

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006817.D
 Acq On : 12 Nov 2018 19:56
 Operator : SY/AP
 Sample : J5860-05MS
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 11/13/2018 3:55:51 PM

Quant Time: Nov 13 03:11:56 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	298677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	401285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	232185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105473	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.89	113	111230	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.33	98	470140	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.62	95	177821	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	115235	46.734	ug/l	98
3) Chloromethane	2.21	50	141394	50.865	ug/l	100
4) Vinyl Chloride	2.35	62	150643	50.484	ug/l	99
5) Bromomethane	2.78	94	111961	55.771	ug/l	95
6) Chloroethane	2.92	64	96002	49.858	ug/l	99
7) Trichlorofluoromethane	3.26	101	188007	47.731	ug/l	99
8) Diethyl Ether	3.69	74	62759	54.299	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	120870	45.255	ug/l	99
10) Methyl Iodide	4.28	142	186547	49.835	ug/l	99
11) Tert butyl alcohol	5.21	59	39548	275.934	ug/l	100
12) 1,1-Dichloroethene	4.04	96	107150	47.495	ug/l	97
13) Acrolein	3.90	56	35053	233.844	ug/l	97
14) Allyl chloride	4.68	41	147538	49.722	ug/l	100
15) Acrylonitrile	5.38	53	128808	294.269	ug/l	99
16) Acetone	4.14	43	96659	308.254	ug/l	99
17) Carbon Disulfide	4.39	76	356330	49.944	ug/l	99
18) Methyl Acetate	4.68	43	67937	63.338	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	297335	55.513	ug/l	99
20) Methylene Chloride	4.92	84	167274	59.594	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	127880	48.063	ug/l	99
22) Diisopropyl ether	6.32	45	323693	52.526	ug/l	97
23) Vinyl Acetate	6.26	43	852848	245.491	ug/l	99
24) 1,1-Dichloroethane	6.23	63	201098	49.204	ug/l	99
25) 2-Butanone	7.18	43	154053	290.503	ug/l	97
26) 2,2-Dichloropropane	7.17	77	184915	44.967	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	140222	49.434	ug/l	99
28) Bromochloromethane	7.52	49	75511	52.819	ug/l	98
29) Tetrahydrofuran	7.54	42	99729	293.866	ug/l	98
30) Chloroform	7.68	83	222782	49.923	ug/l	99
31) Cyclohexane	7.96	56	194309	46.445	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	209838	48.715	ug/l	100
36) 1,1-Dichloropropene	8.09	75	180190	47.983	ug/l	99
37) Ethyl Acetate	7.26	43	69547	56.637	ug/l	99
38) Carbon Tetrachloride	8.07	117	190979	46.792	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	229836	47.175	ug/l	98
40) Benzene	8.33	78	527093	50.477	ug/l	100
41) Methacrylonitrile	7.49	41	39606	52.530	ug/l	93
42) 1,2-Dichloroethane	8.40	62	145735	52.092	ug/l	100
43) Isopropyl Acetate	8.43	43	137991	57.781	ug/l	99
44) Trichloroethene	9.10	130	159174	48.310	ug/l	98
45) 1,2-Dichloropropane	9.37	63	124694	51.236	ug/l	100
46) Dibromomethane	9.46	93	71139	52.513	ug/l	100
47) Bromodichloromethane	9.65	83	171286	50.975	ug/l	100
48) Methyl methacrylate	9.44	41	67154	57.354	ug/l	99
49) 1,4-Dioxane	9.47	88	22473	1098.002	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	363322	303.403	ug/l	100
52) Toluene	10.39	92	391266	52.854	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	177248	53.582	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	204610	52.163	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	108098	53.774	ug/l	99
56) Ethyl methacrylate	10.65	69	129249	58.666	ug/l	97
57) 1,3-Dichloropropane	10.94	76	171888	53.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	312570	283.278	ug/l	100
59) 2-Hexanone	10.98	43	258001	312.356	ug/l	99
60) Dibromochloromethane	11.13	129	133820	54.403	ug/l	99
61) 1,2-Dibromoethane	11.24	107	105661	55.343	ug/l	99
64) Tetrachloroethene	10.87	164	154696	48.099	ug/l	98
65) Chlorobenzene	11.66	112	446814	50.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	144565	50.037	ug/l	100
67) Ethyl Benzene	11.74	91	757147	49.881	ug/l	98
68) m/p-Xylenes	11.85	106	614143	98.888	ug/l	100
69) o-Xylene	12.17	106	291676	50.463	ug/l	99
70) Styrene	12.18	104	476863	51.546	ug/l	100
71) Bromoform	12.35	173	86695	54.984	ug/l #	100
73) Isopropylbenzene	12.47	105	786736	48.815	ug/l	99
74) N-amyl acetate	12.28	43	137535	56.438	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	123969	55.604	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	95298m	56.953	ug/l	
77) Bromobenzene	12.75	156	205739	50.633	ug/l	99
78) n-propylbenzene	12.81	91	918019	48.262	ug/l	99
79) 2-Chlorotoluene	12.90	91	521533	48.869	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	669462	48.319	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	37488	55.418	ug/l	98
82) 4-Chlorotoluene	12.99	91	555136	48.754	ug/l	100
83) tert-Butylbenzene	13.21	119	597400	48.779	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	691782	49.063	ug/l	100
85) sec-Butylbenzene	13.39	105	823511	47.452	ug/l	100
86) p-Isopropyltoluene	13.51	119	756185	47.904	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	407230	49.174	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	402051	49.070	ug/l	100
89) n-Butylbenzene	13.83	91	673549	46.689	ug/l	99
90) Hexachloroethane	14.10	117	120994	47.902	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	364396	50.527	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19969	55.945	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	264680	48.610	ug/l	99
94) Hexachlorobutadiene	15.24	225	157017	45.509	ug/l	100
95) Naphthalene	15.38	128	455931	55.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	235857	50.476	ug/l	99

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

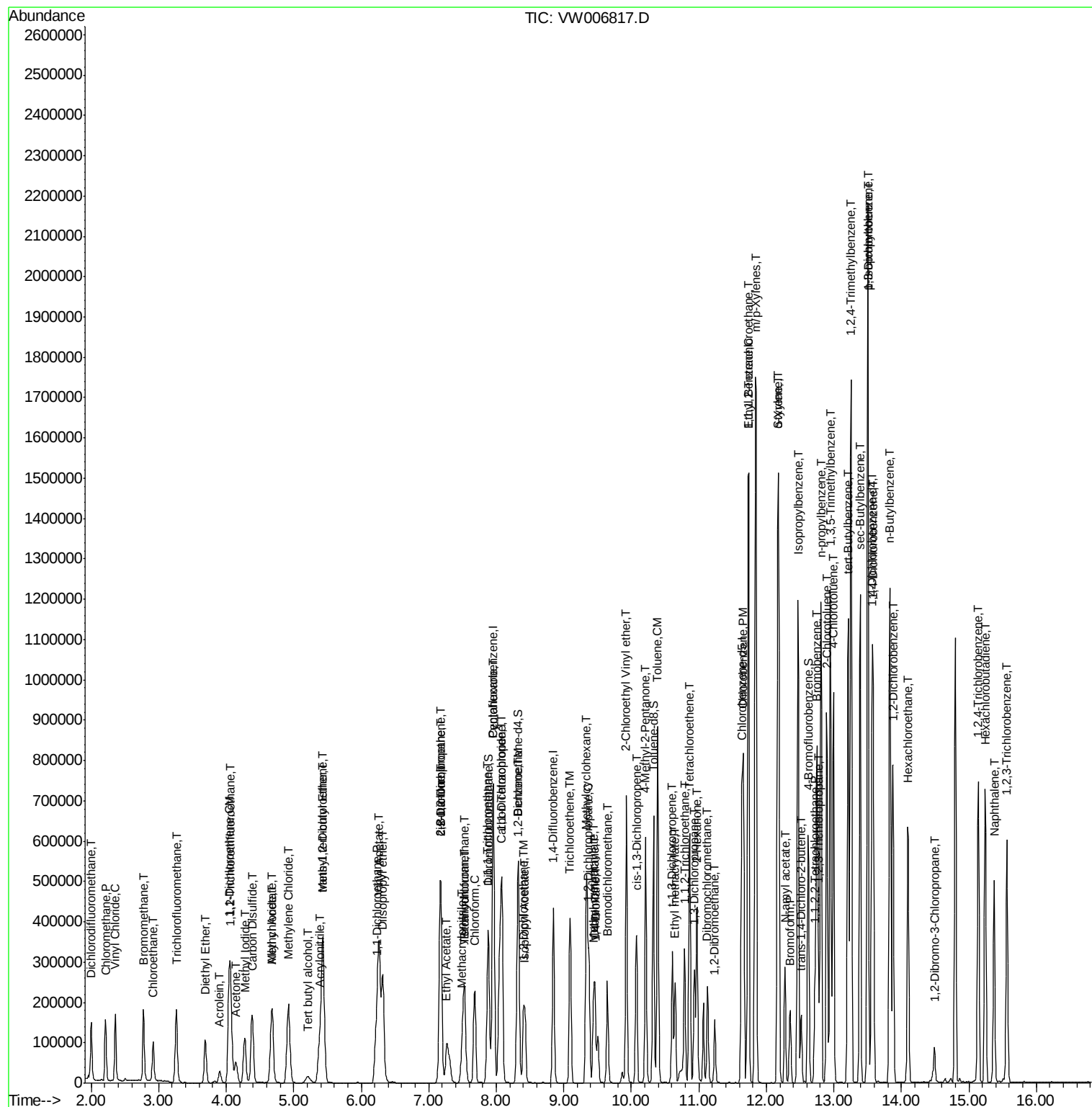
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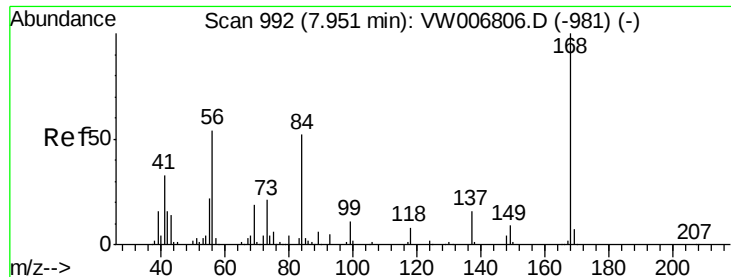
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion:168 Resp: 298677

Ion Ratio Lower Upper

168 100

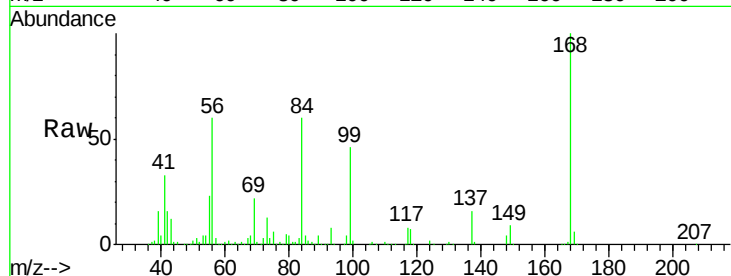
99 46.0 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

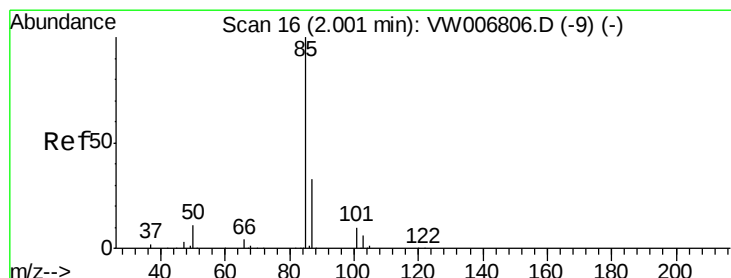
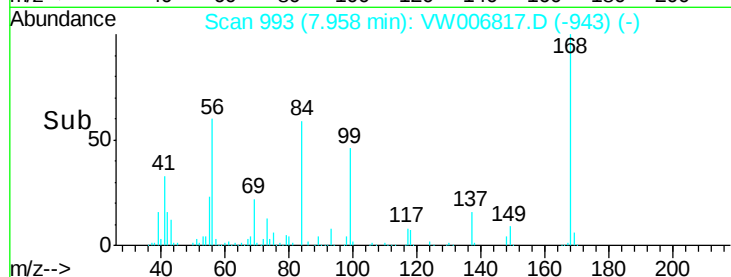
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.734 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006817.D

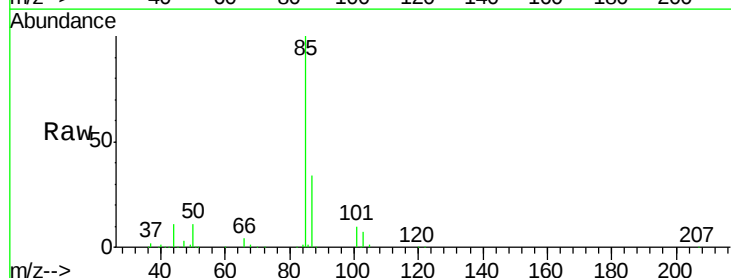
Acq: 12 Nov 2018 19:56

Tgt Ion: 85 Resp: 115235

Ion Ratio Lower Upper

85 100

87 34.2 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

80000

60000

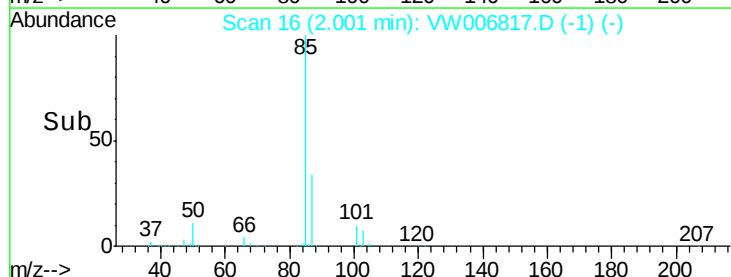
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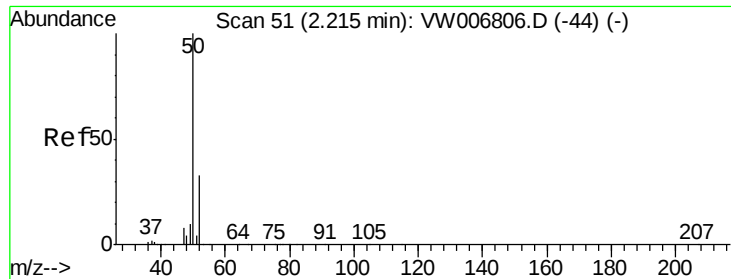
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 50.865 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion: 50 Resp: 141394

Ion Ratio Lower Upper

50 100

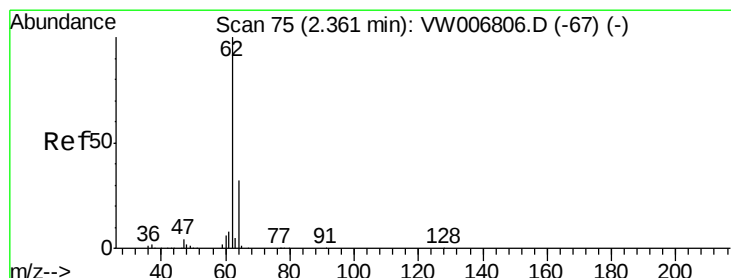
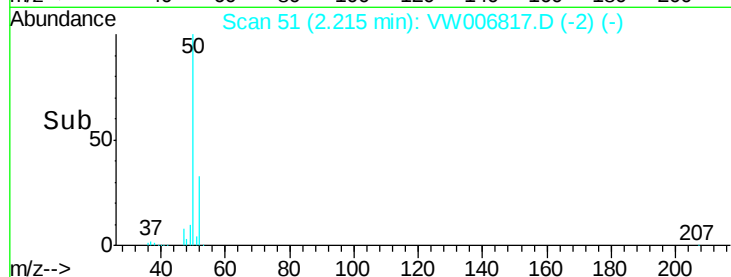
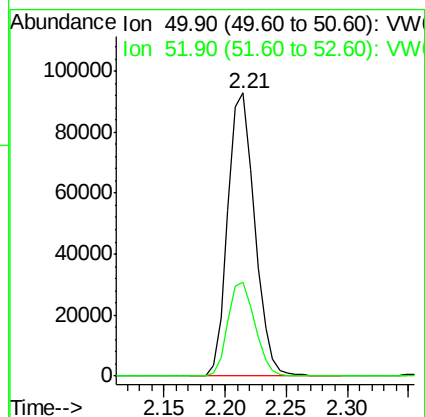
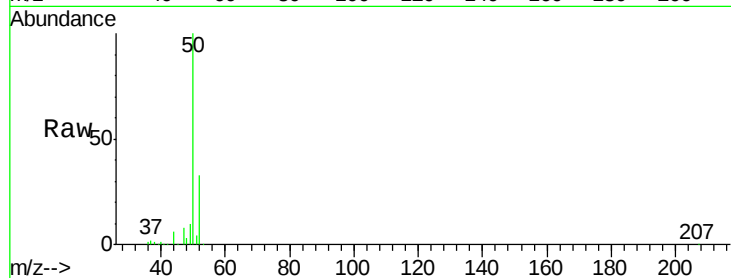
52 33.1 26.2 39.4

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#4

Vinyl Chloride

Concen: 50.484 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006817.D

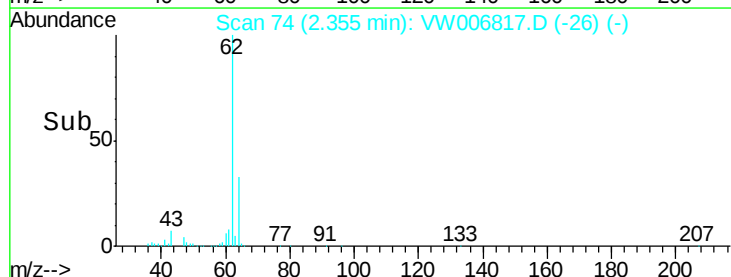
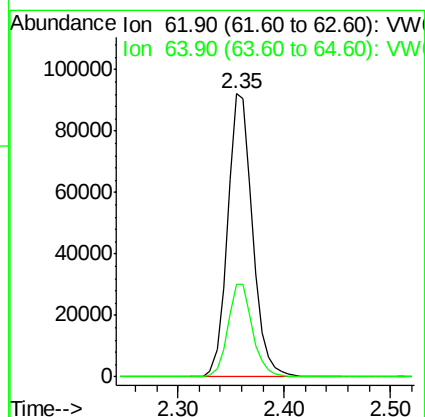
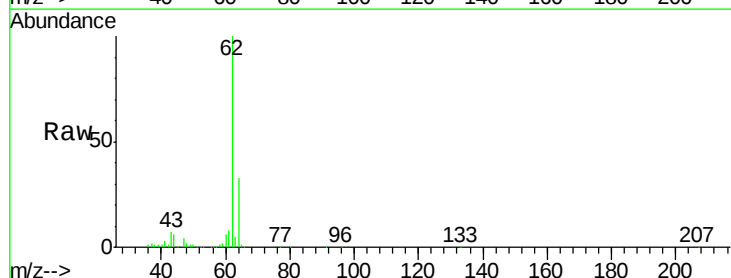
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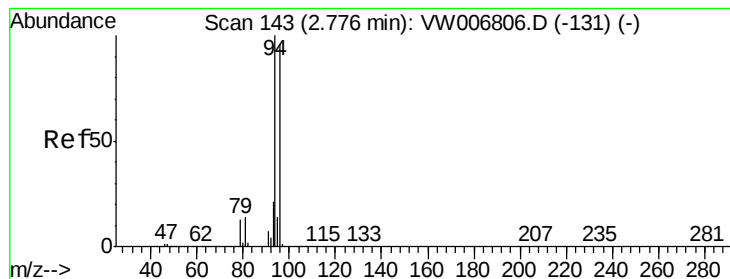
Tgt Ion: 62 Resp: 150643

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 55.771 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

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Tgt Ion: 94 Resp: 111961

Ion Ratio Lower Upper

94 100

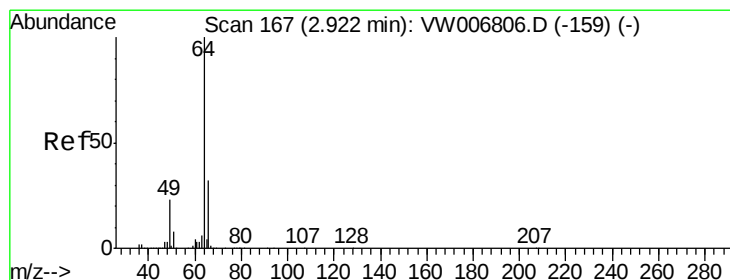
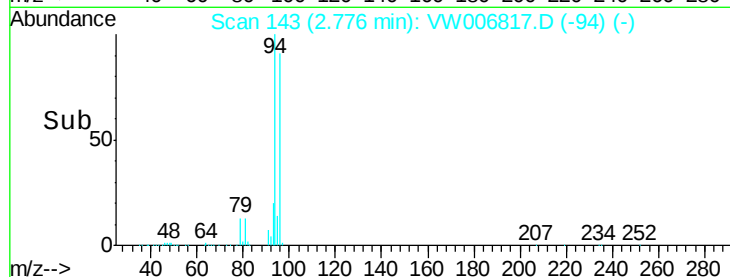
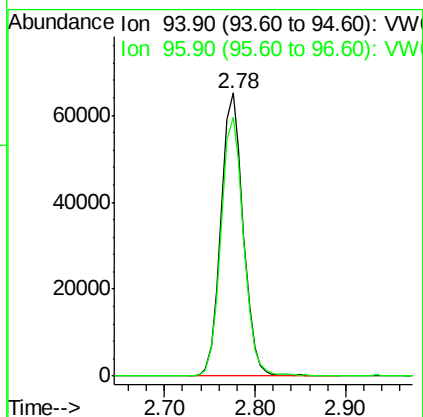
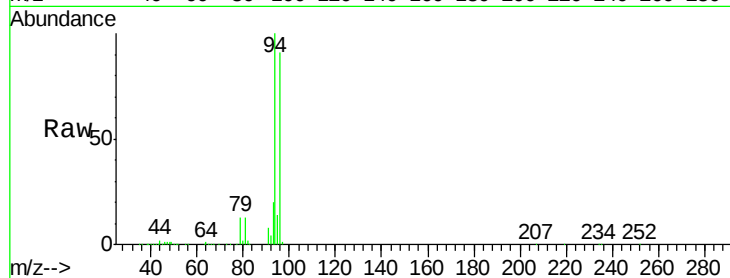
96 91.4 76.8 115.2

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11/13/2018 3:55:51 PM



#6

Chloroethane

Concen: 49.858 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006817.D

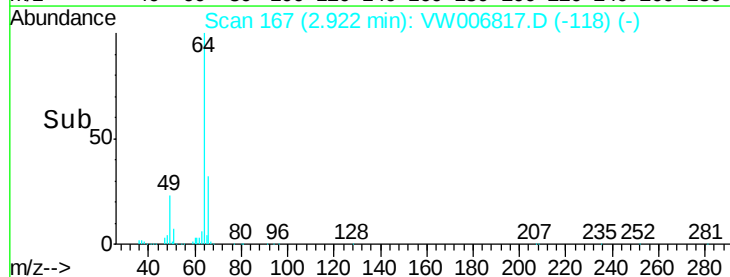
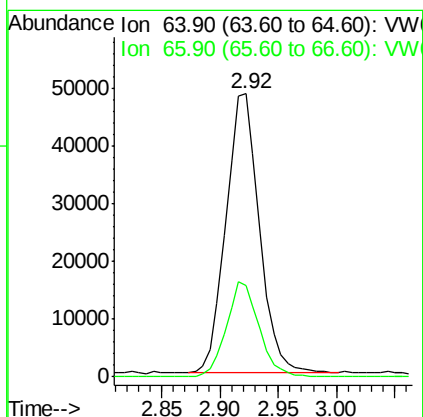
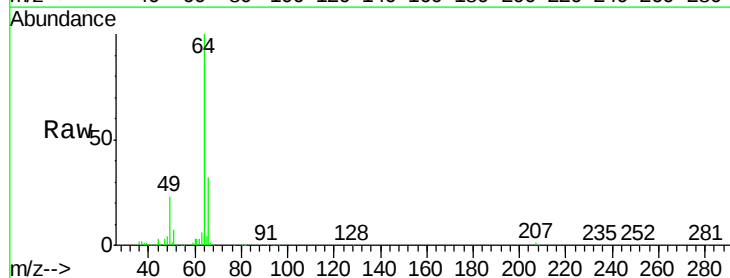
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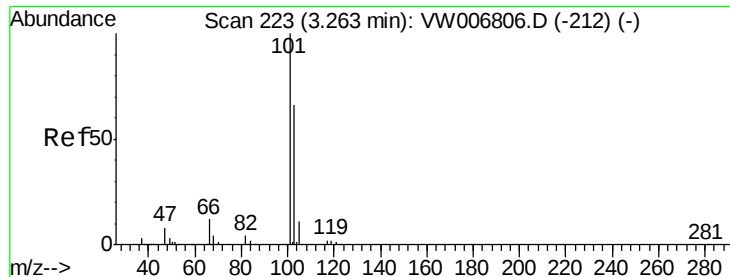
Tgt Ion: 64 Resp: 96002

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

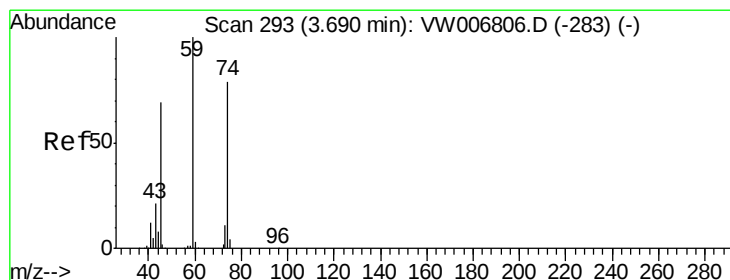
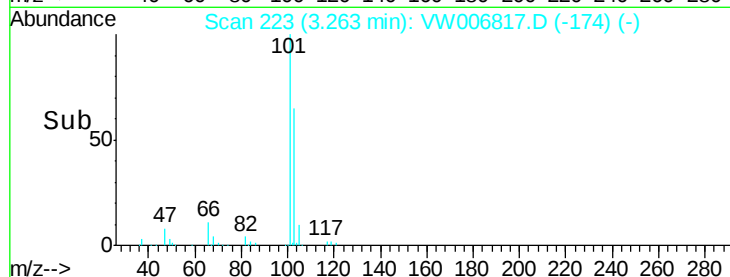
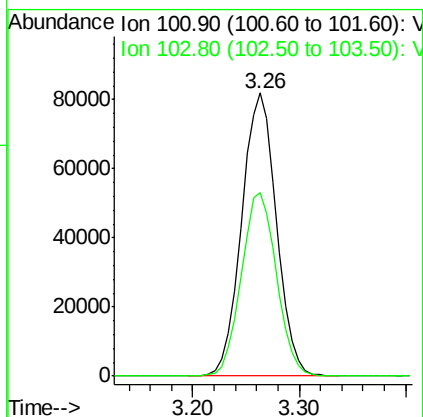
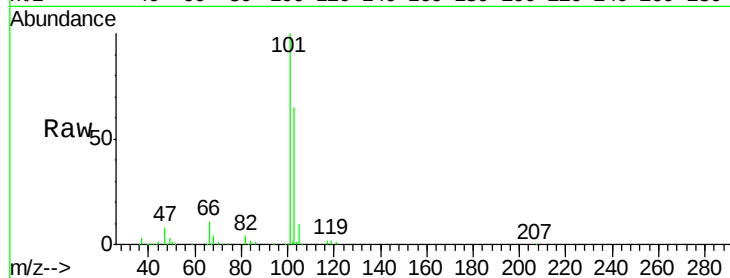
Trichlorofluoromethane
Concen: 47.731 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006817.D
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Tgt Ion: 101 Resp: 188007
Ion Ratio Lower Upper
101 100
103 65.1 52.6 79.0

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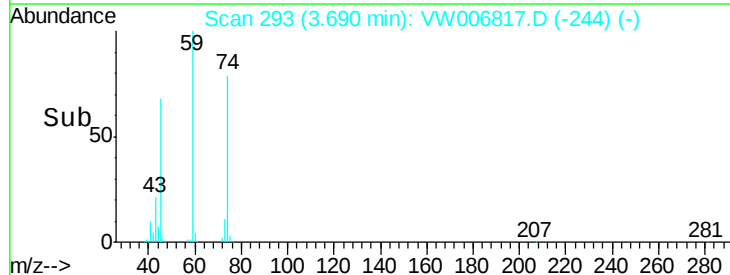
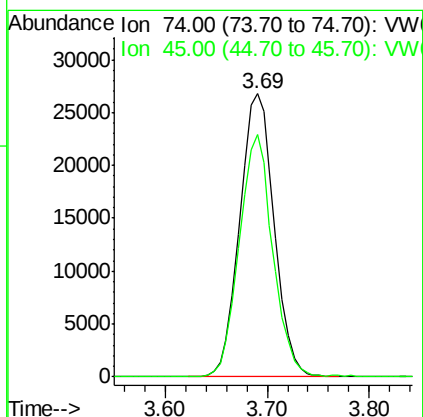
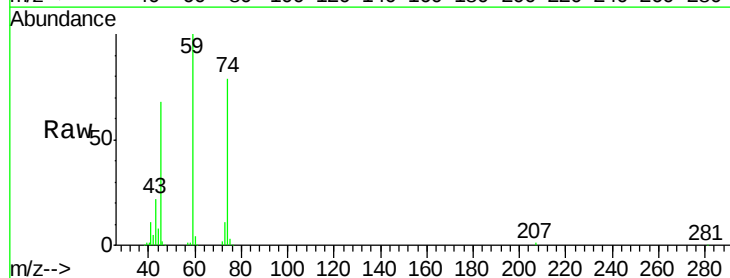
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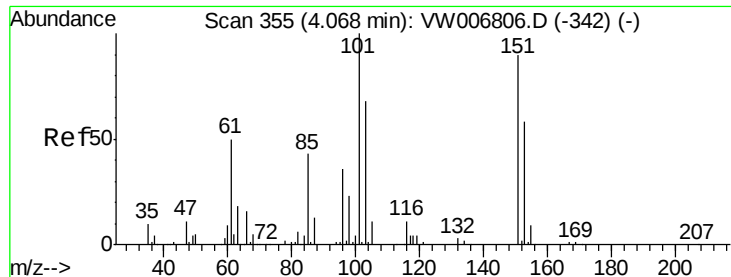


#8

Diethyl Ether
Concen: 54.299 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 74 Resp: 62759
Ion Ratio Lower Upper
74 100
45 83.3 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.255 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

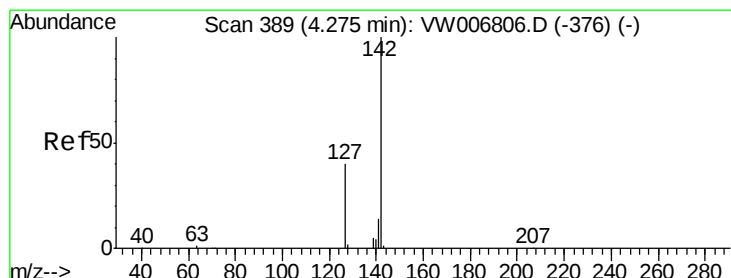
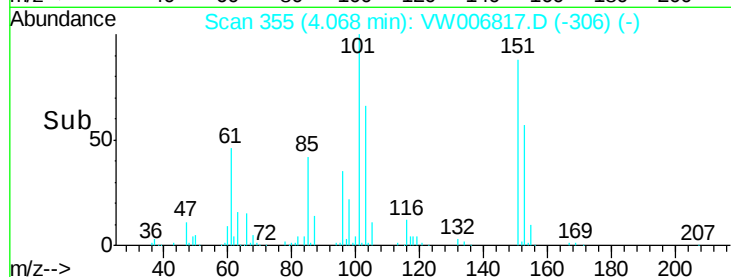
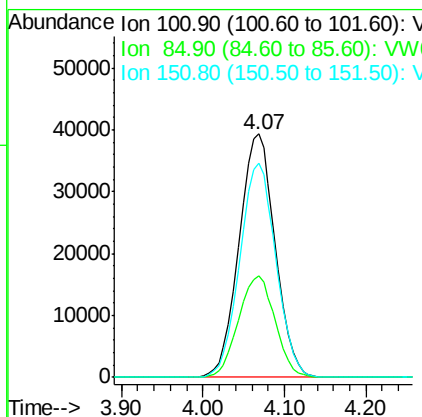
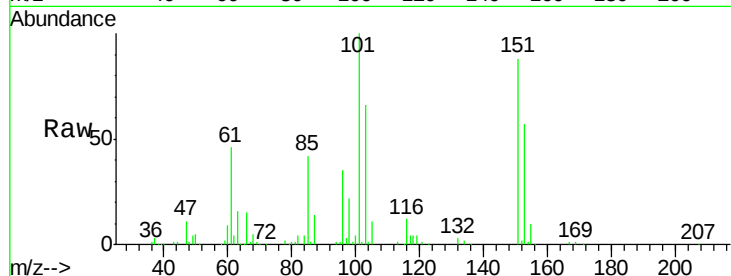
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion:	101	Resp:	120870
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.8	50.8
151	88.2	71.4	107.0

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#10

Methyl Iodide

Concen: 49.835 ug/l

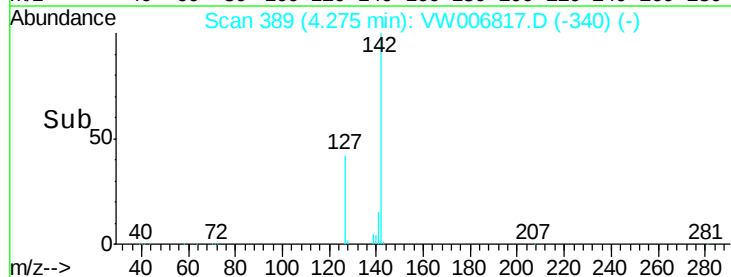
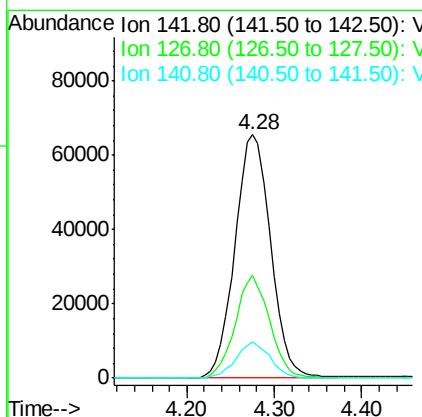
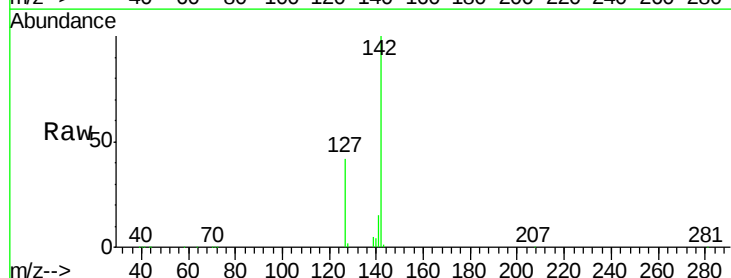
RT: 4.28 min Scan# 389

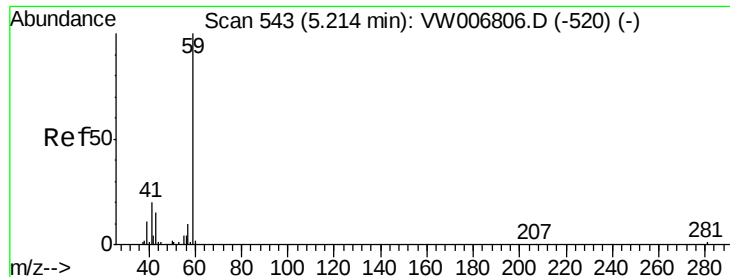
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion:	142	Resp:	186547
Ion Ratio	Lower	Upper	
142	100		
127	40.4	31.8	47.8
141	14.2	11.5	17.3





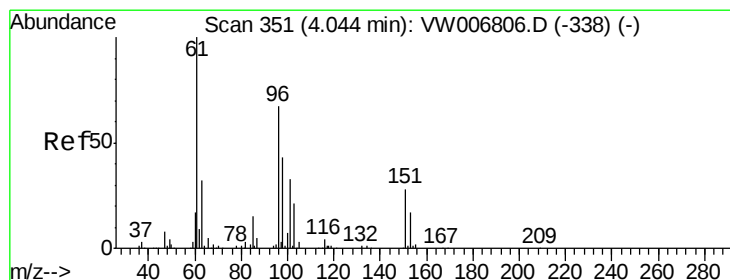
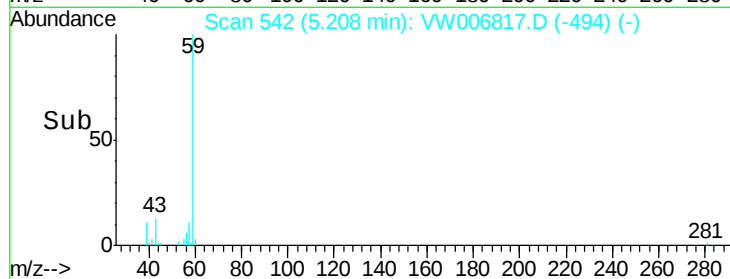
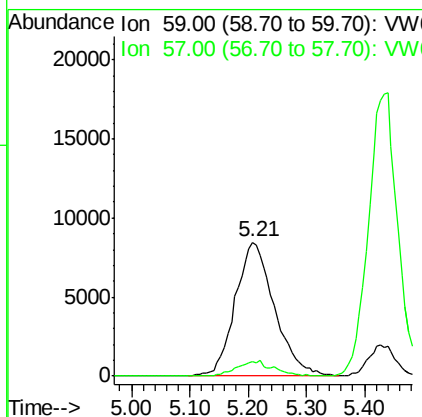
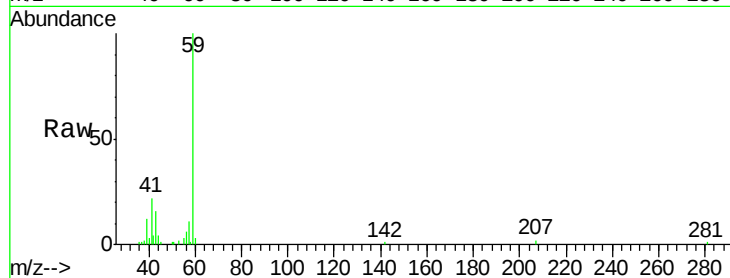
#11
Tert butyl alcohol
Concen: 275.934 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion: 59 Resp: 39548
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

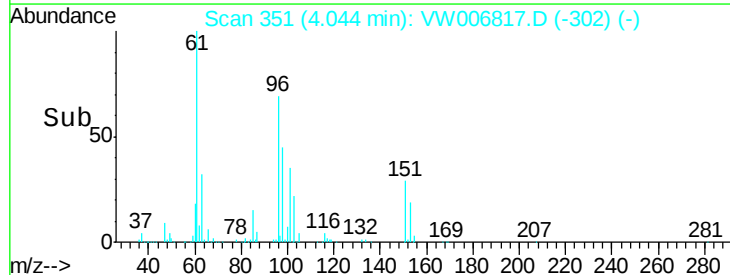
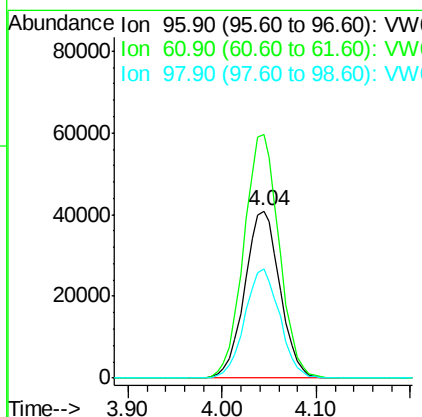
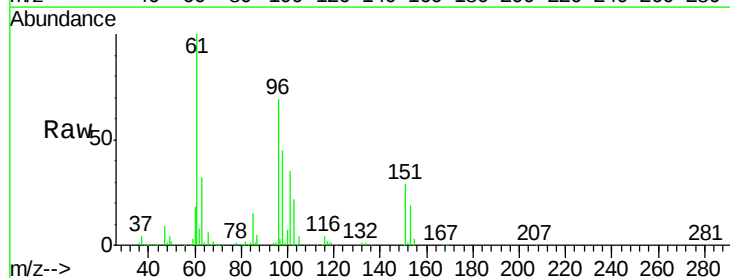
Manual Integrations
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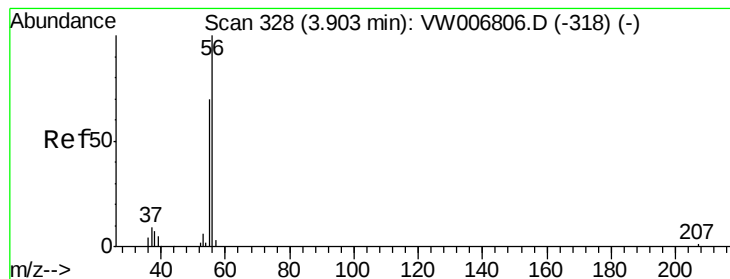
apatel
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#12
1,1-Dichloroethene
Concen: 47.495 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 96 Resp: 107150
Ion Ratio Lower Upper
96 100
61 145.7 119.8 179.6
98 65.7 51.5 77.3





#13

Acrolein

Concen: 233.844 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion: 56 Resp: 35053

Ion Ratio Lower Upper

56 100

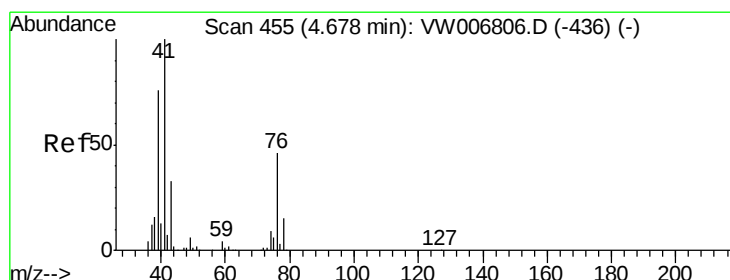
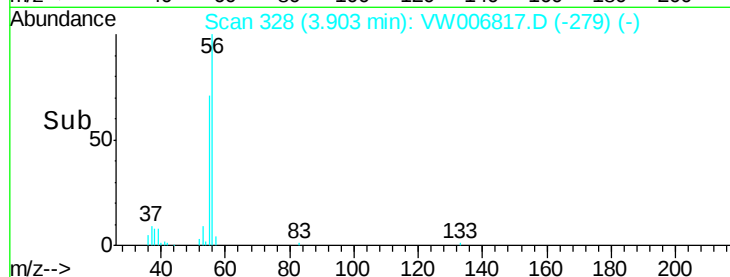
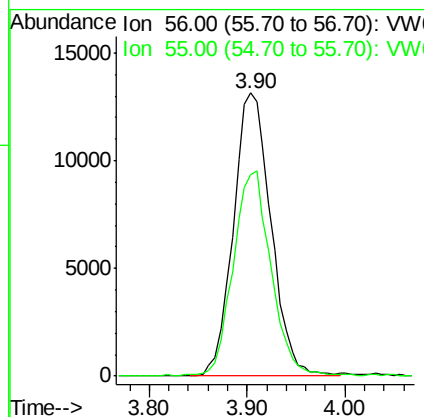
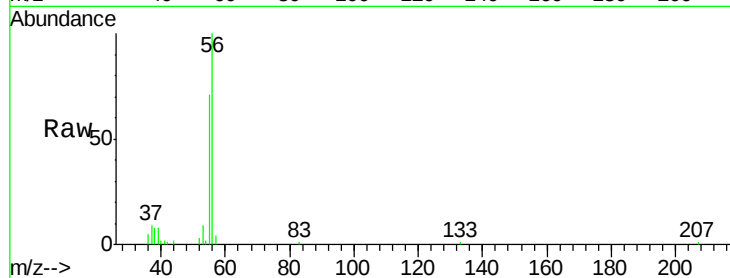
55 72.9 56.1 84.1

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#14

Allyl chloride

Concen: 49.722 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

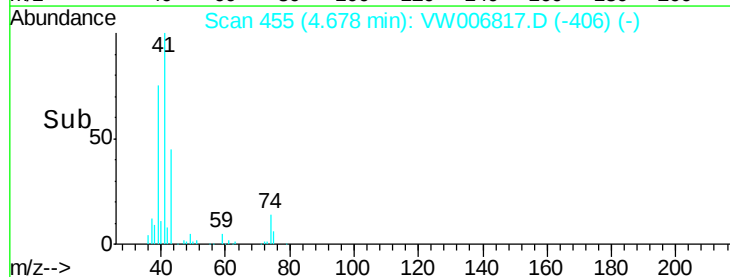
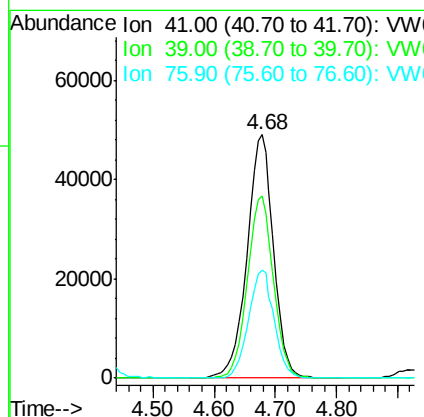
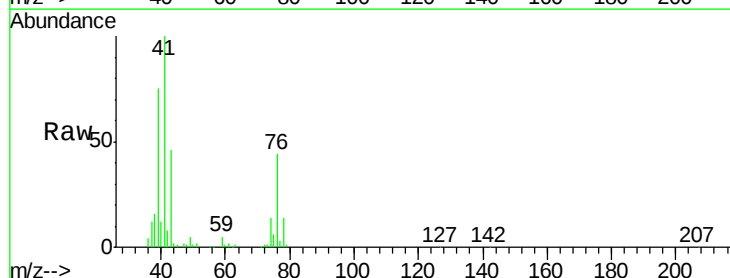
Tgt Ion: 41 Resp: 147538

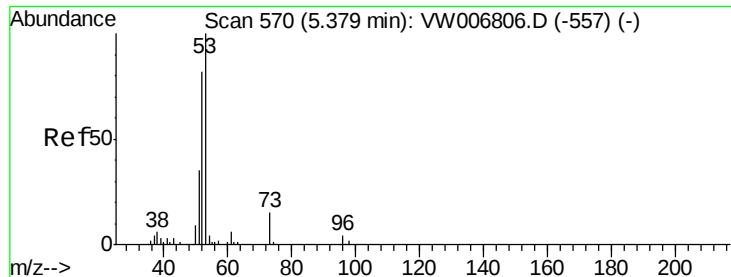
Ion Ratio Lower Upper

41 100

39 73.7 58.9 88.3

76 42.8 34.4 51.6





#15

Acrylonitrile

Concen: 294.269 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

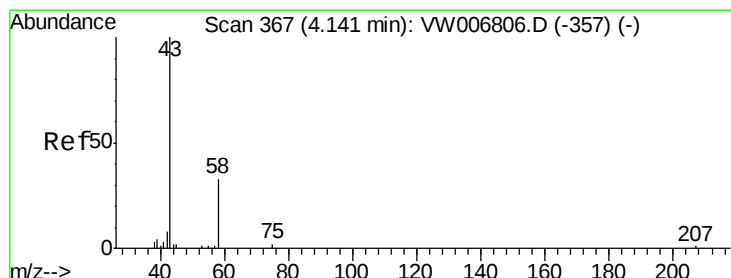
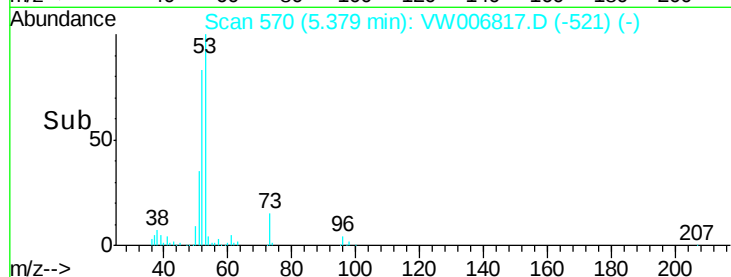
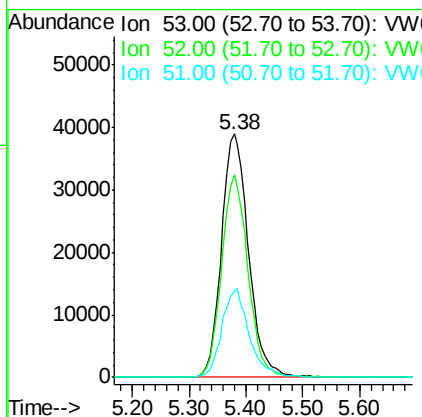
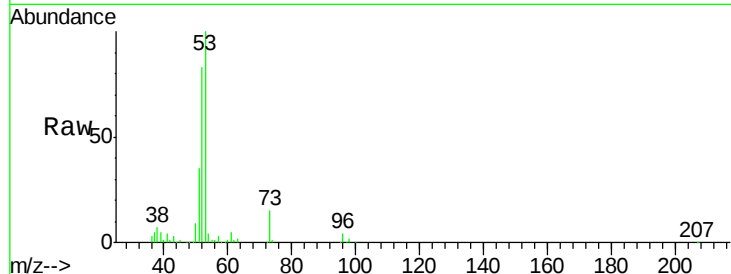
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion:	53	Resp:	128808
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.2	97.8
51	37.1	30.0	45.0

Manual Integrations
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#16

Acetone

Concen: 308.254 ug/l

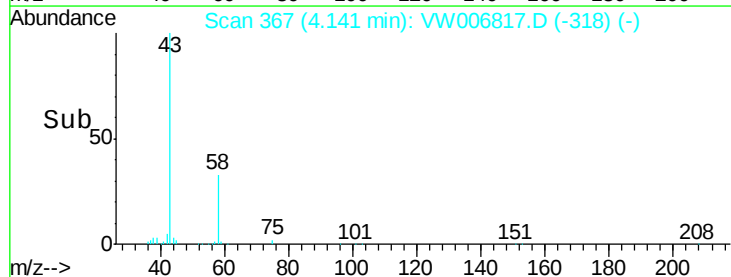
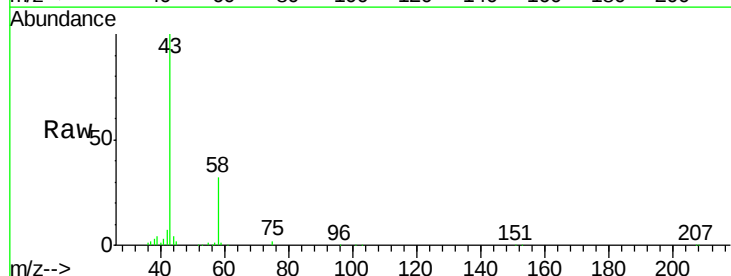
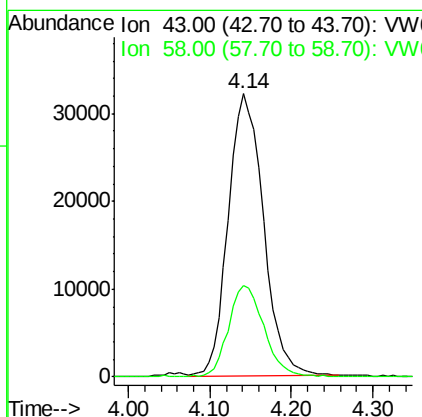
RT: 4.14 min Scan# 367

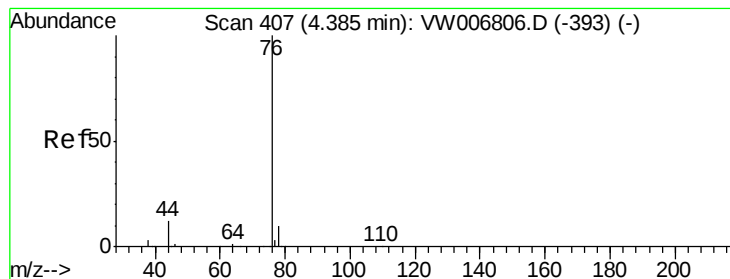
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion:	43	Resp:	96659
Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.5	39.7





#17

Carbon Disulfide

Concen: 49.944 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion: 76 Resp: 356330

Ion Ratio Lower Upper

76 100

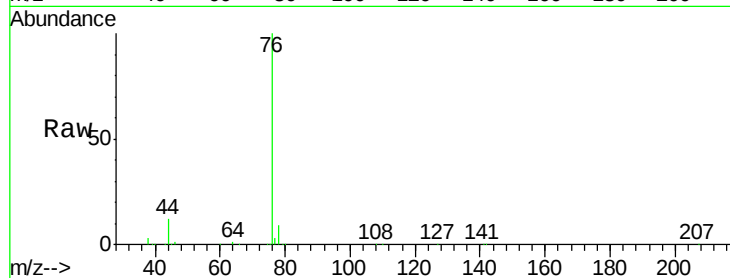
78 9.2 7.6 11.4

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

150000

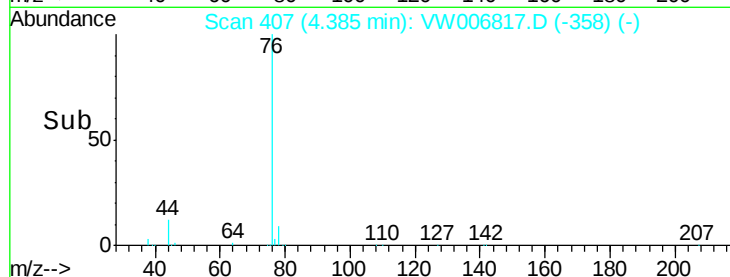
100000

50000

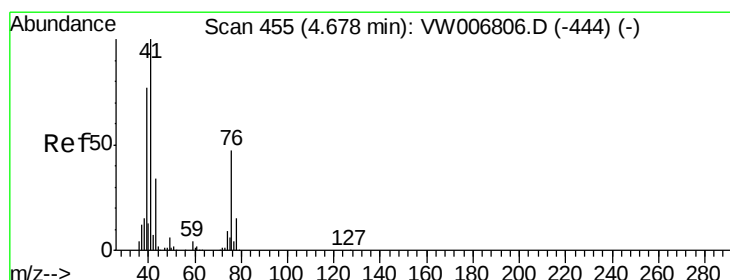
0

4.39

4.20 4.30 4.40 4.50 4.60



Time-->



#18

Methyl Acetate

Concen: 63.338 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006817.D

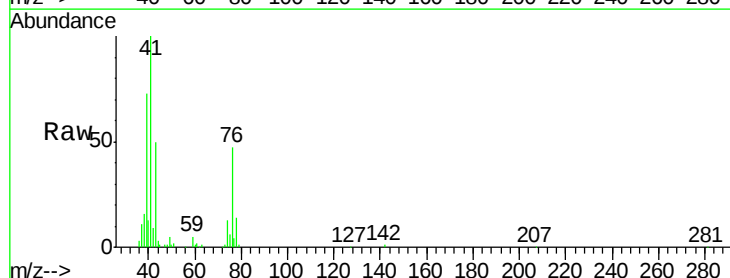
Acq: 12 Nov 2018 19:56

Tgt Ion: 43 Resp: 67937

Ion Ratio Lower Upper

43 100

74 28.3 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

25000

20000

15000

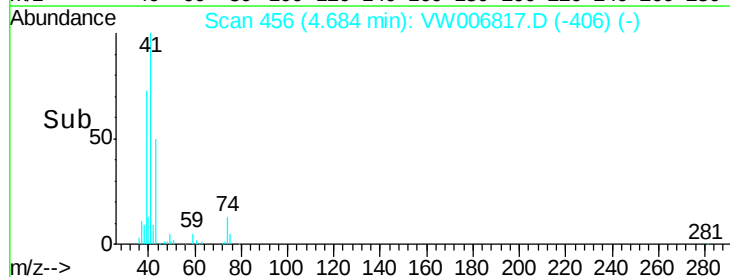
10000

5000

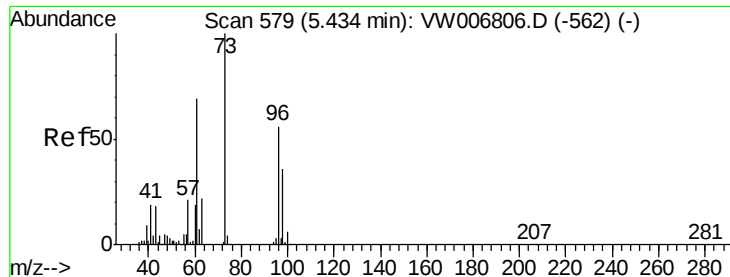
0

4.68

4.60 4.70 4.80



Time-->



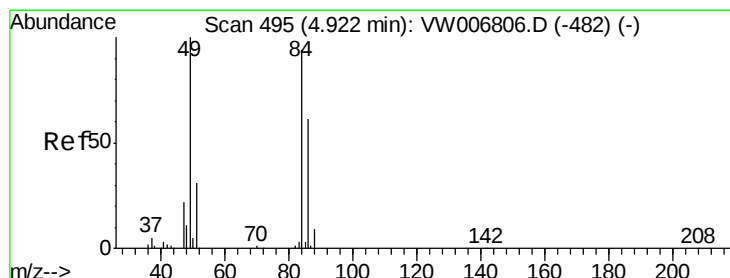
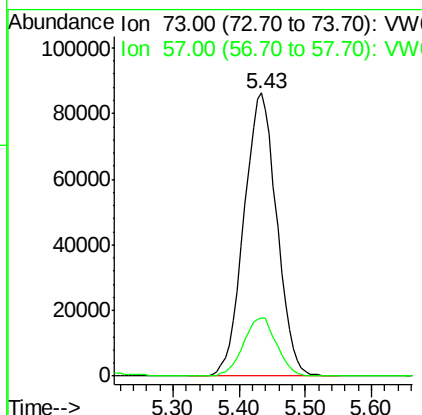
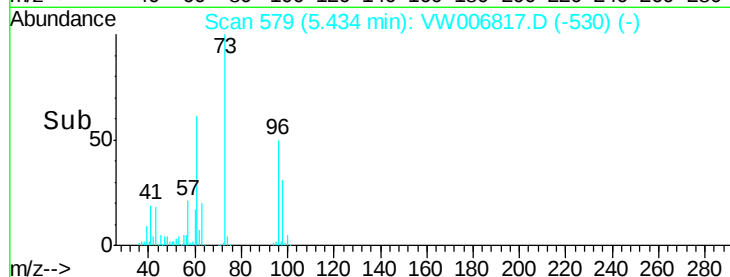
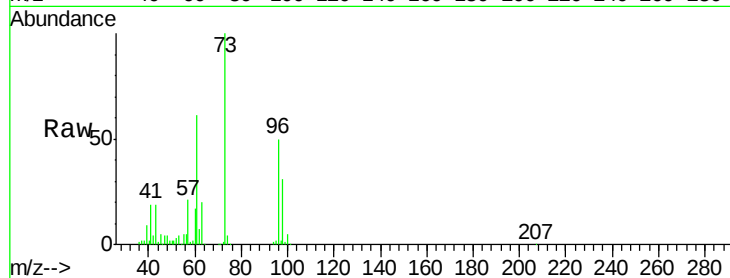
#19
Methyl tert-butyl Ether
Concen: 55.513 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion: 73 Resp: 297335
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2

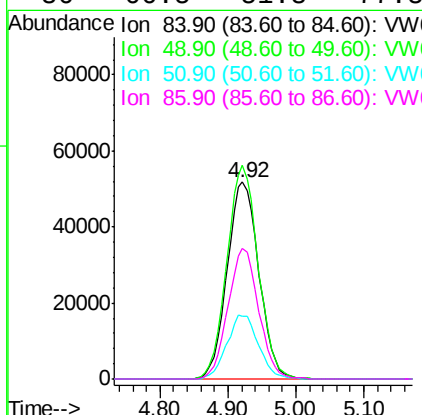
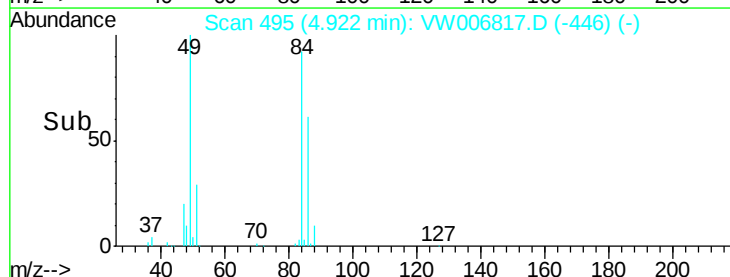
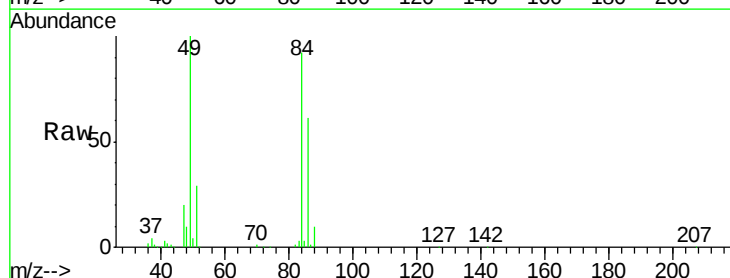
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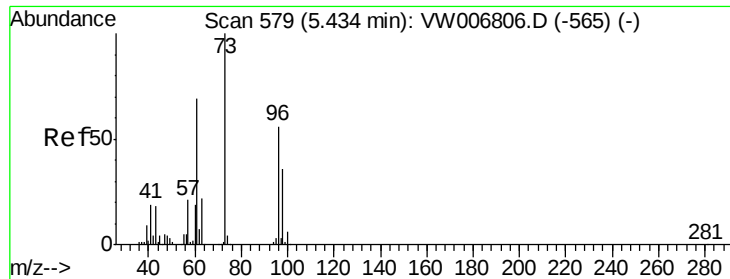
apatel
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#20
Methylene Chloride
Concen: 59.594 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 84 Resp: 167274
Ion Ratio Lower Upper
84 100
49 108.7 84.8 127.2
51 31.7 26.2 39.4
86 66.5 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 48.063 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

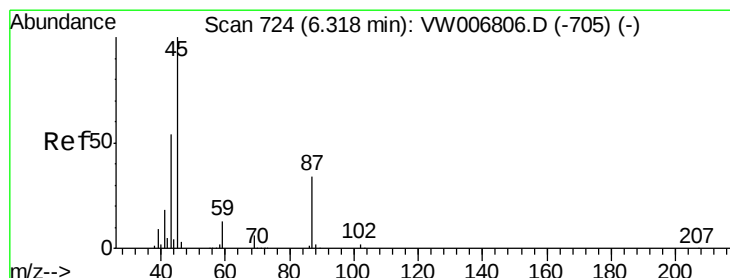
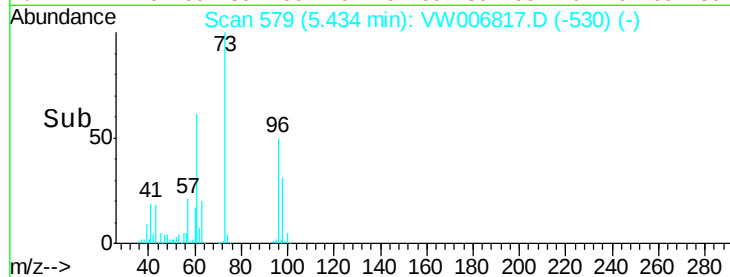
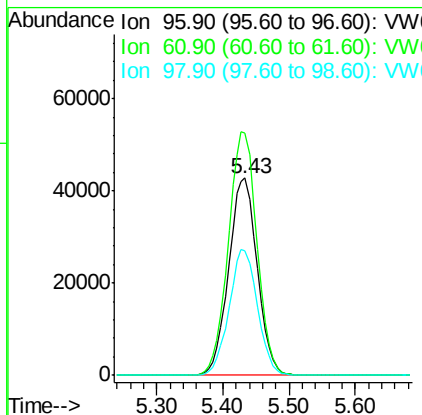
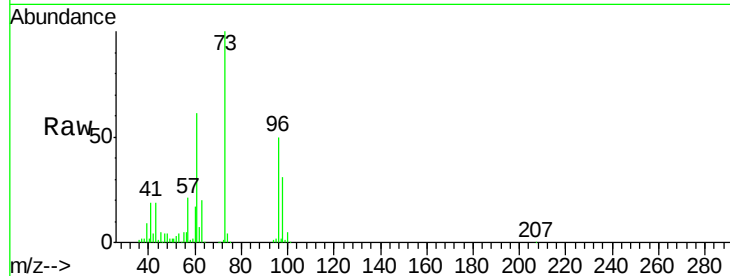
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion:	96	Resp:	127880
Ion	Ratio	Lower	Upper
96	100		
61	122.9	98.7	148.1
98	63.0	51.2	76.8

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#22

Diisopropyl ether

Concen: 52.526 ug/l

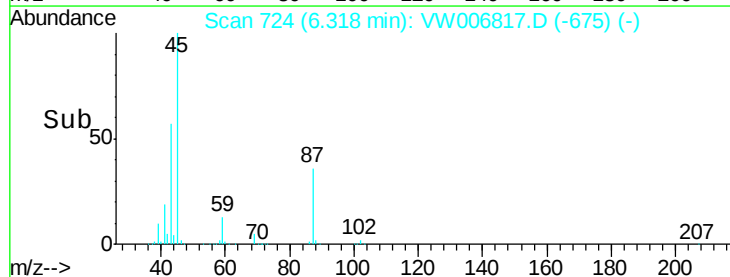
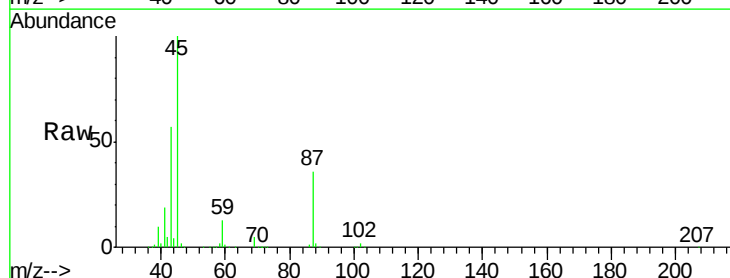
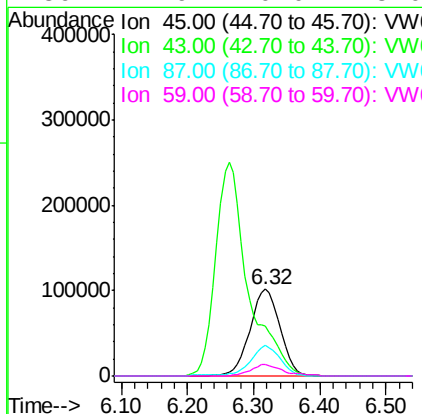
RT: 6.32 min Scan# 724

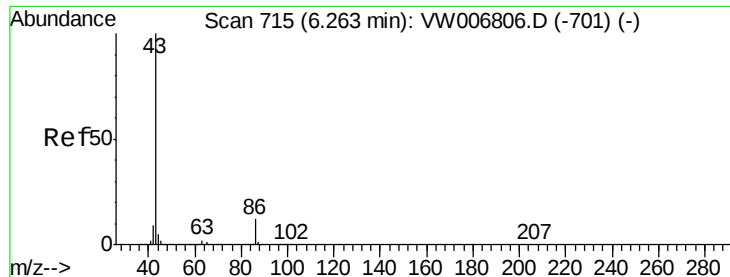
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion:	45	Resp:	323693
Ion	Ratio	Lower	Upper
45	100		
43	57.0	43.7	65.5
87	35.7	27.2	40.8
59	12.9	10.0	15.0





#23

Vinyl Acetate

Concen: 245.491 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion: 43 Resp: 852848

Ion Ratio Lower Upper

43 100

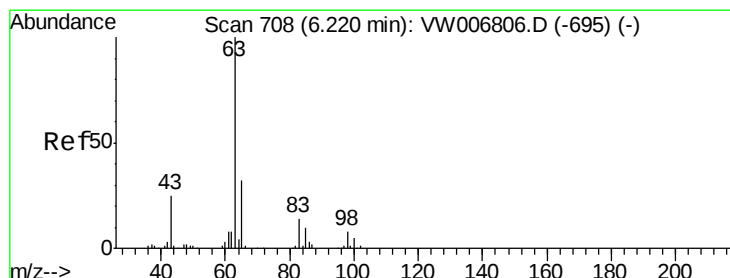
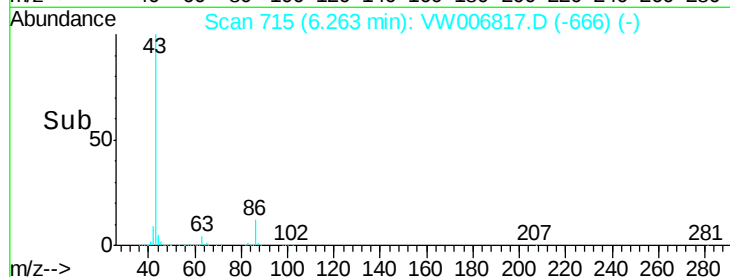
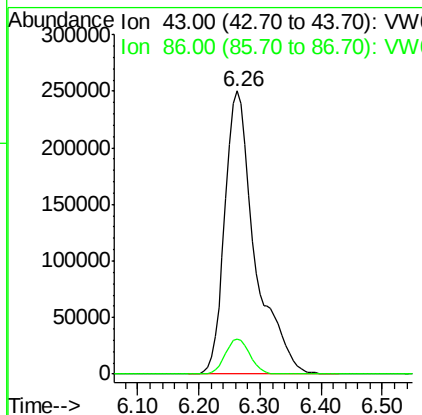
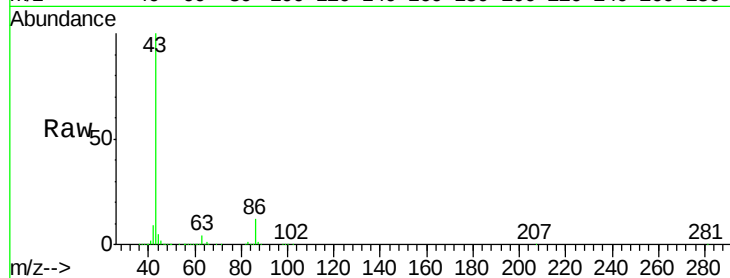
86 12.4 9.6 14.4

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#24

1,1-Dichloroethane

Concen: 49.204 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

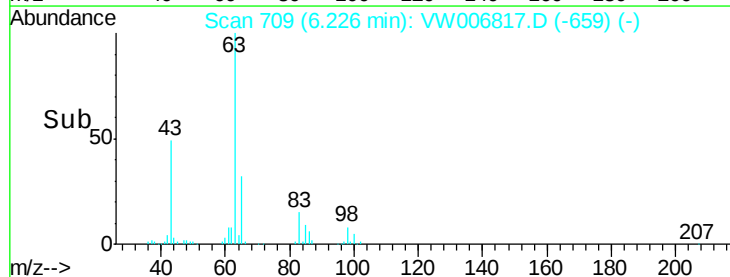
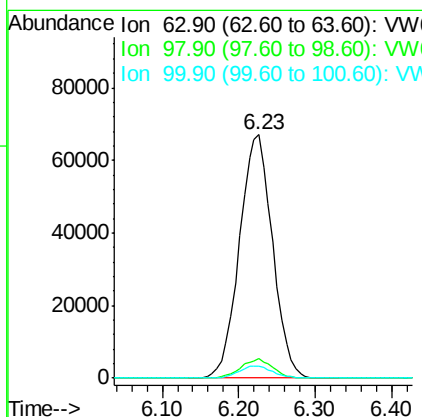
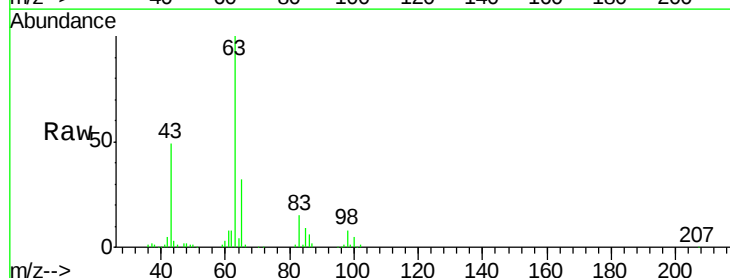
Tgt Ion: 63 Resp: 201098

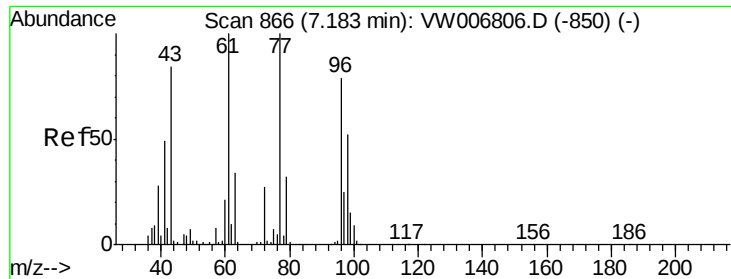
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 290.503 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion: 43 Resp: 154053

Ion Ratio Lower Upper

43 100

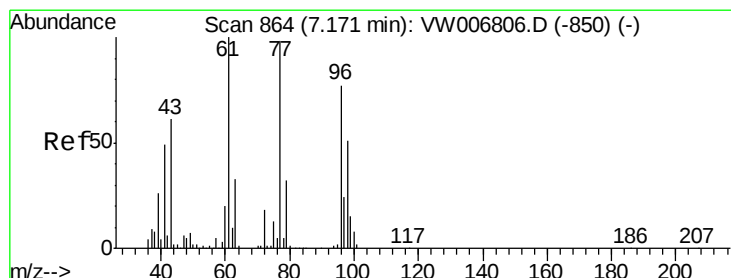
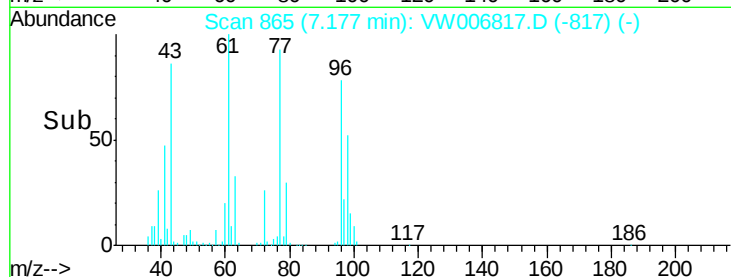
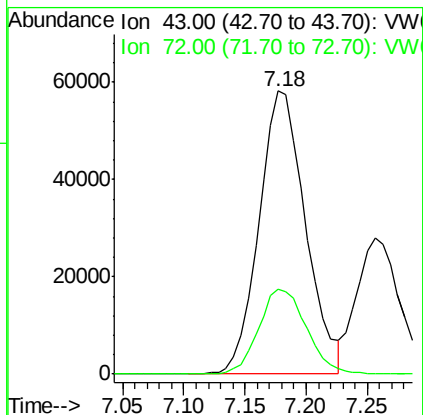
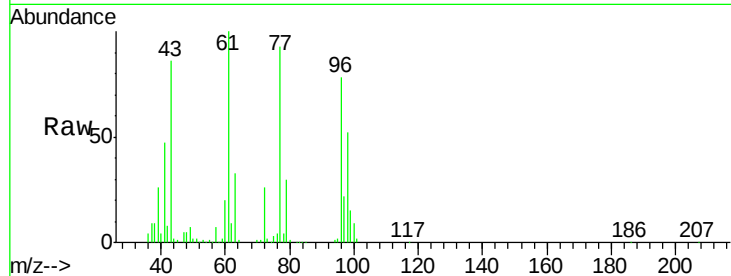
72 30.0 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.967 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006817.D

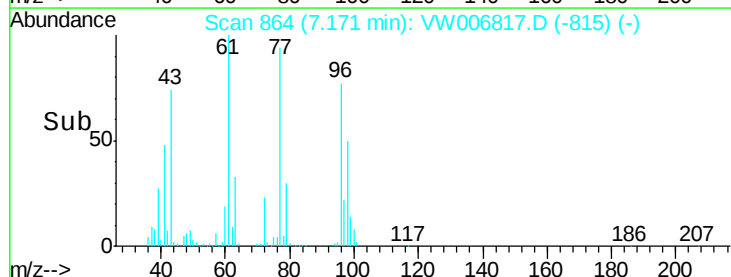
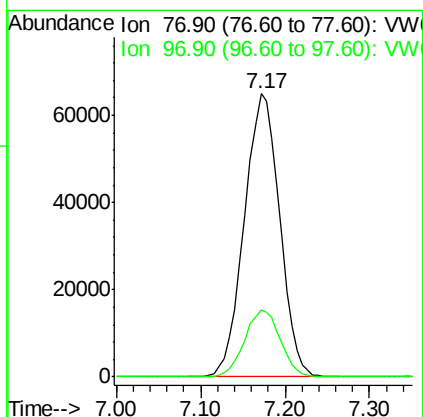
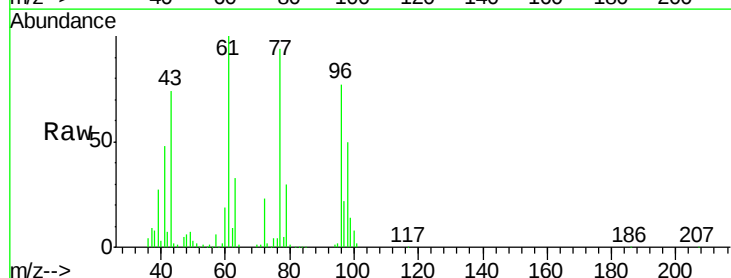
Acq: 12 Nov 2018 19:56

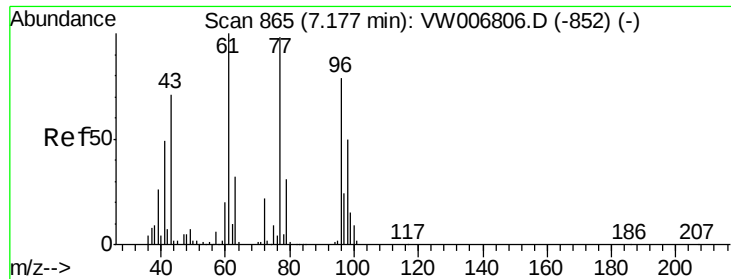
Tgt Ion: 77 Resp: 184915

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1





#27

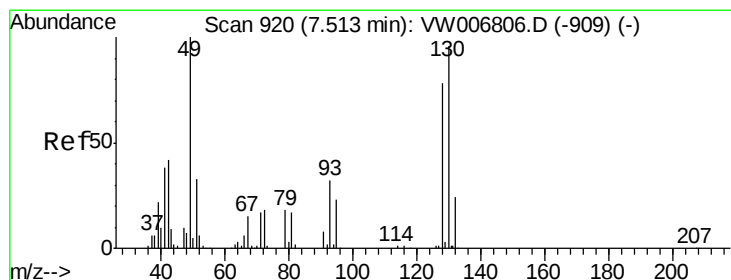
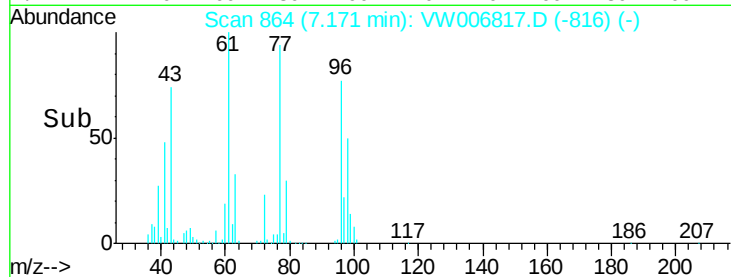
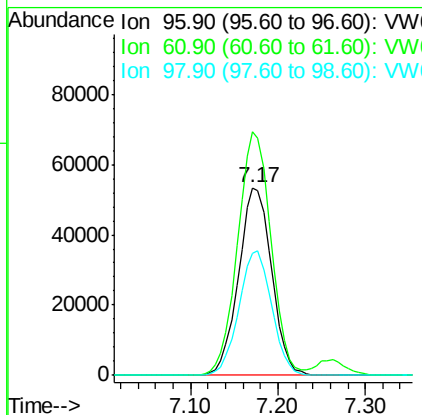
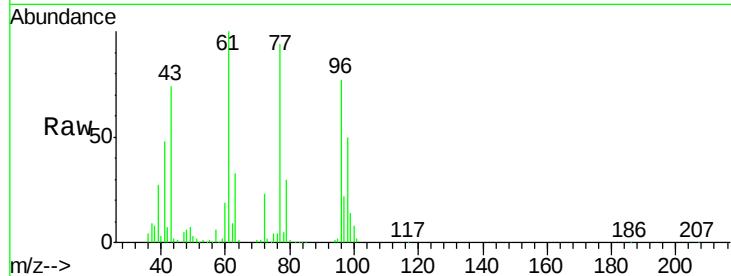
cis-1,2-Dichloroethene
Concen: 49.434 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	140222		
61	131.0	0.0	264.0	
98	65.7	0.0	131.0	

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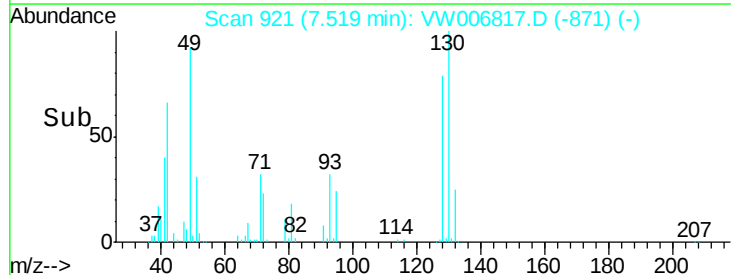
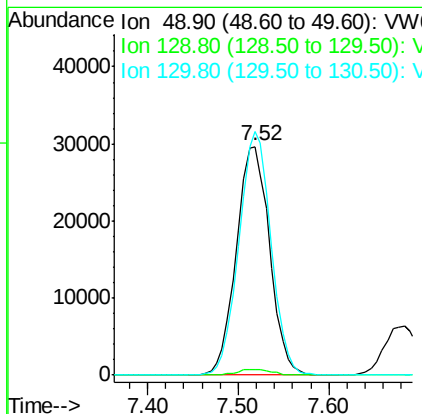
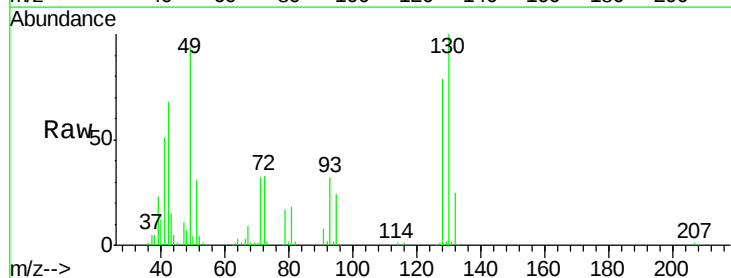
apatel
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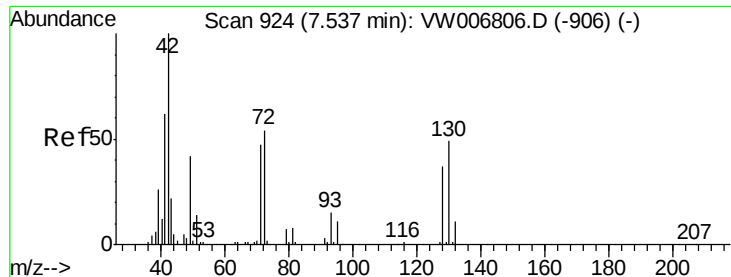


#28

Bromochloromethane
Concen: 52.819 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	75511		
129	2.6	0.0	5.6	
130	102.5	83.3	124.9	





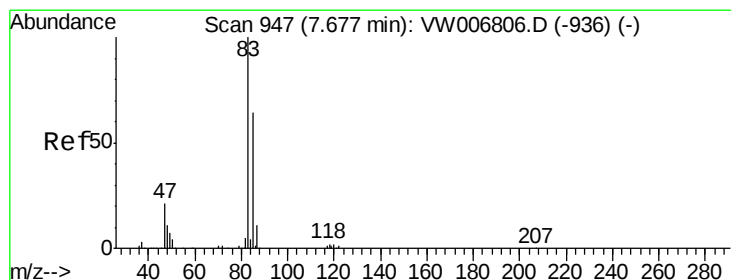
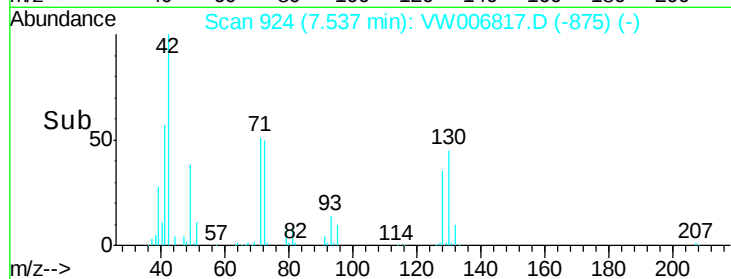
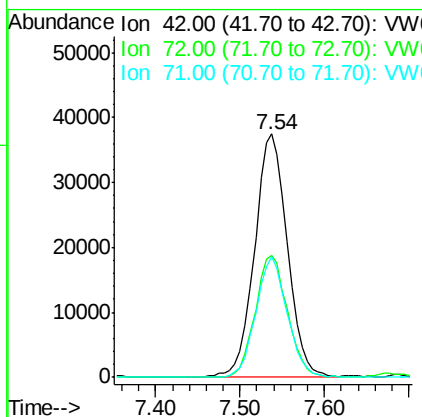
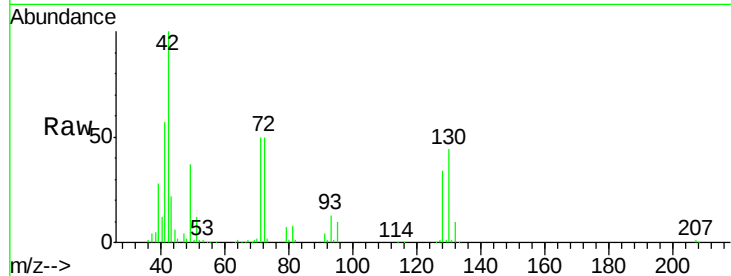
#29
Tetrahydrofuran
Concen: 293.866 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.3	40.9	61.3
71	47.3	36.9	55.3

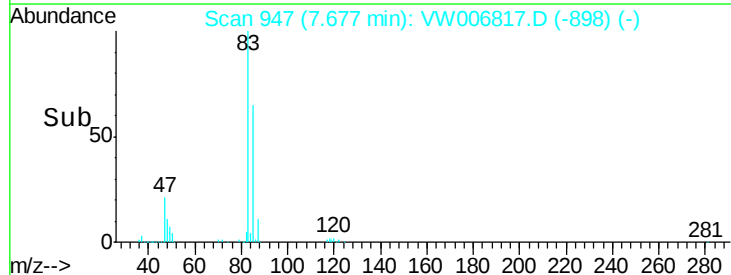
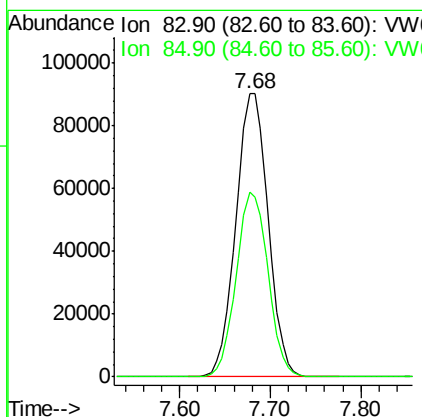
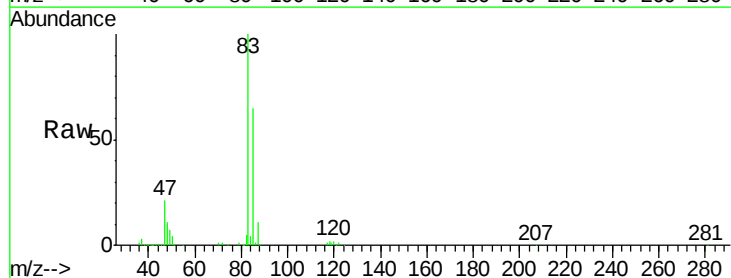
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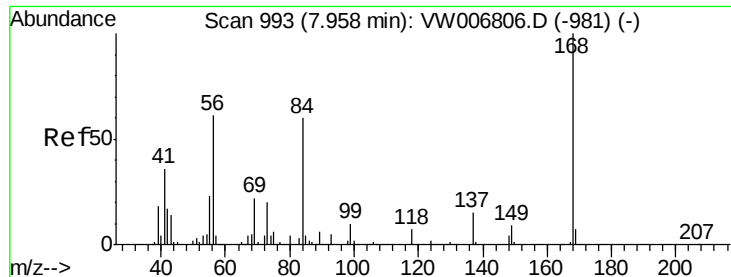
apatel
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#30
Chloroform
Concen: 49.923 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3





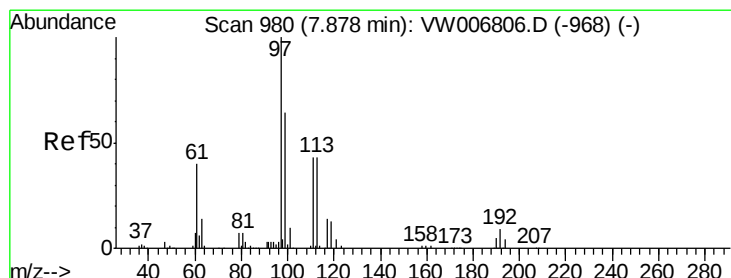
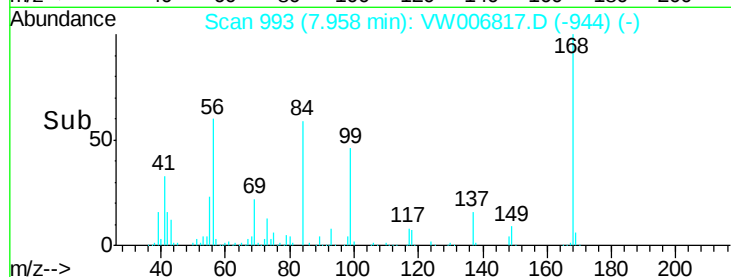
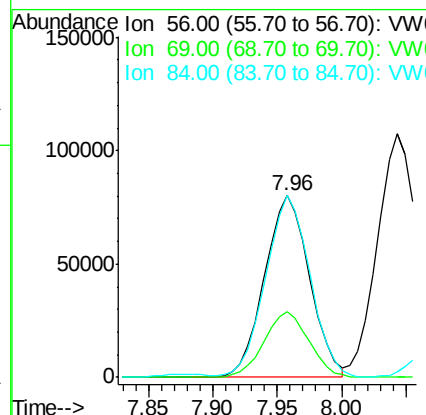
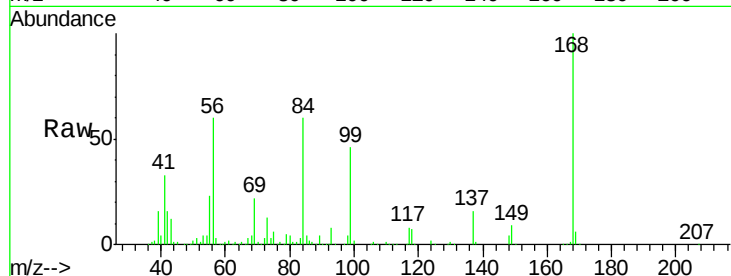
#31
Cyclohexane
Concen: 46.445 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.3	28.9	43.3
84	98.7	79.0	118.4

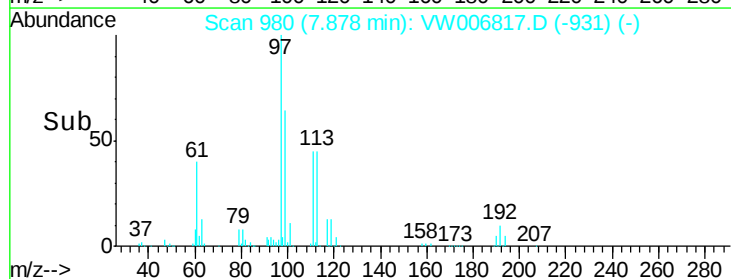
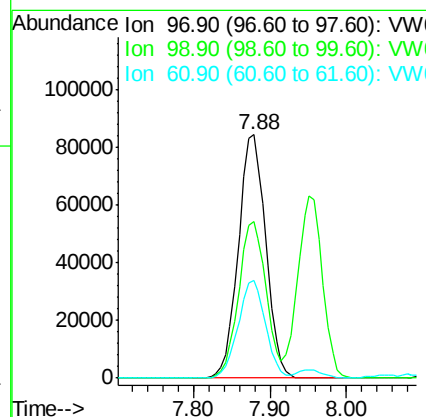
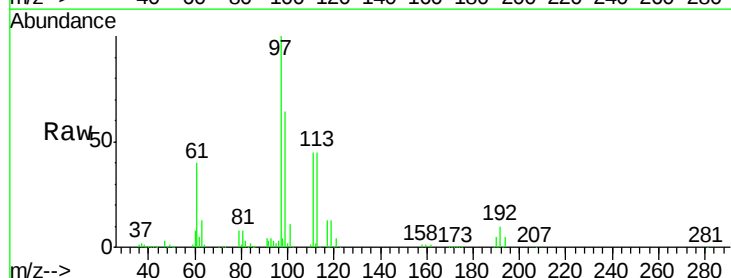
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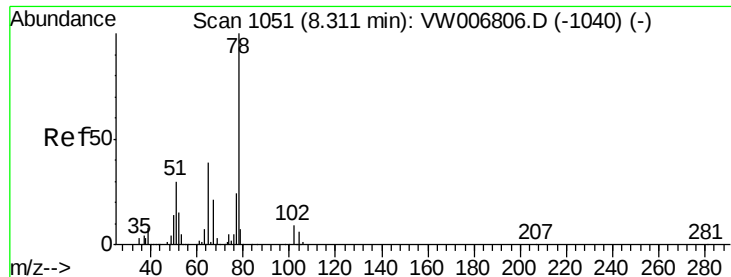
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#32
1,1,1-Trichloroethane
Concen: 48.715 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	40.1	32.2	48.4





#33

1,2-Dichloroethane-d4

Concen: 48.307 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion: 65 Resp: 105473

Ion Ratio Lower Upper

65 100

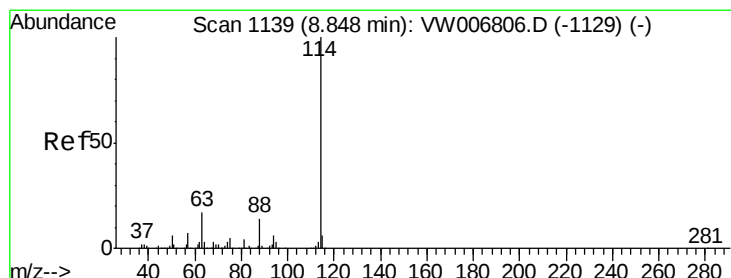
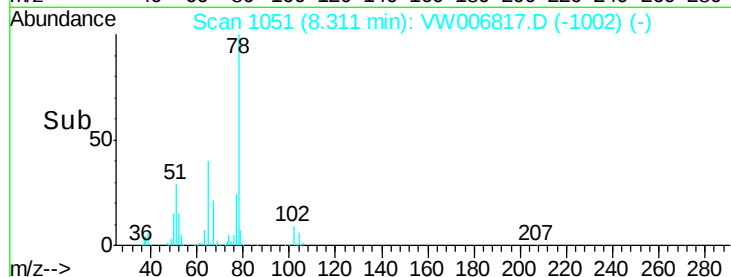
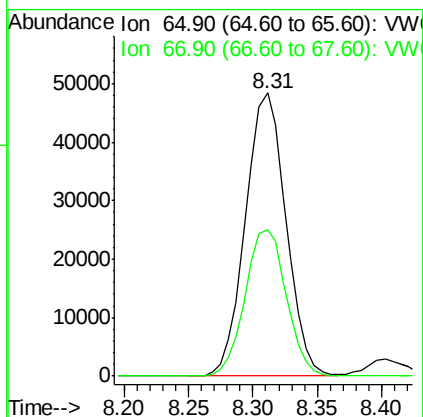
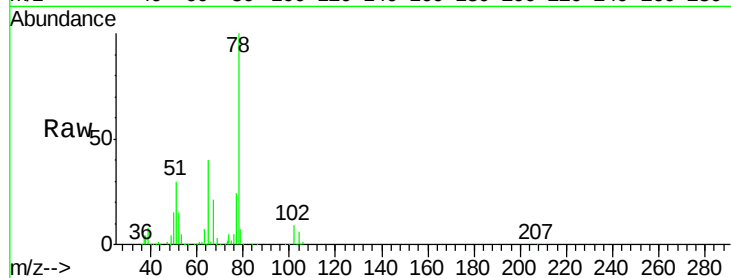
67 52.5 0.0 104.4

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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: VW006817.D

Acq: 12 Nov 2018 19:56

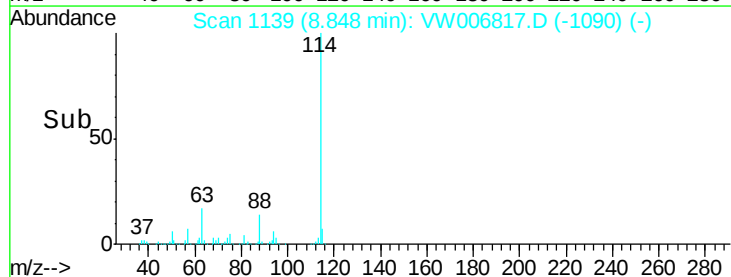
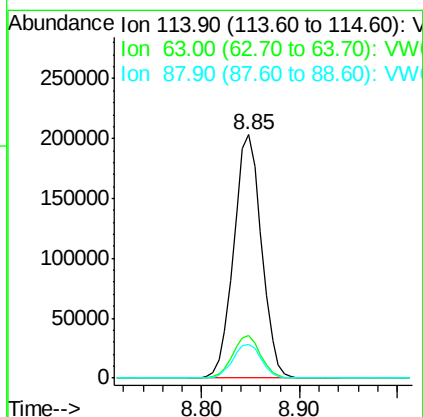
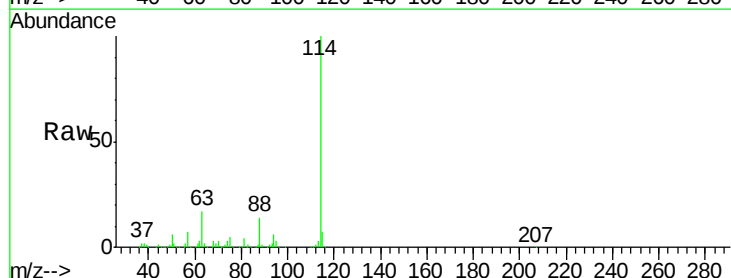
Tgt Ion: 114 Resp: 401285

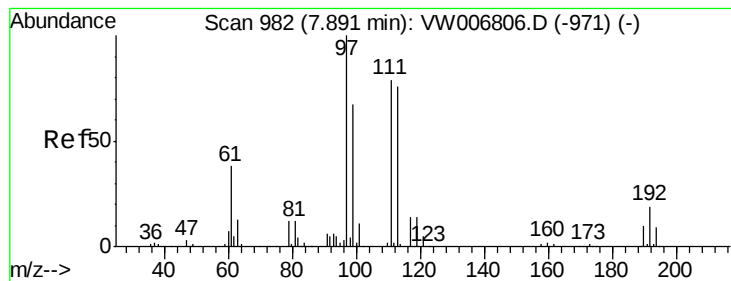
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.6

88 14.1 0.0 28.4





#35

Dibromofluoromethane

Concen: 46.549 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

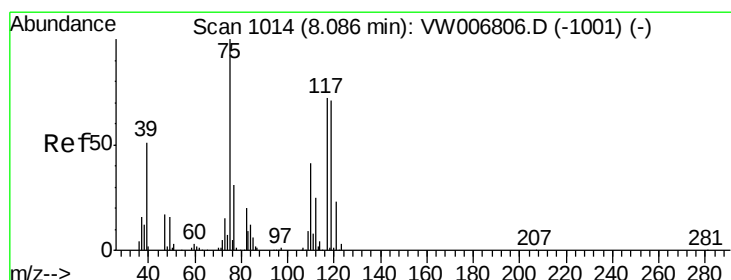
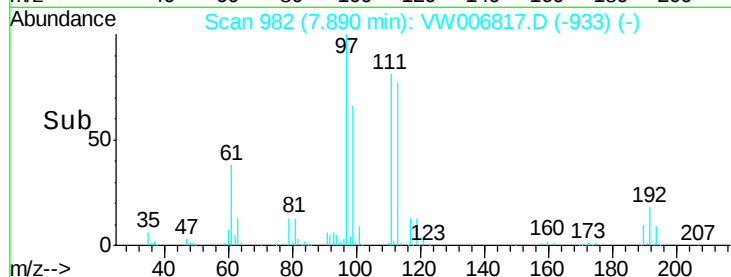
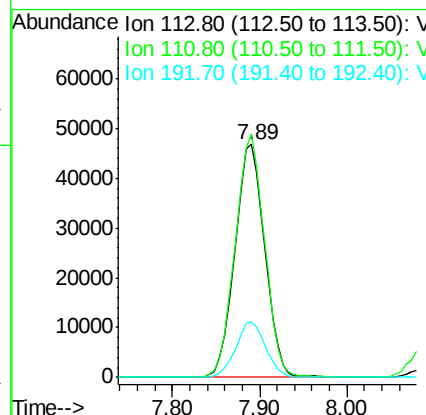
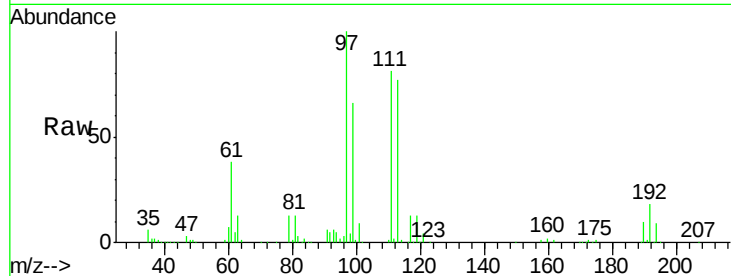
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion:	113	Resp:	111230
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.0	121.6
192	23.6	19.0	28.6

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#36

1,1-Dichloropropene

Concen: 47.983 ug/l

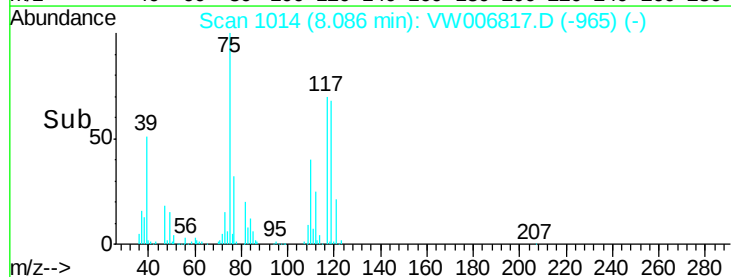
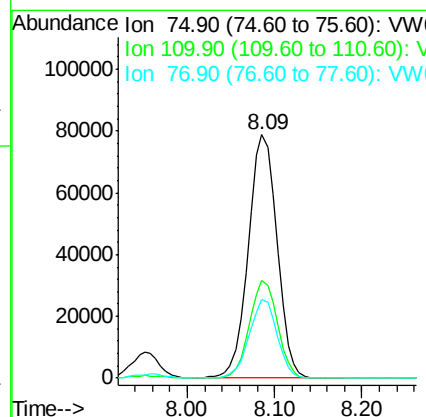
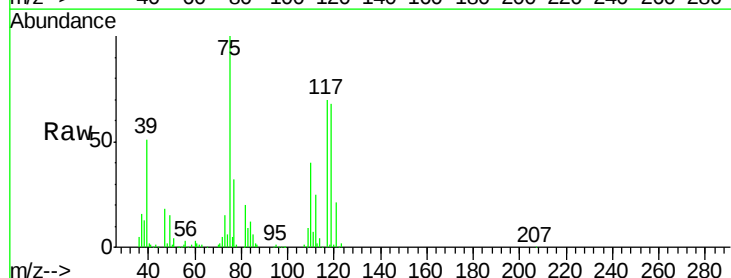
RT: 8.09 min Scan# 1014

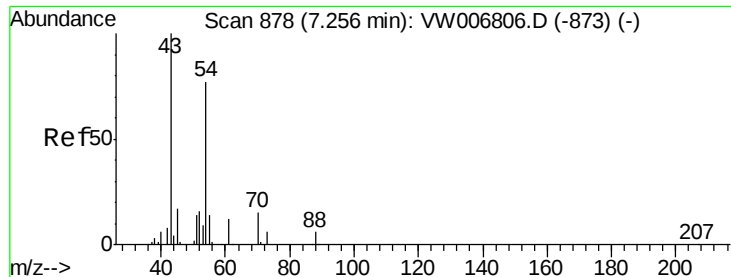
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion:	75	Resp:	180190
Ion Ratio	Lower	Upper	
75	100		
110	38.9	19.9	59.6
77	31.4	25.4	38.2





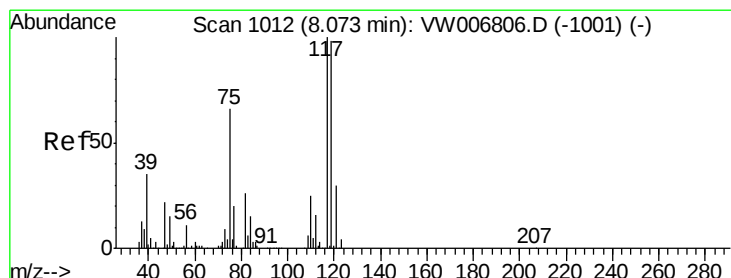
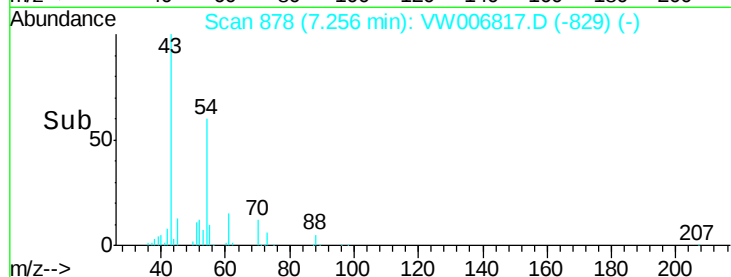
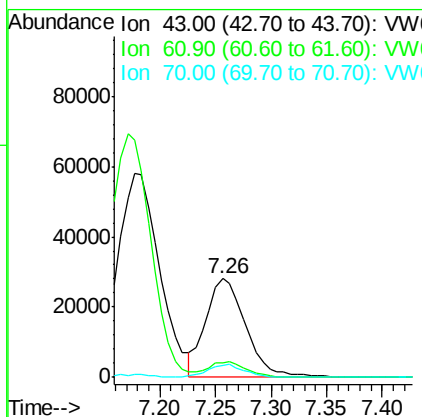
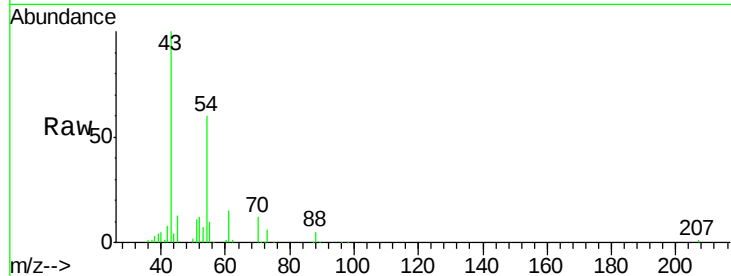
#37
Ethyl Acetate
Concen: 56.637 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	12.0	10.0	15.0

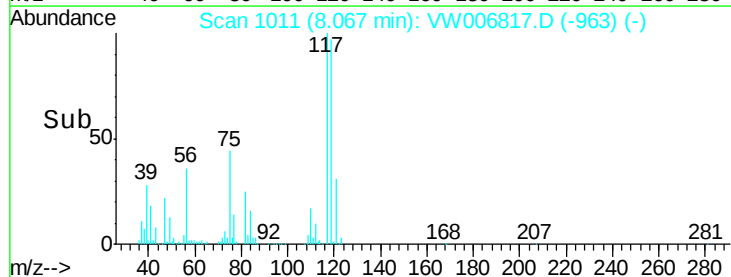
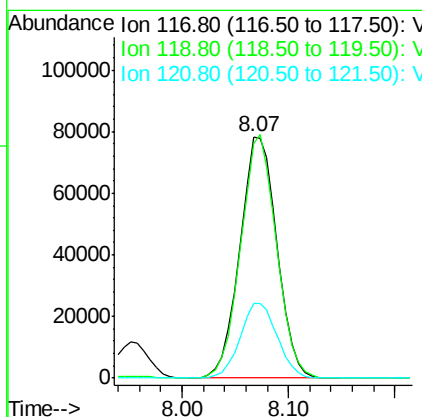
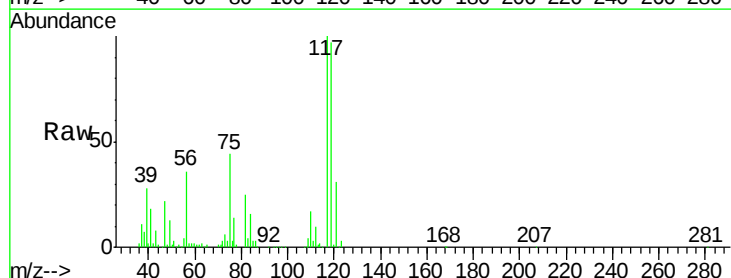
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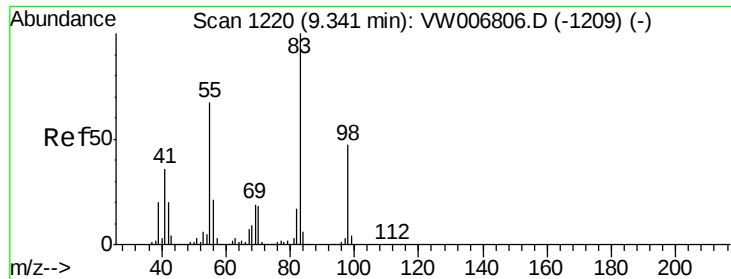
apatel
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#38
Carbon Tetrachloride
Concen: 46.792 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.5	117.7
121	30.8	24.2	36.2





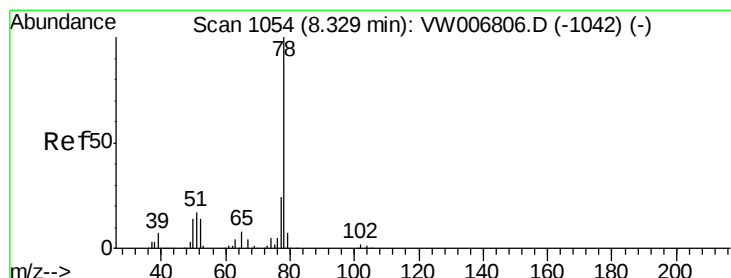
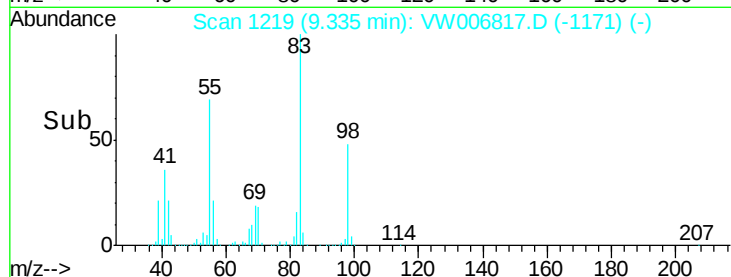
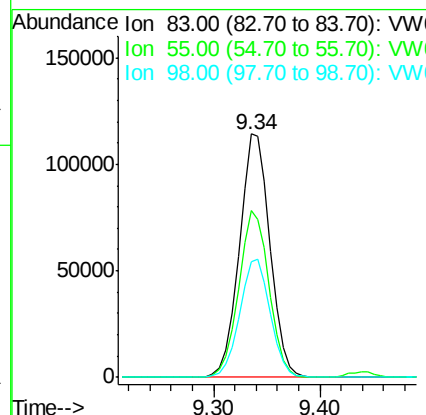
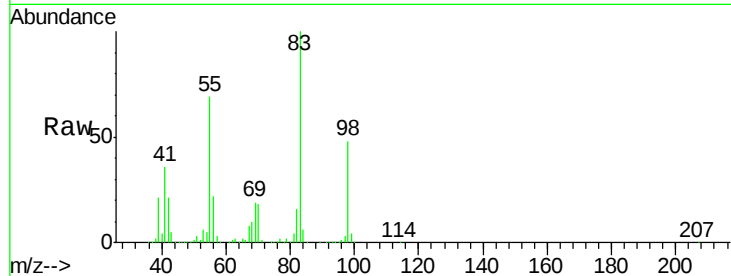
#39
Methylcyclohexane
Concen: 47.175 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.6	53.3	79.9
98	47.6	37.9	56.9

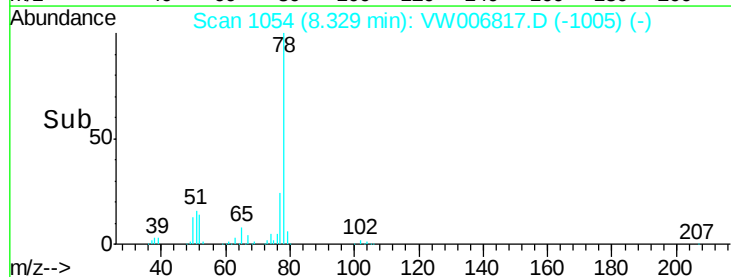
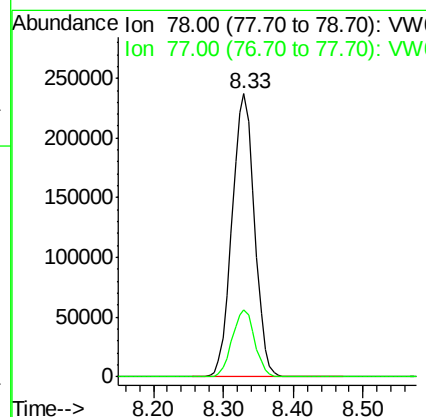
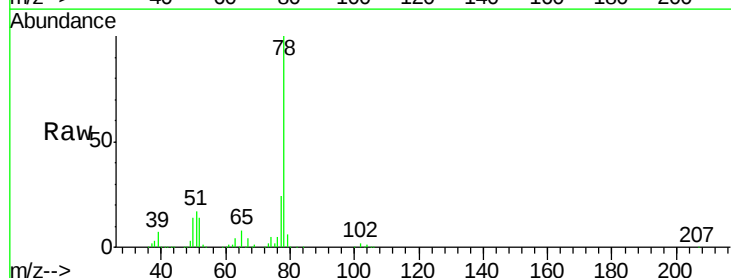
Manual Integrations
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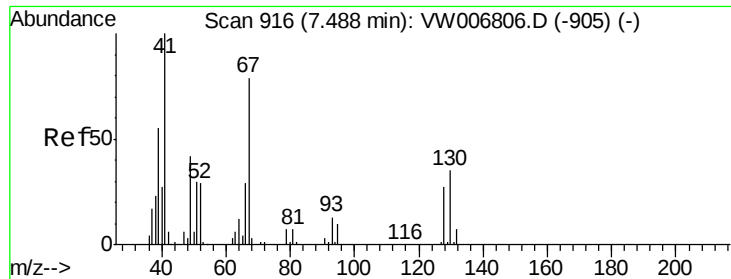
apatel
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#40
Benzene
Concen: 50.477 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





#41

Methacrylonitrile

Concen: 52.530 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

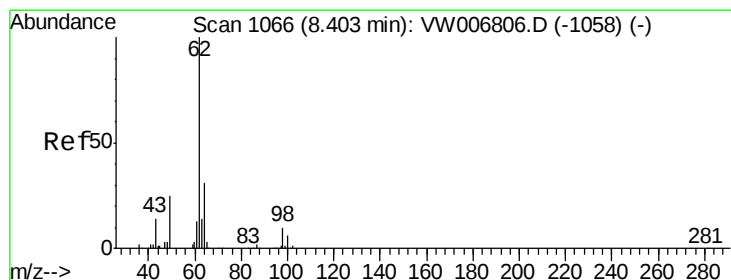
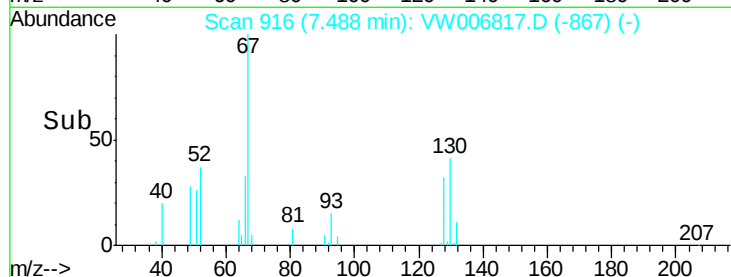
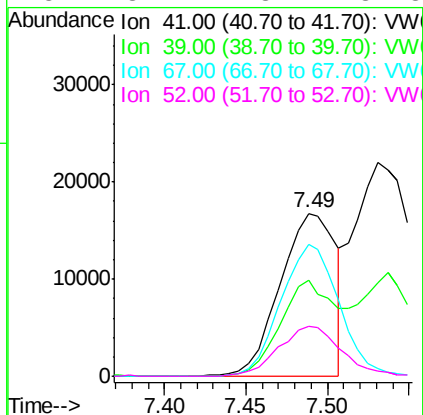
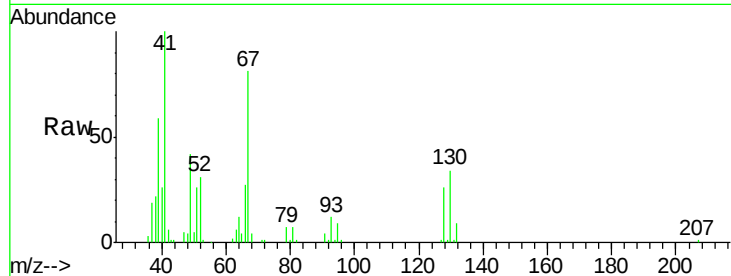
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.2	48.1	72.1
67	85.5	61.4	92.2
52	34.4	23.2	34.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 52.092 ug/l

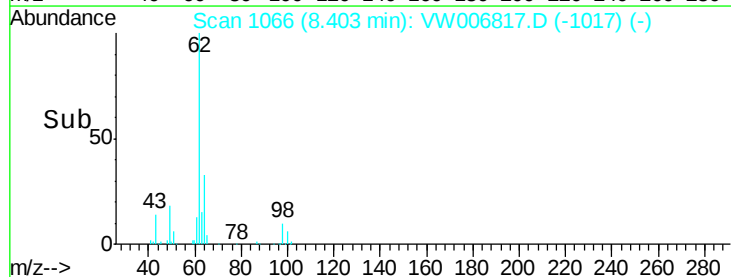
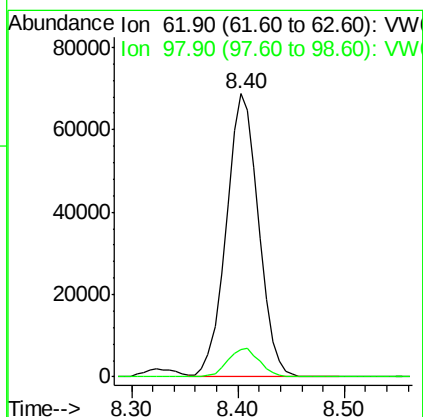
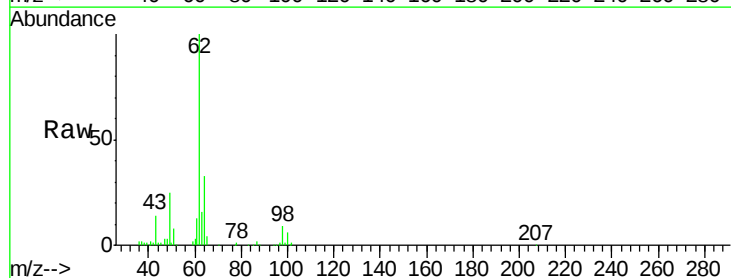
RT: 8.40 min Scan# 1066

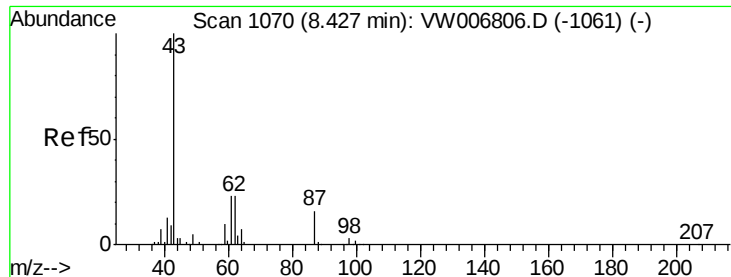
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 57.781 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

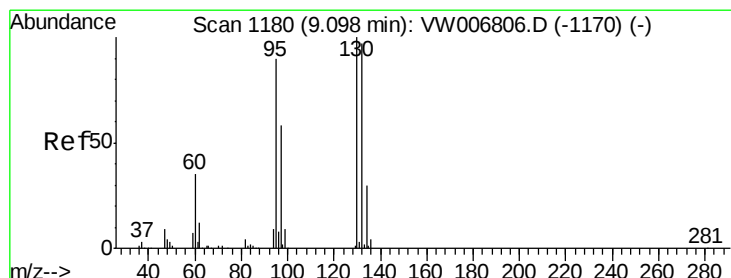
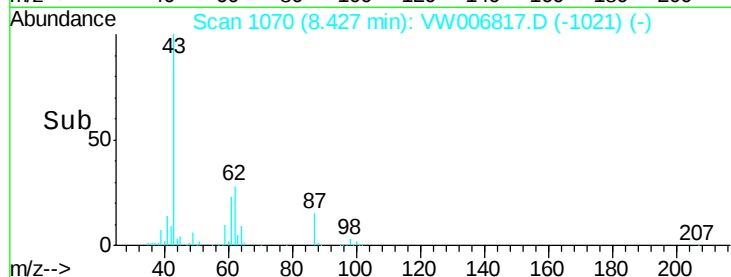
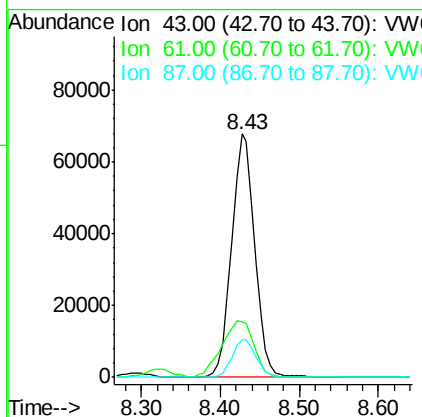
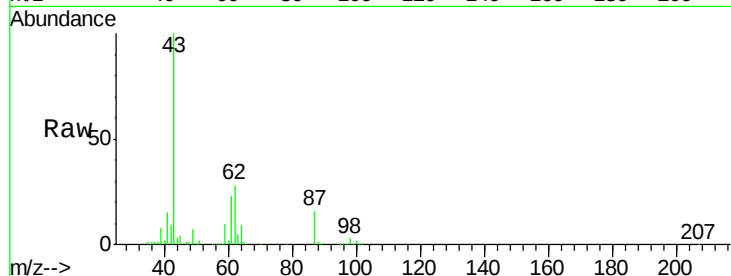
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion:	43	Resp:	137991
Ion Ratio		Lower	Upper
43	100		
61	32.5	27.0	40.4
87	16.2	13.0	19.4

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#44

Trichloroethene

Concen: 48.310 ug/l

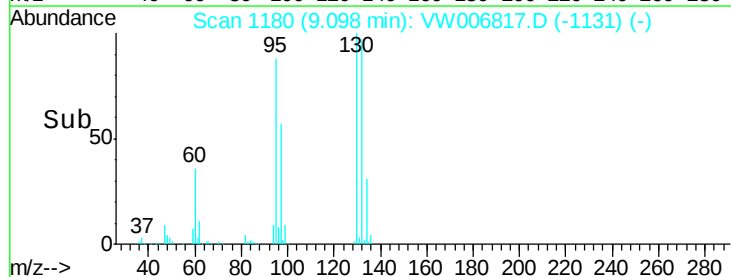
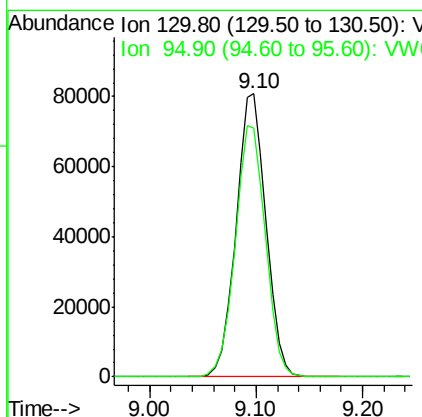
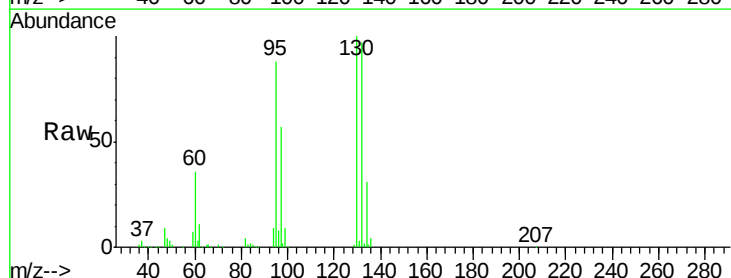
RT: 9.10 min Scan# 1180

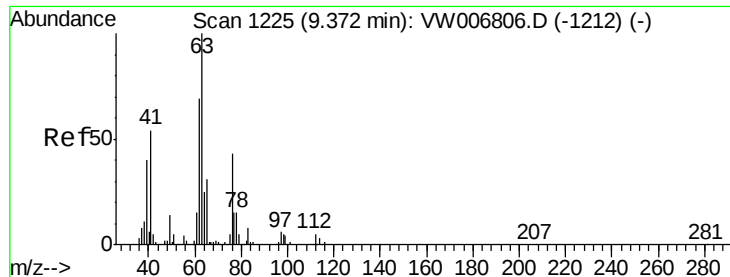
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion:	130	Resp:	159174
Ion Ratio		Lower	Upper
130	100		
95	88.0	0.0	180.2





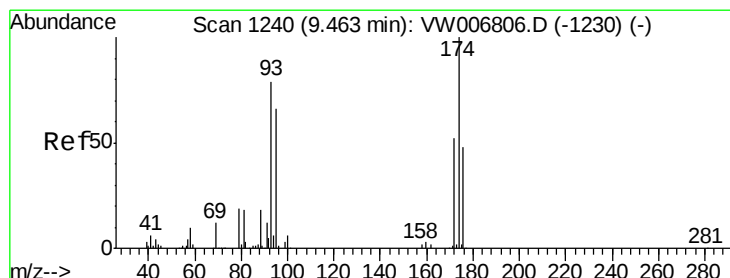
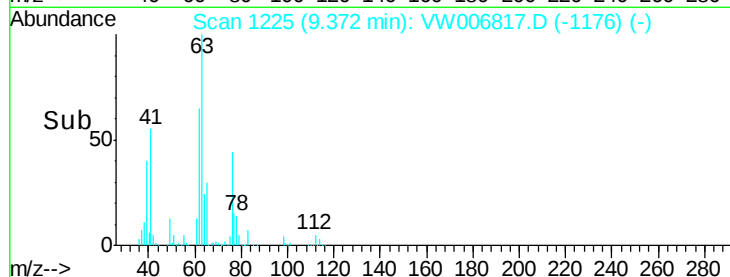
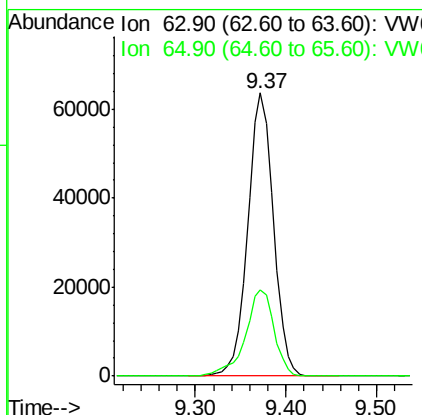
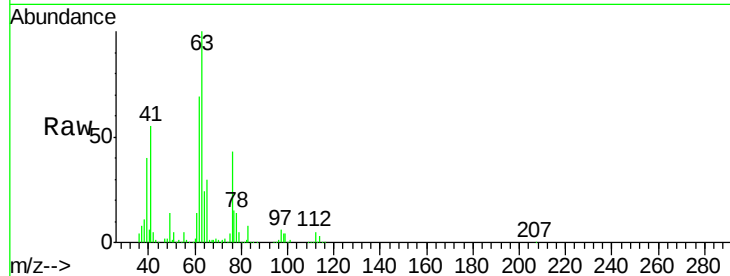
#45
 1,2-Dichloropropane
 Concen: 51.236 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.4	36.6

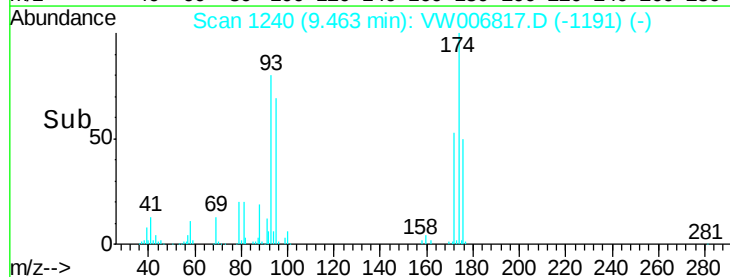
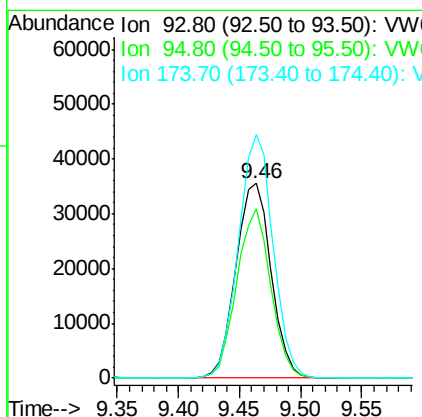
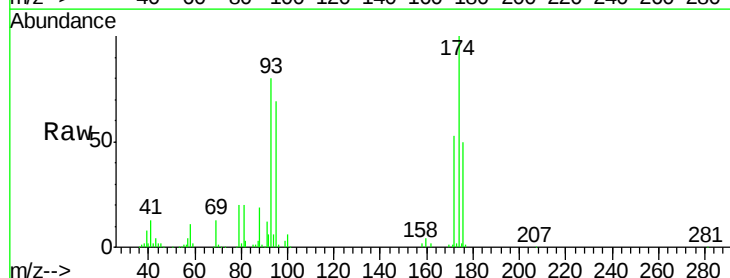
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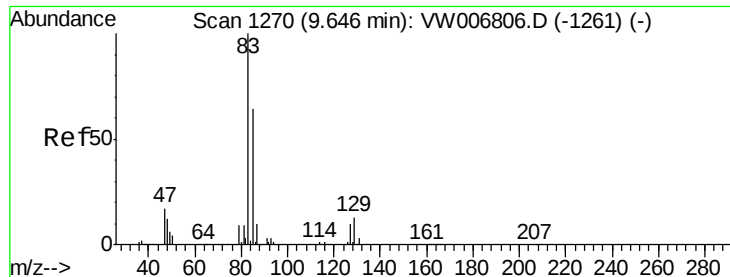
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#46
 Dibromomethane
 Concen: 52.513 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.0	100.6
174	122.8	98.6	147.8





#47

Bromodichloromethane

Concen: 50.975 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

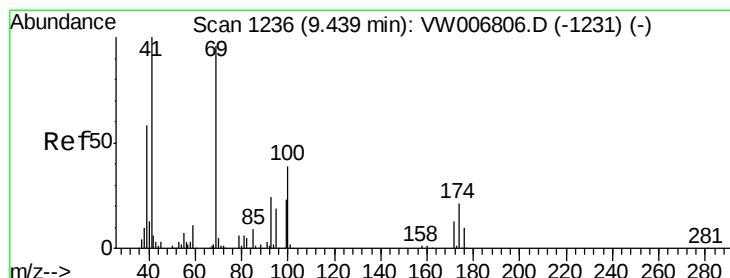
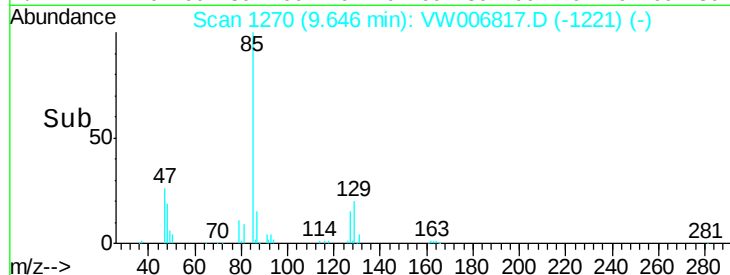
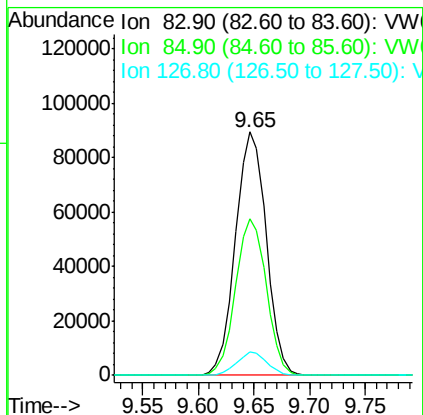
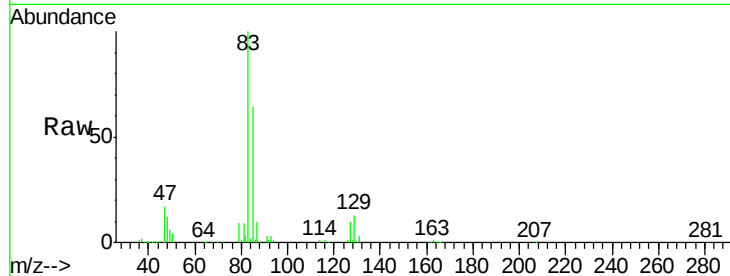
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion:	83	Resp:	171286
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.0
127	9.5	7.6	11.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.354 ug/l

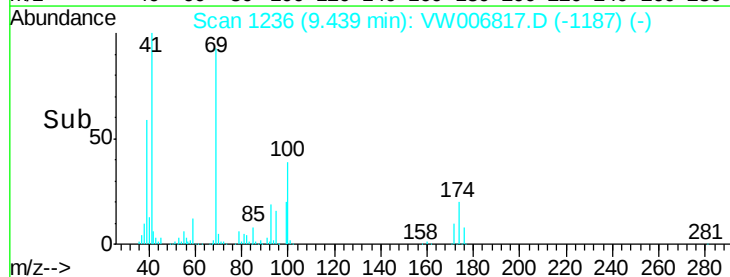
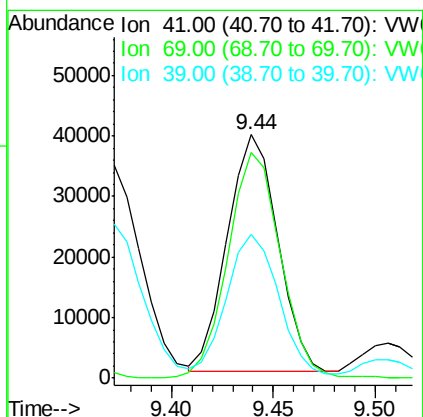
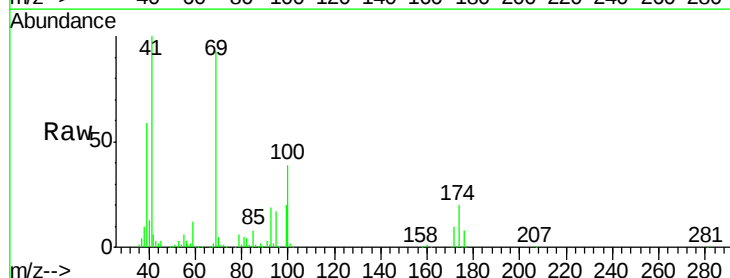
RT: 9.44 min Scan# 1236

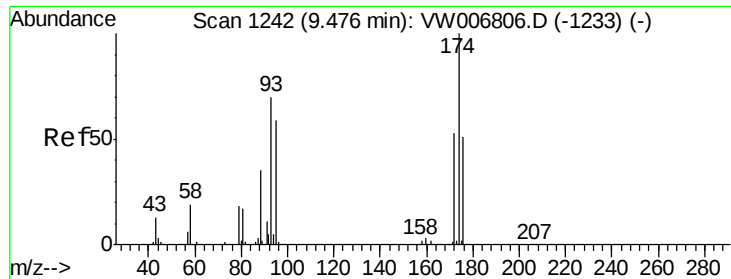
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion:	41	Resp:	67154
Ion	Ratio	Lower	Upper
41	100		
69	99.8	79.8	119.6
39	59.7	45.9	68.9





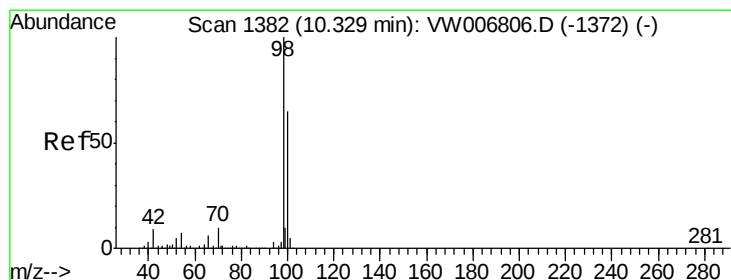
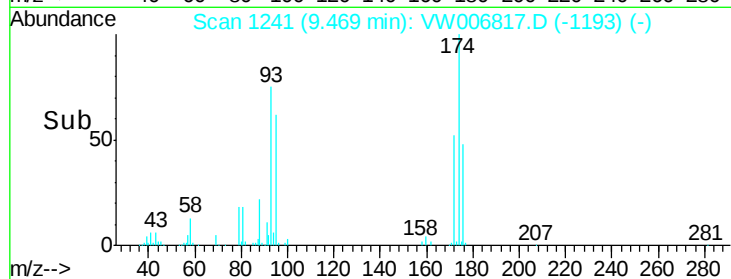
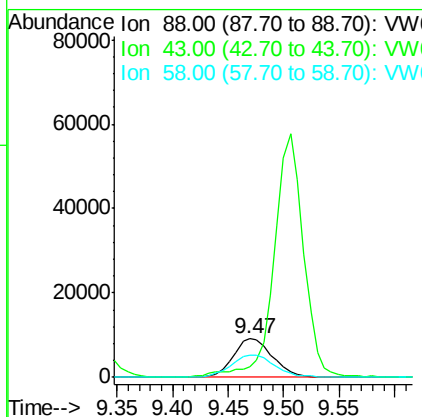
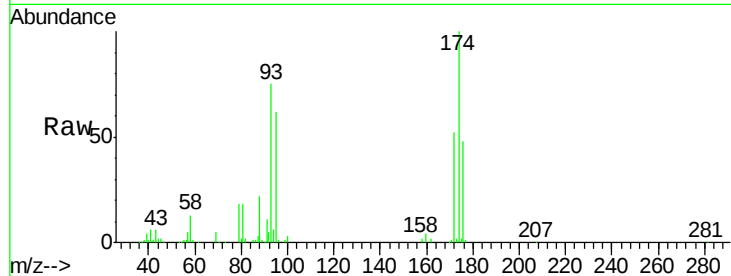
#49
1,4-Dioxane
Concen: 1098.002 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	22473		
43	0.0	0.0	0.0	0.0
58	64.0	50.6	75.8	

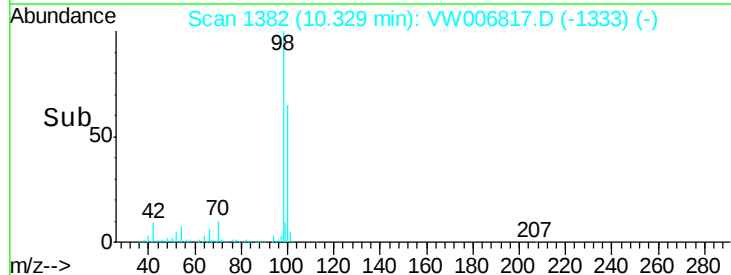
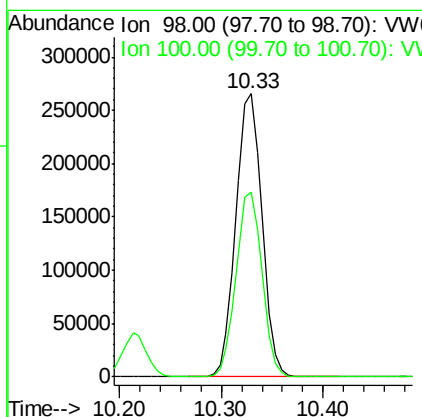
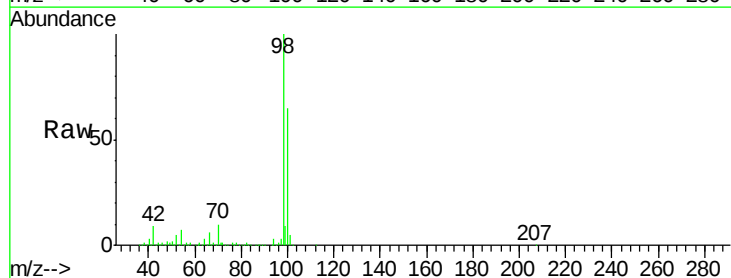
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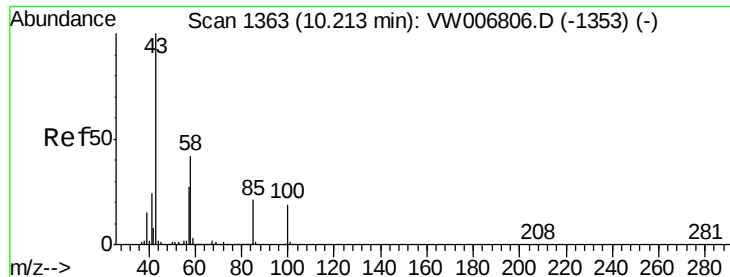
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#50
Toluene-d8
Concen: 47.468 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	470140		
100	64.9	51.4	77.2	





#51

4-Methyl-2-Pentanone

Concen: 303.403 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion: 43 Resp: 363322

Ion Ratio Lower Upper

43 100

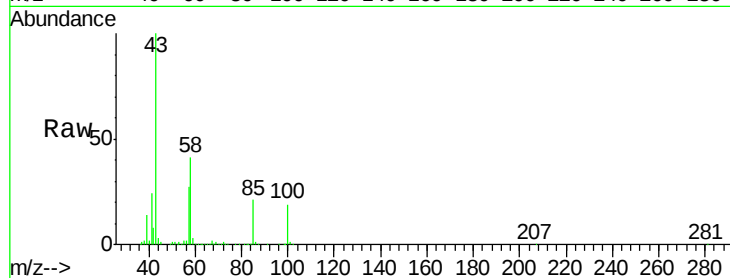
58 42.3 34.0 51.0

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

250000

200000

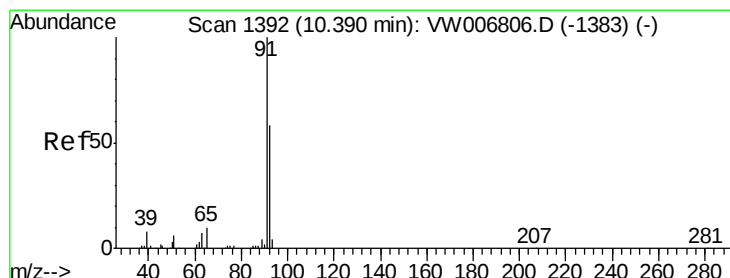
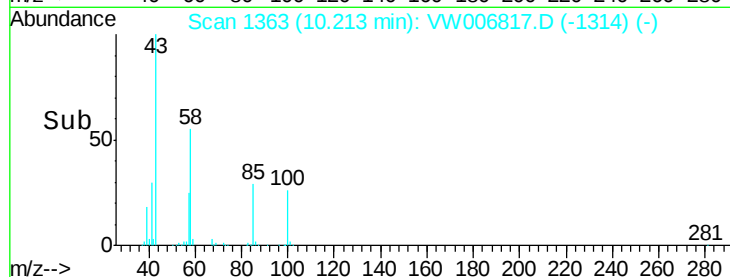
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 52.854 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006817.D

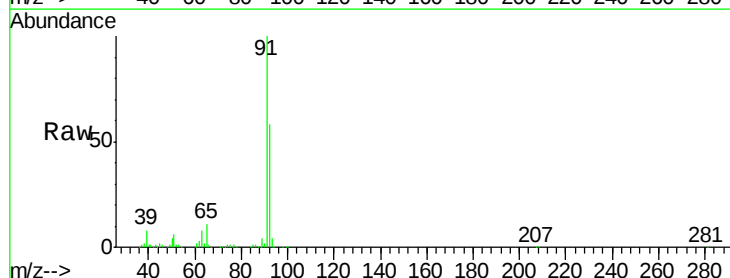
Acq: 12 Nov 2018 19:56

Tgt Ion: 92 Resp: 391266

Ion Ratio Lower Upper

92 100

91 173.3 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

400000

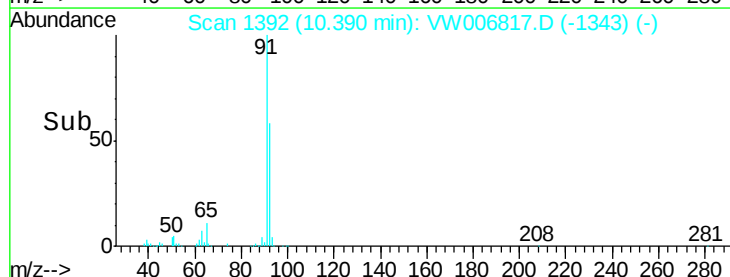
300000

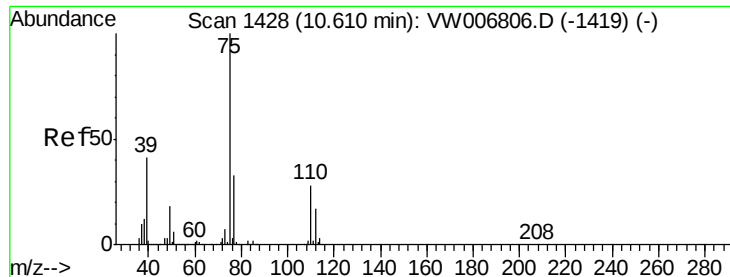
200000

100000

0

Time--> 10.30 10.40





#53

t-1,3-Dichloropropene

Concen: 53.582 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion: 75 Resp: 177248

Ion Ratio Lower Upper

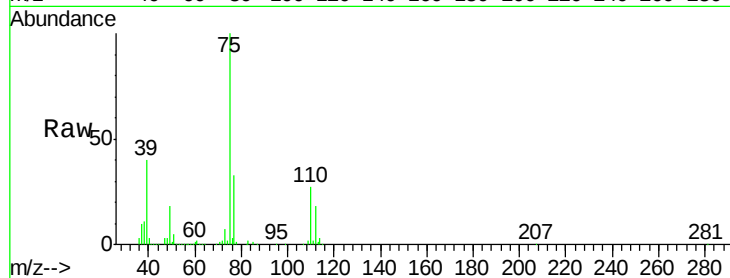
75 100

77 32.5 26.3 39.5

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

120000

100000

80000

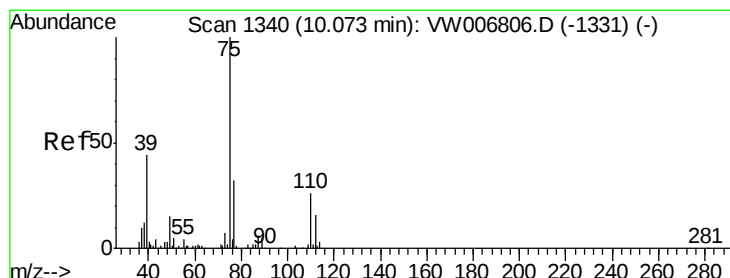
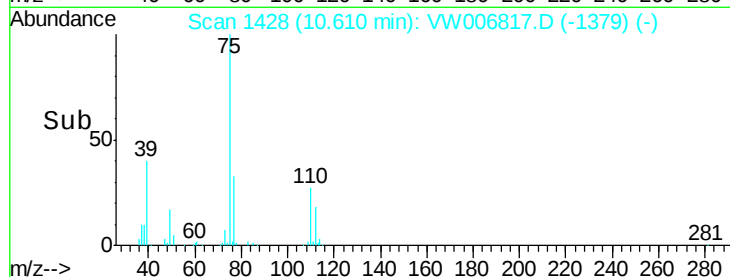
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 52.163 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

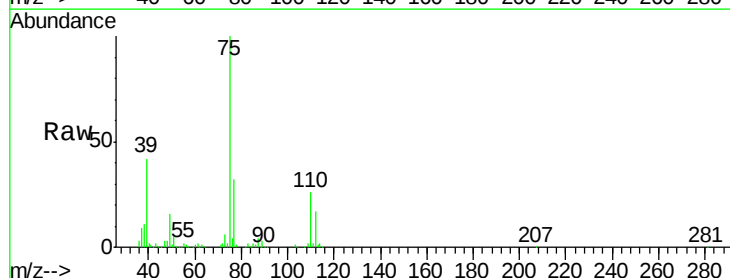
Tgt Ion: 75 Resp: 204610

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 42.2 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

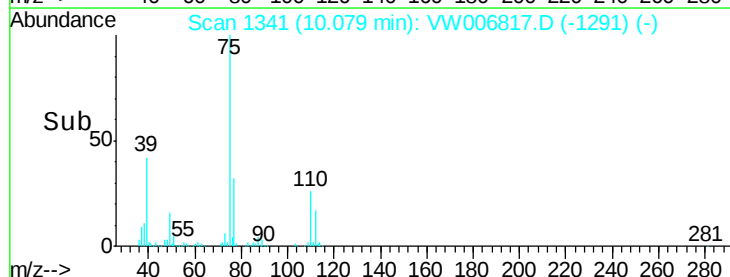
150000

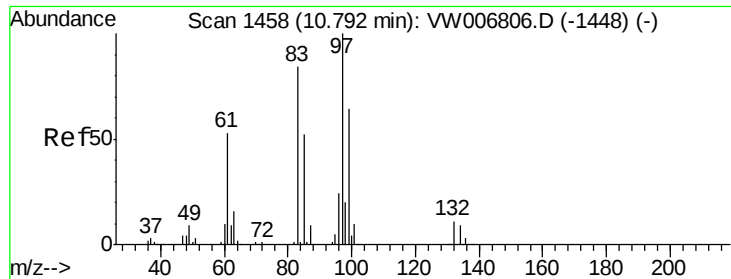
100000

50000

0

Time--> 10.00 10.10





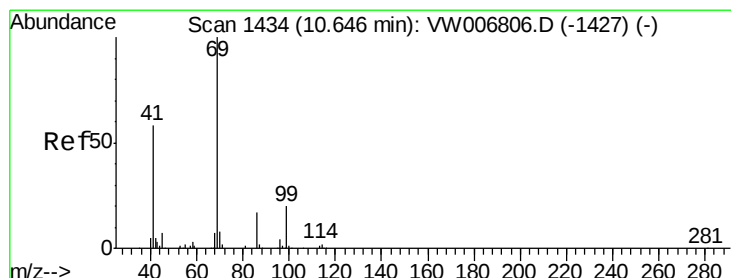
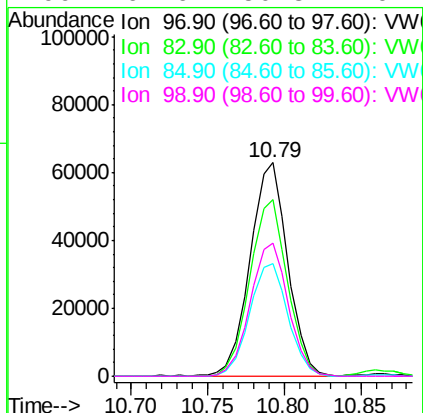
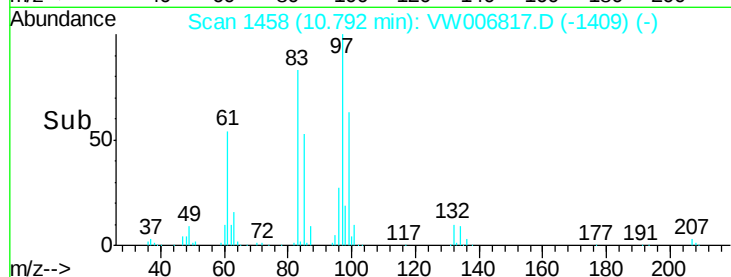
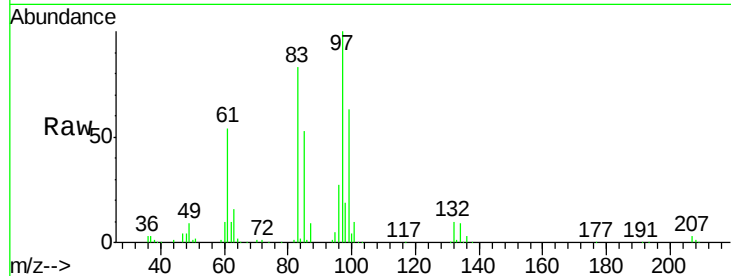
#55
 1,1,2-Trichloroethane
 Concen: 53.774 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.0	100.4
85	52.7	41.7	62.5
99	62.6	50.8	76.2

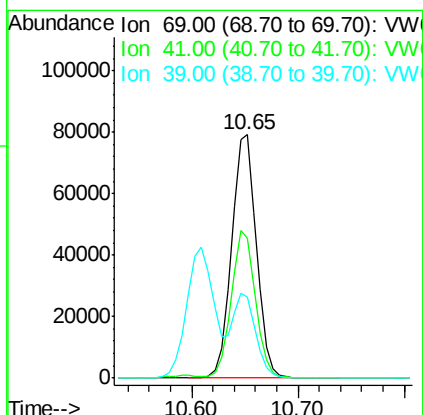
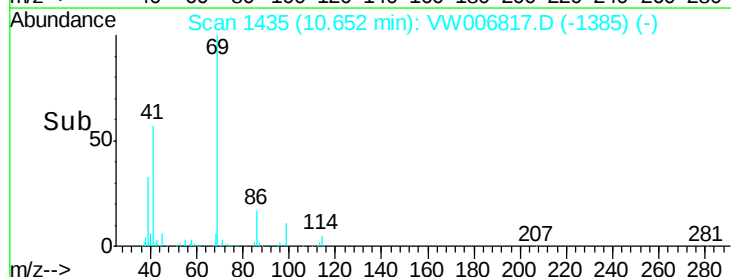
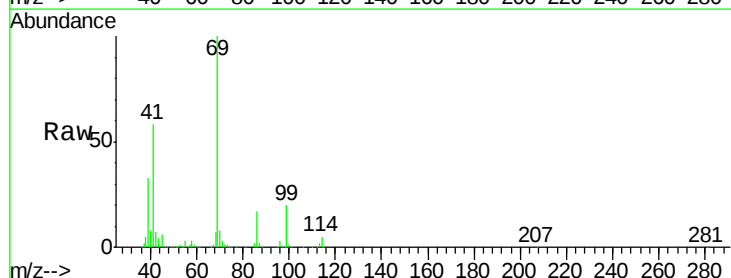
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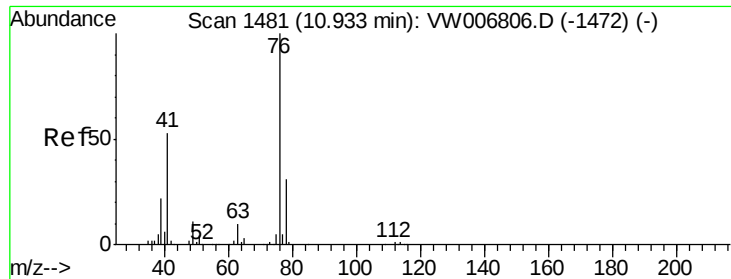
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#56
 Ethyl methacrylate
 Concen: 58.666 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.0	70.4
39	33.9	23.1	34.7





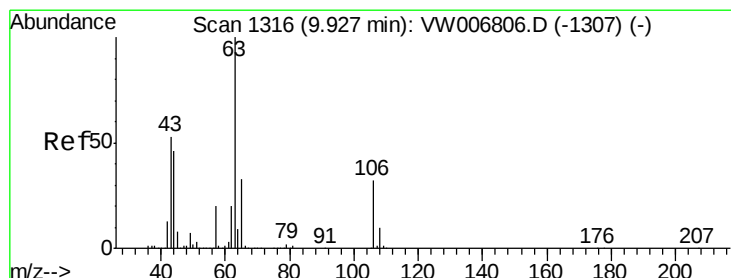
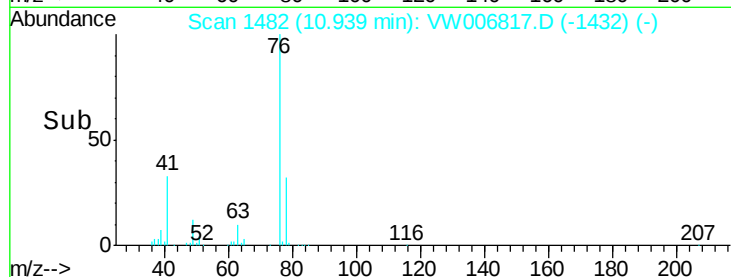
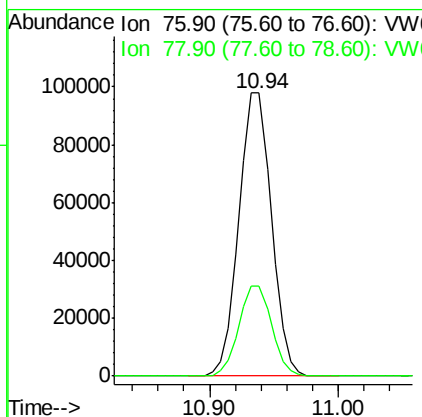
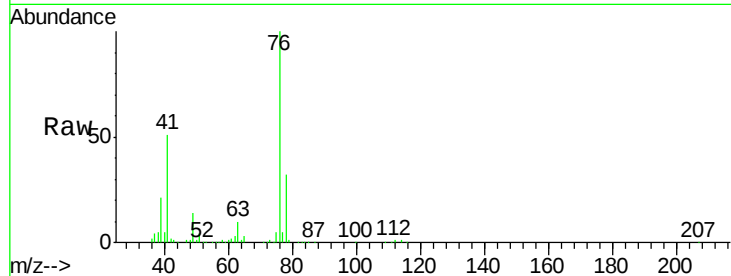
#57
 1,3-Dichloropropane
 Concen: 53.992 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

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

Tgt Ion: 76 Resp: 171888
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

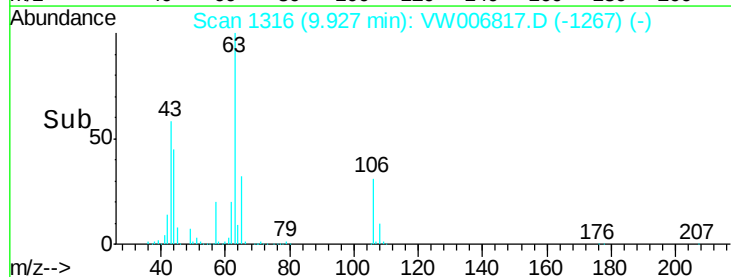
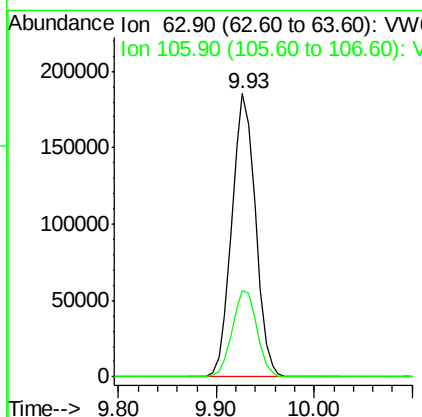
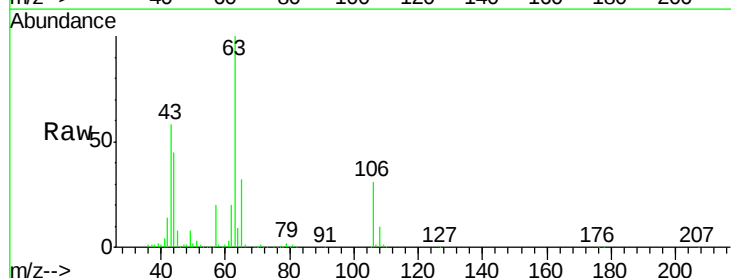
Manual Integrations
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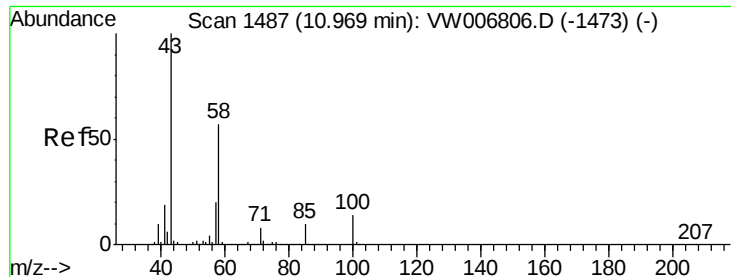
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#58
 2-Chloroethyl Vinyl ether
 Concen: 283.278 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion: 63 Resp: 312570
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.4 38.0





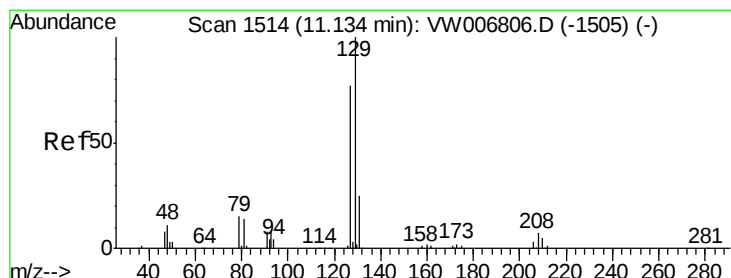
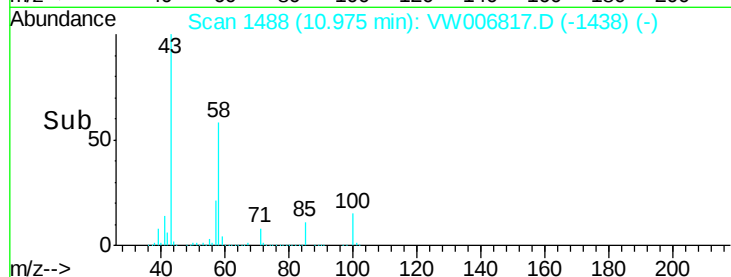
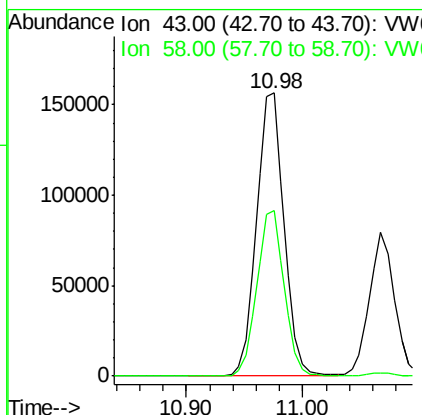
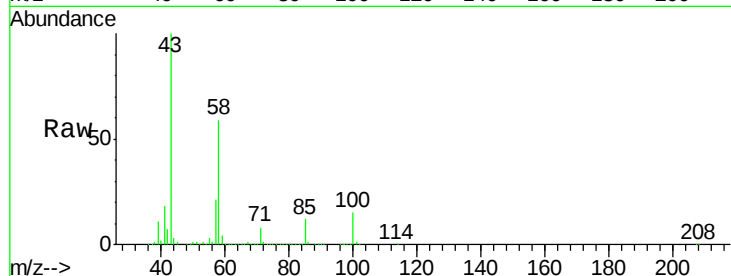
#59
2-Hexanone
Concen: 312.356 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion: 43 Resp: 258001
Ion Ratio Lower Upper
43 100
58 58.3 28.7 86.1

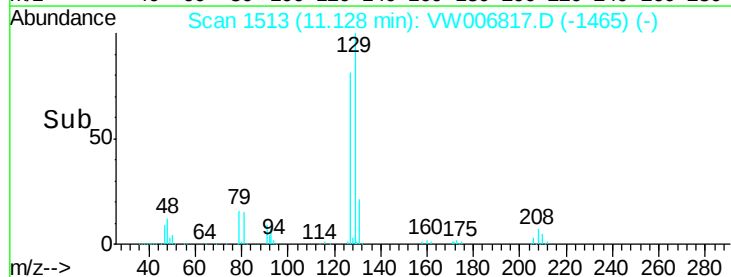
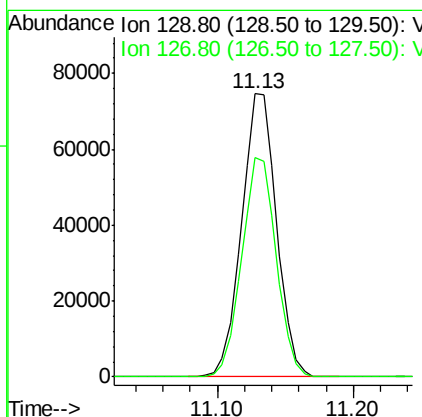
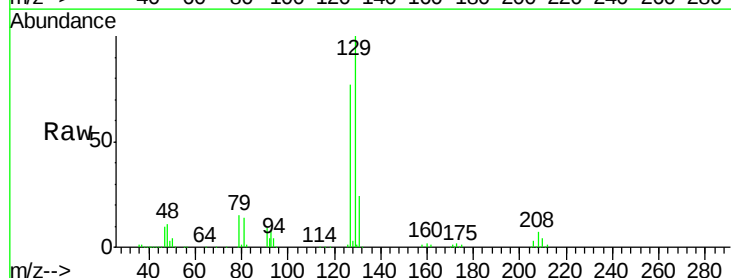
Manual Integrations
APPROVED

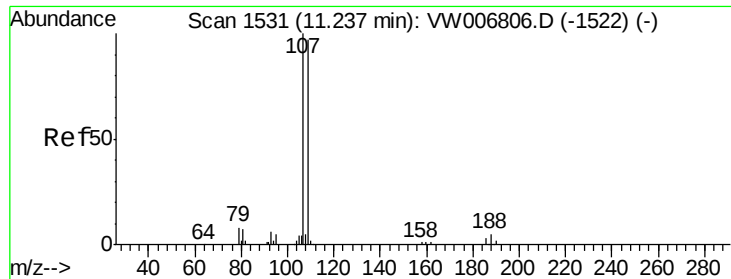
apatel
11/13/2018 3:55:51 PM



#60
Dibromochloromethane
Concen: 54.403 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 129 Resp: 133820
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1





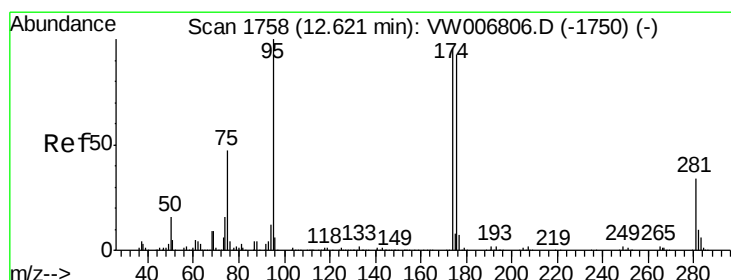
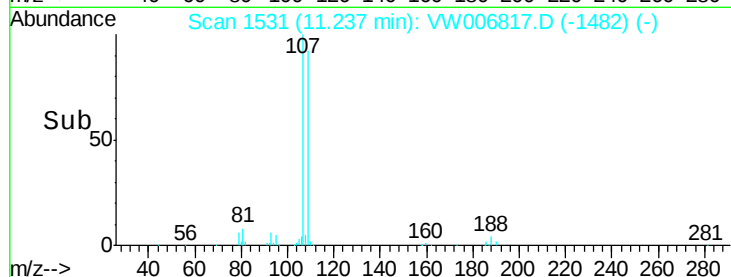
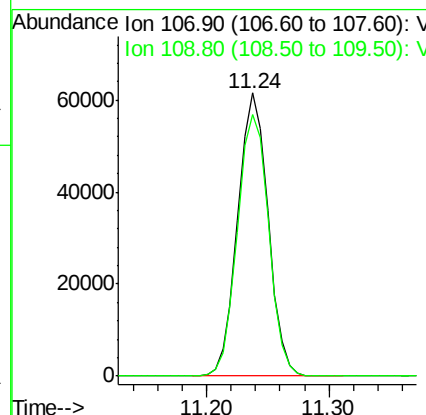
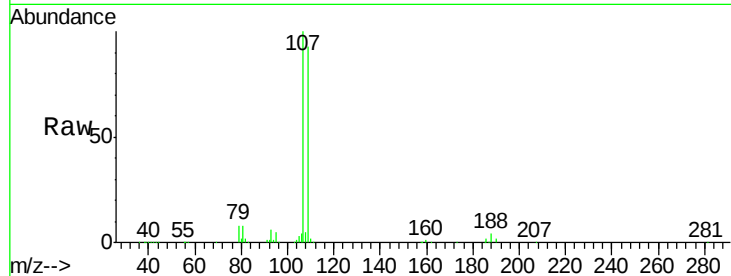
#61
1,2-Dibromoethane
Concen: 55.343 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	105661		
109	95.1	76.7	115.1	

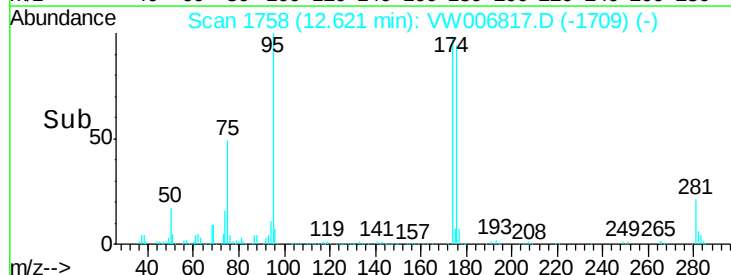
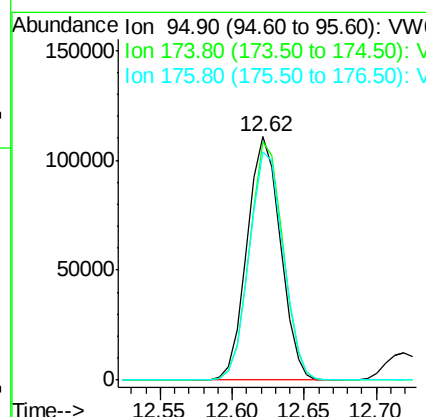
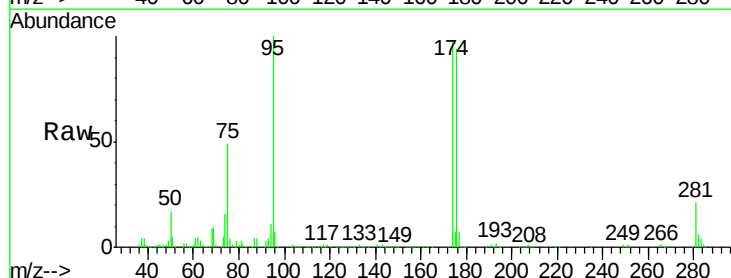
Manual Integrations
APPROVED

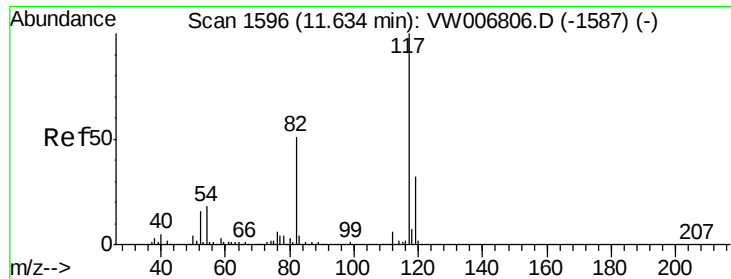
apatel
11/13/2018 3:55:51 PM



#62
4-Bromofluorobenzene
Concen: 48.747 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	177821		
174	97.5	0.0	196.6	
176	95.0	0.0	191.6	





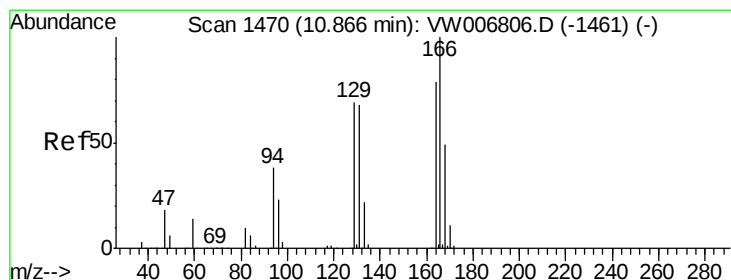
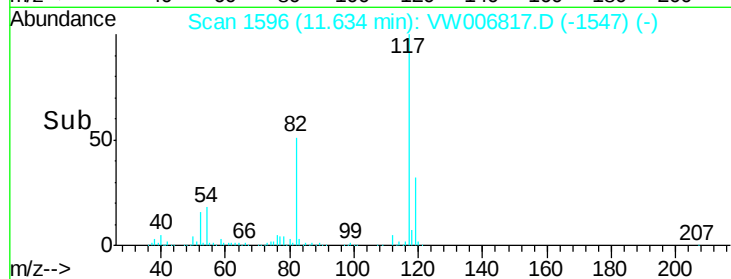
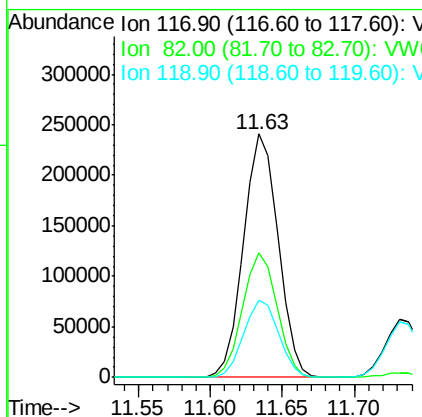
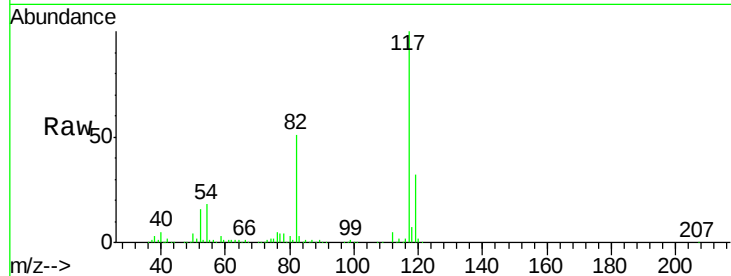
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	401341		
82	51.4	40.6	61.0	
119	31.7	25.5	38.3	

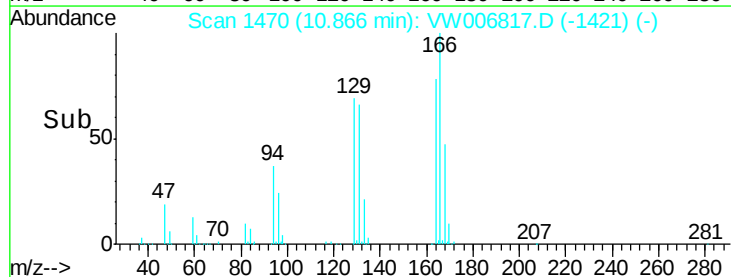
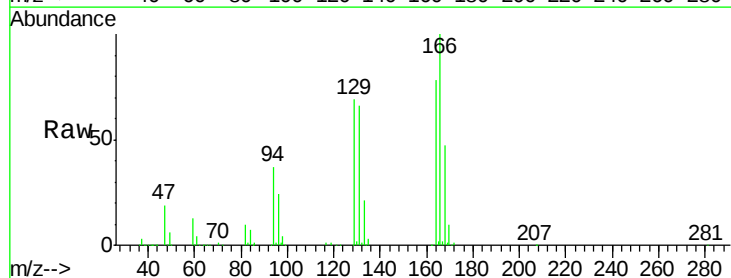
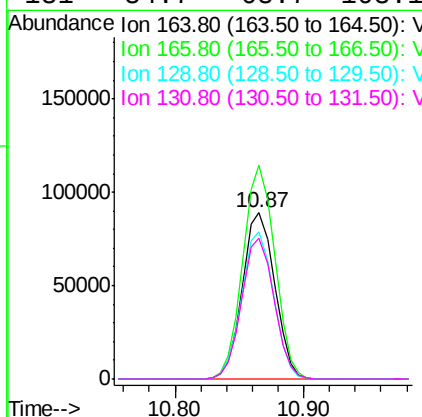
Manual Integrations
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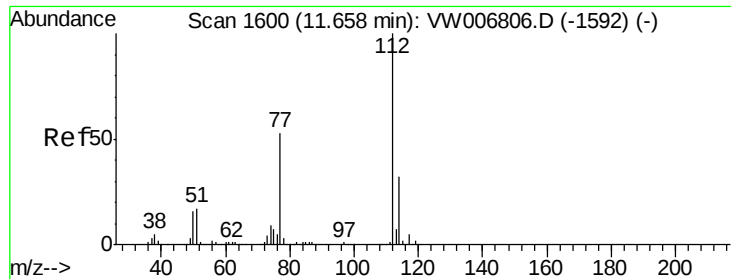
apatel
11/13/2018 3:55:51 PM



#64
Tetrachloroethene
Concen: 48.099 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	154696		
166	128.5	101.3	151.9	
129	88.5	69.6	104.4	
131	84.7	68.7	103.1	





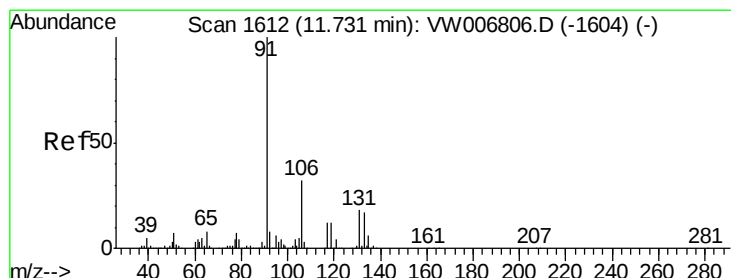
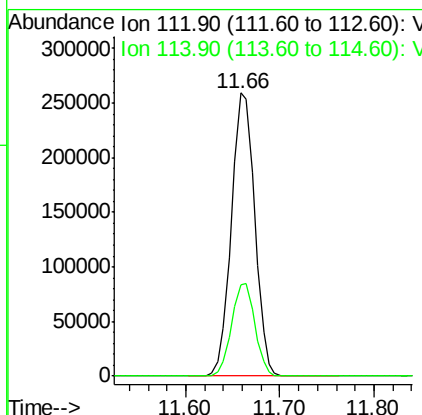
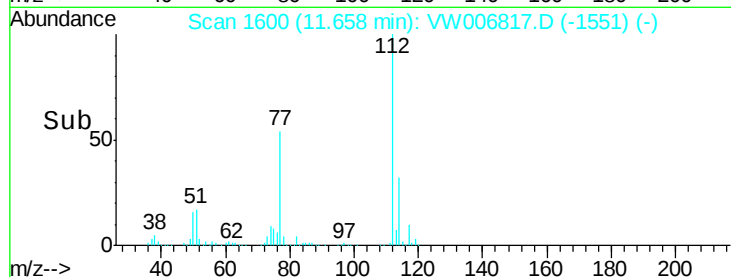
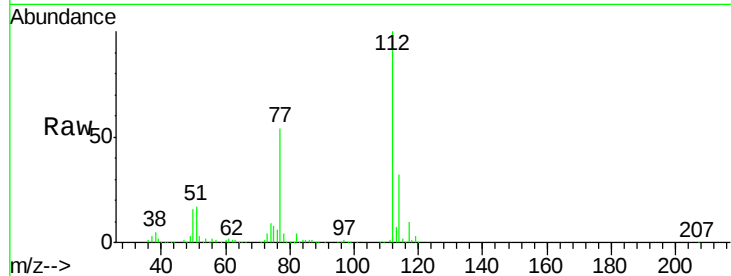
#65
Chlorobenzene
Concen: 50.183 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion:112 Resp: 446814
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0

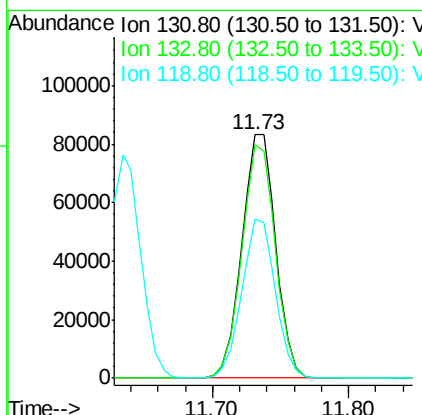
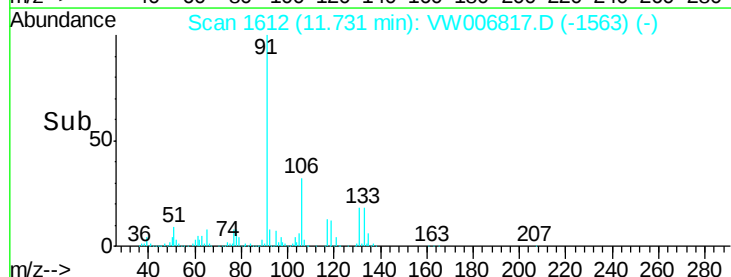
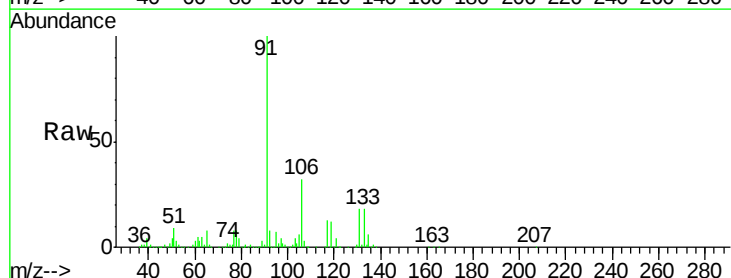
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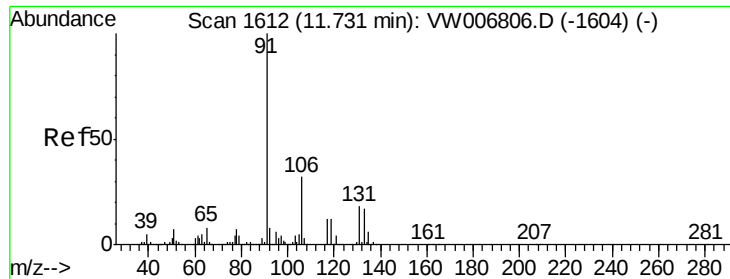
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.037 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion:131 Resp: 144565
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.8
119 64.6 32.4 97.2





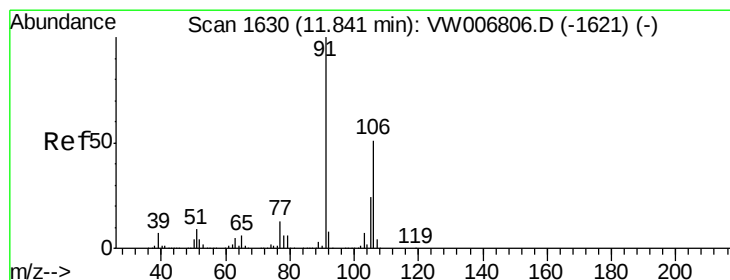
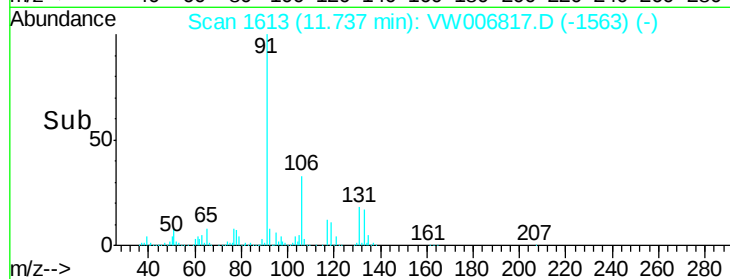
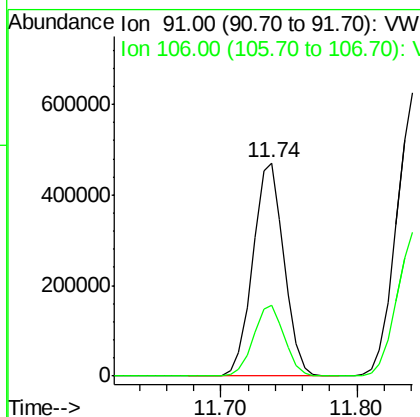
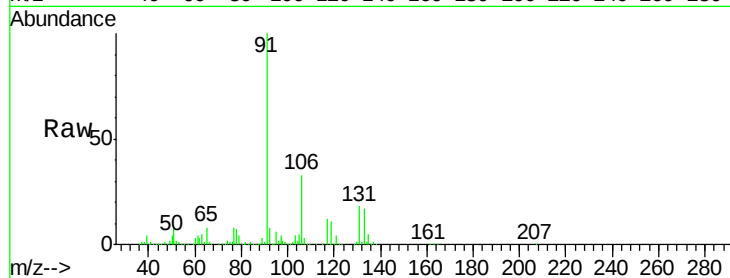
#67
Ethyl Benzene
Concen: 49.881 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion: 91 Resp: 757147
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.0

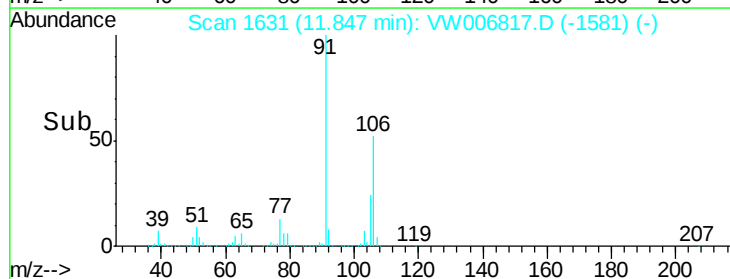
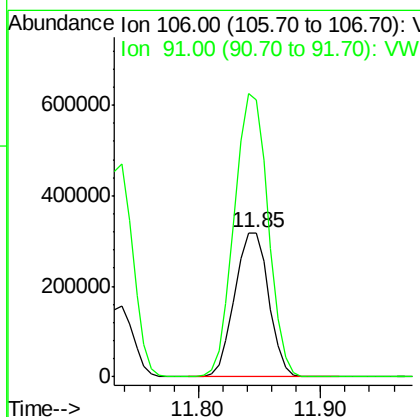
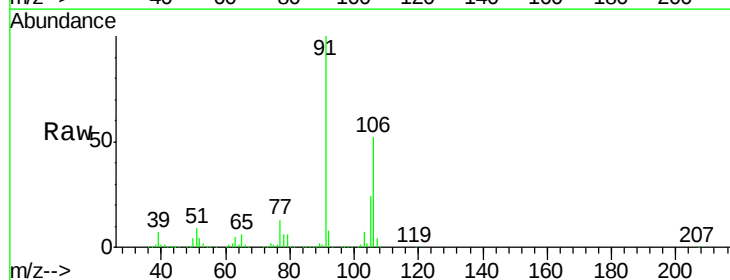
Manual Integrations
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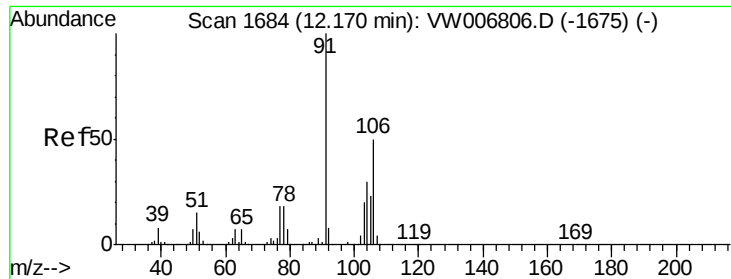
apatel
11/13/2018 3:55:51 PM



#68
m/p-Xylenes
Concen: 98.888 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion: 106 Resp: 614143
Ion Ratio Lower Upper
106 100
91 195.3 155.7 233.5





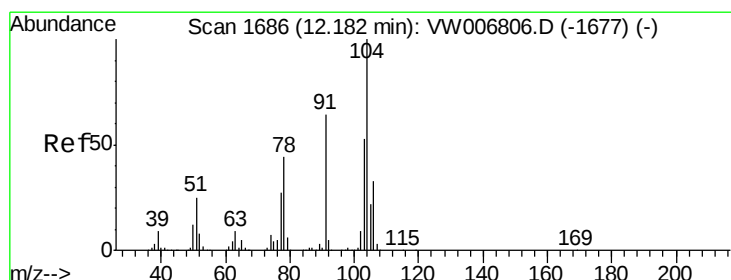
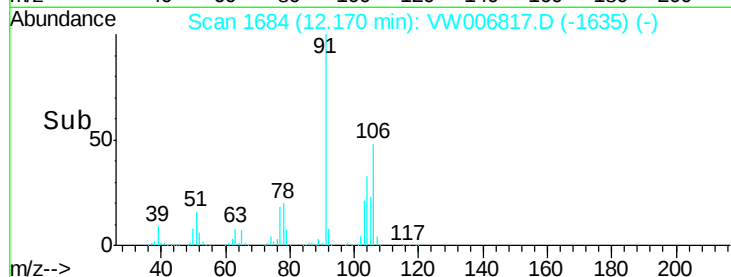
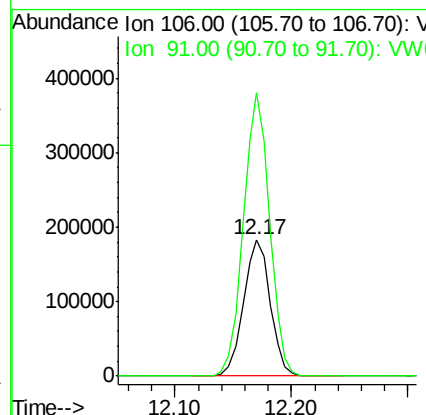
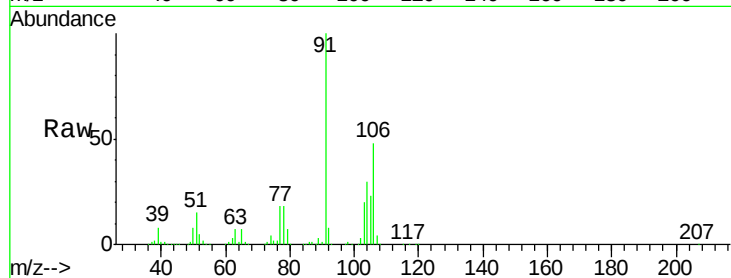
#69
o-Xylene
Concen: 50.463 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion:106 Resp: 291676
Ion Ratio Lower Upper
106 100
91 204.7 101.9 305.7

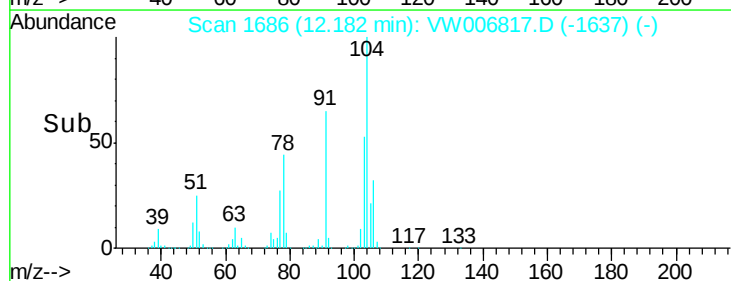
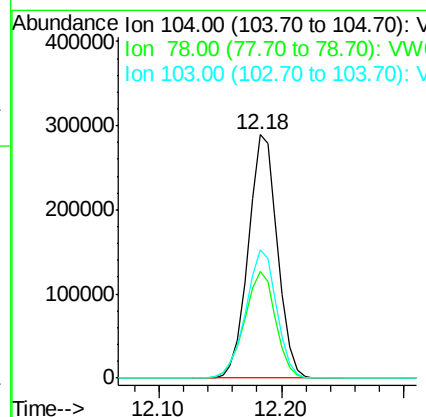
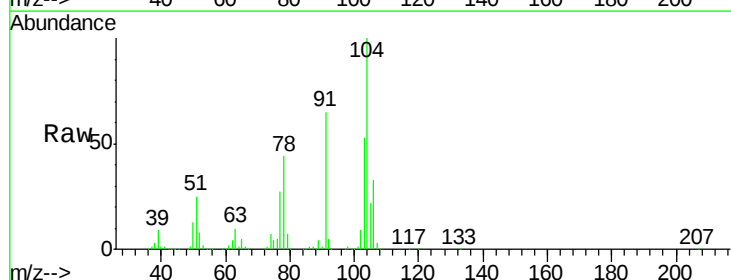
Manual Integrations
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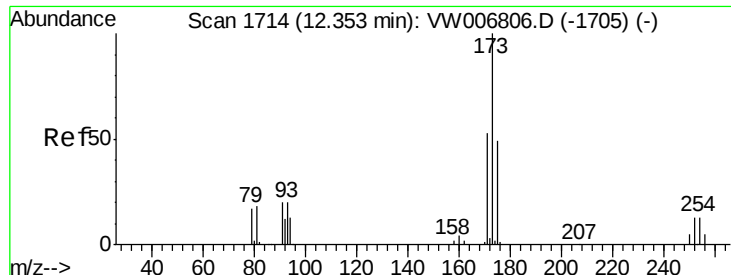
apatel
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#70
Styrene
Concen: 51.546 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion:104 Resp: 476863
Ion Ratio Lower Upper
104 100
78 46.8 37.3 55.9
103 55.9 44.6 66.8





#71

Bromoform

Concen: 54.984 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

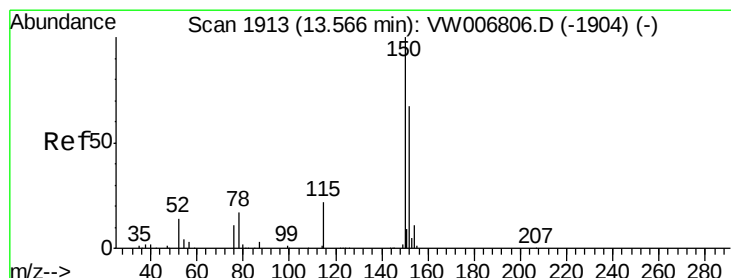
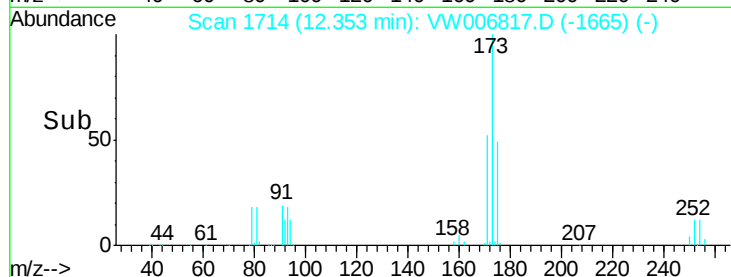
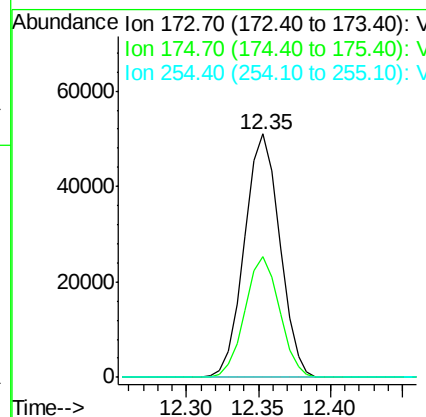
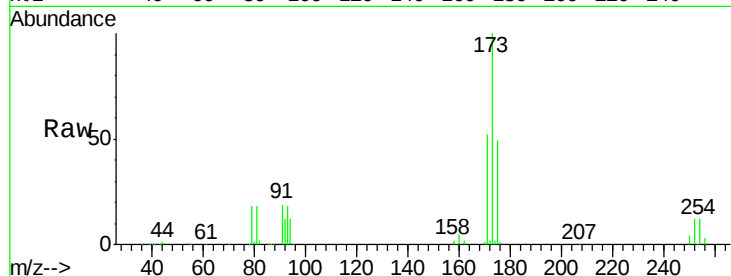
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.4	73.4
254	0.0	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

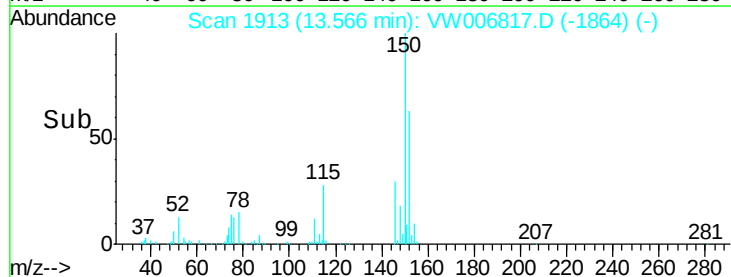
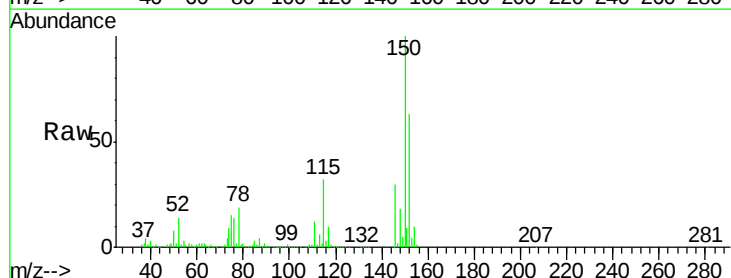
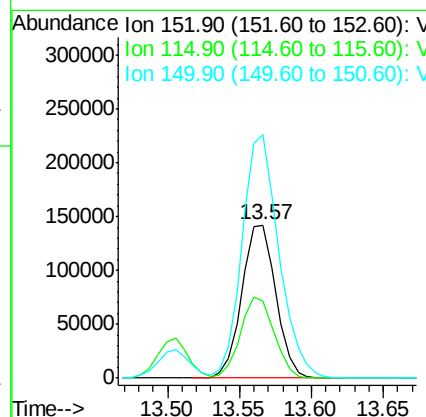
RT: 13.57 min Scan# 1913

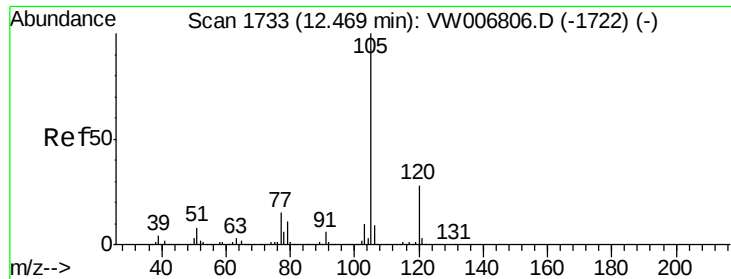
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.6	27.3	81.8
150	172.4	0.0	353.0





#73

Isopropylbenzene

Concen: 48.815 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion: 105 Resp: 786736

Ion Ratio Lower Upper

105 100

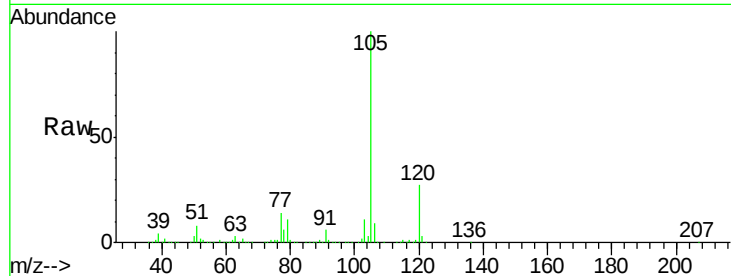
120 27.7 14.0 42.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

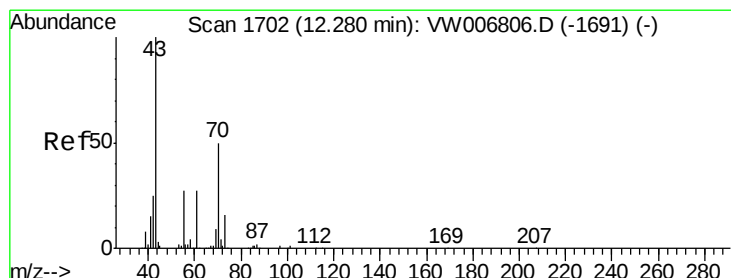
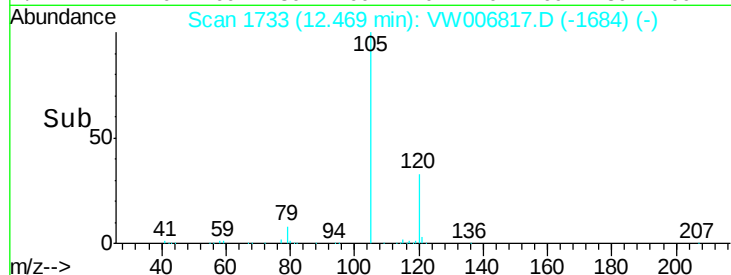
200000

100000

0

12.47

Time-->



#74

N-ethyl acetate

Concen: 56.438 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion: 43 Resp: 137535

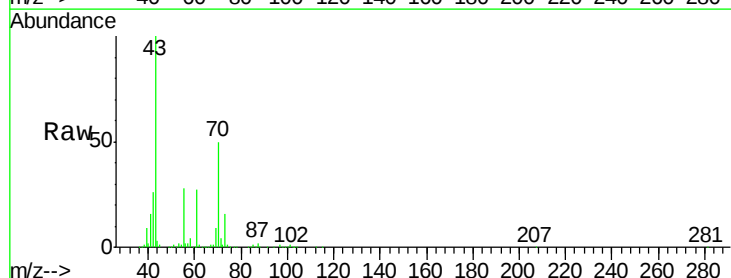
Ion Ratio Lower Upper

43 100

70 48.6 39.0 58.4

55 27.1 22.1 33.1

61 26.3 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

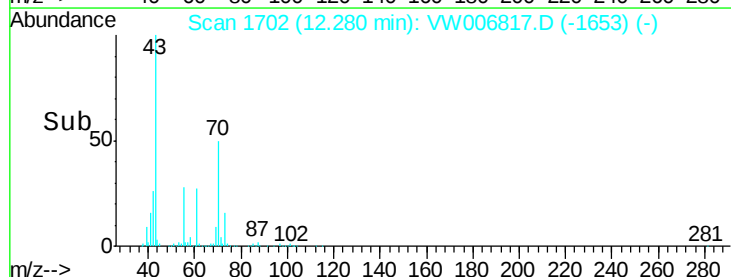
100000

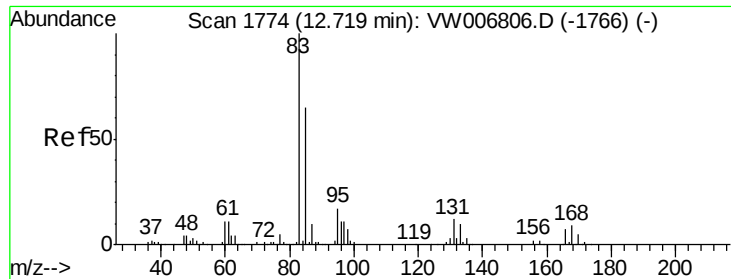
50000

0

12.28

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.604 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

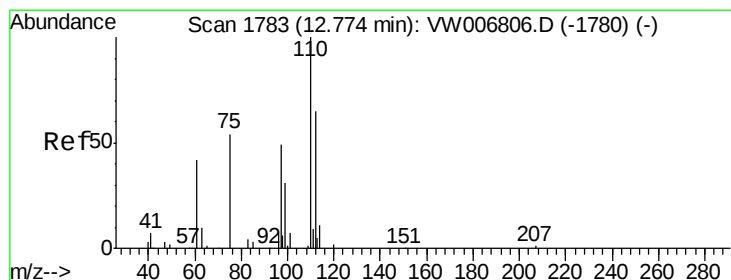
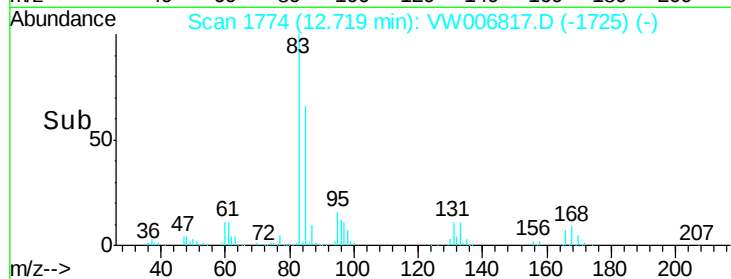
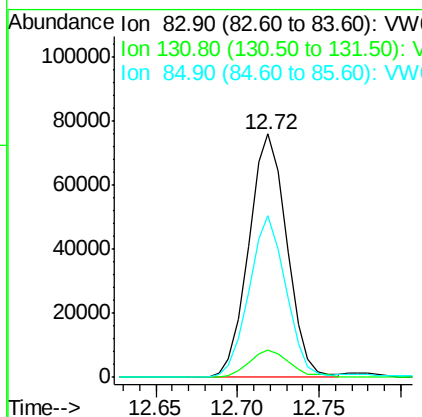
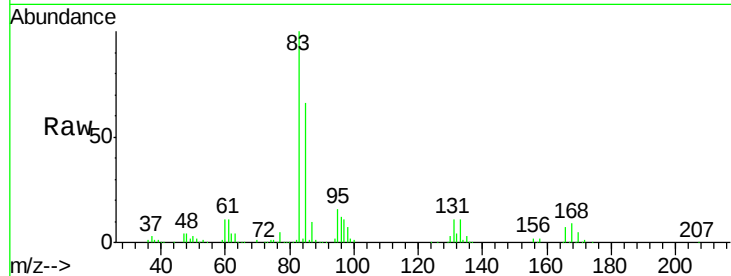
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion:	83	Resp:	123969
Ion Ratio	Lower	Upper	
83	100		
131	12.0	6.1	18.3
85	64.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 56.953 ug/l m

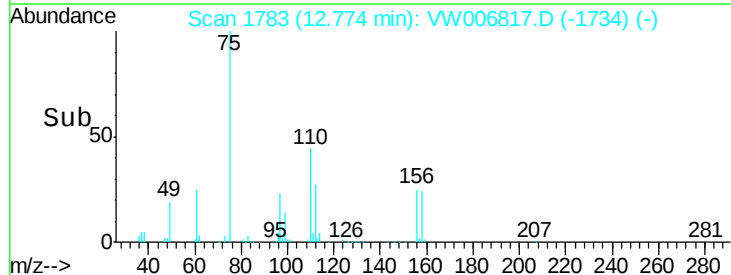
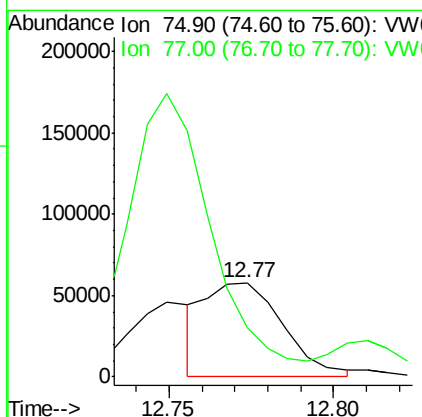
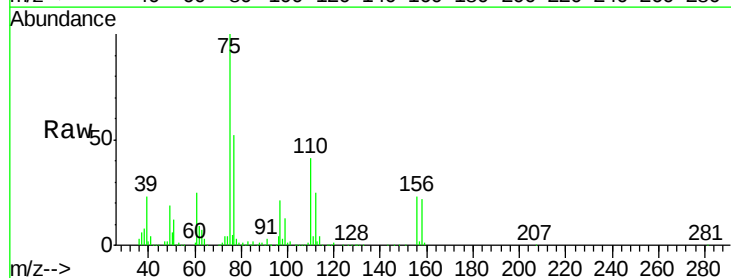
RT: 12.77 min Scan# 1783

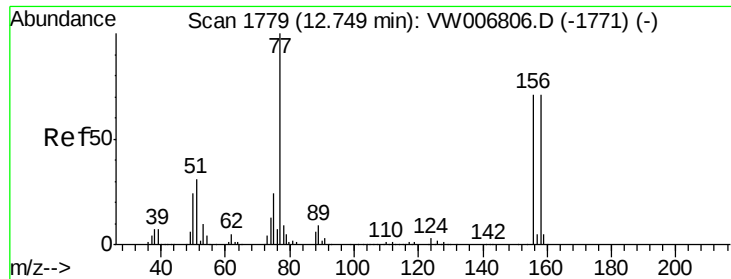
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion:	75	Resp:	95298
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.633 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Instrument :

MSVOA_W

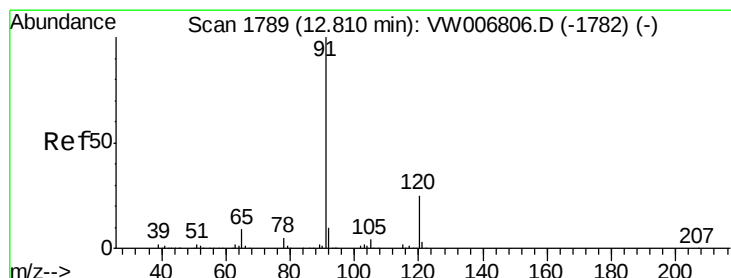
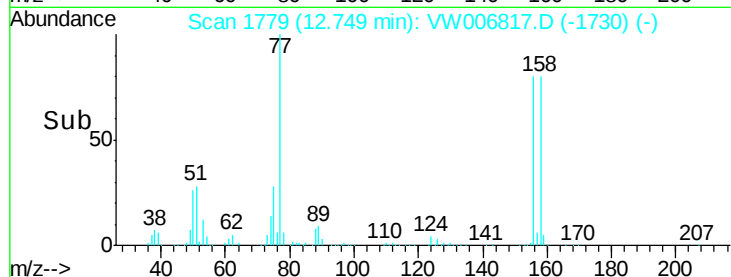
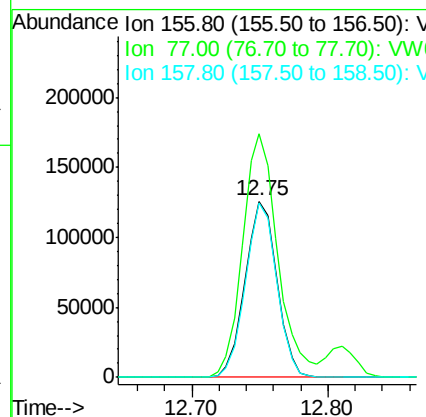
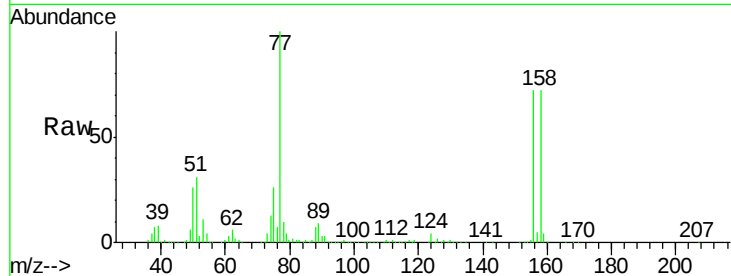
ClientSampleId :

EP2-SB-104(15-17)MS

Tgt Ion	Ratio	Lower	Upper
156	100		
77	152.6	75.3	225.7
158	97.6	49.2	147.6

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#78

n-propylbenzene

Concen: 48.262 ug/l

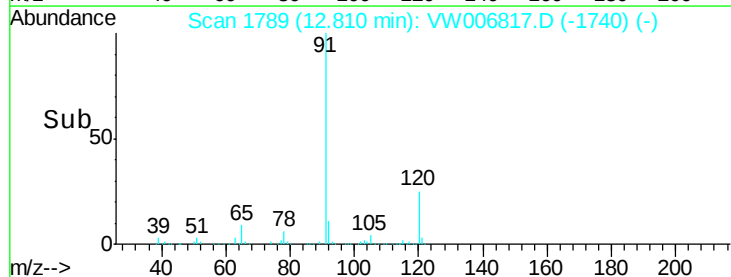
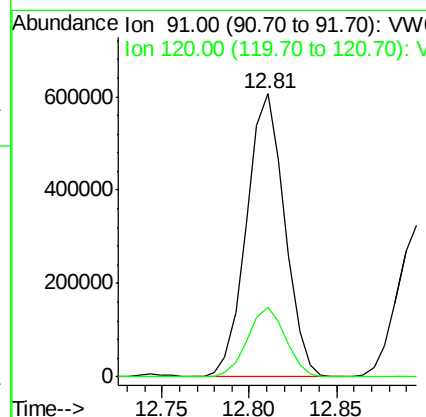
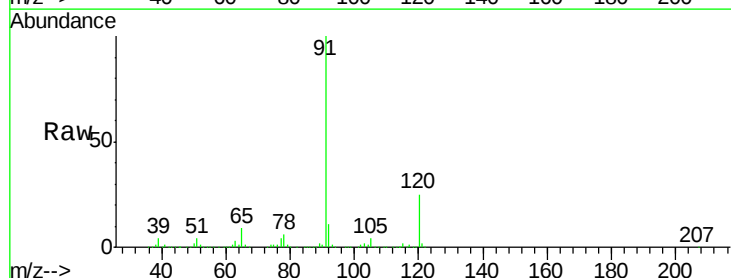
RT: 12.81 min Scan# 1789

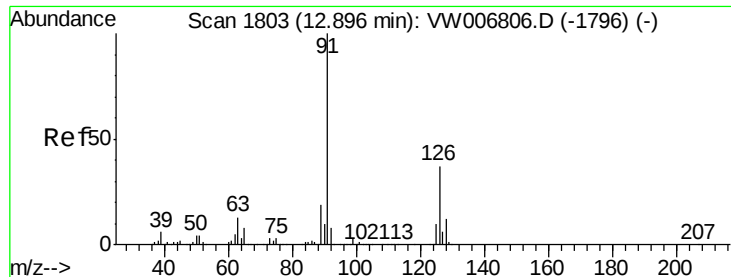
Delta R.T. -0.00 min

Lab File: VW006817.D

Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.4





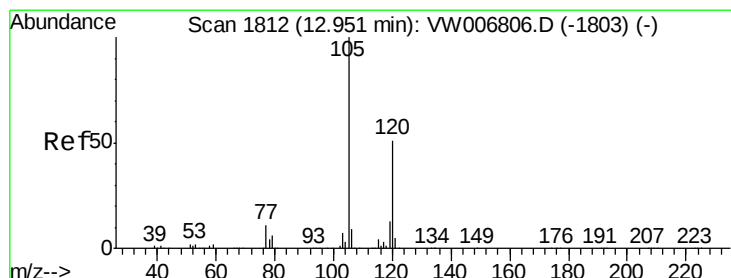
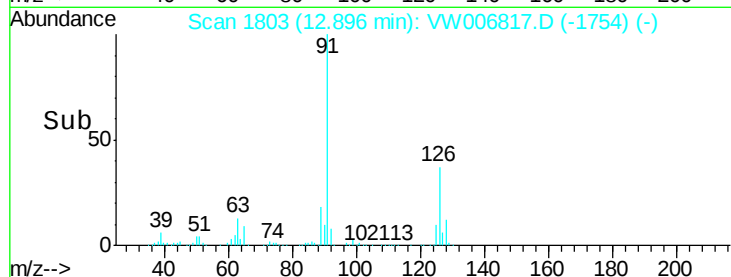
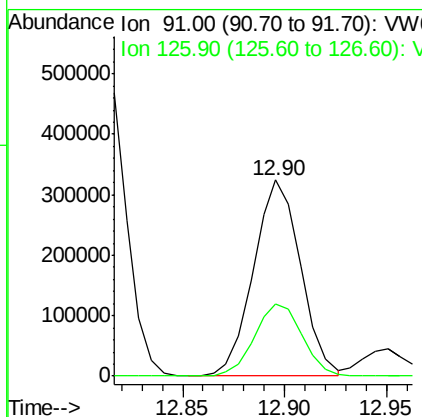
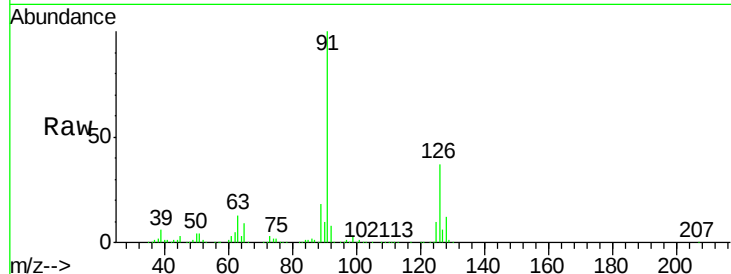
#79
 2-Chlorotoluene
 Concen: 48.869 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

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

Tgt Ion: 91 Resp: 521533
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.5 55.5

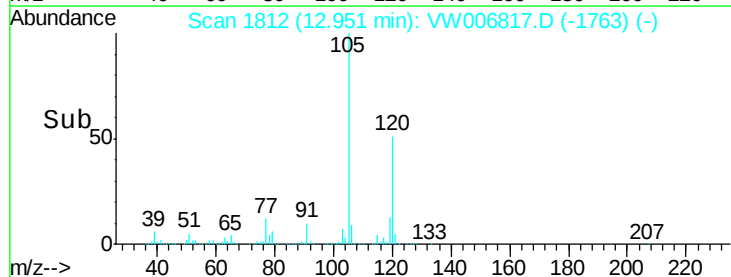
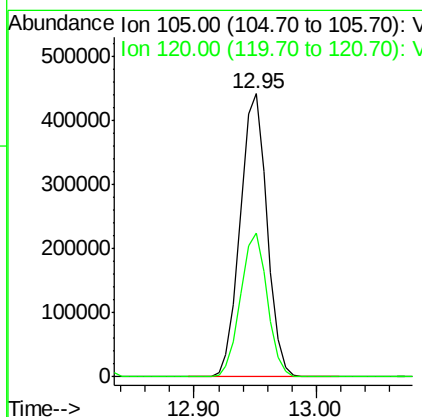
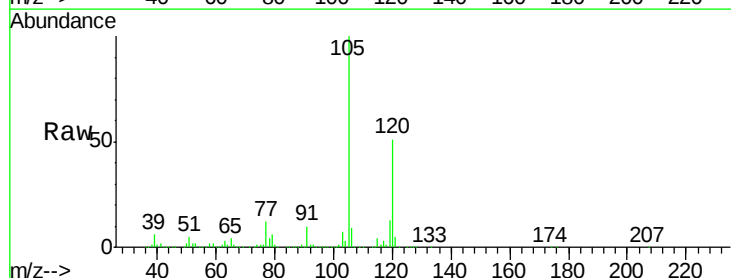
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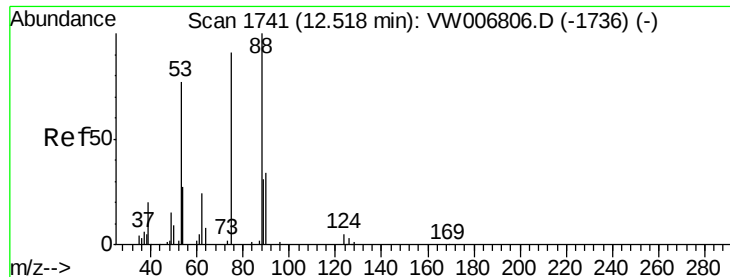
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.319 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion: 105 Resp: 669462
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.9





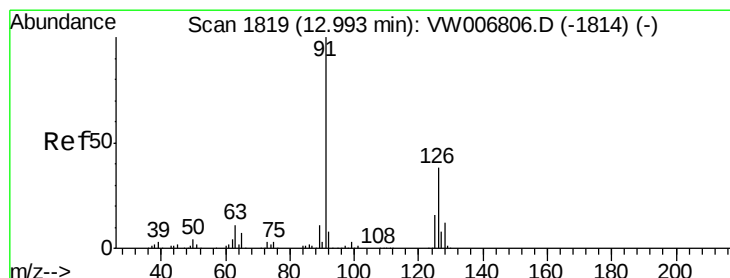
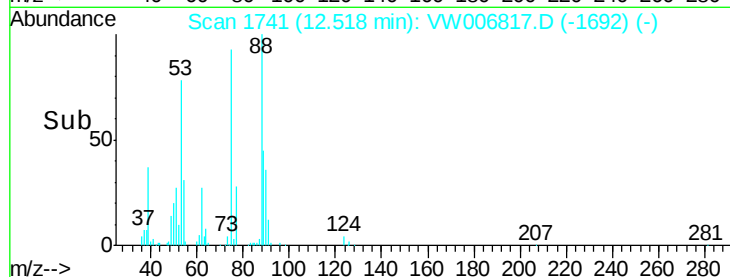
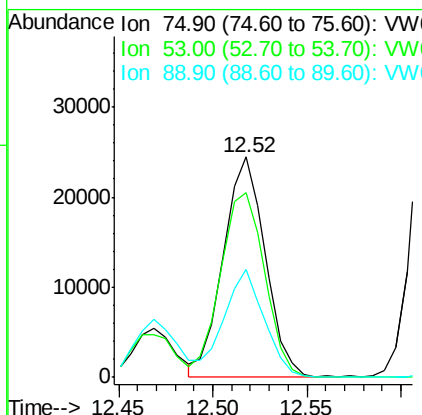
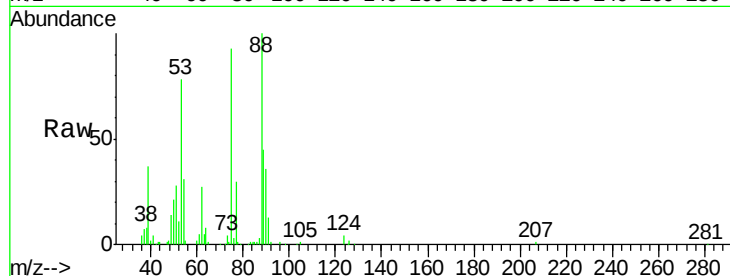
#81
trans-1,4-Dichloro-2-butene
Concen: 55.418 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.3	72.9	109.3
89	46.8	38.7	58.1

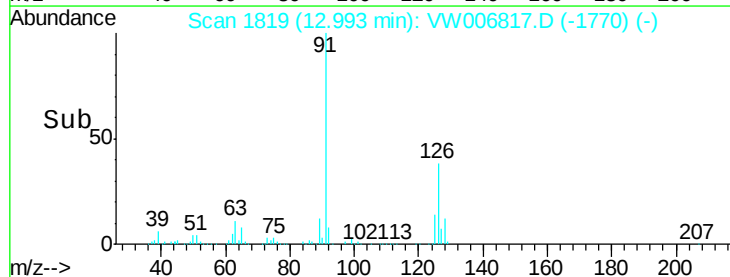
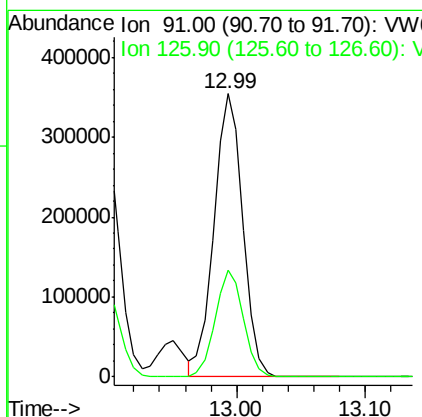
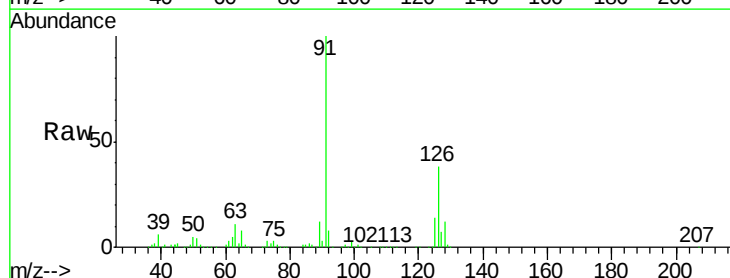
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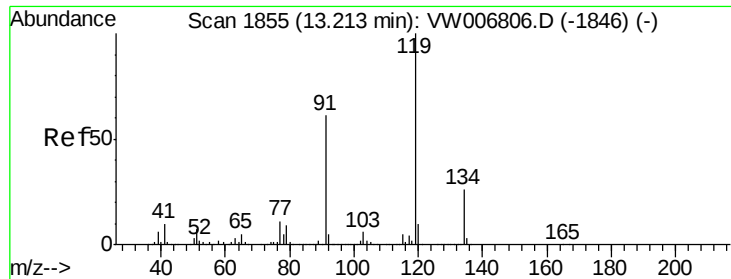
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#82
4-Chlorotoluene
Concen: 48.754 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.4	55.2





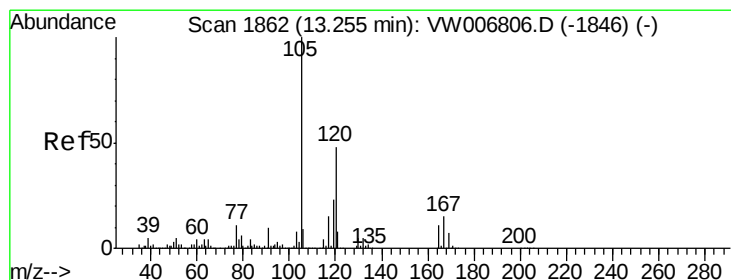
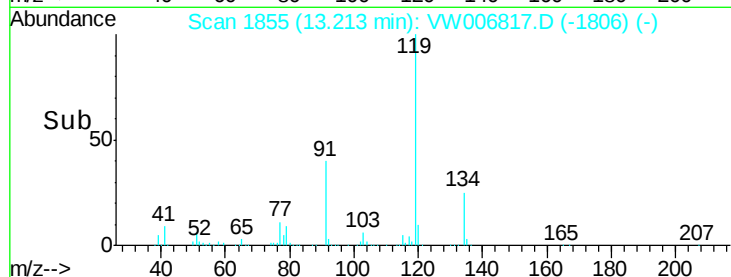
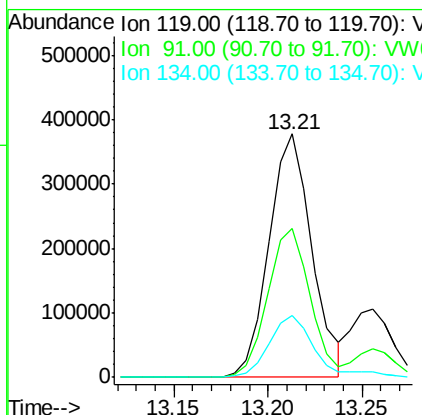
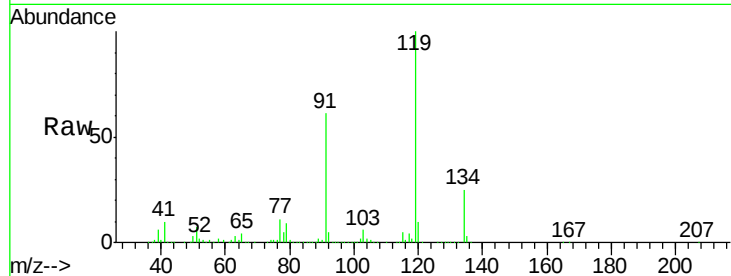
#83
 tert-Butylbenzene
 Concen: 48.779 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	597400		
91	60.4	30.0	90.1	
134	27.2	13.4	40.2	

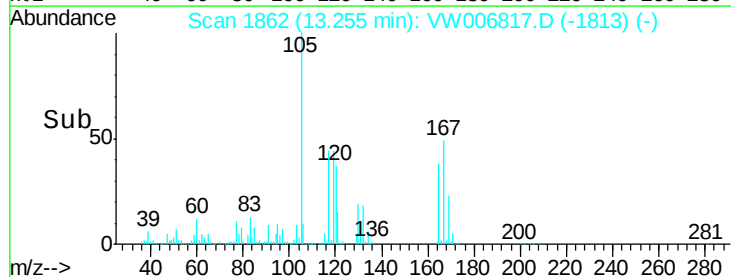
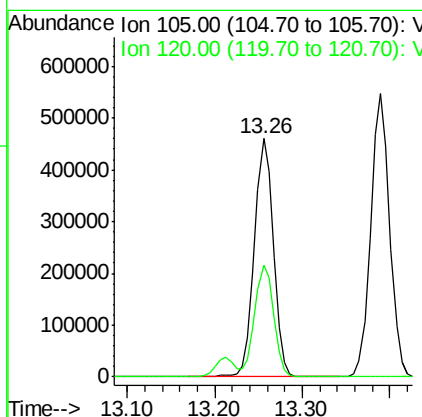
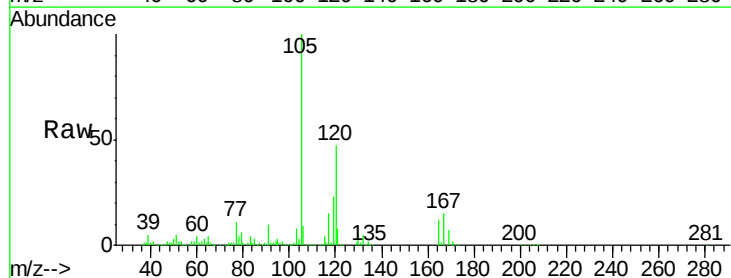
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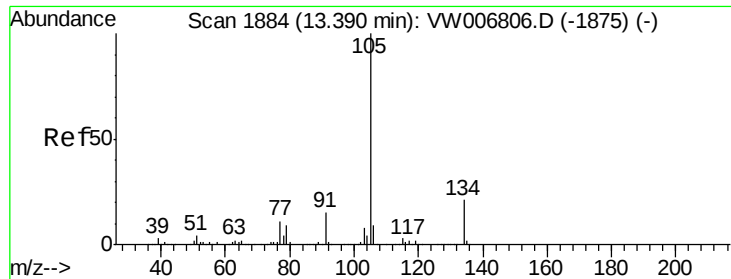
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.063 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	691782		
120	46.6	23.4	70.0	





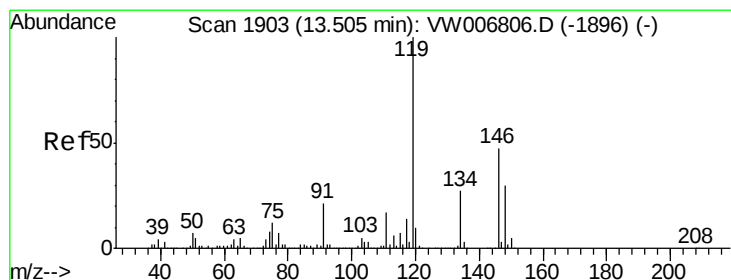
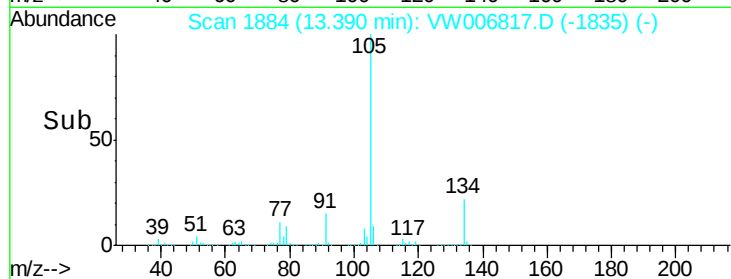
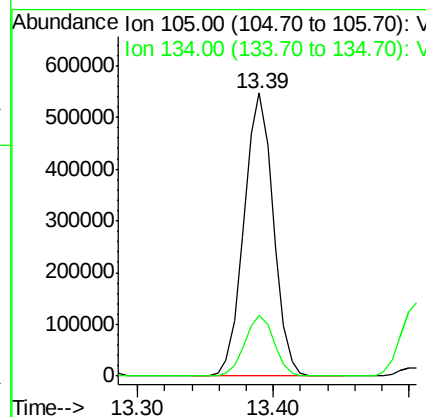
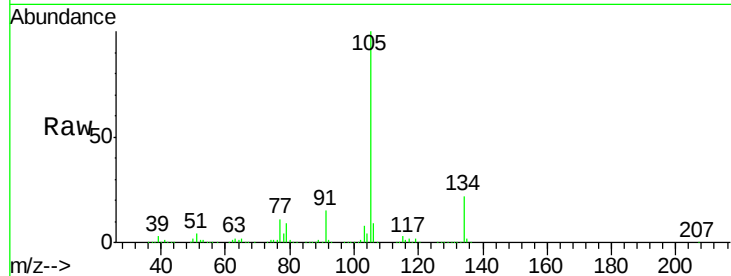
#85
 sec-Butylbenzene
 Concen: 47.452 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.7	31.9

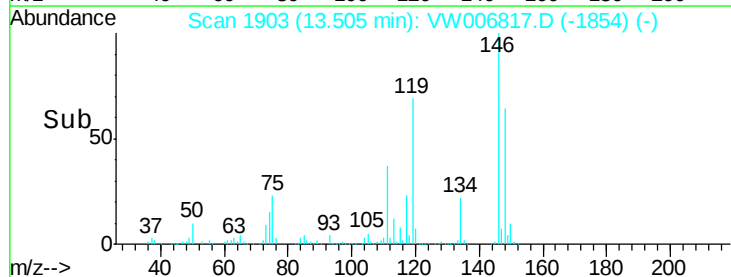
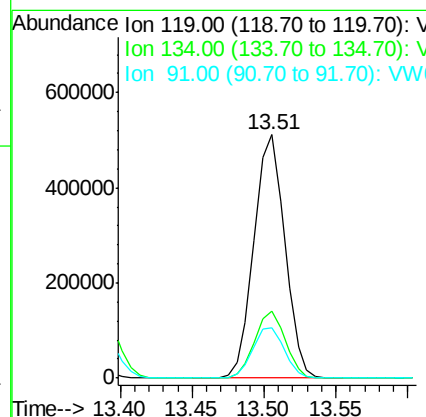
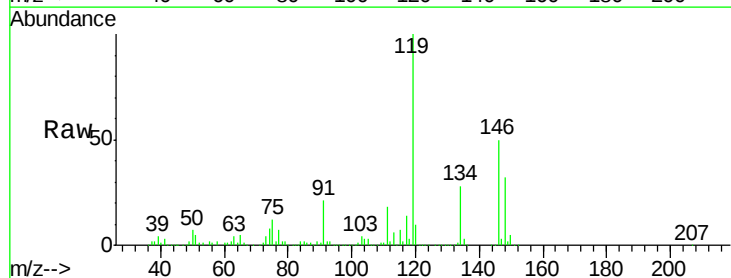
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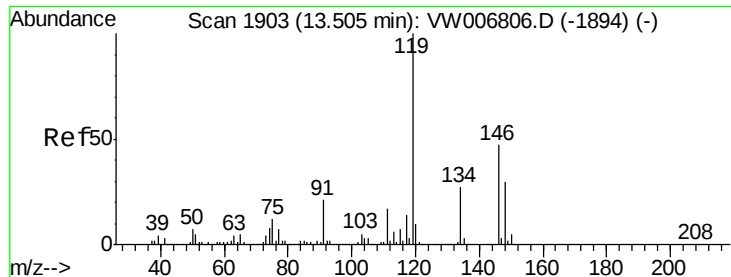
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#86
 p-Isopropyltoluene
 Concen: 47.904 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.5	40.4
91	21.4	10.8	32.4





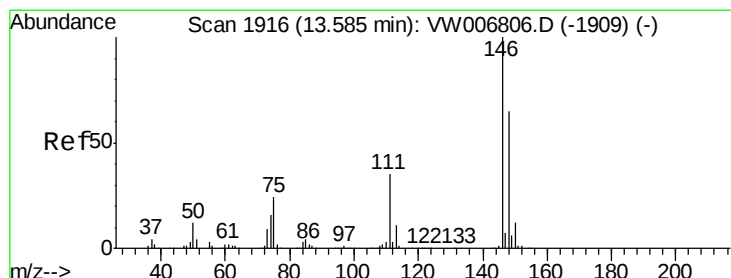
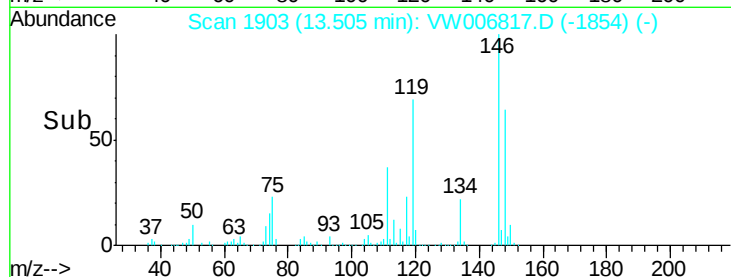
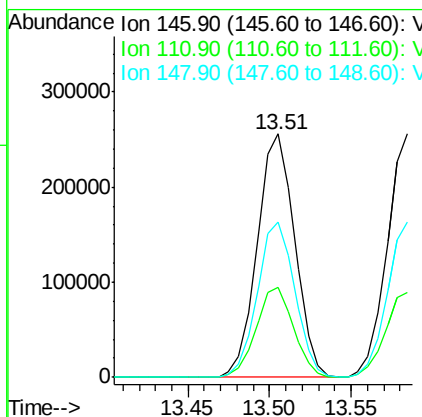
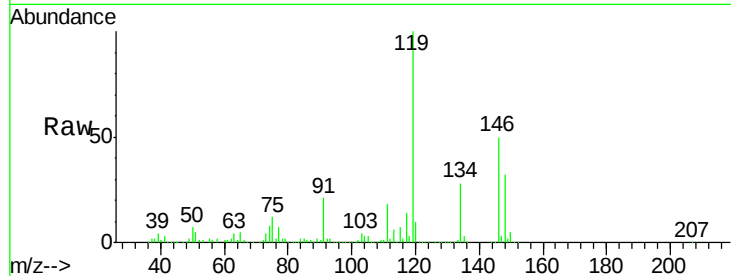
#87
 1,3-Dichlorobenzene
 Concen: 49.174 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.9
148	63.9	31.9	95.9

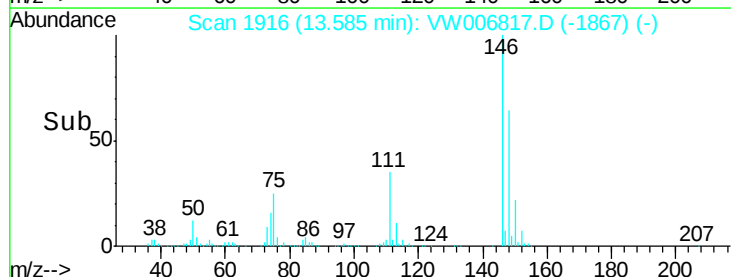
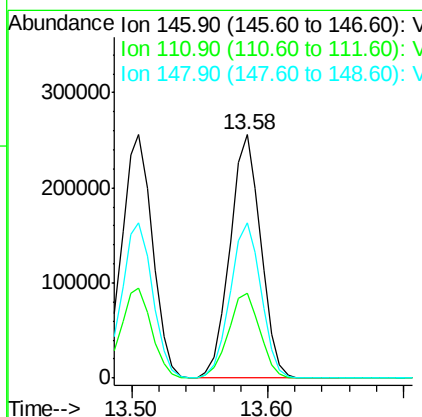
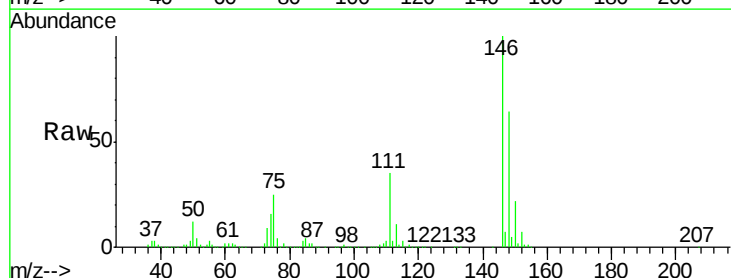
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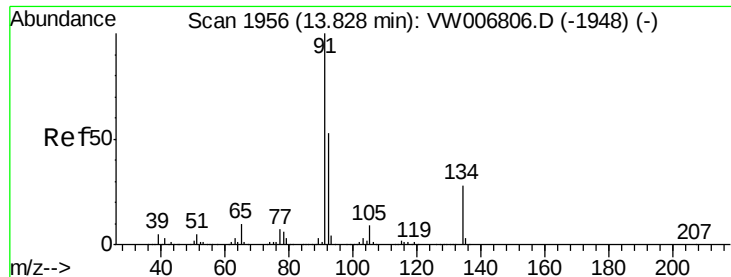
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#88
 1,4-Dichlorobenzene
 Concen: 49.070 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.8	53.3
148	64.2	32.0	96.0





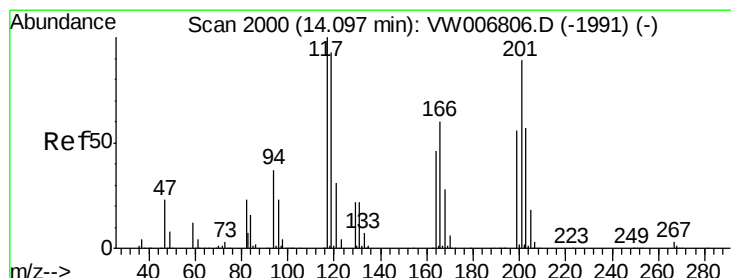
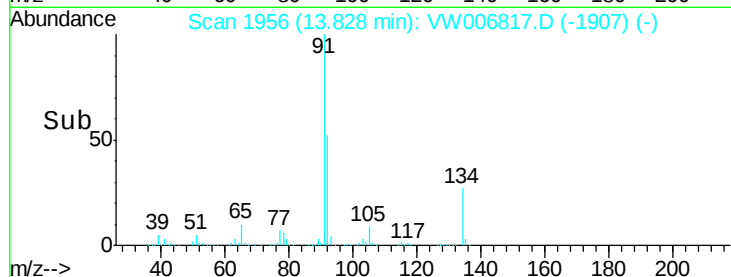
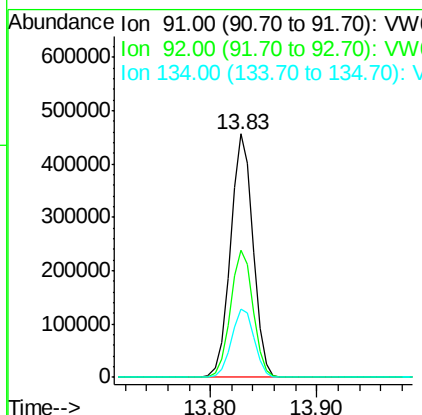
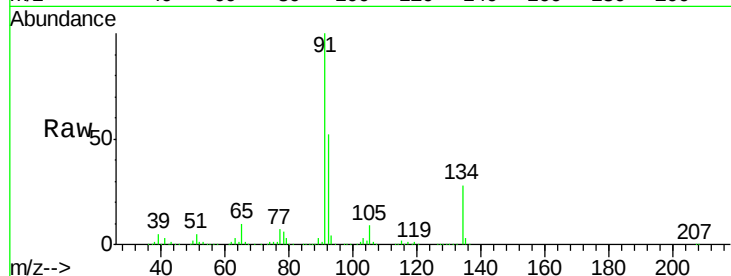
#89
n-Butylbenzene
Concen: 46.689 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.4
134	28.5	14.4	43.2

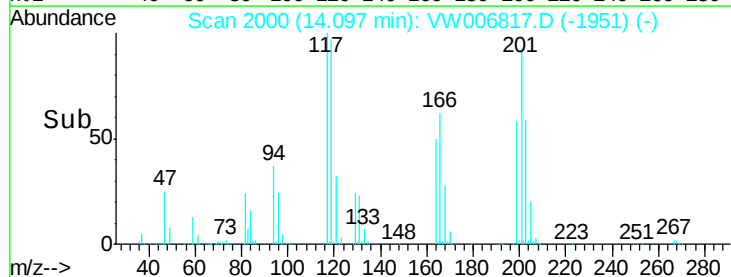
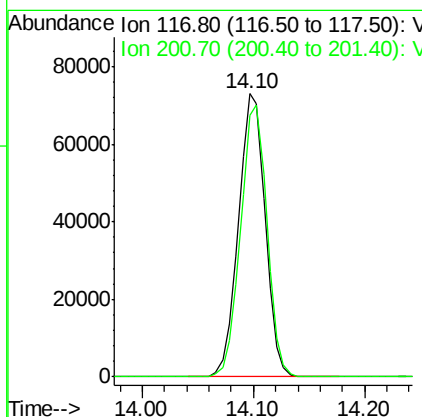
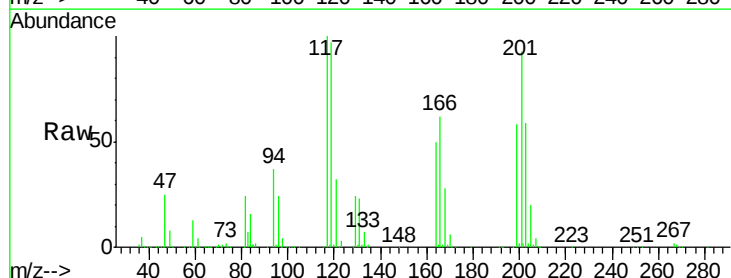
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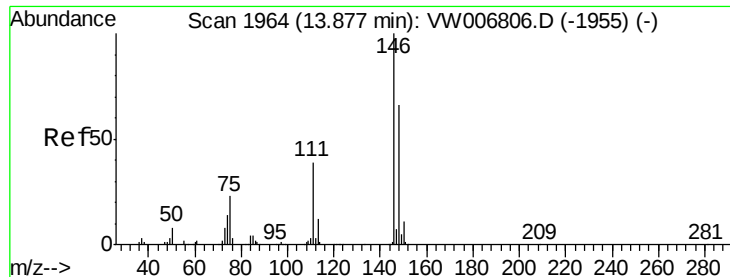
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#90
Hexachloroethane
Concen: 47.902 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.2	46.9	140.6





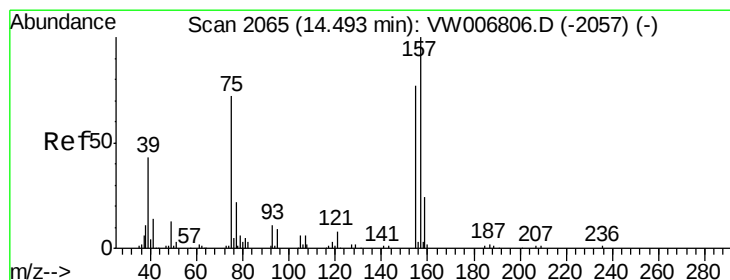
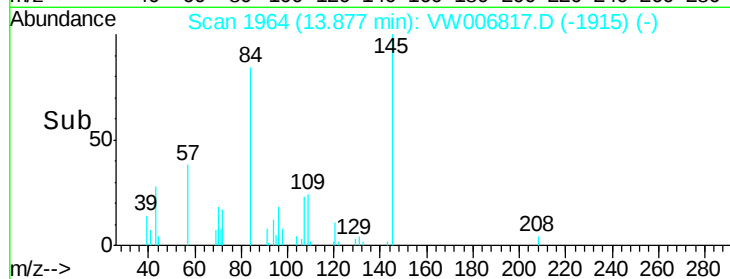
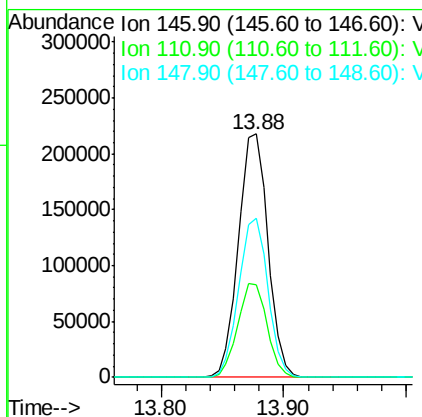
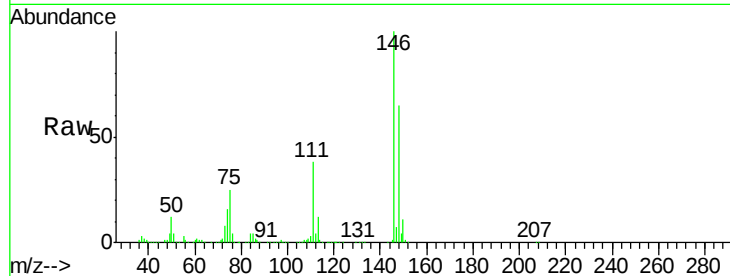
#91
 1,2-Dichlorobenzene
 Concen: 50.527 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	364396		
111	38.2	19.3	57.8	
148	64.9	32.4	97.2	

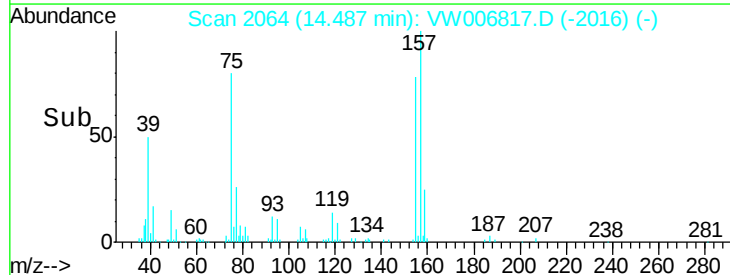
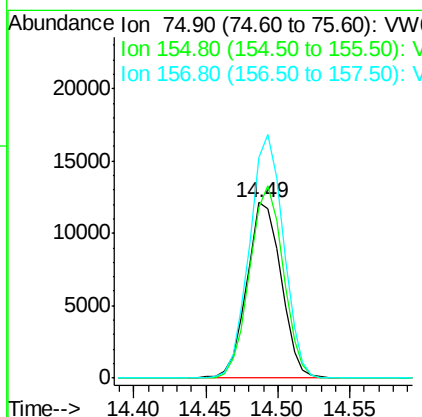
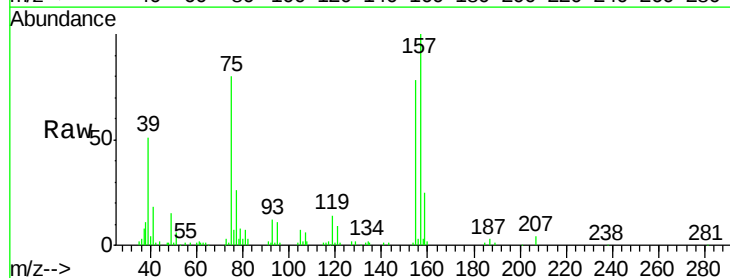
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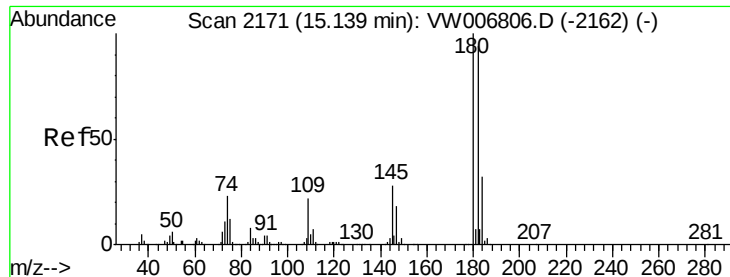
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.945 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19969		
155	107.4	51.0	153.1	
157	137.4	67.4	202.2	





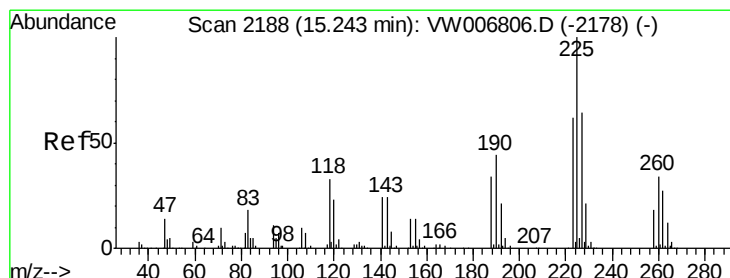
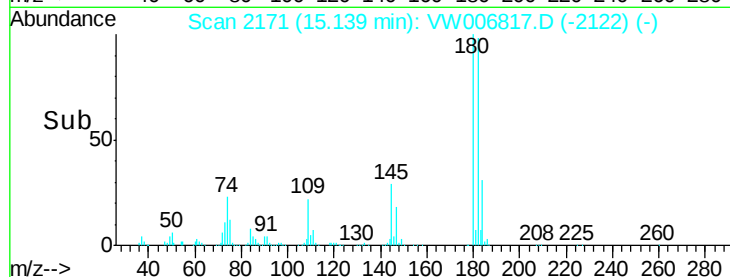
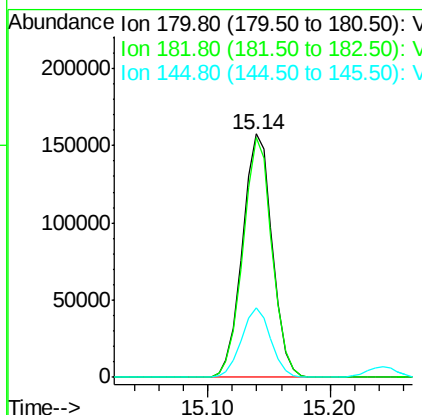
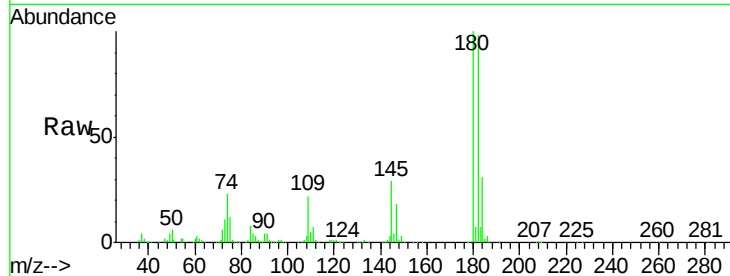
#93
 1,2,4-Trichlorobenzene
 Concen: 48.610 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	264680		
182	96.2	47.5	142.5	
145	28.1	14.0	41.9	

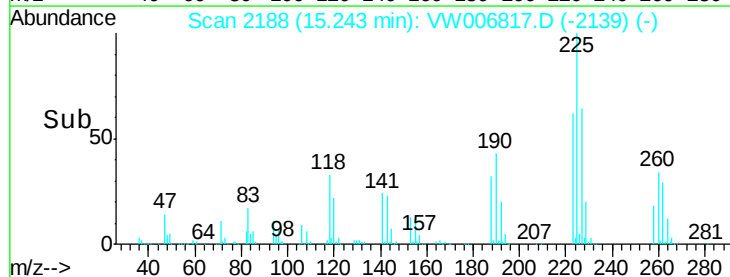
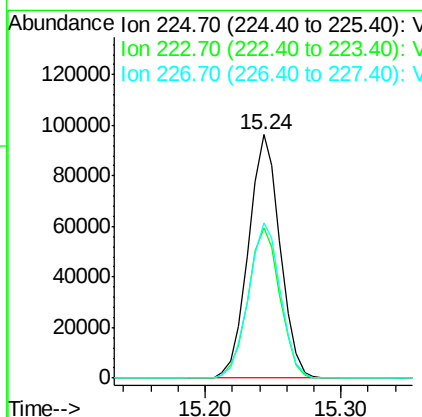
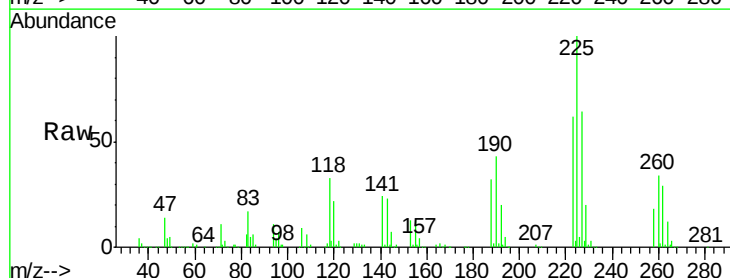
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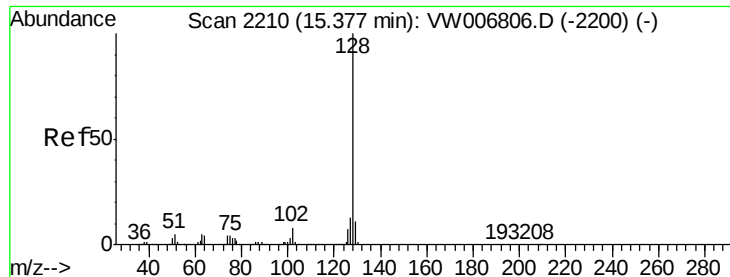
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#94
 Hexachlorobutadiene
 Concen: 45.509 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006817.D
 Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157017		
223	62.3	31.2	93.6	
227	64.4	32.3	96.9	





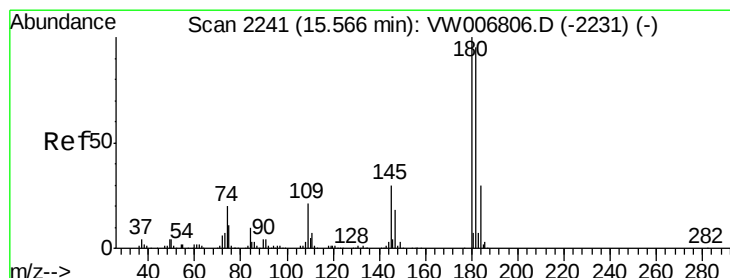
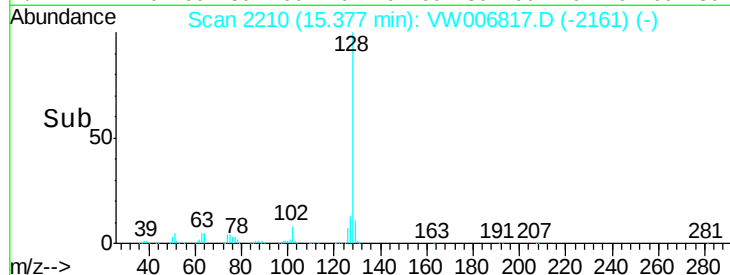
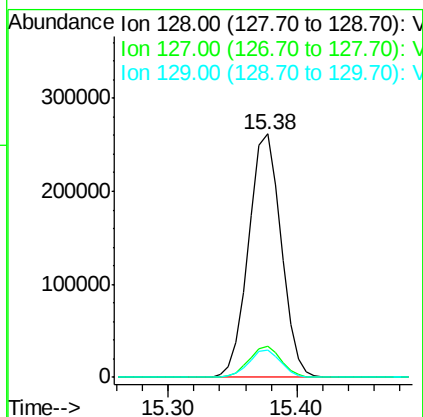
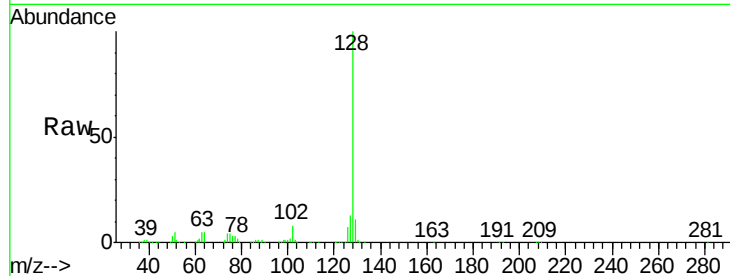
#95
Naphthalene
Concen: 55.987 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

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

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	455931		
127	12.9	10.3	15.5	
129	11.0	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.476 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006817.D
Acq: 12 Nov 2018 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	235857		
182	96.0	47.9	143.6	
145	29.7	15.2	45.5	

