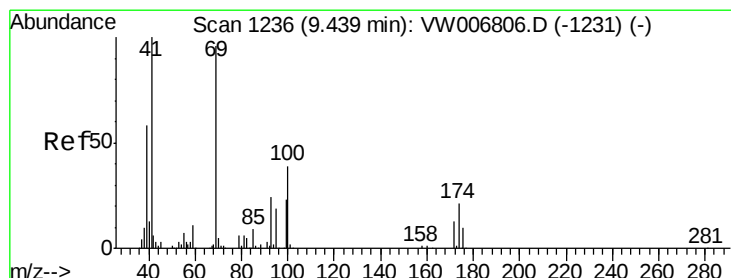
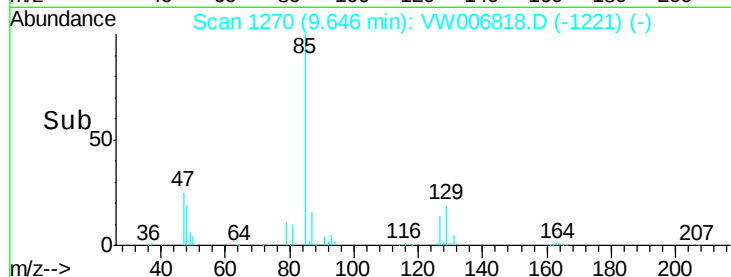
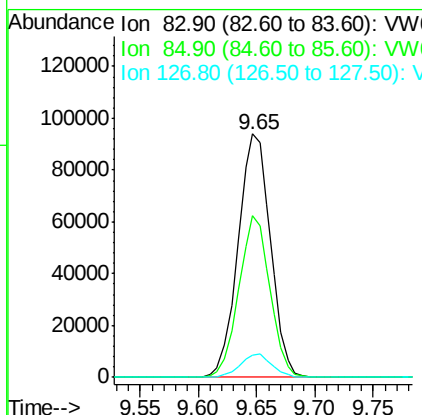
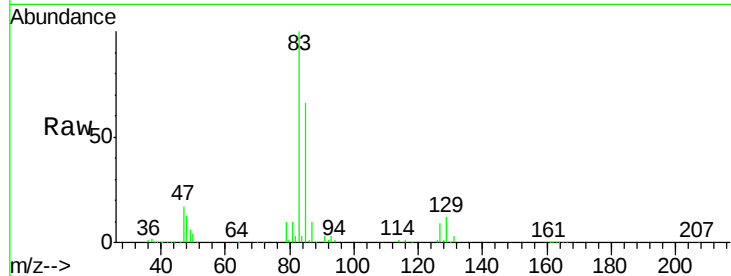
#47
 Bromodichloromethane
 Concen: 53.295 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.4	77.0
127	9.0	7.6	11.4

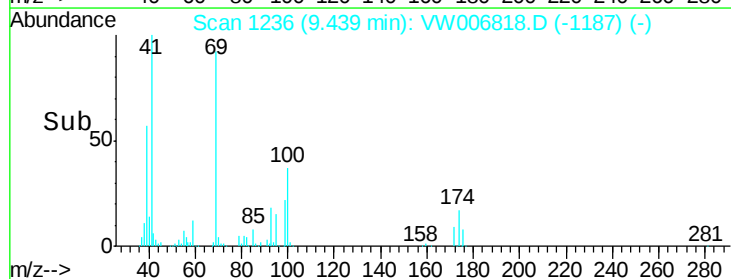
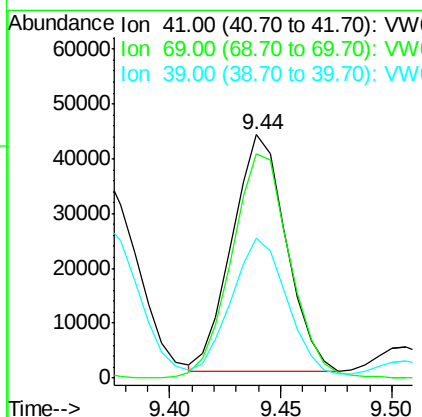
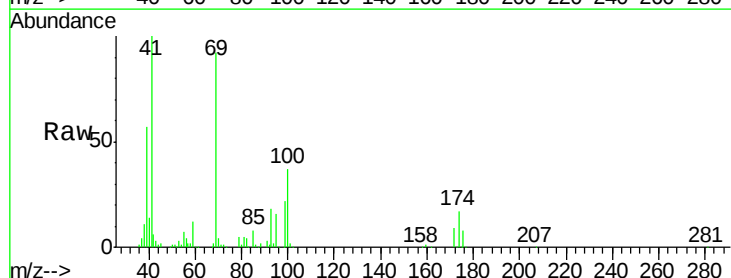
Manual Integrations
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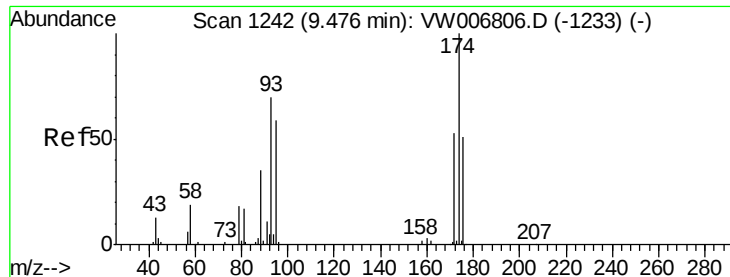
apatel
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#48
 Methyl methacrylate
 Concen: 61.271 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	102.8	79.8	119.6
39	62.2	45.9	68.9





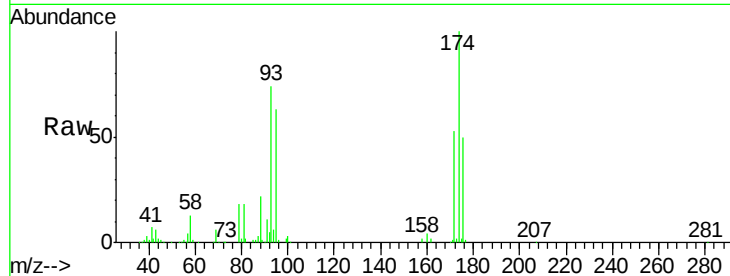
#49
1,4-Dioxane
Concen: 1173.080 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
88	100		
43	0.0	0.0	0.0
58	63.0	50.6	75.8

Manual Integrations
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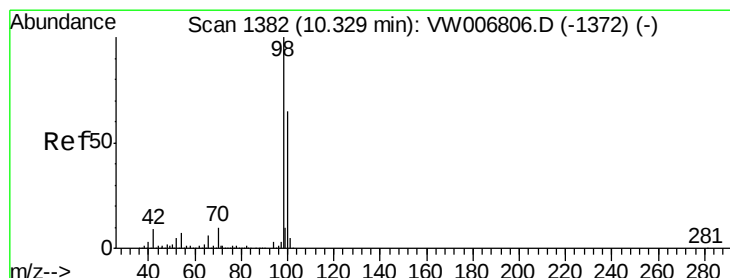
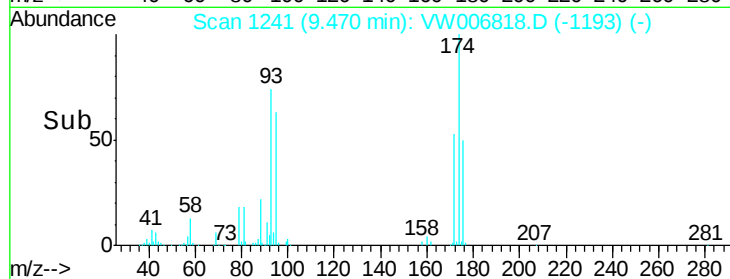
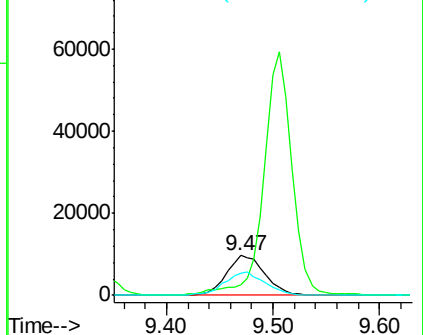


Abundance

Ion 88.00 (87.70 to 88.70): VW

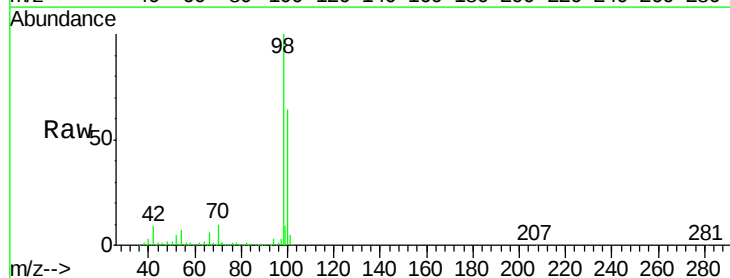
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 48.515 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

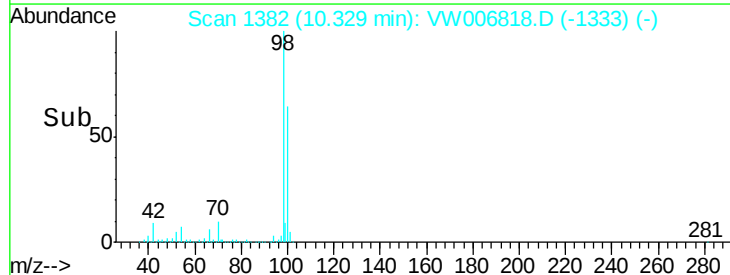
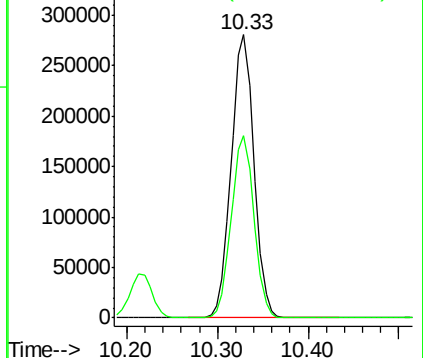
Tgt Ion	Ratio	Resp Lower	Resp Upper
98	100		
100	64.4	51.4	77.2

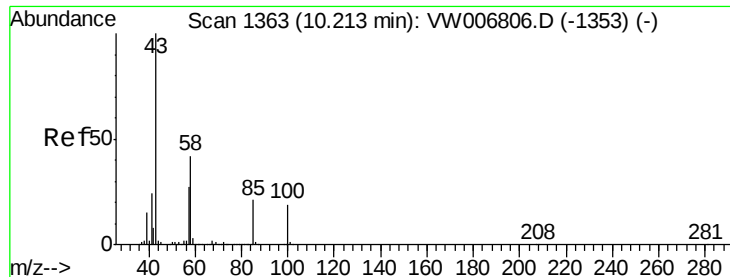


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





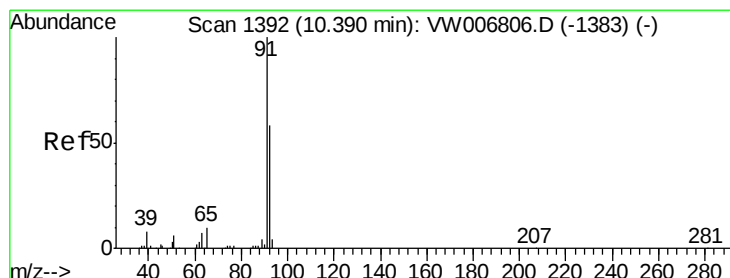
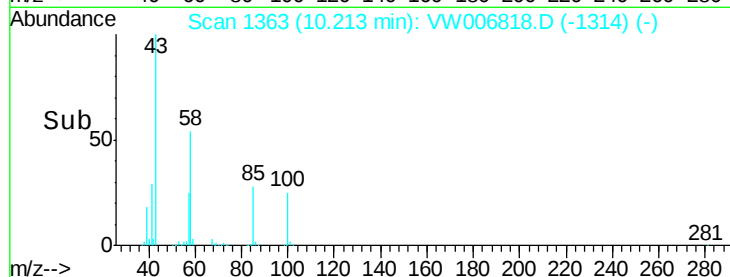
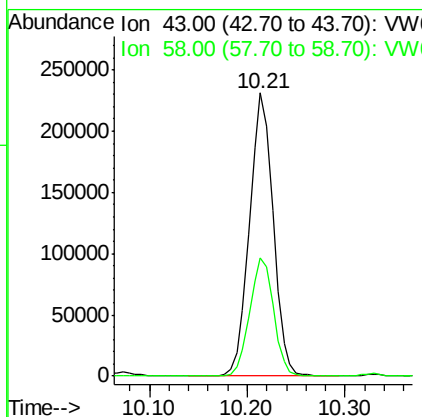
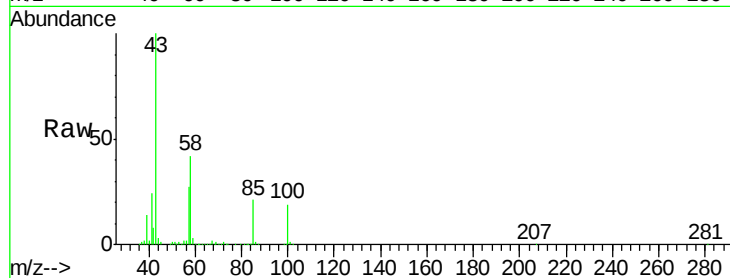
#51
4-Methyl-2-Pentanone
Concen: 320.007 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion: 43 Resp: 389244
Ion Ratio Lower Upper
43 100
58 42.1 34.0 51.0

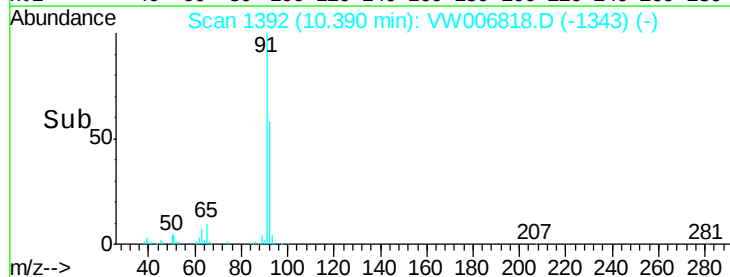
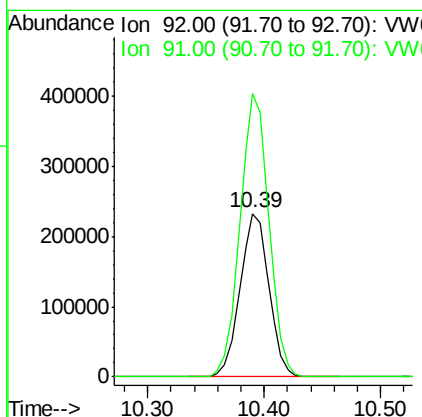
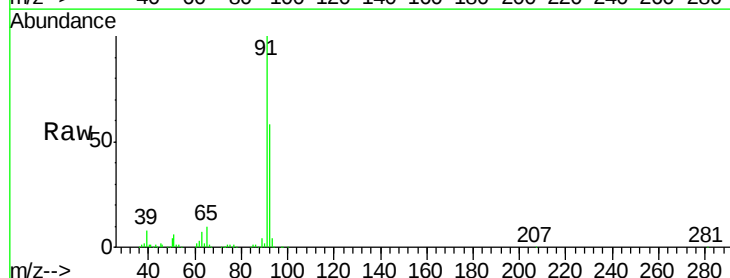
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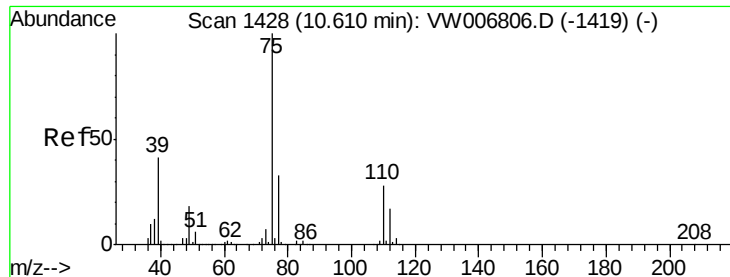
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#52
Toluene
Concen: 53.459 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion: 92 Resp: 401982
Ion Ratio Lower Upper
92 100
91 173.1 139.4 209.2





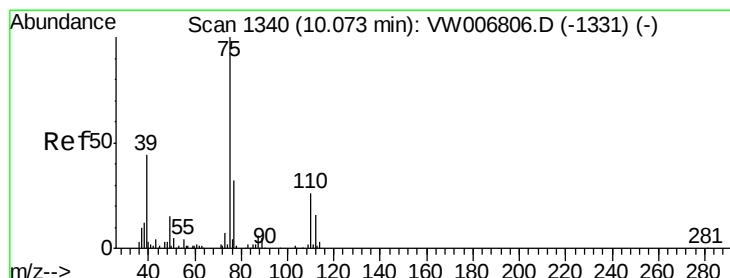
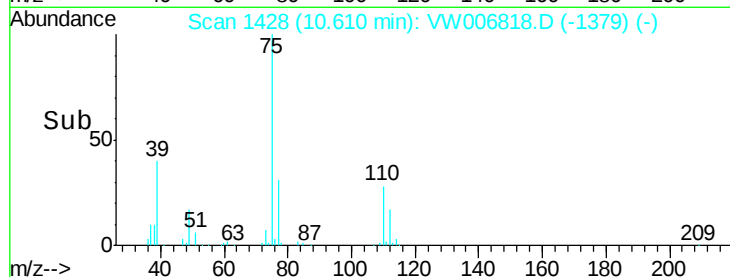
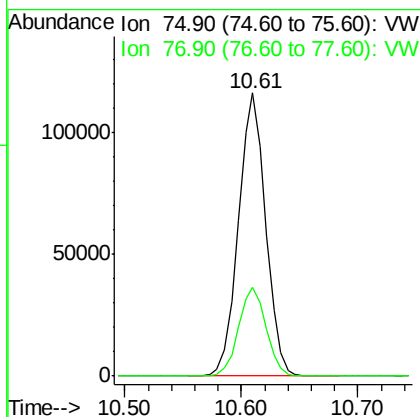
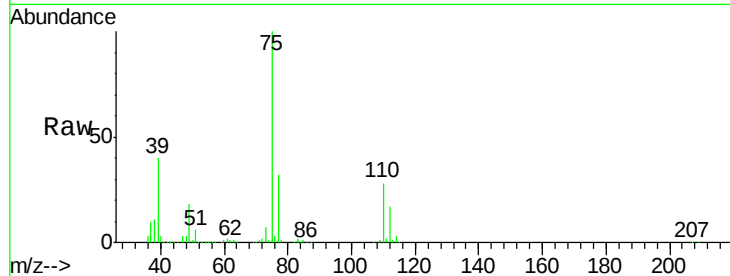
#53
t-1,3-Dichloropropene
Concen: 56.263 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion: 75 Resp: 189048
Ion Ratio Lower Upper
75 100
77 31.5 26.3 39.5

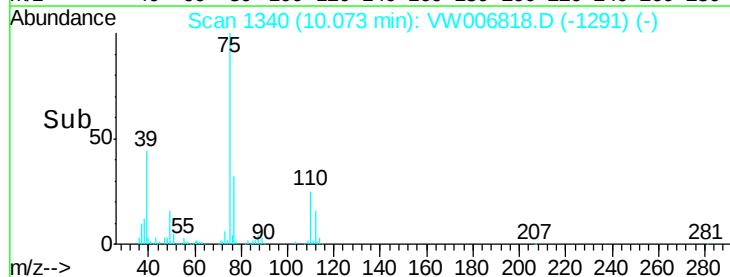
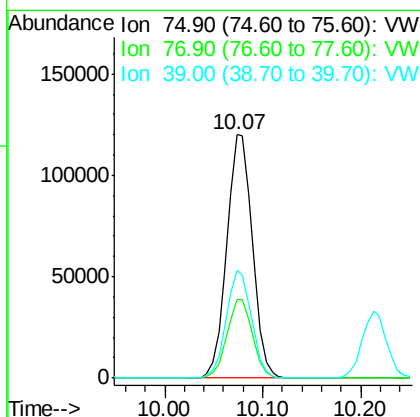
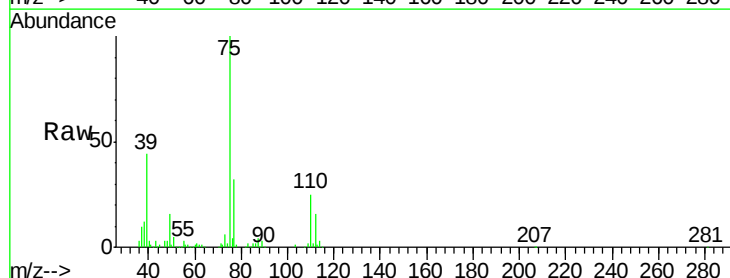
Manual Integrations
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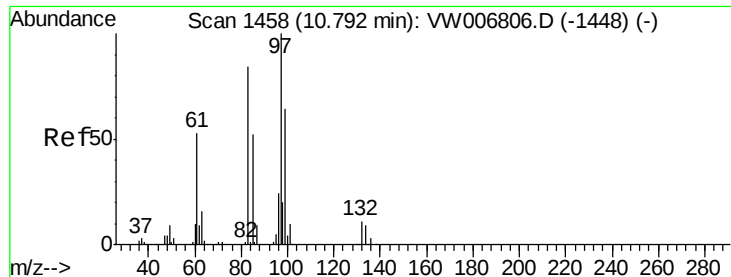
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11/13/2018 3:55:56 PM



#54
cis-1,3-Dichloropropene
Concen: 54.586 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion: 75 Resp: 217490
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 44.2 35.3 52.9





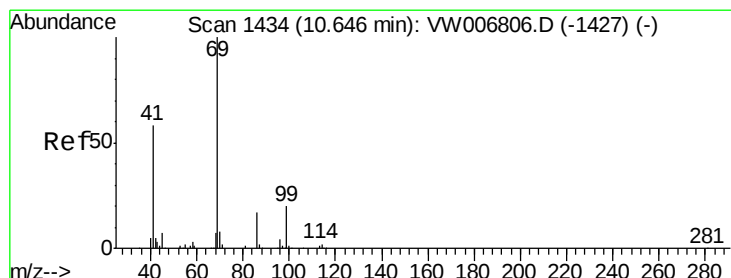
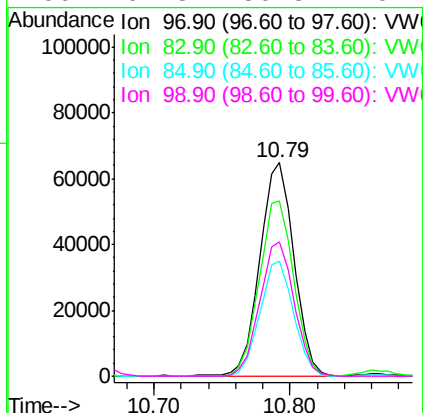
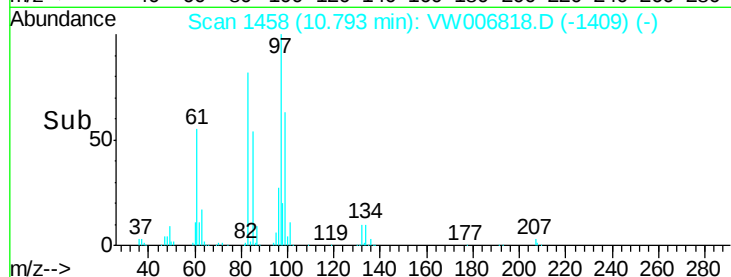
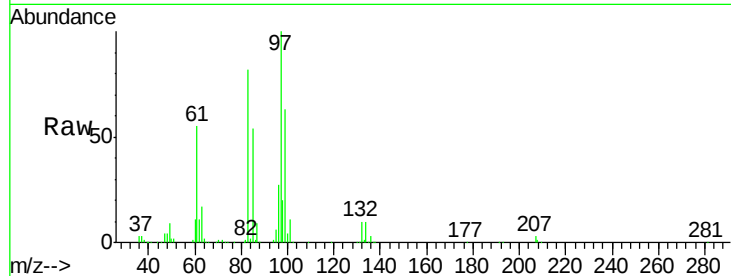
#55
 1,1,2-Trichloroethane
 Concen: 56.020 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	114388		
83	82.4	67.0	100.4	
85	54.0	41.7	62.5	
99	62.8	50.8	76.2	

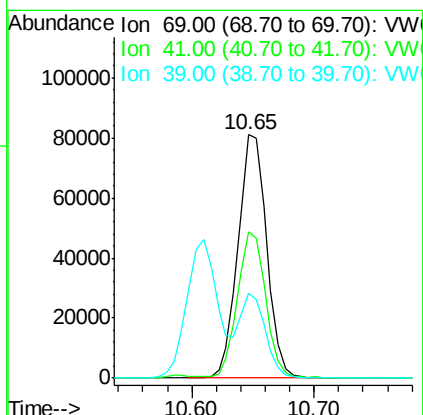
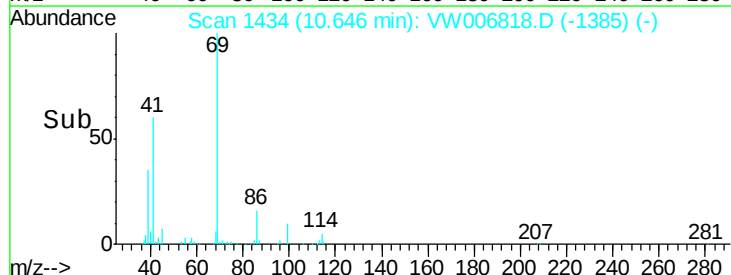
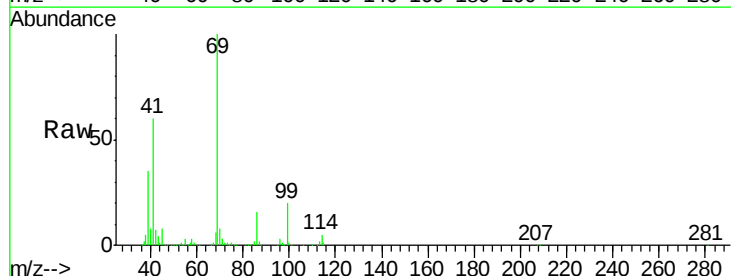
Manual Integrations
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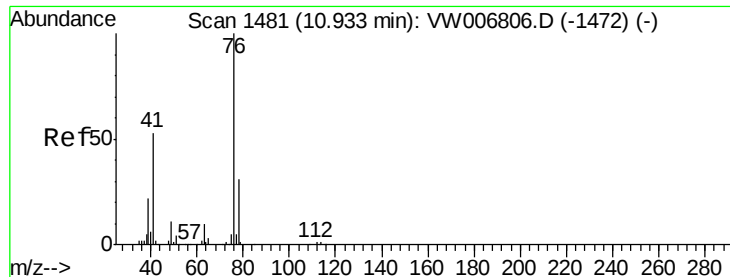
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#56
 Ethyl methacrylate
 Concen: 58.904 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	131817		
41	59.1	47.0	70.4	
39	30.0	23.1	34.7	





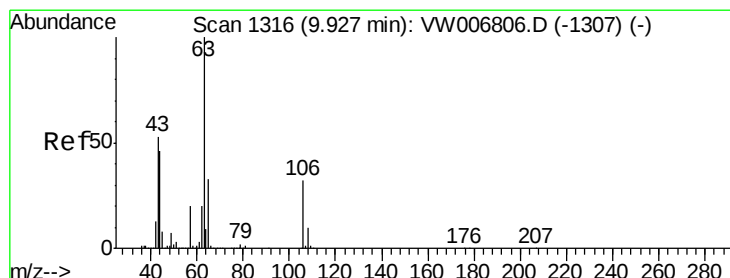
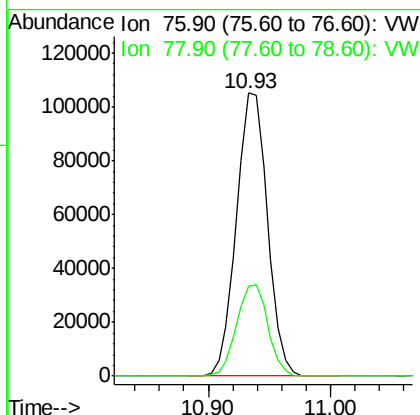
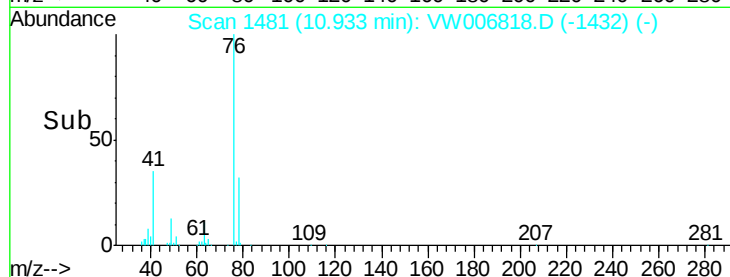
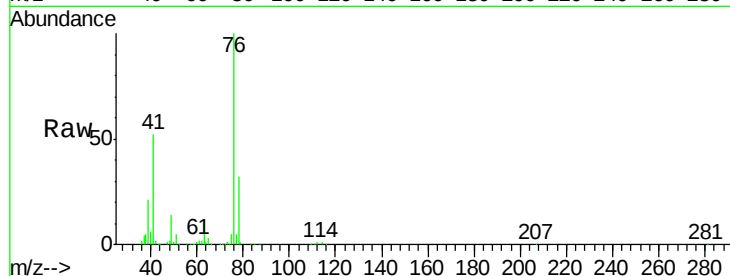
#57
 1,3-Dichloropropane
 Concen: 57.174 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tgt Ion: 76 Resp: 184888
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

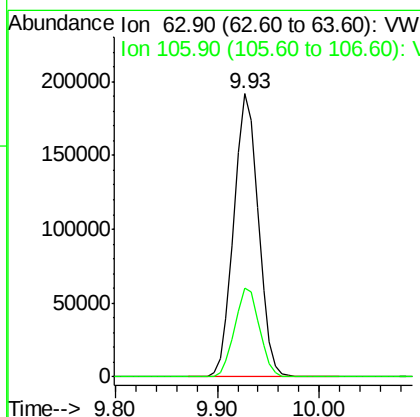
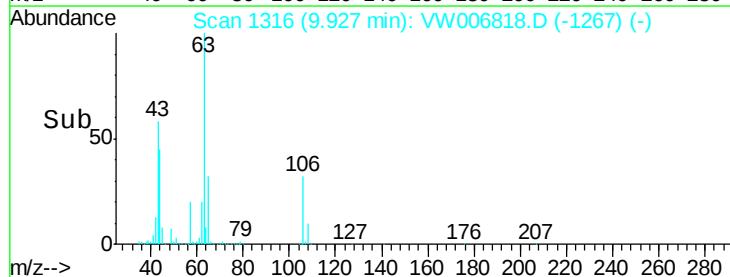
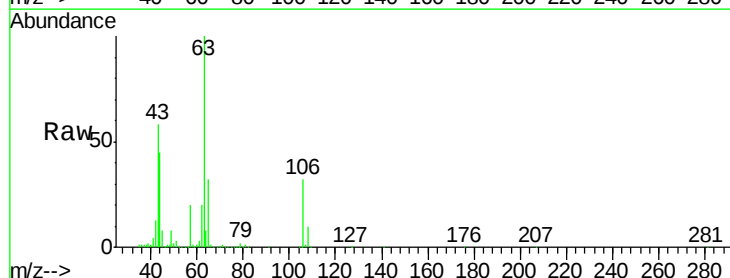
Manual Integrations
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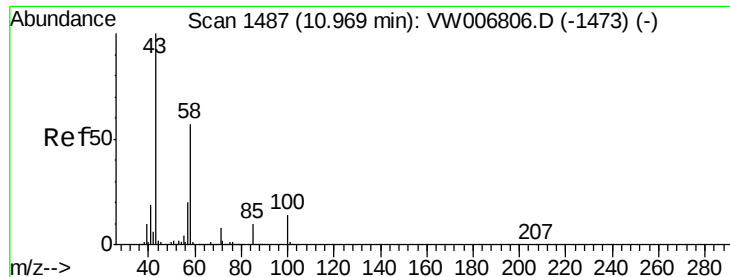
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 284.044 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Tgt Ion: 63 Resp: 318355
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.4 38.0





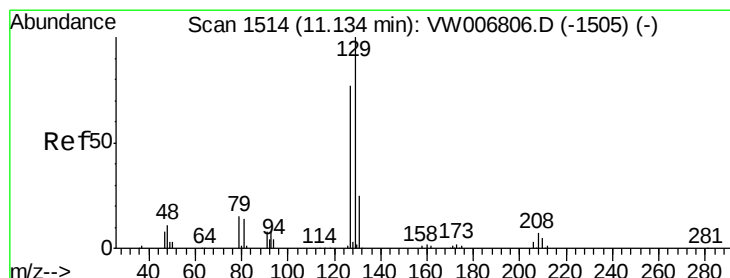
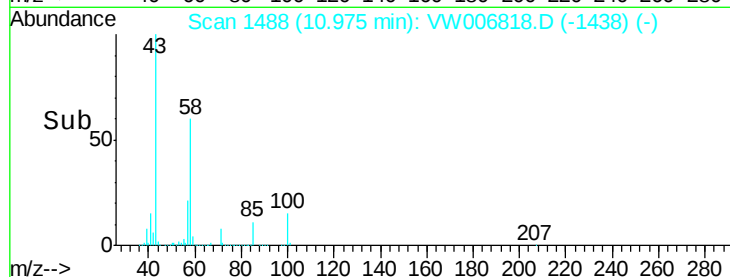
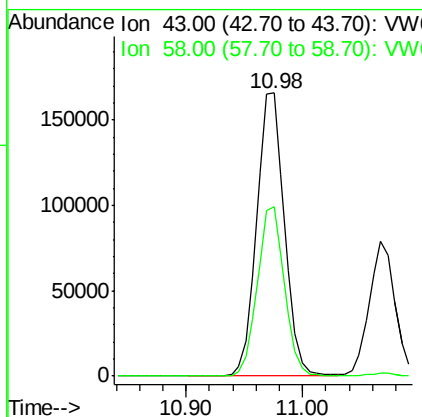
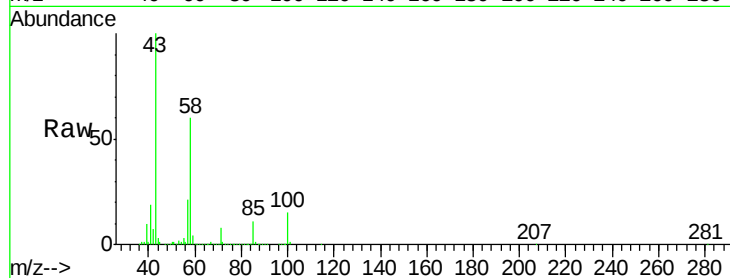
#59
2-Hexanone
Concen: 329.336 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion: 43 Resp: 276313
Ion Ratio Lower Upper
43 100
58 58.3 28.7 86.1

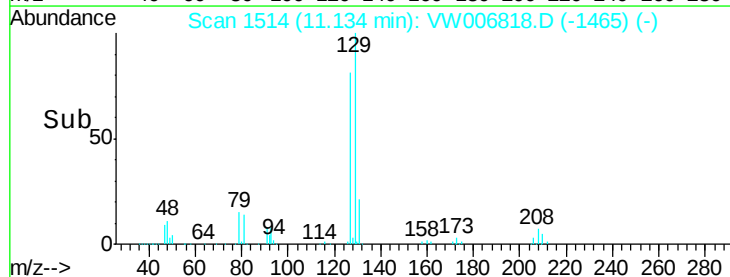
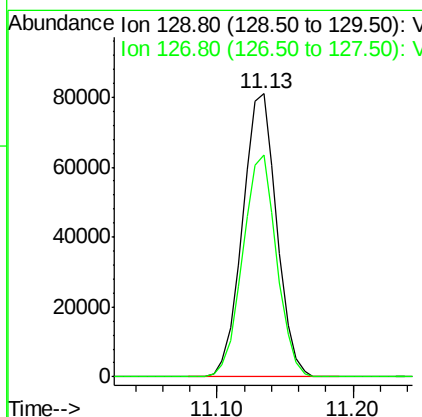
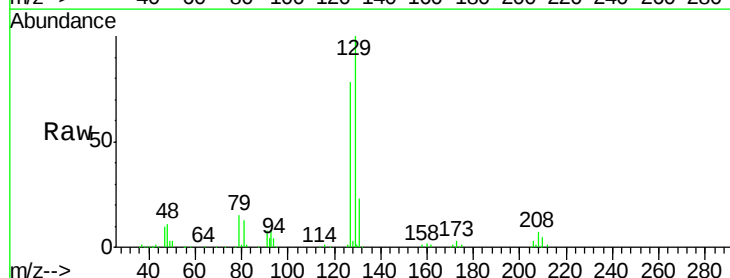
Manual Integrations
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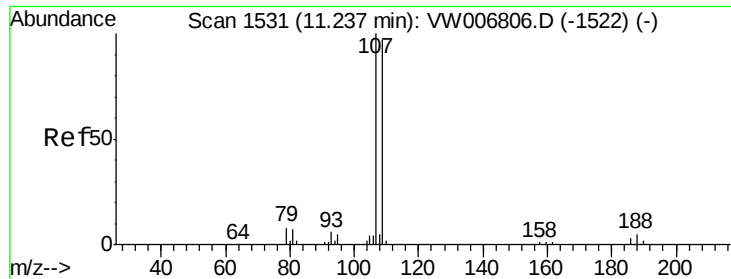
apatel
11/13/2018 3:55:56 PM



#60
Dibromochloromethane
Concen: 57.031 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion: 129 Resp: 142497
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





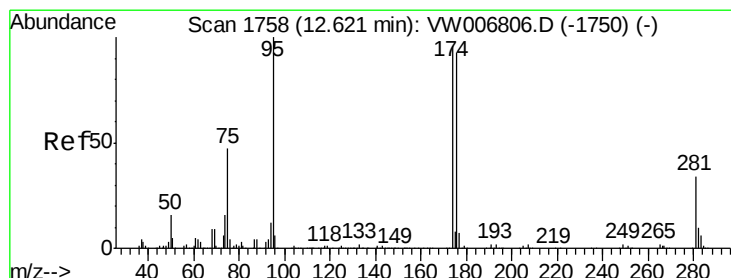
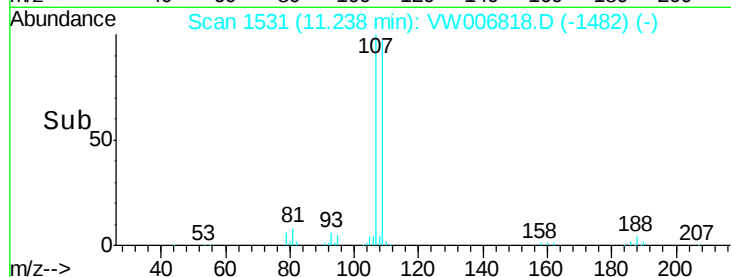
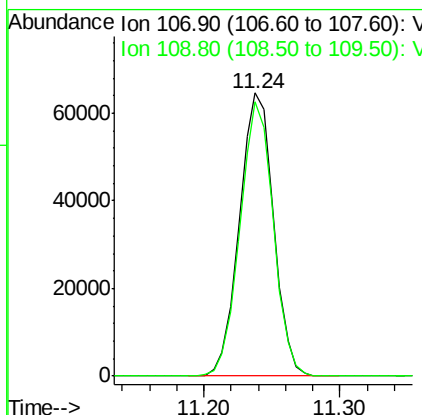
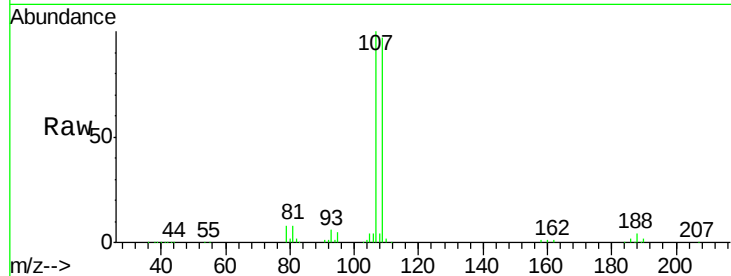
#61
 1,2-Dibromoethane
 Concen: 58.214 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tgt Ion: 107 Resp: 112893
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.7 115.1

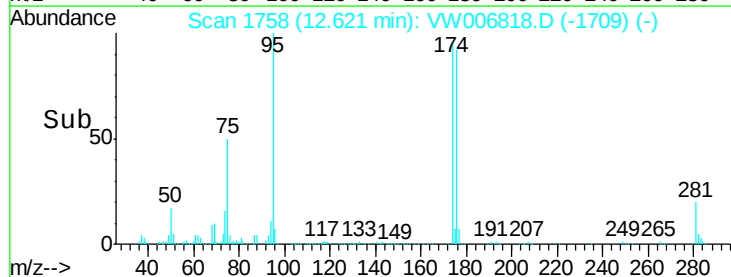
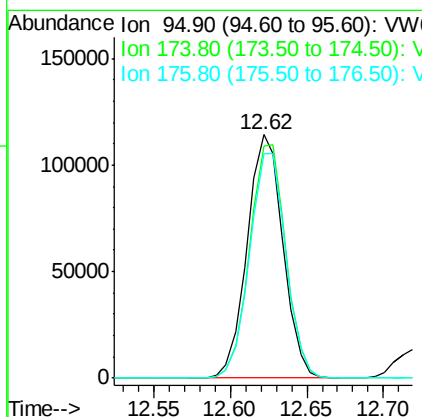
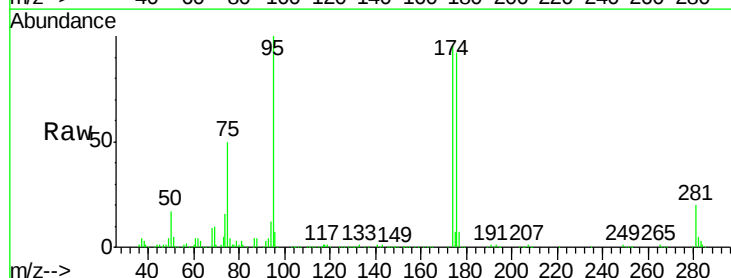
Manual Integrations
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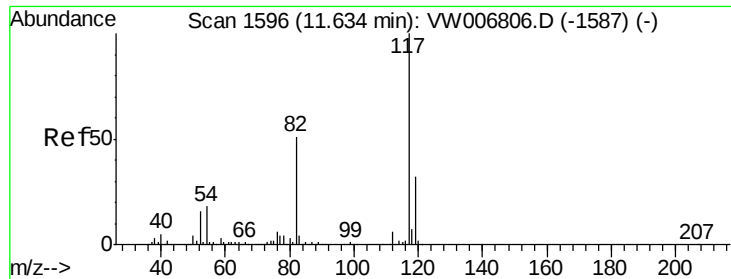
apatel
 11/13/2018 3:55:56 PM



#62
 4-Bromofluorobenzene
 Concen: 50.079 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Tgt Ion: 95 Resp: 185561
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 196.6
 176 93.9 0.0 191.6





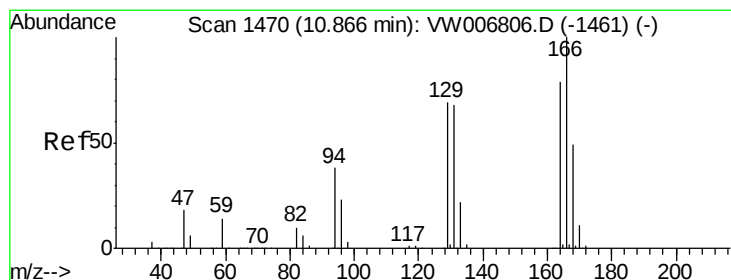
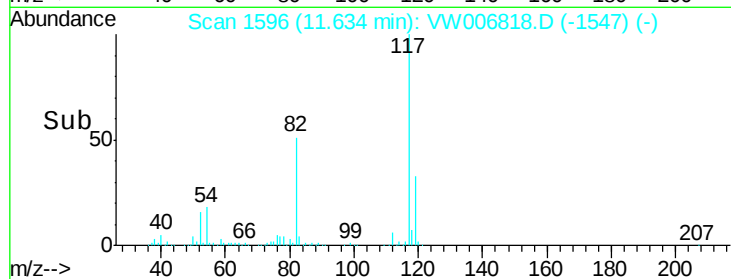
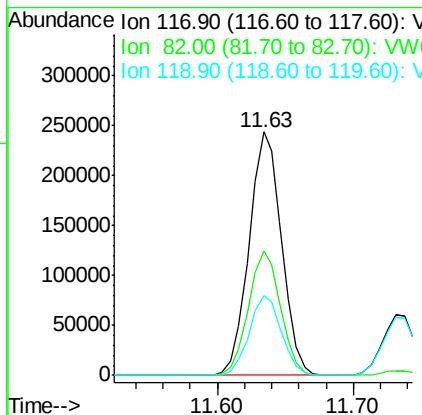
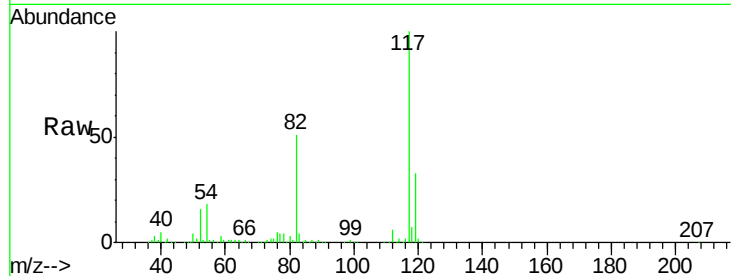
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	406427		
82	51.1	40.6	61.0	
119	32.6	25.5	38.3	

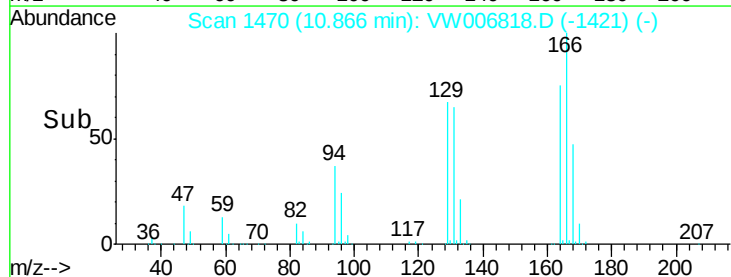
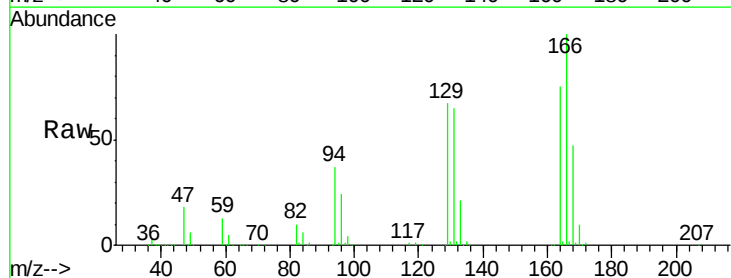
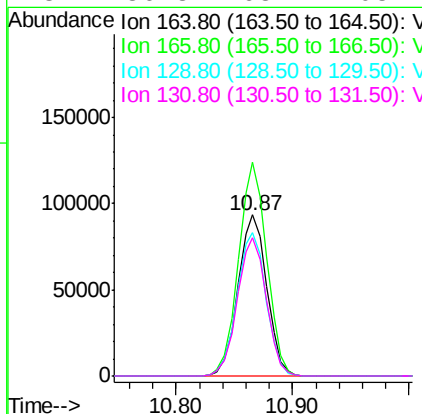
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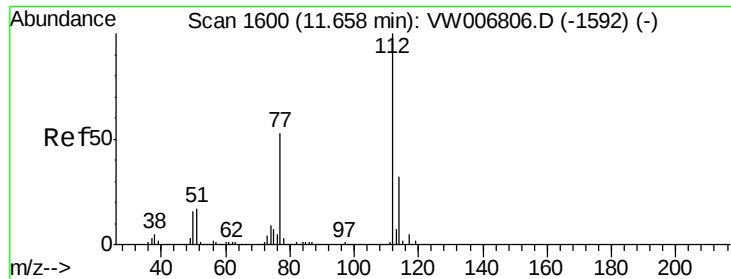
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#64
Tetrachloroethene
Concen: 49.357 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	160754		
166	132.8	101.3	151.9	
129	89.2	69.6	104.4	
131	86.3	68.7	103.1	





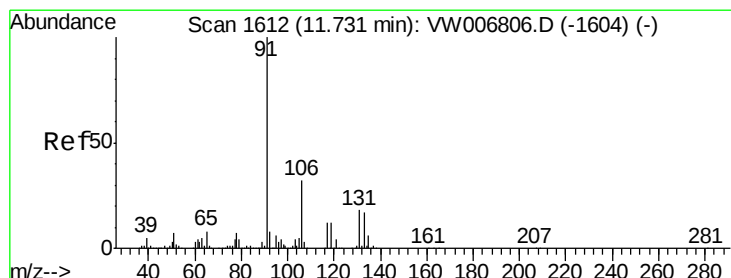
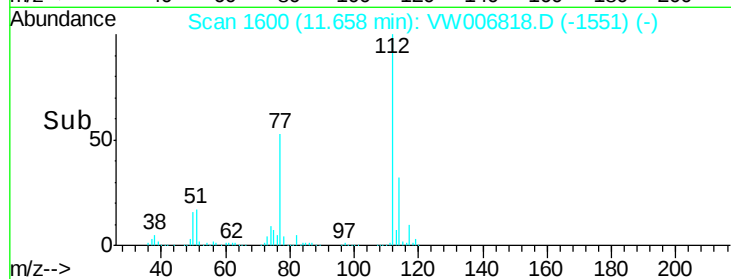
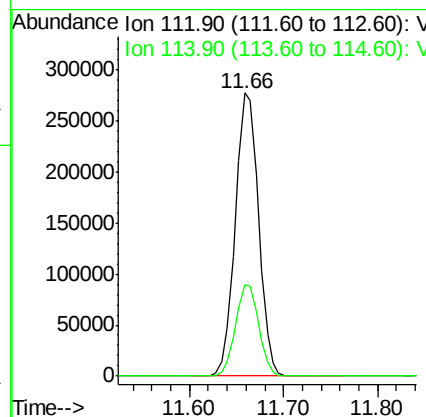
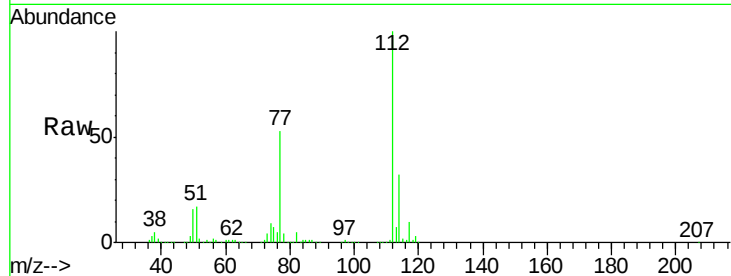
#65
Chlorobenzene
Concen: 52.703 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion:112 Resp: 475200
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

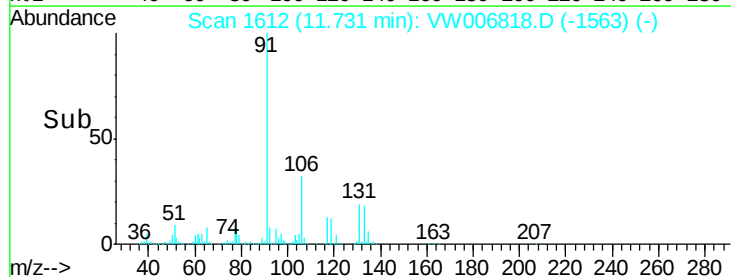
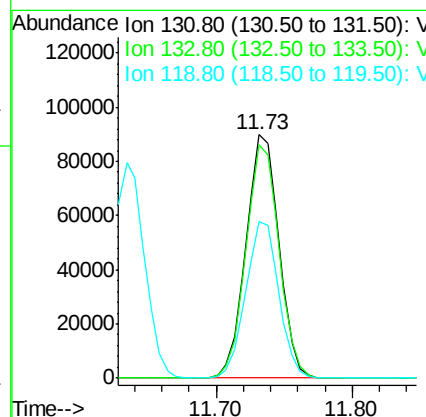
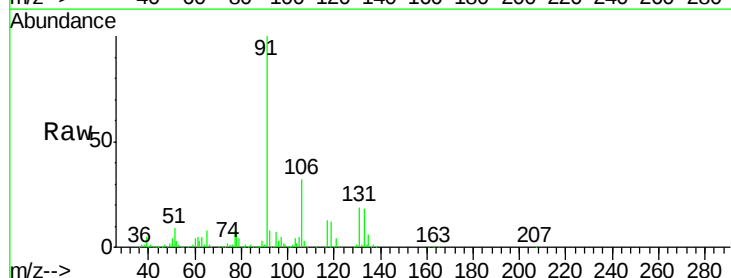
Manual Integrations
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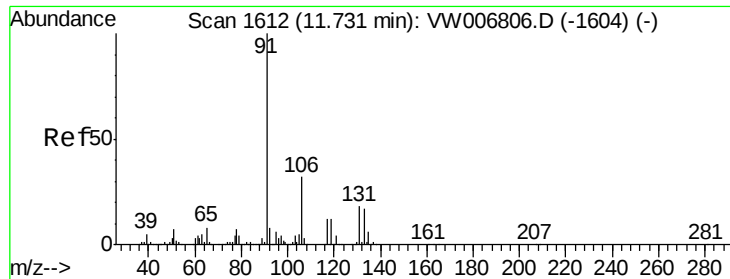
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.206 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion:131 Resp: 152743
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.8
119 64.4 32.4 97.2





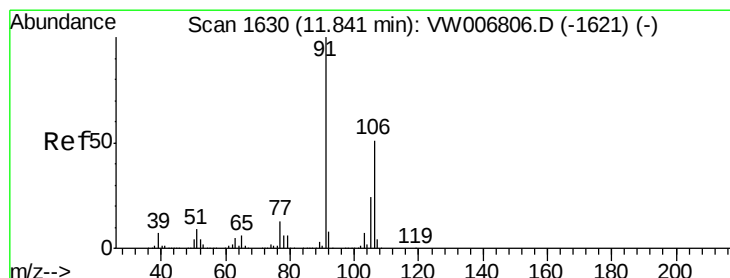
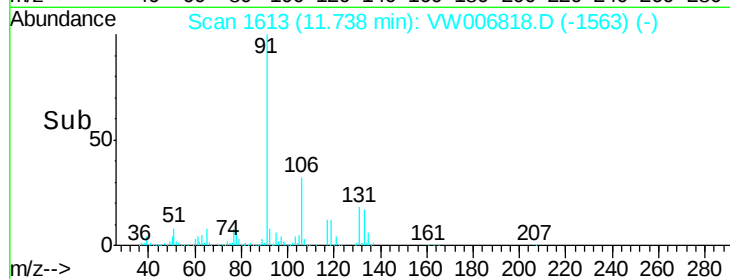
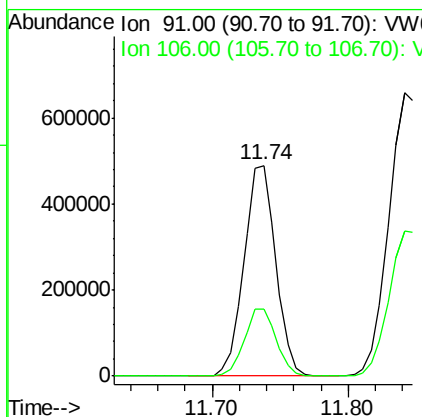
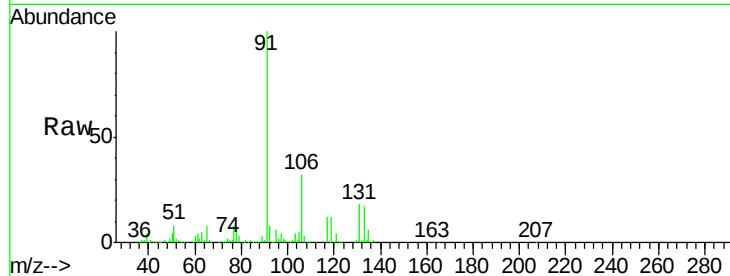
#67
Ethyl Benzene
Concen: 51.957 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion: 91 Resp: 798649
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0

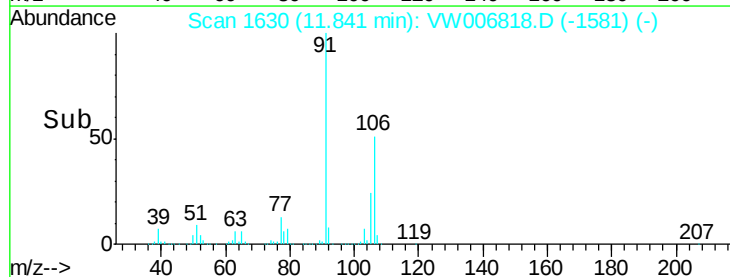
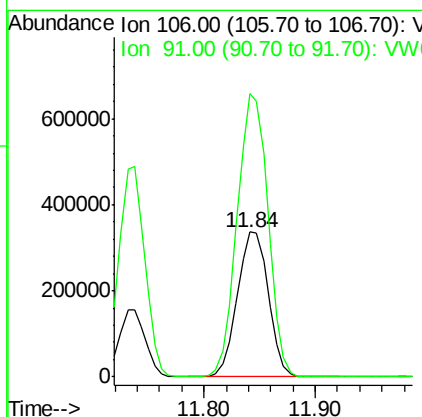
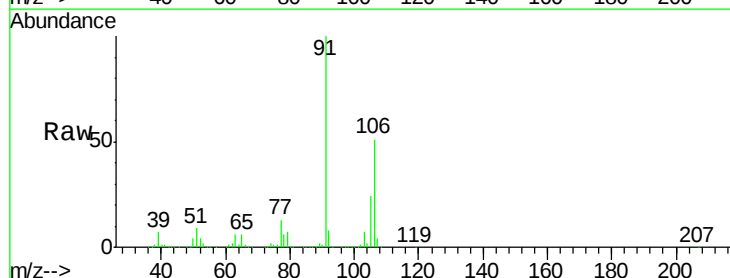
Manual Integrations
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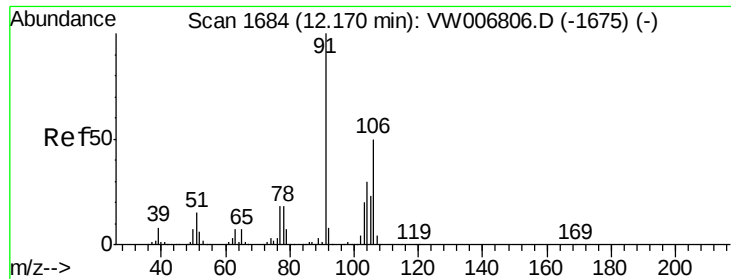
apatel
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#68
m/p-Xylenes
Concen: 103.453 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion: 106 Resp: 650637
Ion Ratio Lower Upper
106 100
91 193.8 155.7 233.5





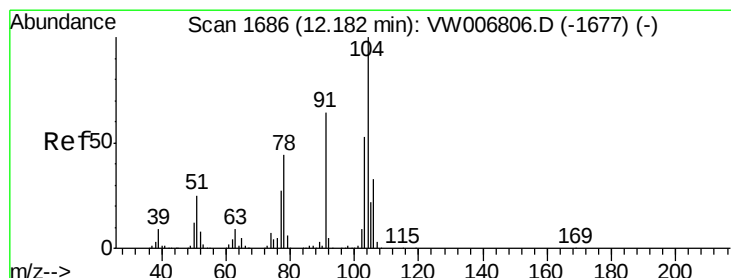
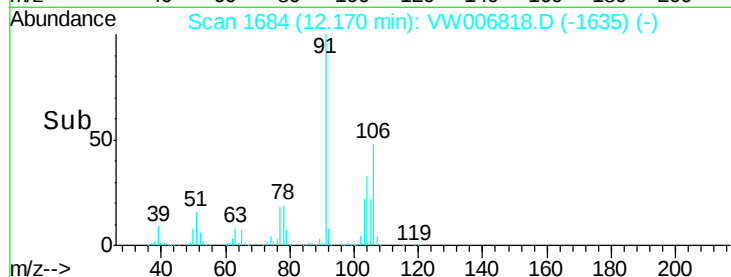
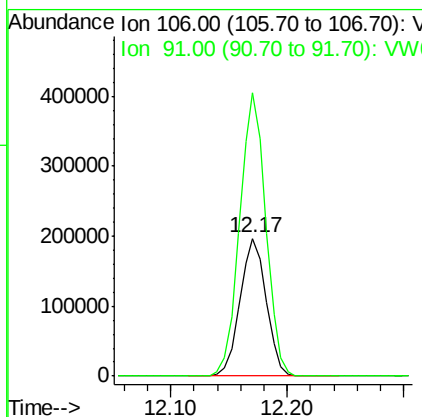
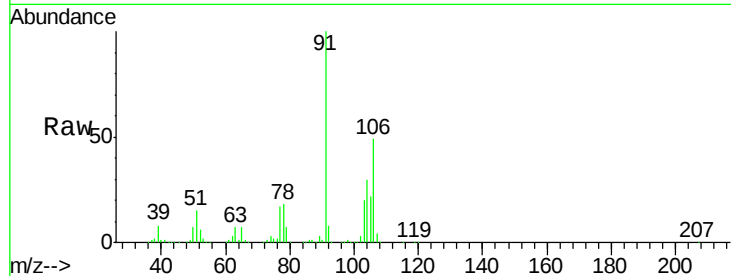
#69
o-Xylene
Concen: 52.869 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion:106 Resp: 309458
Ion Ratio Lower Upper
106 100
91 204.7 101.9 305.7

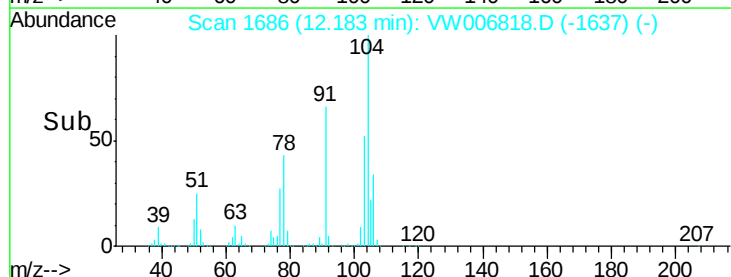
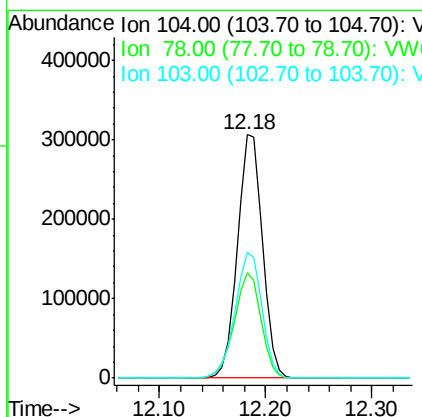
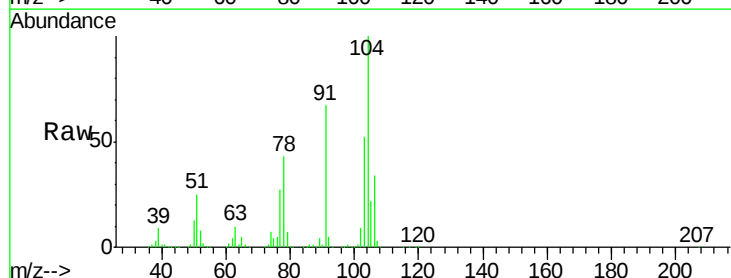
Manual Integrations
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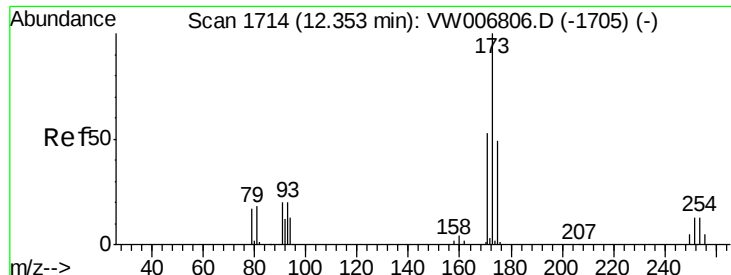
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#70
Styrene
Concen: 54.285 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion:104 Resp: 508567
Ion Ratio Lower Upper
104 100
78 46.2 37.3 55.9
103 55.3 44.6 66.8





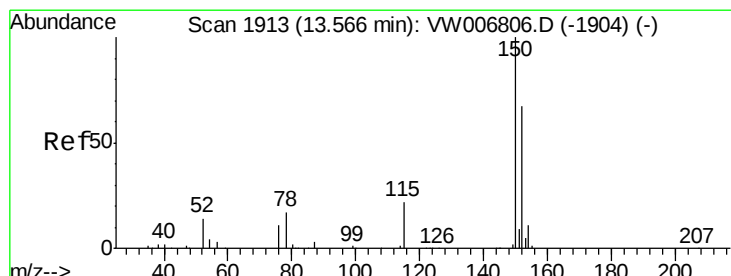
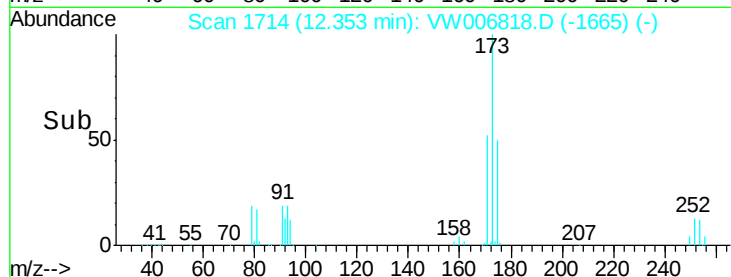
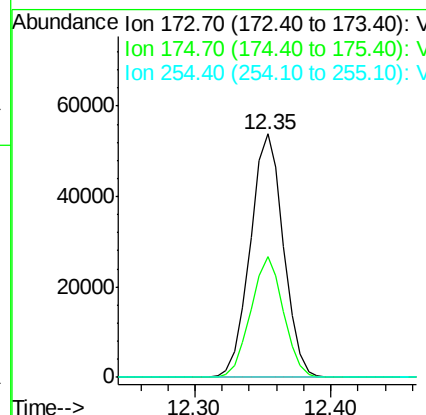
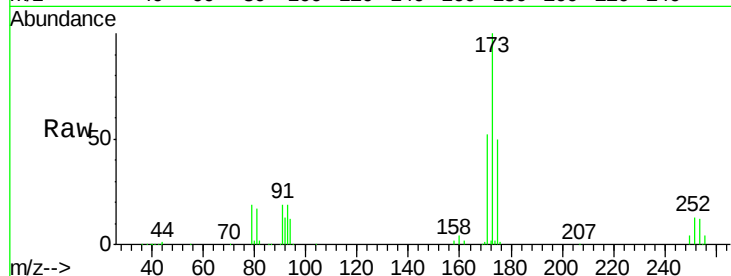
#71
Bromoform
Concen: 57.600 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.4	73.4
254	0.1	0.1	0.1

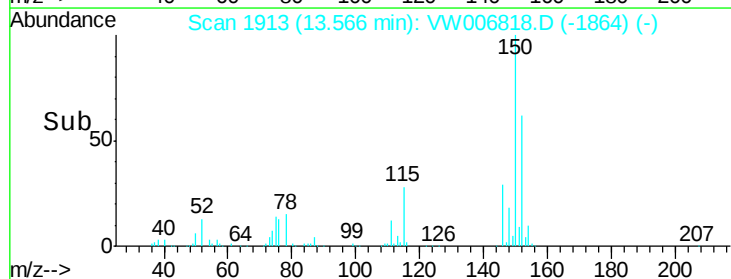
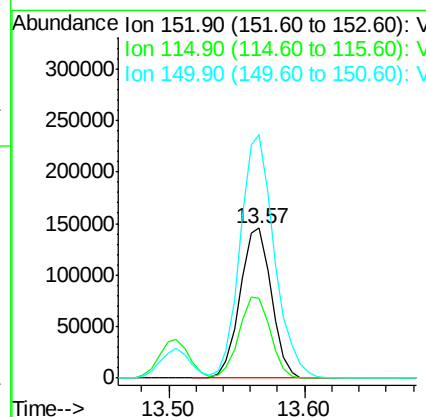
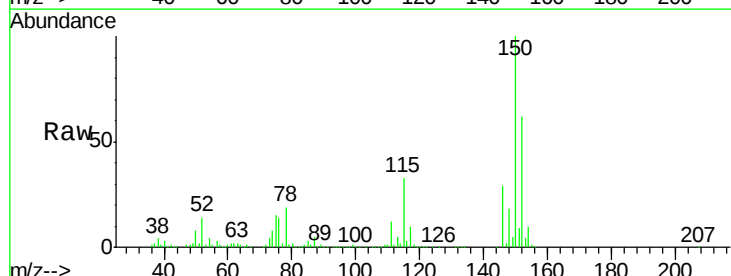
Manual Integrations
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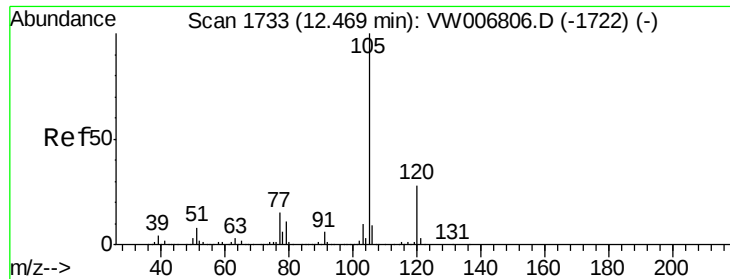
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.3	81.8
150	176.4	0.0	353.0





#73

Isopropylbenzene

Concen: 51.034 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion: 105 Resp: 828523

Ion Ratio Lower Upper

105 100

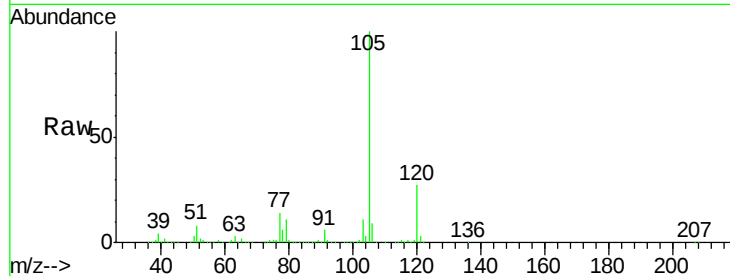
120 27.4 14.0 42.0

Manual Integrations

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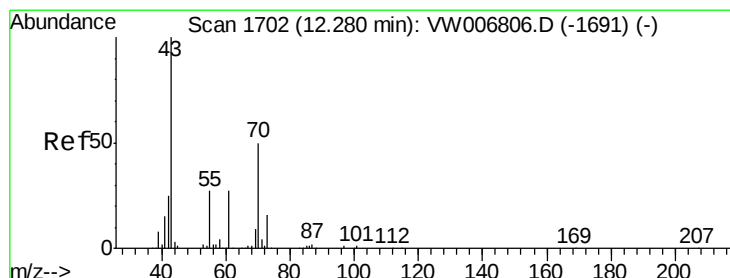
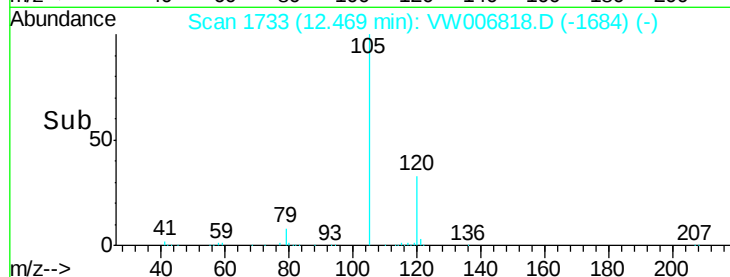
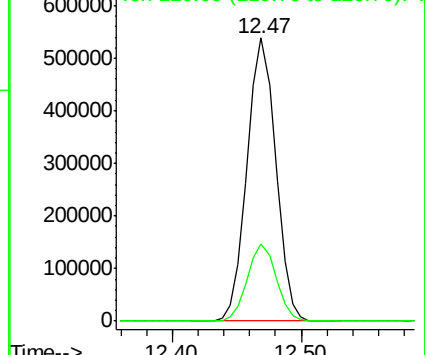
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.766 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Tgt Ion: 43 Resp: 136891

Ion Ratio Lower Upper

43 100

70 48.3 39.0 58.4

55 27.3 22.1 33.1

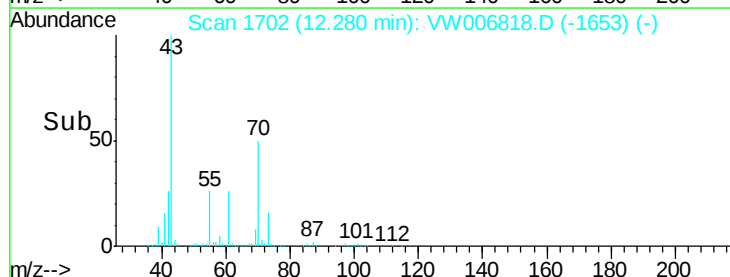
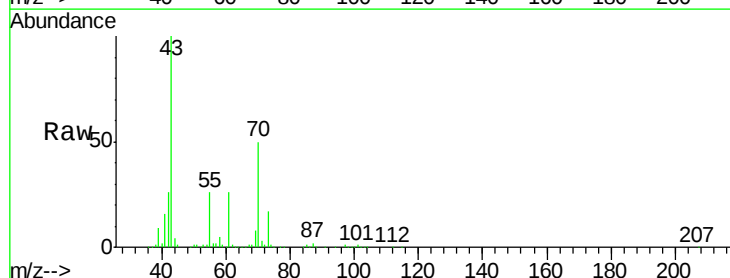
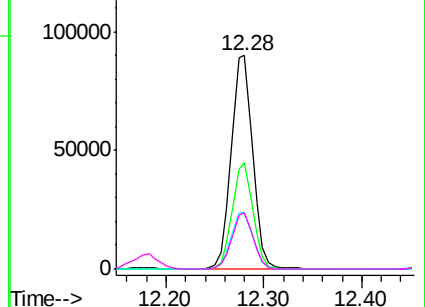
61 26.2 21.1 31.7

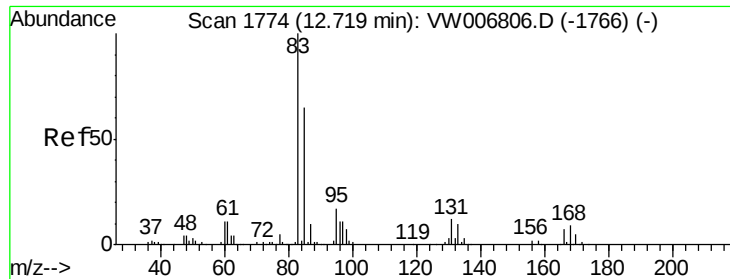
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 58.761 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

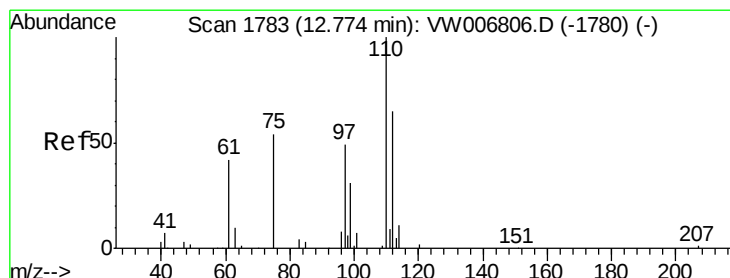
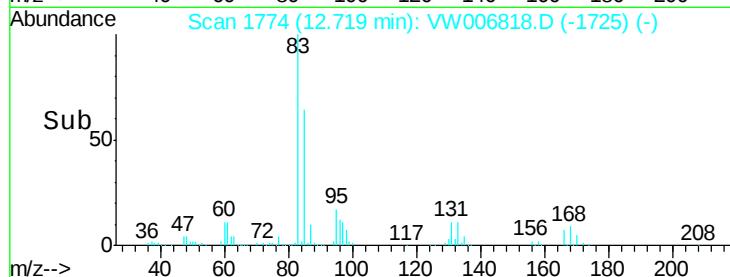
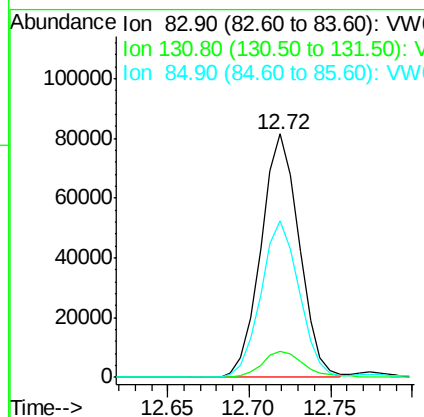
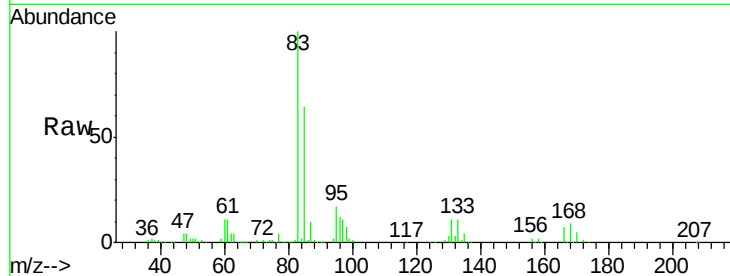
ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion:	83	Resp:	131965
Ion Ratio	Lower	Upper	
83	100		
131	11.8	6.1	18.3
85	64.6	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 58.923 ug/l m

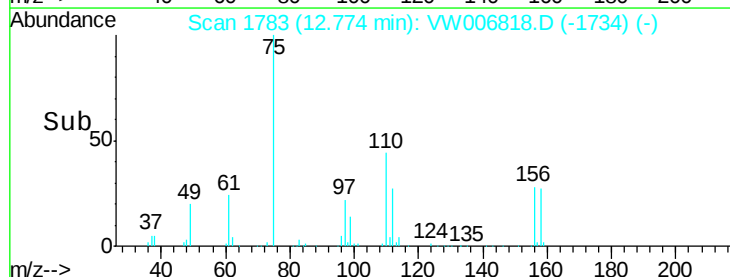
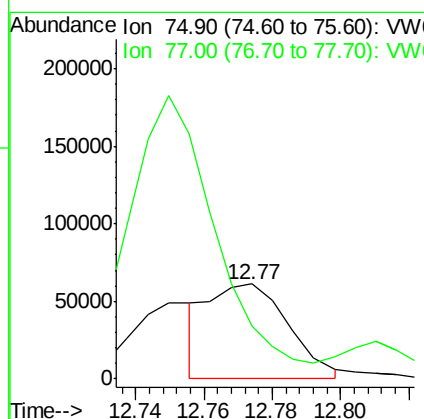
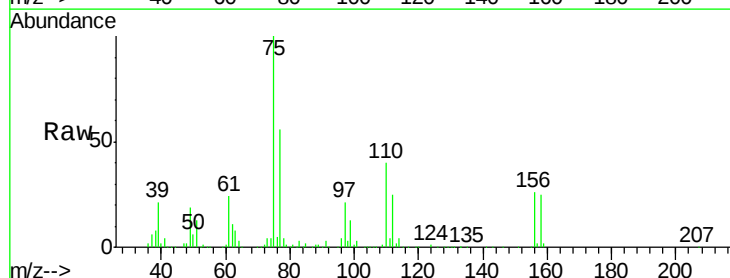
RT: 12.77 min Scan# 1783

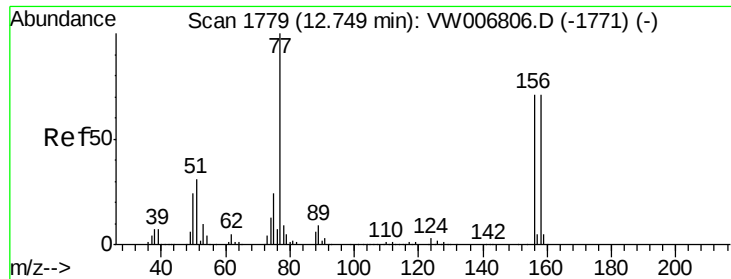
Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Tgt Ion:	75	Resp:	99314
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.198 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

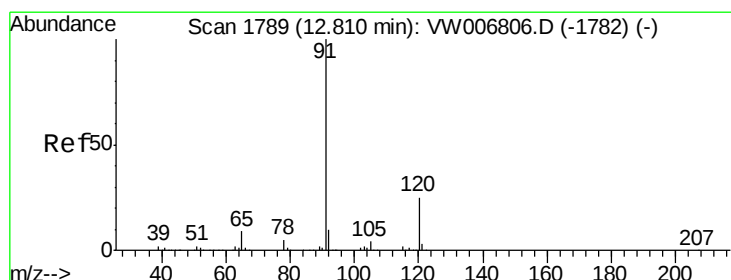
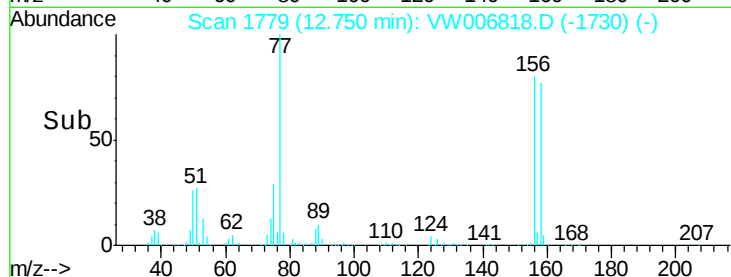
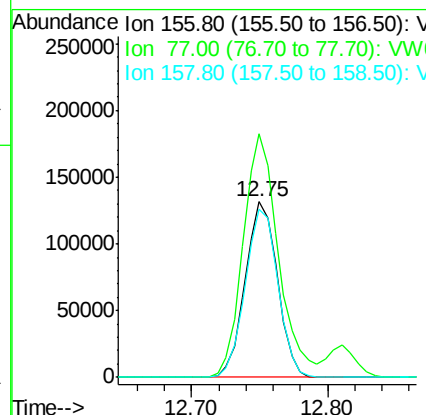
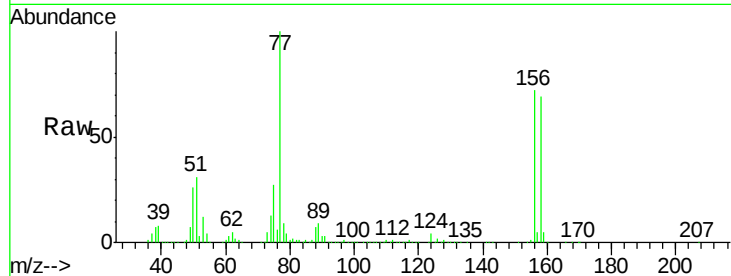
ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
156	100		
77	151.6	75.3	225.7
158	97.3	49.2	147.6

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#78

n-propylbenzene

Concen: 50.285 ug/l

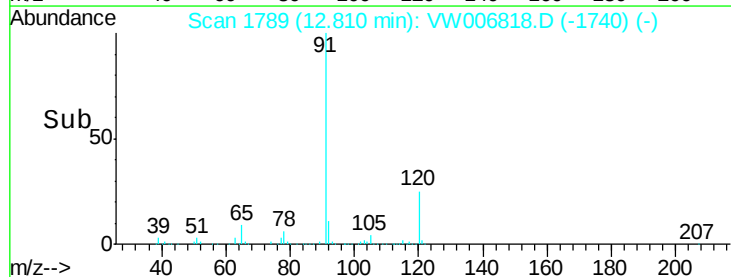
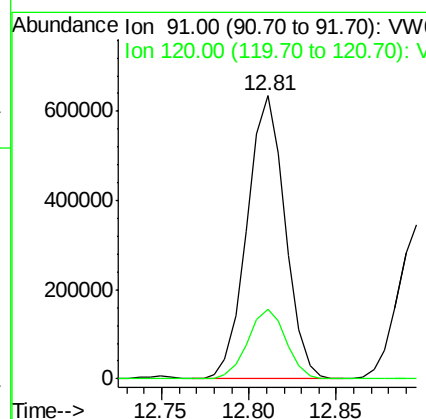
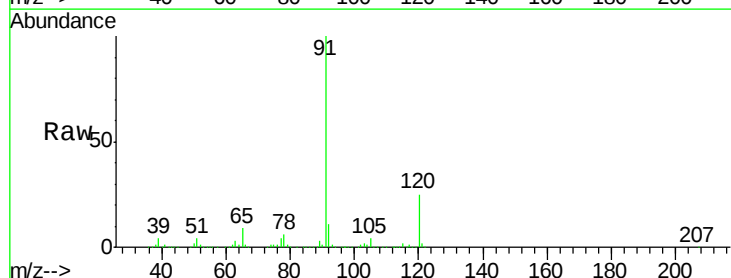
RT: 12.81 min Scan# 1789

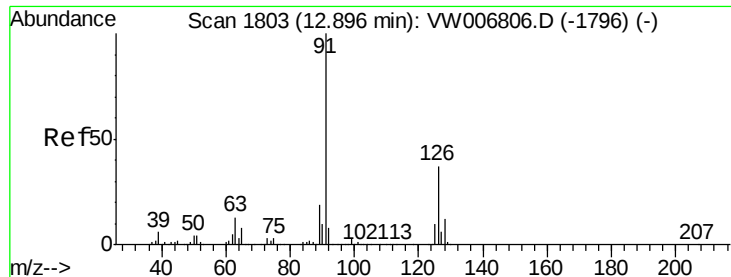
Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.4





#79

2-Chlorotoluene

Concen: 50.871 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion: 91 Resp: 546861

Ion Ratio Lower Upper

91 100

126 37.1

18.5

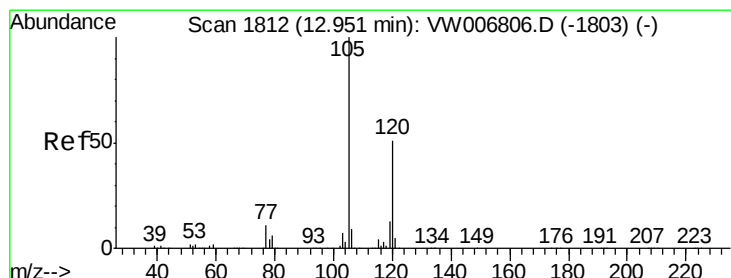
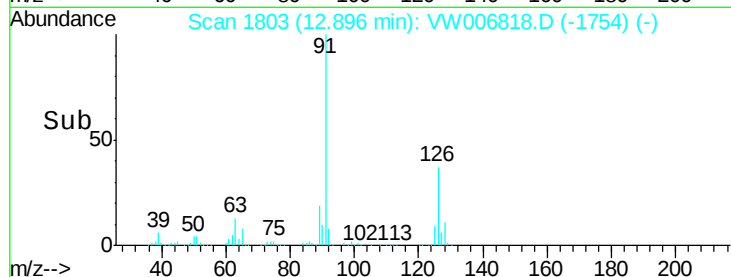
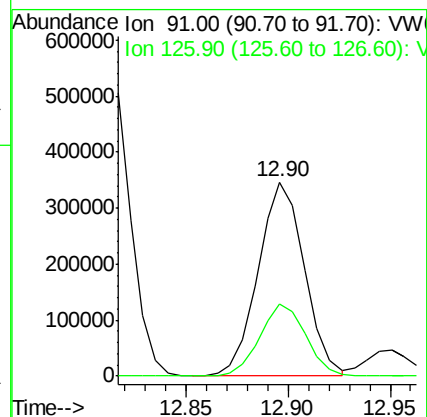
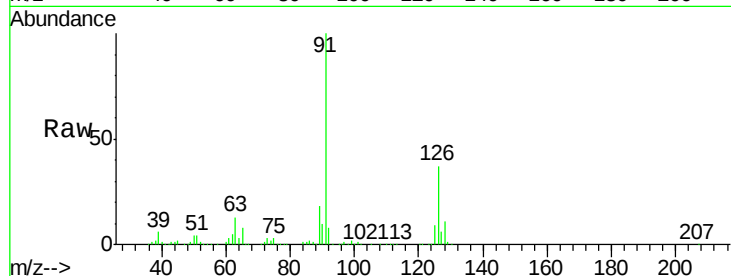
55.5

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#80

1,3,5-Trimethylbenzene

Concen: 50.654 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Tgt Ion: 105 Resp: 706944

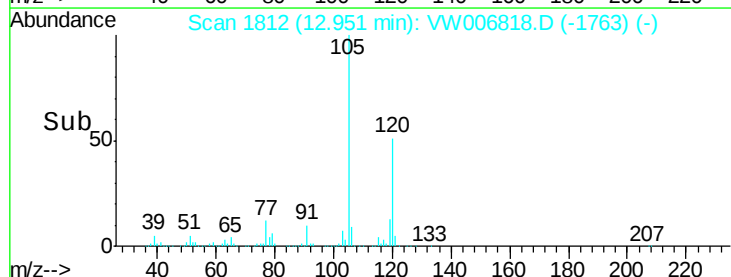
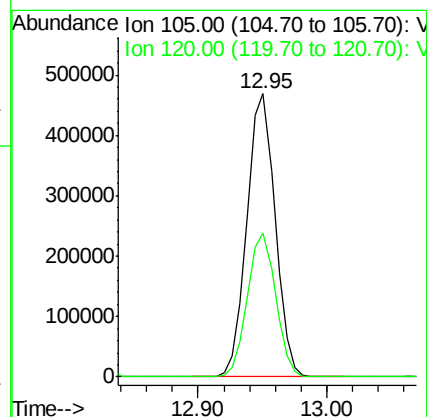
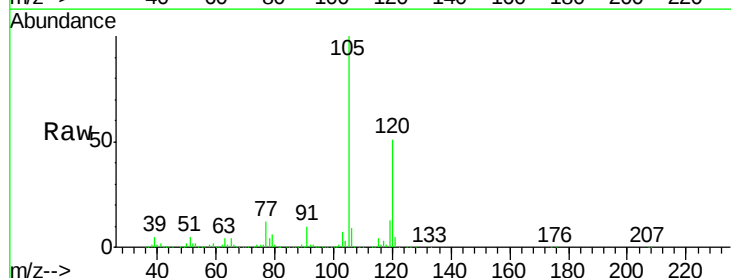
Ion Ratio Lower Upper

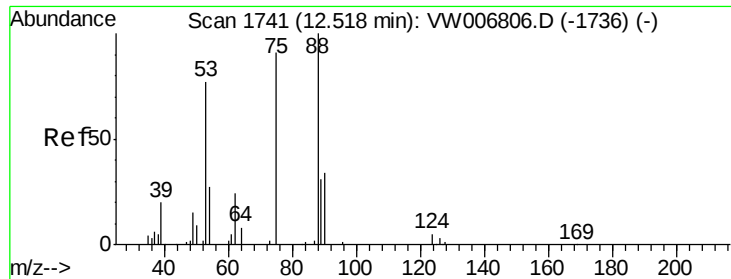
105 100

120 50.9

25.3

75.9





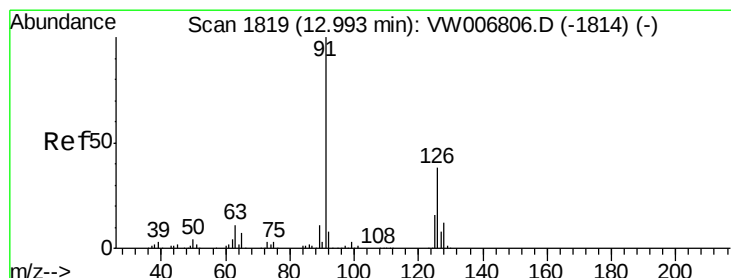
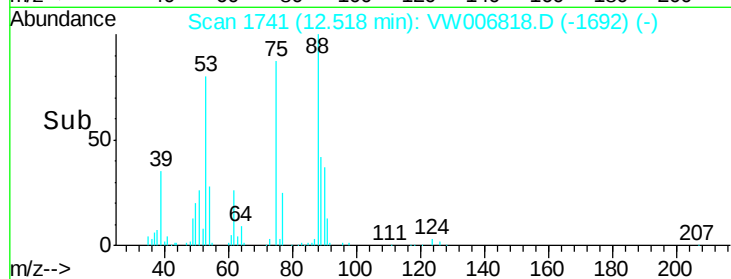
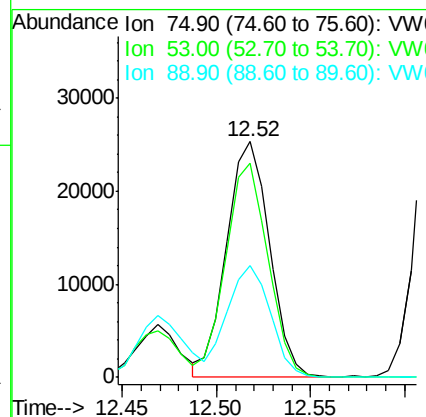
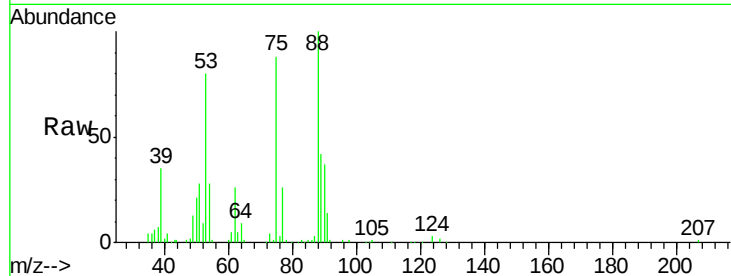
#81
trans-1,4-Dichloro-2-butene
Concen: 58.569 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.3	72.9	109.3
89	47.9	38.7	58.1

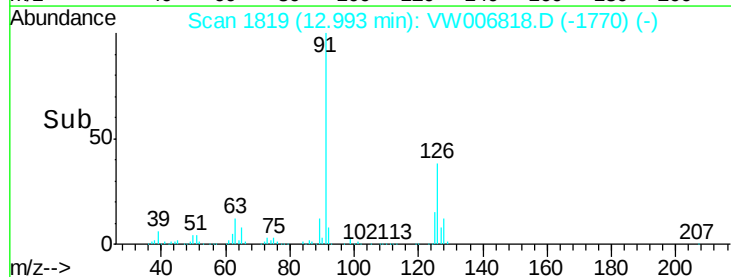
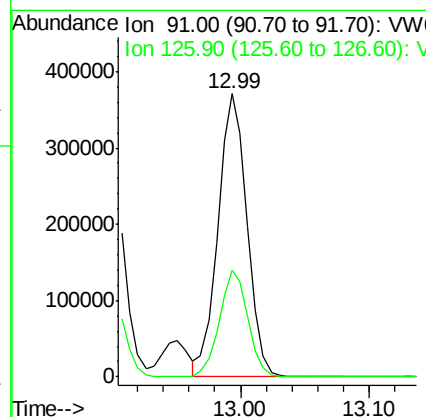
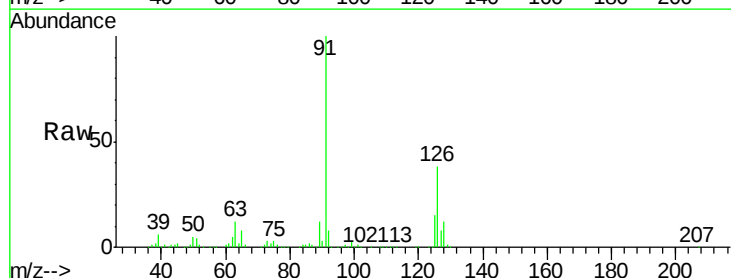
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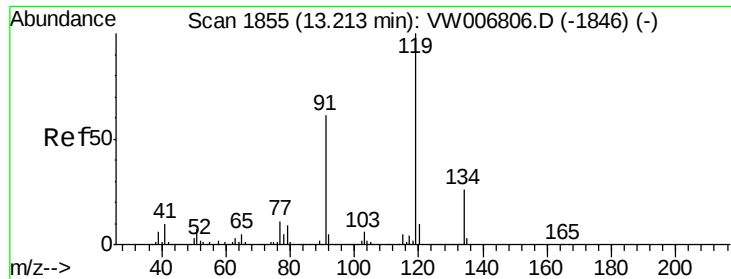
apatel
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#82
4-Chlorotoluene
Concen: 50.880 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.4	55.2





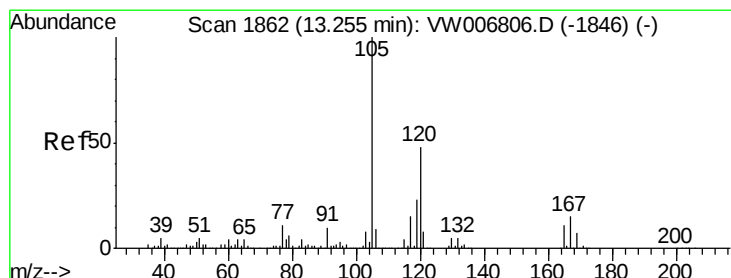
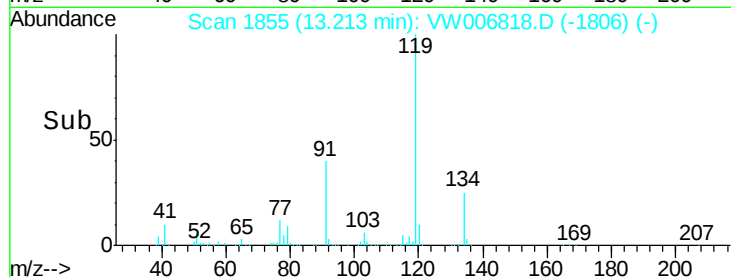
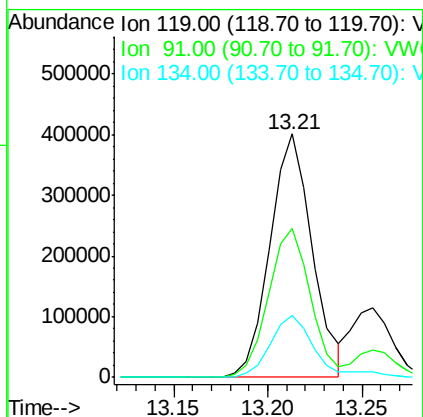
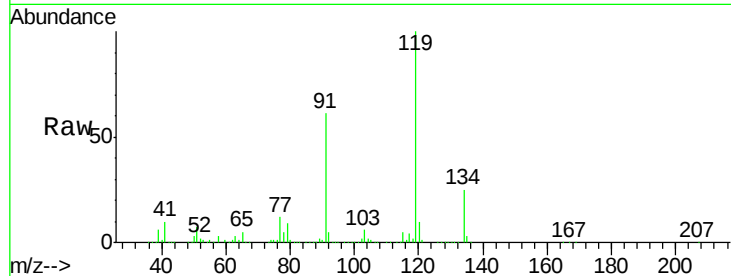
#83
 tert-Butylbenzene
 Concen: 50.438 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.0	90.1
134	26.9	13.4	40.2

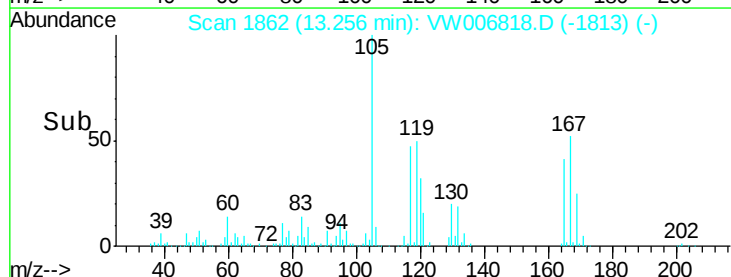
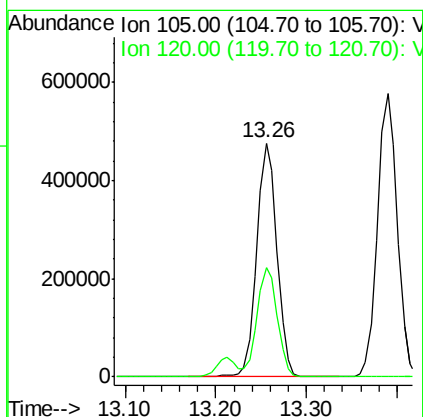
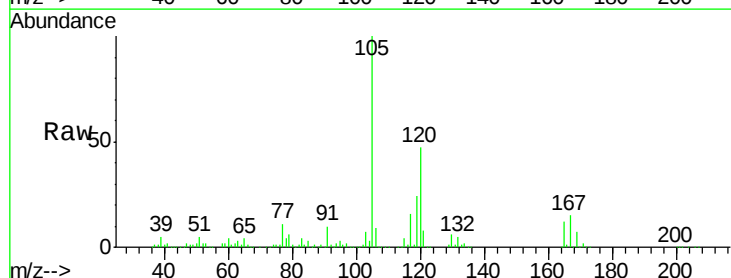
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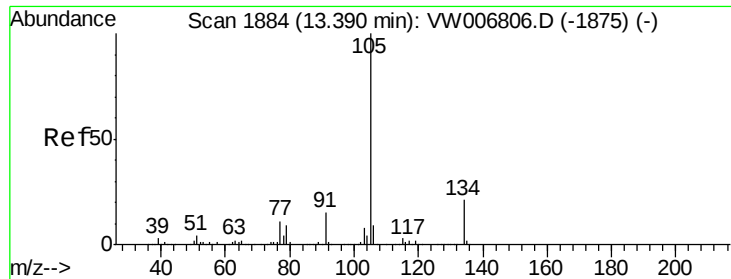
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.571 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.0





#85

sec-Butylbenzene

Concen: 49.737 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion:105 Resp: 869472

Ion Ratio Lower Upper

105 100

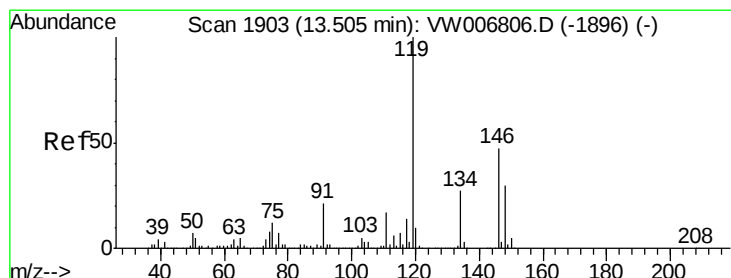
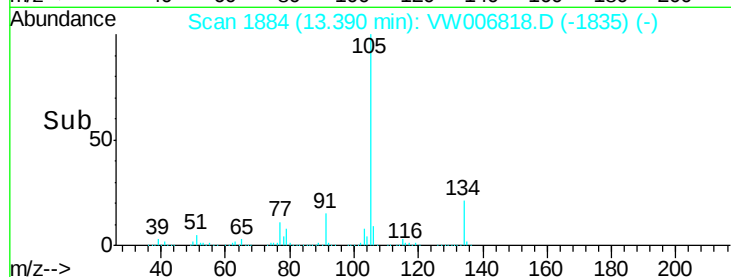
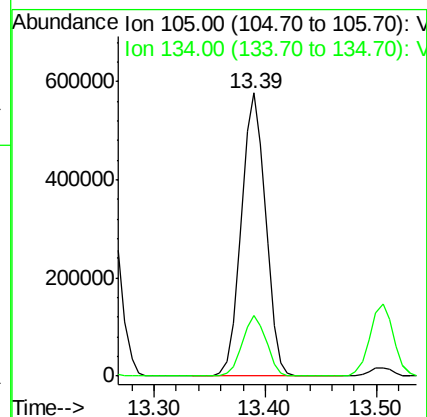
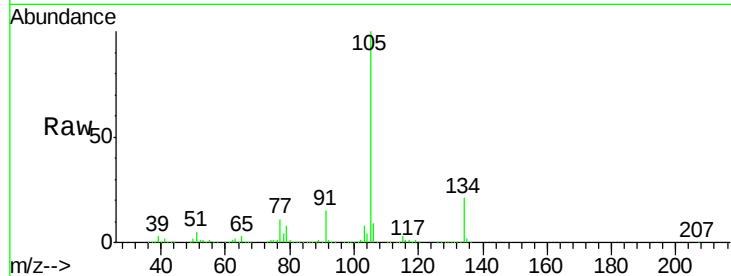
134 21.1 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.783 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

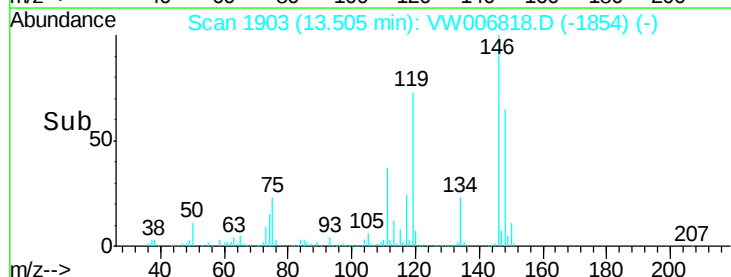
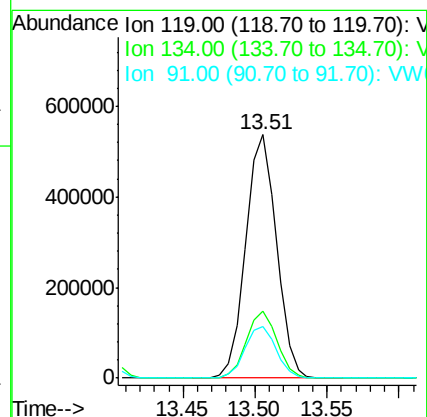
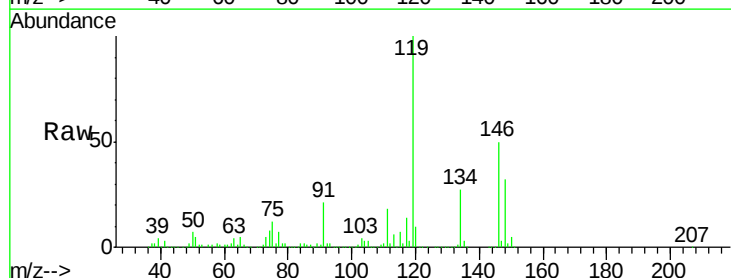
Tgt Ion:119 Resp: 791597

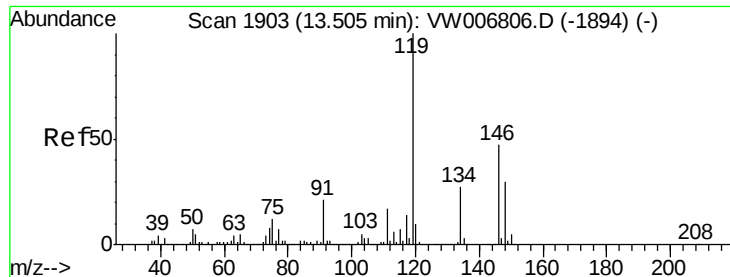
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

91 21.7 10.8 32.4





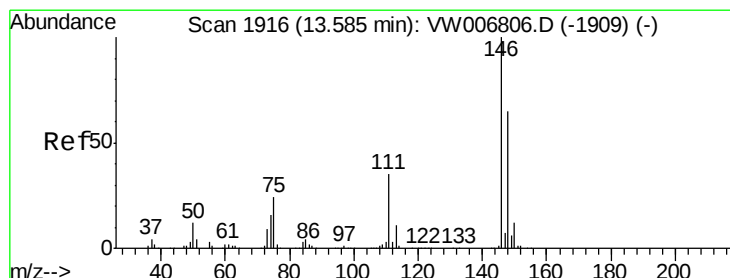
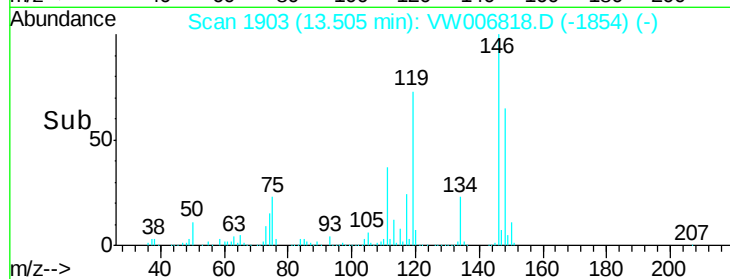
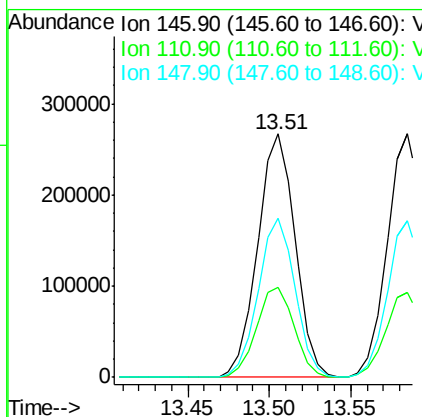
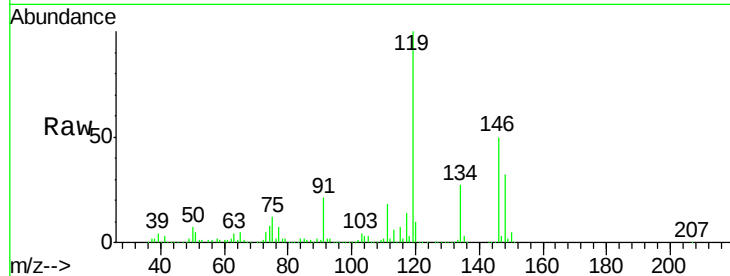
#87
 1,3-Dichlorobenzene
 Concen: 51.046 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.3	54.9
148	64.5	31.9	95.9

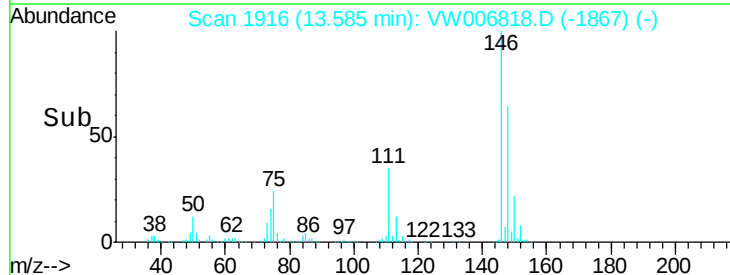
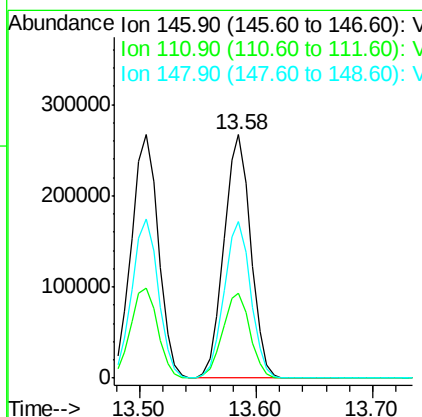
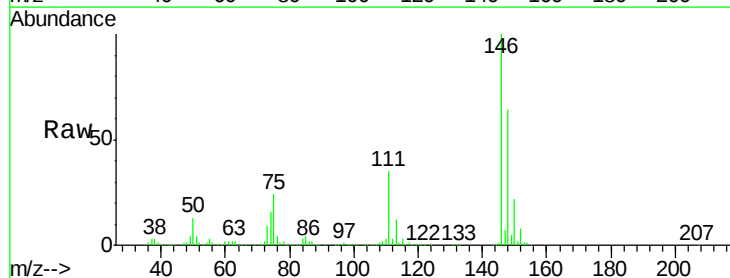
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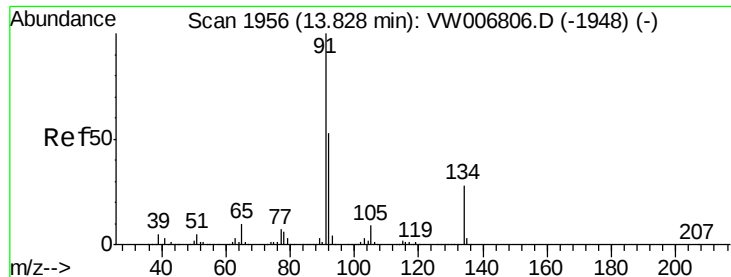
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#88
 1,4-Dichlorobenzene
 Concen: 51.510 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.3
148	64.1	32.0	96.0





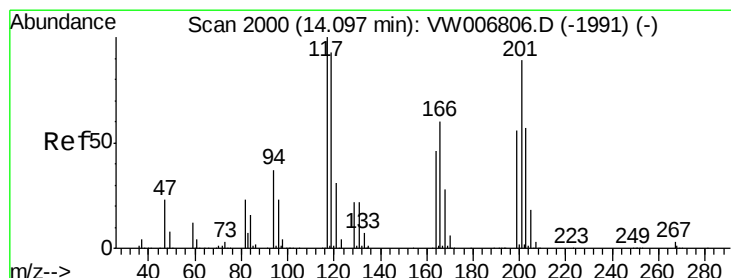
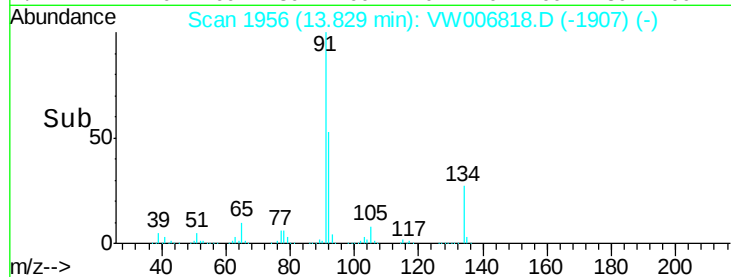
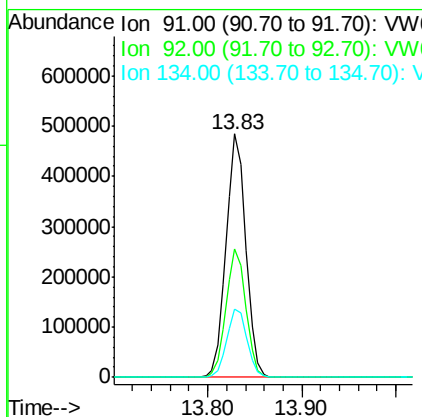
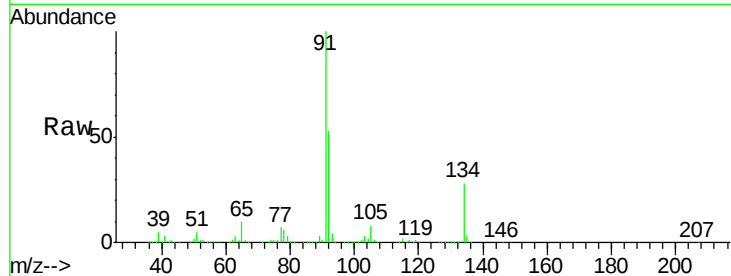
#89
n-Butylbenzene
Concen: 48.417 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.4
134	28.8	14.4	43.2

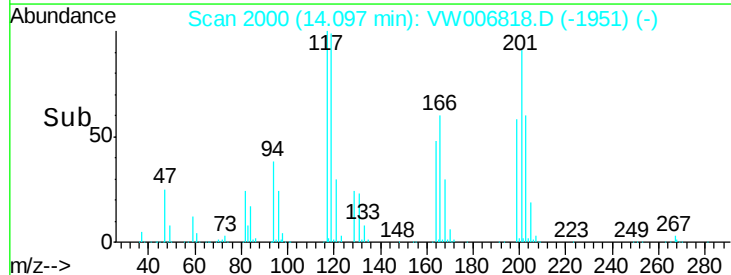
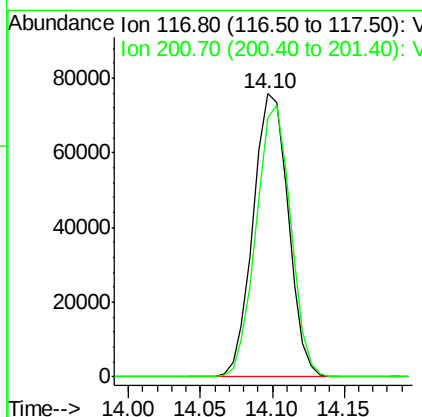
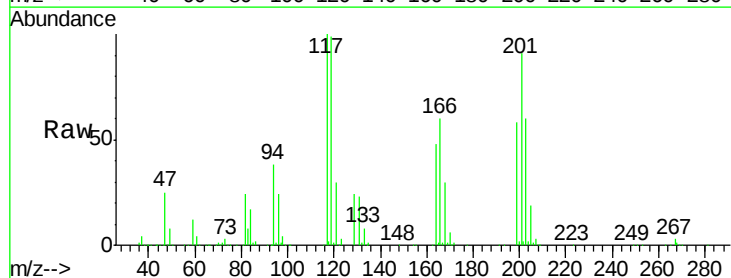
Manual Integrations
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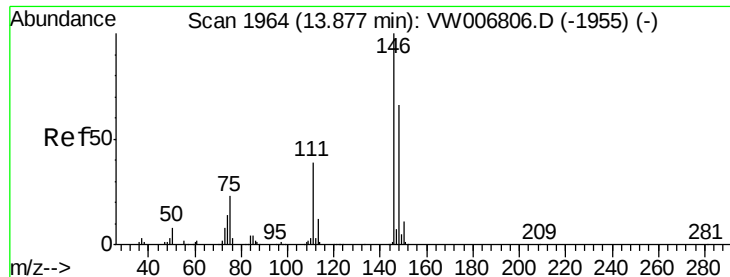
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#90
Hexachloroethane
Concen: 50.292 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.1	46.9	140.6





#91

1,2-Dichlorobenzene

Concen: 53.404 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Instrument :

MSVOA_W

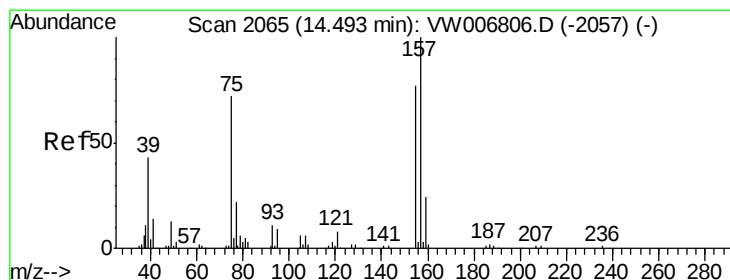
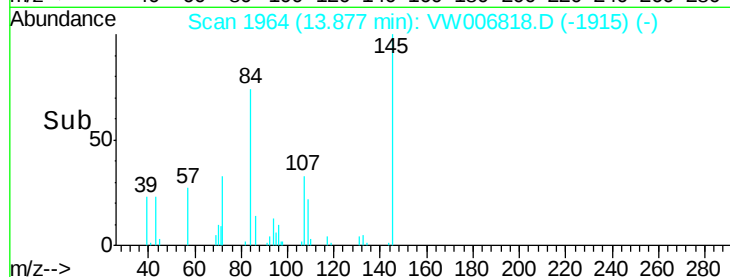
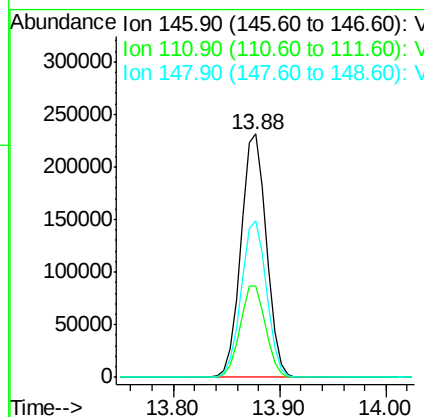
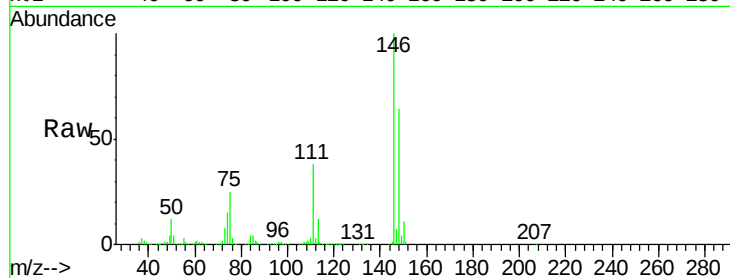
ClientSampleId :

EP2-SB-104(15-17)MSD

Tgt Ion:	146	Resp:	387963
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.3	57.8
148	64.1	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 60.395 ug/l

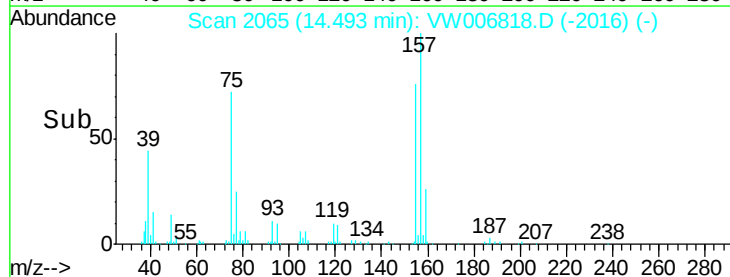
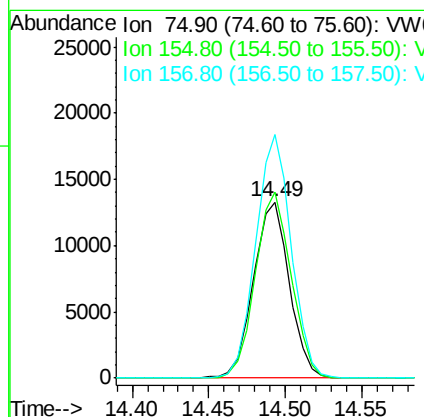
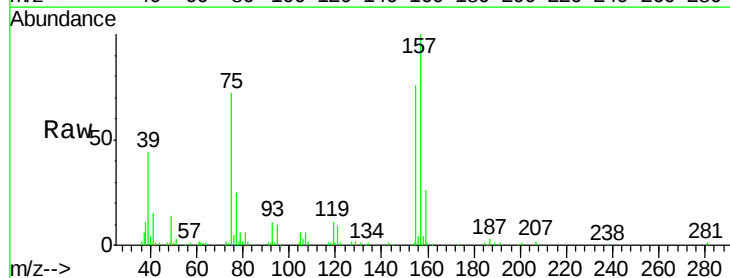
RT: 14.49 min Scan# 2065

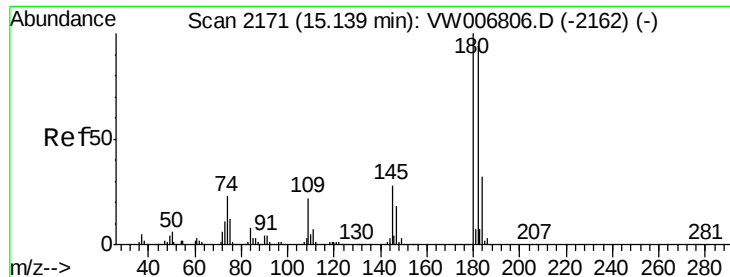
Delta R.T. 0.00 min

Lab File: VW006818.D

Acq: 12 Nov 2018 20:21

Tgt Ion:	75	Resp:	21715
Ion Ratio	Lower	Upper	
75	100		
155	105.6	51.0	153.1
157	136.4	67.4	202.2





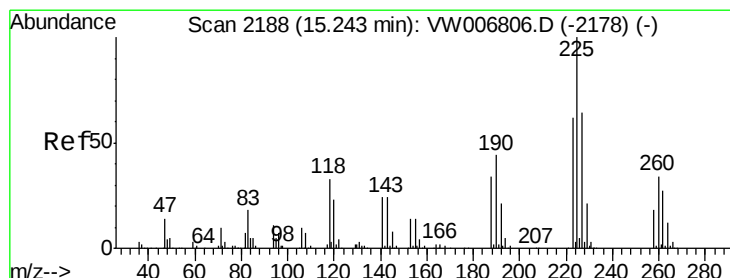
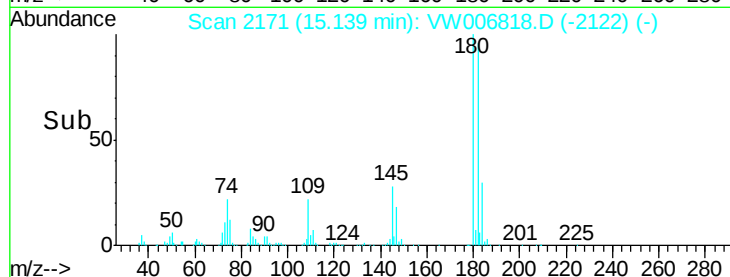
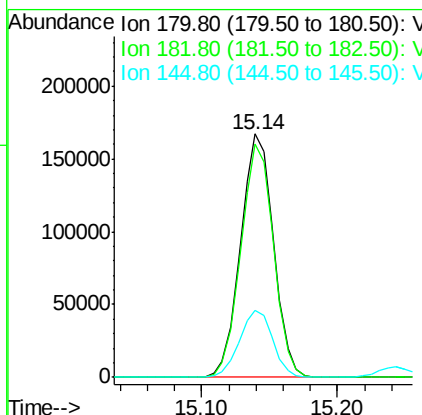
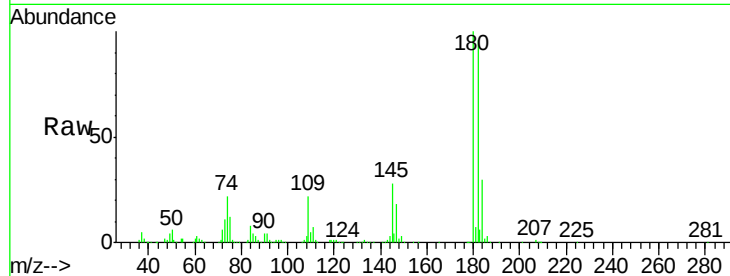
#93
 1,2,4-Trichlorobenzene
 Concen: 51.301 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	281377		
182	95.5	47.5	142.5	
145	27.8	14.0	41.9	

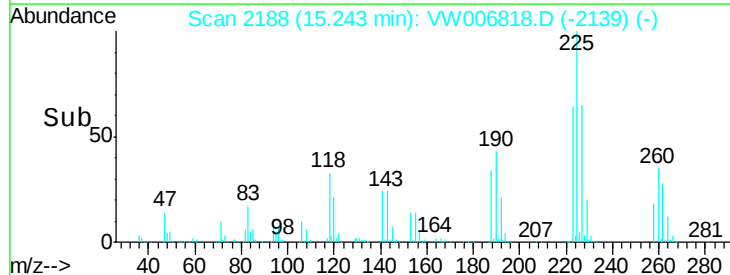
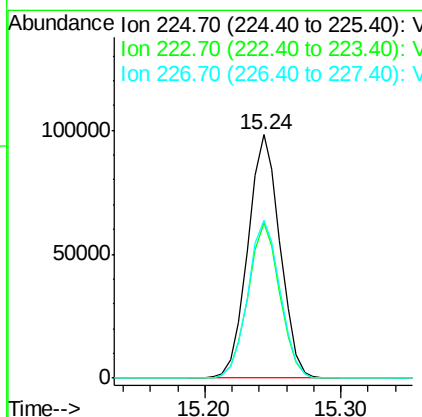
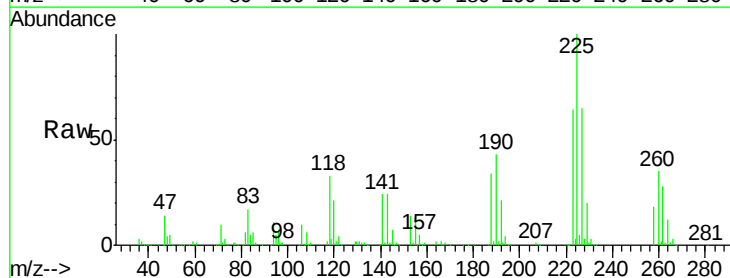
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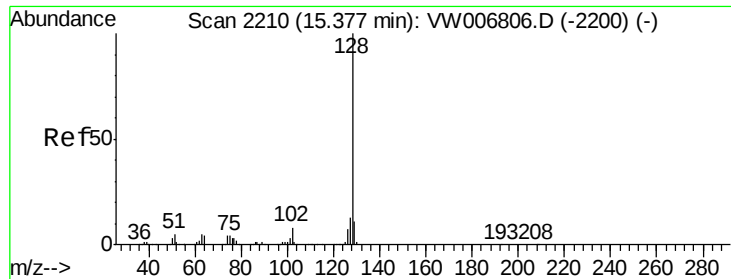
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#94
 Hexachlorobutadiene
 Concen: 46.744 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006818.D
 Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162456		
223	63.3	31.2	93.6	
227	65.0	32.3	96.9	





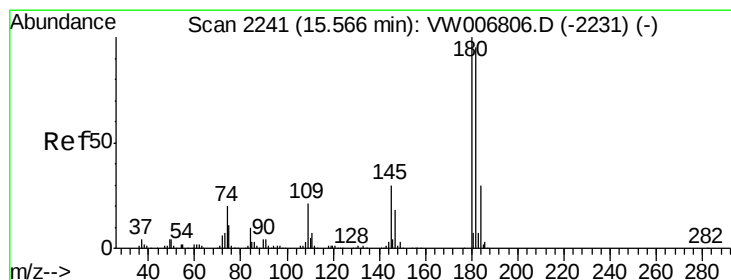
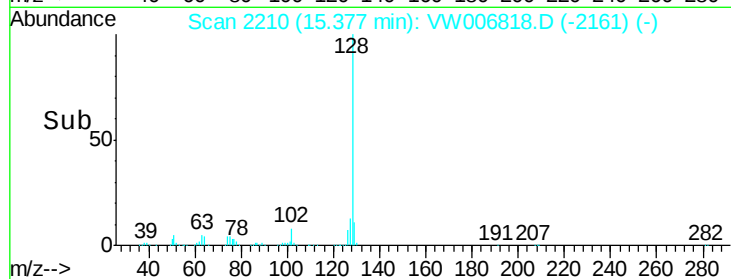
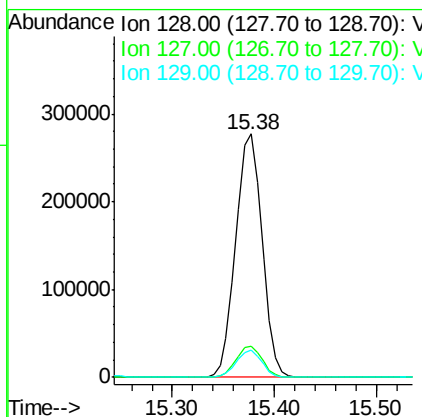
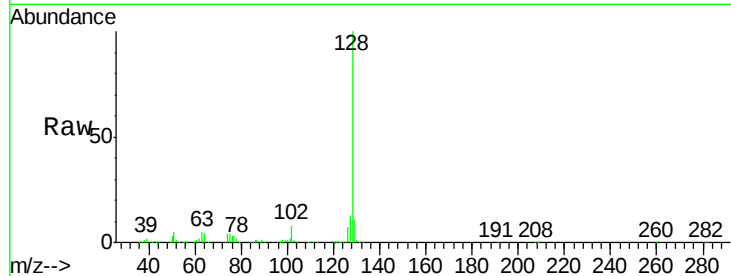
#95
Naphthalene
Concen: 60.510 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-104(15-17)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	496364		
127	12.7	10.3	15.5	
129	10.8	8.6	13.0	

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#96
1,2,3-Trichlorobenzene
Concen: 53.212 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006818.D
Acq: 12 Nov 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	250460		
182	94.7	47.9	143.6	
145	29.4	15.2	45.5	

