

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005447.D
 Acq On : 17 Sep 2018 21:24
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.60G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 9/18/2018 2:43:34 PM

Quant Time: Sep 18 02:16:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	289809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	438844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	218932	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	131740	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
35) Dibromofluoromethane	7.89	113	111163	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
50) Toluene-d8	10.33	98	548089	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.62	95	203496	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	116563	47.12	ug/l	100
3) Chloromethane	2.21	50	164606	48.12	ug/l	98
4) Vinyl Chloride	2.36	62	147598	46.06	ug/l	97
5) Bromomethane	2.78	94	90479	45.94	ug/l	100
6) Chloroethane	2.92	64	84318	44.40	ug/l	99
7) Trichlorofluoromethane	3.26	101	179280	42.23	ug/l	100
8) Diethyl Ether	3.69	74	61593	48.82	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	112423	45.41	ug/l	98
10) Methyl Iodide	4.28	142	140579	45.08	ug/l	97
11) Tert butyl alcohol	5.21	59	45425	250.81	ug/l	100
12) 1,1-Dichloroethene	4.04	96	104269	46.50	ug/l	96
13) Acrolein	3.90	56	33278	258.58	ug/l	99
14) Allyl chloride	4.68	41	218024	52.26	ug/l	94
15) Acrylonitrile	5.38	53	149246	258.61	ug/l	99
16) Acetone	4.15	43	117568	273.46	ug/l	97
17) Carbon Disulfide	4.39	76	364105	46.10	ug/l	99
18) Methyl Acetate	4.69	43	73830	51.07	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	305718	50.21	ug/l	97
20) Methylene Chloride	4.92	84	158596	53.55	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	126180	47.12	ug/l	99
22) Diisopropyl ether	6.32	45	449440	54.80	ug/l	98
23) Vinyl Acetate	6.27	43	1261196	269.86	ug/l	99
24) 1,1-Dichloroethane	6.23	63	240988	48.42	ug/l	98
25) 2-Butanone	7.18	43	192776	266.40	ug/l	96
26) 2,2-Dichloropropane	7.18	77	209367	46.90	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	138855	47.67	ug/l	99
28) Bromochloromethane	7.52	49	102462	52.93	ug/l #	93
29) Tetrahydrofuran	7.54	42	124958	271.06	ug/l	97
30) Chloroform	7.68	83	238950	46.36	ug/l	98
31) Cyclohexane	7.96	56	239468	49.87	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	221839	46.29	ug/l	100
36) 1,1-Dichloropropene	8.09	75	198816	47.87	ug/l	100
37) Ethyl Acetate	7.26	43	85552	50.65	ug/l	99
38) Carbon Tetrachloride	8.07	117	193843	44.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	248235	51.44	ug/l	99
40) Benzene	8.33	78	585464	48.66	ug/l	99
41) Methacrylonitrile	7.49	41	53111	52.12	ug/l	96
42) 1,2-Dichloroethane	8.41	62	164198	43.60	ug/l	98
43) Isopropyl Acetate	8.43	43	171570	52.05	ug/l	98
44) Trichloroethene	9.10	130	144846	46.78	ug/l	98
45) 1,2-Dichloropropane	9.38	63	148005	51.49	ug/l	99
46) Dibromomethane	9.46	93	66661	47.14	ug/l	98
47) Bromodichloromethane	9.65	83	182696	47.69	ug/l	99
48) Methyl methacrylate	9.45	41	88899	54.04	ug/l	97
49) 1,4-Dioxane	9.48	88	24789	1051.84	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	460087	271.15	ug/l	100
52) Toluene	10.40	92	403646	49.54	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	191357	49.91	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	219168	50.49	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	100559	47.85	ug/l	98
56) Ethyl methacrylate	10.65	69	144103	54.17	ug/l	98
57) 1,3-Dichloropropane	10.94	76	180535	49.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	335339	278.73	ug/l	97
59) 2-Hexanone	10.98	43	325868	281.94	ug/l	99
60) Dibromochloromethane	11.13	129	119048	47.08	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91612	48.61	ug/l	100
64) Tetrachloroethene	10.87	164	149149	48.10	ug/l	97
65) Chlorobenzene	11.66	112	435613	48.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	135696	47.68	ug/l	99
67) Ethyl Benzene	11.74	91	800154	51.09	ug/l	99
68) m/p-Xylenes	11.85	106	608255	100.92	ug/l	99
69) o-Xylene	12.17	106	288093	51.33	ug/l	100
70) Styrene	12.19	104	480211	51.84	ug/l	99
71) Bromoform	12.35	173	72116	47.89	ug/l #	99
73) Isopropylbenzene	12.47	105	792086	51.57	ug/l	100
74) N-amyl acetate	12.28	43	184452	56.99	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	119172	53.19	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	85089m	47.25	ug/l	
77) Bromobenzene	12.76	156	177124	48.78	ug/l	95
78) n-propylbenzene	12.81	91	969514	52.30	ug/l	100
79) 2-Chlorotoluene	12.90	91	557305	50.96	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	686021	51.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36349	52.36	ug/l	99
82) 4-Chlorotoluene	12.99	91	581156	50.34	ug/l	100
83) tert-Butylbenzene	13.21	119	576796	51.82	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	697021	51.23	ug/l	100
85) sec-Butylbenzene	13.39	105	832244	51.74	ug/l	100
86) p-Isopropyltoluene	13.51	119	743934	51.72	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	361977	49.15	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	357102	49.24	ug/l	100
89) n-Butylbenzene	13.83	91	710002	53.01	ug/l	99
90) Hexachloroethane	14.10	117	122882	49.86	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	323509	50.26	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21324	49.55	ug/l	98

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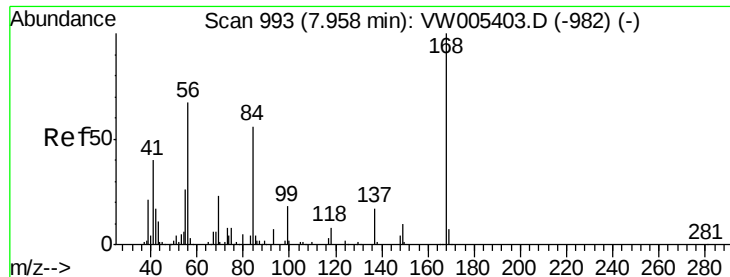
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	225270	52.46	ug/l	99
94) Hexachlorobutadiene	15.24	225	139207	49.64	ug/l	99
95) Naphthalene	15.38	128	389609	54.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	194589	51.92	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 289809

Ion Ratio Lower Upper

168 100

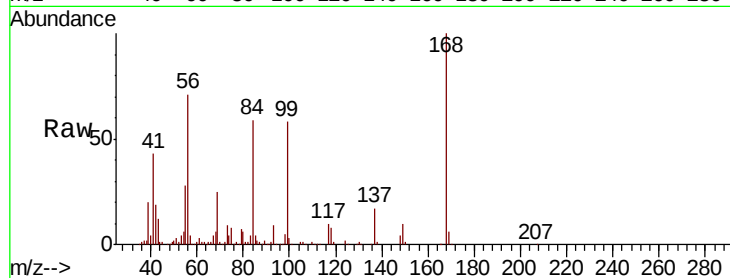
99 57.4 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

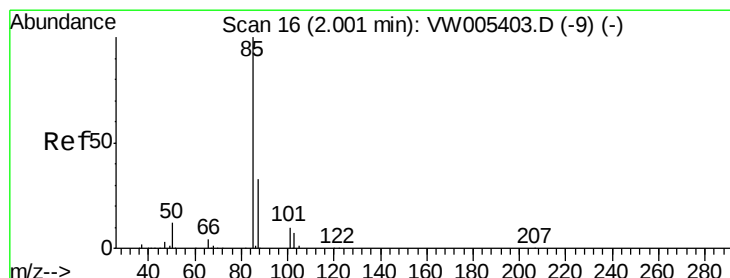
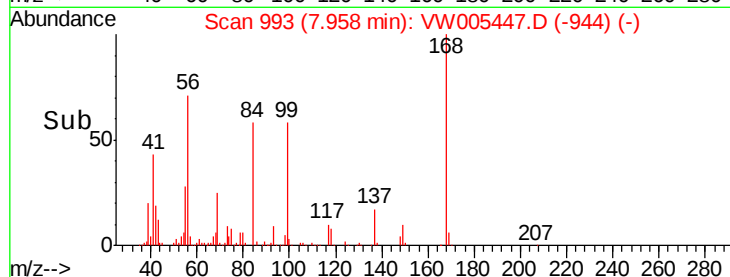
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.12 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005447.D

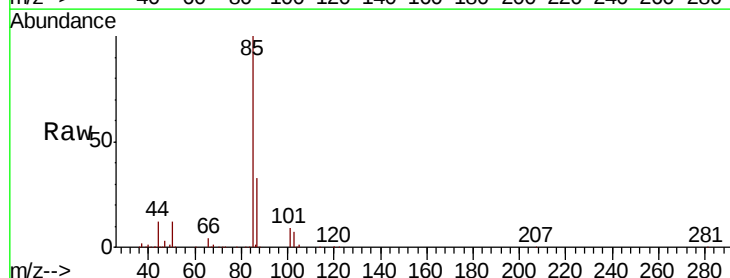
Acq: 17 Sep 2018 21:24

Tgt Ion: 85 Resp: 116563

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

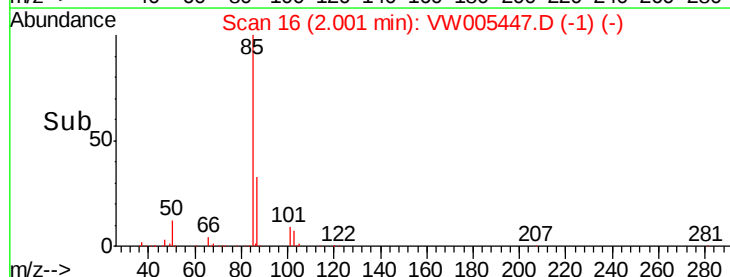
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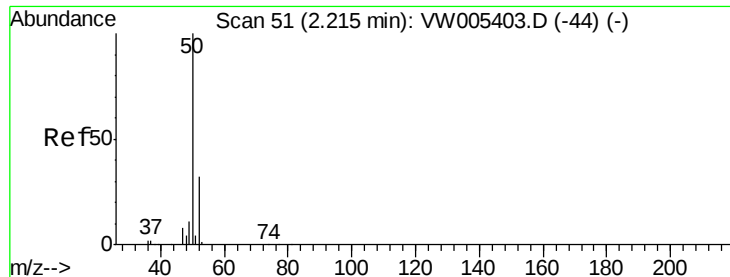
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 48.12 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 164606

Ion Ratio Lower Upper

50 100

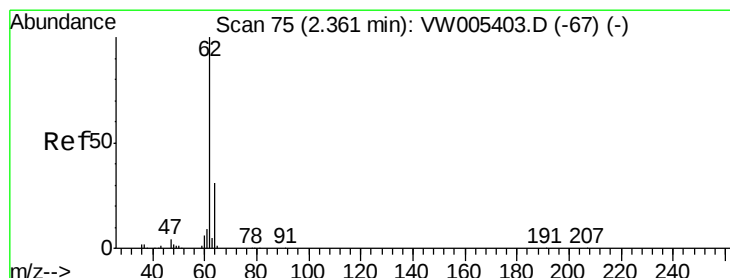
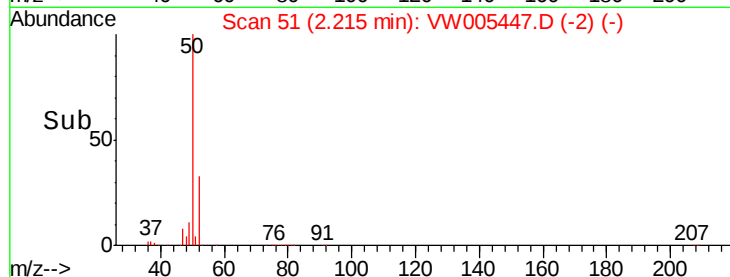
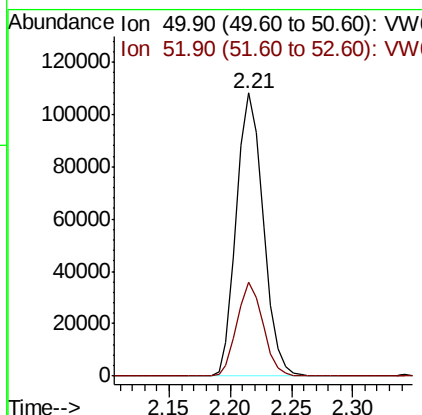
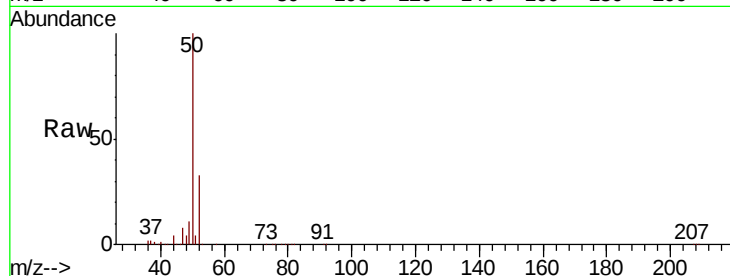
52 33.3 25.8 38.6

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#4

Vinyl Chloride

Concen: 46.06 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005447.D

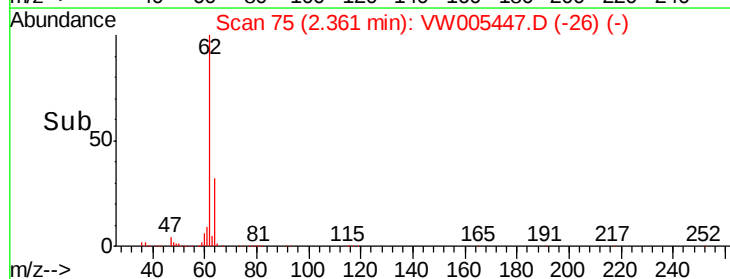
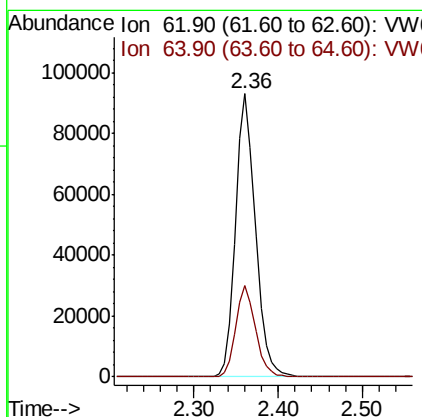
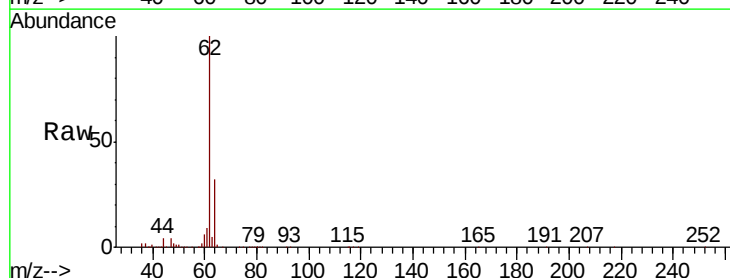
Acq: 17 Sep 2018 21:24

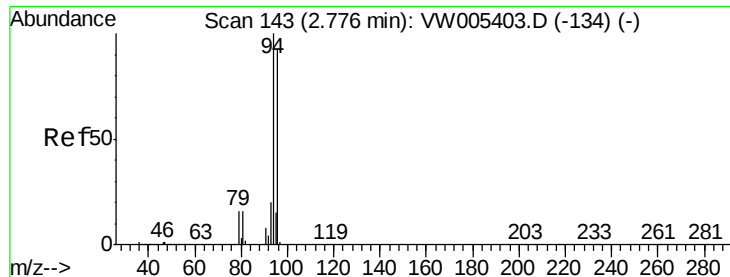
Tgt Ion: 62 Resp: 147598

Ion Ratio Lower Upper

62 100

64 32.4 24.5 36.7





#5

Bromomethane

Concen: 45.94 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 90479

Ion Ratio Lower Upper

94 100

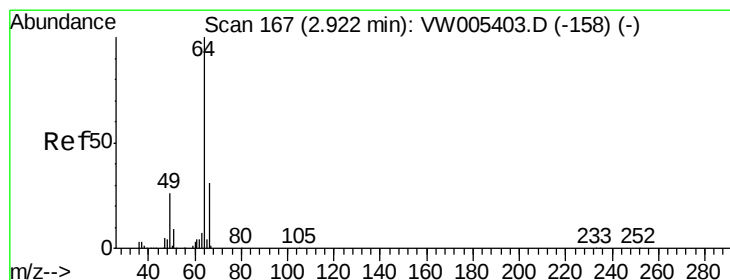
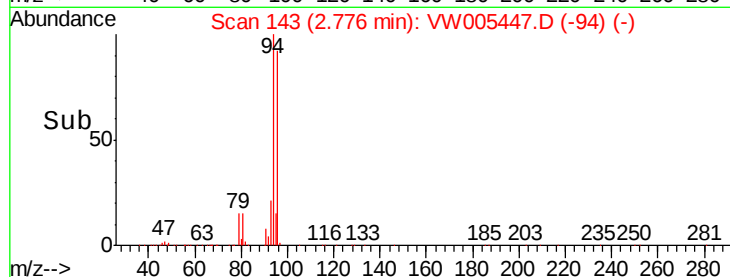
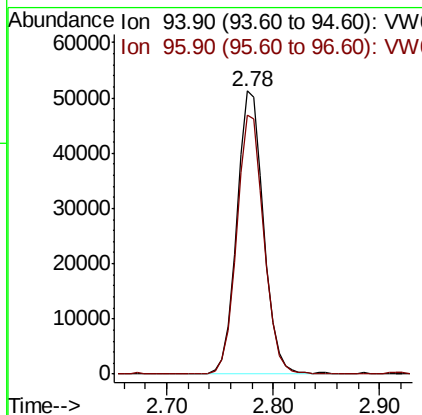
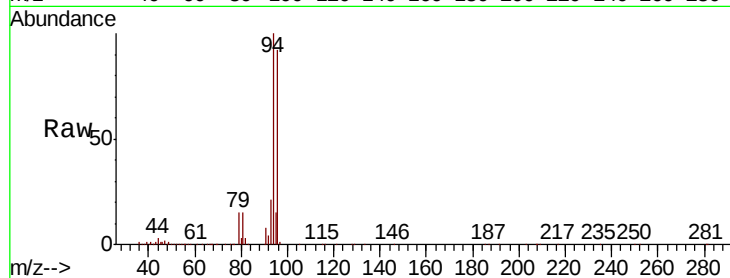
96 91.7 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 44.40 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW005447.D

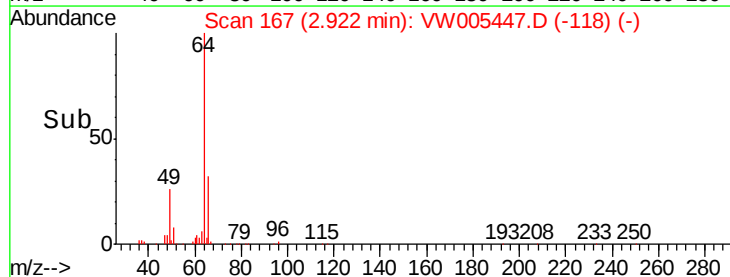
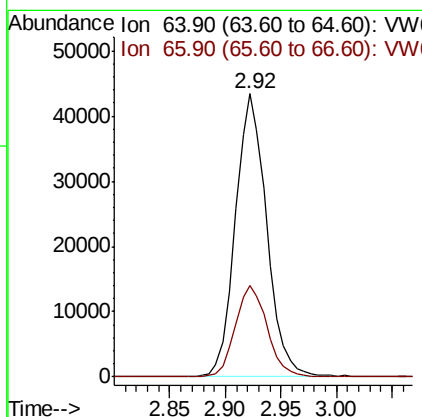
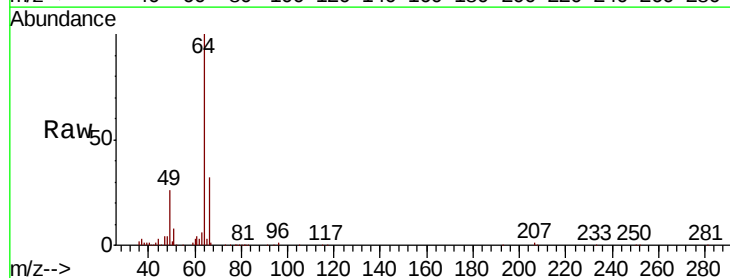
Acq: 17 Sep 2018 21:24

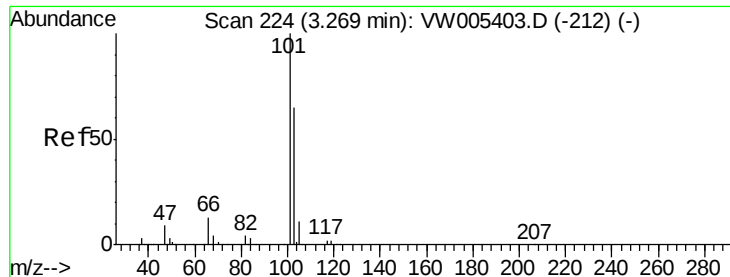
Tgt Ion: 64 Resp: 84318

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8





#7

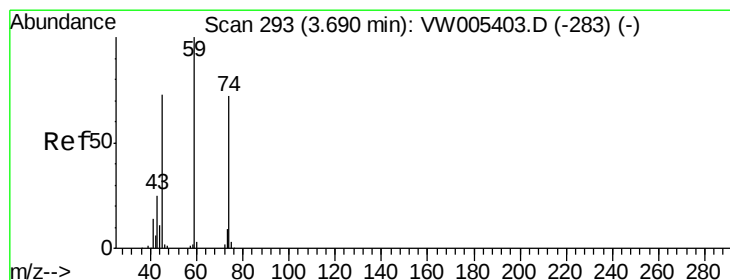
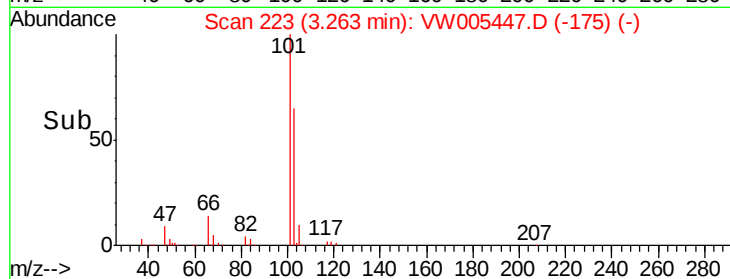
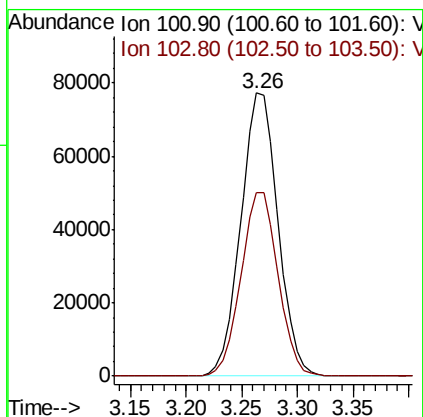
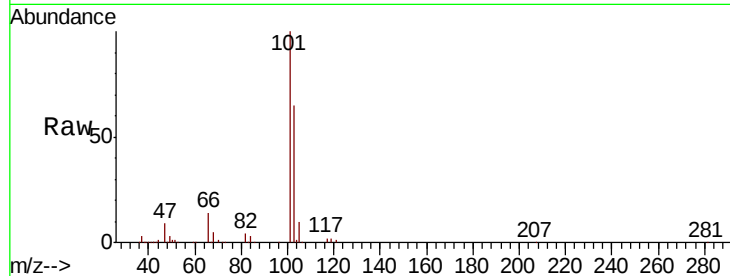
Trichlorofluoromethane
 Concen: 42.23 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005447.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		179280		
103	64.6	51.7		77.5	

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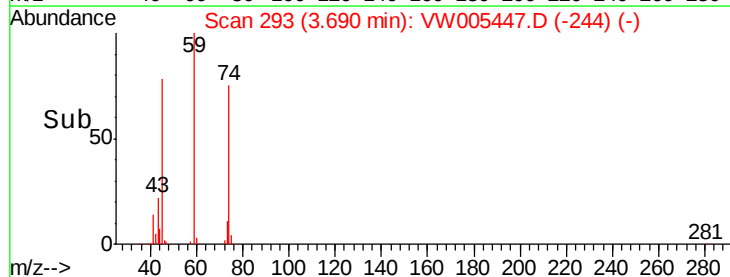
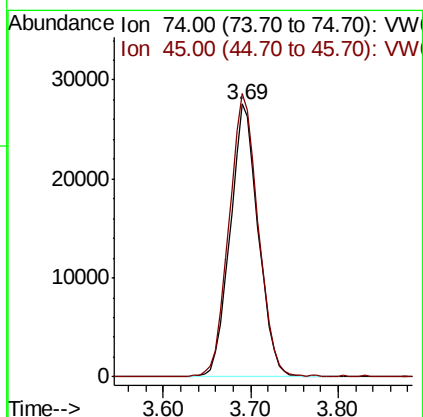
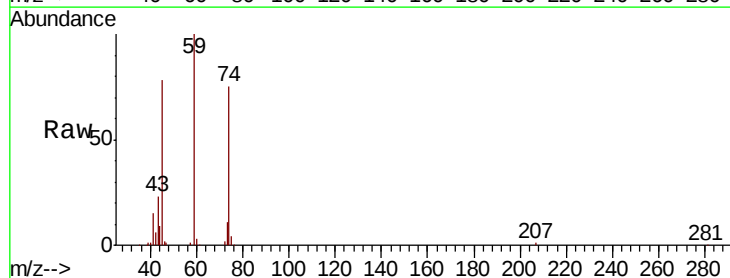
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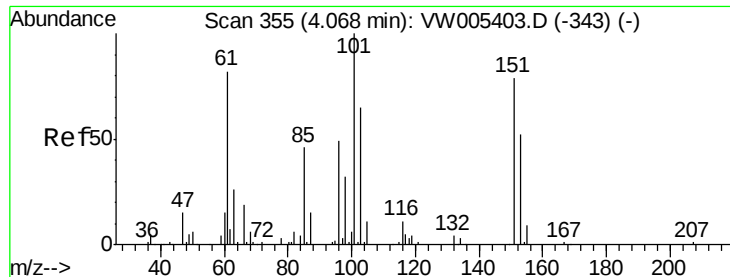


#8

Diethyl Ether
 Concen: 48.82 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		61593		
45	107.5	53.1		159.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.41 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005447.D

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Instrument :

MSVOA_W

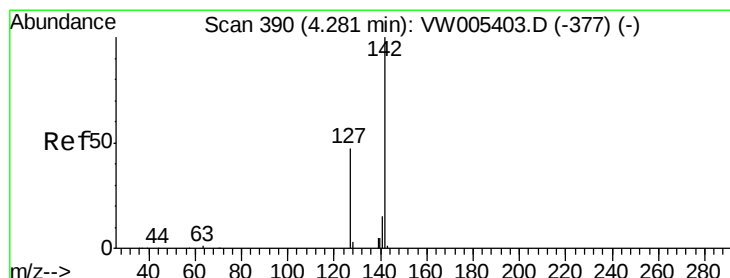
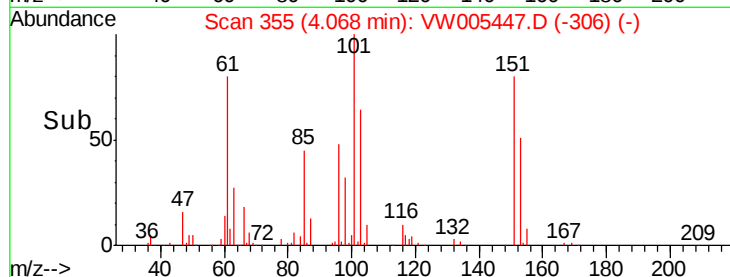
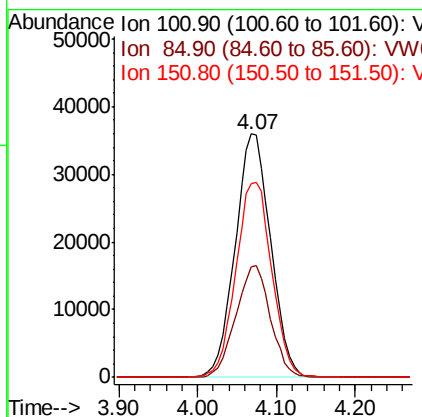
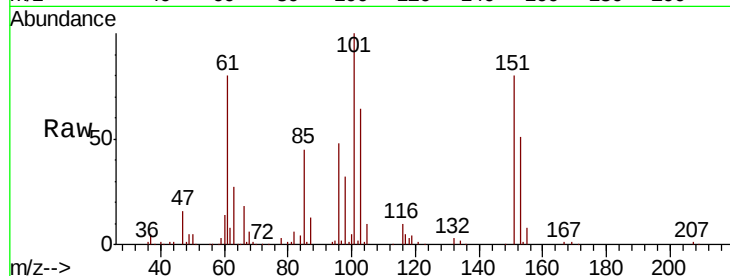
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	112423
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.6	54.8
151	81.1	66.3	99.5

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#10

Methyl Iodide

Concen: 45.08 ug/l

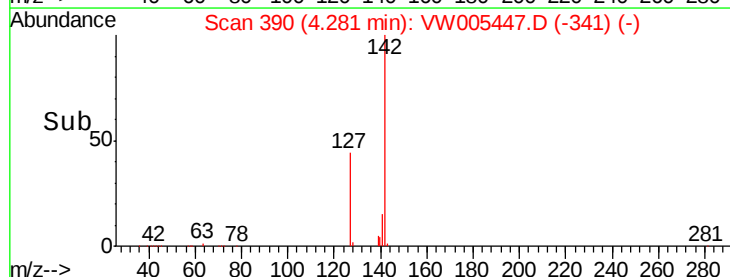
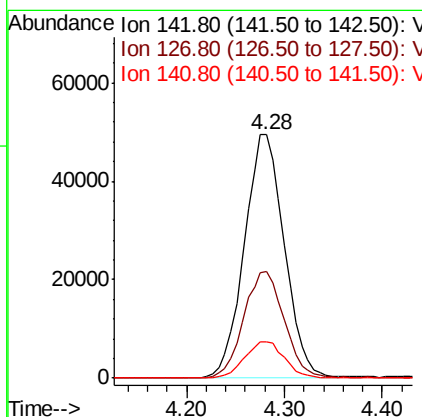
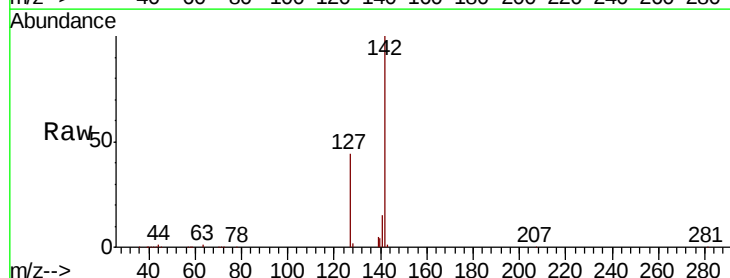
RT: 4.28 min Scan# 390

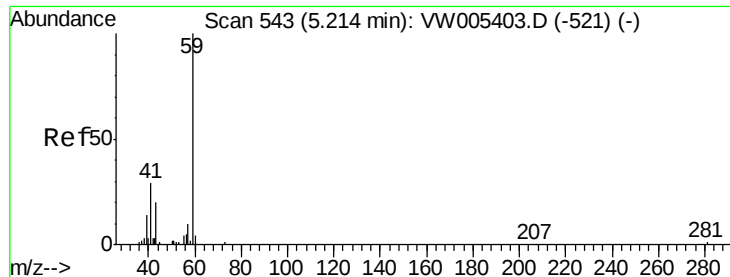
Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion:	142	Resp:	140579
Ion Ratio	Lower	Upper	
142	100		
127	44.2	37.5	56.3
141	15.0	12.4	18.6





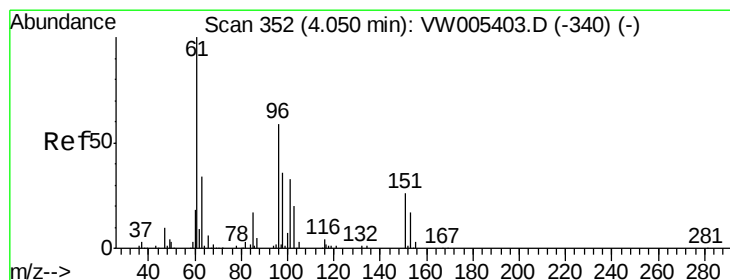
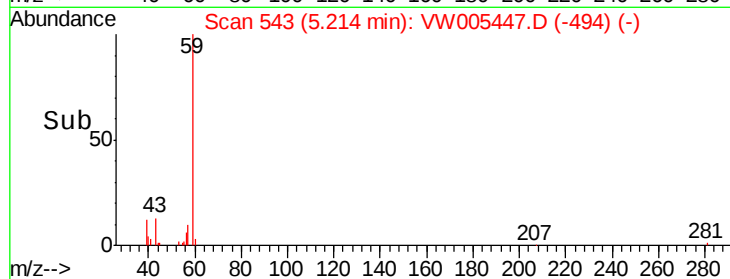
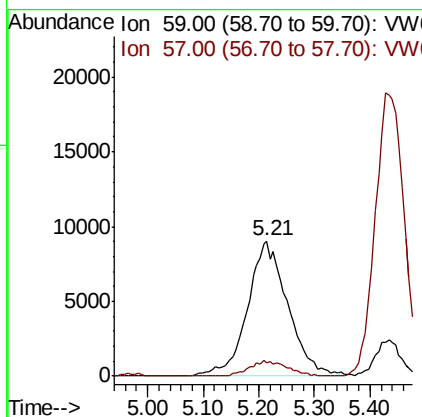
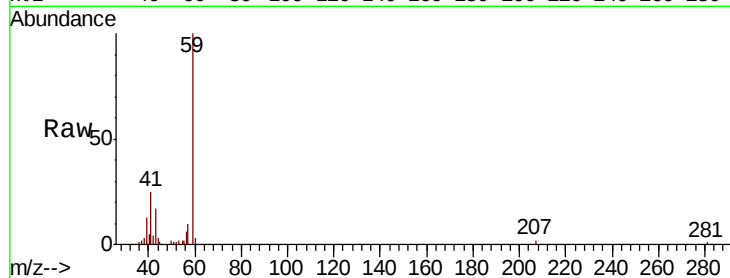
#11
Tert butyl alcohol
Concen: 250.81 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	45425		
57	57	10.7		8.6	13.0

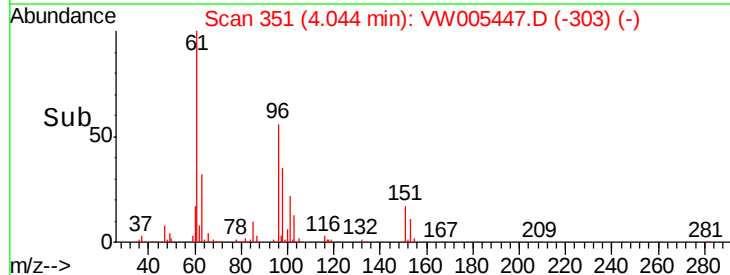
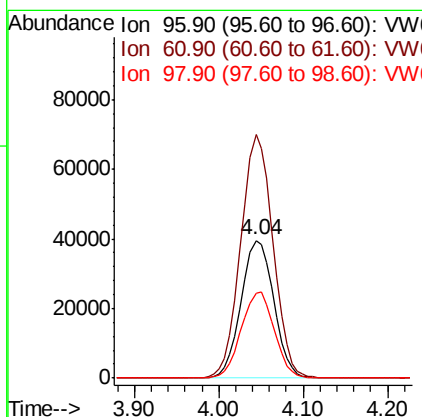
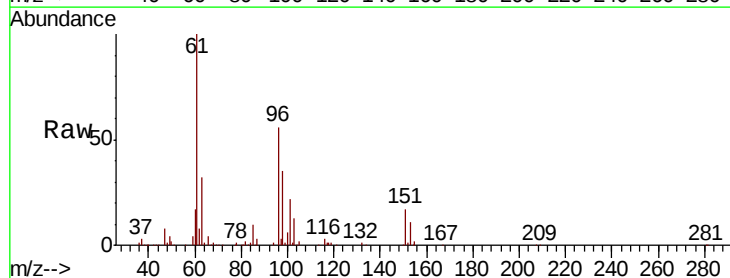
Manual Integrations
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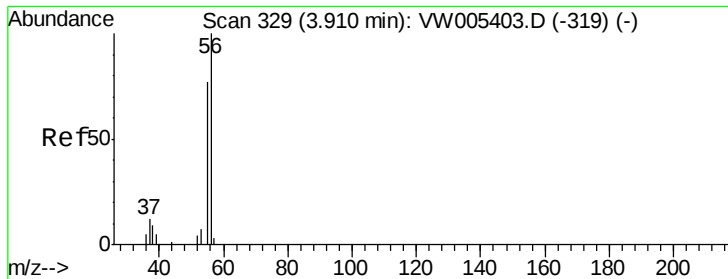
apatel
9/18/2018 2:43:34 PM



#12
1,1-Dichloroethene
Concen: 46.50 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.01 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	104269		
61	61	177.0		135.7	203.5
98	98	61.7		48.6	73.0





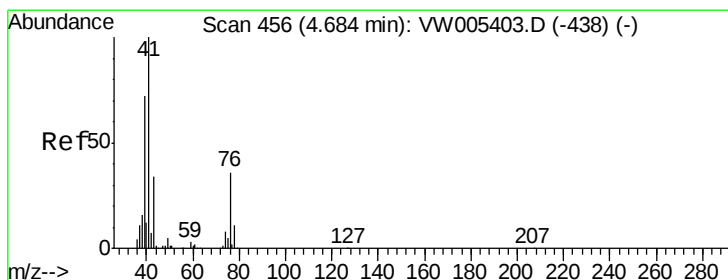
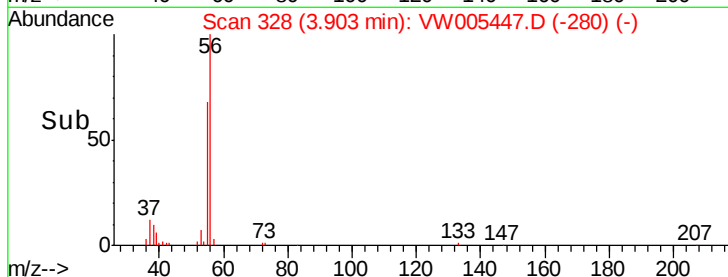
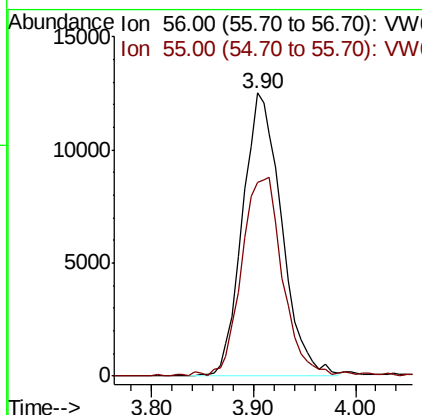
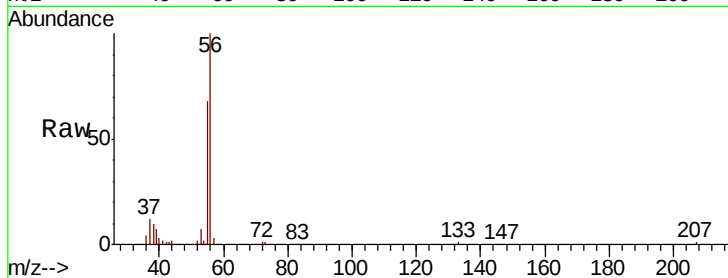
#13
Acrolein
Concen: 258.58 ug/l
RT: 3.90 min Scan# 328
Delta R.T. -0.01 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.5	59.8	89.8

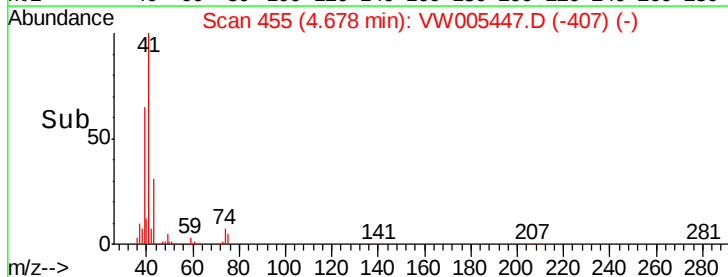
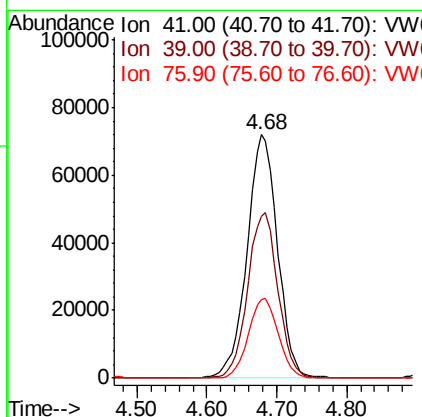
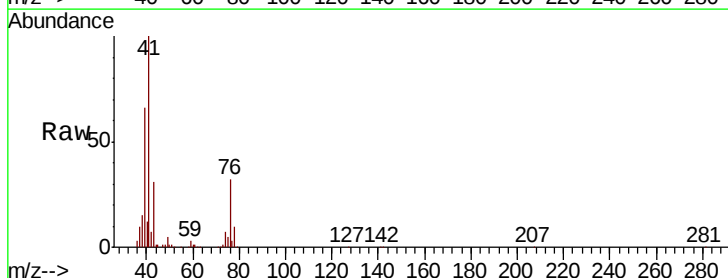
Manual Integrations
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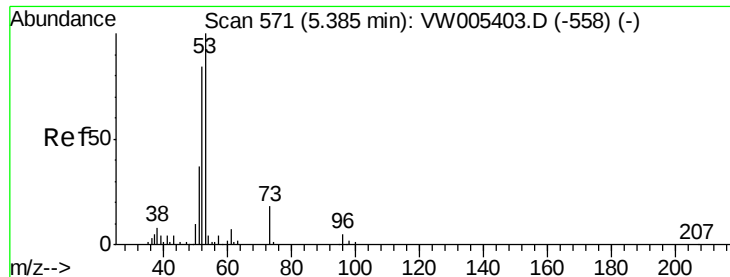
apatel
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#14
Allyl chloride
Concen: 52.26 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.2	58.6	88.0
76	32.0	27.4	41.0





#15

Acrylonitrile

Concen: 258.61 ug/l

RT: 5.38 min Scan# 571

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

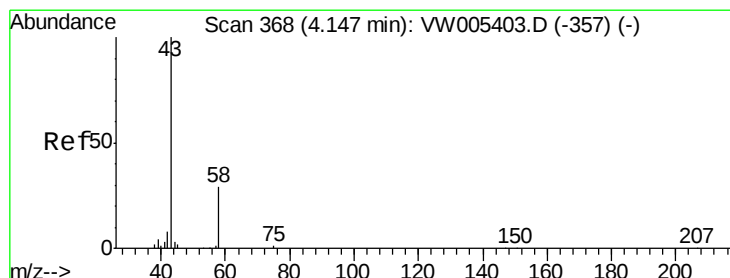
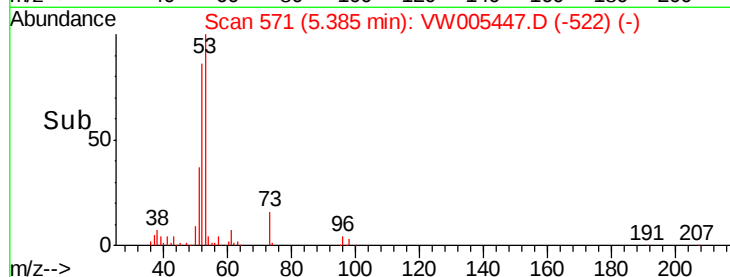
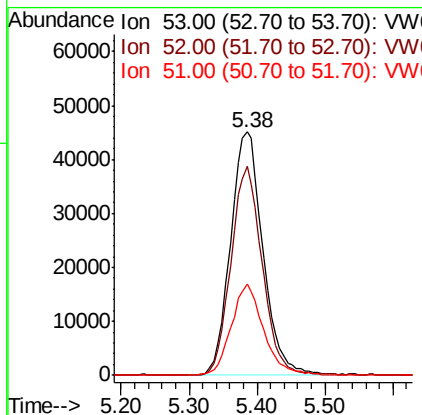
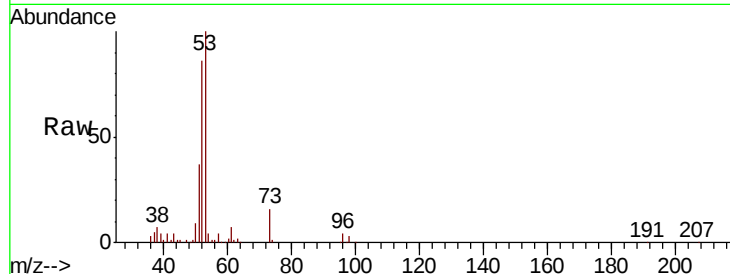
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	149246
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.6	99.8
51	37.6	31.1	46.7

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#16

Acetone

Concen: 273.46 ug/l

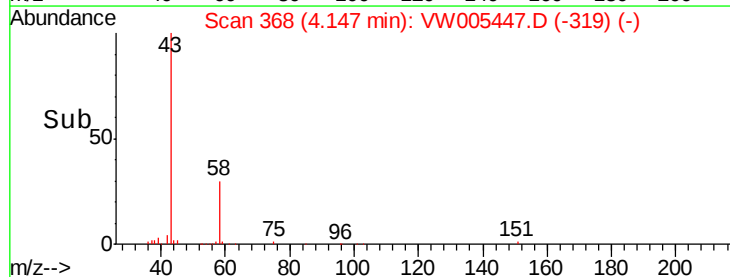
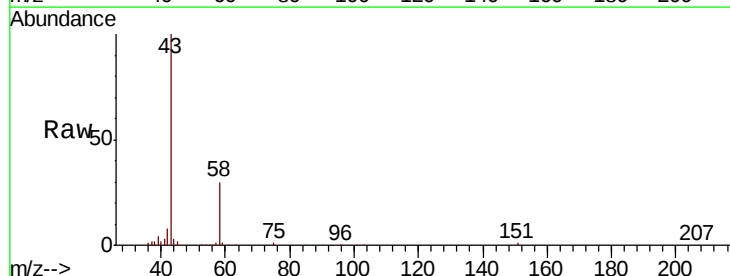
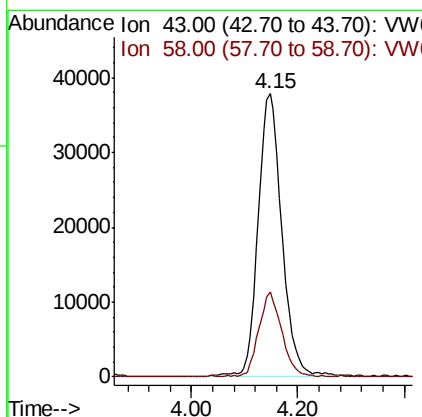
RT: 4.15 min Scan# 368

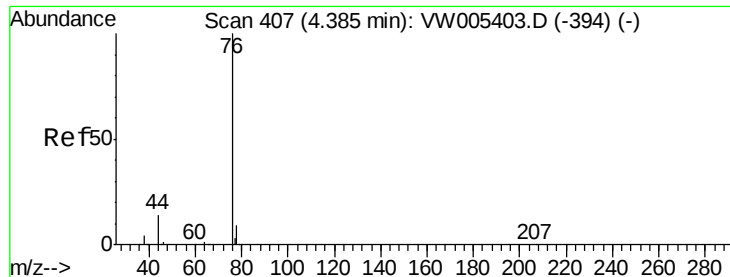
Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion:	43	Resp:	117568
Ion Ratio	Lower	Upper	
43	100		
58	30.1	22.8	34.2





#17

Carbon Disulfide

Concen: 46.10 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 364105

Ion Ratio Lower Upper

76 100

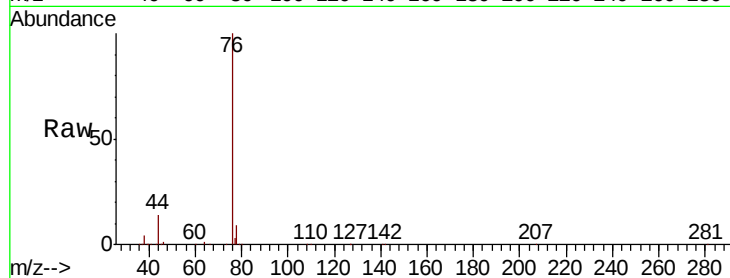
78 9.0 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

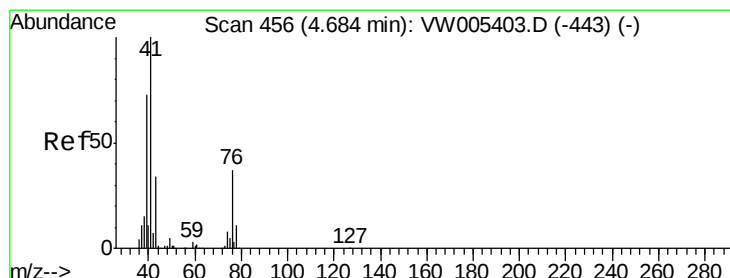
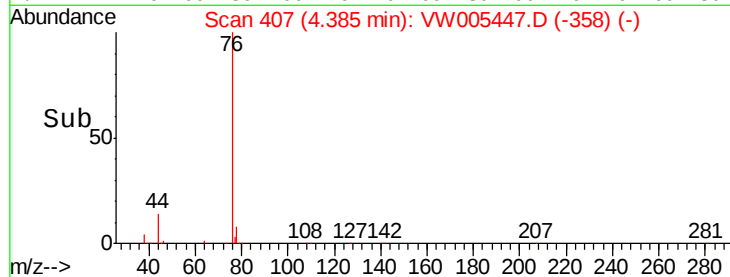
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.07 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW005447.D

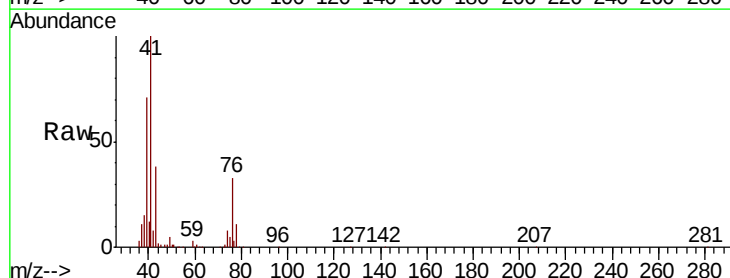
Acq: 17 Sep 2018 21:24

Tgt Ion: 43 Resp: 73830

Ion Ratio Lower Upper

43 100

74 21.6 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.69

25000

20000

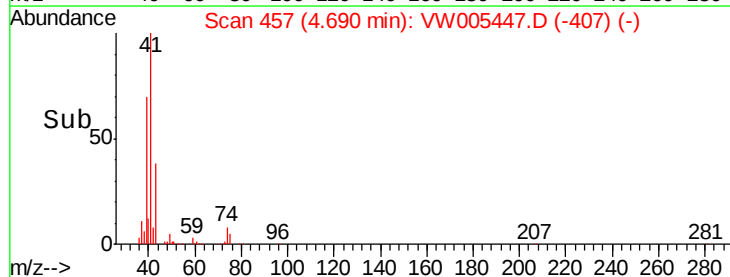
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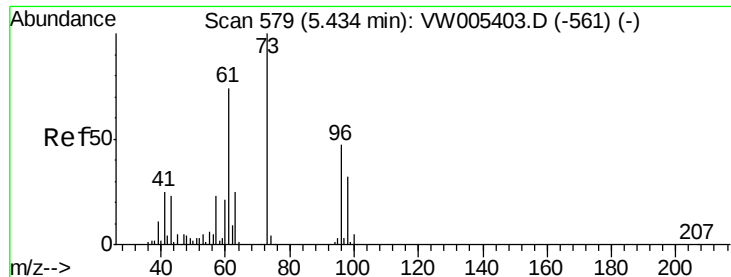
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5000

0

Time-->





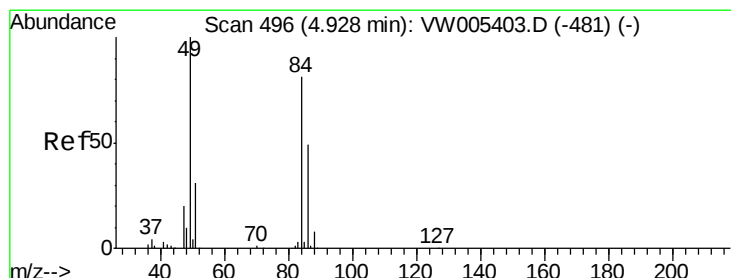
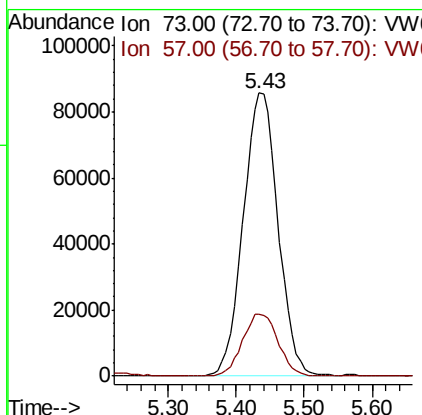
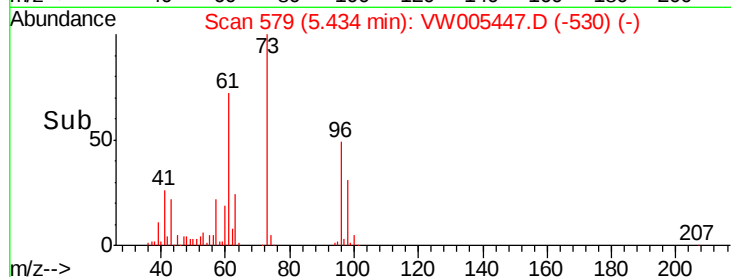
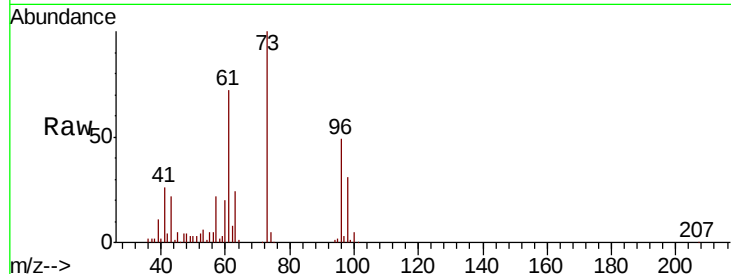
#19
Methyl tert-butyl Ether
Concen: 50.21 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 305718
Ion Ratio Lower Upper
73 100
57 21.9 18.6 28.0

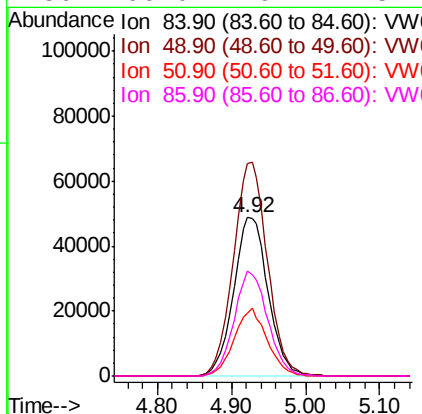
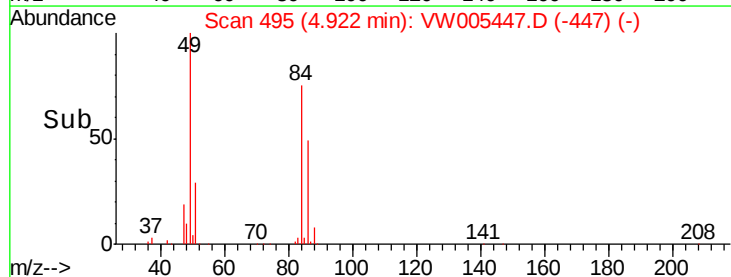
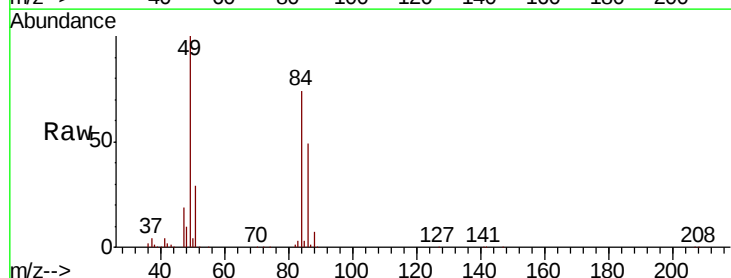
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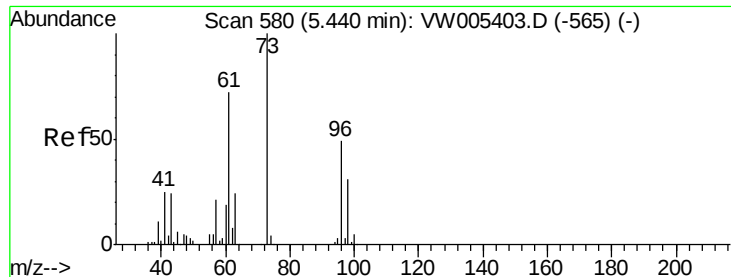
apatel
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#20
Methylene Chloride
Concen: 53.55 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion: 84 Resp: 158596
Ion Ratio Lower Upper
84 100
49 134.3 99.3 148.9
51 39.6 31.1 46.7
86 66.0 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 47.12 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

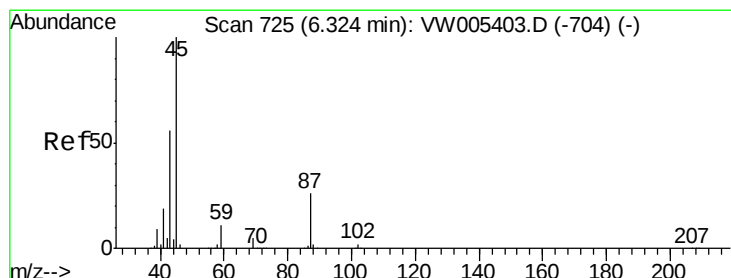
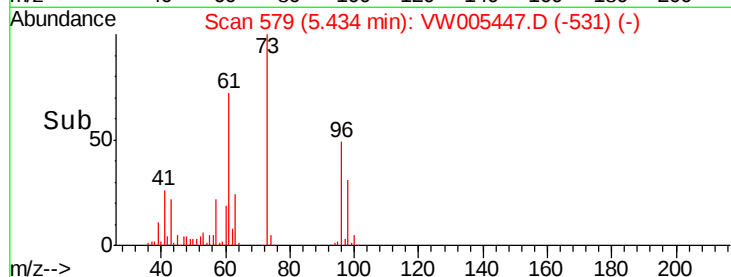
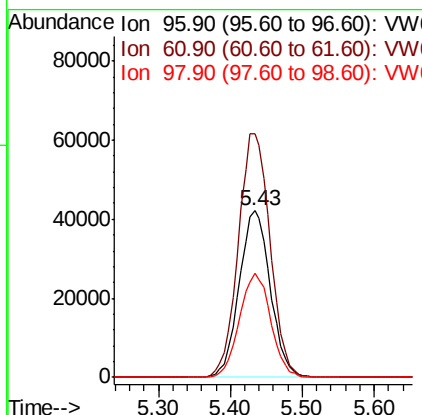
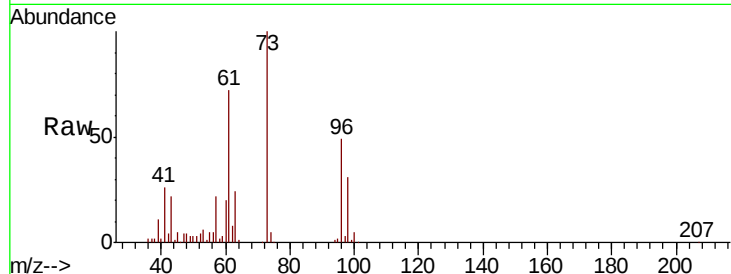
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	126180
Ion	Ratio	Lower	Upper
96	100		
61	146.1	116.7	175.1
98	62.6	51.0	76.6

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#22

Diisopropyl ether

Concen: 54.80 ug/l

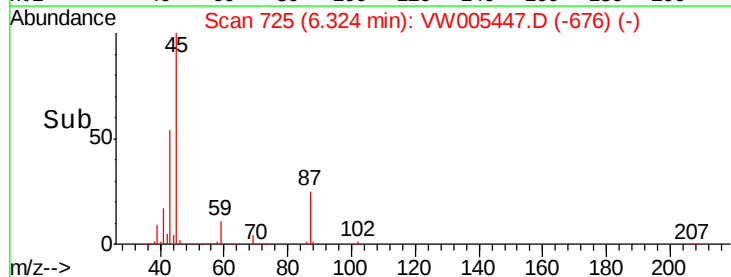
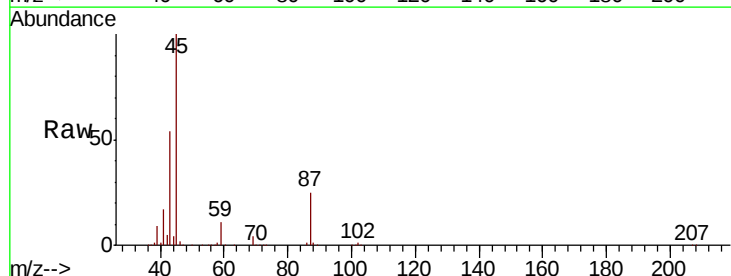
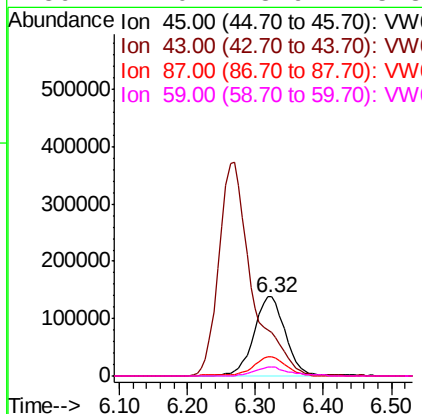
RT: 6.32 min Scan# 725

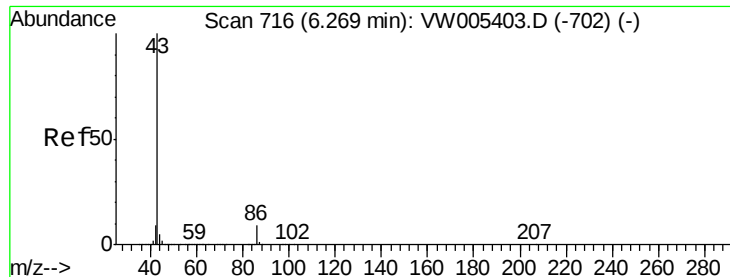
Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion:	45	Resp:	449440
Ion	Ratio	Lower	Upper
45	100		
43	54.0	44.6	67.0
87	24.4	20.6	31.0
59	11.0	8.9	13.3





#23

Vinyl Acetate

Concen: 269.86 ug/l

RT: 6.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1261196

Ion Ratio Lower Upper

43 100

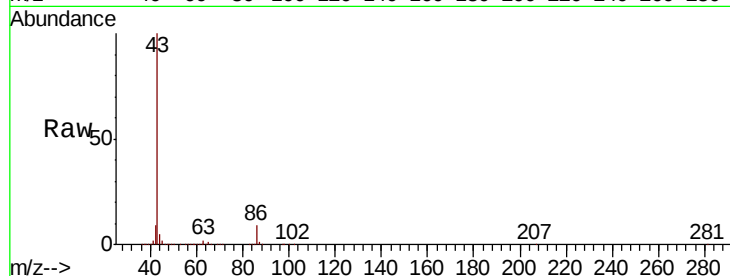
86 9.0 7.5 11.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.27

400000

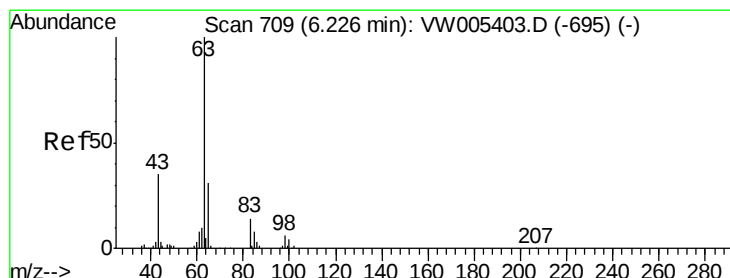
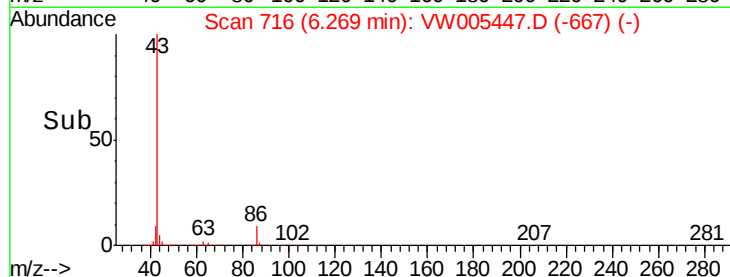
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.42 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

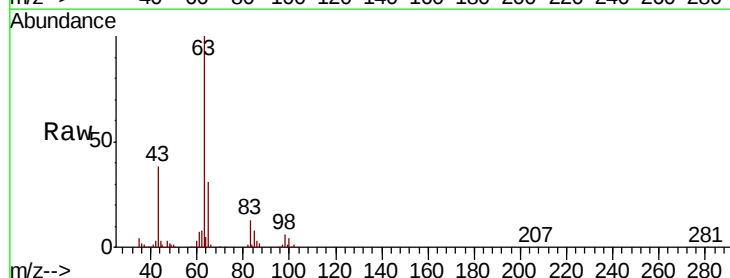
Tgt Ion: 63 Resp: 240988

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 3.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.23

100000

80000

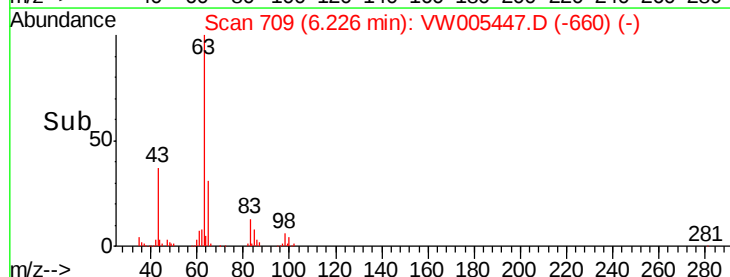
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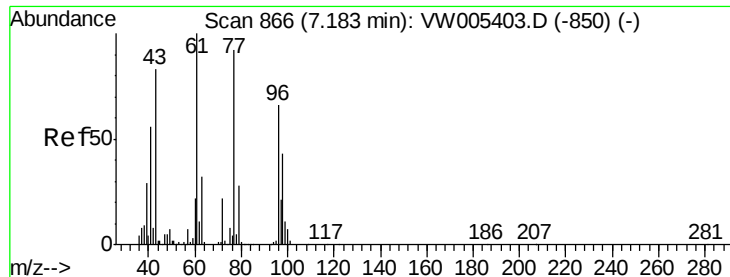
40000

20000

0

Time-->





#25

2-Butanone

Concen: 266.40 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 192776

Ion Ratio Lower Upper

43 100

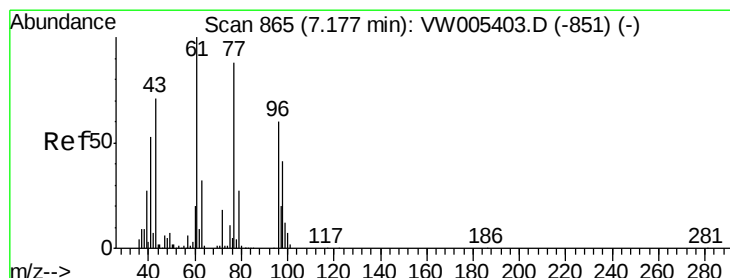
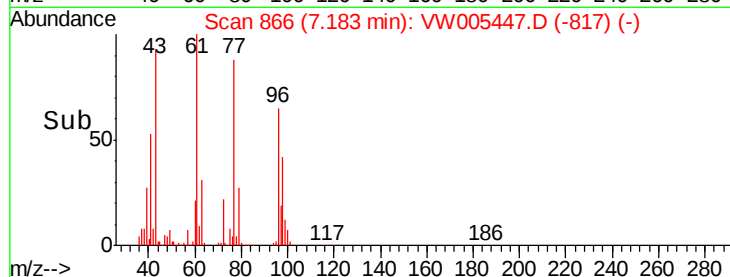
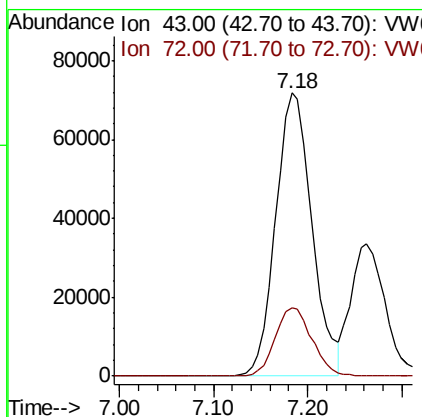
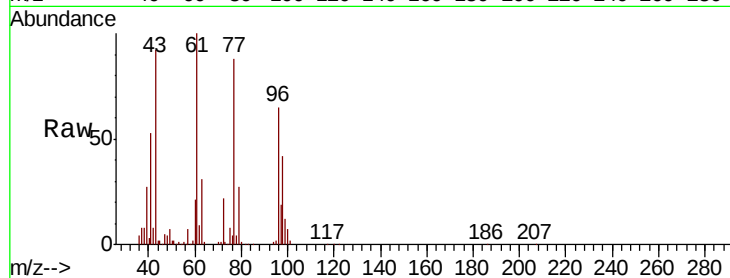
72 24.2 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.90 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005447.D

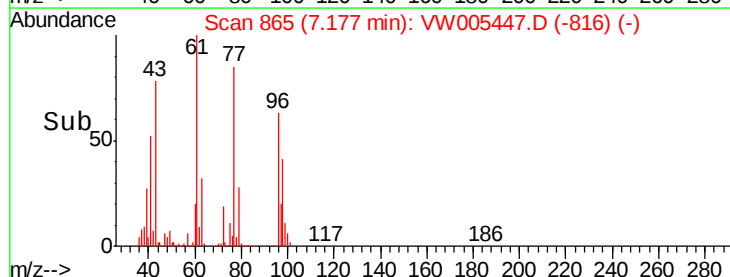
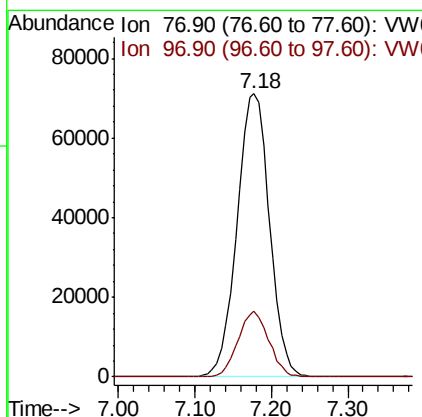
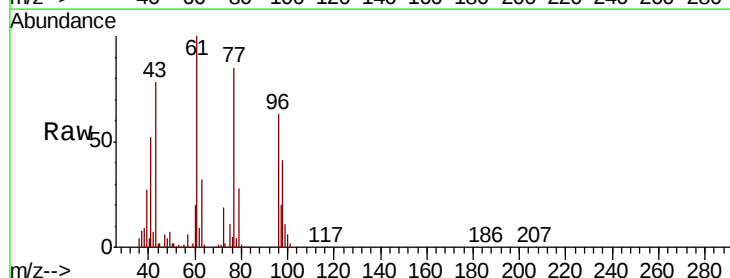
Acq: 17 Sep 2018 21:24

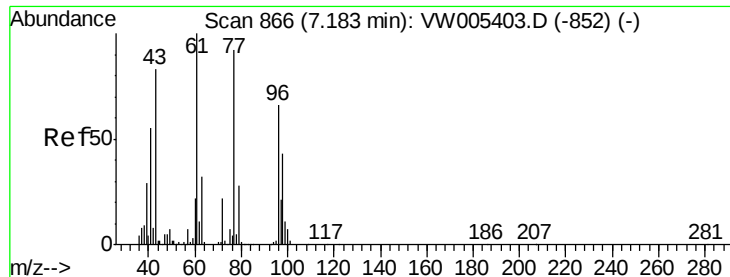
Tgt Ion: 77 Resp: 209367

Ion Ratio Lower Upper

77 100

97 22.0 10.7 32.1





#27

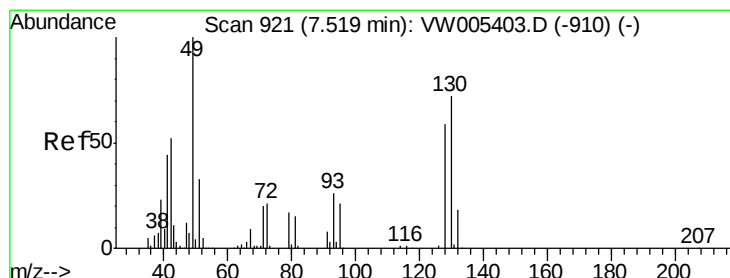
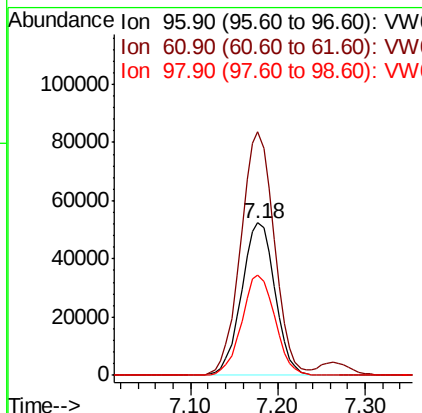
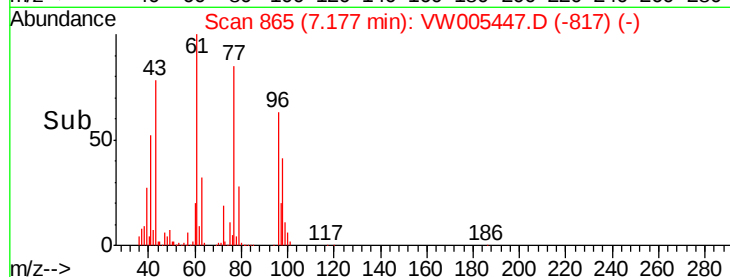
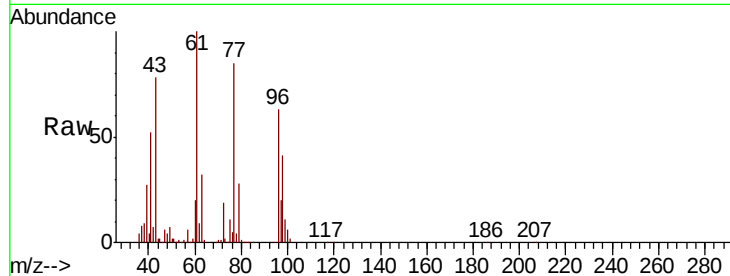
cis-1,2-Dichloroethene
 Concen: 47.67 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	160.5	0.0	316.0	
98	65.6	0.0	130.8	

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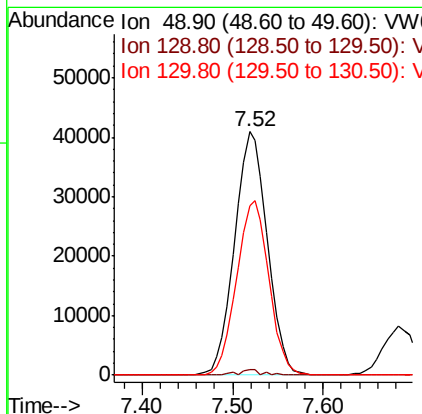
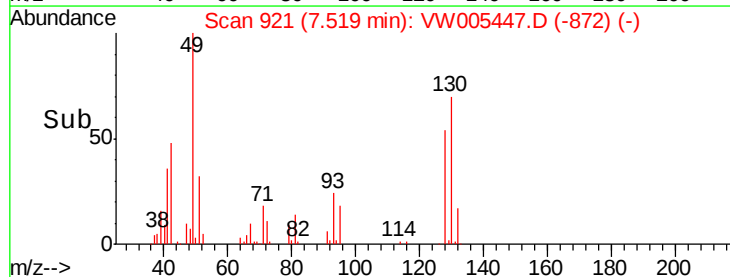
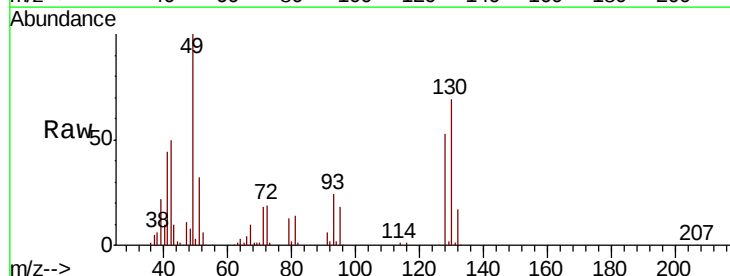
apatel
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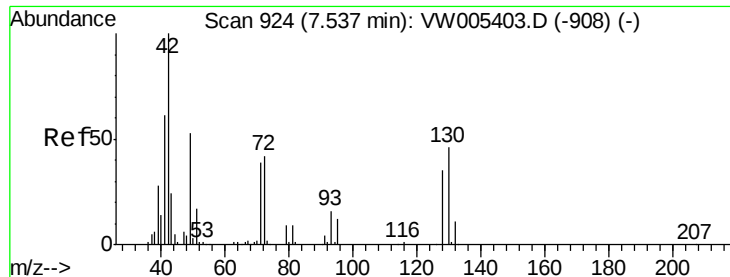


#28

Bromochloromethane
 Concen: 52.93 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	1.0#	
130	70.6	61.4	92.2	





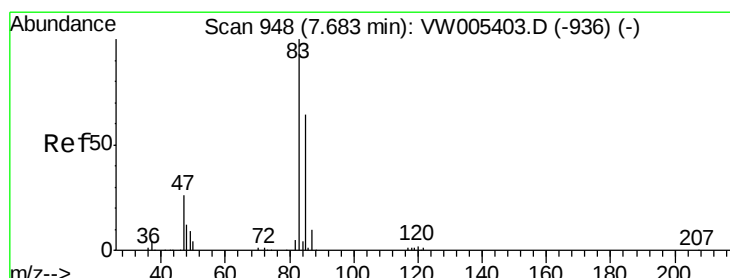
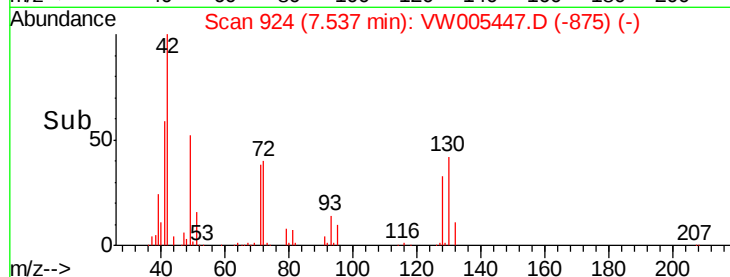
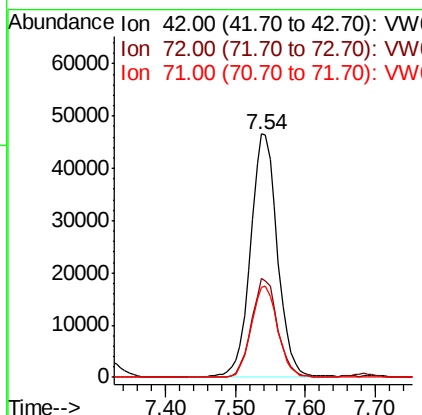
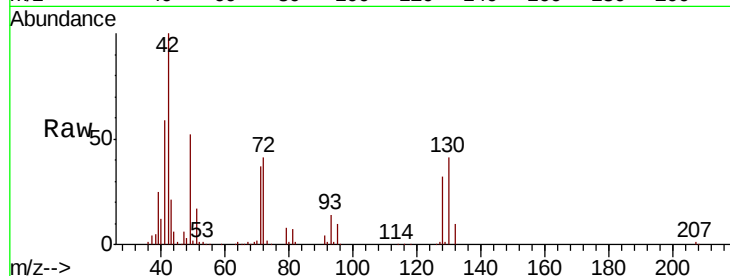
#29
Tetrahydrofuran
Concen: 271.06 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	33.2	49.8
71	36.9	31.0	46.6

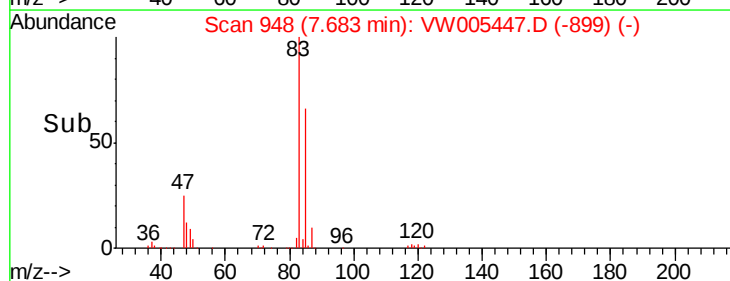
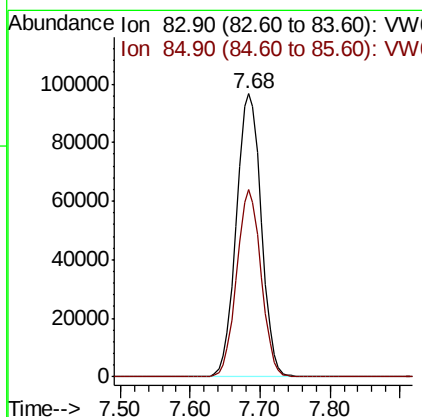
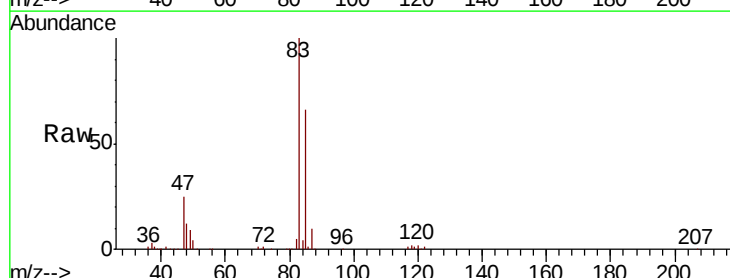
Manual Integrations
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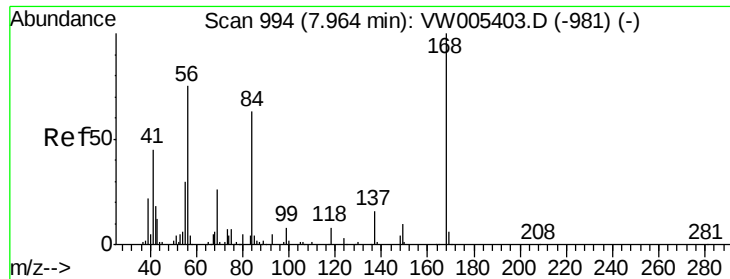
apatel
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#30
Chloroform
Concen: 46.36 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.5	77.3





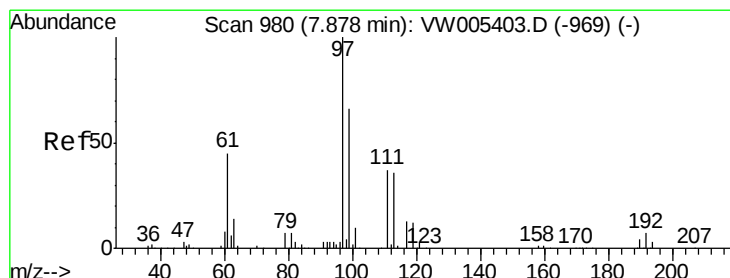
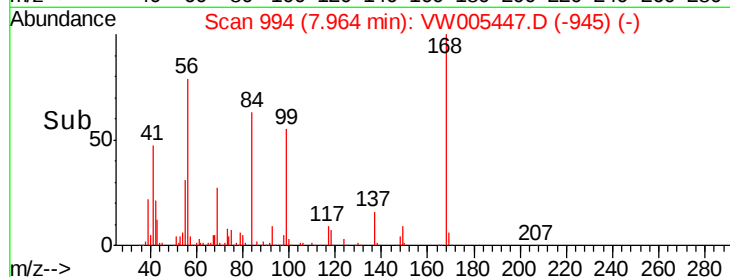
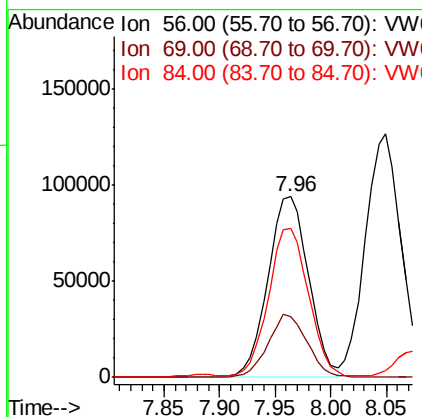
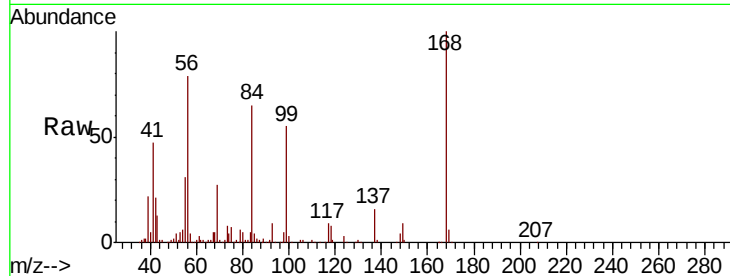
#31
Cyclohexane
Concen: 49.87 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	27.2	40.8
84	81.4	66.7	100.1

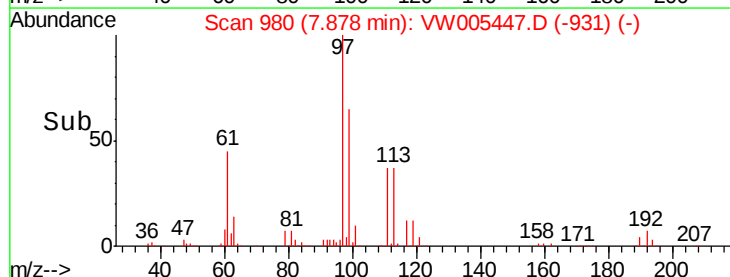
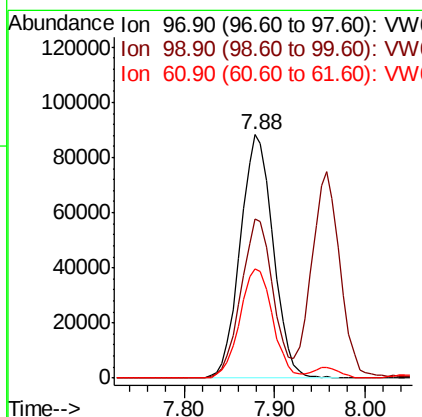
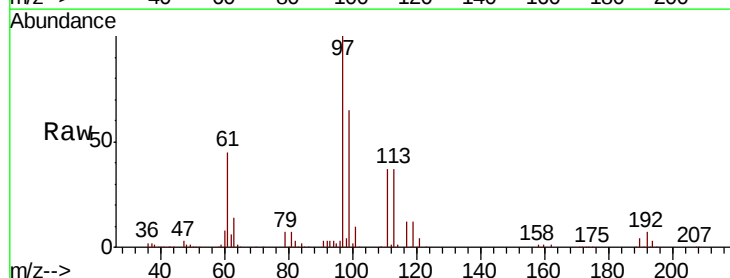
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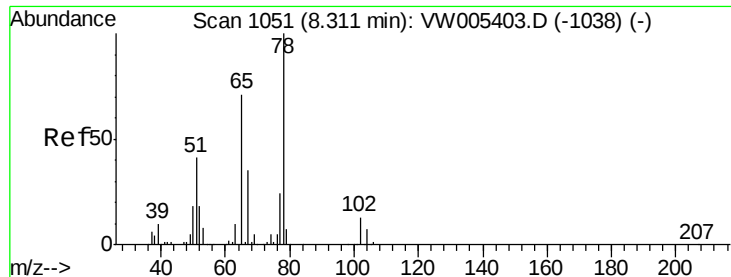
apatel
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#32
1,1,1-Trichloroethane
Concen: 46.29 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	44.9	35.8	53.6





#33

1,2-Dichloroethane-d4

Concen: 43.79 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 131740

Ion Ratio Lower Upper

65 100

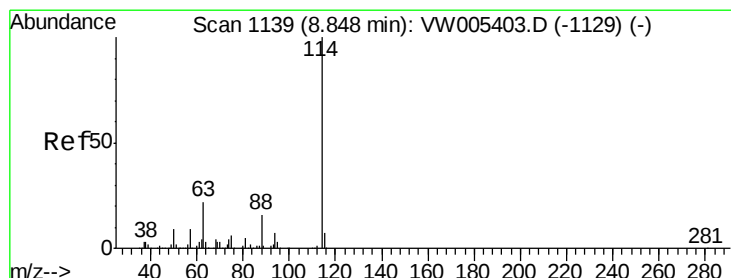
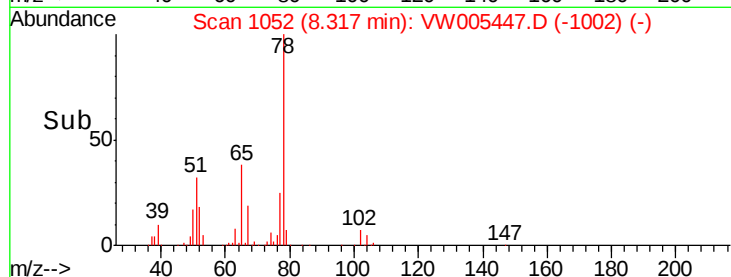
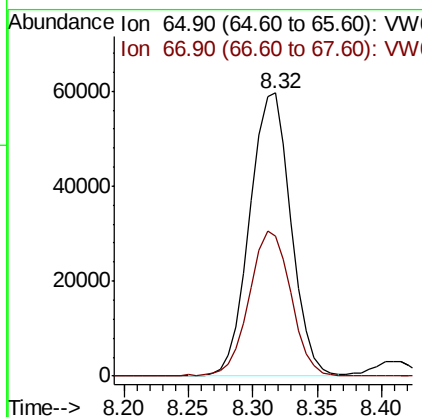
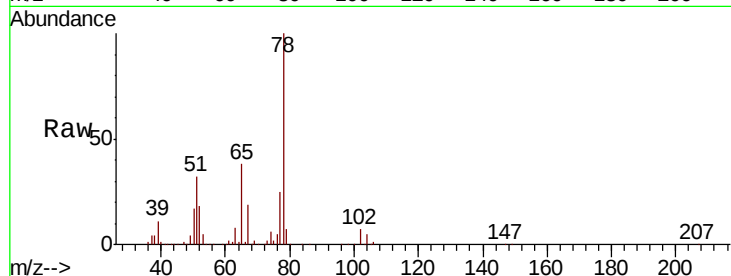
67 52.1 0.0 100.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

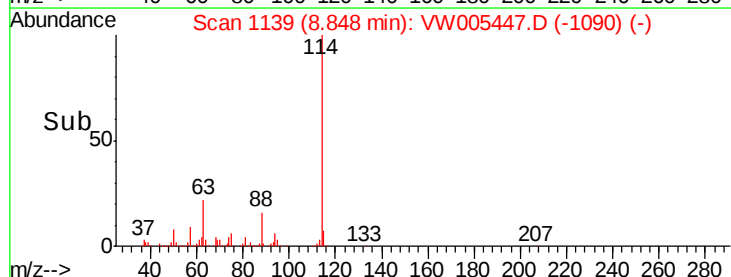
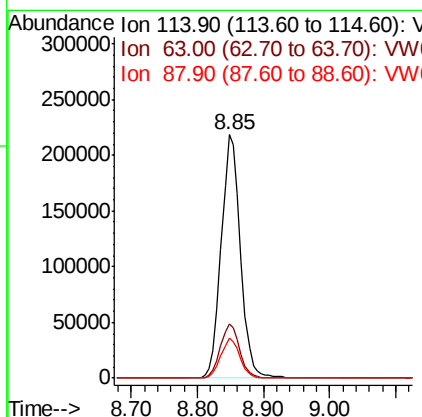
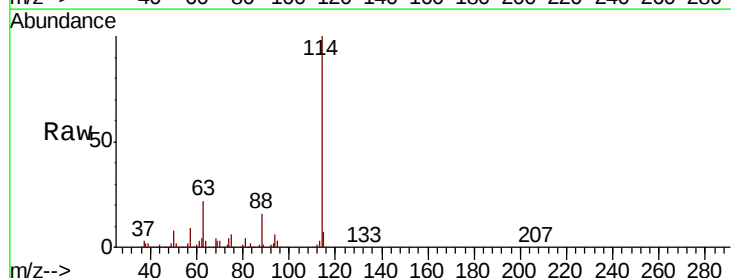
Tgt Ion: 114 Resp: 438844

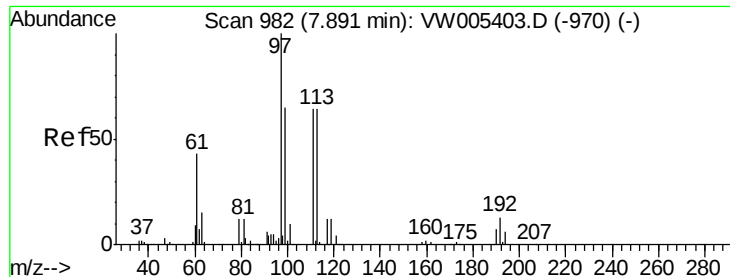
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.18 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

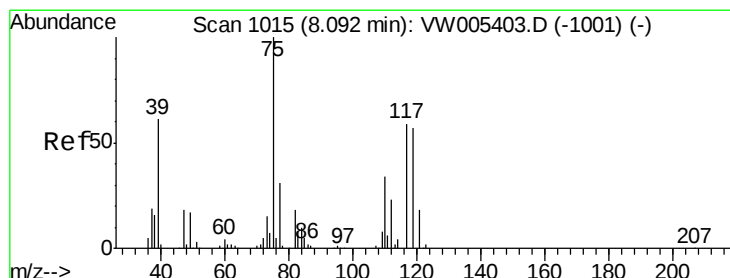
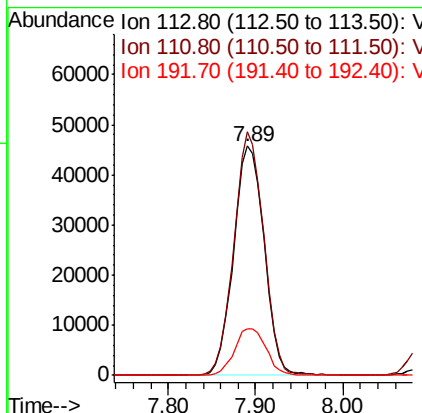
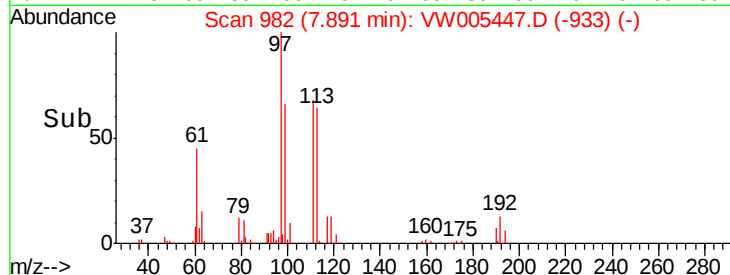
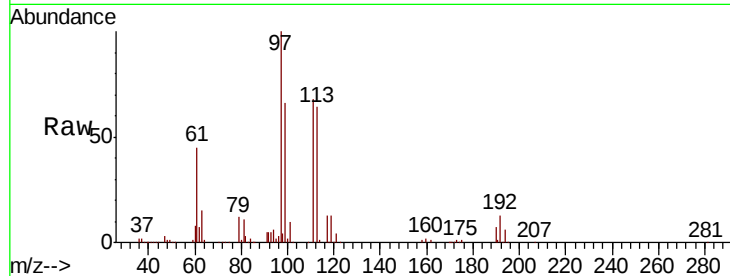
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111163		
111	103.7	82.3	123.5	
192	20.9	16.5	24.7	

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#36

1,1-Dichloropropene

Concen: 47.87 ug/l

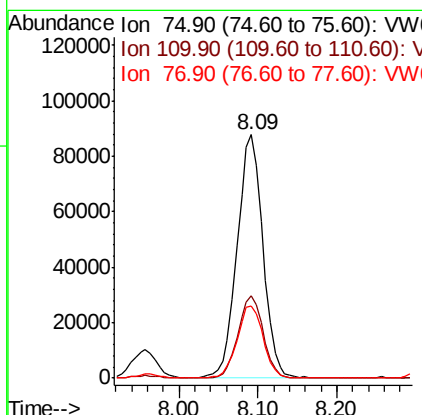
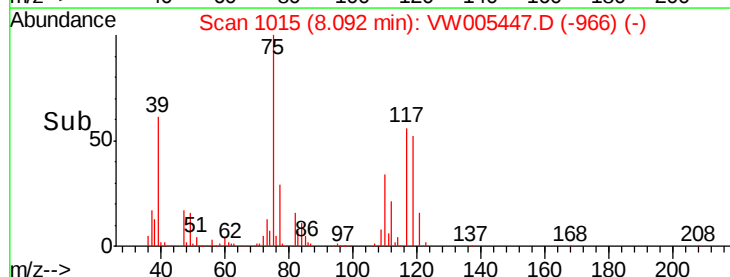
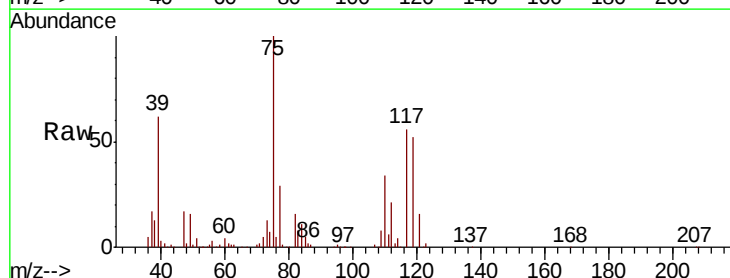
RT: 8.09 min Scan# 1015

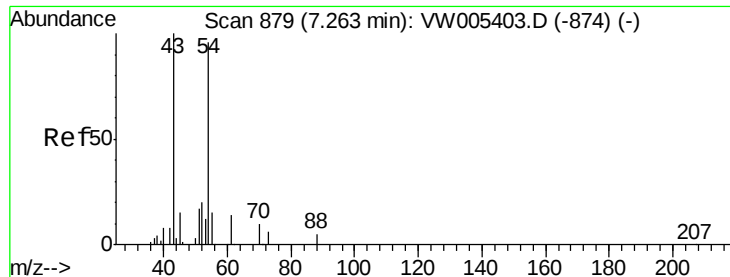
Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	198816		
110	33.4	16.8	50.4	
77	30.4	24.2	36.4	





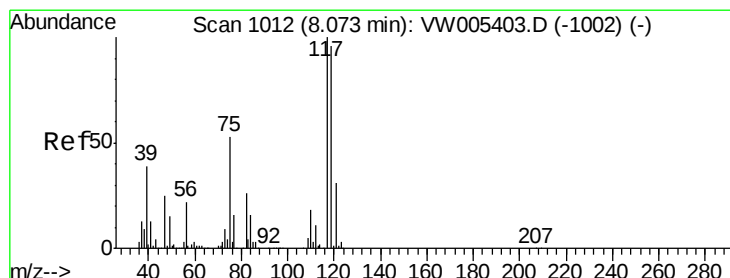
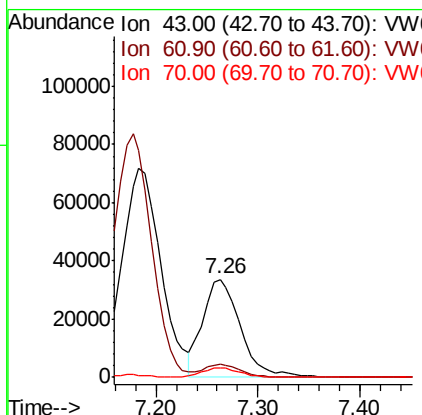
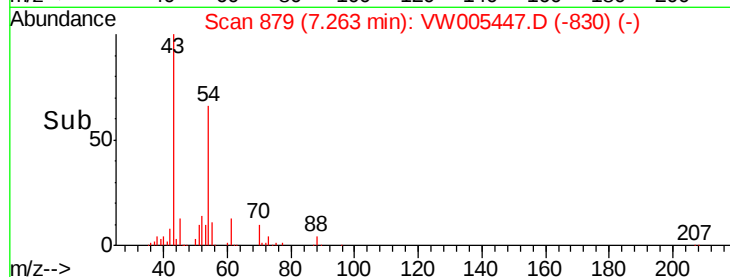
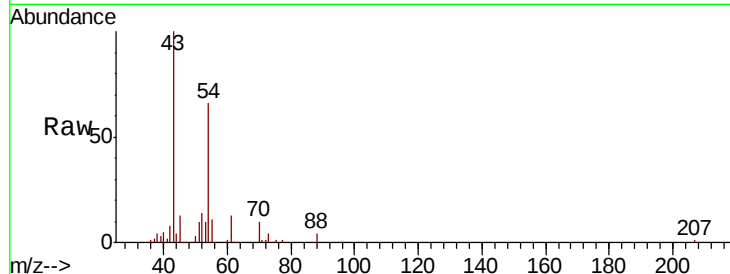
#37
Ethyl Acetate
Concen: 50.65 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.3	16.9
70	10.0	8.2	12.4

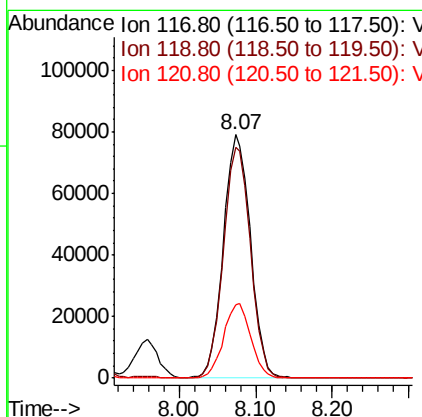
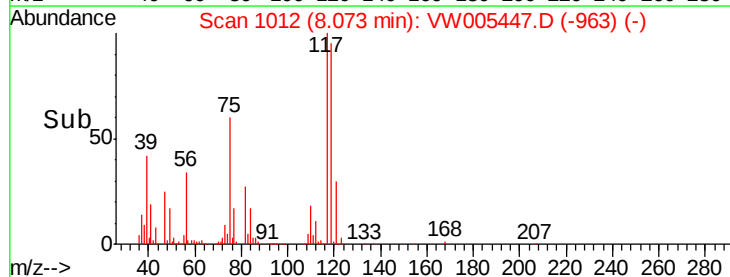
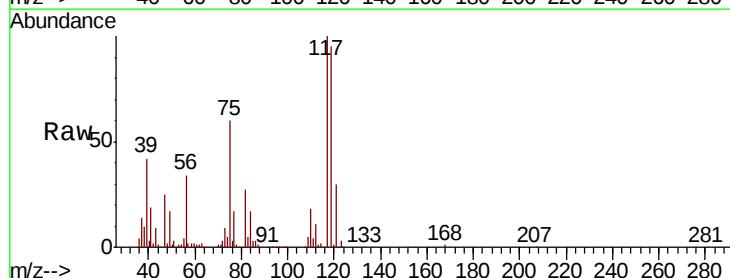
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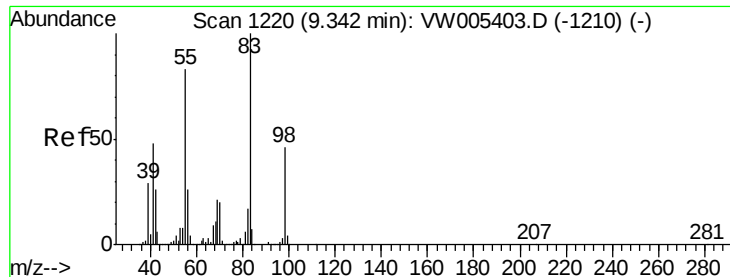
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#38
Carbon Tetrachloride
Concen: 44.79 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.8	115.2
121	30.3	24.7	37.1





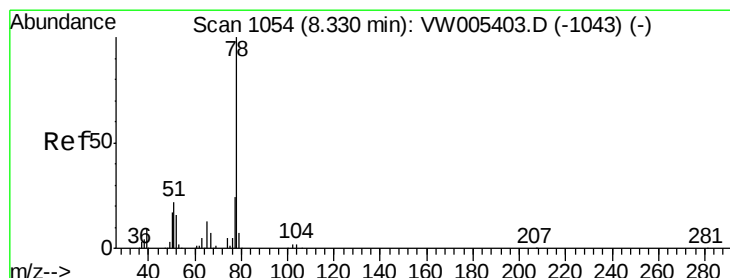
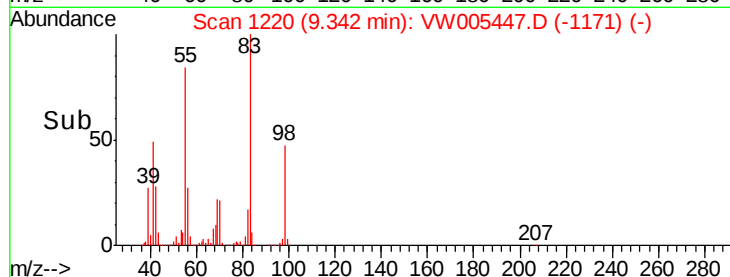
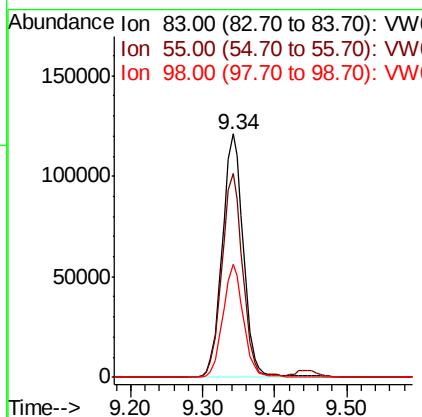
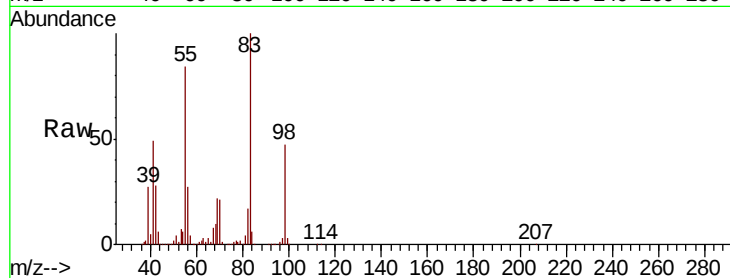
#39
Methvlcvclohexane
Concen: 51.44 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	248235		
55	83.7		66.1	99.1
98	46.6		36.7	55.1

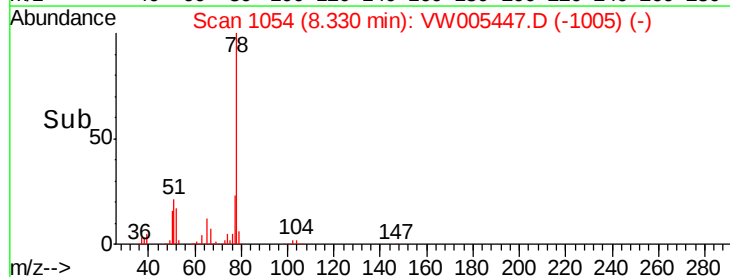
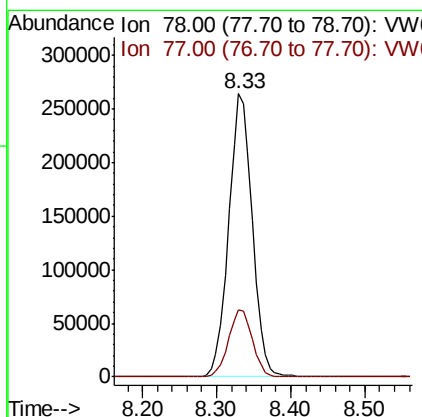
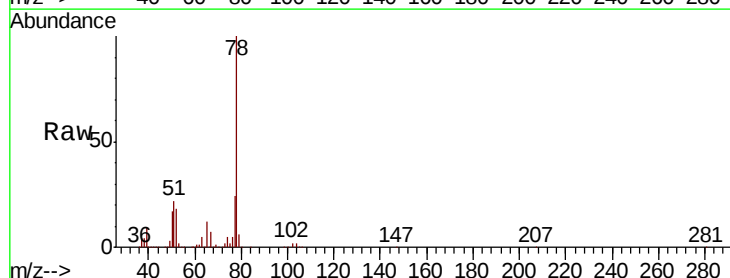
Manual Integrations
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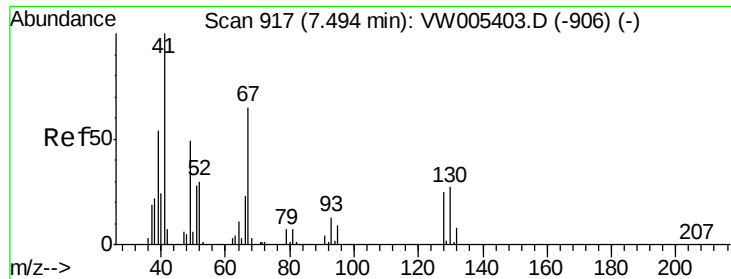
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#40
Benzene
Concen: 48.66 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	585464		
77	23.5		19.3	28.9





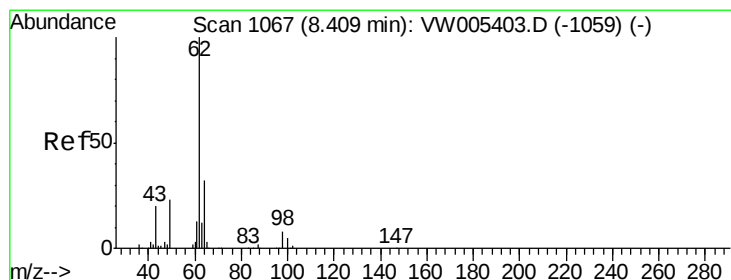
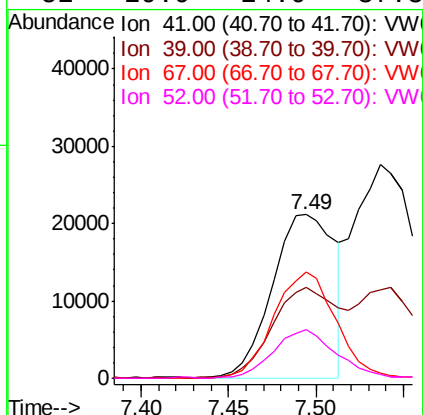
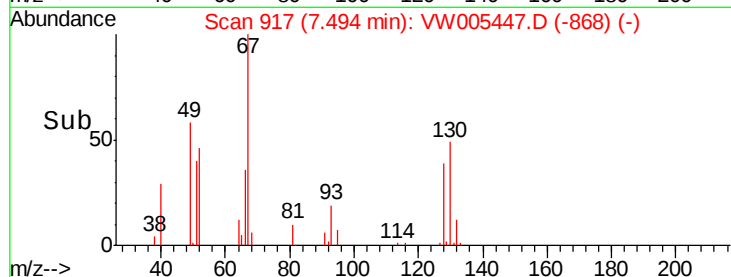
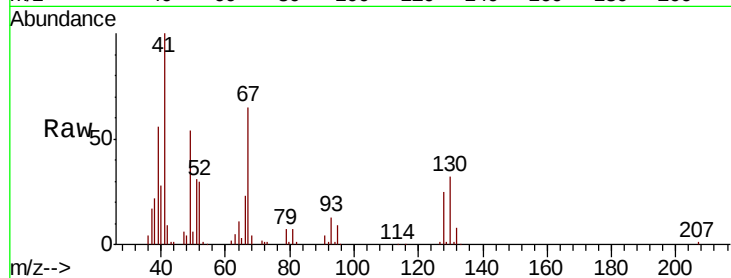
#41
Methacrylonitrile
Concen: 52.12 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		53111		
39	60.1	44.6	67.0		
67	64.5	53.6	80.4		
52	29.9	24.9	37.3		

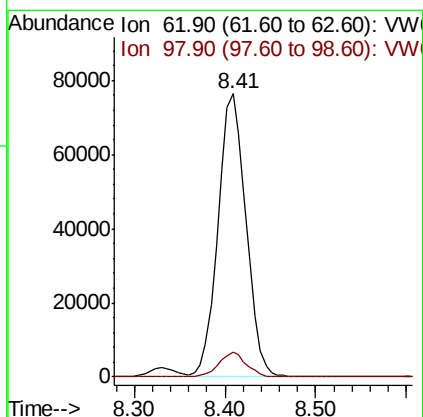
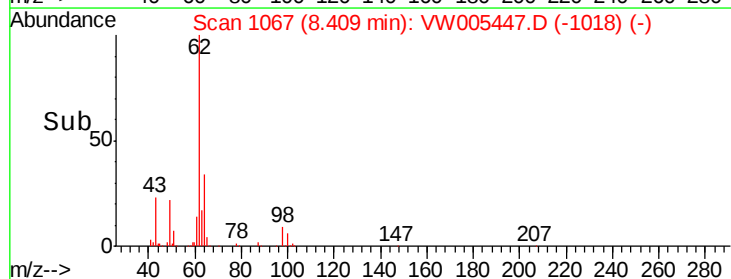
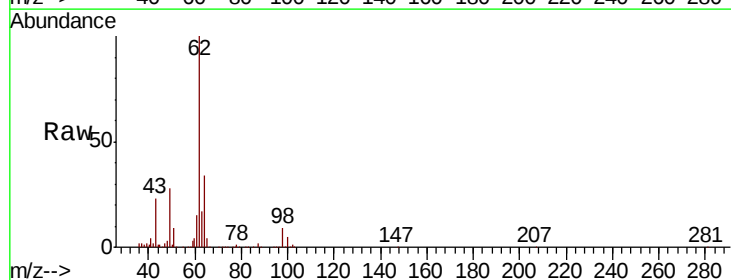
Manual Integrations
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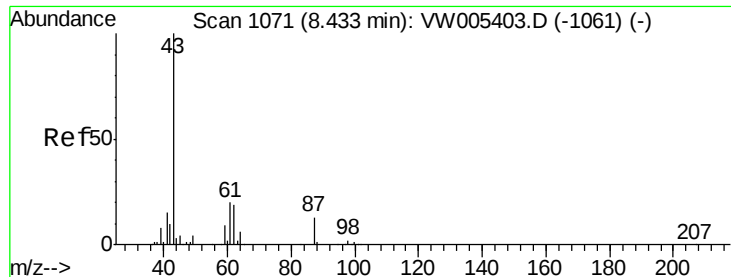
apatel
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#42
1,2-Dichloroethane
Concen: 43.60 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		164198		
98	8.5	0.0	15.6		





#43

Isopropyl Acetate

Concen: 52.05 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

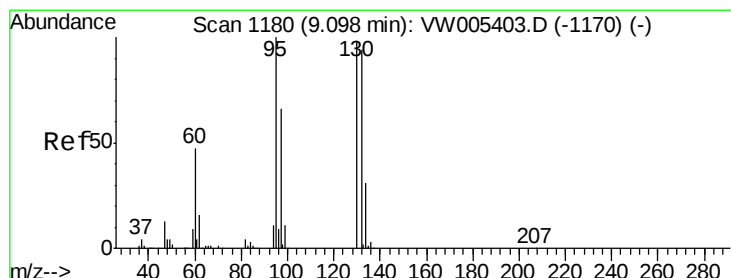
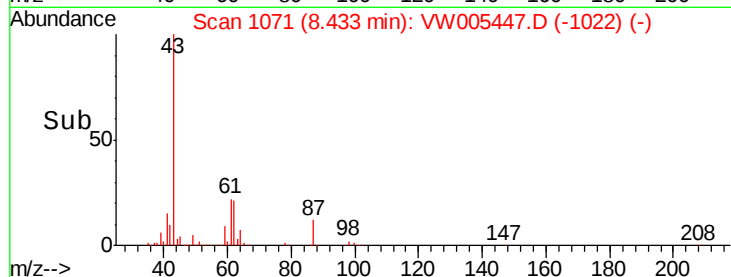
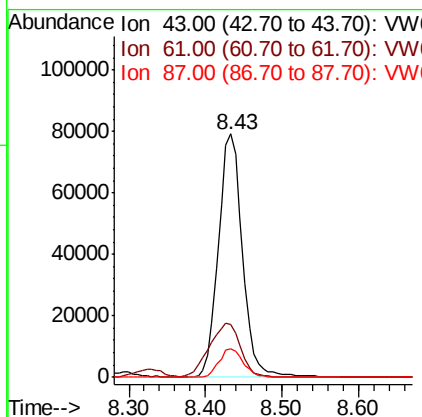
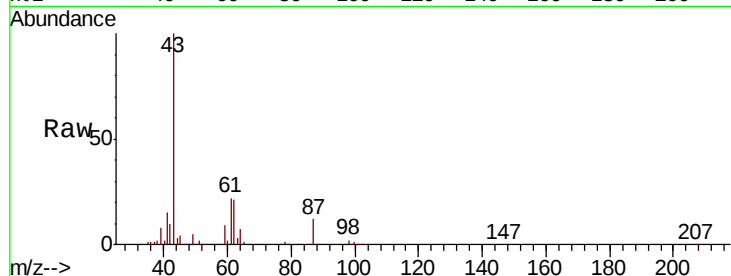
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	171570
Ion	Ratio	Lower	Upper
43	100		
61	28.4	23.8	35.6
87	11.9	10.1	15.1

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#44

Trichloroethene

Concen: 46.78 ug/l

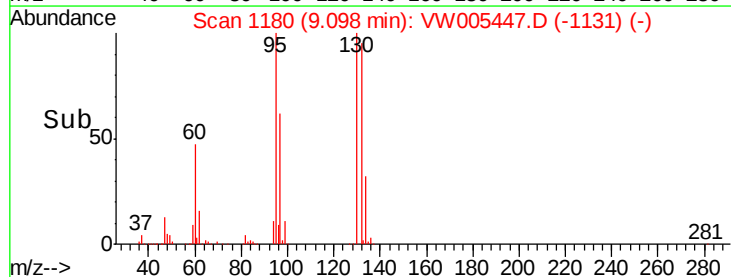
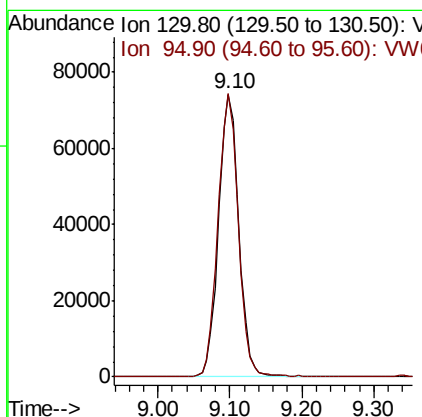
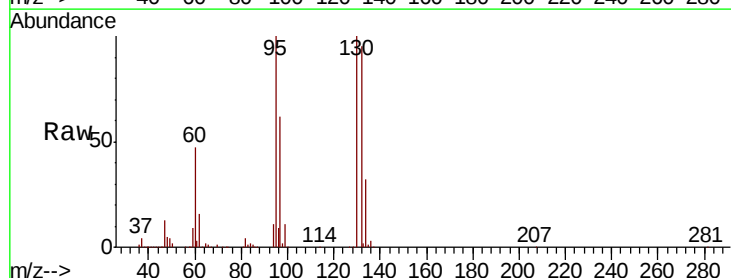
RT: 9.10 min Scan# 1180

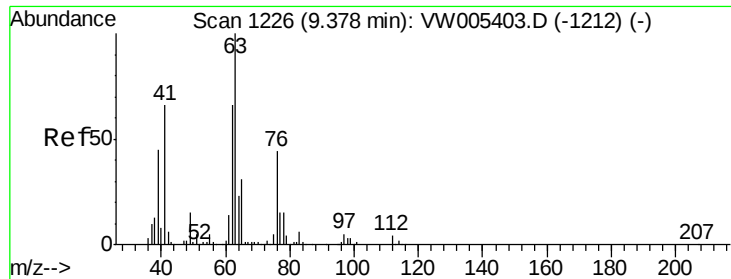
Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion:	130	Resp:	144846
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	204.6





#45

1,2-Dichloropropane

Concen: 51.49 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 148005

Ion Ratio Lower Upper

63 100

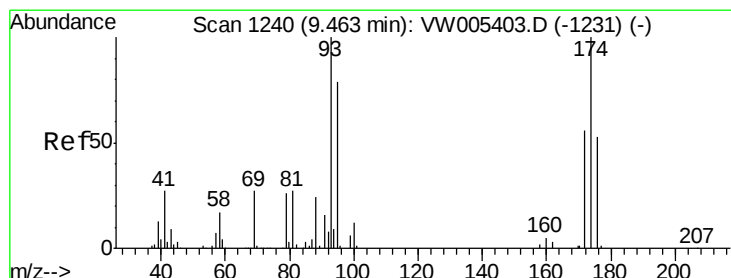
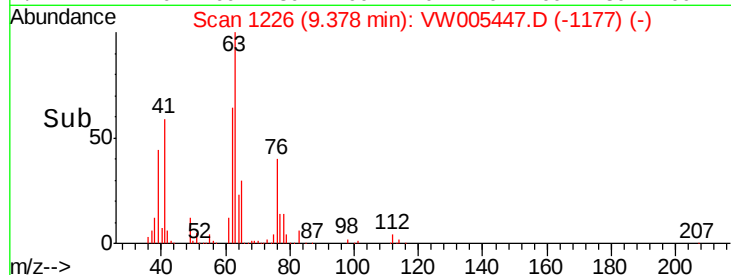
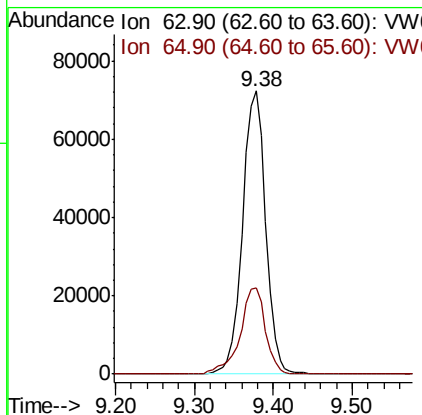
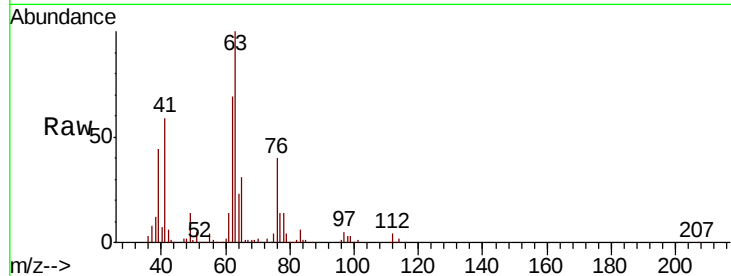
65 30.7 25.0 37.6

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#46

Dibromomethane

Concen: 47.14 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

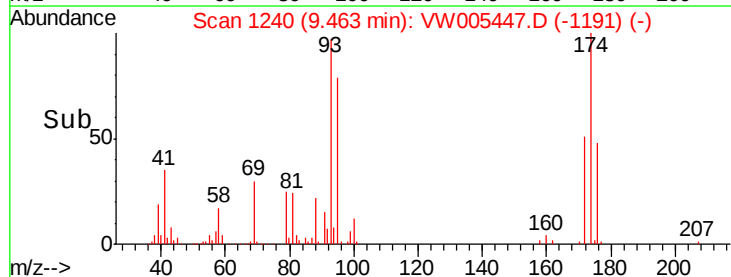
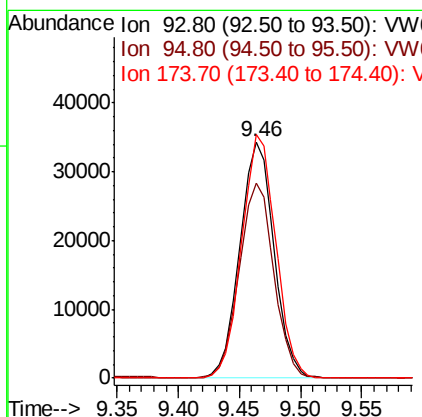
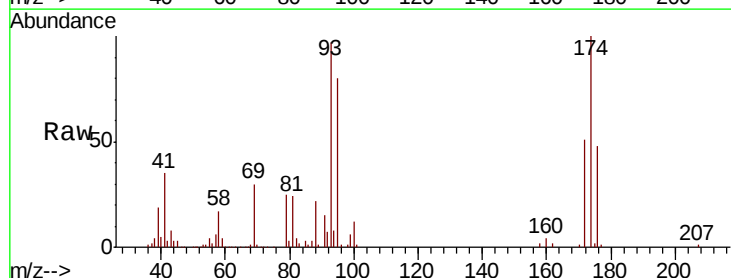
Tgt Ion: 93 Resp: 66661

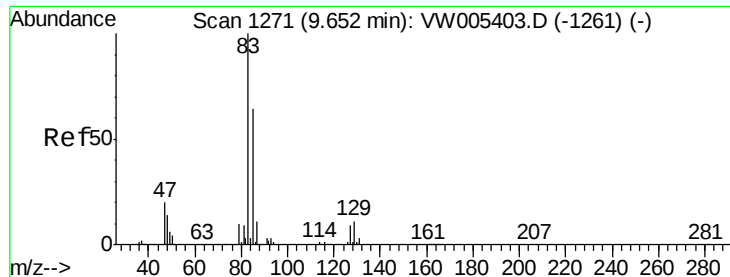
Ion Ratio Lower Upper

93 100

95 83.7 65.4 98.0

174 102.9 83.4 125.2





#47

Bromodichloromethane

Concen: 47.69 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

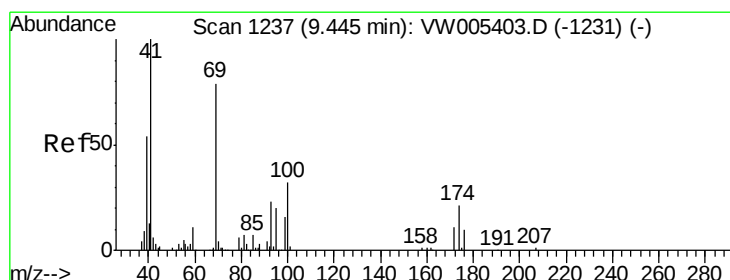
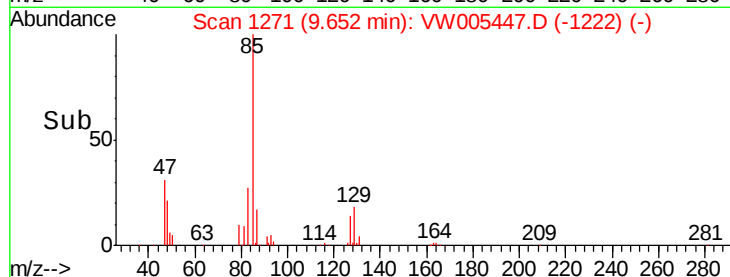
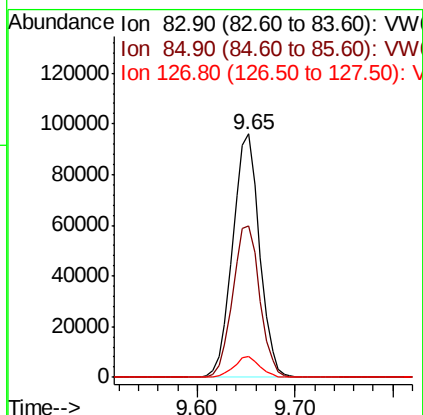
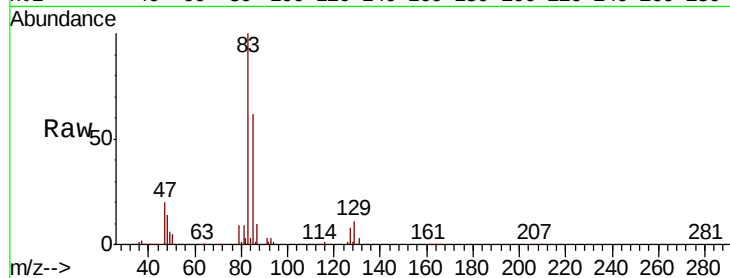
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	182696
Ion Ratio	Lower	Upper	
83	100		
85	62.4	50.9	76.3
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 54.04 ug/l

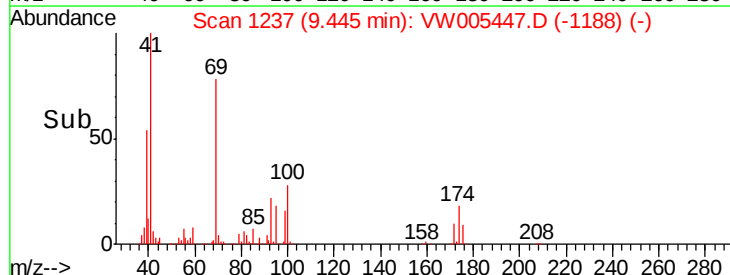
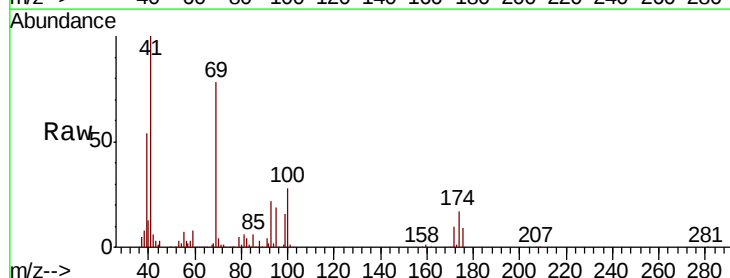
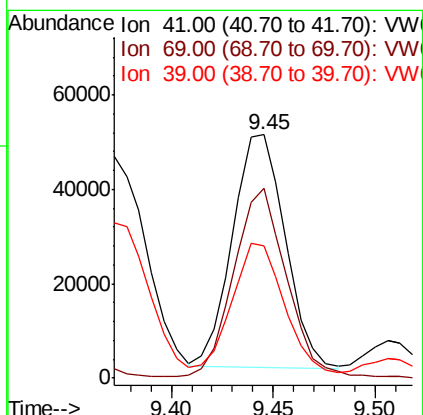
RT: 9.45 min Scan# 1237

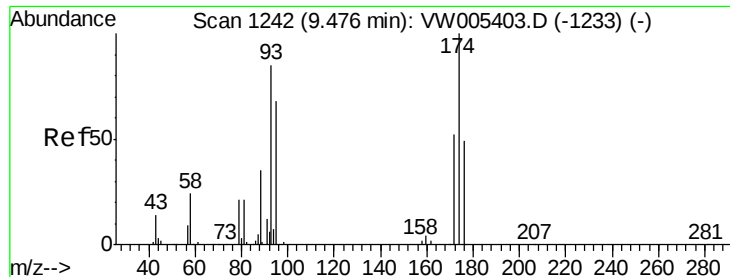
Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion:	41	Resp:	88899
Ion Ratio	Lower	Upper	
41	100		
69	82.9	67.5	101.3
39	53.6	45.5	68.3





#49

1,4-Dioxane

Concen: 1051.84 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

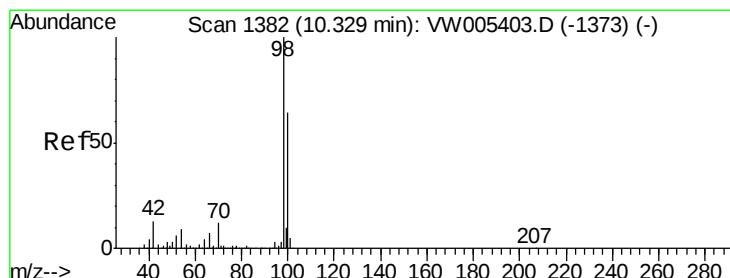
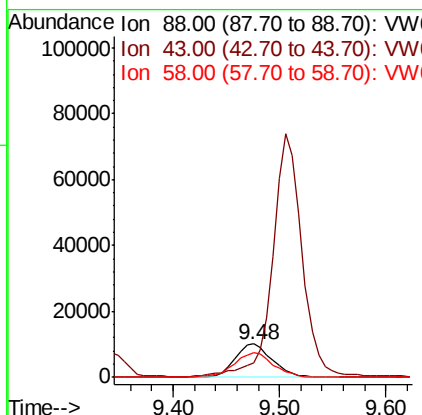
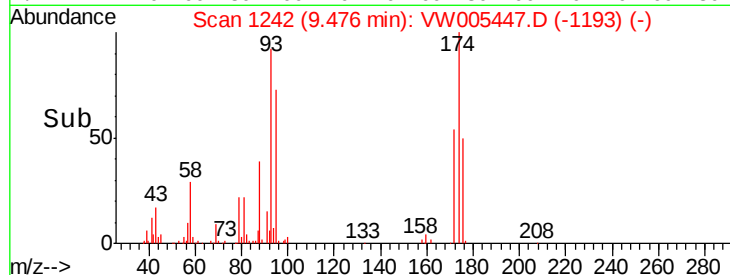
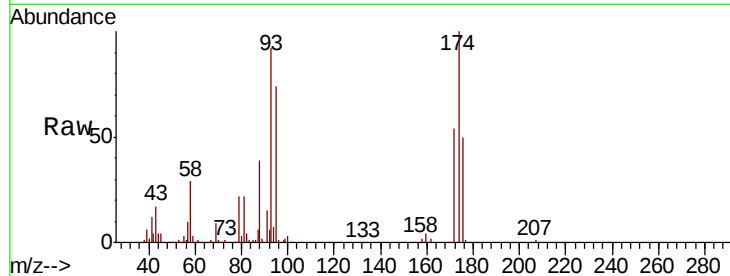
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	24789
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	80.0	62.4	93.6

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#50

Toluene-d8

Concen: 48.64 ug/l

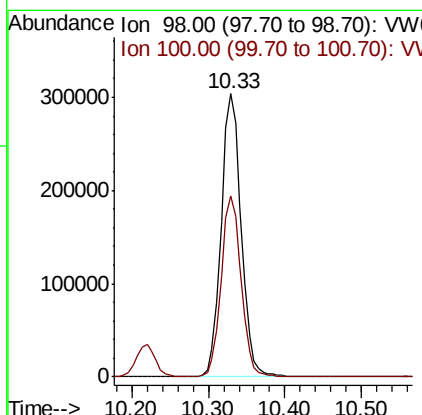
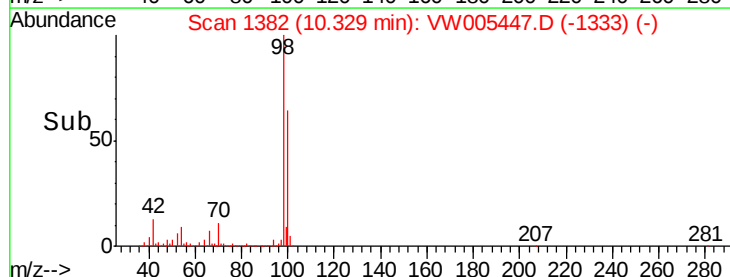
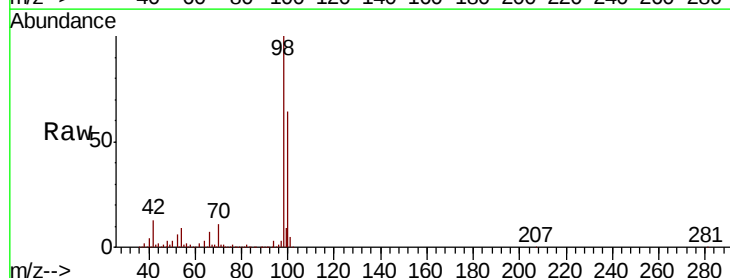
RT: 10.33 min Scan# 1382

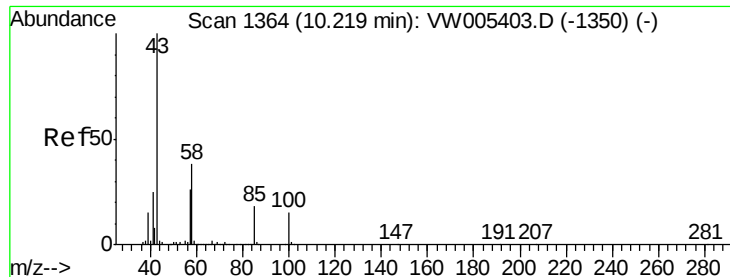
Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion:	98	Resp:	548089
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 271.15 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 460087

Ion Ratio Lower Upper

43 100

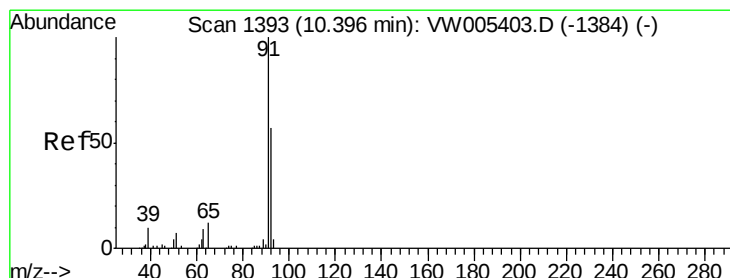
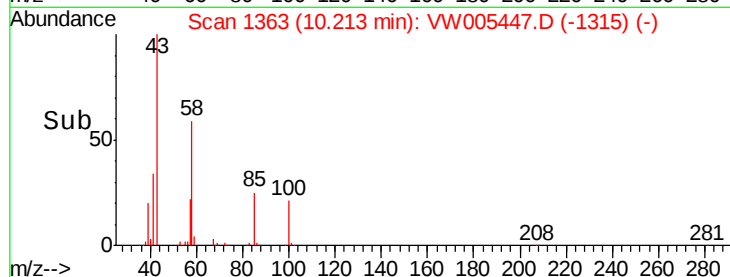
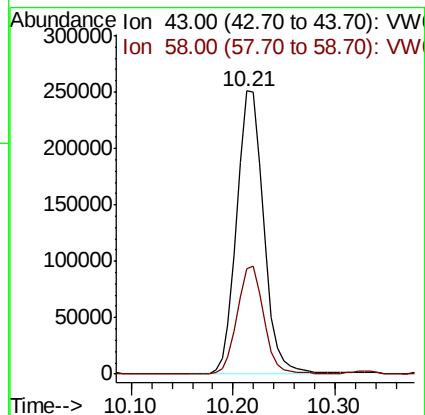
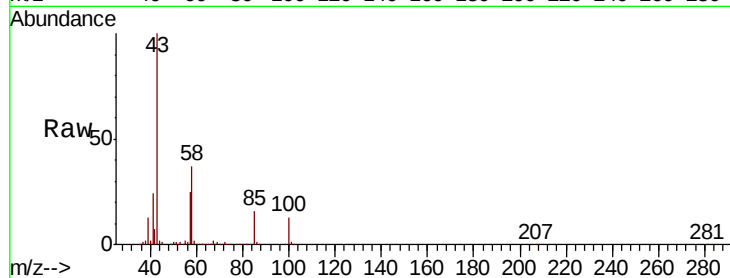
58 37.3 29.9 44.9

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#52

Toluene

Concen: 49.54 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005447.D

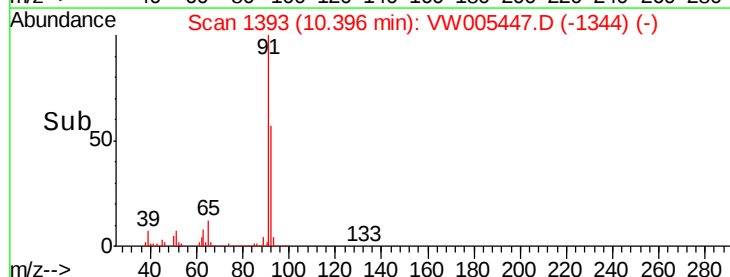
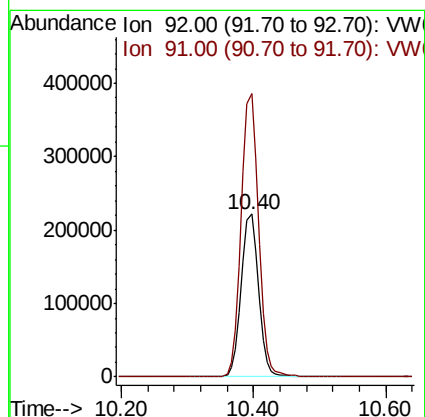
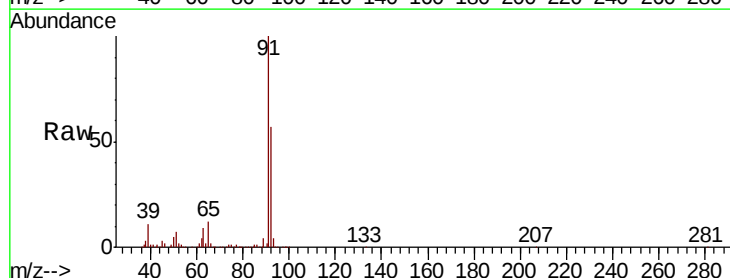
Acq: 17 Sep 2018 21:24

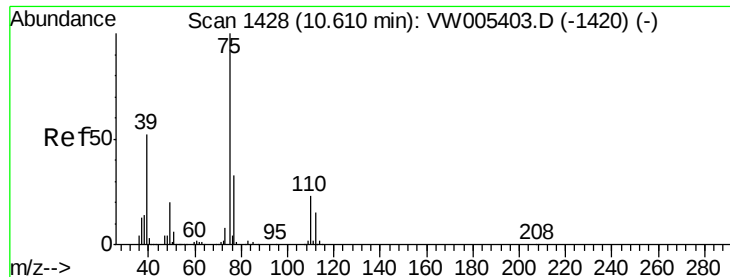
Tgt Ion: 92 Resp: 403646

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 49.91 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 75 Resp: 191357

Ion Ratio Lower Upper

75 100

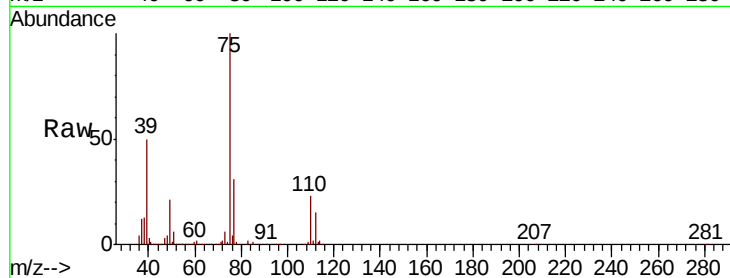
77 30.4 26.5 39.7

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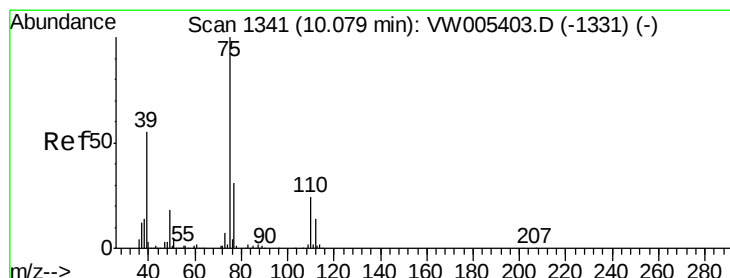
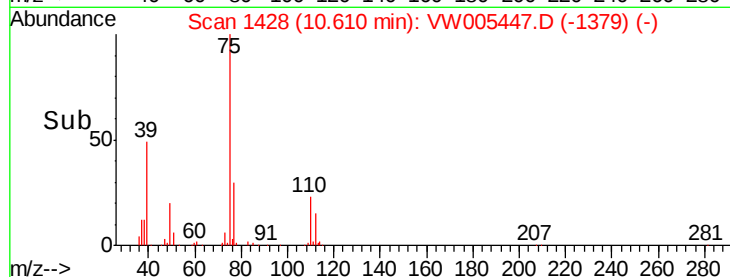
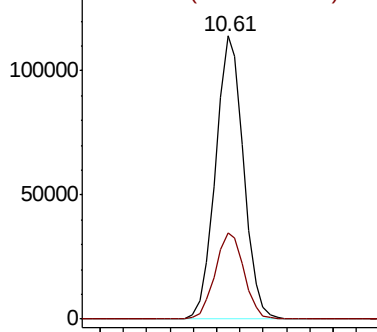
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 50.49 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

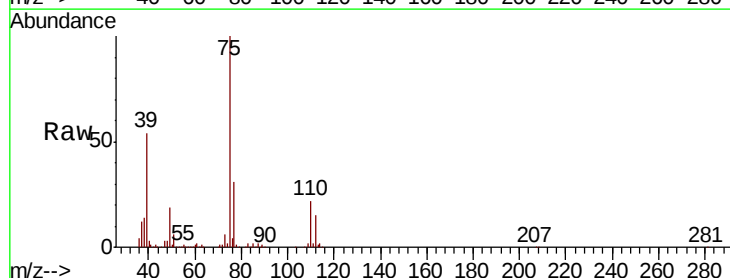
Tgt Ion: 75 Resp: 219168

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

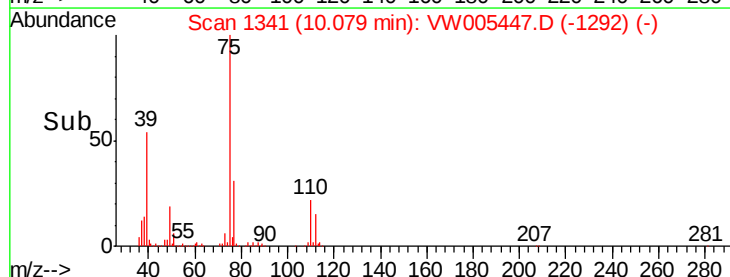
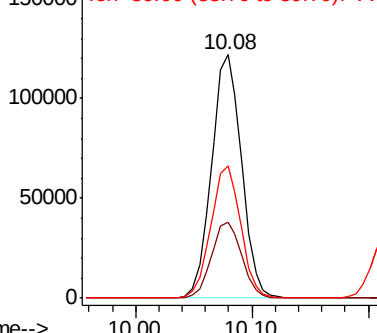
39 54.1 44.2 66.2

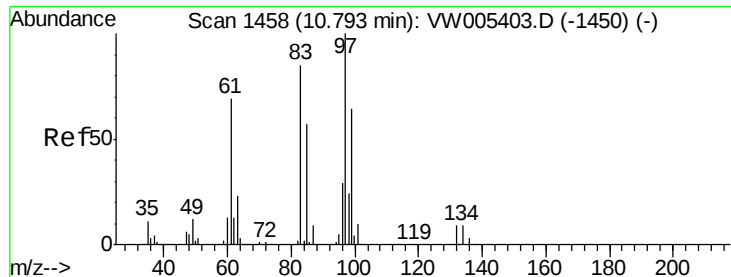


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





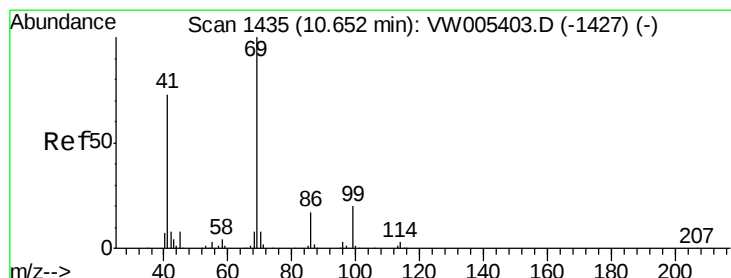
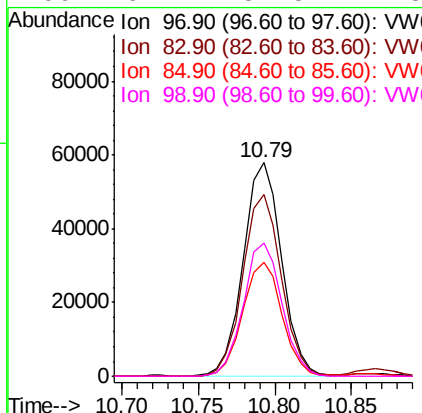
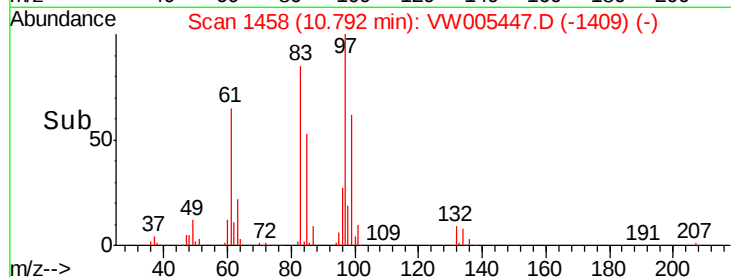
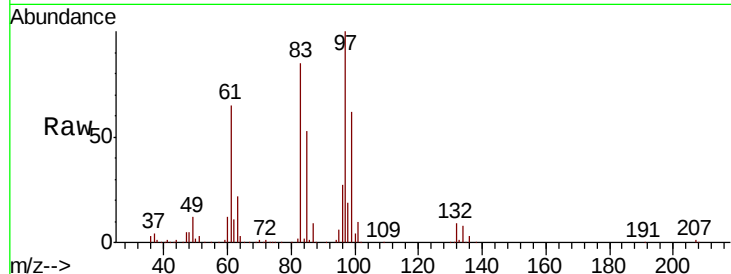
#55
 1,1,2-Trichloroethane
 Concen: 47.85 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	100559
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.8	101.8
85	53.5	45.4	68.0
99	62.4	51.5	77.3

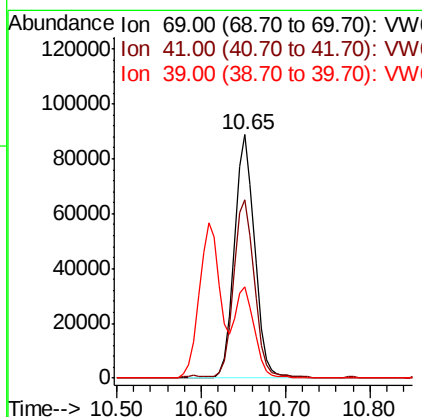
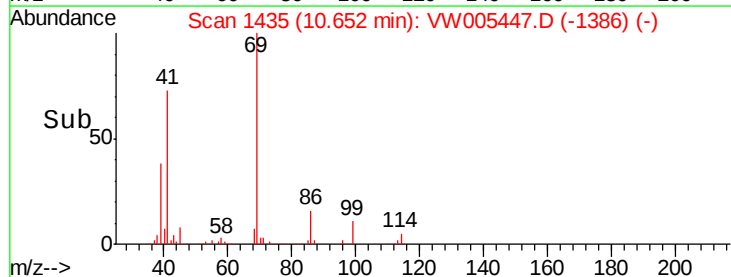
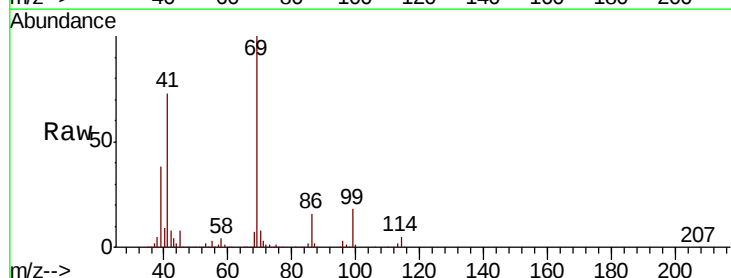
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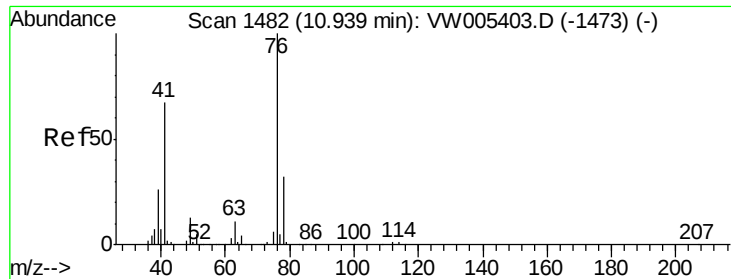
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#56
 Ethyl methacrylate
 Concen: 54.17 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion:	69	Resp:	144103
Ion	Ratio	Lower	Upper
69	100		
41	75.1	59.3	88.9
39	34.8	30.2	45.4





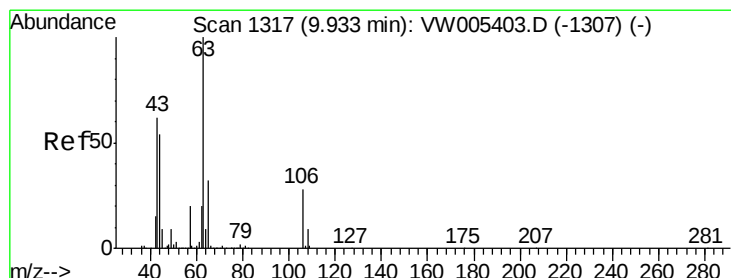
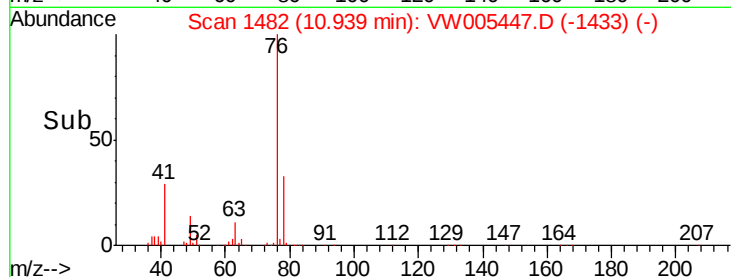
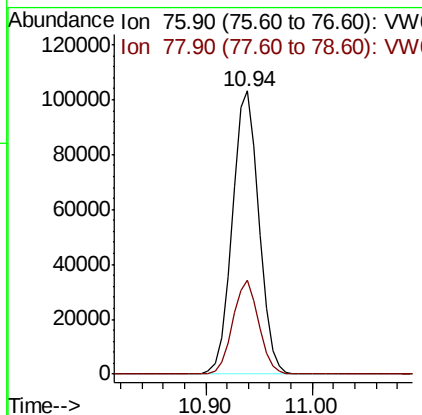
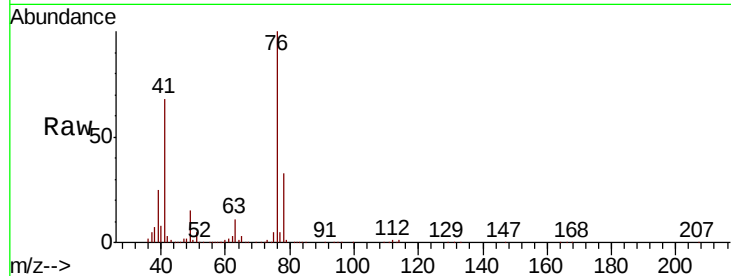
#57
 1,3-Dichloropropane
 Concen: 49.77 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.6	38.4

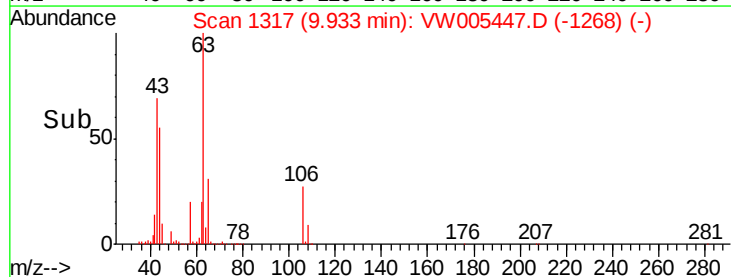
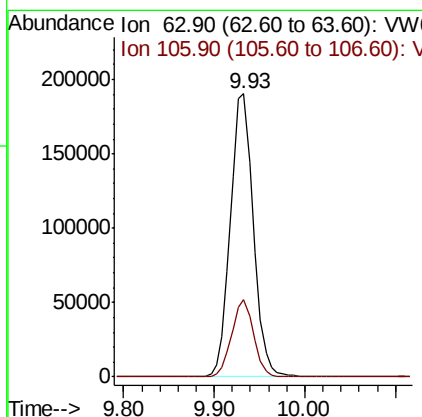
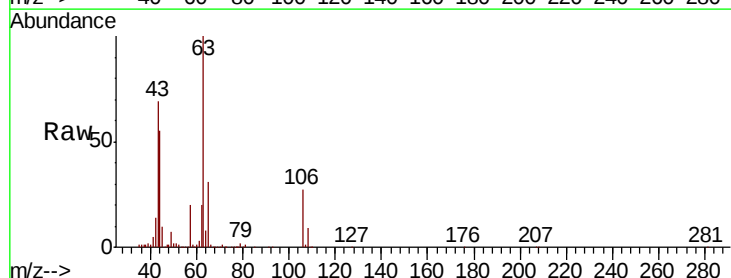
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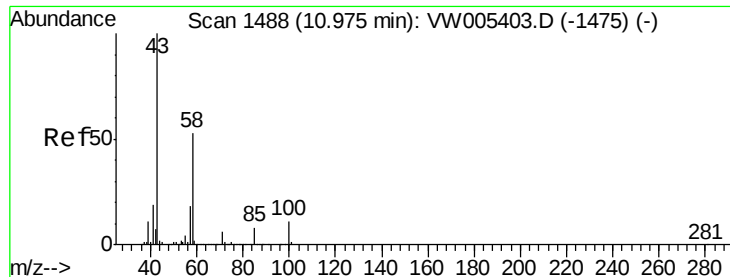
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#58
 2-Chloroethyl Vinyl ether
 Concen: 278.73 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.2	22.0	33.0





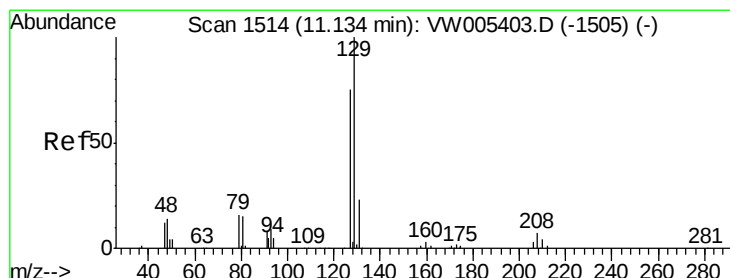
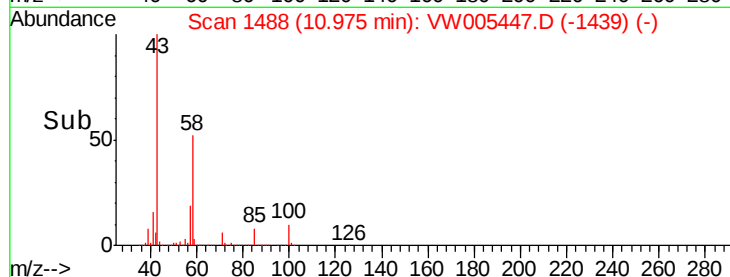
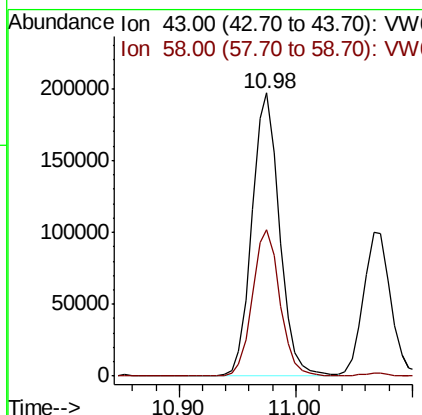
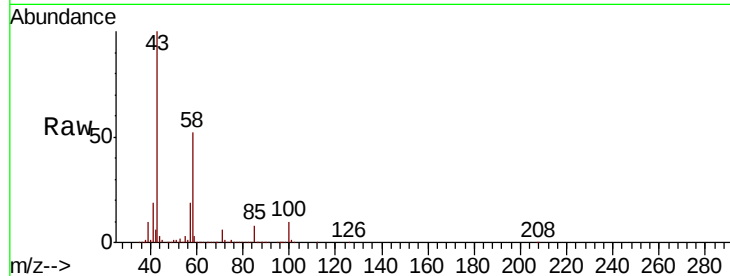
#59
2-Hexanone
Concen: 281.94 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 325868
Ion Ratio Lower Upper
43 100
58 51.7 25.5 76.5

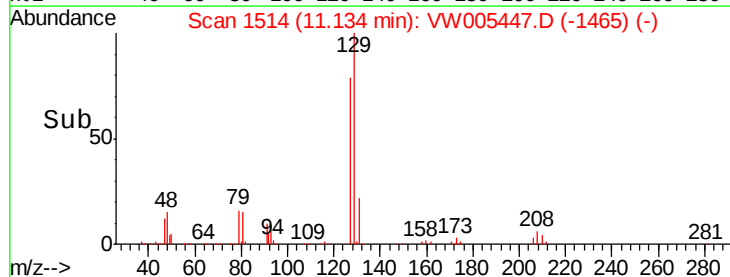
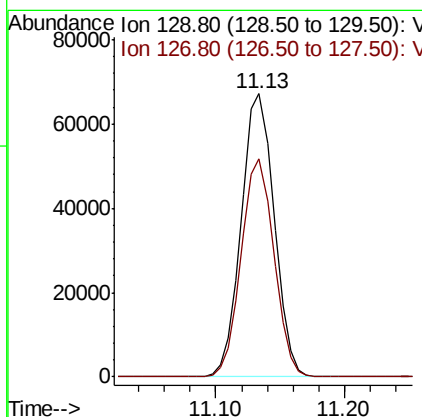
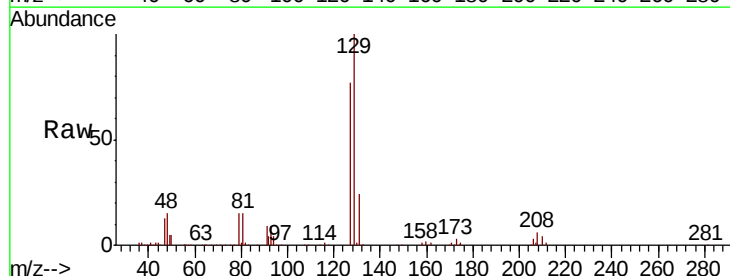
Manual Integrations
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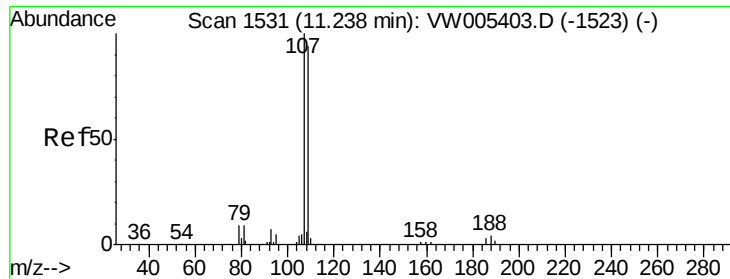
apatel
9/18/2018 2:43:34 PM



#60
Dibromochloromethane
Concen: 47.08 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion: 129 Resp: 119048
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





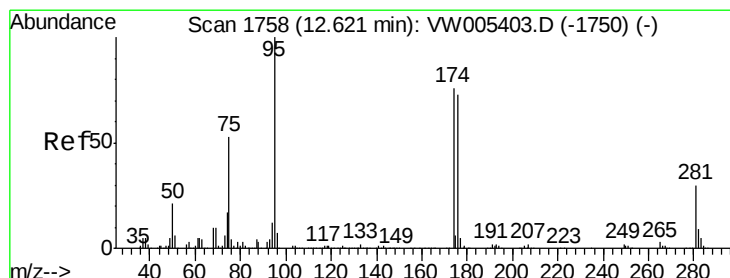
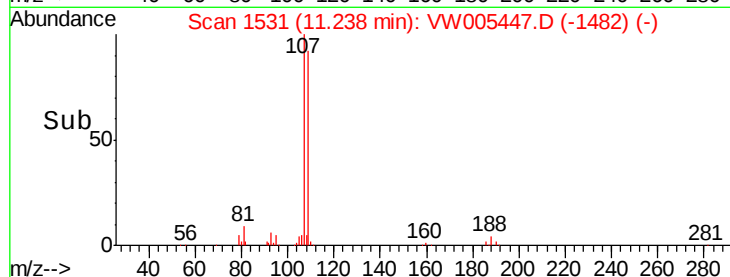
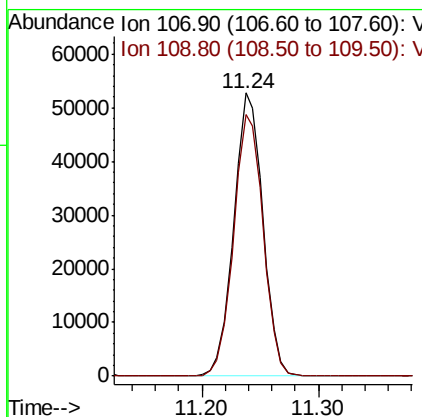
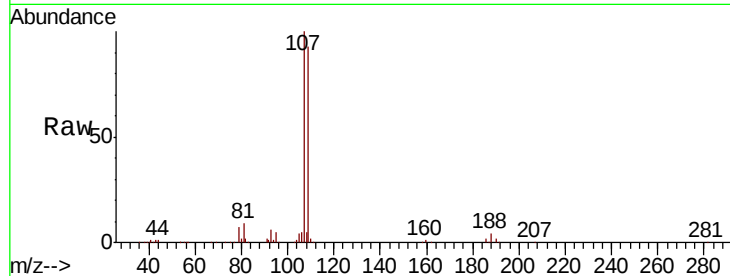
#61
 1,2-Dibromoethane
 Concen: 48.61 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.0	112.6

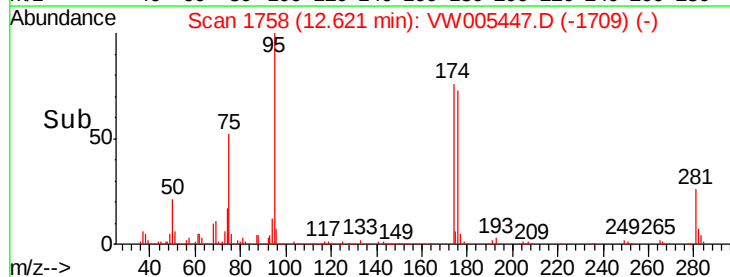
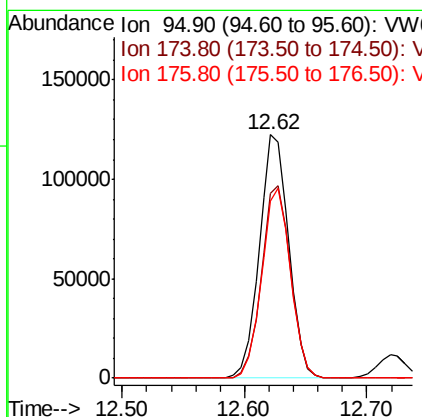
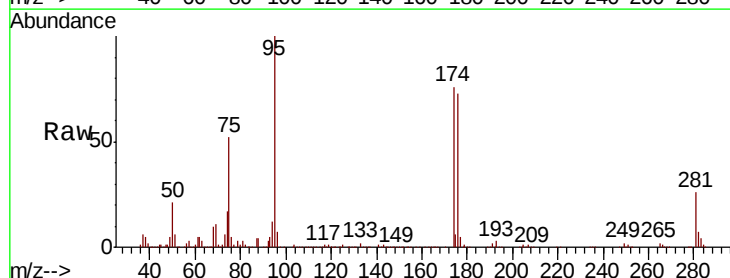
Manual Integrations
 APPROVED

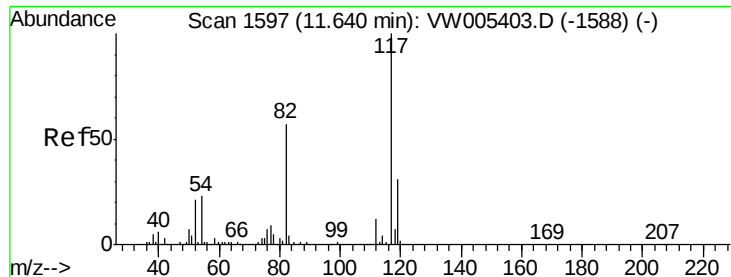
apatel
 9/18/2018 2:43:34 PM



#62
 4-Bromofluorobenzene
 Concen: 49.25 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	161.2
176	76.9	0.0	156.6





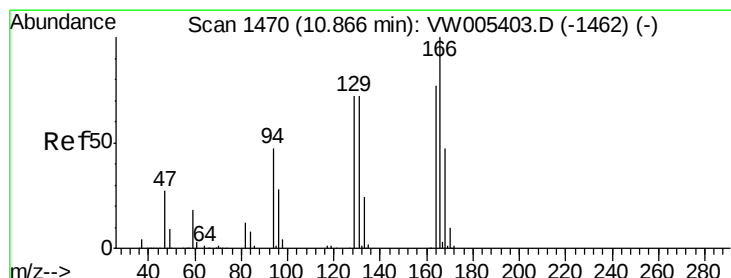
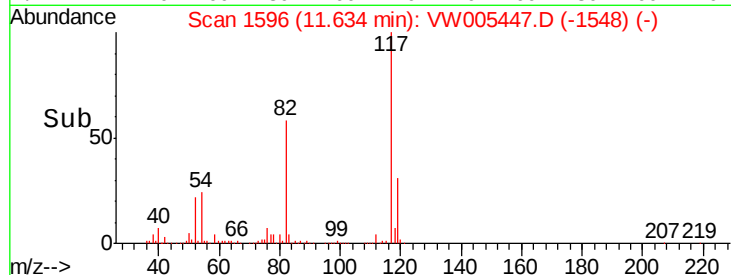
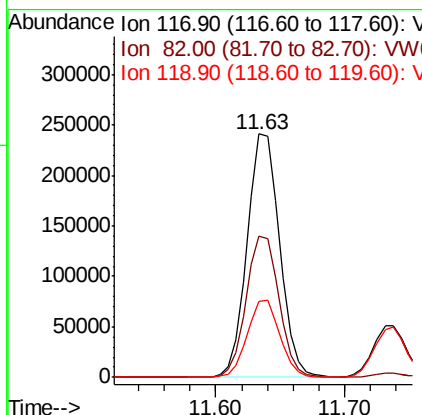
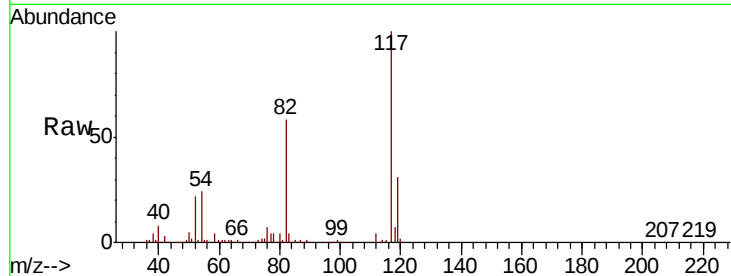
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	419597		
82	57.9		45.9	68.9
119	31.4		24.8	37.2

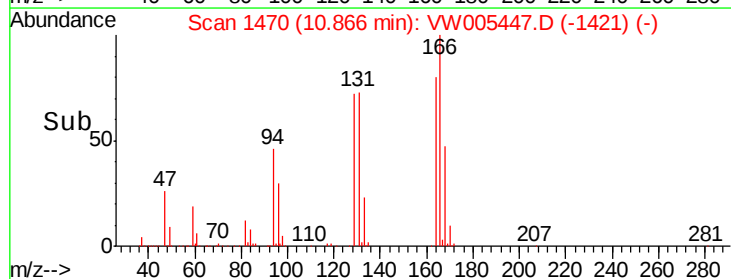
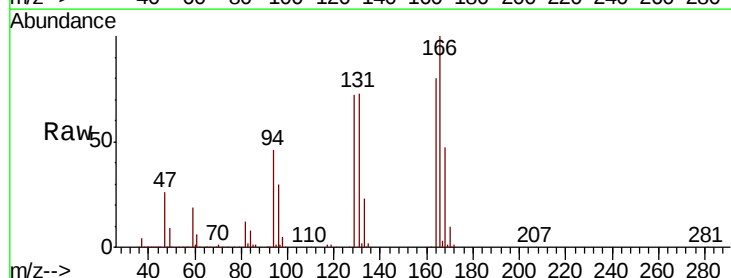
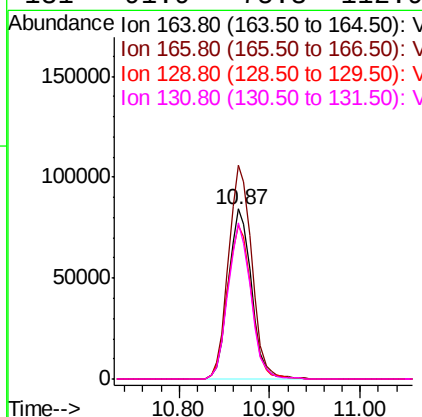
Manual Integrations
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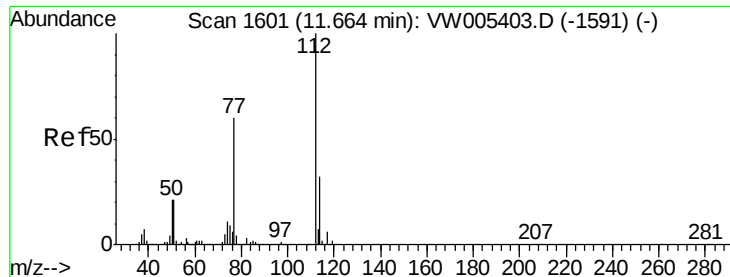
apatel
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#64
Tetrachloroethene
Concen: 48.10 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149149		
166	125.5		104.0	156.0
129	90.6		74.9	112.3
131	91.9		75.3	112.9





#65

Chlorobenzene

Concen: 48.92 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 435613

Ion Ratio Lower Upper

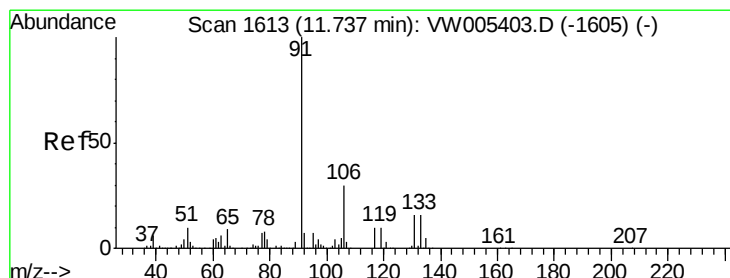
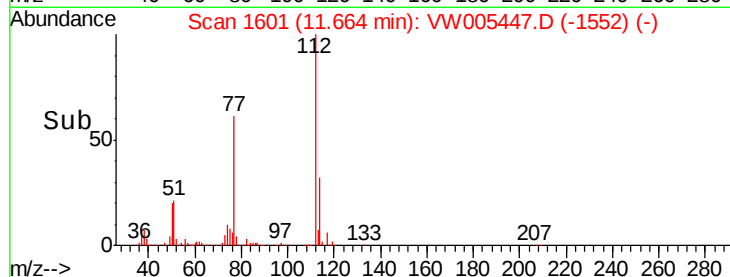
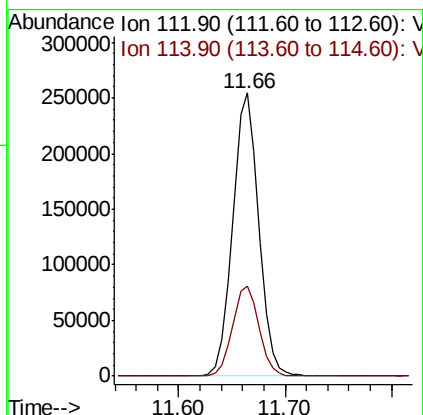
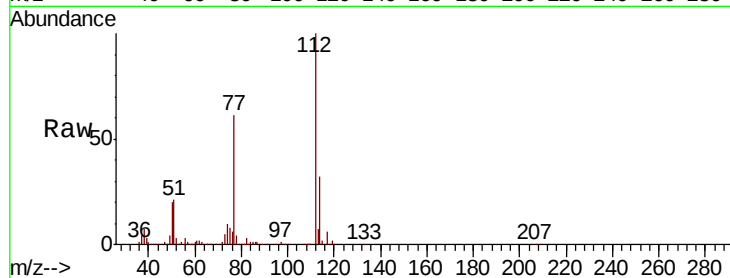
112 100

114 32.0 25.3 37.9

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 47.68 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

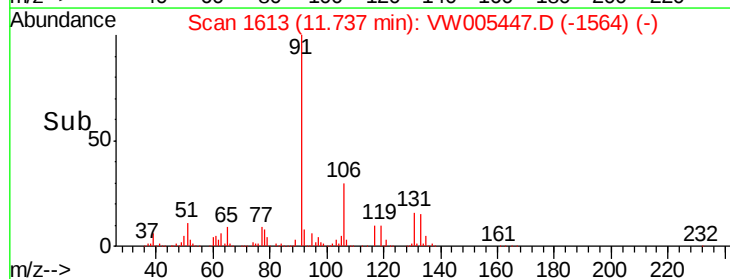
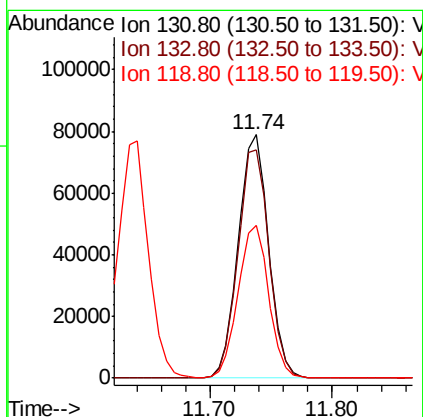
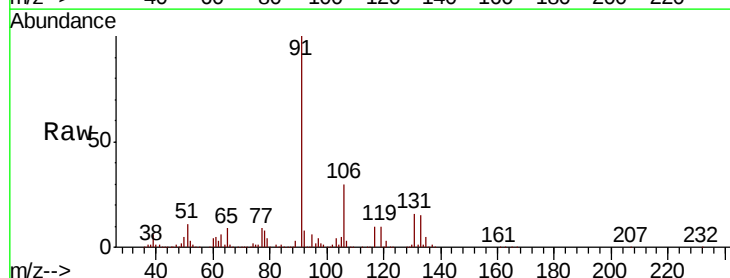
Tgt Ion:131 Resp: 135696

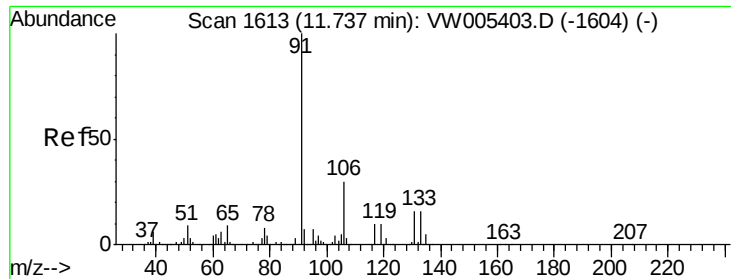
Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.9

119 63.5 31.1 93.5





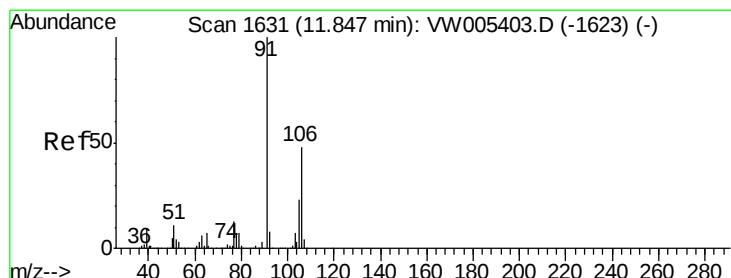
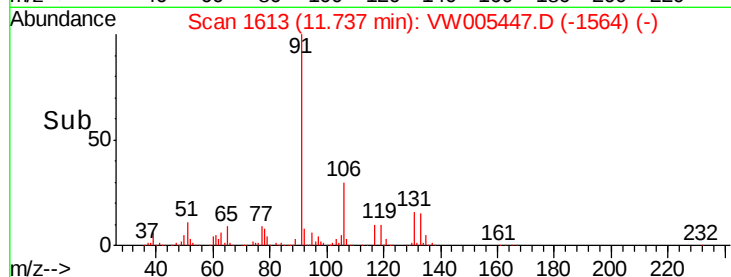
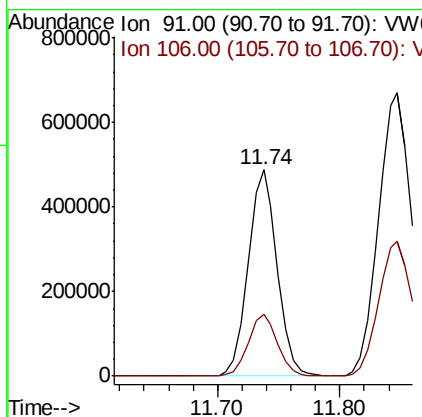
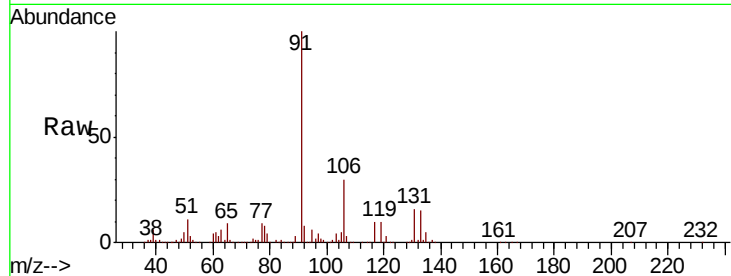
#67
Ethyl Benzene
Concen: 51.09 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.2	36.4

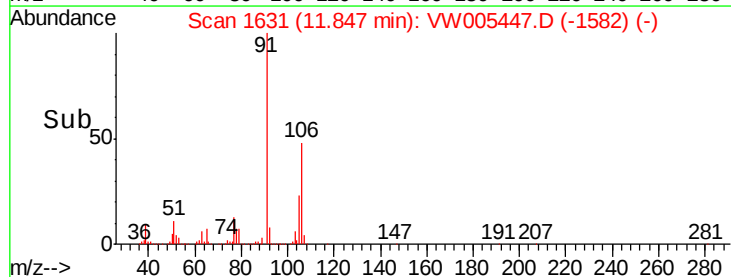
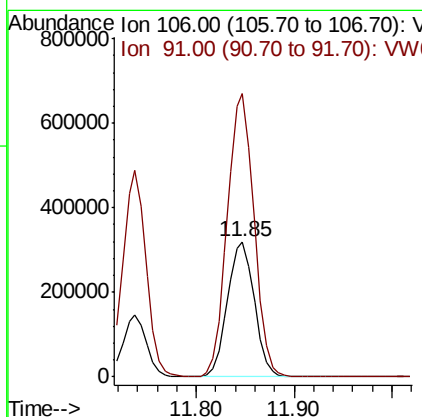
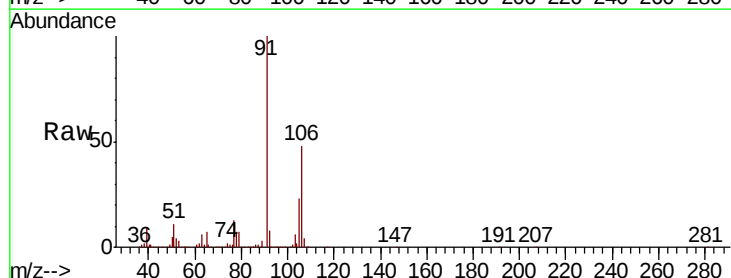
Manual Integrations
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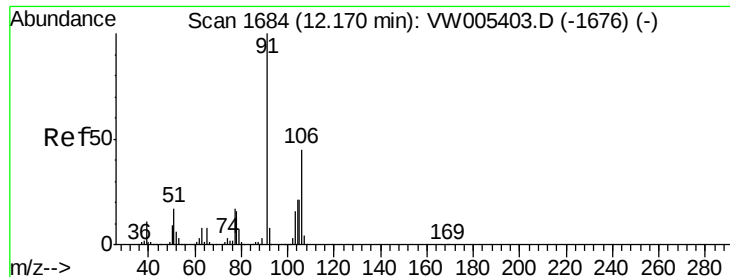
apatel
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#68
m/p-Xylenes
Concen: 100.92 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.7	167.9	251.9





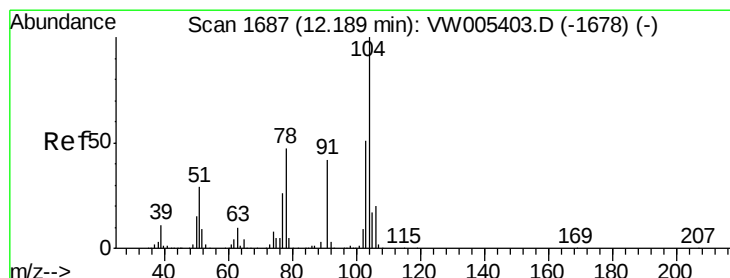
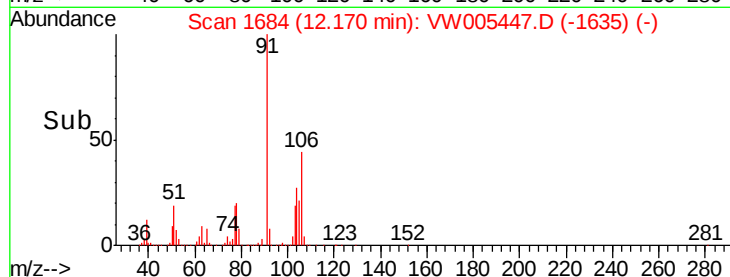
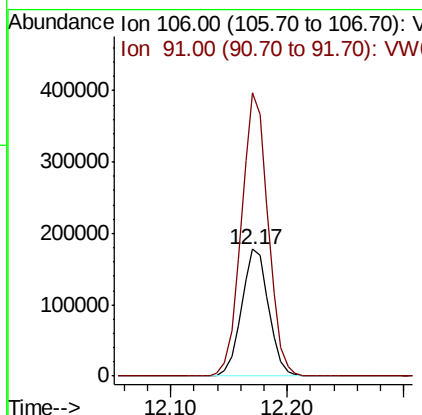
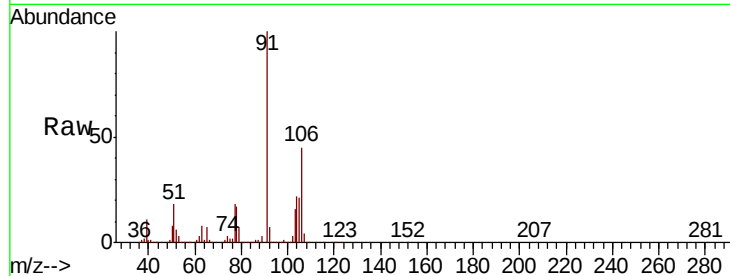
#69
o-Xylene
Concen: 51.33 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	220.5	110.6	331.6	

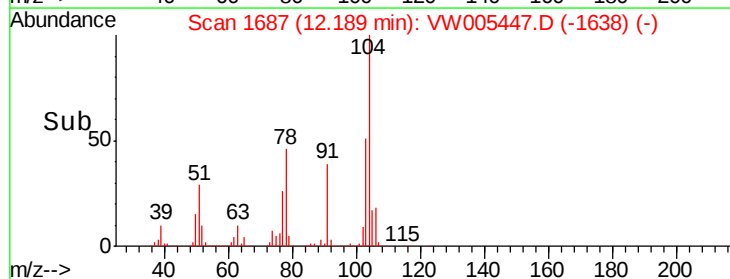
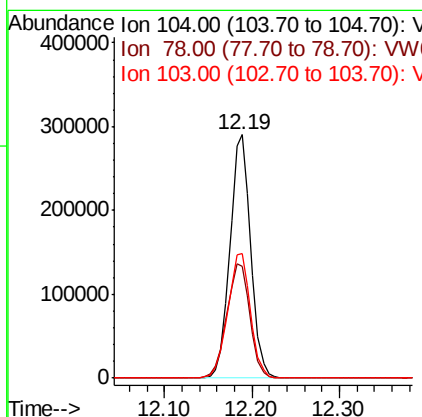
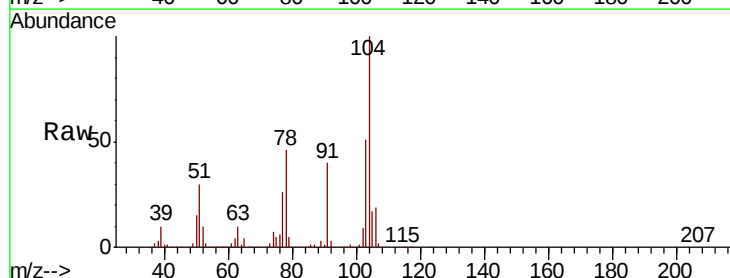
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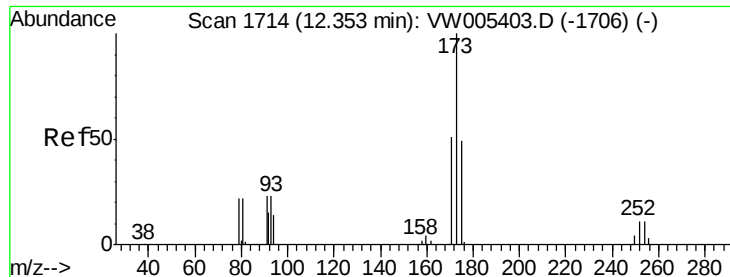
apatel
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#70
Styrene
Concen: 51.84 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.1	42.4	63.6	
103	55.8	44.8	67.2	





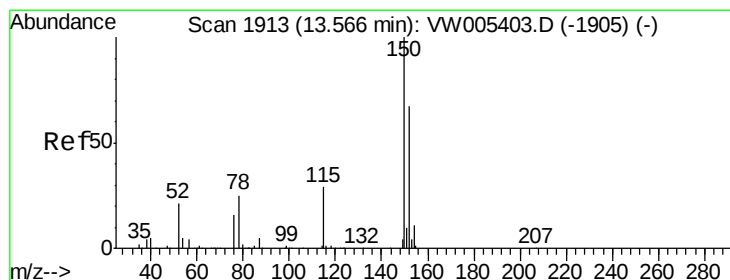
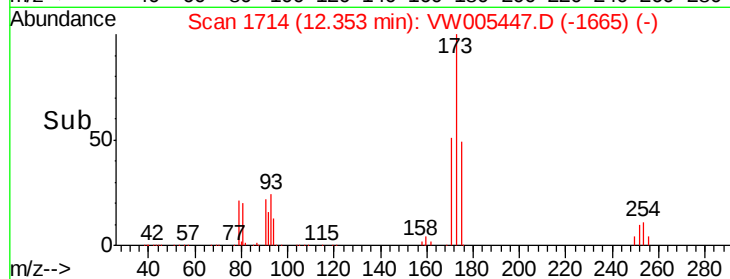
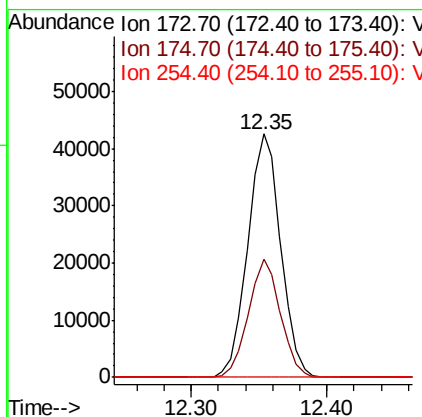
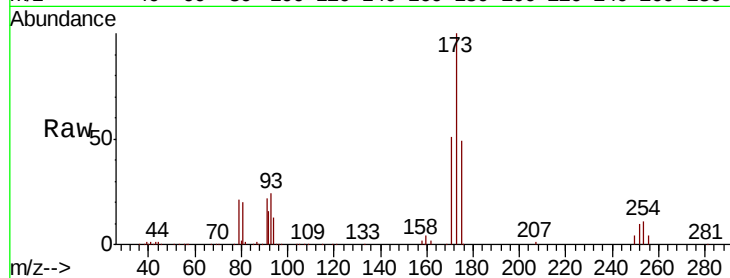
#71
Bromoform
Concen: 47.89 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.2	72.6
254	0.2	0.0	0.0#

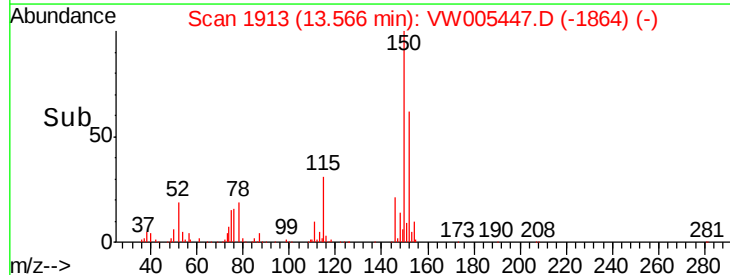
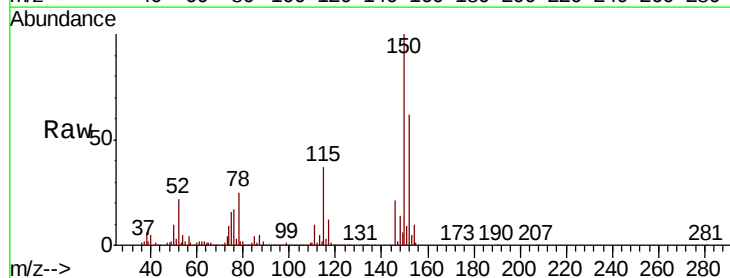
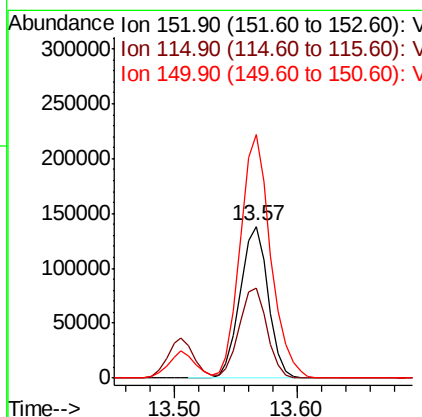
Manual Integrations
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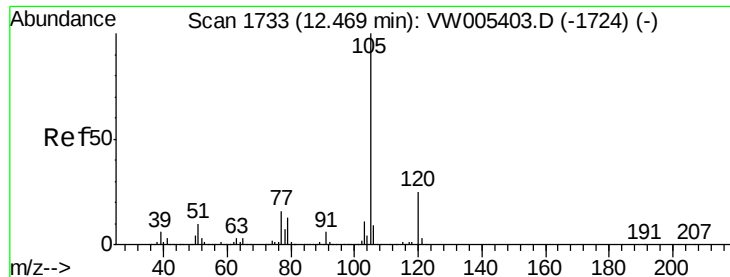
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.5	88.5
150	174.4	0.0	345.6





#73

Isopropylbenzene

Concen: 51.57 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 792086

Ion Ratio Lower Upper

105 100

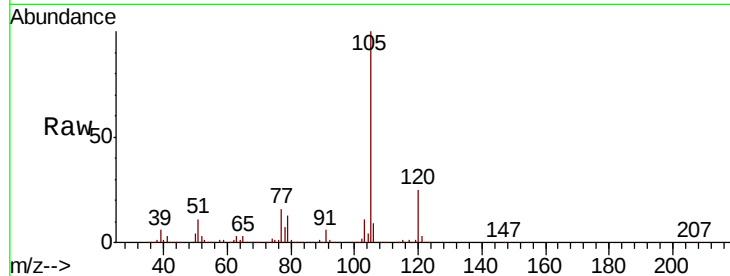
120 25.7 12.9 38.6

Manual Integrations

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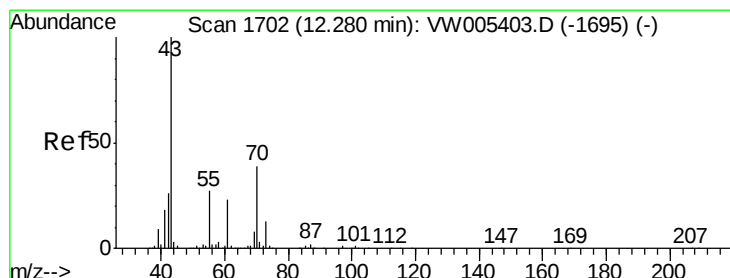
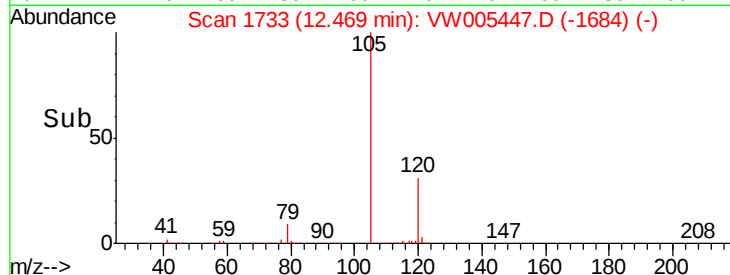
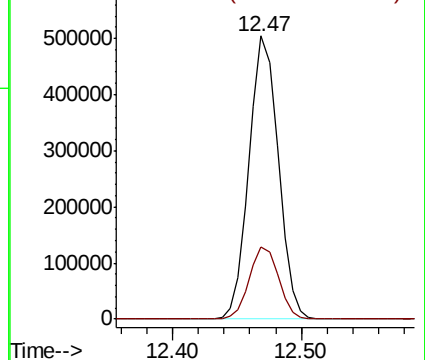
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.99 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion: 43 Resp: 184452

Ion Ratio Lower Upper

43 100

70 37.8 31.9 47.9

55 24.7 21.4 32.0

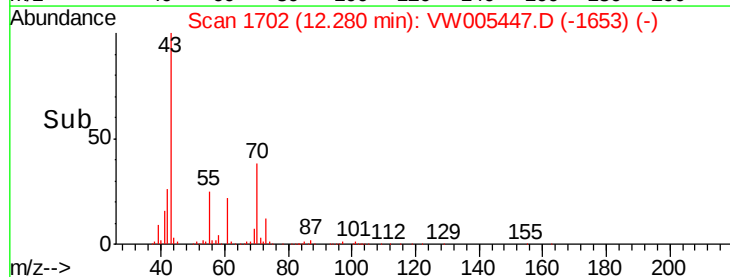
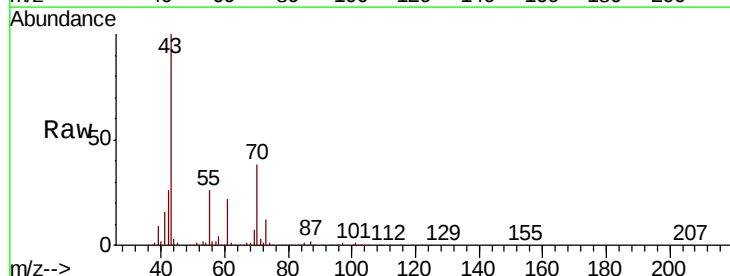
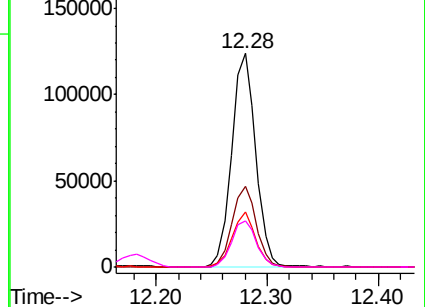
61 22.4 18.3 27.5

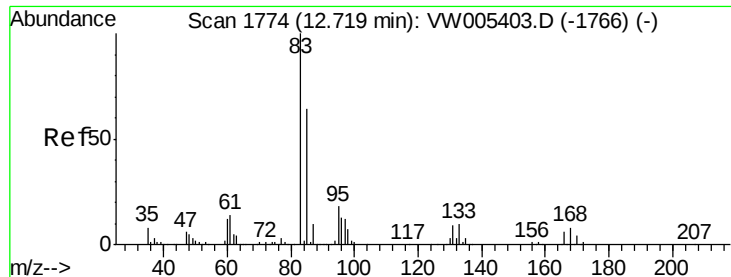
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 53.19 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 119172

Ion Ratio Lower Upper

83 100

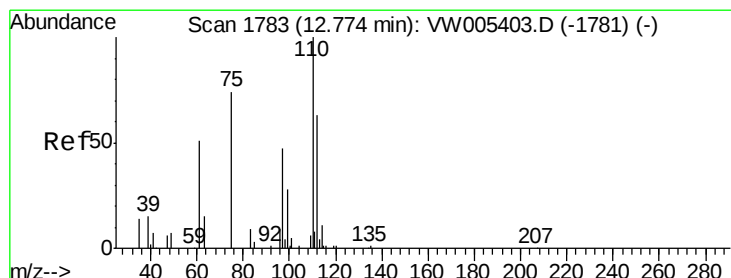
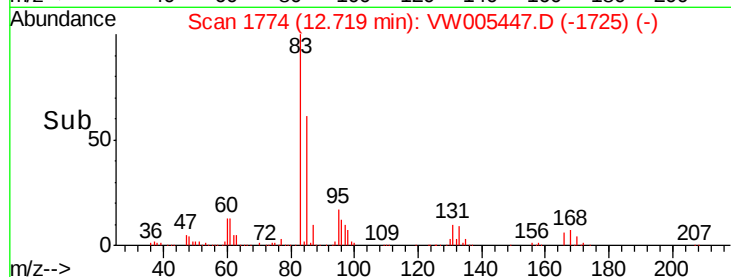
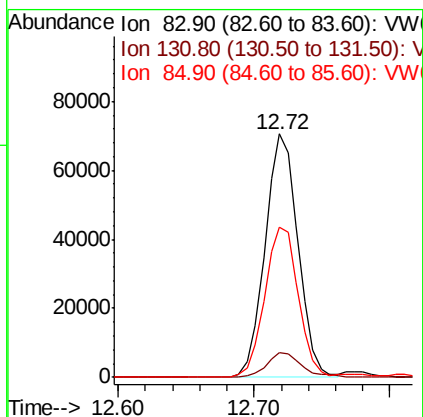
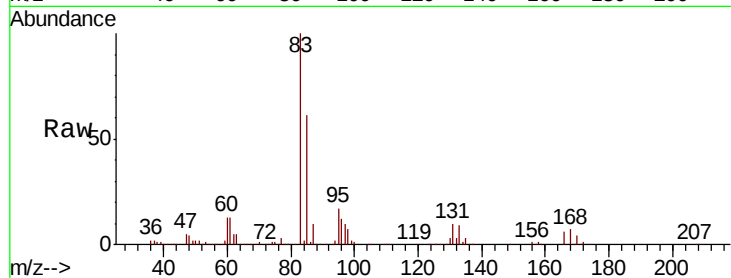
131 10.7 5.7 17.1

85 63.1 31.6 95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.25 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005447.D

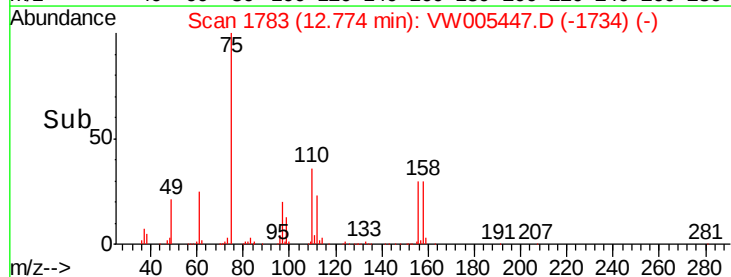
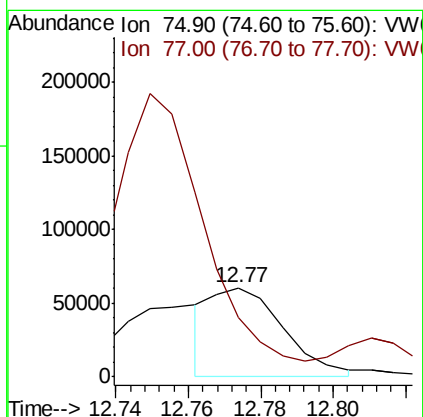
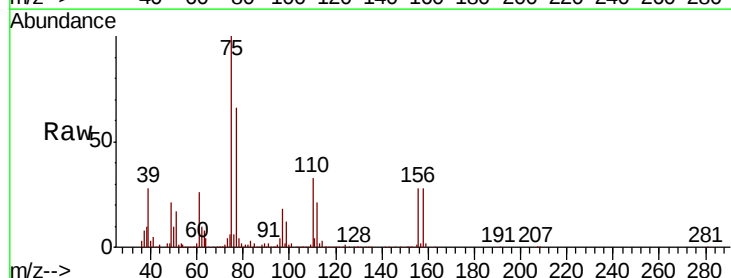
Acq: 17 Sep 2018 21:24

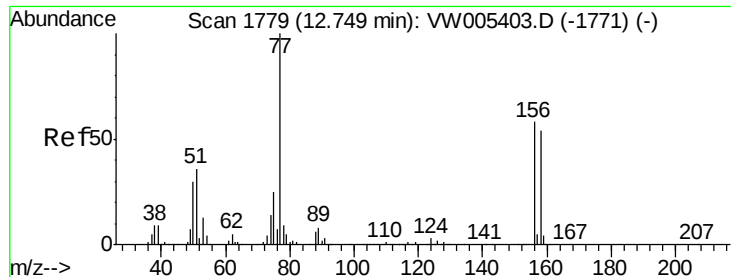
Tgt Ion: 75 Resp: 85089

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.78 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

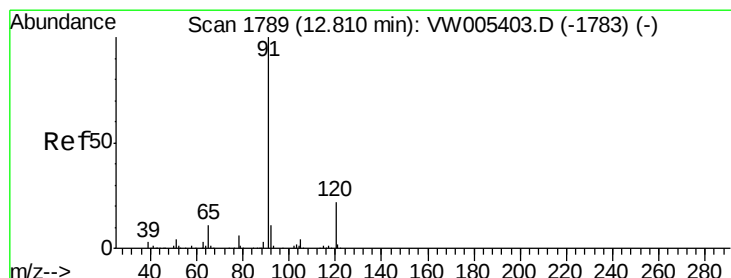
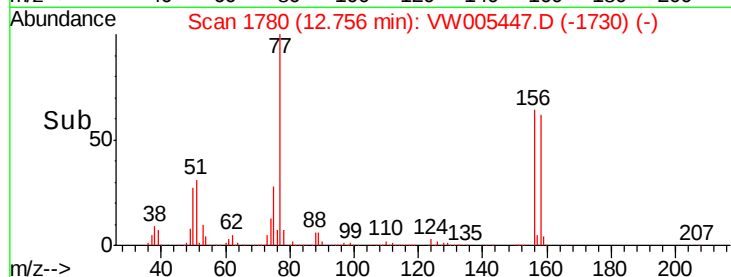
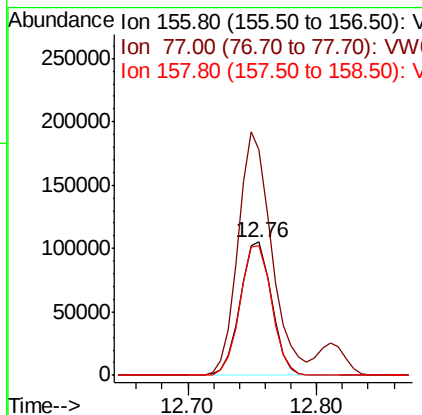
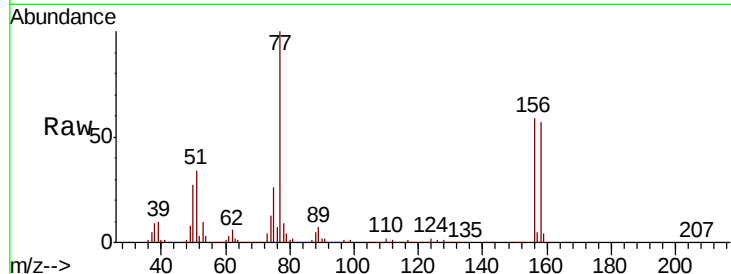
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	177124
Ion Ratio	Lower	Upper	
156	100		
77	195.6	92.8	278.3
158	98.0	48.2	144.6

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#78

n-propylbenzene

Concen: 52.30 ug/l

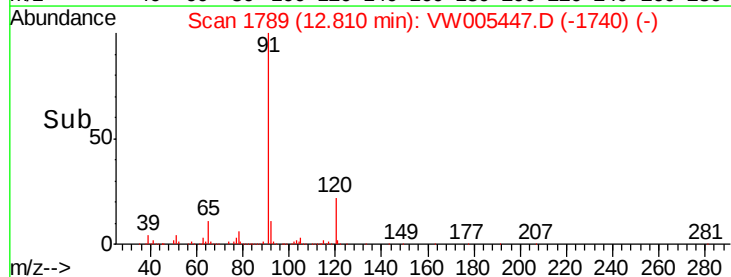
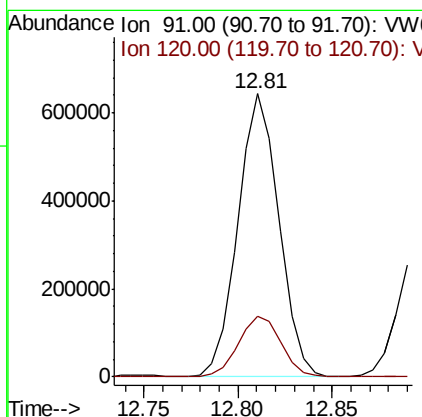
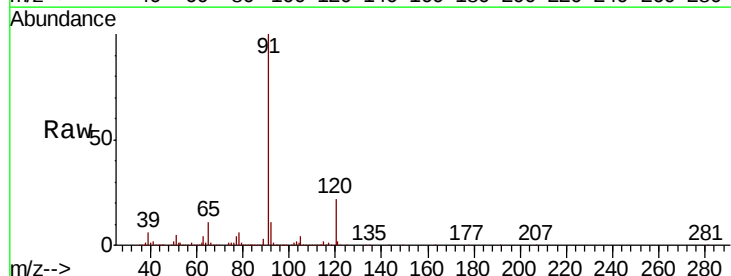
RT: 12.81 min Scan# 1789

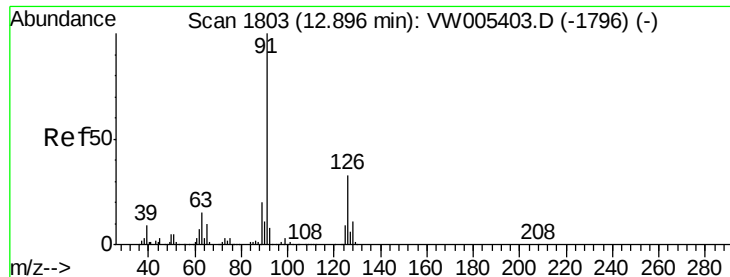
Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion:	91	Resp:	969514
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.3	33.8





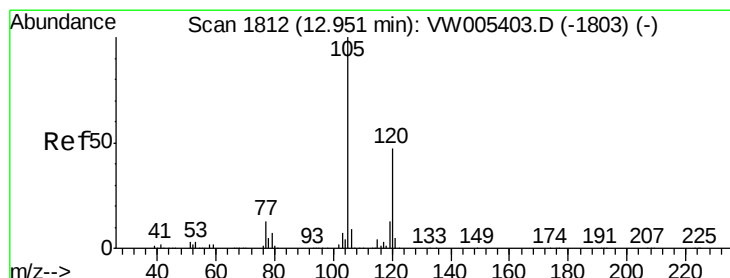
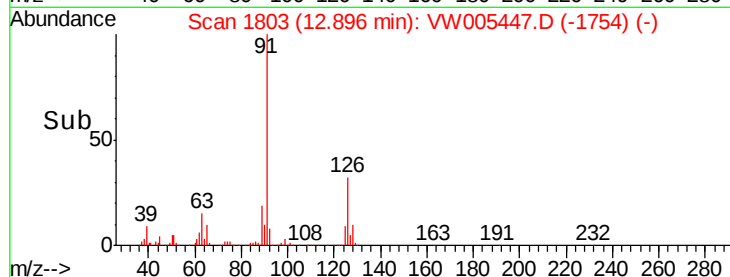
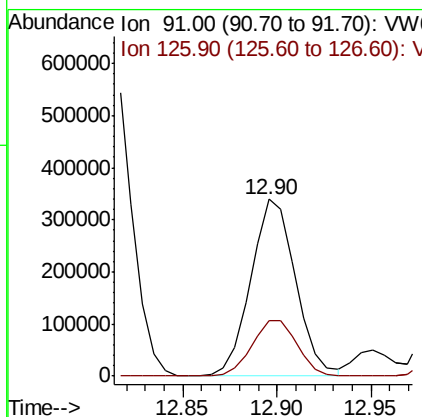
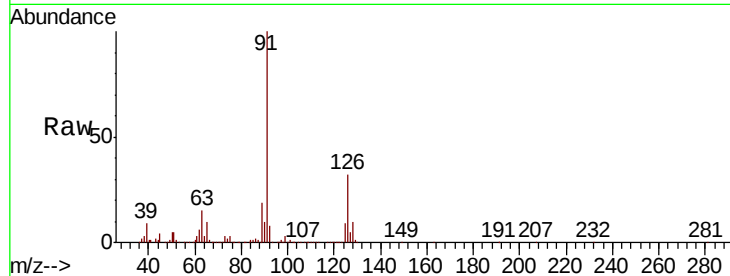
#79
 2-Chlorotoluene
 Concen: 50.96 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 557305
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.1

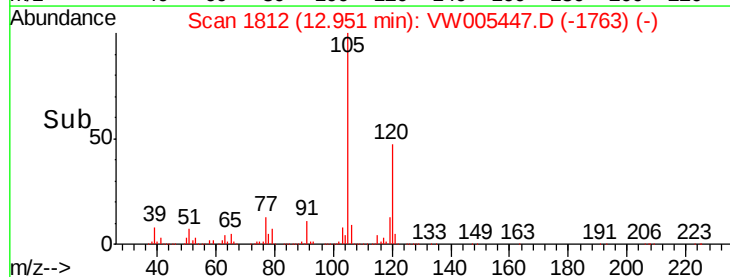
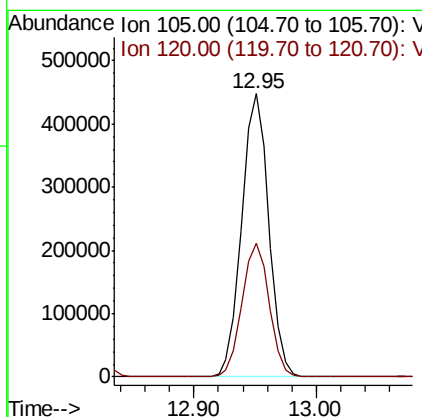
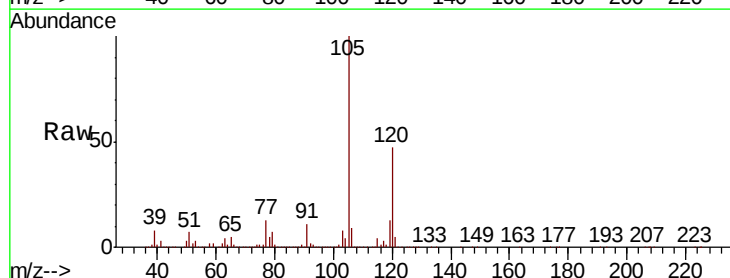
Manual Integrations
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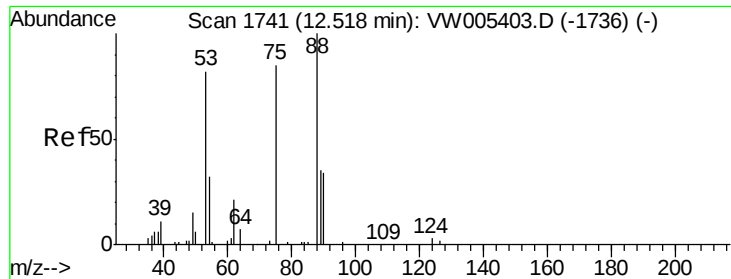
apatel
 9/18/2018 2:43:34 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.19 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion:105 Resp: 686021
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 52.36 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 36349

Ion Ratio Lower Upper

75 100

53 103.1 83.2 124.8

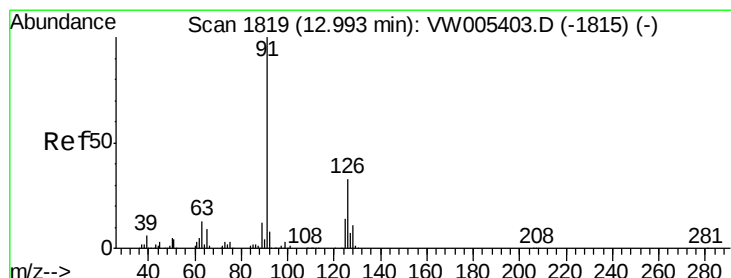
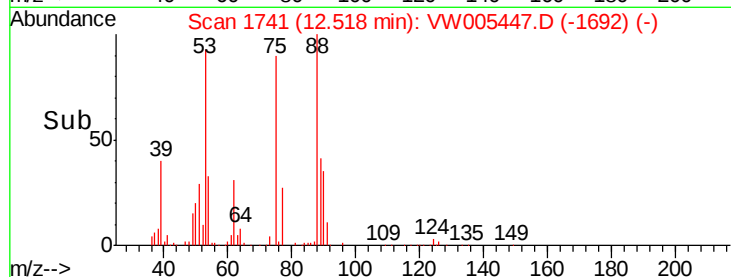
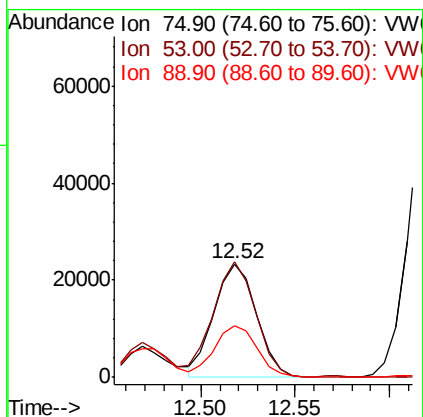
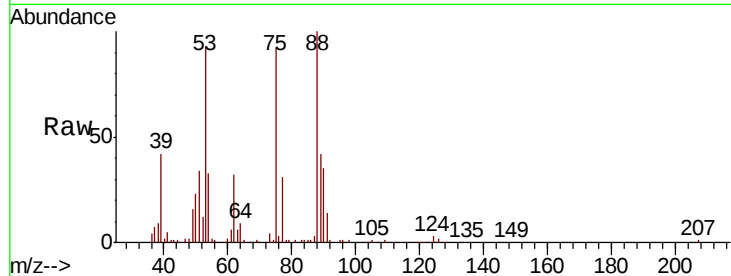
89 46.3 36.6 54.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 50.34 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005447.D

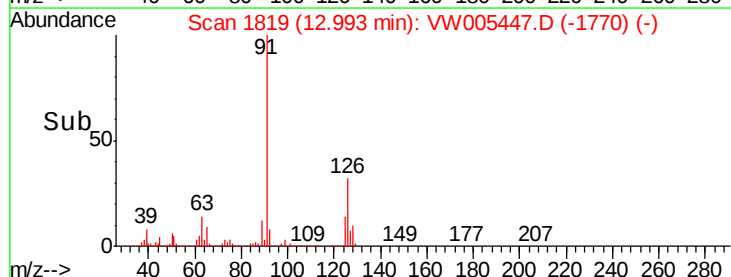
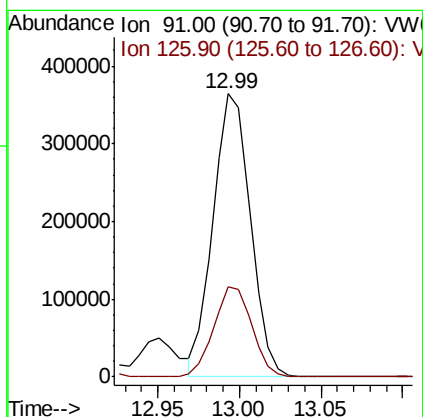
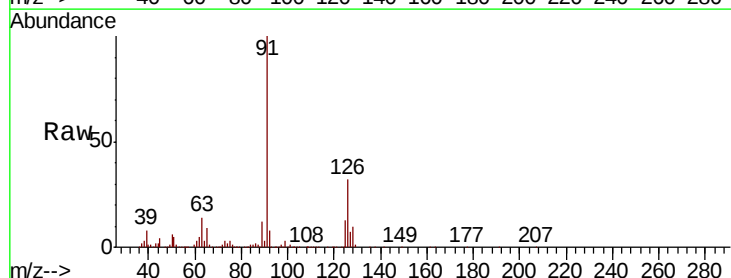
Acq: 17 Sep 2018 21:24

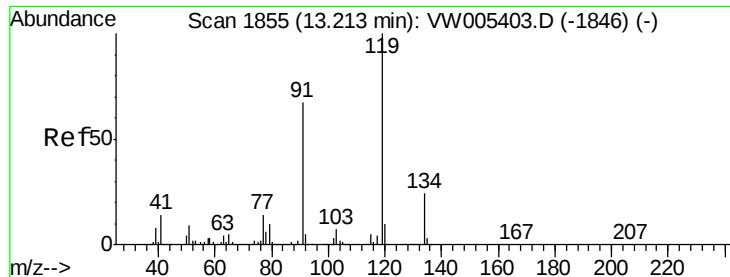
Tgt Ion: 91 Resp: 581156

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1





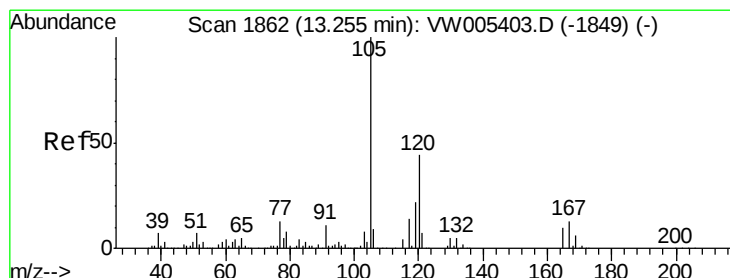
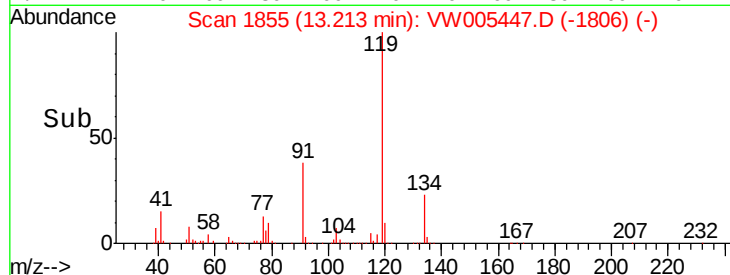
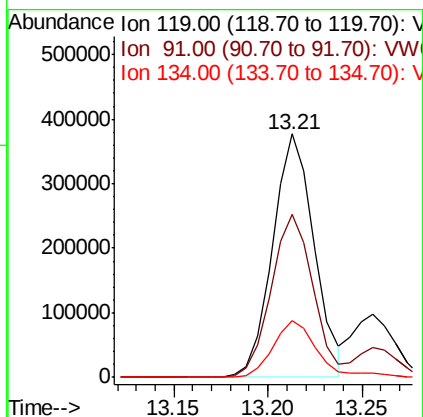
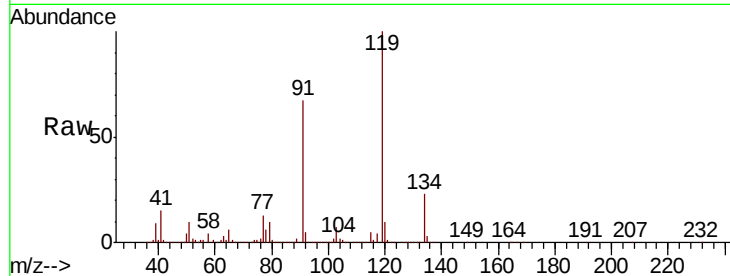
#83
 tert-Butylbenzene
 Concen: 51.82 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	34.4	103.2
134	25.0	12.7	38.0

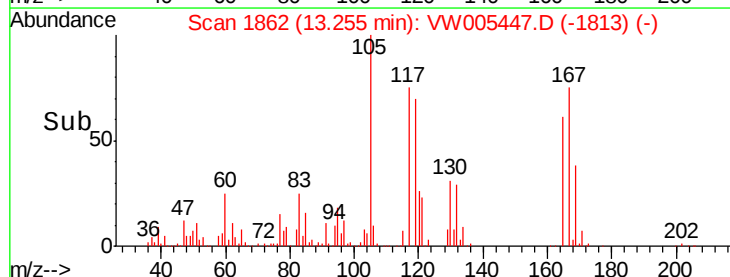
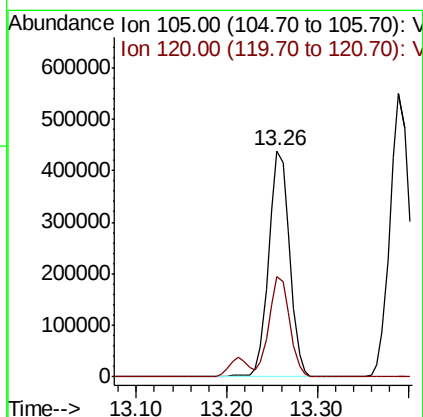
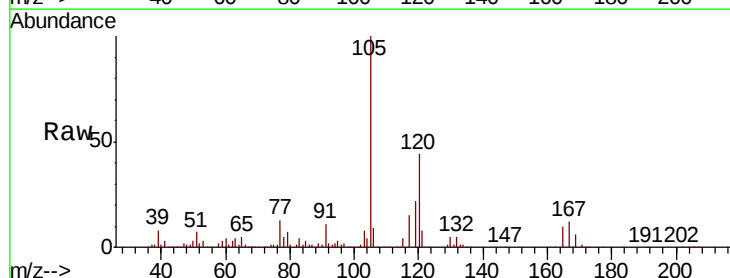
Manual Integrations
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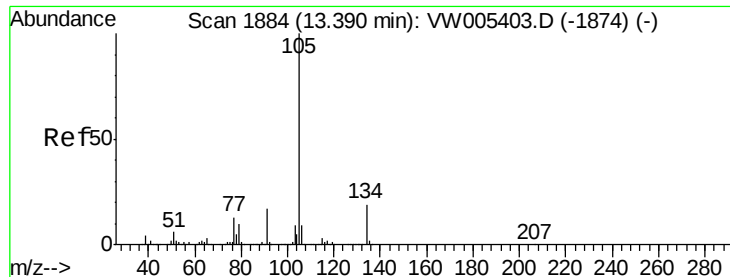
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.23 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.8	65.3





#85

sec-Butylbenzene

Concen: 51.74 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 832244

Ion Ratio Lower Upper

105 100

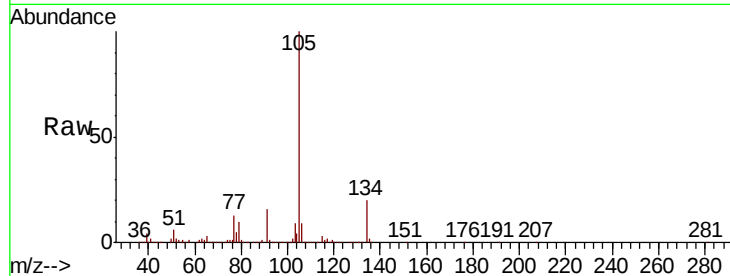
134 19.5 9.8 29.5

Manual Integrations

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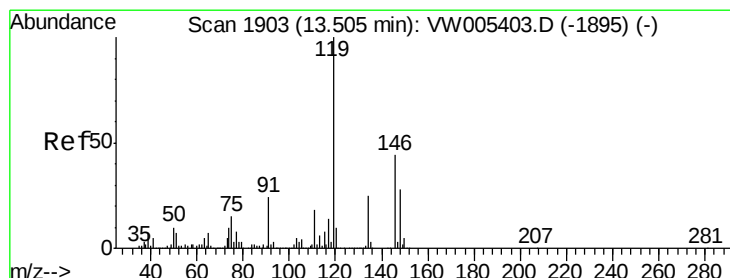
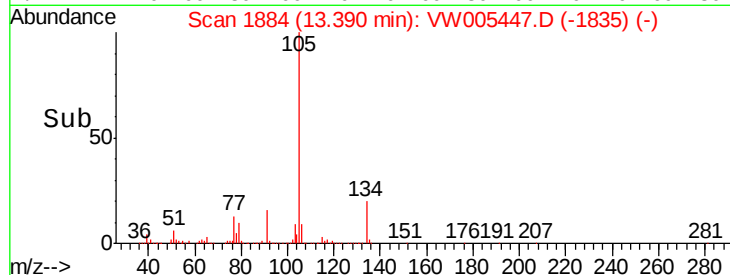
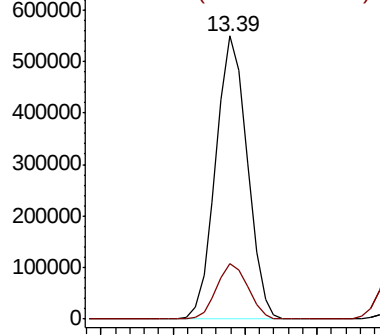
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.72 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

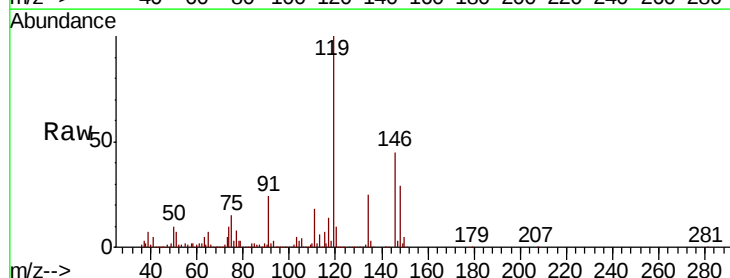
Tgt Ion:119 Resp: 743934

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

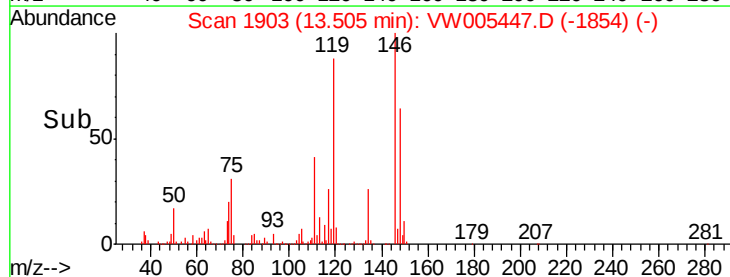
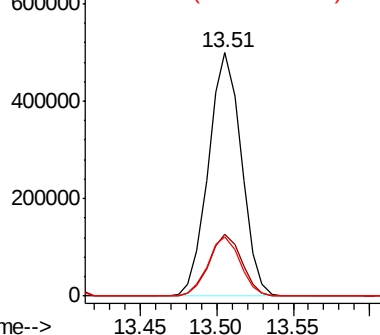
91 24.0 12.0 36.0

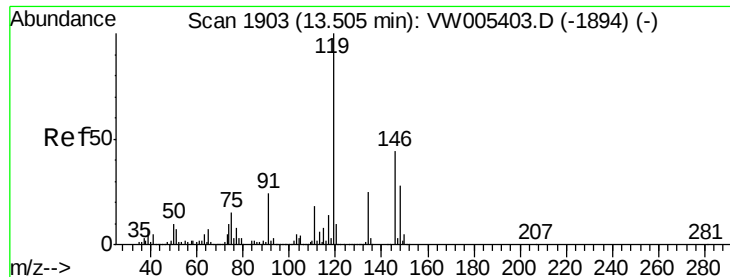


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





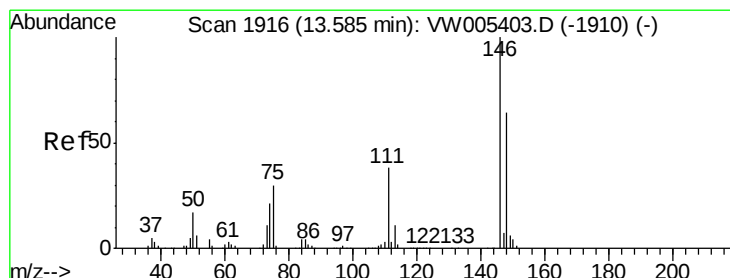
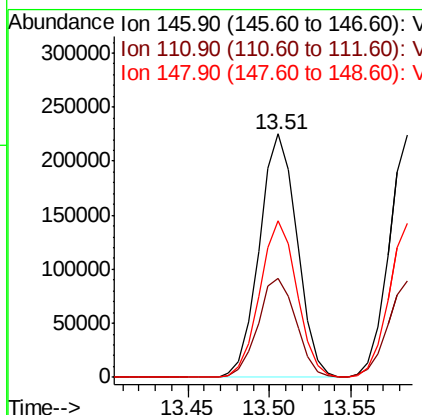
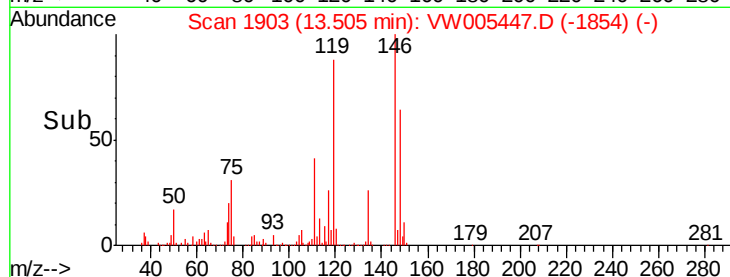
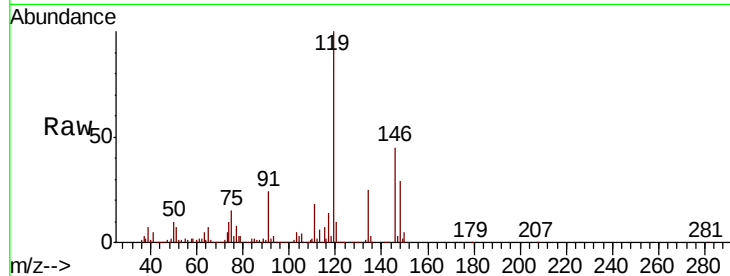
#87
 1,3-Dichlorobenzene
 Concen: 49.15 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	63.4	32.0	96.0

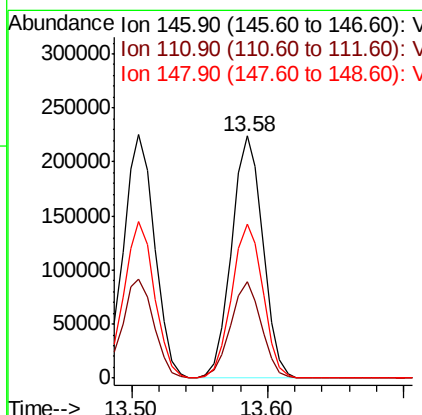
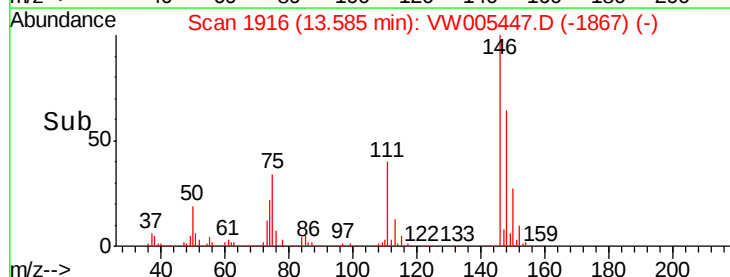
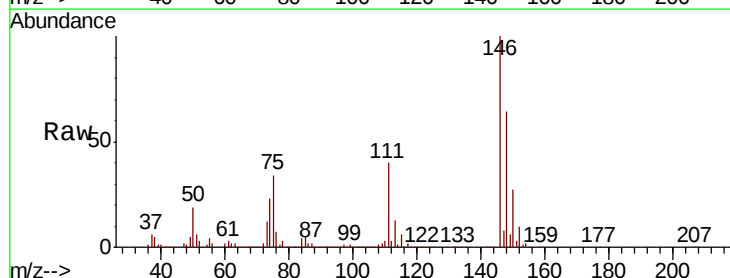
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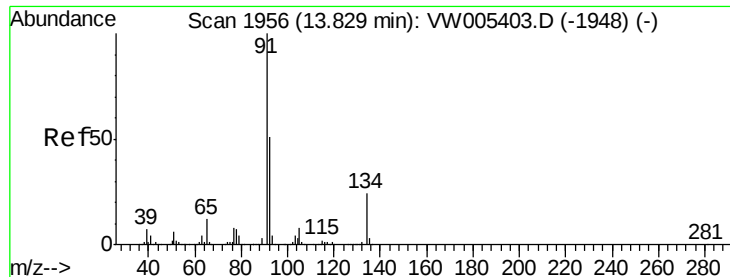
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#88
 1,4-Dichlorobenzene
 Concen: 49.24 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	63.9	31.8	95.4





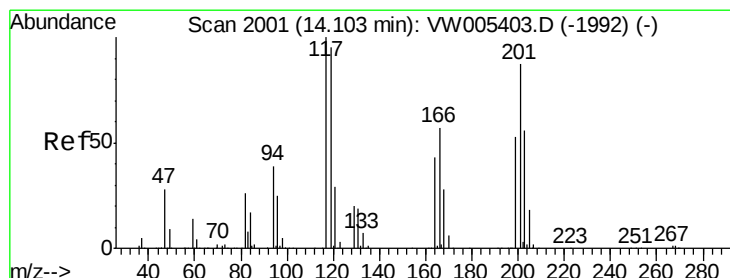
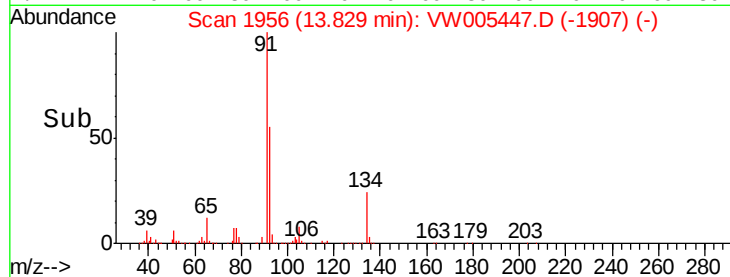
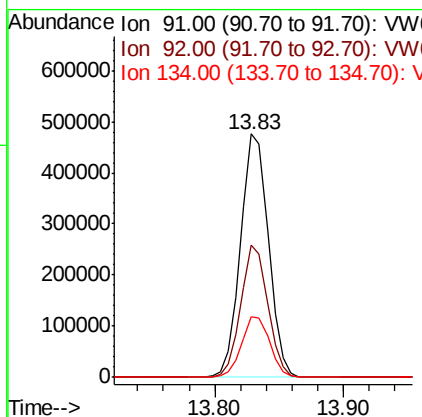
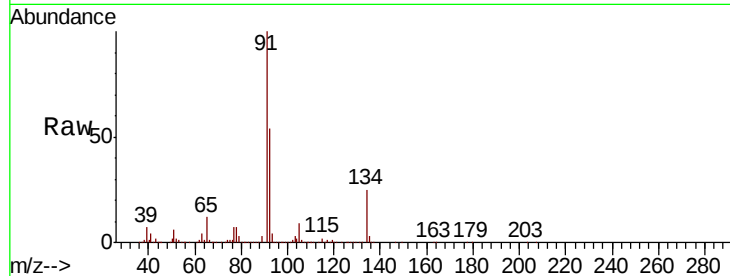
#89
n-Butylbenzene
Concen: 53.01 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.2	78.6
134	25.1	12.7	38.1

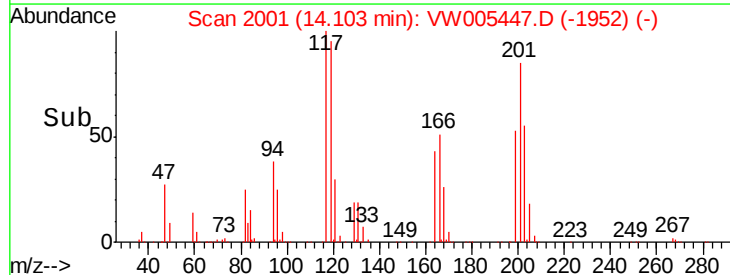
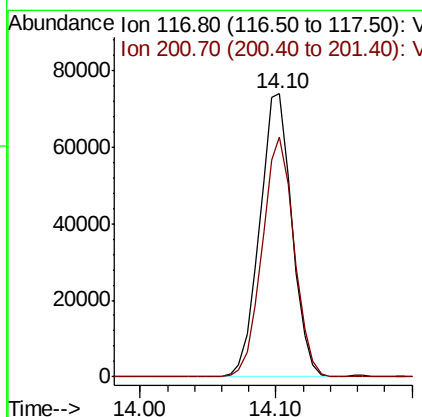
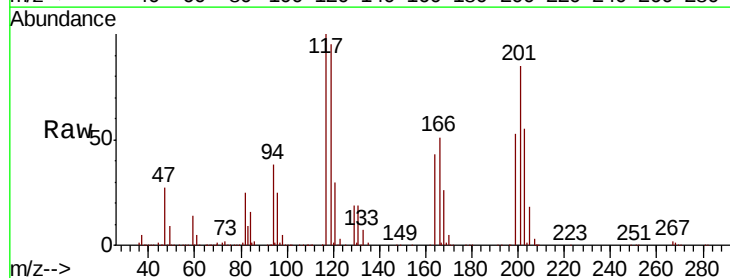
Manual Integrations
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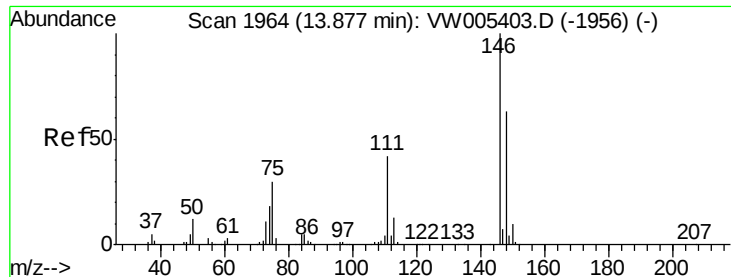
apatel
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#90
Hexachloroethane
Concen: 49.86 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005447.D
Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	42.5	127.5





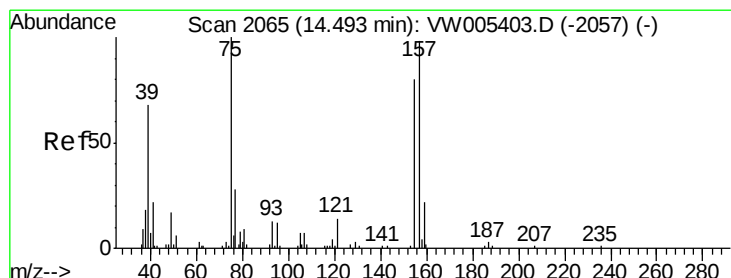
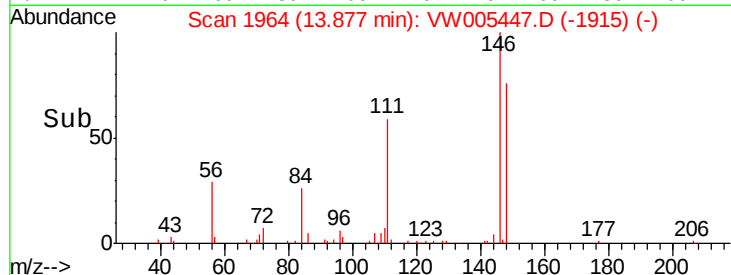
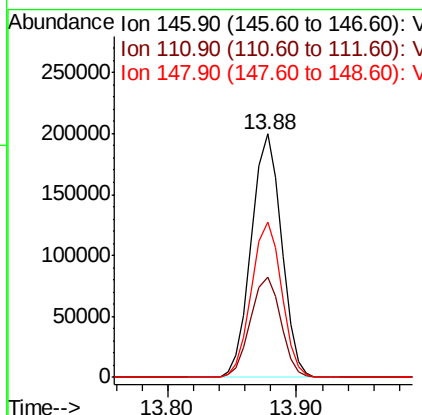
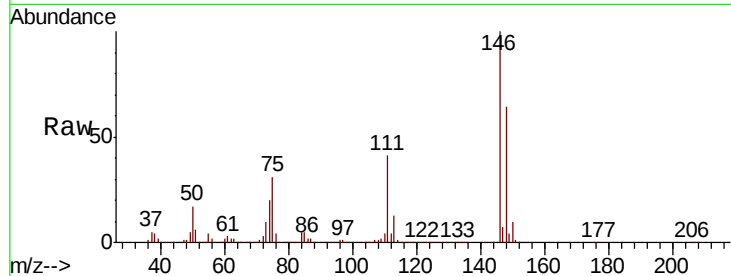
#91
 1,2-Dichlorobenzene
 Concen: 50.26 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.0	63.0
148	63.9	31.9	95.9

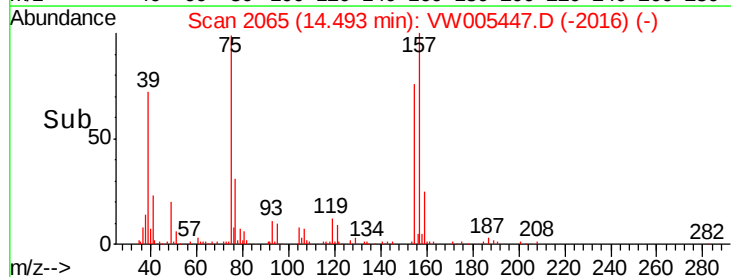
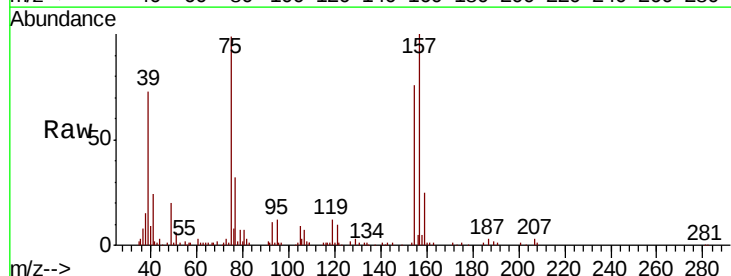
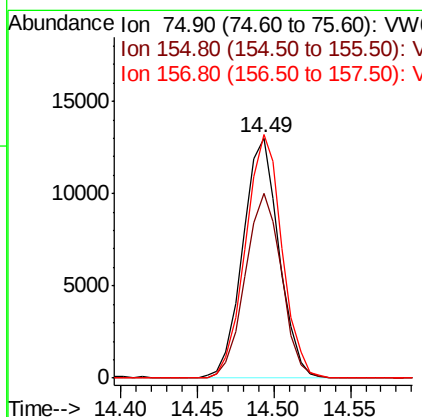
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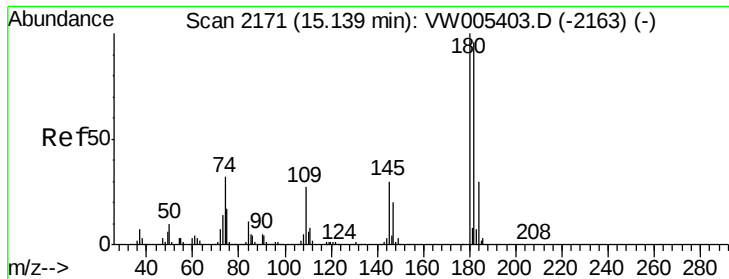
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.55 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.5	39.0	117.0
157	102.4	49.9	149.6





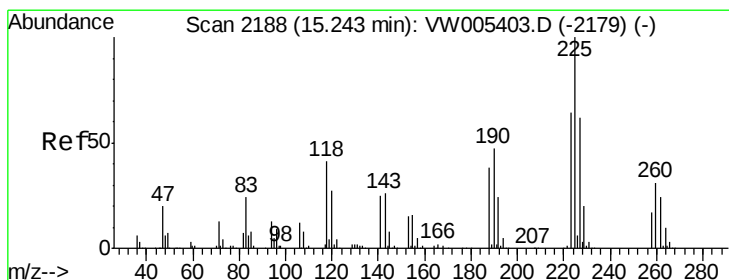
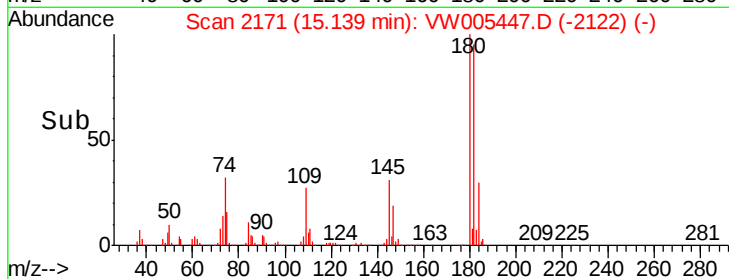
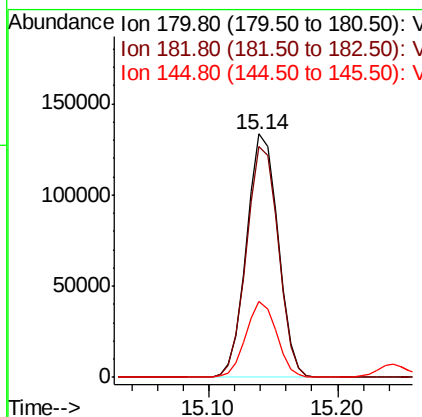
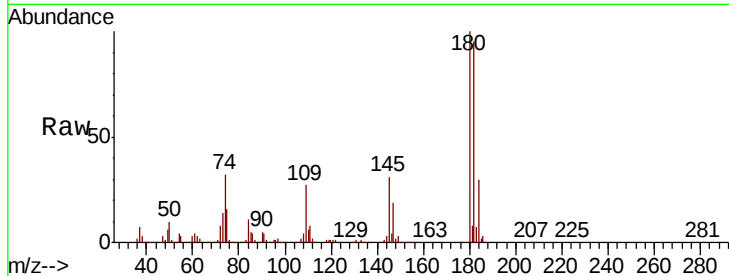
#93
 1,2,4-Trichlorobenzene
 Concen: 52.46 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	225270		
182	95.9	47.3	141.9	
145	30.4	14.8	44.3	

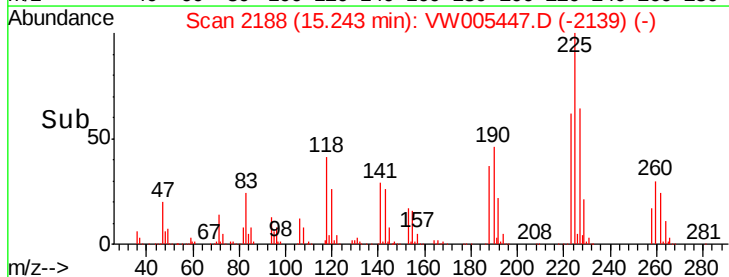
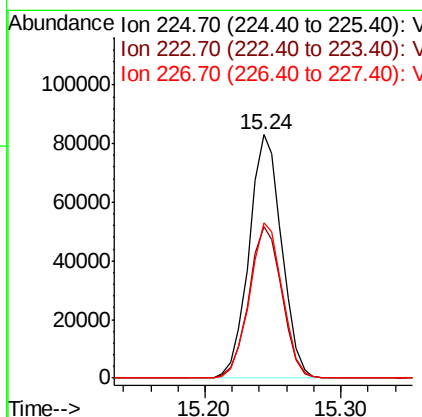
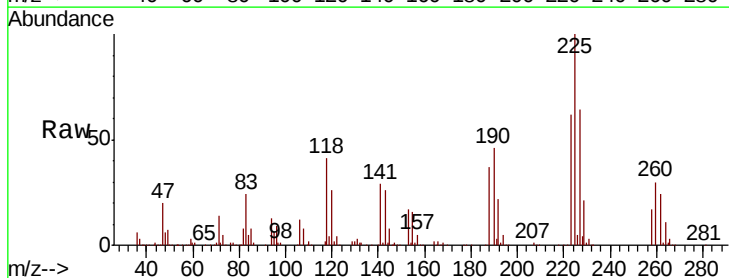
Manual Integrations
 APPROVED

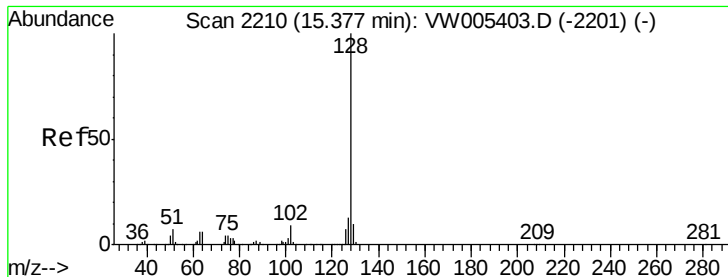
apatel
 9/18/2018 2:43:34 PM



#94
 Hexachlorobutadiene
 Concen: 49.64 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005447.D
 Acq: 17 Sep 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139207		
223	63.0	31.2	93.6	
227	64.1	31.6	95.0	





#95

Naphthalene

Concen: 54.45 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Instrument :

MSVOA_W

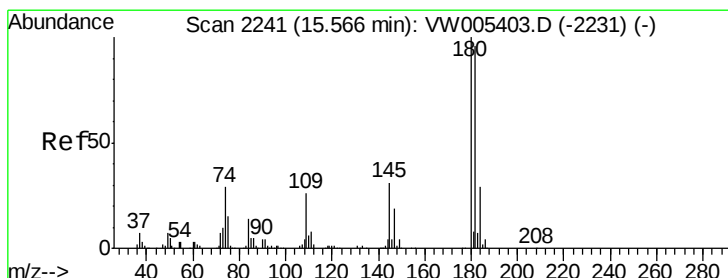
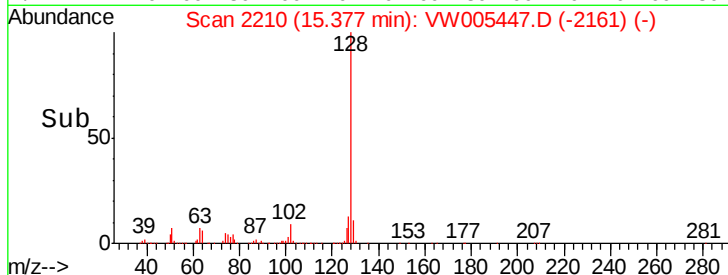
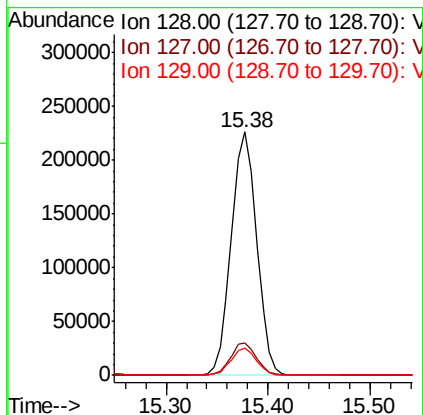
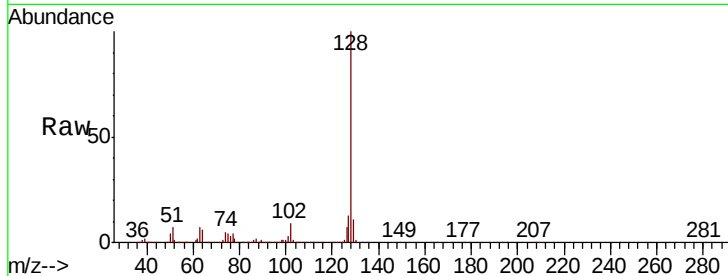
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	389609
Ion Ratio	Lower	Upper	
128	100		
127	13.6	11.0	16.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
9/18/2018 2:43:34 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.92 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005447.D

Acq: 17 Sep 2018 21:24

Tgt Ion:	180	Resp:	194589
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.1	144.4
145	32.0	15.9	47.7

