

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006170.D
 Acq On : 18 Oct 2018 12:31
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 10/19/2018 12:42:09 PM

Quant Time: Oct 19 06:42:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	401131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198739	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104691	43.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.98%	
35) Dibromofluoromethane	7.89	113	112013	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	10.33	98	429158	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.62	95	161007	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	69297	48.78	ug/l	99
3) Chloromethane	2.22	50	82193	44.95	ug/l	99
4) Vinyl Chloride	2.37	62	129638	49.64	ug/l	99
5) Bromomethane	2.79	94	112916	47.54	ug/l	98
6) Chloroethane	2.93	64	86904	46.44	ug/l	96
7) Trichlorofluoromethane	3.26	101	121990	50.15	ug/l	99
8) Diethyl Ether	3.68	74	54723	42.33	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	130826	51.32	ug/l	99
10) Methyl Iodide	4.27	142	215441	50.77	ug/l	99
11) Tert butyl alcohol	5.21	59	30130	188.24	ug/l	100
12) 1,1-Dichloroethene	4.03	96	121898	50.82	ug/l	95
13) Acrolein	3.89	56	35436	228.80	ug/l	94
14) Allyl chloride	4.67	41	164427	47.94	ug/l	99
15) Acrylonitrile	5.38	53	100459	216.63	ug/l	99
16) Acetone	4.14	43	107849	241.02	ug/l	100
17) Carbon Disulfide	4.38	76	342242	47.28	ug/l	100
18) Methyl Acetate	4.68	43	48907	40.83	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	163935	44.87	ug/l	95
20) Methylene Chloride	4.92	84	125599	49.87	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	134782	50.34	ug/l	100
22) Diisopropyl ether	6.31	45	324162	47.83	ug/l	98
23) Vinyl Acetate	6.26	43	889333	222.36	ug/l	99
24) 1,1-Dichloroethane	6.21	63	218112	49.88	ug/l	98
25) 2-Butanone	7.18	43	136233	211.89	ug/l	97
26) 2,2-Dichloropropane	7.17	77	152706	49.51	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	147995	50.09	ug/l	99
28) Bromochloromethane	7.51	49	81294	48.15	ug/l	95
29) Tetrahydrofuran	7.53	42	81374	205.91	ug/l	99
30) Chloroform	7.68	83	237424	49.83	ug/l	98
31) Cyclohexane	7.96	56	207838	47.72	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	216706	50.42	ug/l	99
36) 1,1-Dichloropropene	8.09	75	192525	52.07	ug/l	100
37) Ethyl Acetate	7.26	43	56934	41.45	ug/l	99
38) Carbon Tetrachloride	8.07	117	207840	51.28	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255858	52.06	ug/l	97
40) Benzene	8.32	78	519095	51.18	ug/l	99
41) Methacrylonitrile	7.49	41	34979	42.24	ug/l	91
42) 1,2-Dichloroethane	8.40	62	145621	48.87	ug/l	100
43) Isopropyl Acetate	8.43	43	119842	42.67	ug/l	98
44) Trichloroethene	9.09	130	162303	52.16	ug/l	100
45) 1,2-Dichloropropane	9.37	63	120219	49.54	ug/l	100
46) Dibromomethane	9.46	93	67034	48.46	ug/l	99
47) Bromodichloromethane	9.65	83	163150	48.65	ug/l	99
48) Methyl methacrylate	9.44	41	59313	44.55	ug/l	98
49) 1,4-Dioxane	9.48	88	19510	916.21	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	298438	212.07	ug/l	98
52) Toluene	10.39	92	350180	51.50	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	158177	47.34	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	190176	49.59	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	91871	47.46	ug/l	99
56) Ethyl methacrylate	10.65	69	107982	45.50	ug/l	97
57) 1,3-Dichloropropane	10.93	76	152529	47.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	197949	218.31	ug/l	98
59) 2-Hexanone	10.98	43	215874	214.89	ug/l	98
60) Dibromochloromethane	11.13	129	114086	47.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	90909	47.00	ug/l	100
64) Tetrachloroethene	10.87	164	145631	52.28	ug/l	99
65) Chlorobenzene	11.66	112	398429	51.87	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	140204	51.36	ug/l	99
67) Ethyl Benzene	11.74	91	702454	52.77	ug/l	99
68) m/p-Xylenes	11.85	106	556621	105.80	ug/l	99
69) o-Xylene	12.17	106	264547	52.76	ug/l	99
70) Styrene	12.19	104	426823	52.35	ug/l	100
71) Bromoform	12.35	173	68737	45.15	ug/l #	100
73) Isopropylbenzene	12.47	105	754669	53.75	ug/l	100
74) N-amyl acetate	12.28	43	121522	44.56	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	101649	47.60	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	67407m	44.41	ug/l	
77) Bromobenzene	12.75	156	178730	51.97	ug/l	98
78) n-propylbenzene	12.81	91	877843	53.74	ug/l	100
79) 2-Chlorotoluene	12.90	91	487509	53.12	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	630960	53.31	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	27421	43.18	ug/l	97
82) 4-Chlorotoluene	12.99	91	506762	52.71	ug/l	100
83) tert-Butylbenzene	13.21	119	570841	53.90	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	638437	53.30	ug/l	100
85) sec-Butylbenzene	13.39	105	810478	54.17	ug/l	100
86) p-Isopropyltoluene	13.51	119	734128	54.25	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	362619	52.98	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	353936	51.94	ug/l	100
89) n-Butylbenzene	13.83	91	670224	54.16	ug/l	100
90) Hexachloroethane	14.10	117	116005	50.61	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	312879	51.25	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16042	41.96	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	240995	51.30	ug/l	99
94) Hexachlorobutadiene	15.24	225	159899	54.19	ug/l	99
95) Naphthalene	15.38	128	372803	47.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	204109	50.24	ug/l	100

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

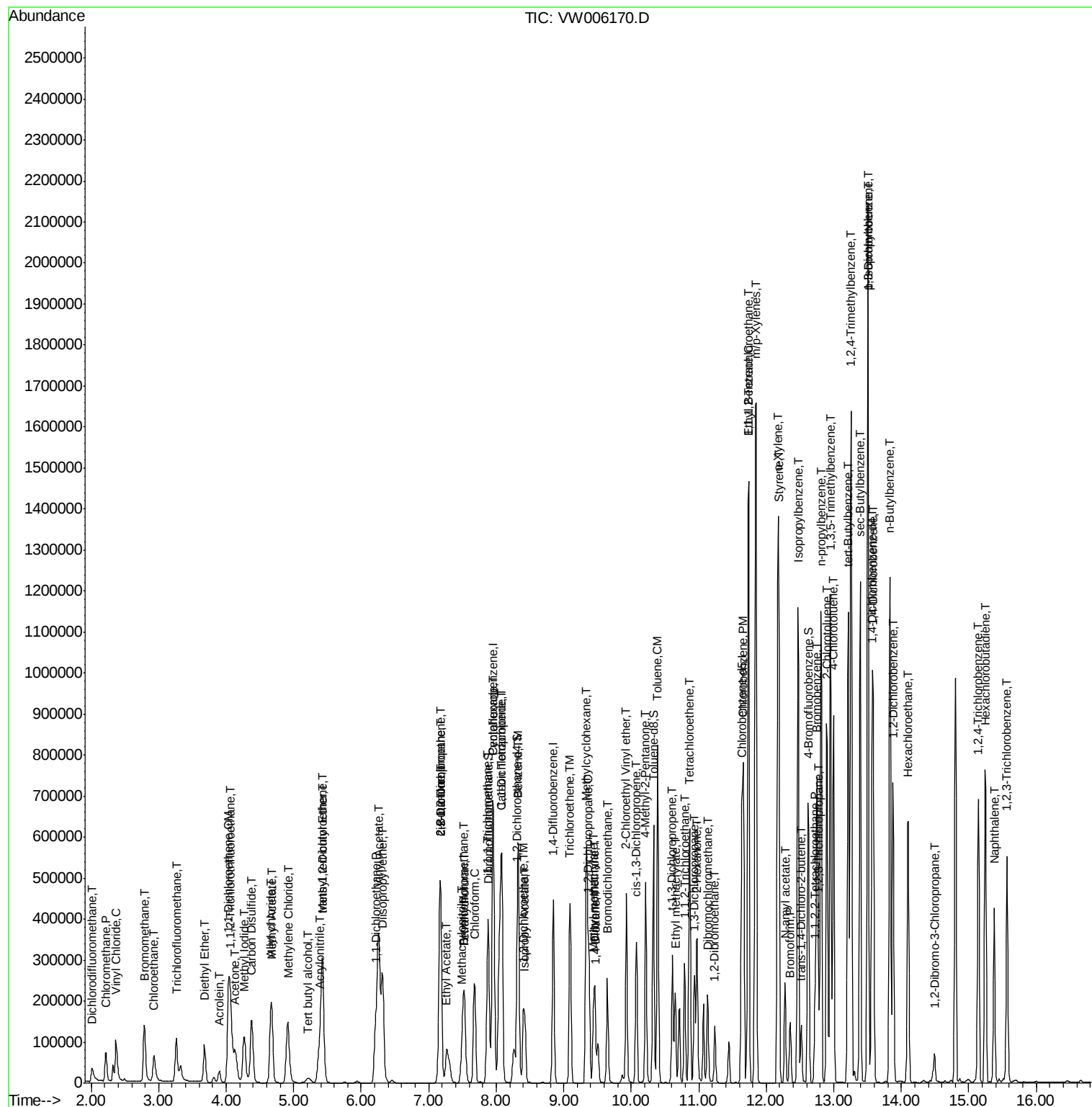
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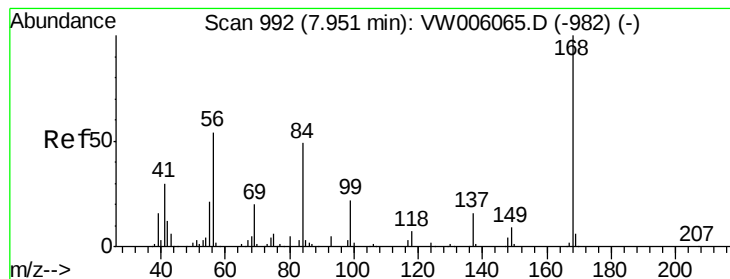
Instrument :
MSVOA_W
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VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 287065

Ion Ratio Lower Upper

168 100

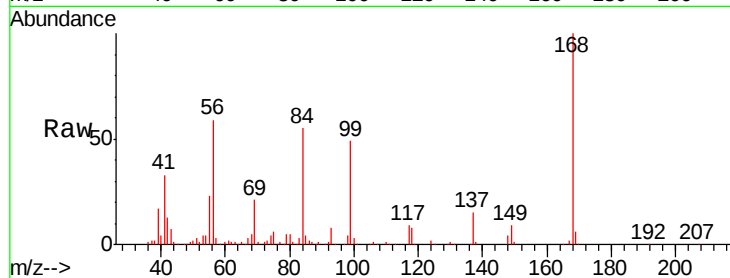
99 48.7 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

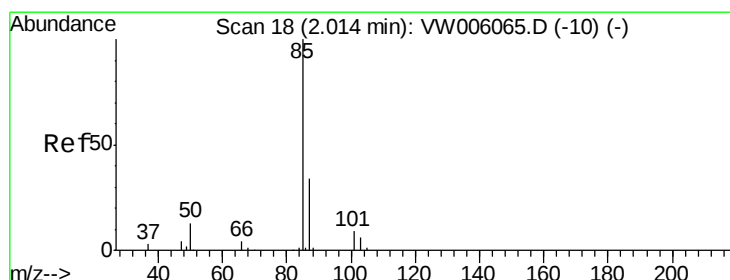
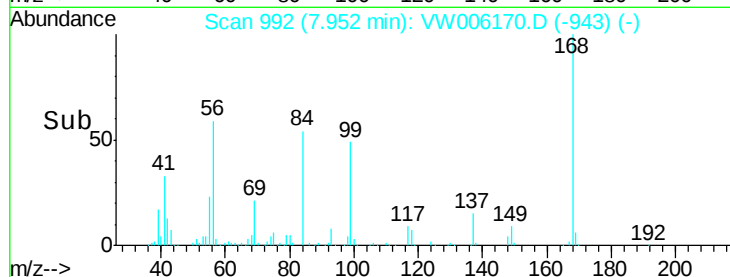
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.78 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006170.D

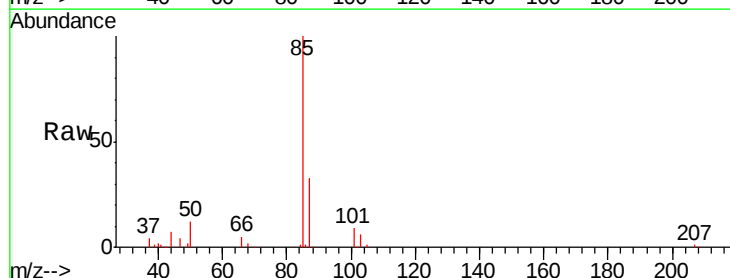
Acq: 18 Oct 2018 12:31

Tgt Ion: 85 Resp: 69297

Ion Ratio Lower Upper

85 100

87 32.9 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

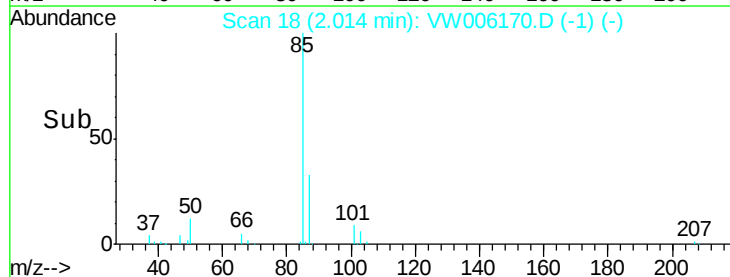
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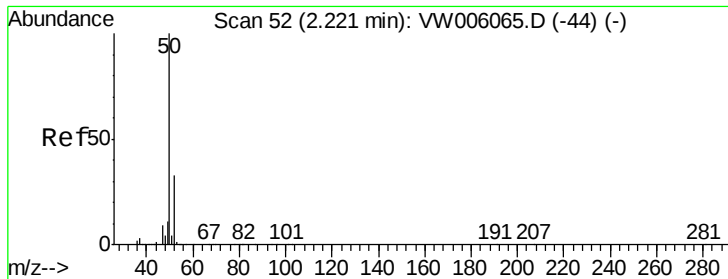
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 44.95 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 82193

Ion Ratio Lower Upper

50 100

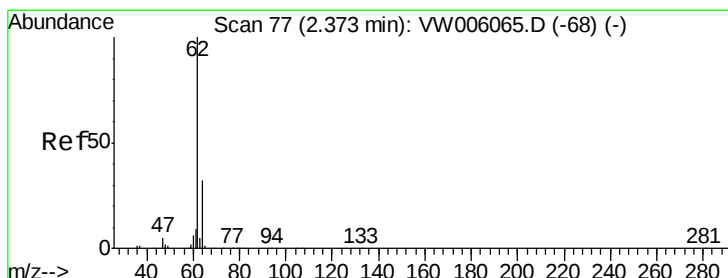
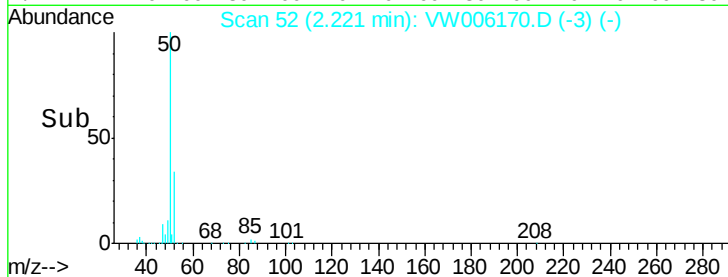
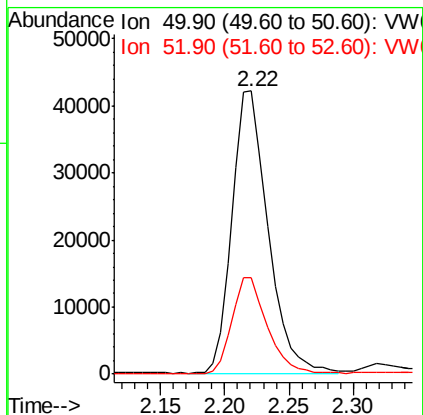
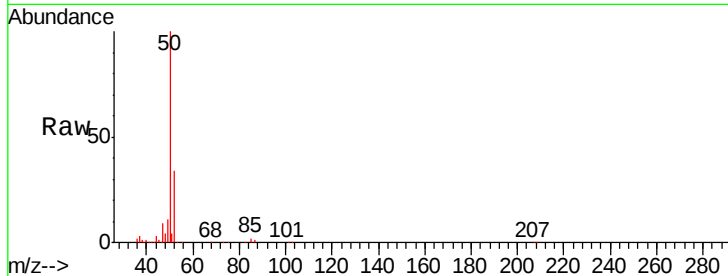
52 34.1 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.64 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006170.D

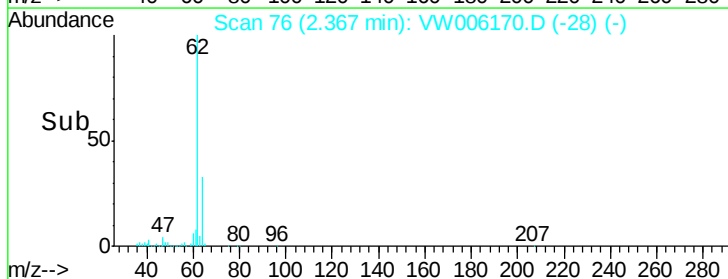
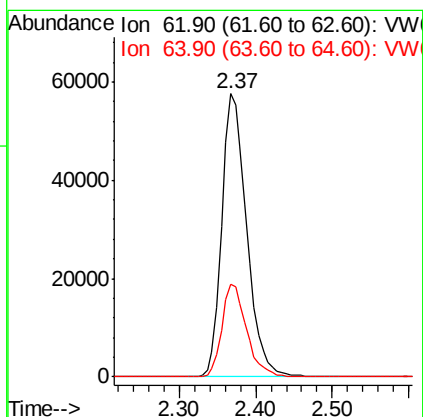
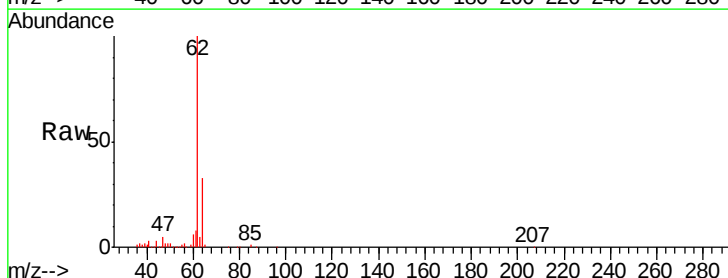
Acq: 18 Oct 2018 12:31

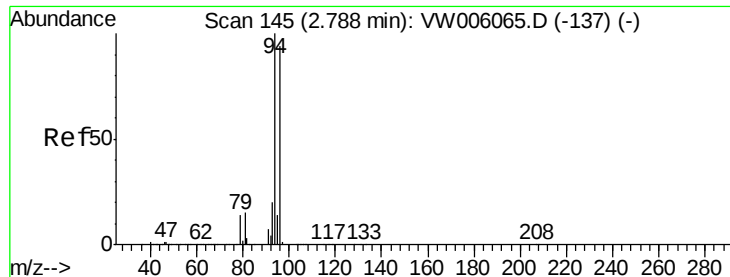
Tgt Ion: 62 Resp: 129638

Ion Ratio Lower Upper

62 100

64 32.7 25.9 38.9





#5

Bromomethane

Concen: 47.54 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 112916

Ion Ratio Lower Upper

94 100

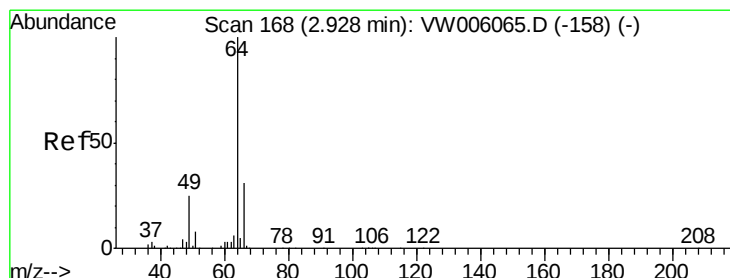
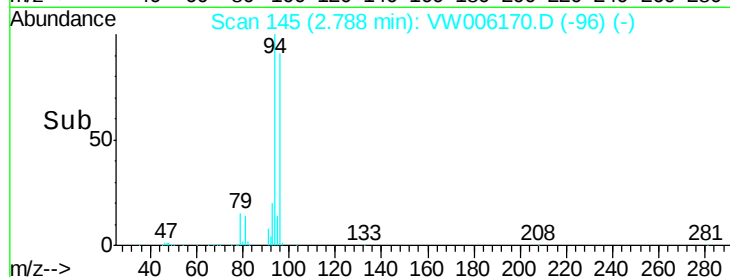
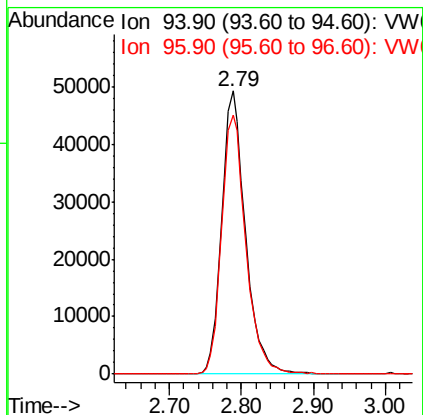
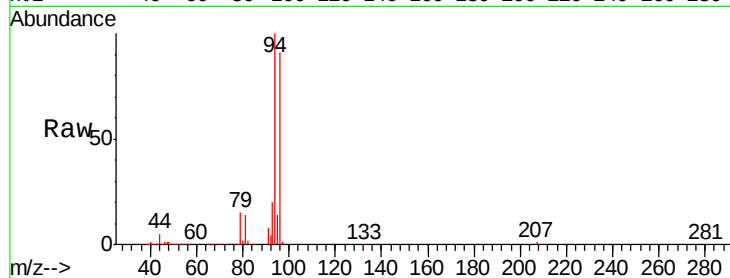
96 91.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 46.44 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006170.D

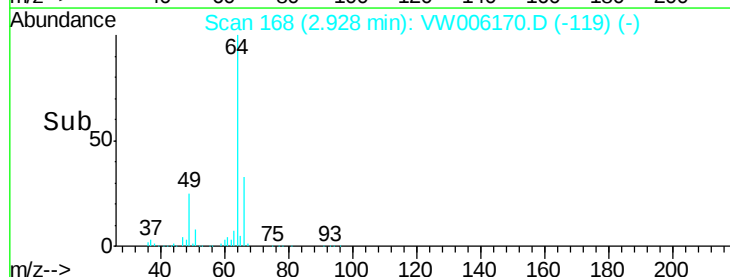
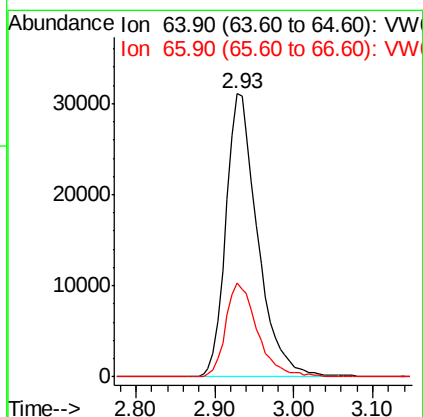
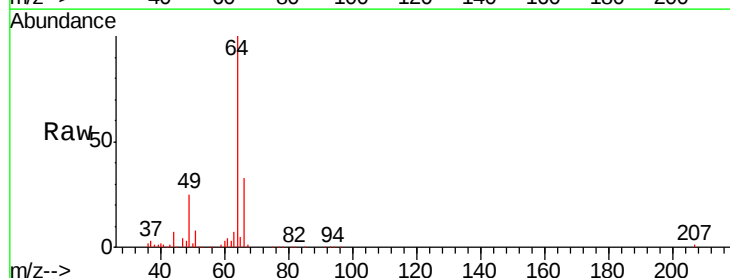
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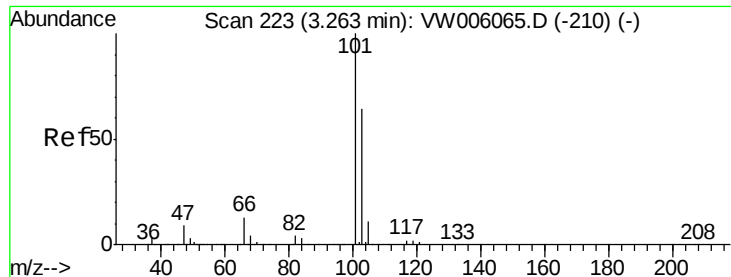
Tgt Ion: 64 Resp: 86904

Ion Ratio Lower Upper

64 100

66 33.0 24.9 37.3





#7

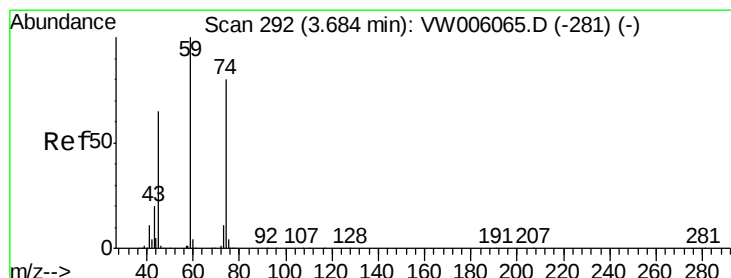
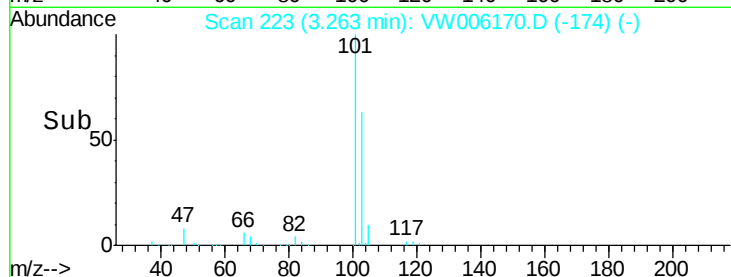
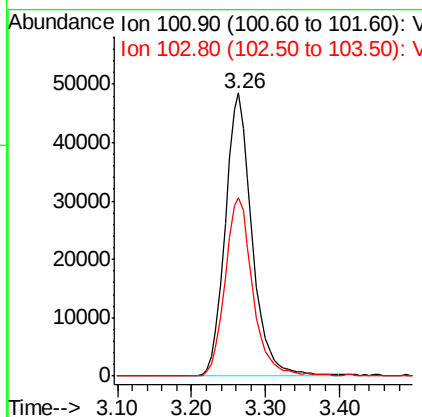
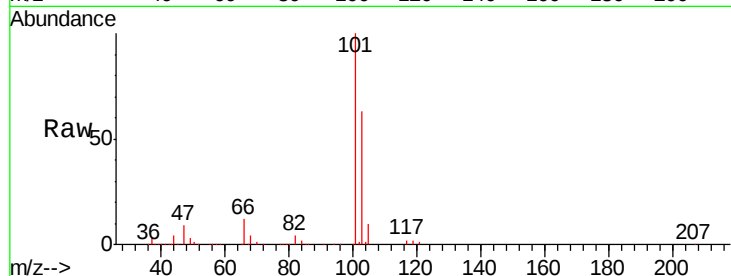
Trichlorofluoromethane
 Concen: 50.15 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	121990		
103	63.0	51.2	76.8	

Manual Integrations
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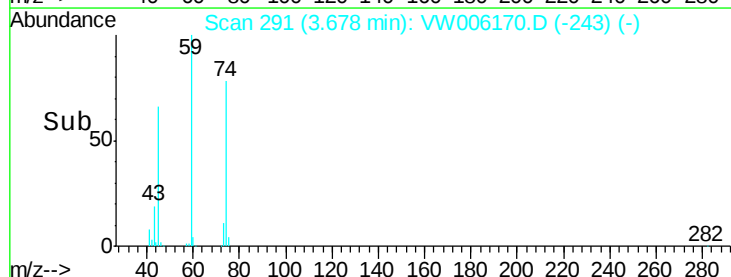
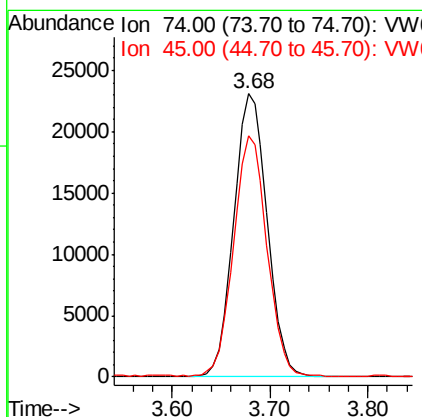
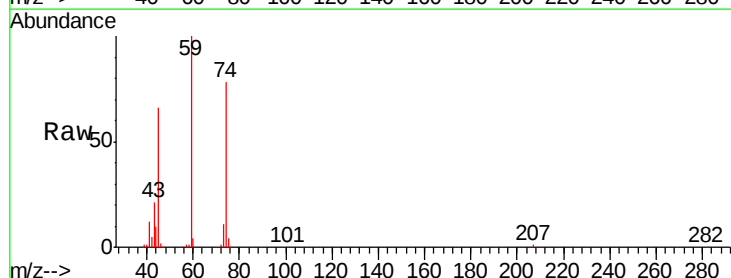
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#8

Diethyl Ether
 Concen: 42.33 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54723		
45	85.9	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.32 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

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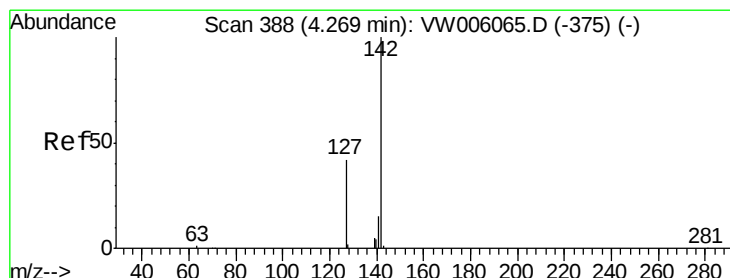
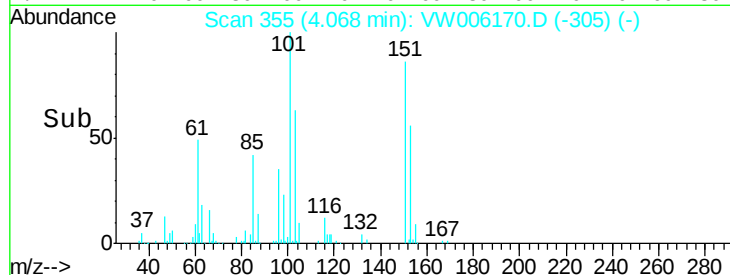
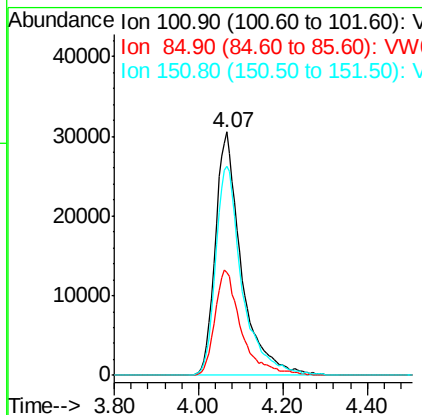
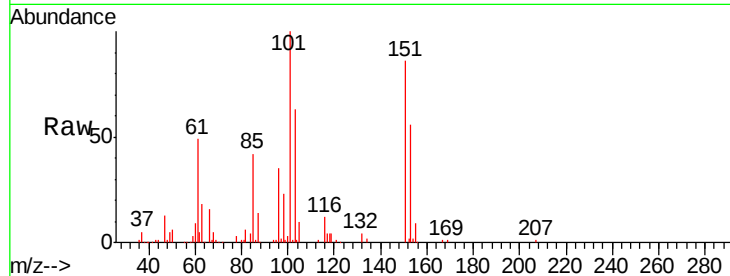
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	130826
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.9	52.3
151	87.0	70.4	105.6

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#10

Methyl Iodide

Concen: 50.77 ug/l

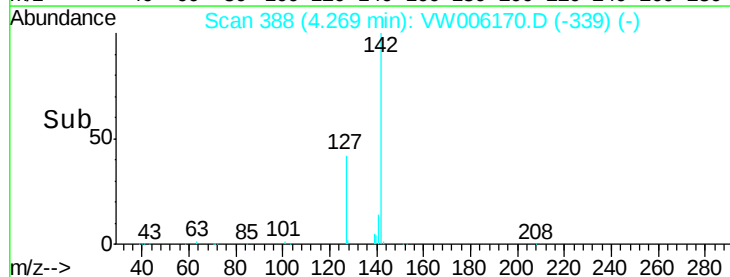
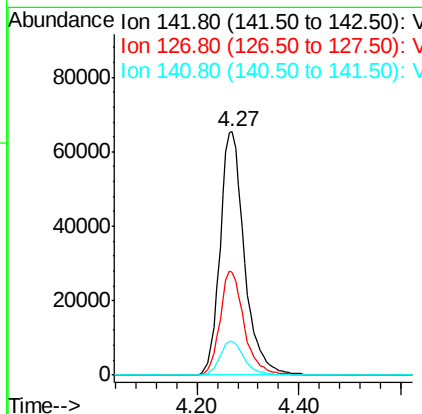
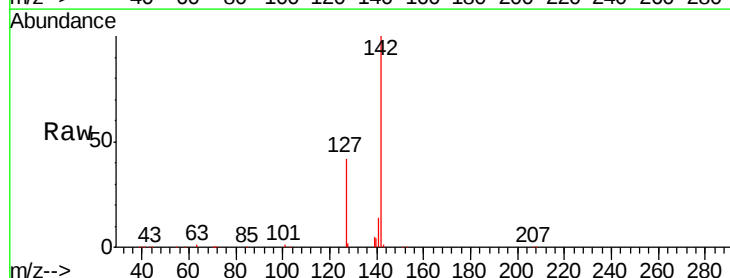
RT: 4.27 min Scan# 388

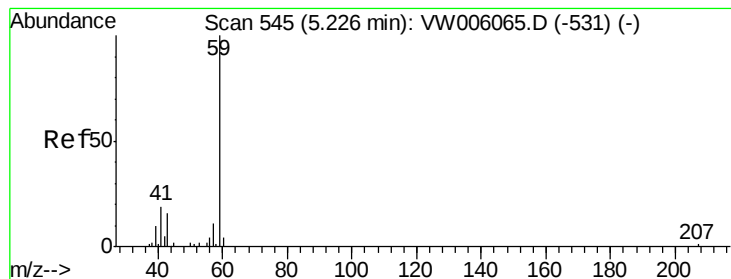
Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Tgt Ion:	142	Resp:	215441
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.6	50.4
141	14.1	11.6	17.4





#11

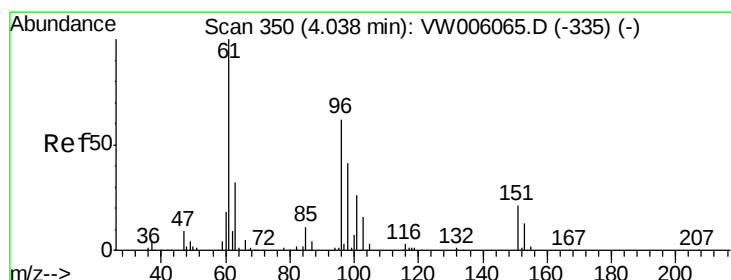
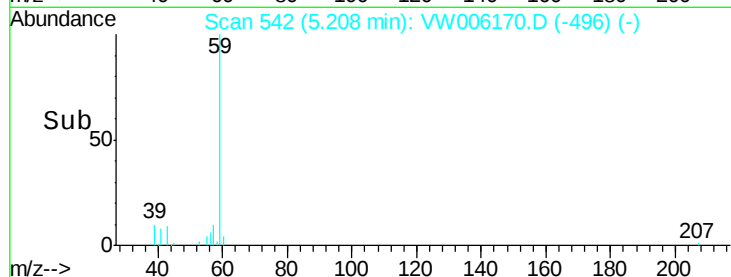
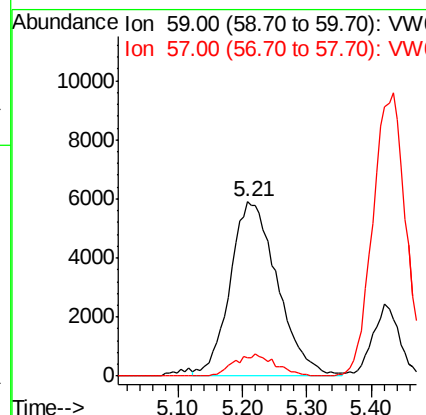
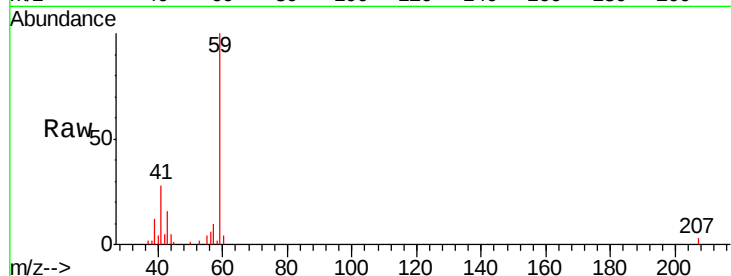
Tert butyl alcohol
Concen: 188.24 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 30130
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

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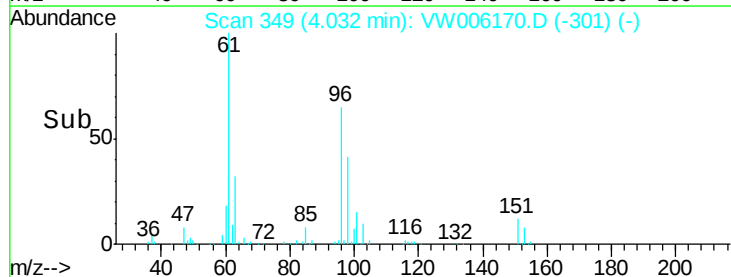
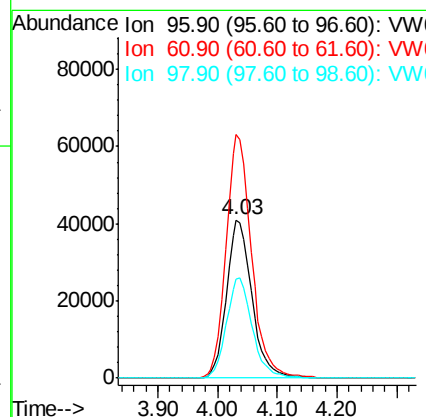
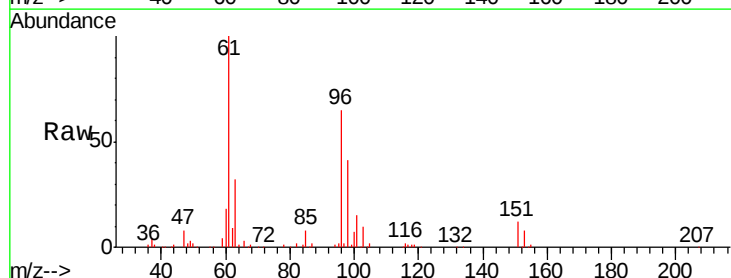
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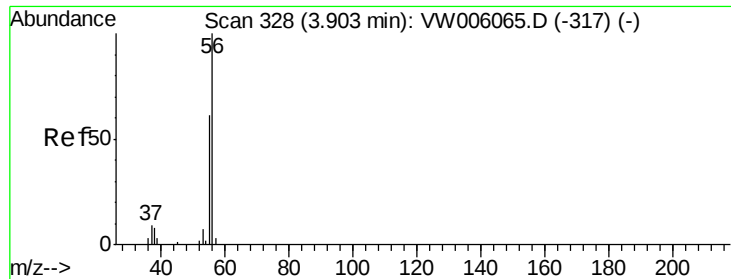


#12

1,1-Dichloroethene
Concen: 50.82 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion: 96 Resp: 121898
Ion Ratio Lower Upper
96 100
61 154.1 129.3 193.9
98 62.5 53.1 79.7





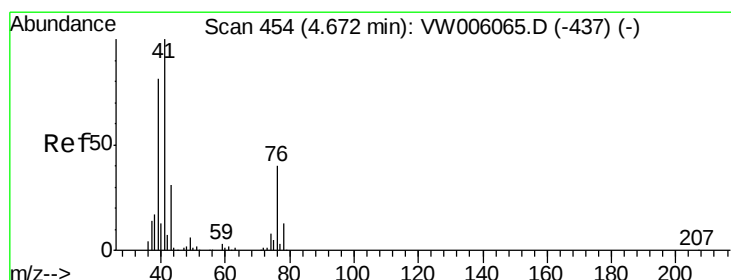
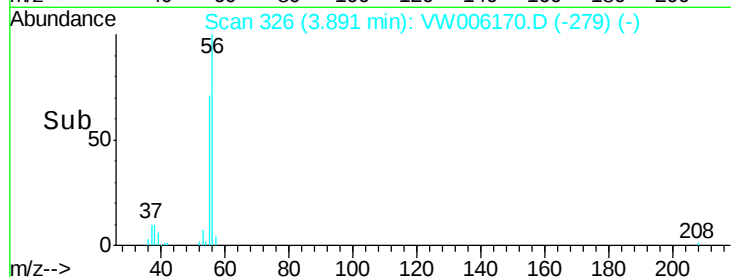
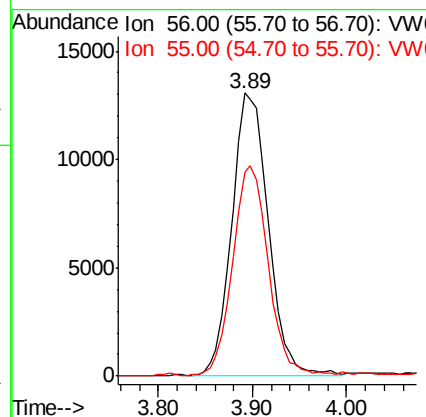
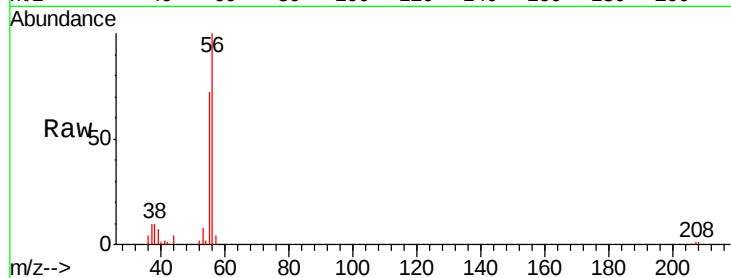
#13
Acrolein
Concen: 228.80 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.7	54.5	81.7

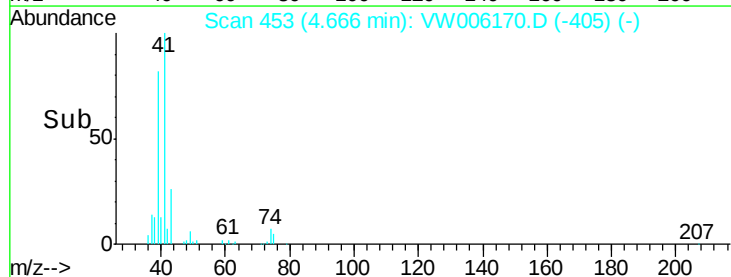
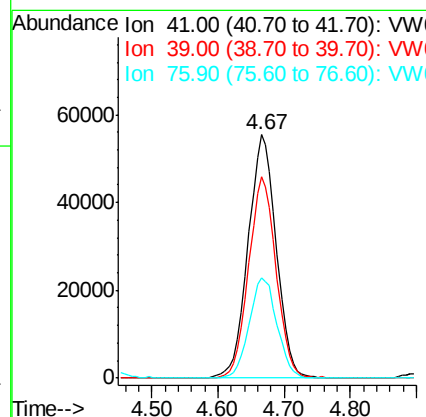
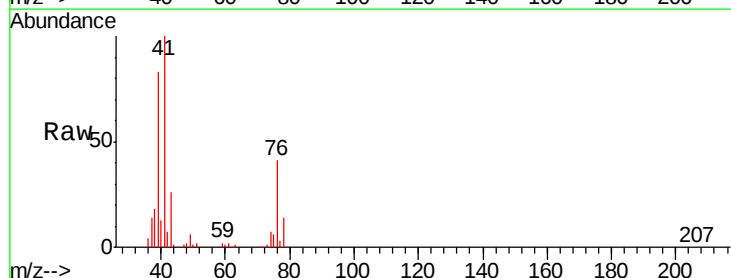
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#14
Allyl chloride
Concen: 47.94 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	80.8	64.1	96.1
76	40.6	32.2	48.4





#15

Acrylonitrile

Concen: 216.63 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

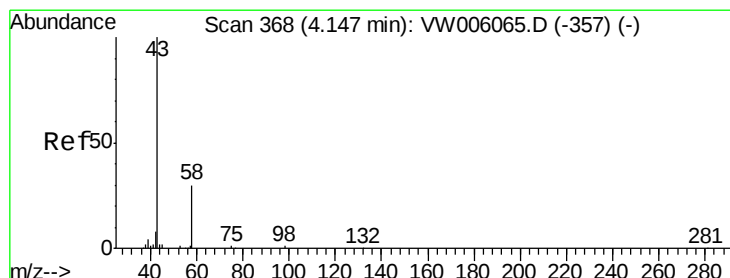
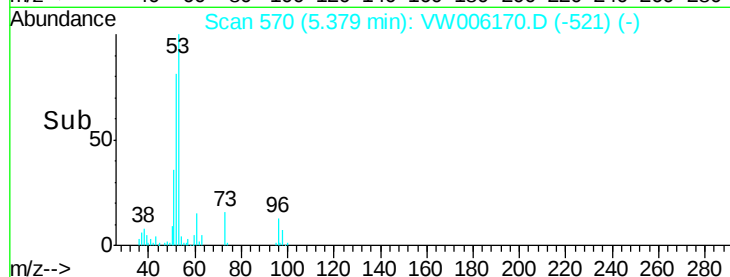
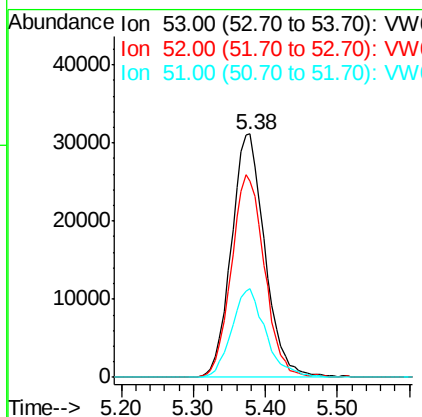
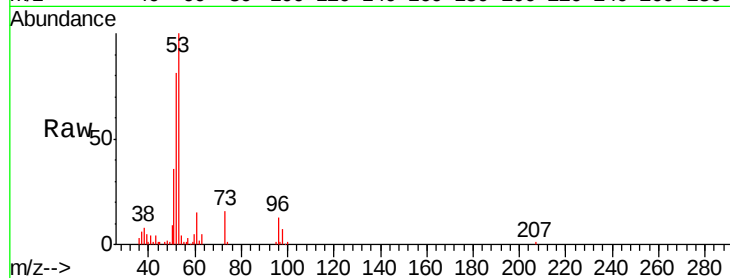
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	100459
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.9	100.3
51	37.0	30.1	45.1

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#16

Acetone

Concen: 241.02 ug/l

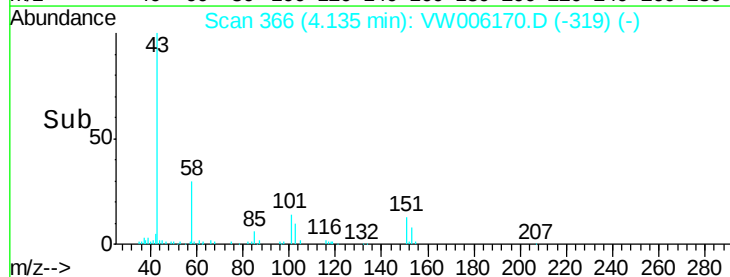
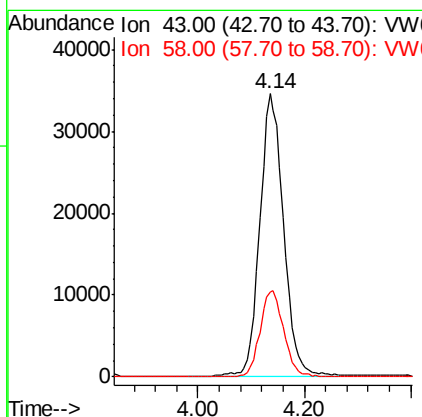
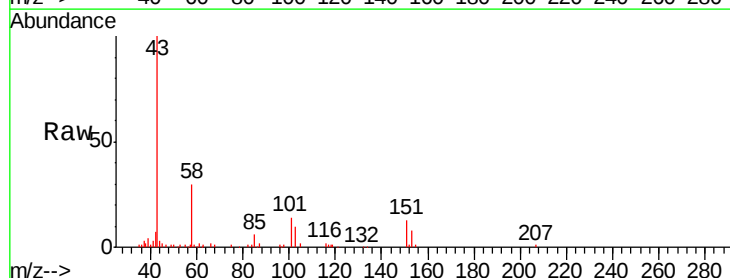
RT: 4.14 min Scan# 366

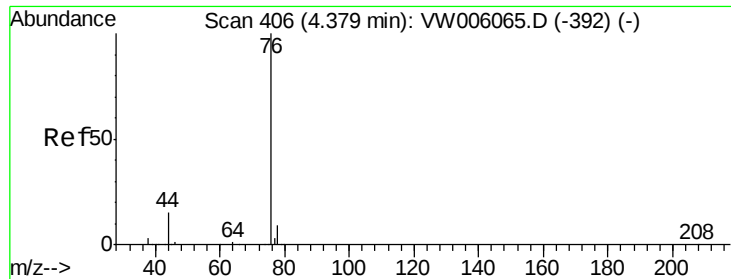
Delta R.T. -0.01 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Tgt Ion:	43	Resp:	107849
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.0	36.0





#17

Carbon Disulfide

Concen: 47.28 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 342242

Ion Ratio Lower Upper

76 100

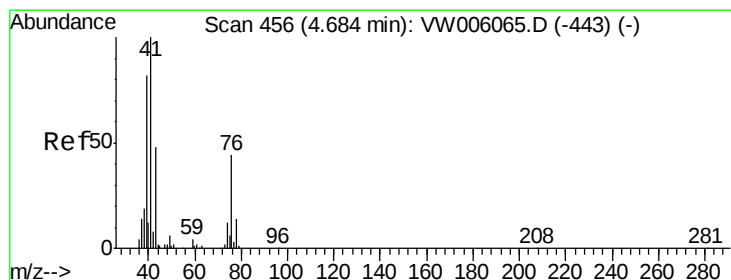
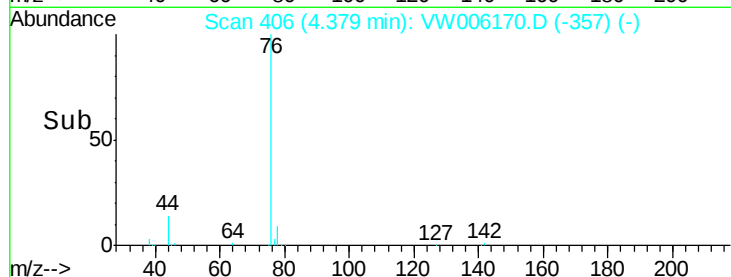
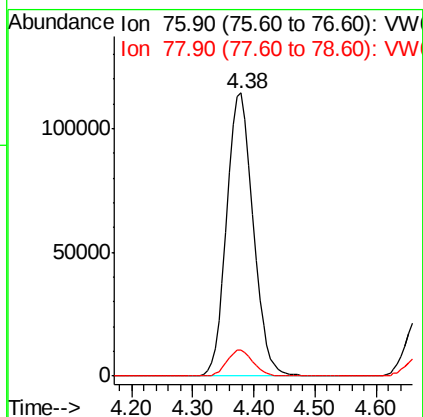
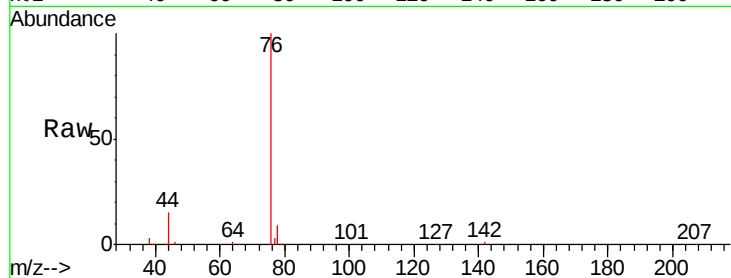
78 9.3 7.5 11.3

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#18

Methyl Acetate

Concen: 40.83 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006170.D

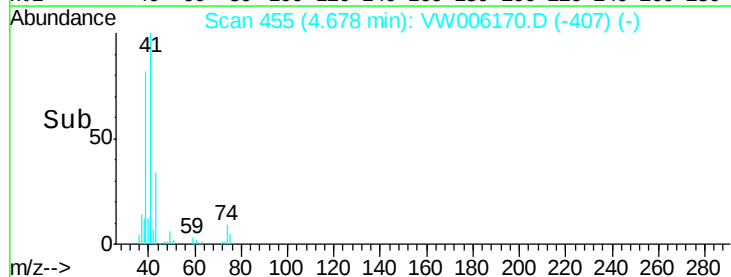
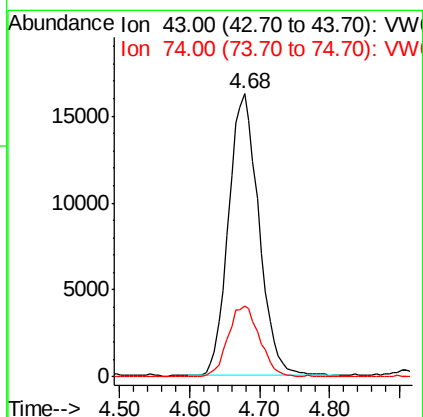
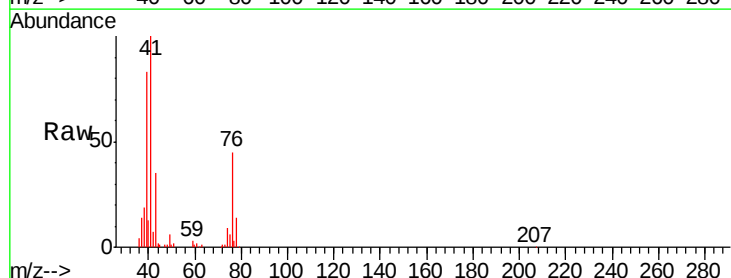
Acq: 18 Oct 2018 12:31

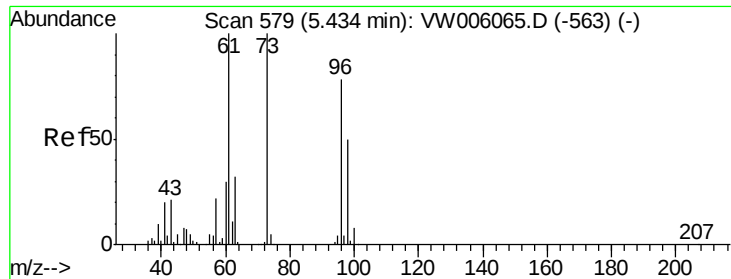
Tgt Ion: 43 Resp: 48907

Ion Ratio Lower Upper

43 100

74 26.2 20.5 30.7





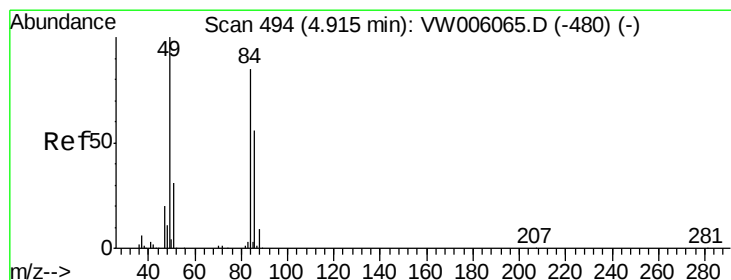
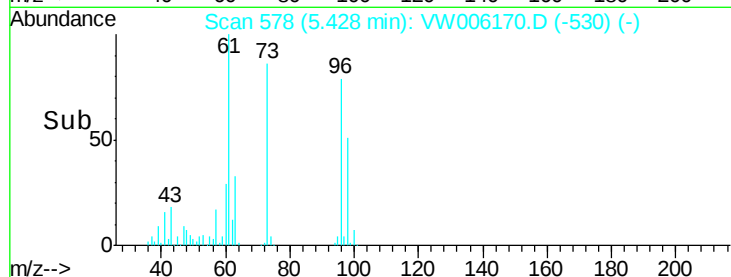
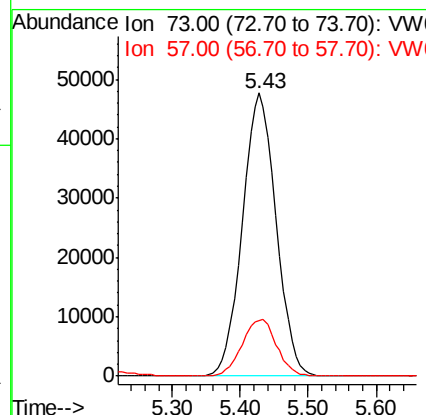
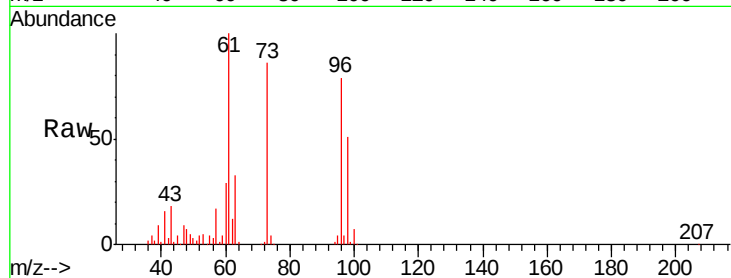
#19
Methyl tert-butyl Ether
Concen: 44.87 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	19.4	17.4	26.2

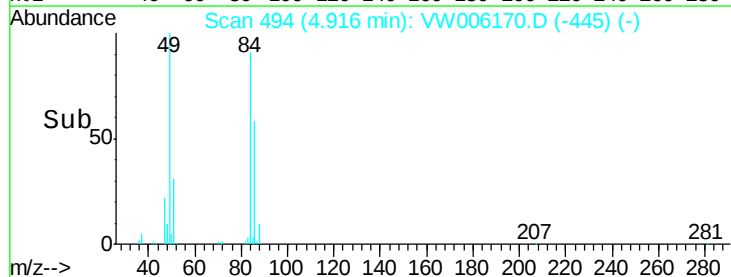
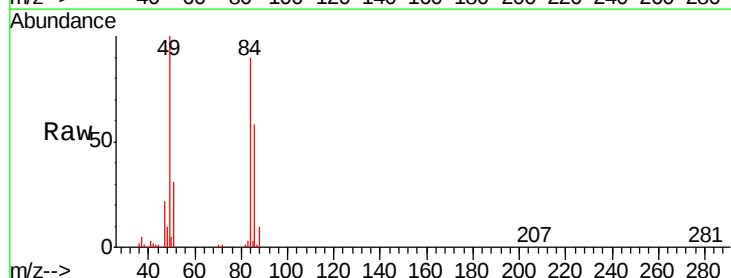
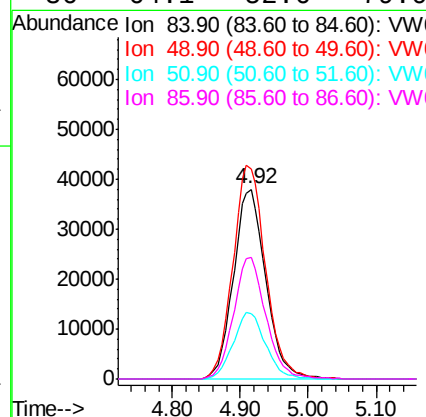
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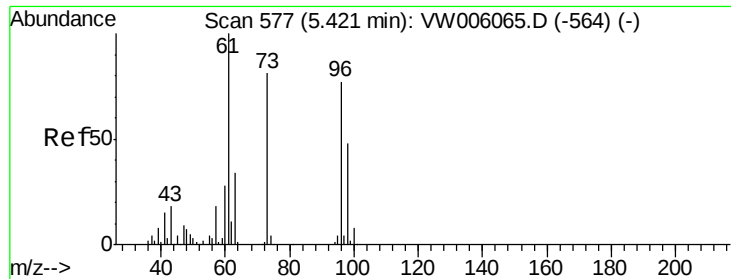
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#20
Methylene Chloride
Concen: 49.87 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.8	93.6	140.4
51	34.2	29.0	43.4
86	64.1	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 50.34 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

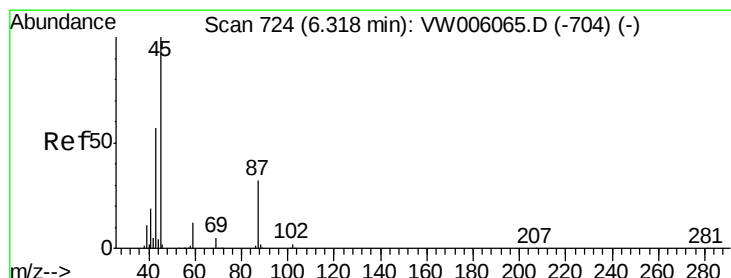
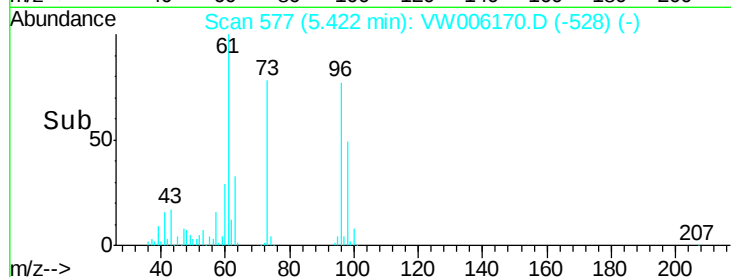
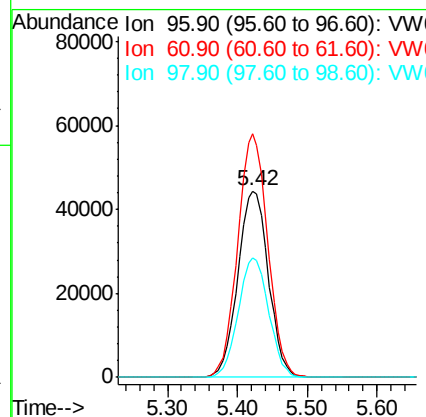
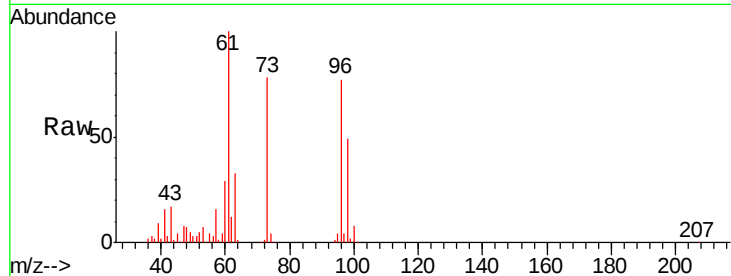
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	134782
Ion	Ratio	Lower	Upper
96	100		
61	130.6	104.5	156.7
98	64.1	50.6	75.8

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#22

Diisopropyl ether

Concen: 47.83 ug/l

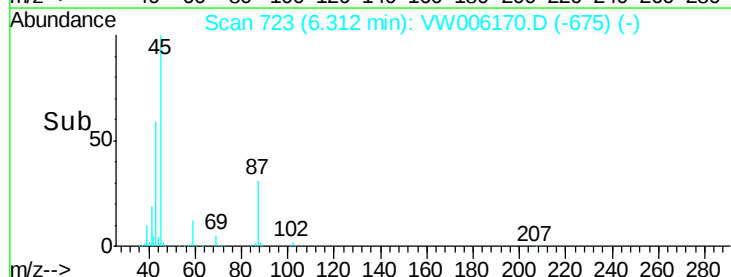
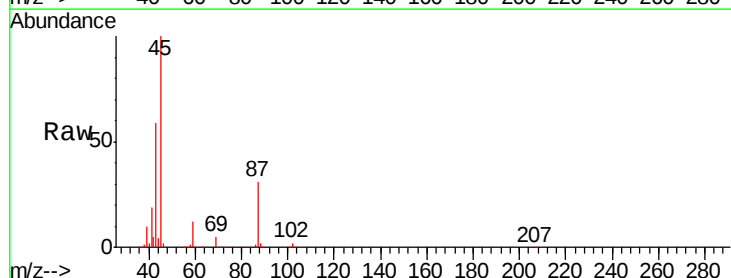
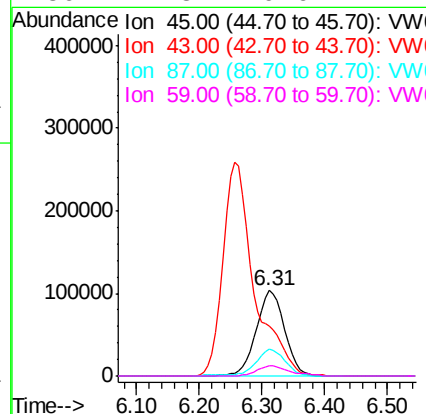
RT: 6.31 min Scan# 723

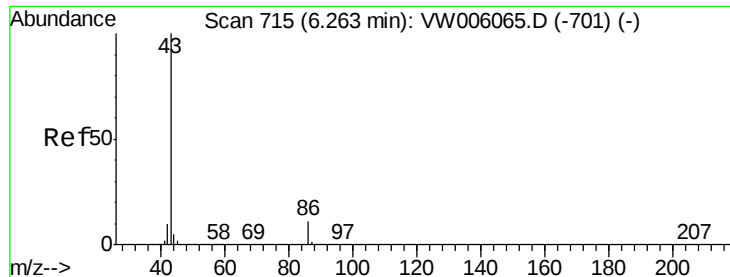
Delta R.T. -0.01 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Tgt Ion:	45	Resp:	324162
Ion	Ratio	Lower	Upper
45	100		
43	59.0	45.7	68.5
87	31.3	25.9	38.9
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 222.36 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 889333

Ion Ratio Lower Upper

43 100

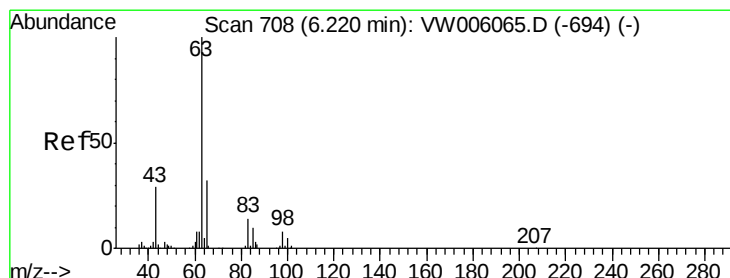
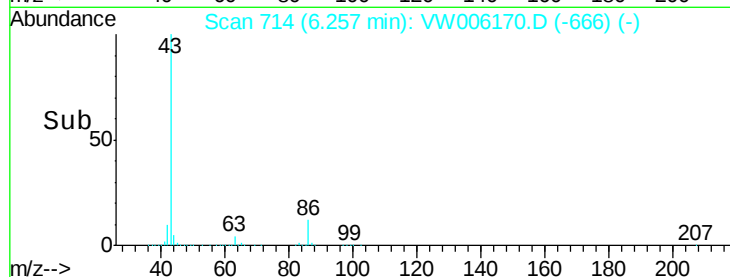
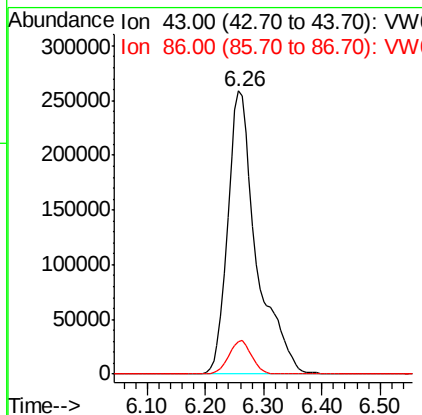
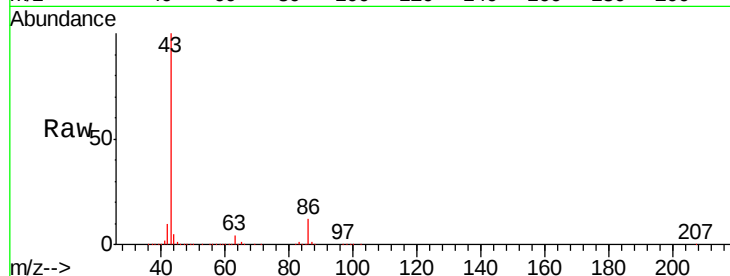
86 11.6 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 49.88 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

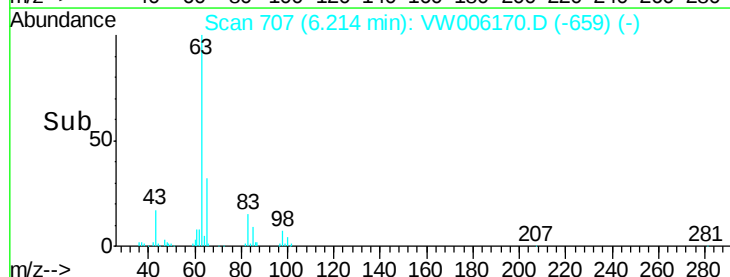
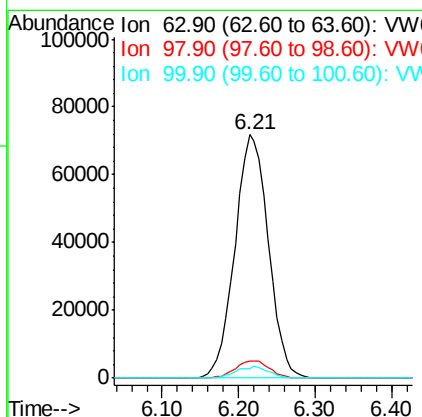
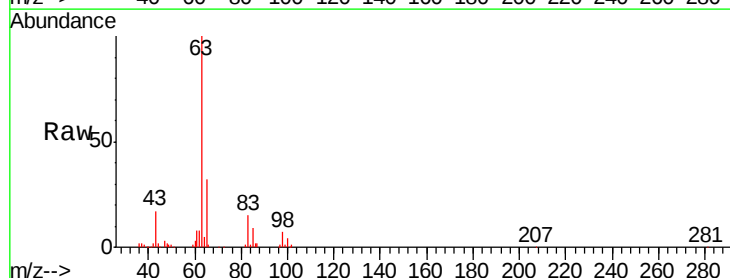
Tgt Ion: 63 Resp: 218112

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.2

100 4.0 2.5 7.5





#25

2-Butanone

Concen: 211.89 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 136233

Ion Ratio Lower Upper

43 100

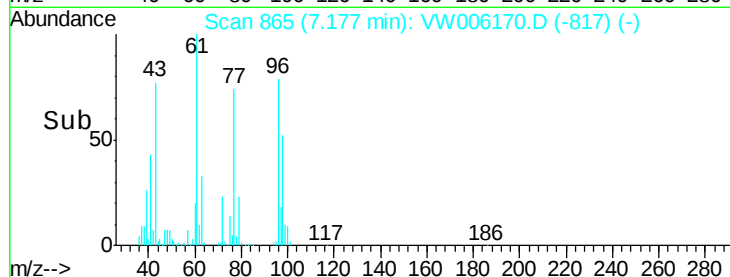
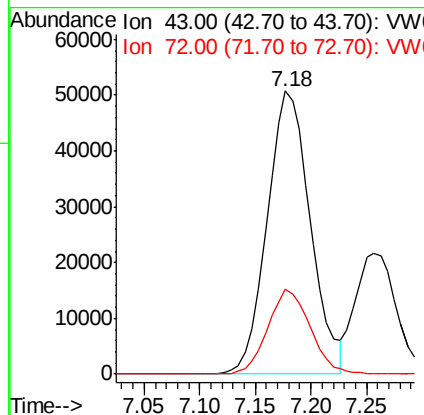
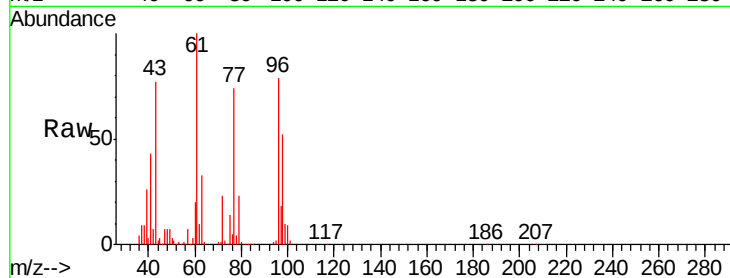
72 30.0 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 49.51 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006170.D

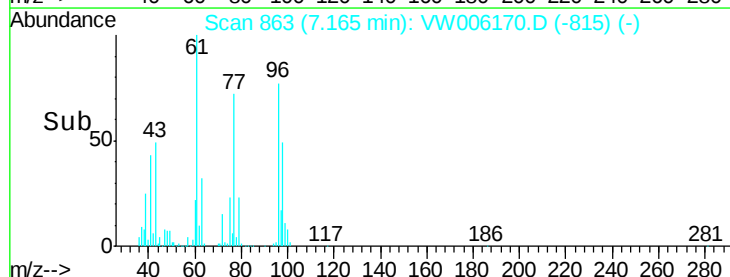
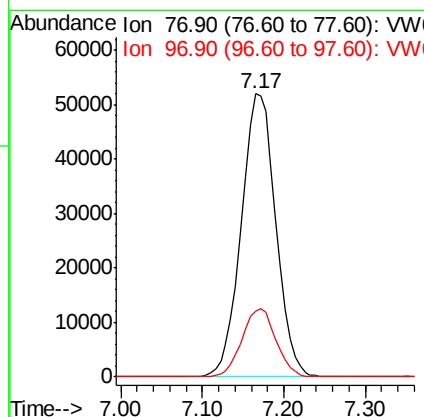
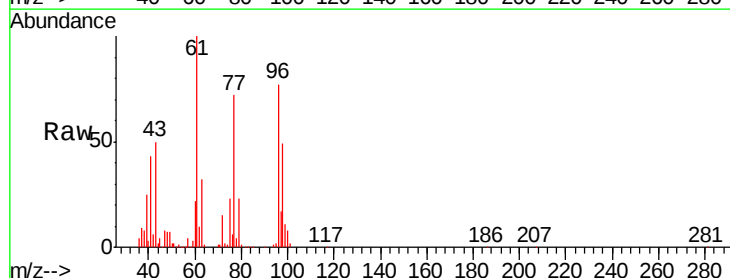
Acq: 18 Oct 2018 12:31

Tgt Ion: 77 Resp: 152706

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.4





#27

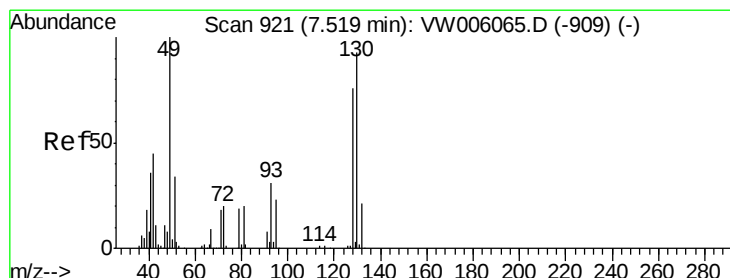
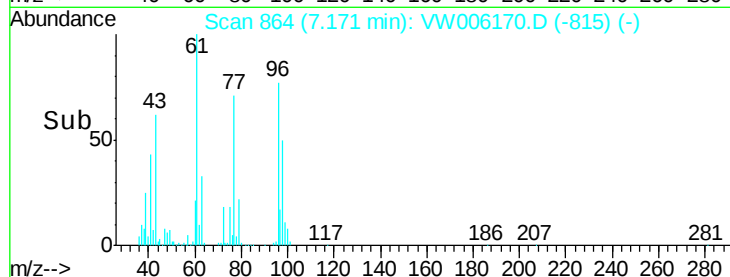
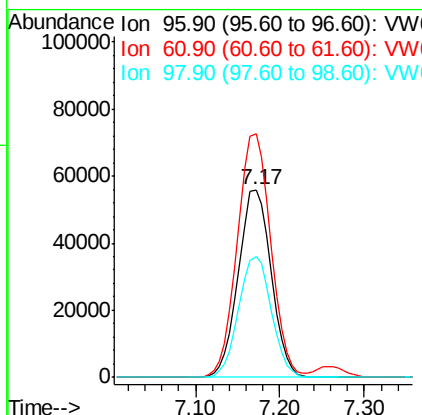
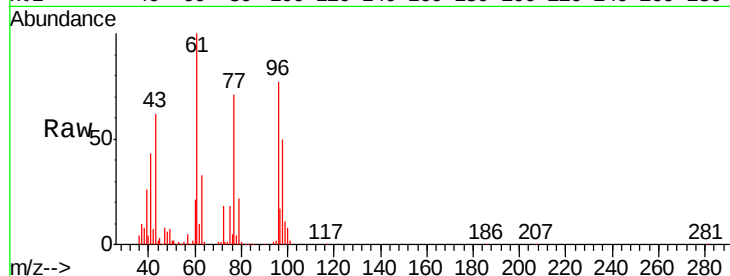
cis-1,2-Dichloroethene
Concen: 50.09 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	147995		
61	131.9	0.0	267.2	
98	64.2	0.0	128.6	

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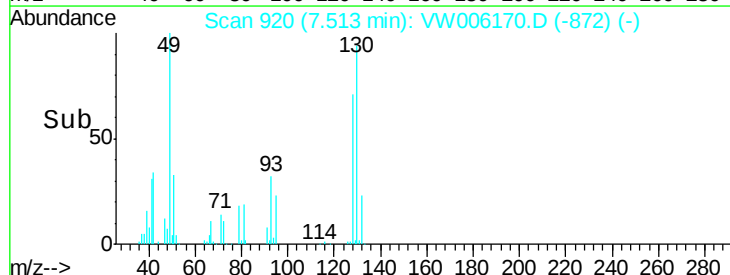
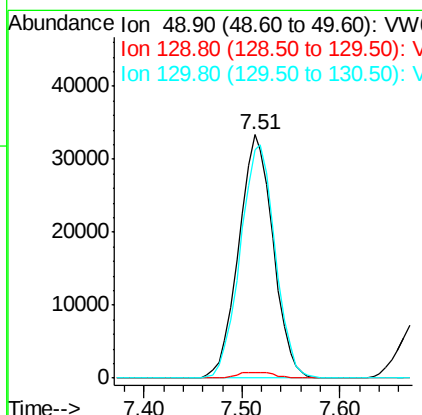
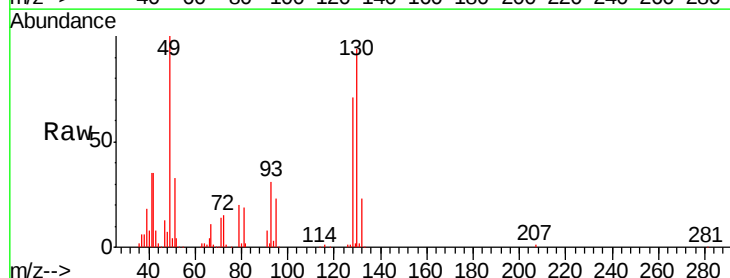
apatel
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#28

Bromochloromethane
Concen: 48.15 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81294		
129	2.6	0.0	5.0	
130	97.2	73.8	110.8	





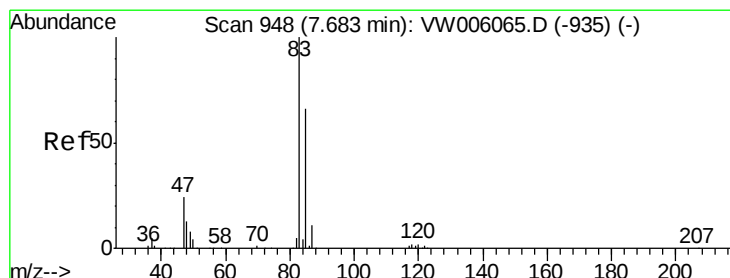
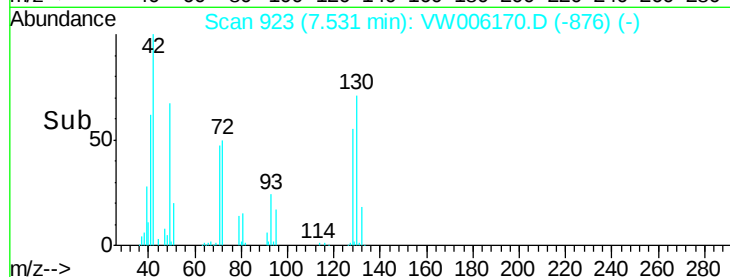
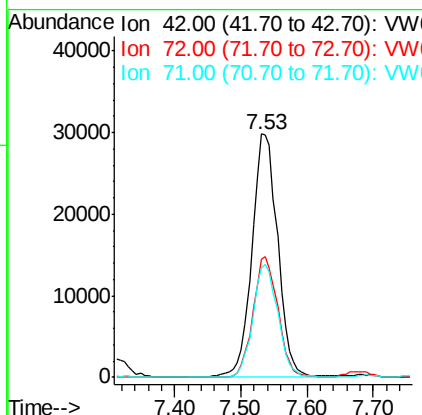
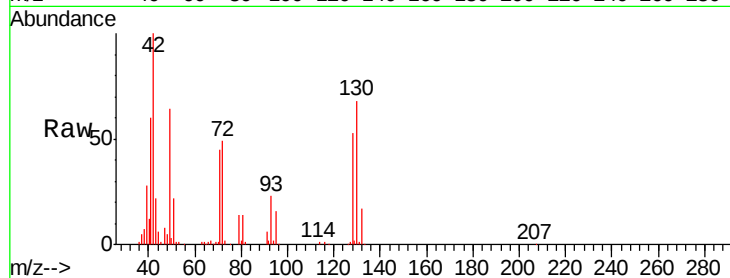
#29
Tetrahydrofuran
Concen: 205.91 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.5	38.0	57.0
71	45.2	35.3	52.9

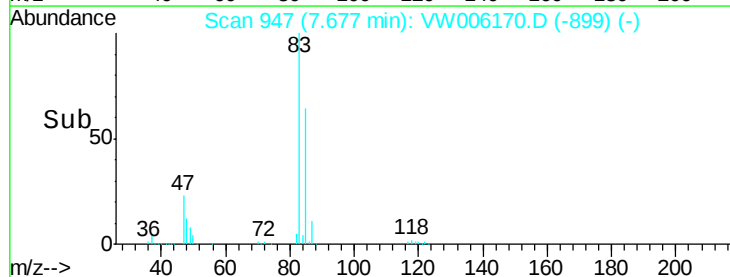
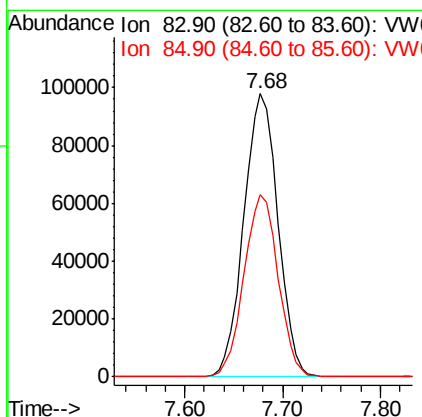
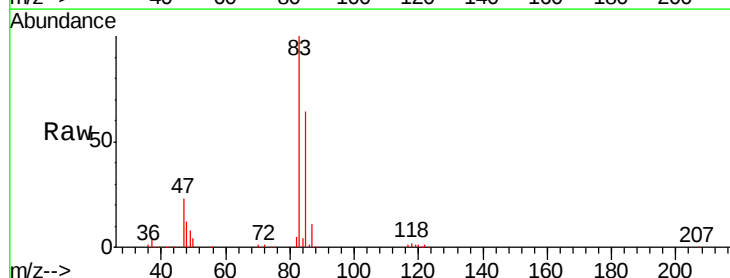
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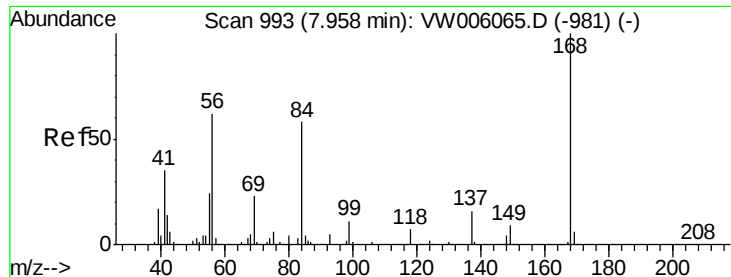
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#30
Chloroform
Concen: 49.83 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	79.0





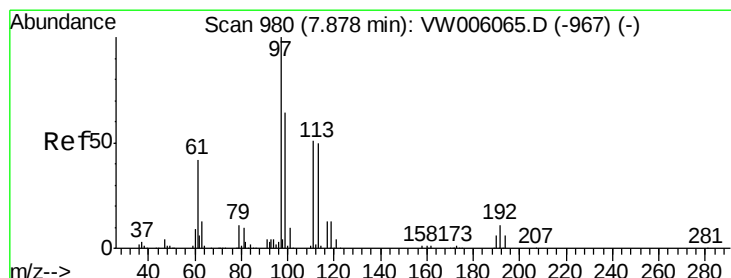
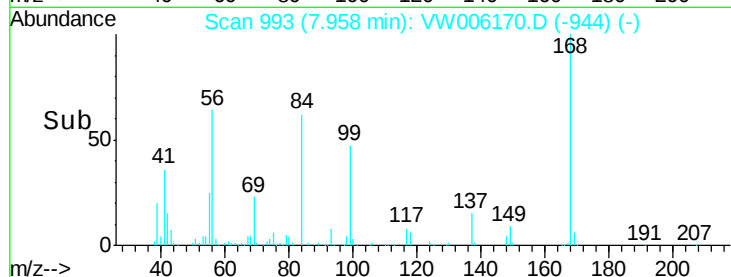
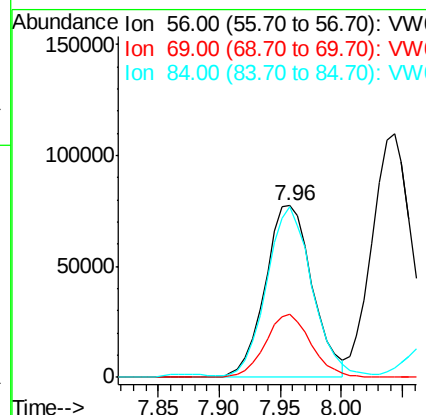
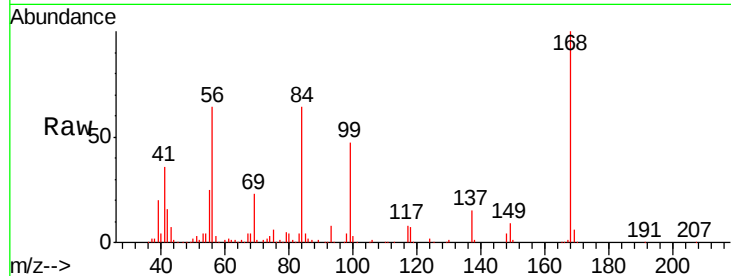
#31
Cyclohexane
Concen: 47.72 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.5	29.4	44.0
84	97.9	74.0	111.0

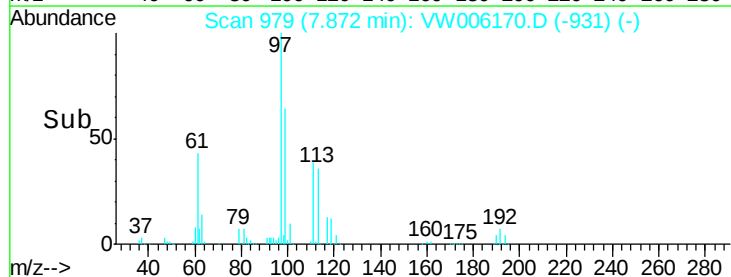
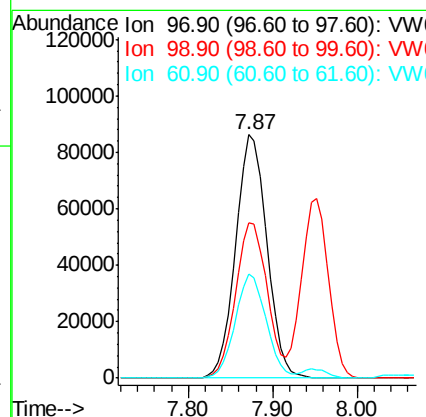
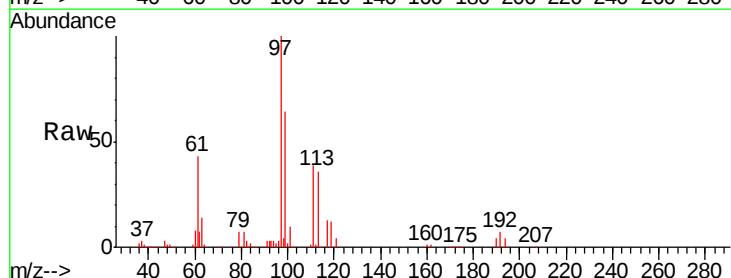
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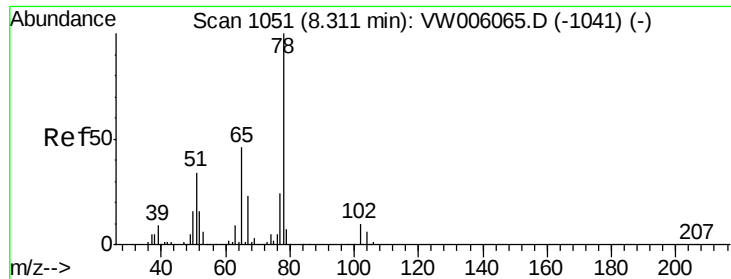
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#32
1,1,1-Trichloroethane
Concen: 50.42 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.9	76.3
61	42.4	33.7	50.5





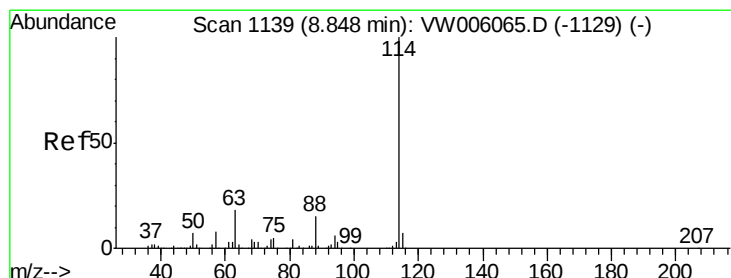
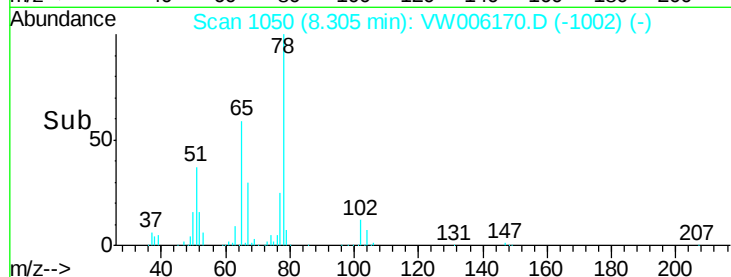
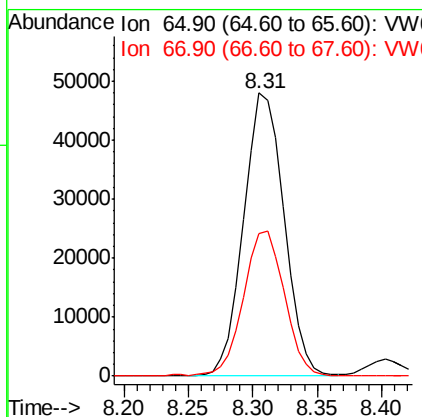
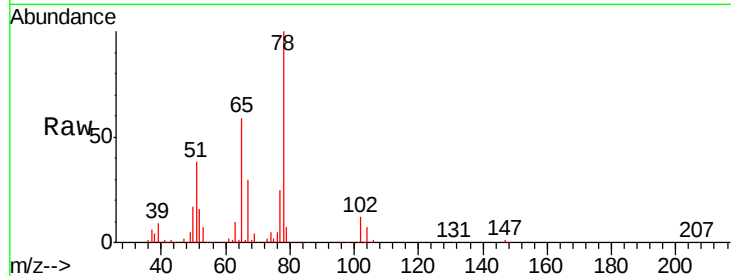
#33
 1,2-Dichloroethane-d4
 Concen: 43.99 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	104691		
67	52.2	0.0	101.0	

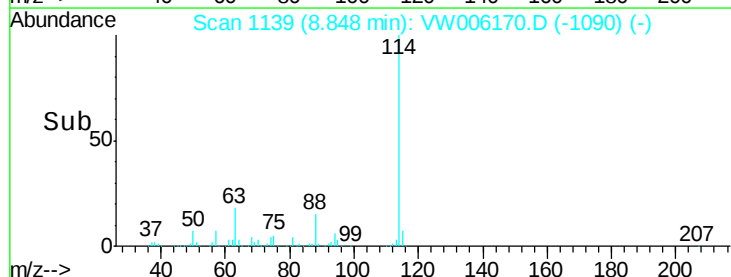
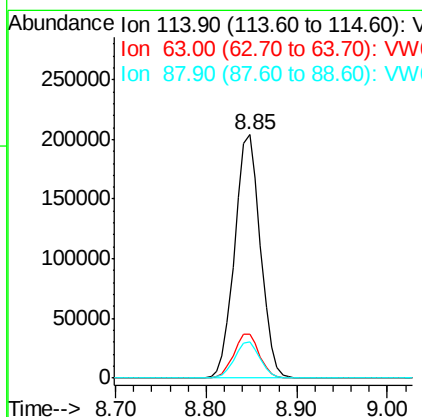
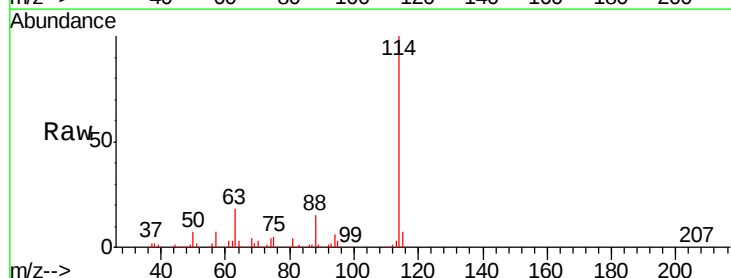
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	401131		
63	17.9	0.0	36.8	
88	14.8	0.0	29.0	





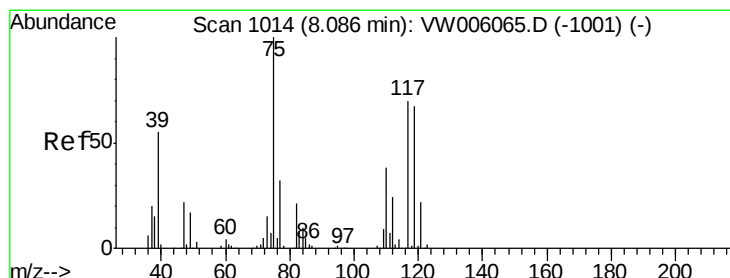
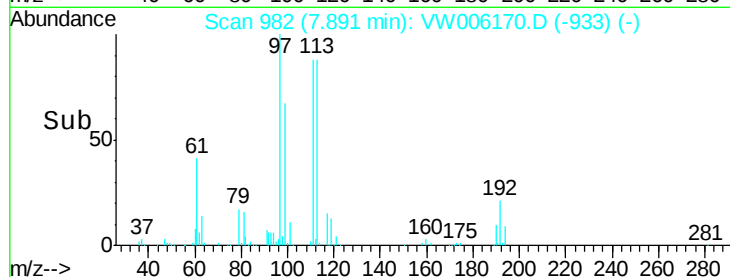
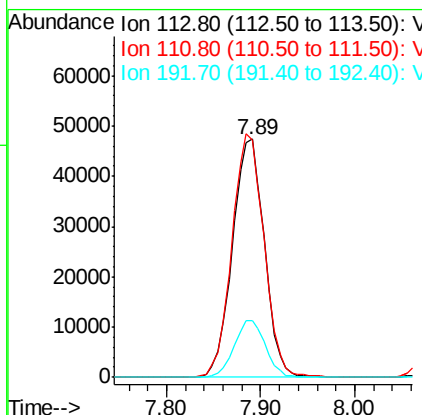
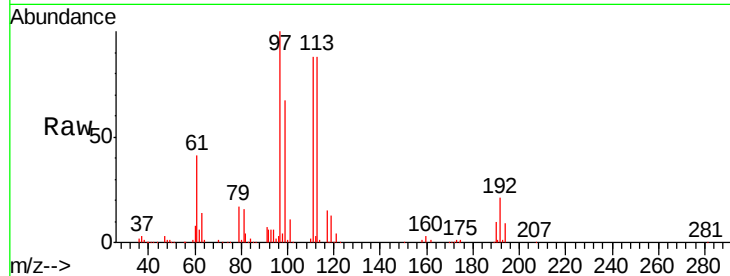
#35
 Dibromofluoromethane
 Concen: 47.26 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	112013		
111	102.5	81.4	122.0	
192	23.3	18.7	28.1	

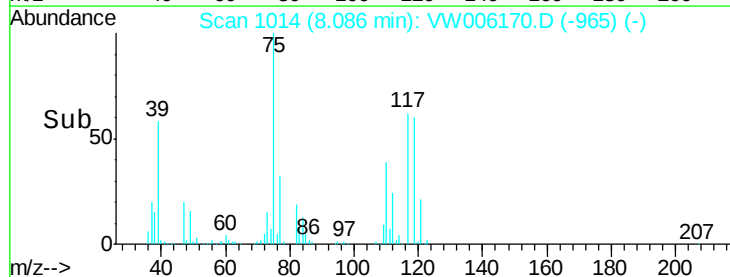
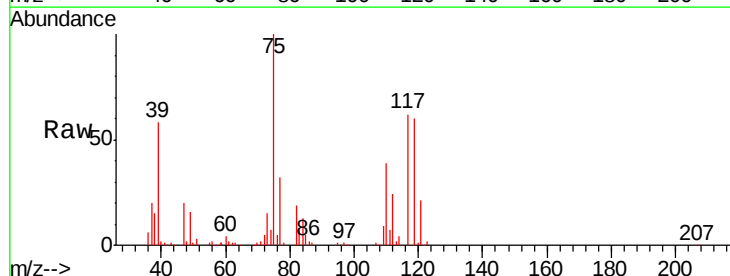
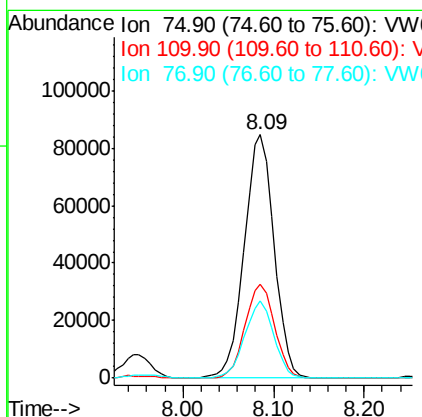
Manual Integrations
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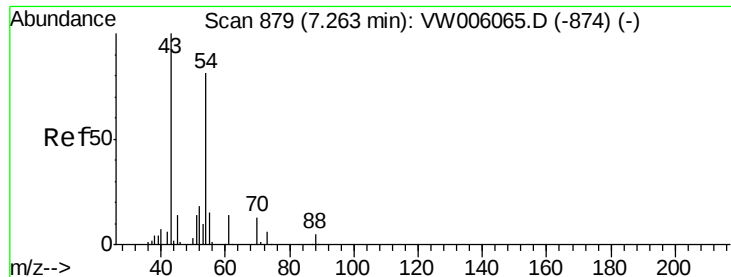
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#36
 1,1-Dichloropropene
 Concen: 52.07 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192525		
110	38.2	19.1	57.1	
77	30.9	25.0	37.4	





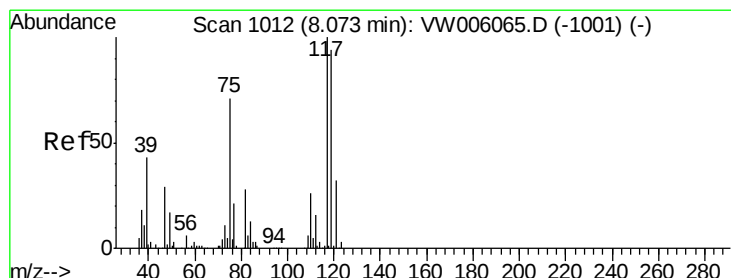
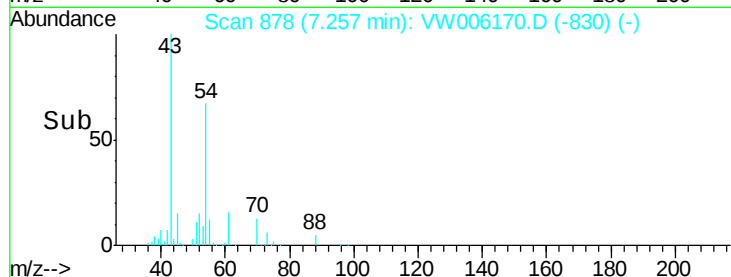
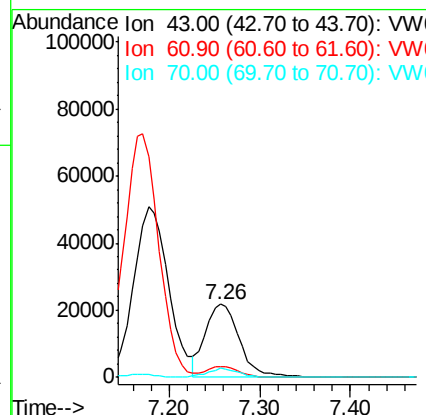
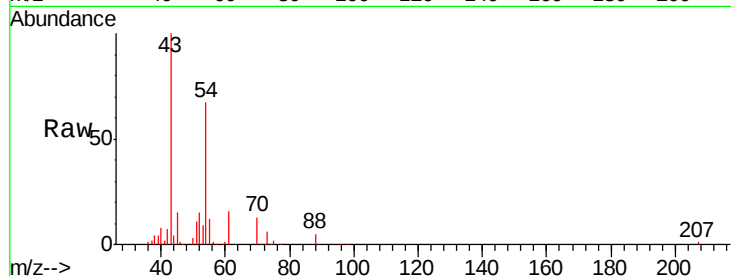
#37
Ethyl Acetate
Concen: 41.45 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.5	17.3
70	11.5	9.2	13.8

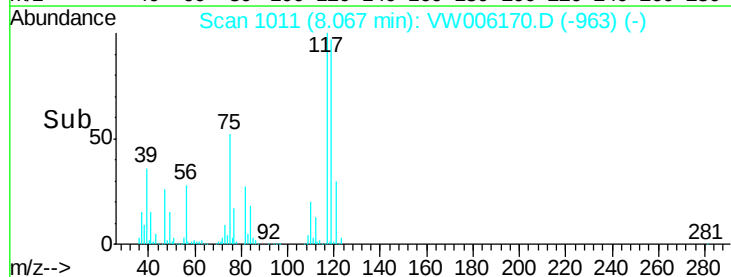
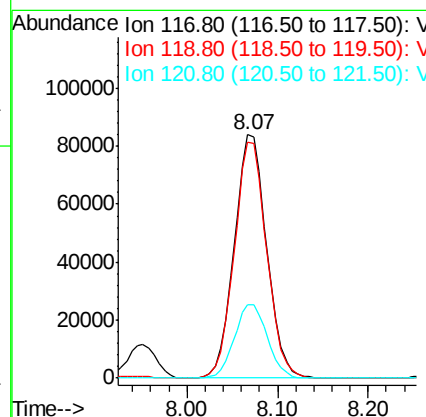
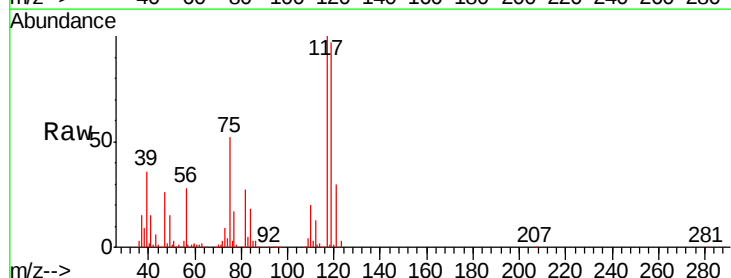
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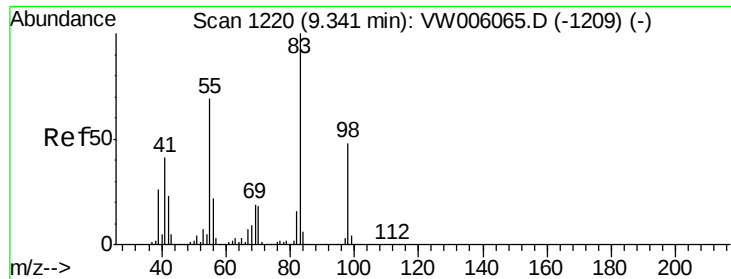
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#38
Carbon Tetrachloride
Concen: 51.28 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.2	112.8
121	29.9	25.3	37.9





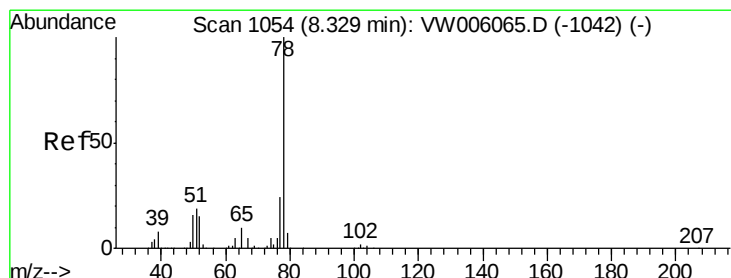
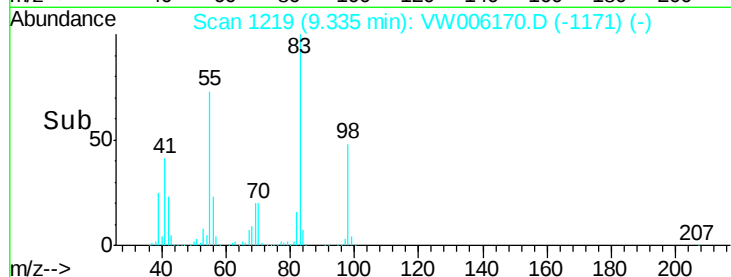
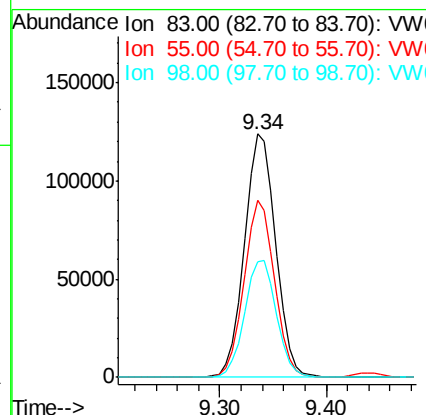
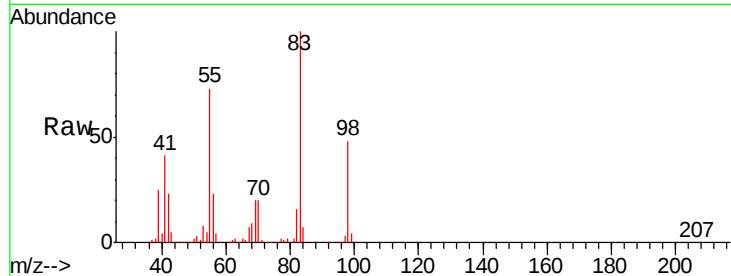
#39
Methylcyclohexane
Concen: 52.06 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	255858		
55	72.8		55.0	82.6
98	47.7		38.6	57.8

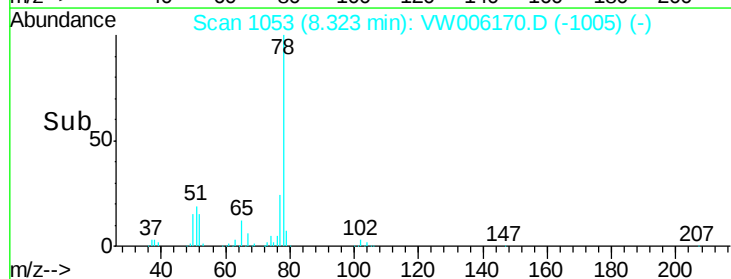
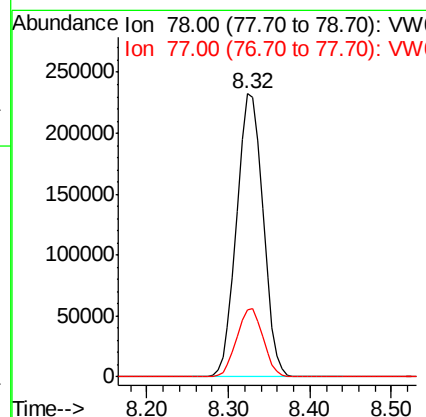
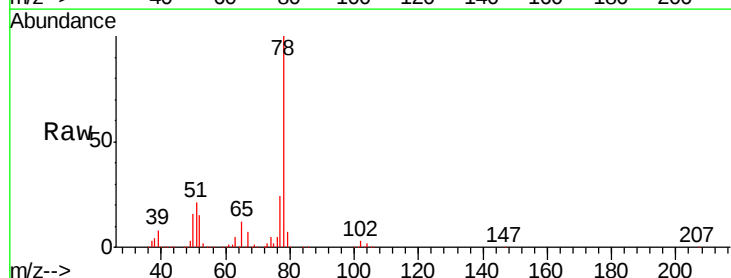
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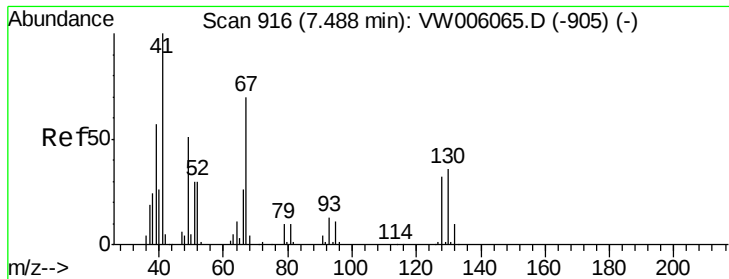
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#40
Benzene
Concen: 51.18 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	519095		
77	23.9		19.4	29.0





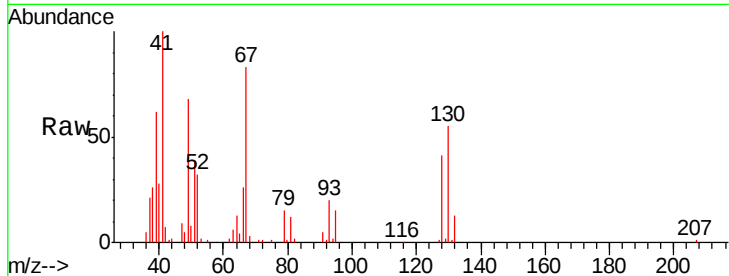
#41
Methacrylonitrile
Concen: 42.24 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

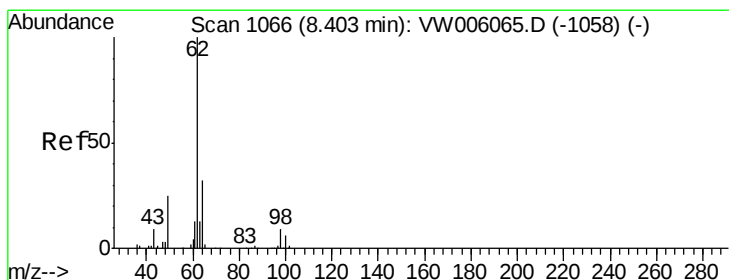
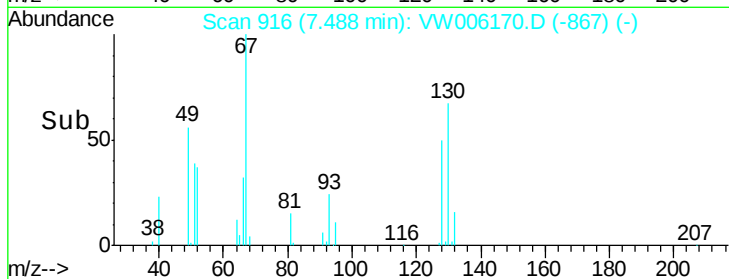
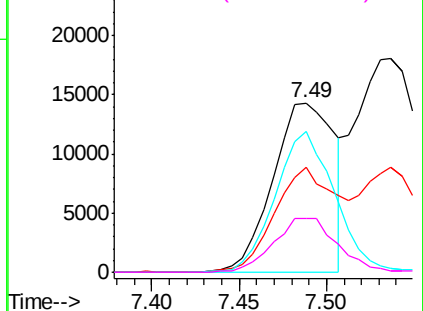
Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.4	46.2	69.4
67	80.9	57.7	86.5
52	33.3	24.7	37.1

Manual Integrations
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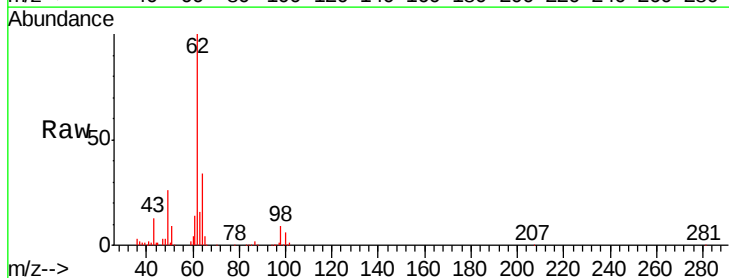


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

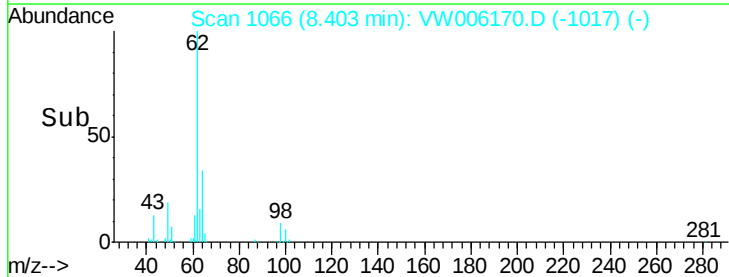
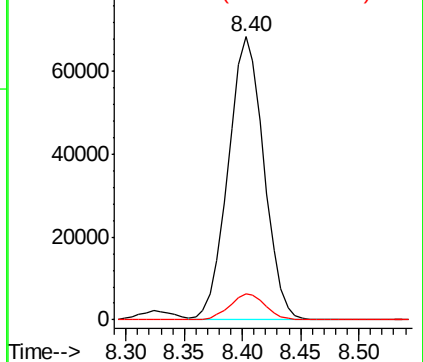


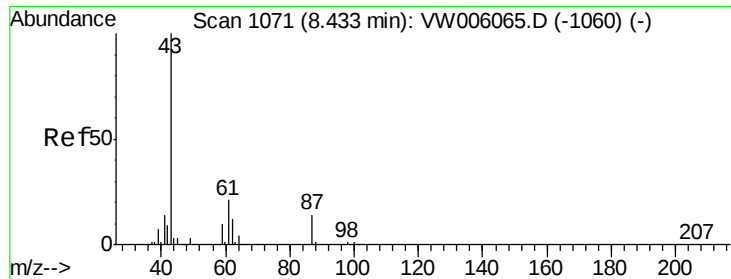
#42
1,2-Dichloroethane
Concen: 48.87 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 42.67 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

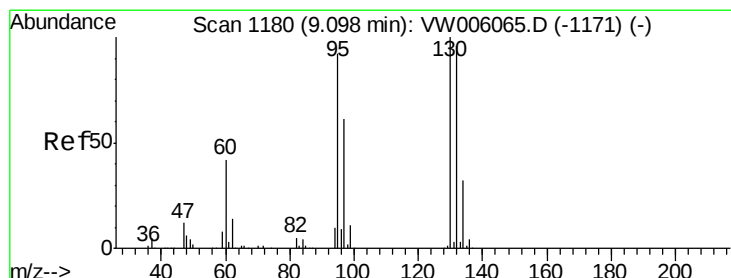
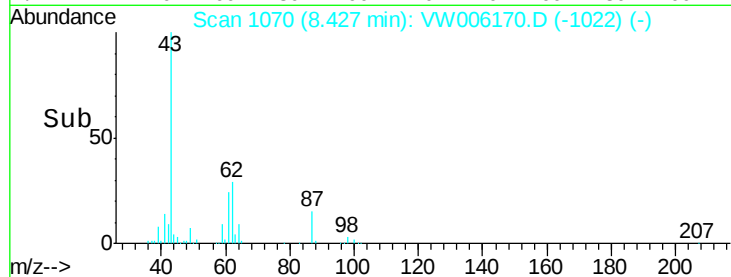
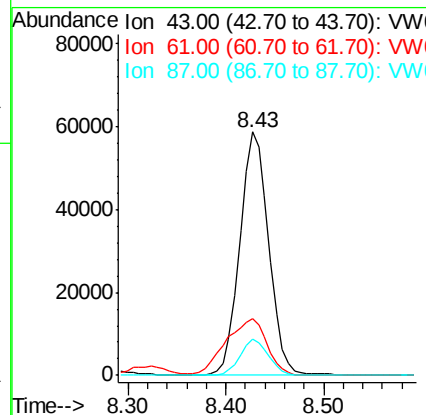
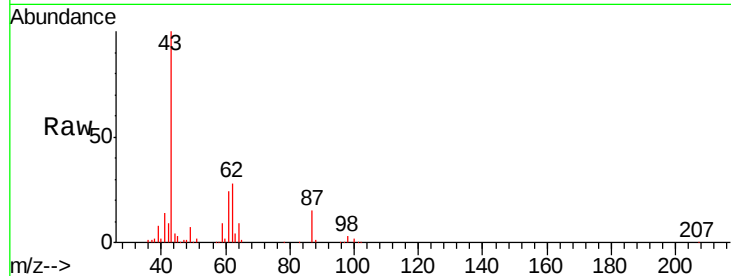
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	119842
Ion Ratio	Lower	Upper	
43	100		
61	33.1	25.5	38.3
87	14.6	11.7	17.5

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#44

Trichloroethene

Concen: 52.16 ug/l

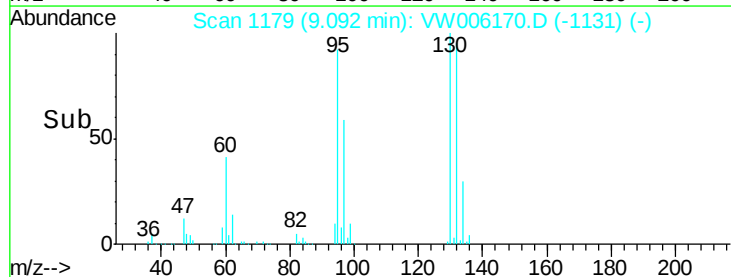
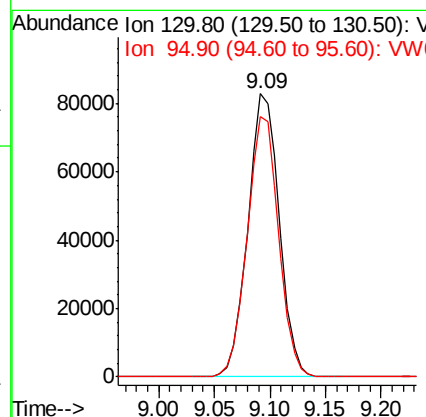
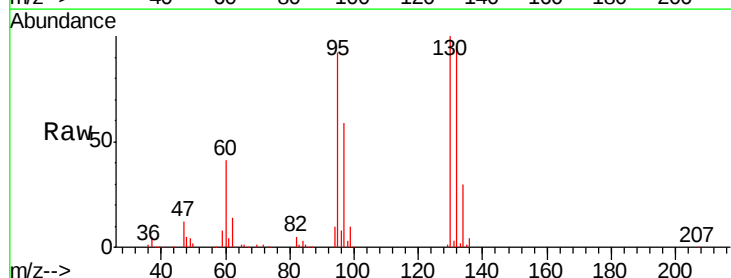
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Tgt Ion:	130	Resp:	162303
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	183.2





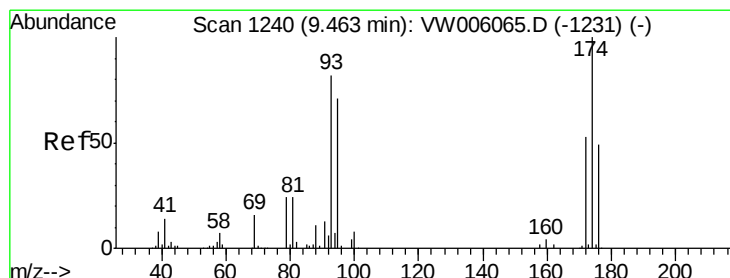
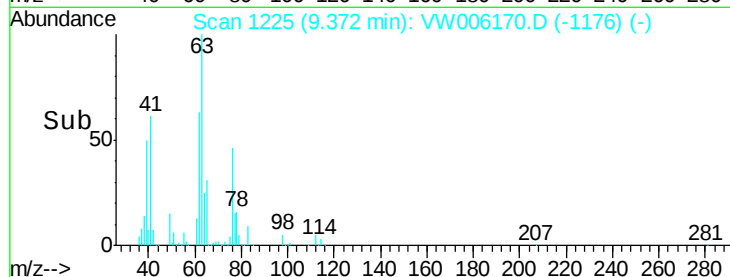
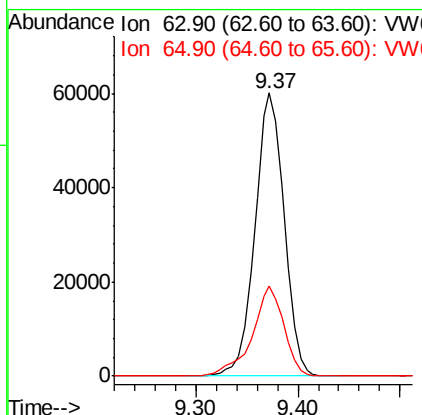
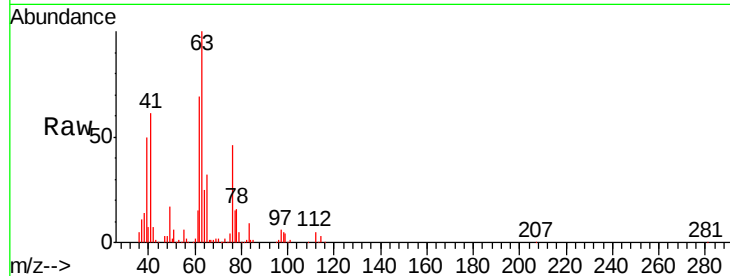
#45
 1,2-Dichloropropane
 Concen: 49.54 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 120219
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.4 38.0

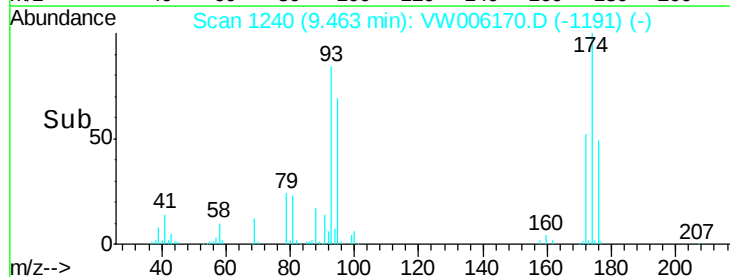
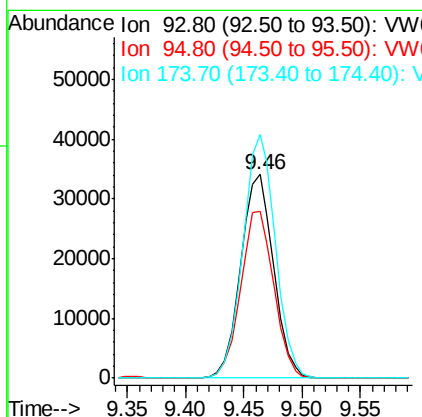
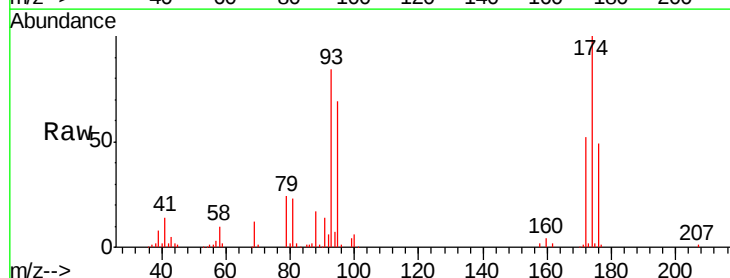
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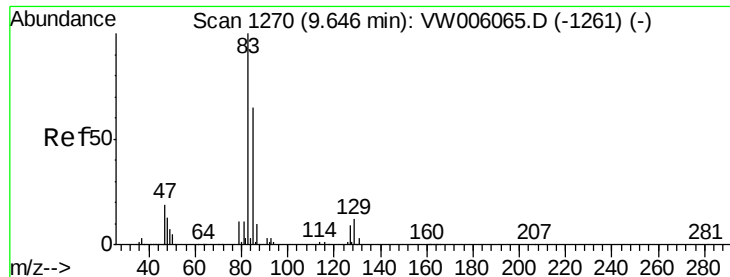
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#46
 Dibromomethane
 Concen: 48.46 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion: 93 Resp: 67034
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.7 101.5
 174 117.7 93.7 140.5





#47

Bromodichloromethane

Concen: 48.65 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

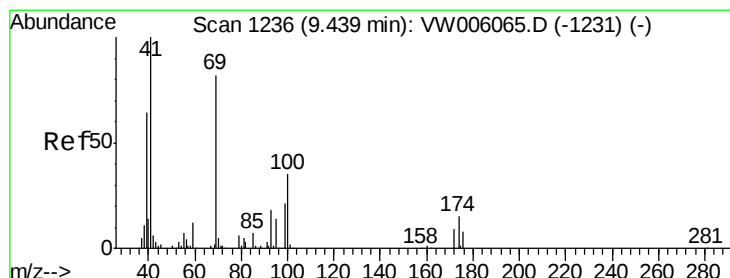
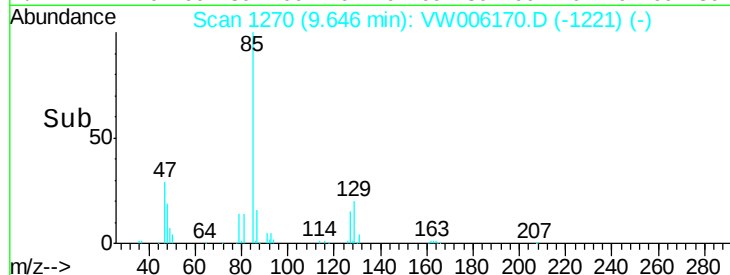
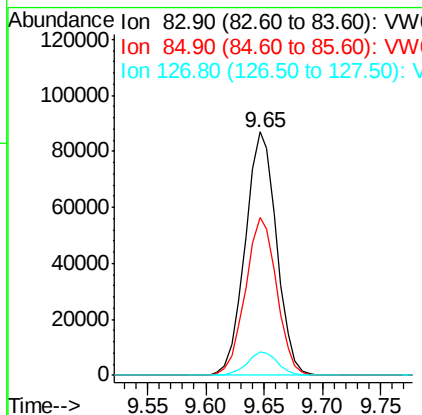
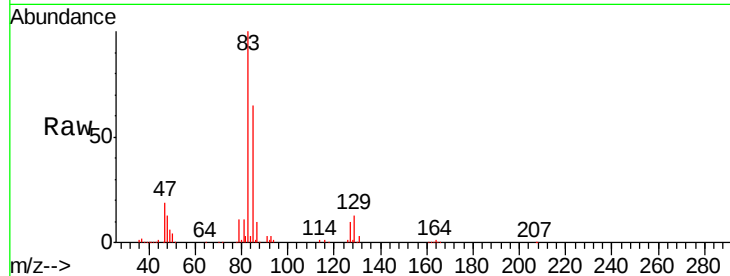
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	163150
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8
127	9.6	6.9	10.3

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#48

Methyl methacrylate

Concen: 44.55 ug/l

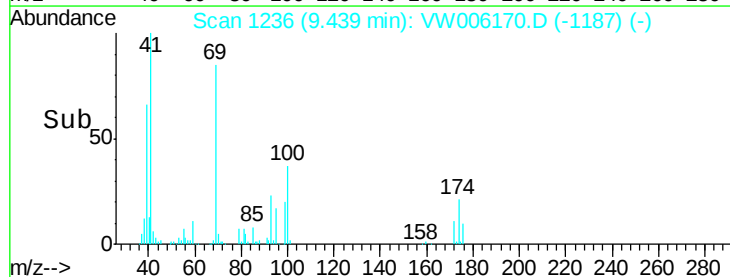
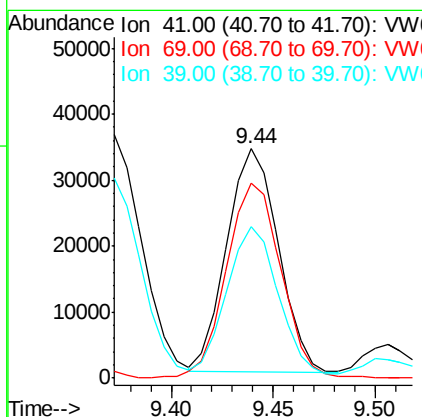
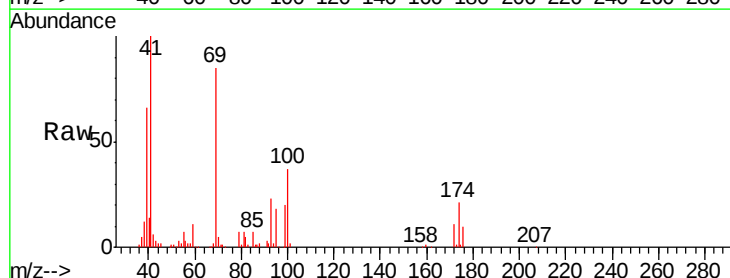
RT: 9.44 min Scan# 1236

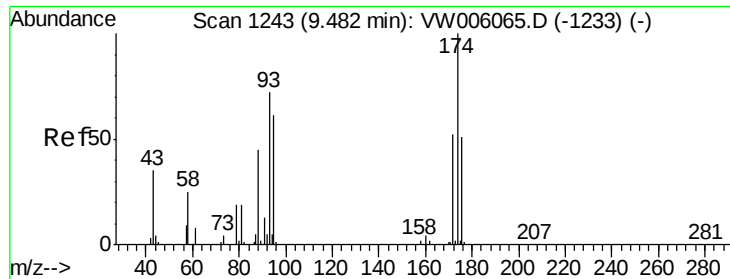
Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Tgt Ion:	41	Resp:	59313
Ion	Ratio	Lower	Upper
41	100		
69	92.8	71.8	107.8
39	65.3	52.5	78.7





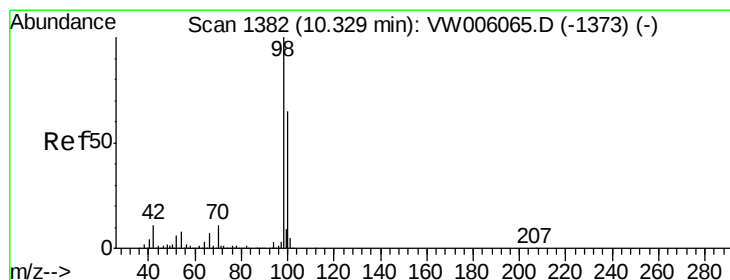
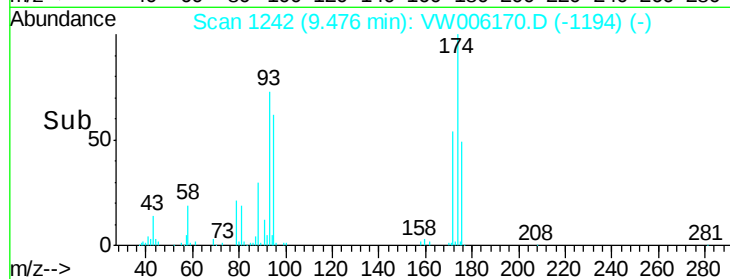
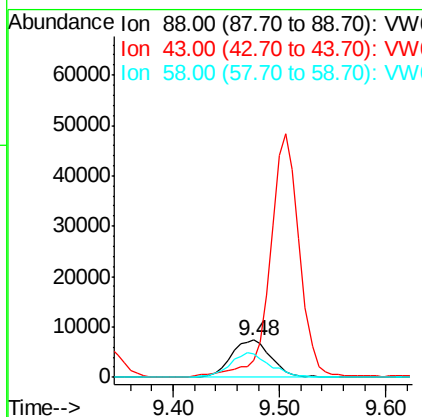
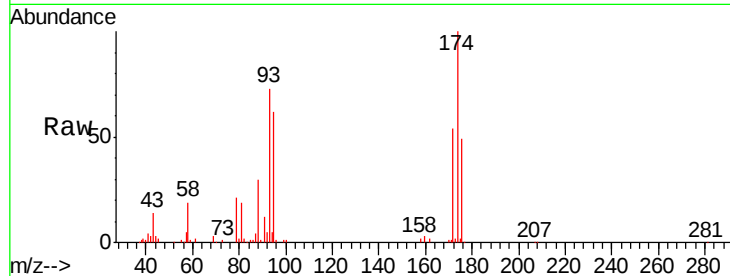
#49
1,4-Dioxane
Concen: 916.21 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.3	51.2	76.8

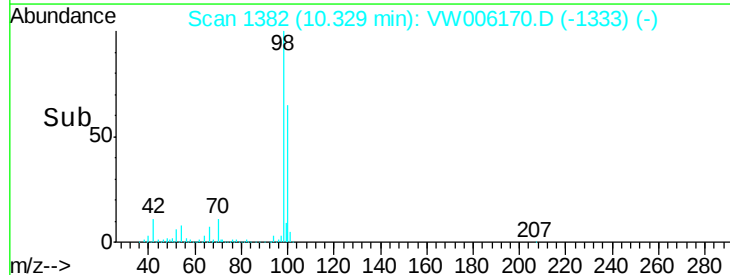
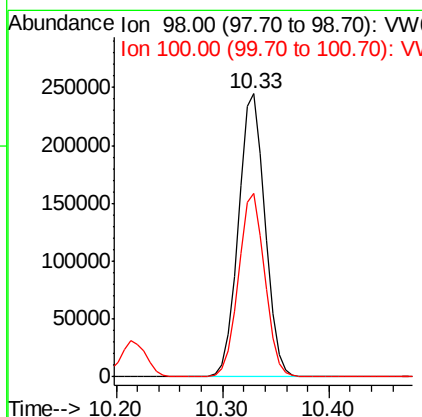
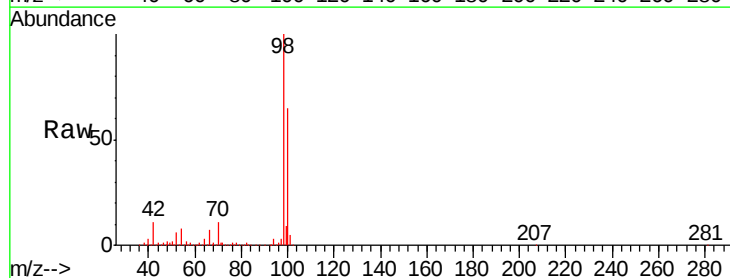
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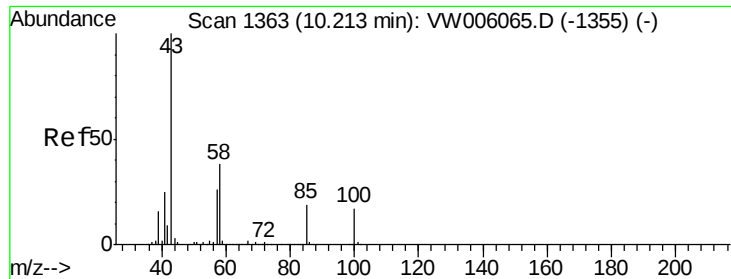
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#50
Toluene-d8
Concen: 47.59 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





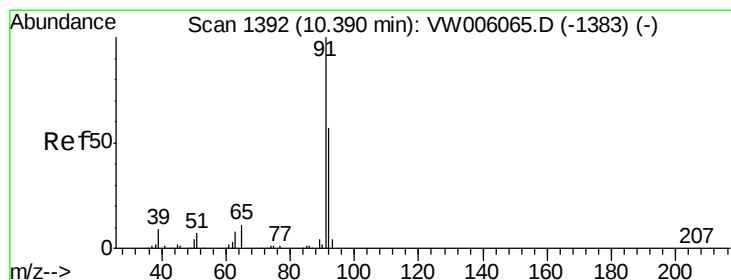
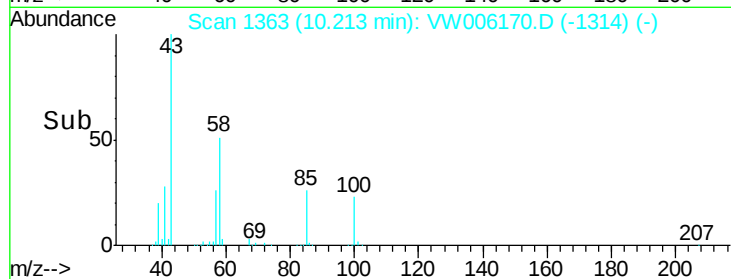
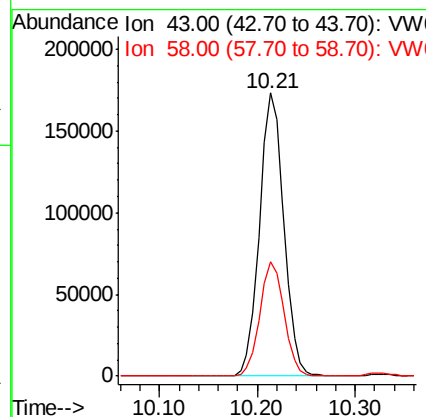
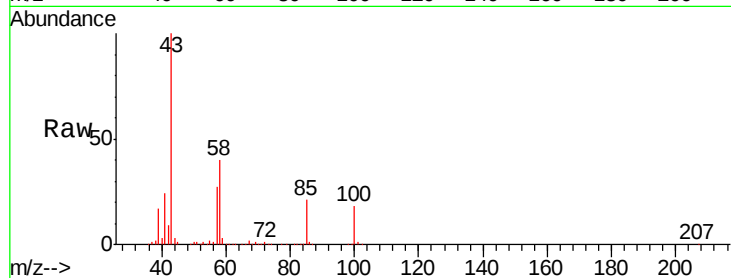
#51
 4-Methyl-2-Pentanone
 Concen: 212.07 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 298438
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.5 47.3

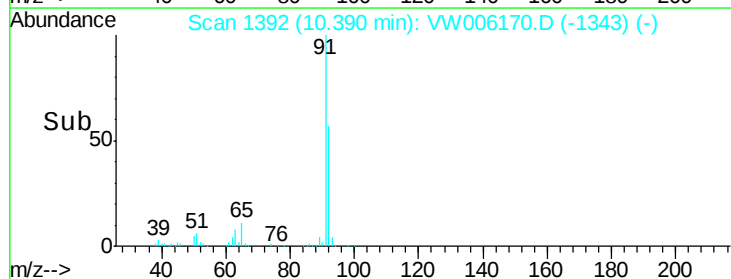
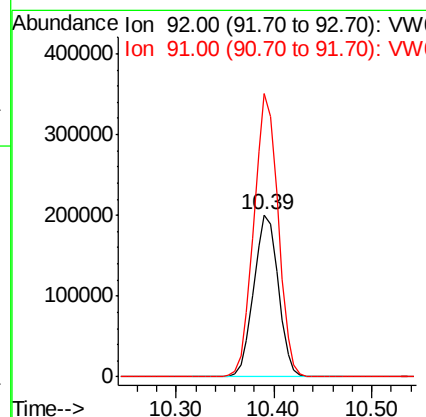
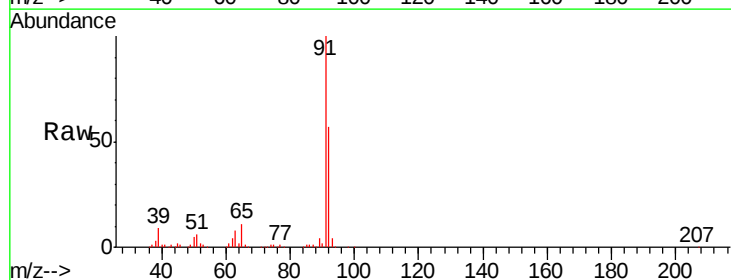
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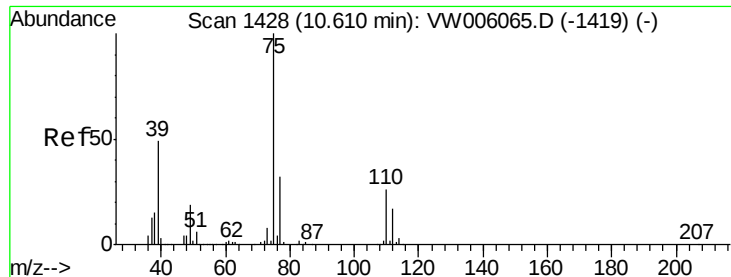
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#52
 Toluene
 Concen: 51.50 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion: 92 Resp: 350180
 Ion Ratio Lower Upper
 92 100
 91 172.9 140.0 210.0





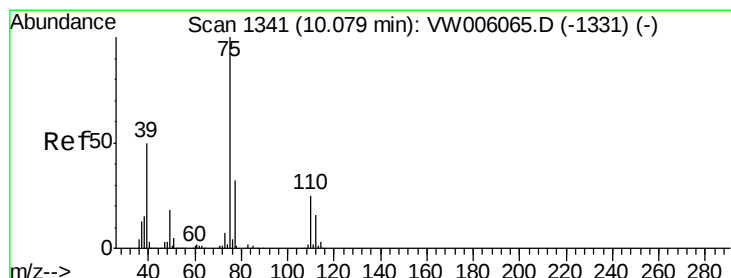
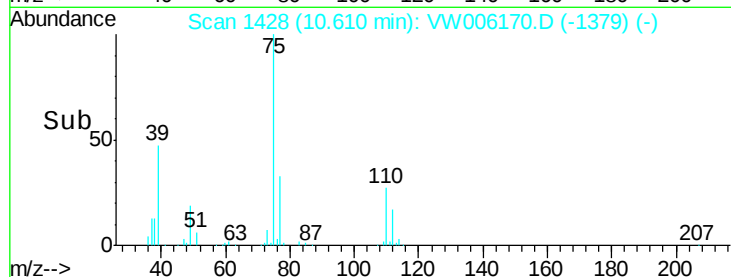
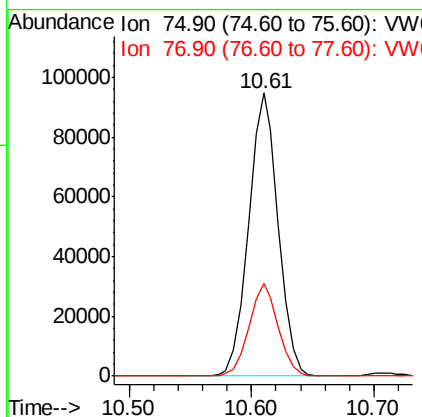
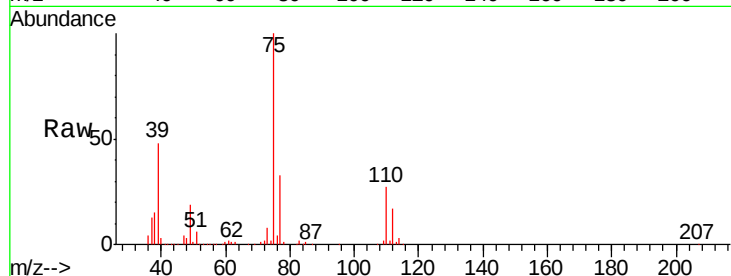
#53
t-1,3-Dichloropropene
Concen: 47.34 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 158177
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2

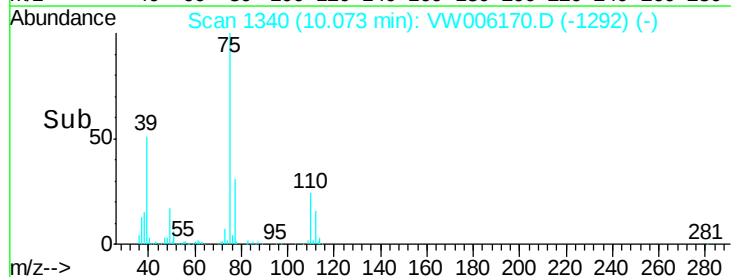
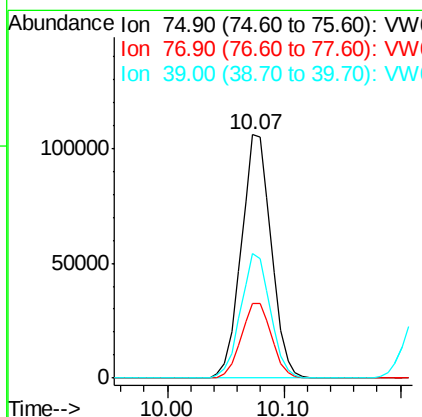
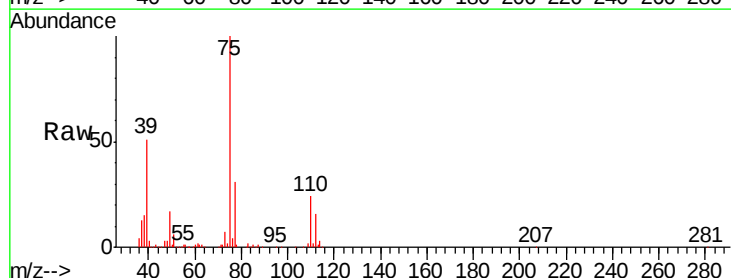
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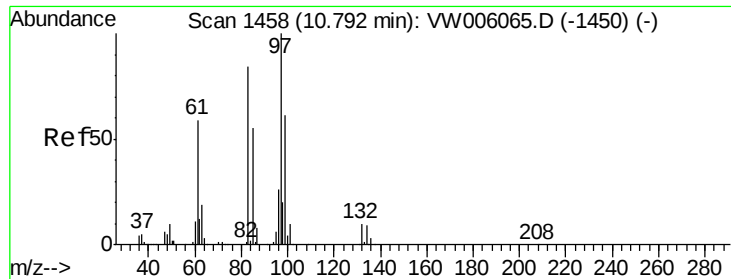
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#54
cis-1,3-Dichloropropene
Concen: 49.59 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion: 75 Resp: 190176
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 51.0 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 47.46 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

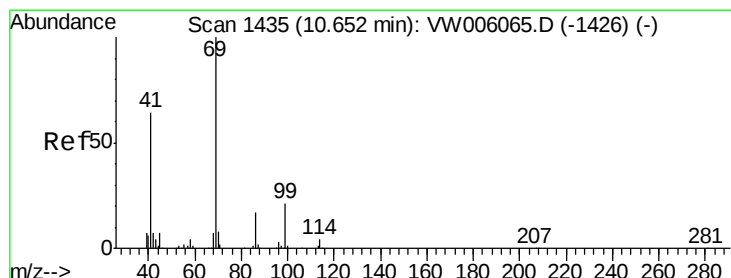
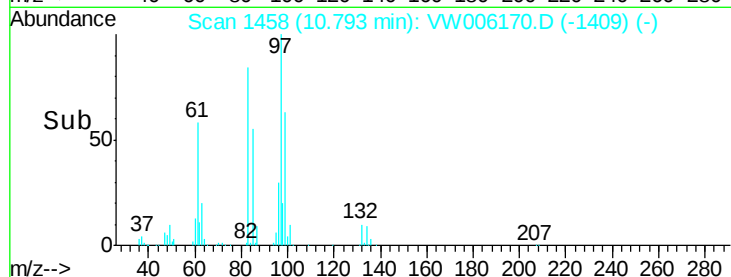
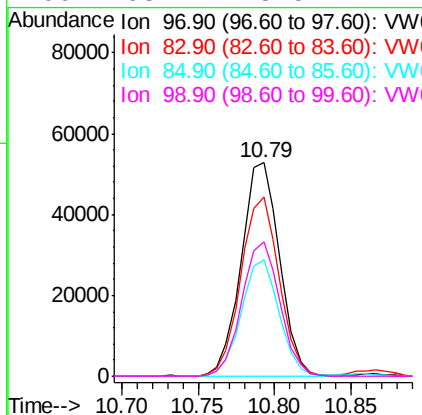
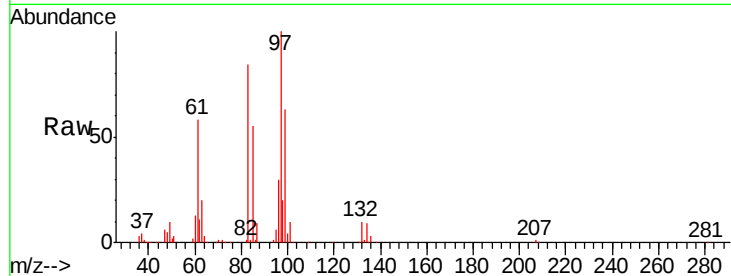
ClientSampleId :

VSTDCCC050

Tgt Ion:	97	Resp:	91871
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.2	100.8
85	54.6	43.7	65.5
99	63.1	48.5	72.7

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#56

Ethyl methacrylate

Concen: 45.50 ug/l

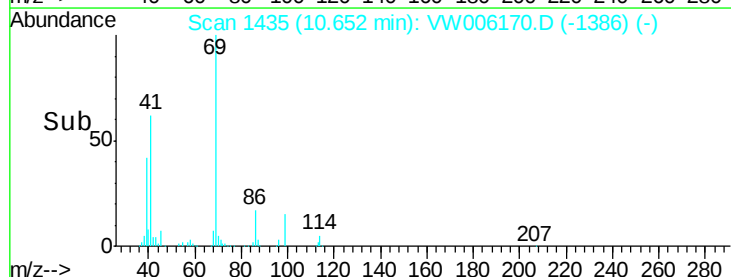
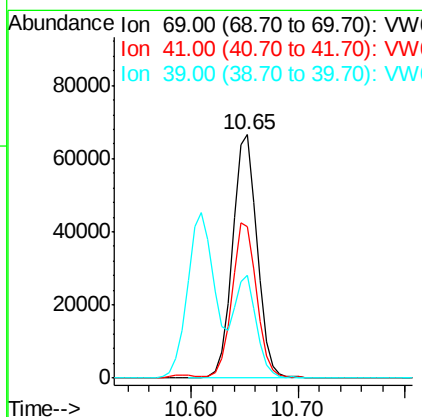
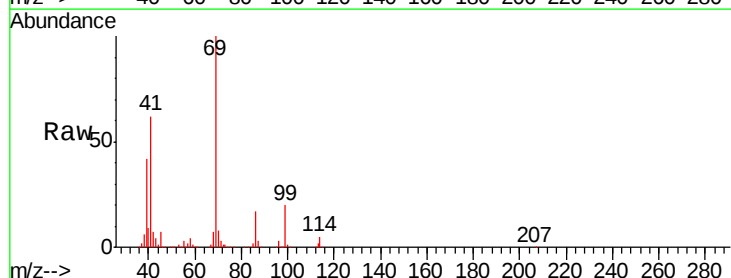
RT: 10.65 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Tgt Ion:	69	Resp:	107982
Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.8	79.2
39	36.4	30.6	45.8





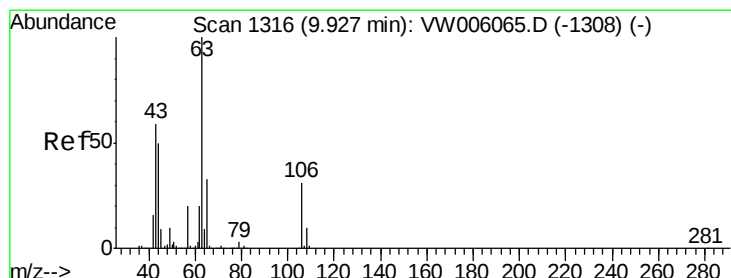
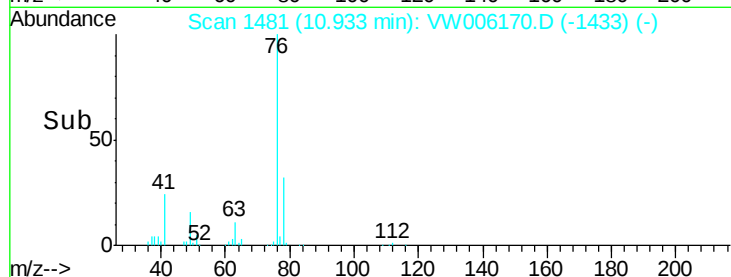
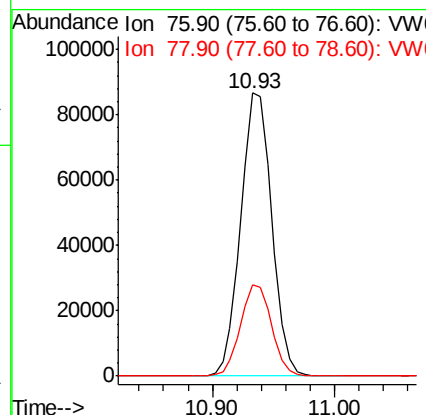
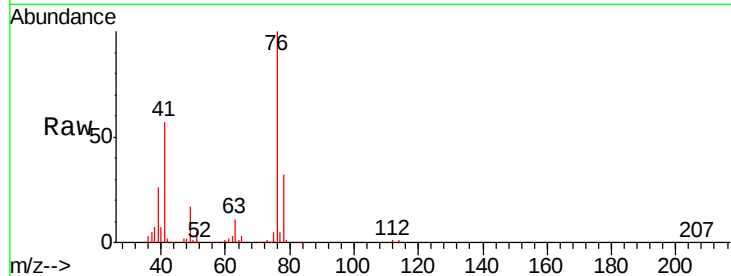
#57
 1,3-Dichloropropane
 Concen: 47.60 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

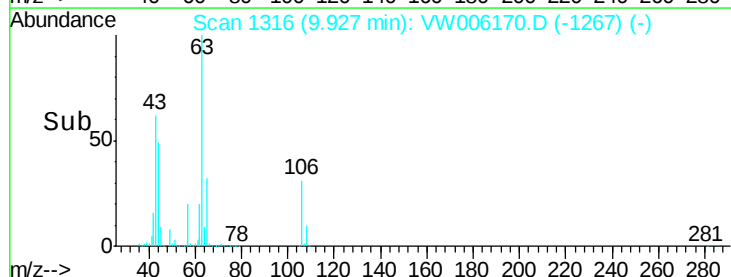
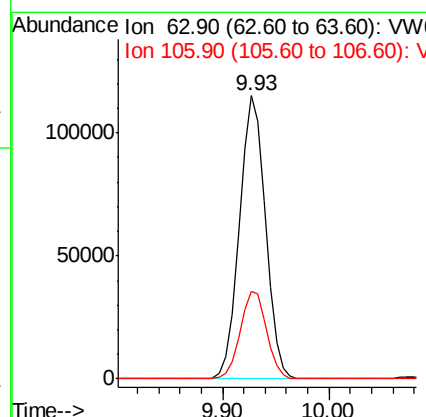
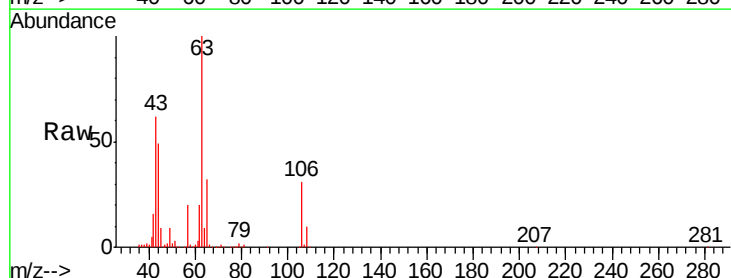
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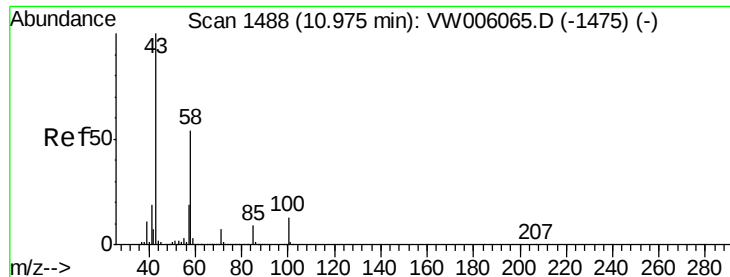
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#58
 2-Chloroethyl Vinyl ether
 Concen: 218.31 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	24.5	36.7





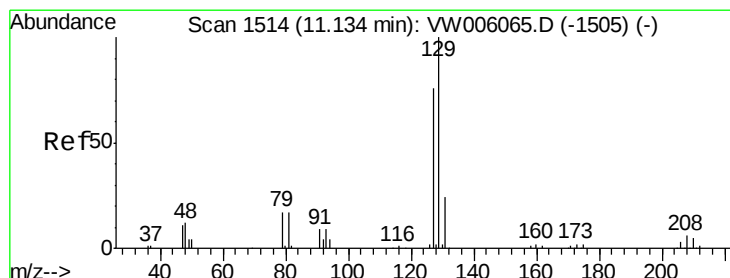
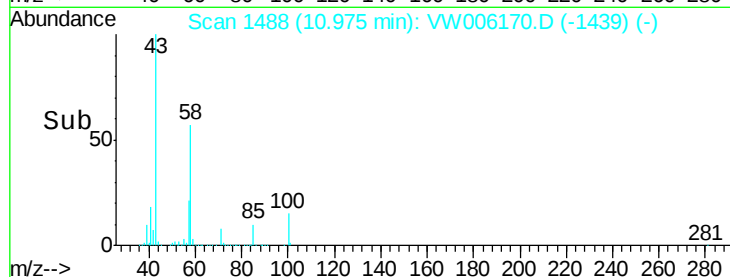
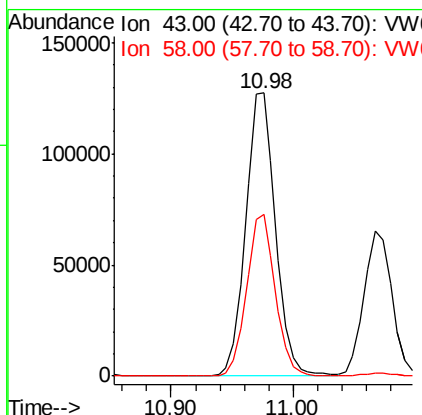
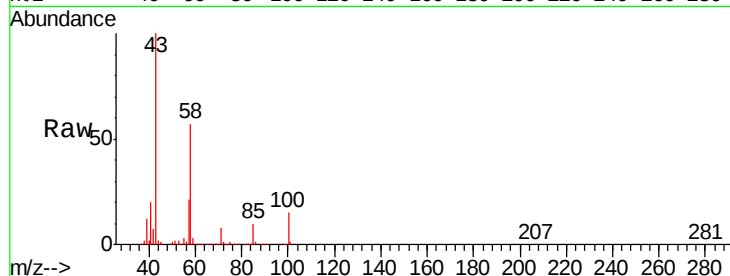
#59
2-Hexanone
Concen: 214.89 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 215874
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.6

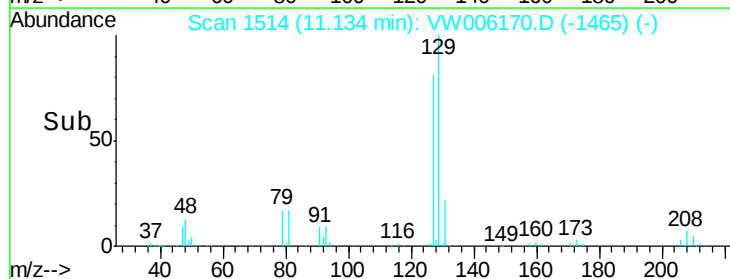
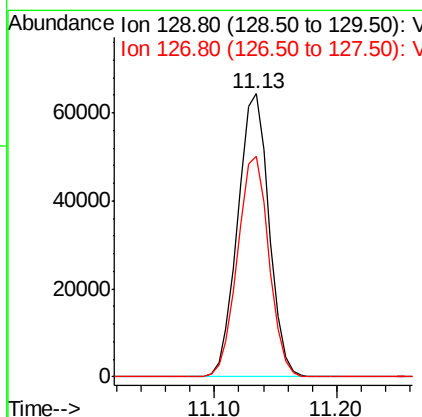
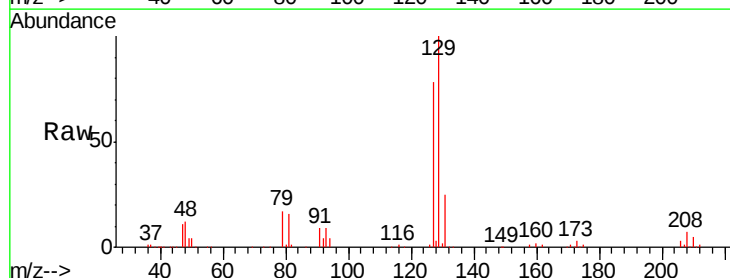
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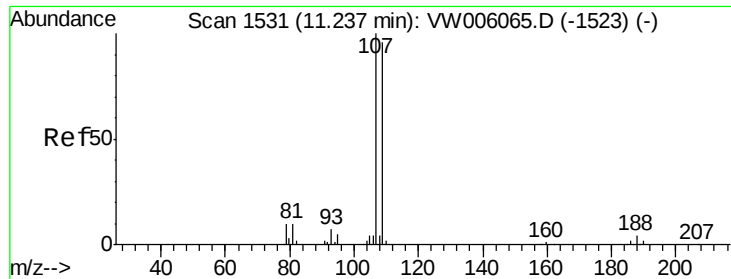
apatel
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#60
Dibromochloromethane
Concen: 47.32 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion: 129 Resp: 114086
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.7





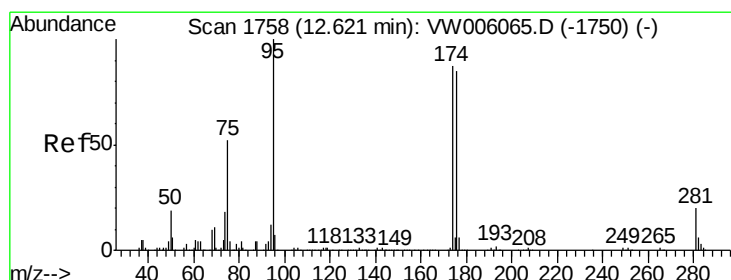
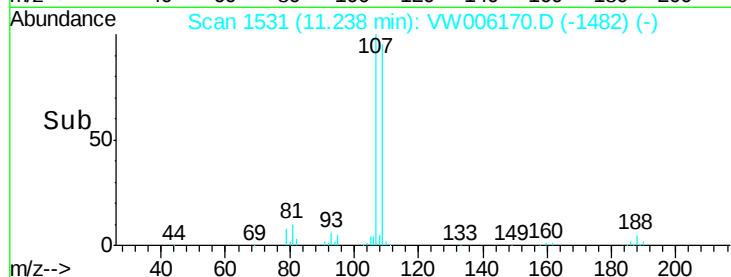
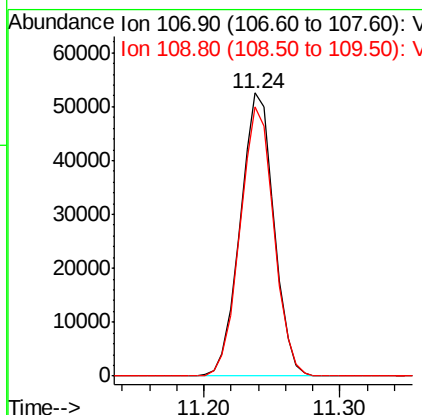
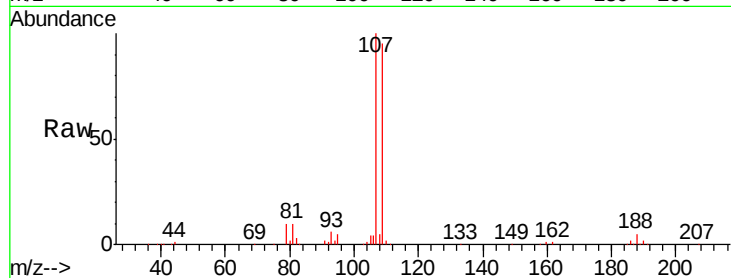
#61
 1,2-Dibromoethane
 Concen: 47.00 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 90909
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.3 114.5

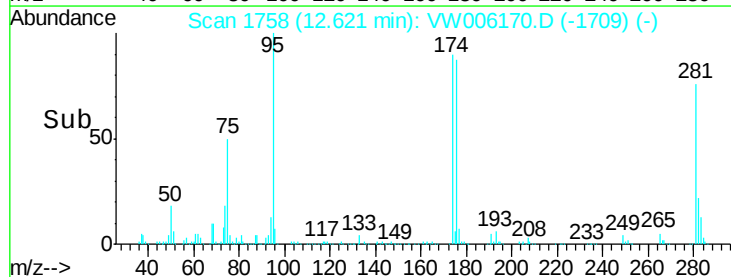
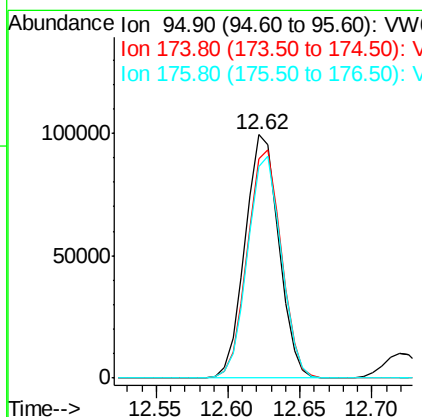
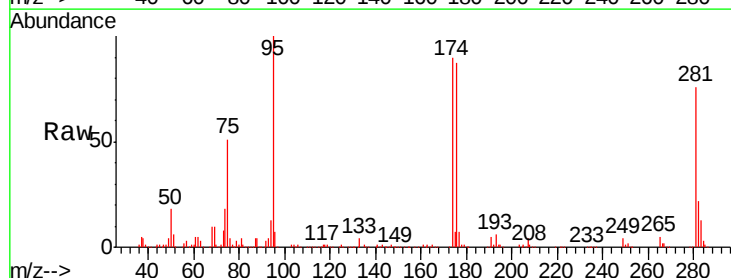
Manual Integrations
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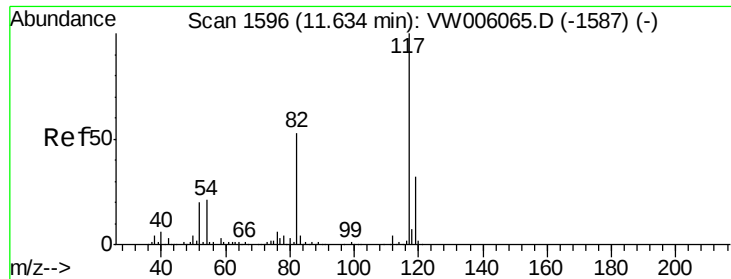
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.54 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion: 95 Resp: 161007
 Ion Ratio Lower Upper
 95 100
 174 93.9 0.0 186.0
 176 90.8 0.0 181.6





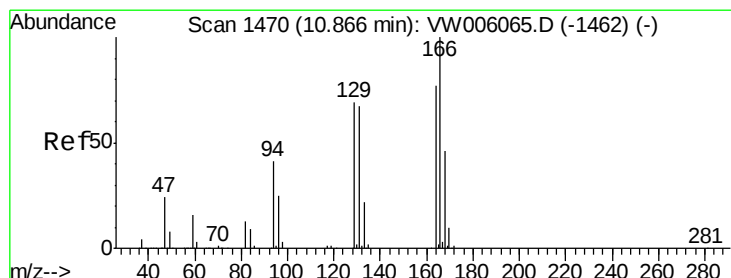
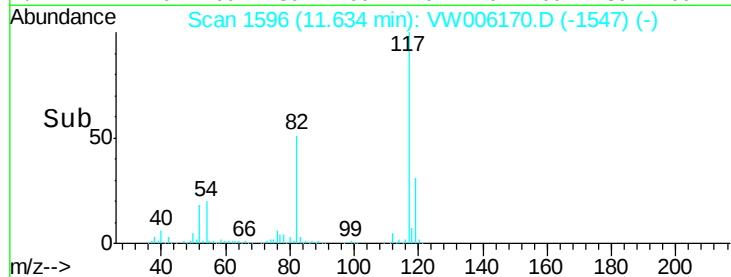
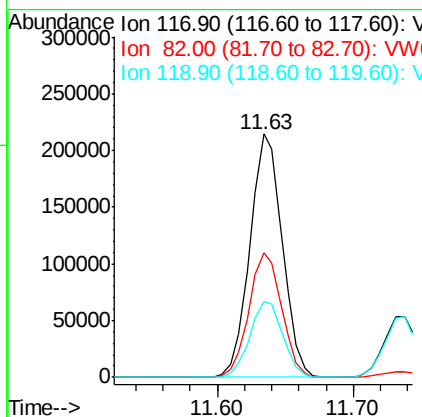
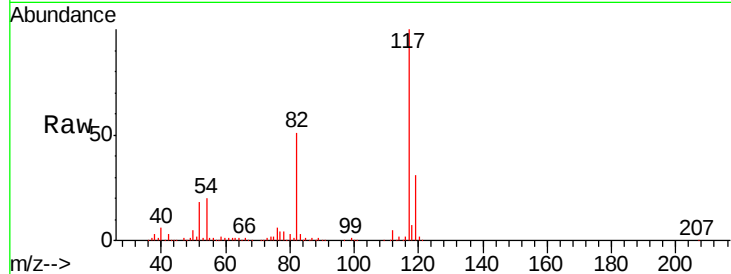
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	358801		
82	51.0	42.1	63.1	
119	31.4	25.8	38.6	

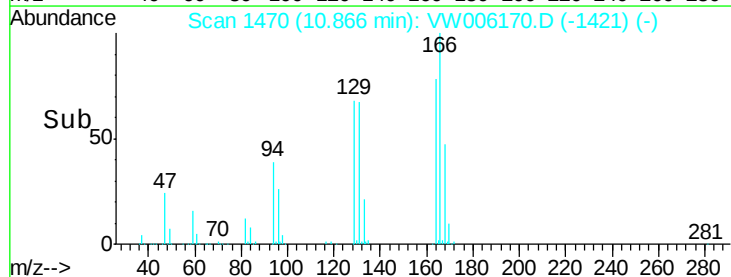
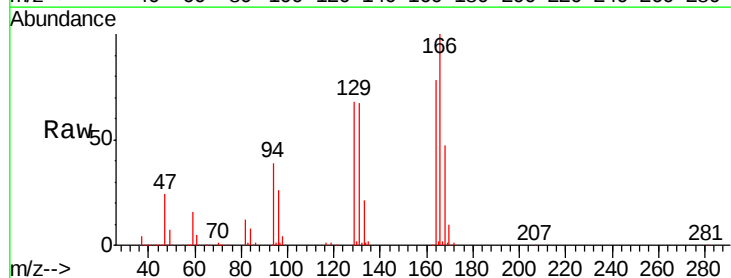
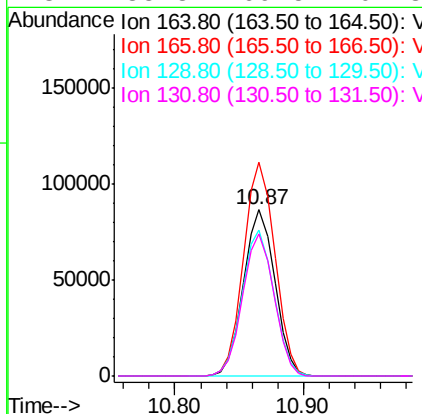
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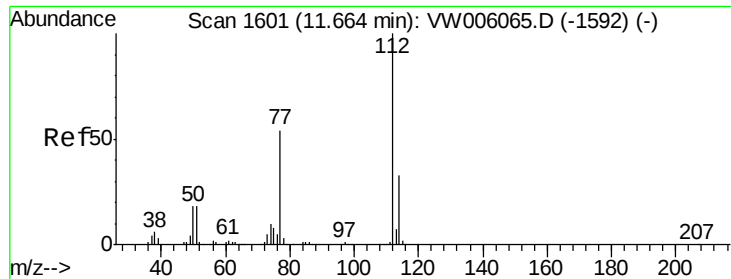
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#64
Tetrachloroethene
Concen: 52.28 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145631		
166	128.5	103.4	155.0	
129	87.7	71.8	107.8	
131	85.8	69.5	104.3	





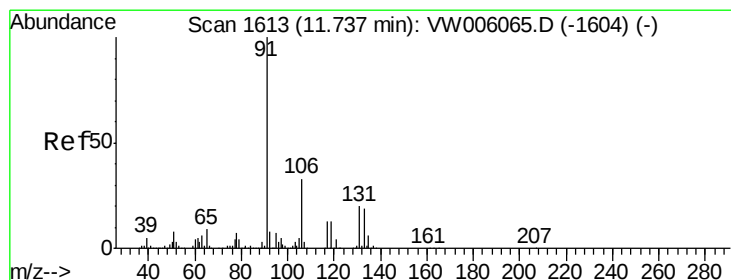
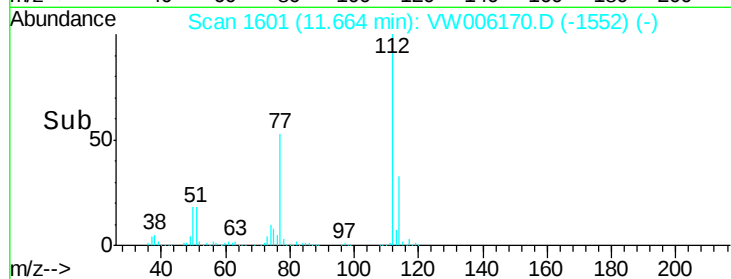
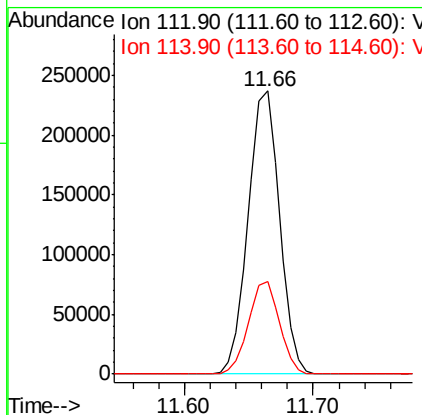
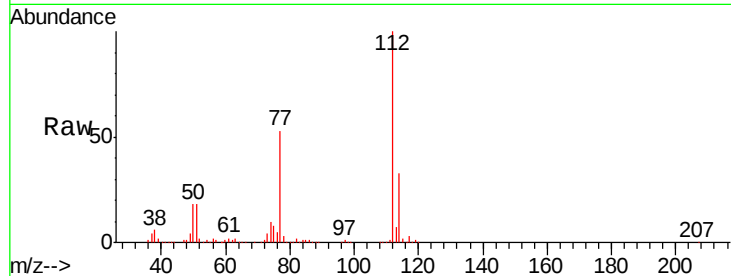
#65
Chlorobenzene
Concen: 51.87 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 398429
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

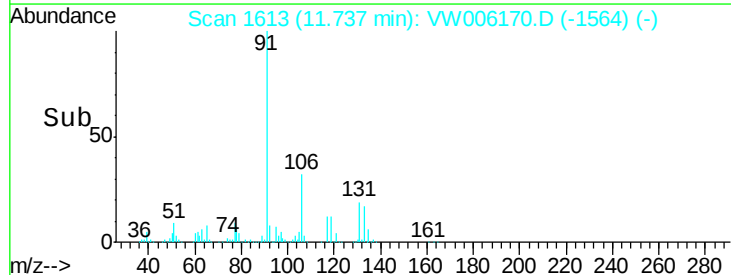
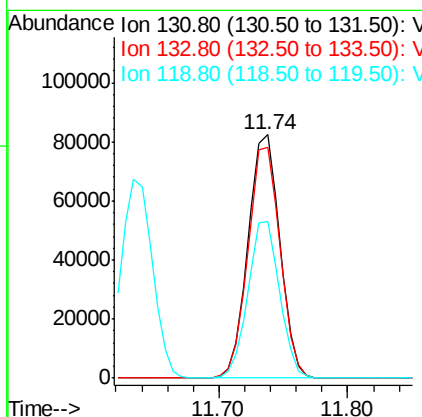
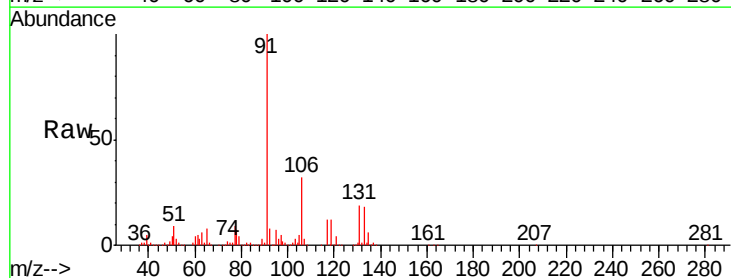
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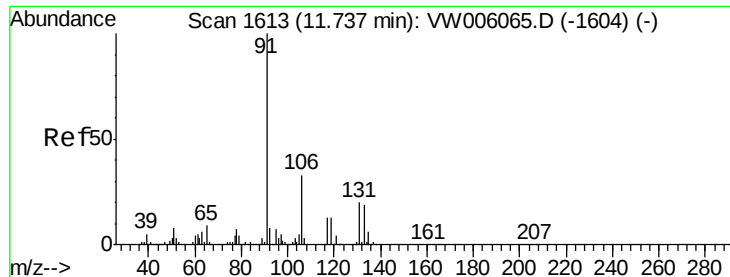
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.36 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion:131 Resp: 140204
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.3
119 63.9 31.6 94.7





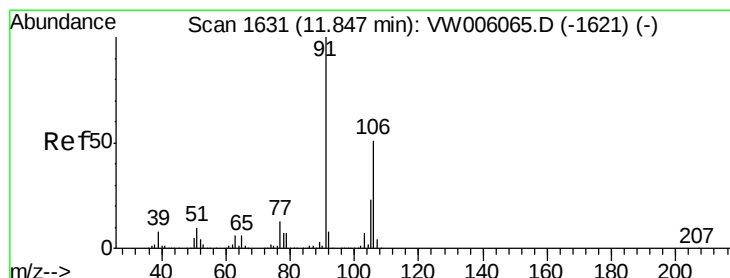
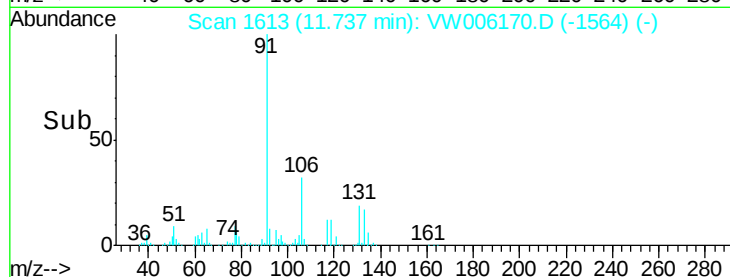
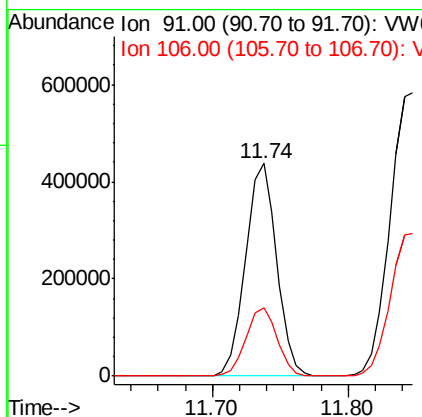
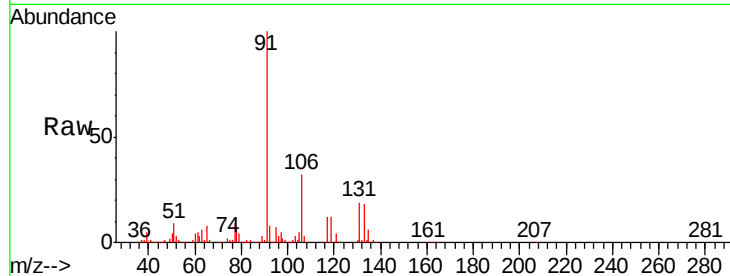
#67
Ethyl Benzene
Concen: 52.77 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 702454
Ion Ratio Lower Upper
91 100
106 32.1 26.1 39.1

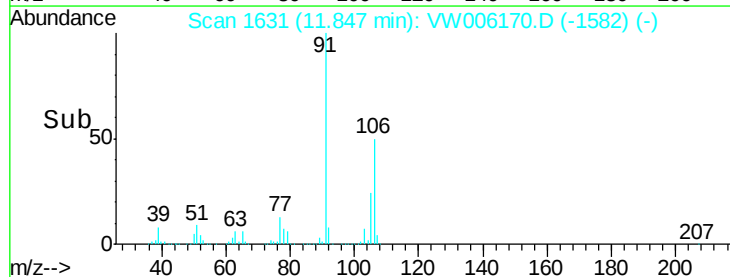
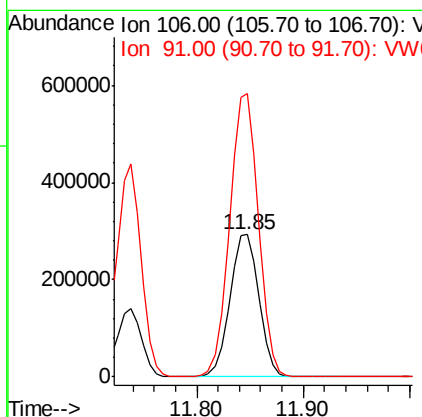
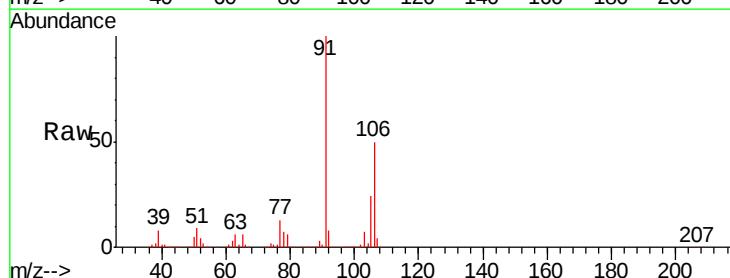
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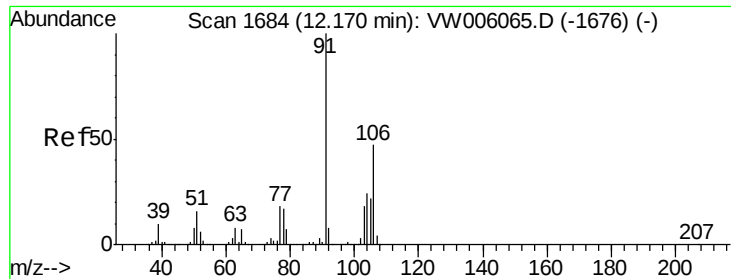
apatel
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#68
m/p-Xylenes
Concen: 105.80 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion: 106 Resp: 556621
Ion Ratio Lower Upper
106 100
91 197.9 159.1 238.7





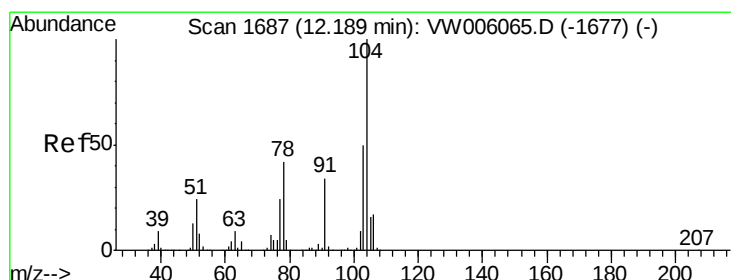
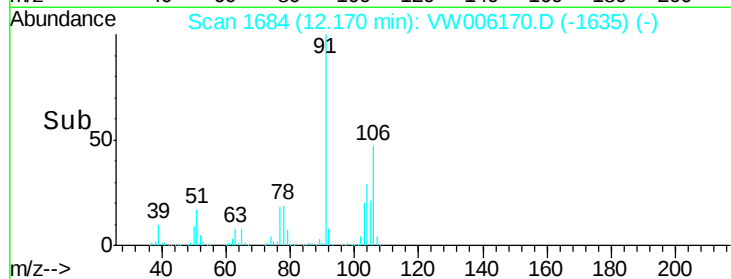
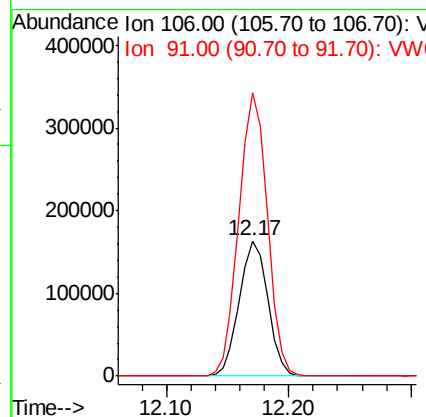
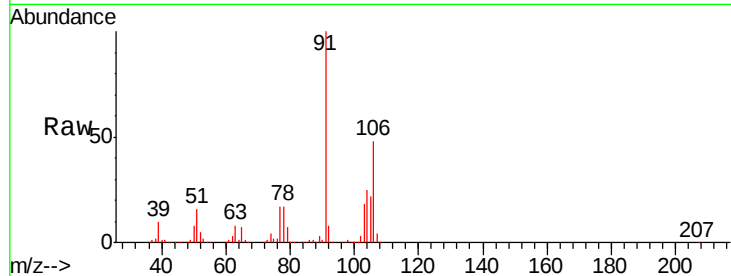
#69
o-Xylene
Concen: 52.76 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 264547
Ion Ratio Lower Upper
106 100
91 209.2 105.4 316.1

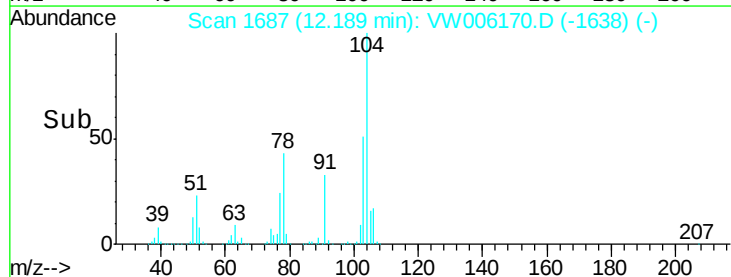
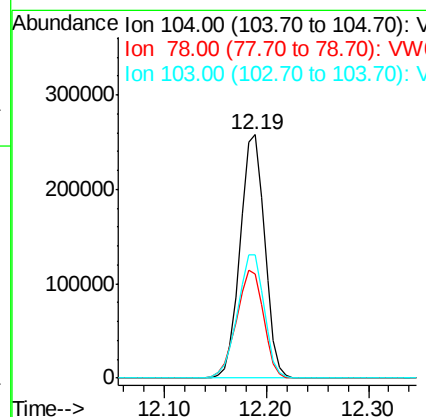
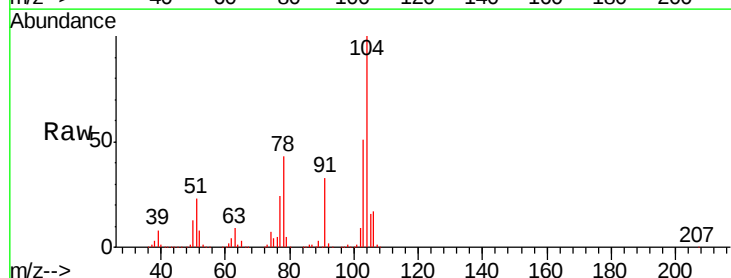
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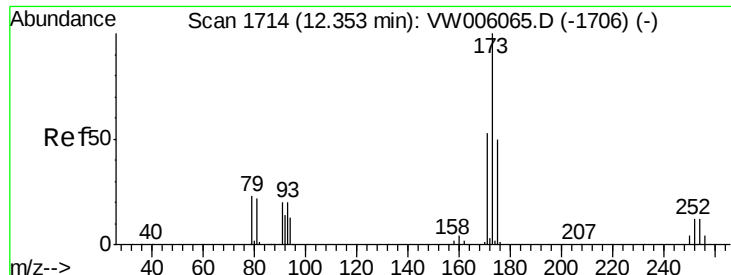
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#70
Styrene
Concen: 52.35 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion:104 Resp: 426823
Ion Ratio Lower Upper
104 100
78 48.7 39.1 58.7
103 55.1 44.3 66.5





#71

Bromoform

Concen: 45.15 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 68737

Ion Ratio Lower Upper

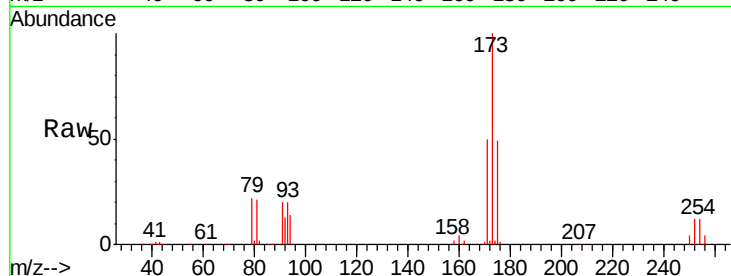
173 100

175 48.4 24.2 72.6

254 0.0 0.1 0.1#

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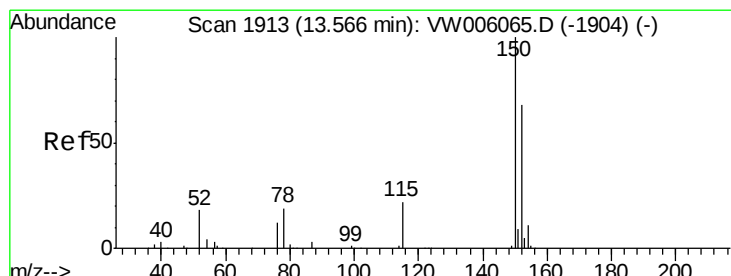
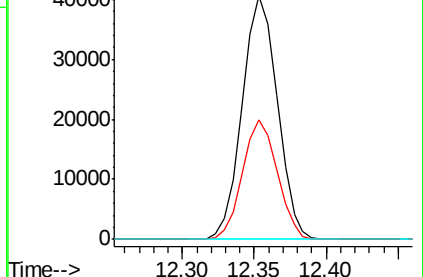
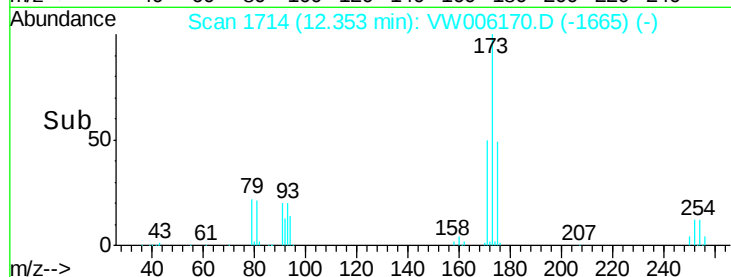
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

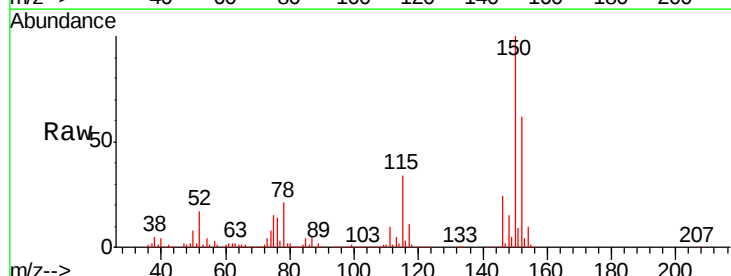
Tgt Ion:152 Resp: 198739

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

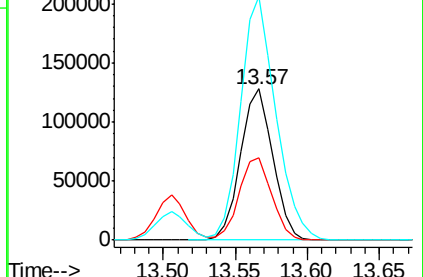
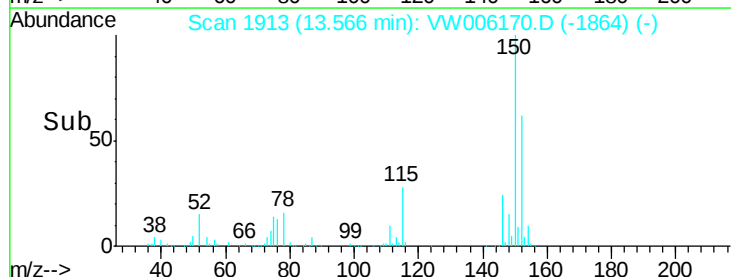
150 175.9 0.0 349.2

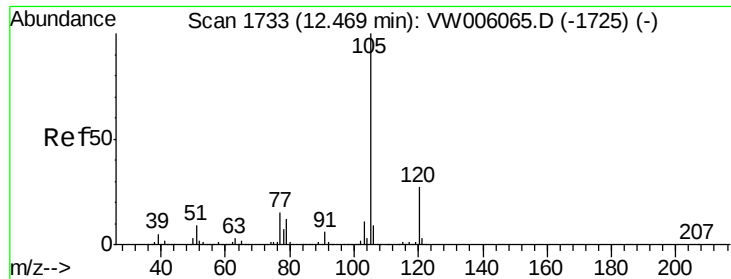


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.75 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 754669

Ion Ratio Lower Upper

105 100

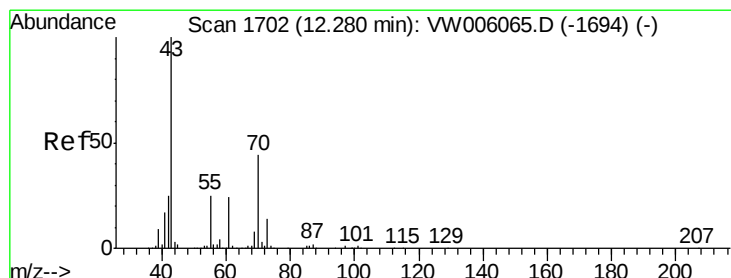
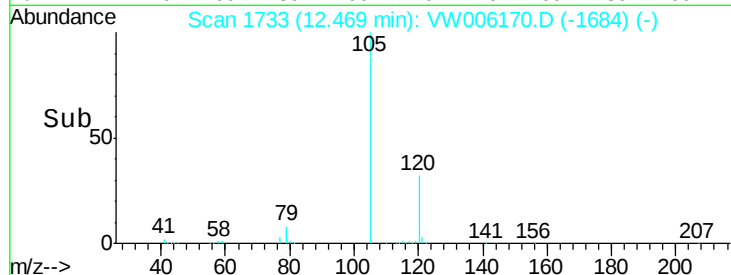
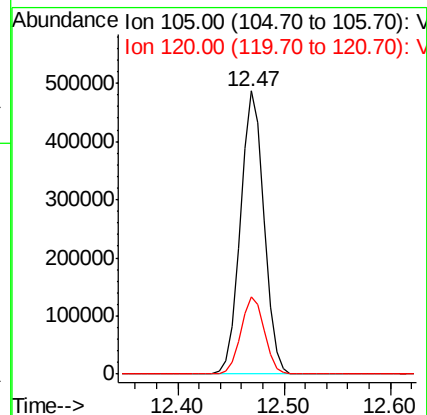
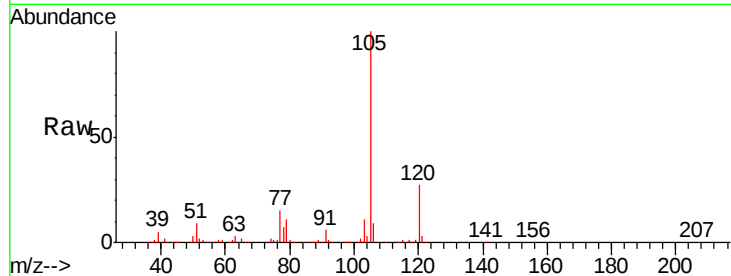
120 27.2 13.6 40.7

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#74

N-ethyl acetate

Concen: 44.56 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Tgt Ion: 43 Resp: 121522

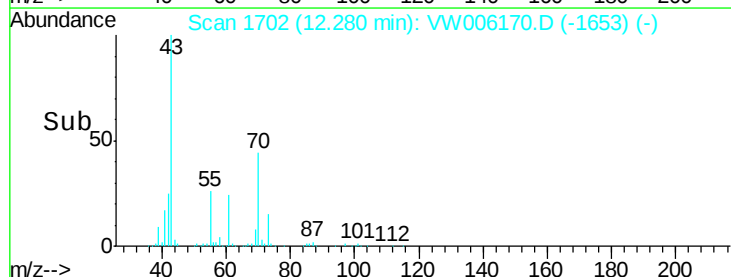
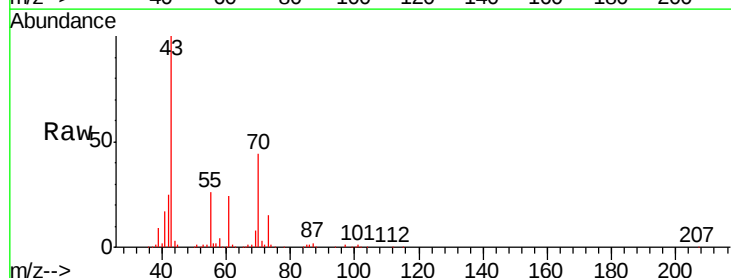
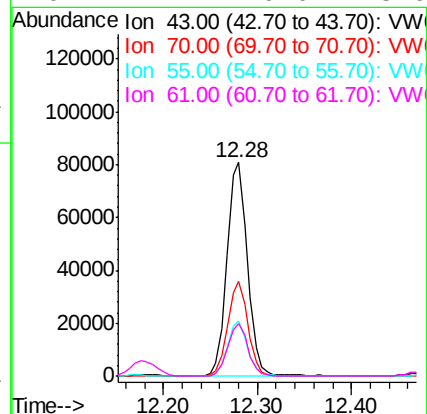
Ion Ratio Lower Upper

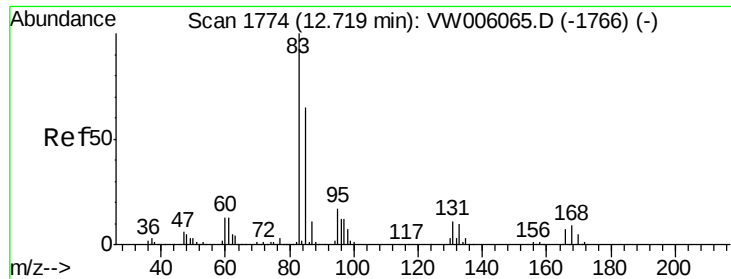
43 100

70 44.0 34.2 51.4

55 25.2 19.2 28.8

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.60 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

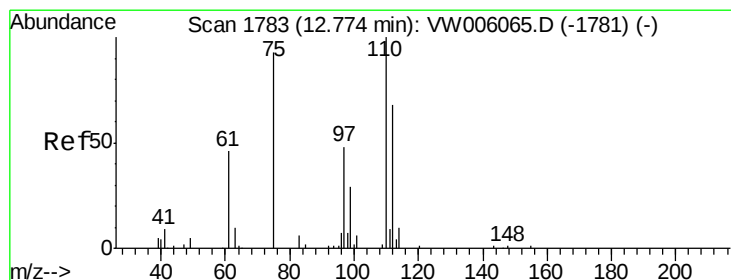
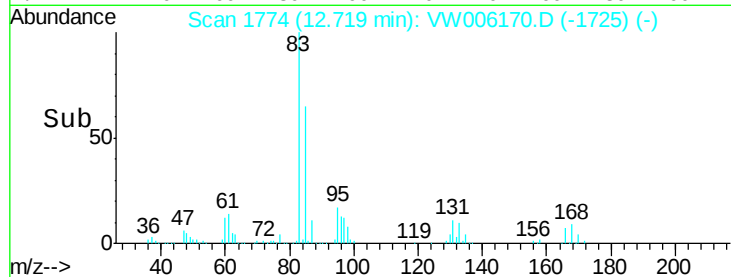
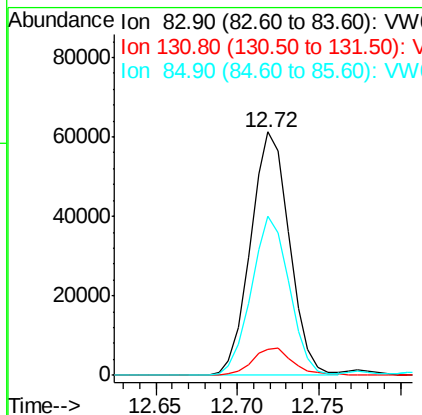
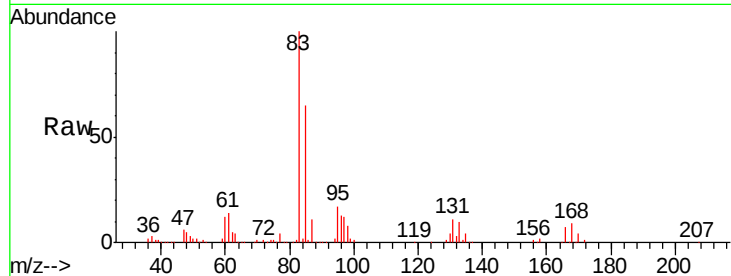
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	101649
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.7
85	63.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 44.41 ug/l m

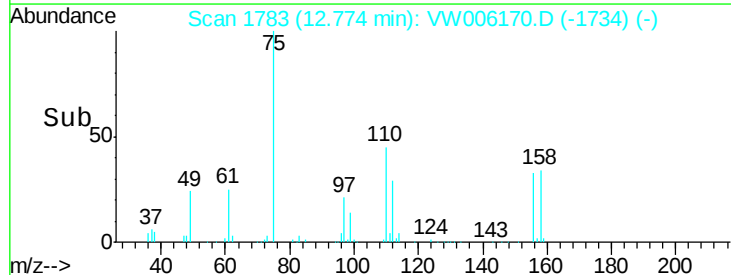
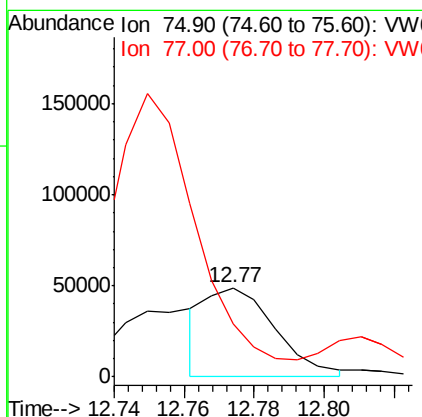
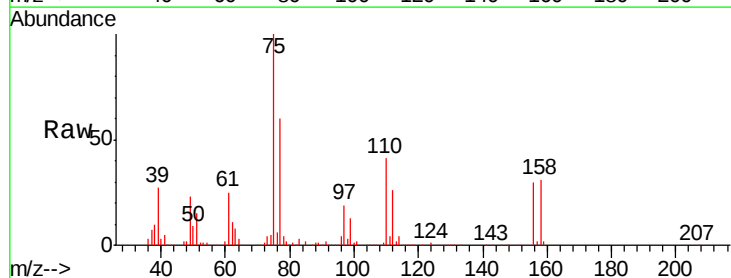
RT: 12.77 min Scan# 1783

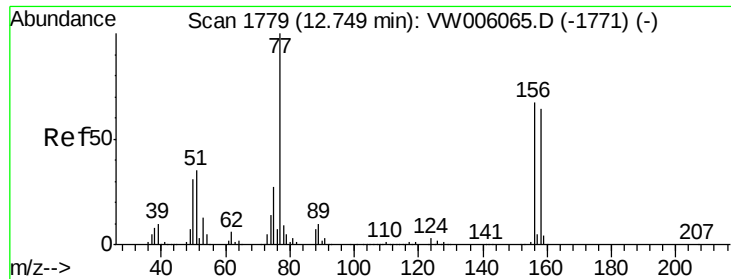
Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Tgt Ion:	75	Resp:	67407
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.97 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

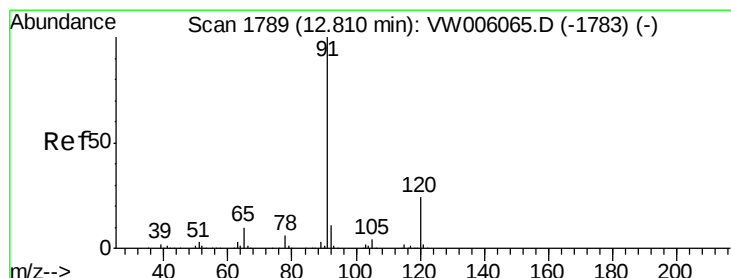
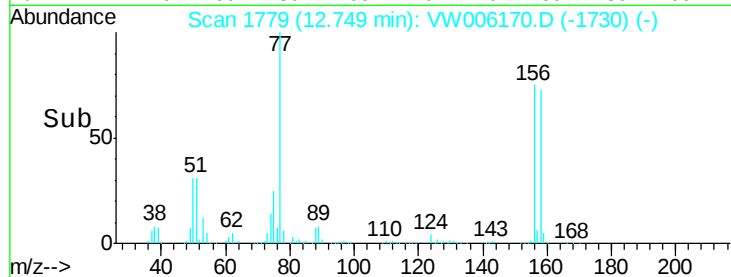
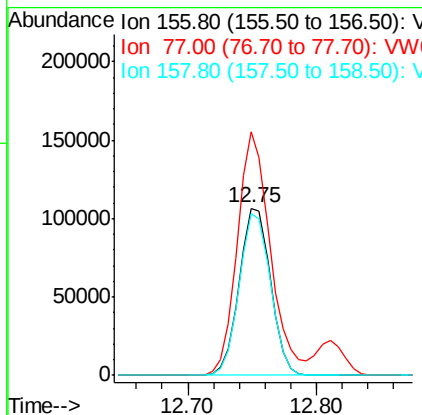
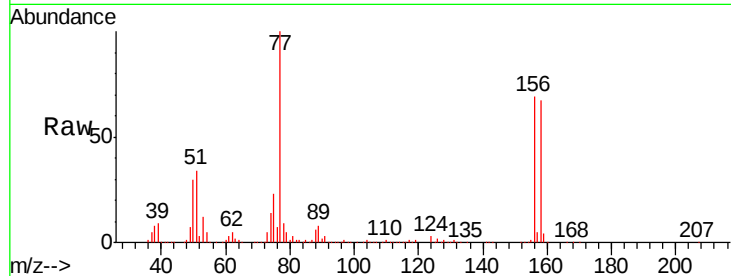
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	178730		
77	154.7	79.1	237.4	
158	97.0	48.5	145.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 53.74 ug/l

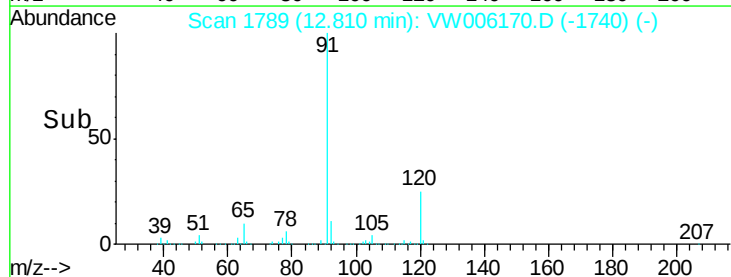
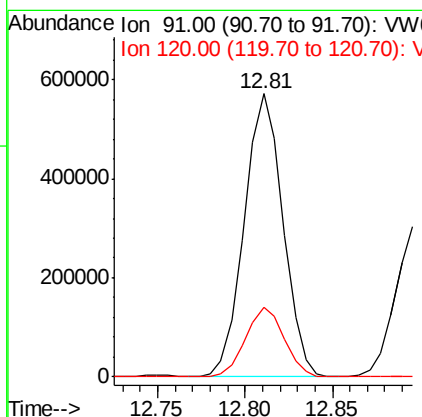
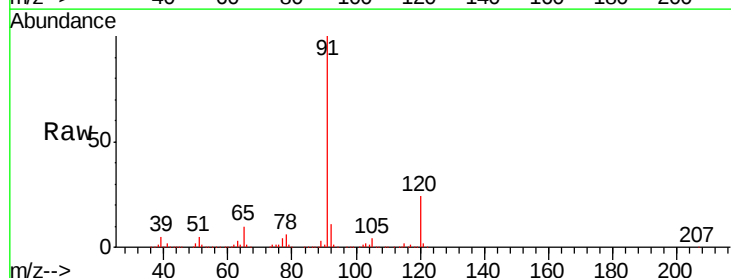
RT: 12.81 min Scan# 1789

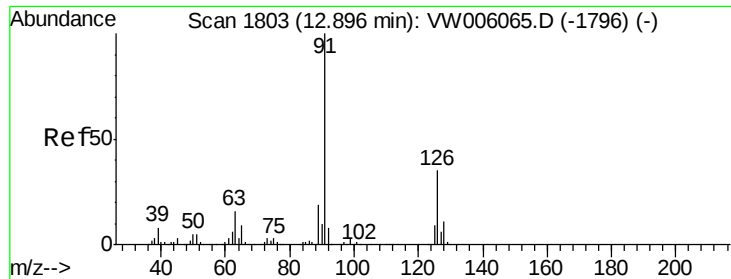
Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	877843		
120	24.5	12.2	36.6	





#79

2-Chlorotoluene

Concen: 53.12 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006170.D

Acq: 18 Oct 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 487509

Ion Ratio Lower Upper

91 100

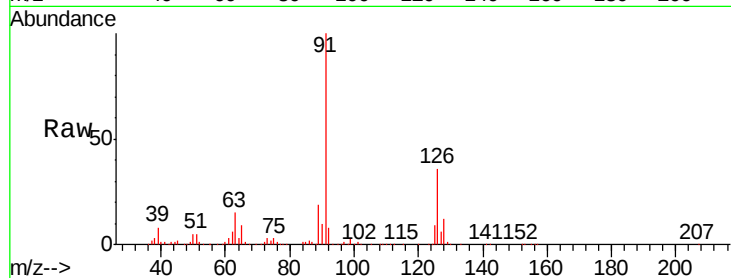
126 36.6 17.9 53.8

Manual Integrations

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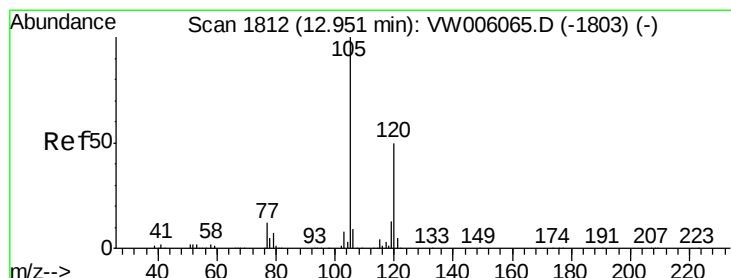
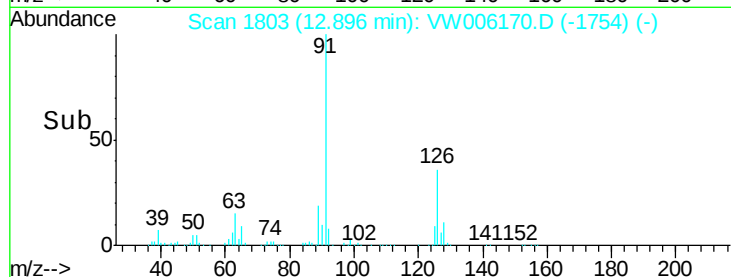
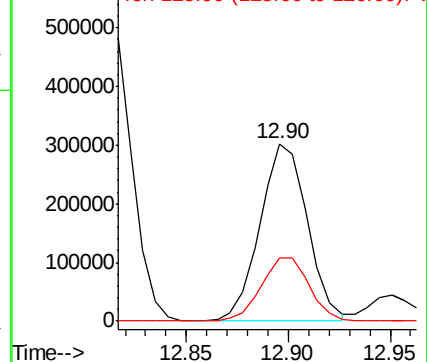
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.31 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006170.D

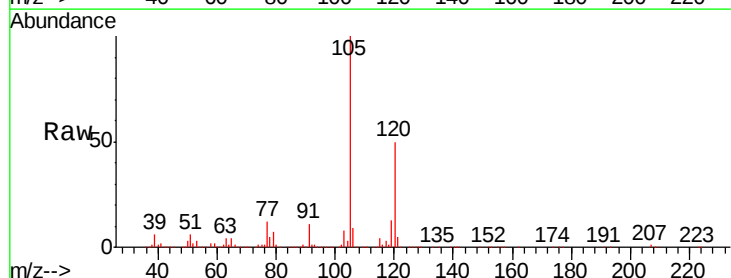
Acq: 18 Oct 2018 12:31

Tgt Ion: 105 Resp: 630960

Ion Ratio Lower Upper

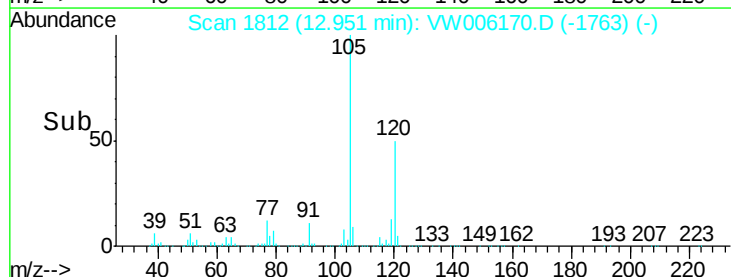
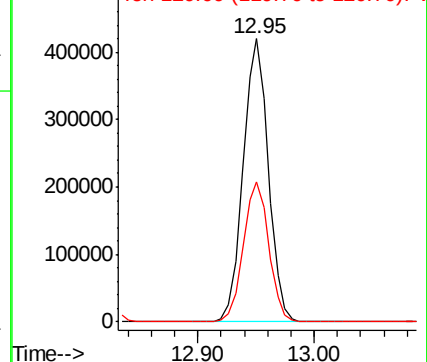
105 100

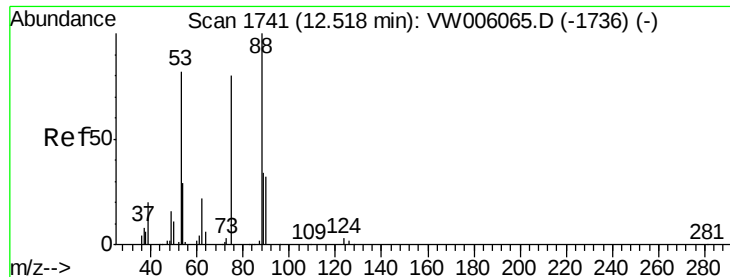
120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





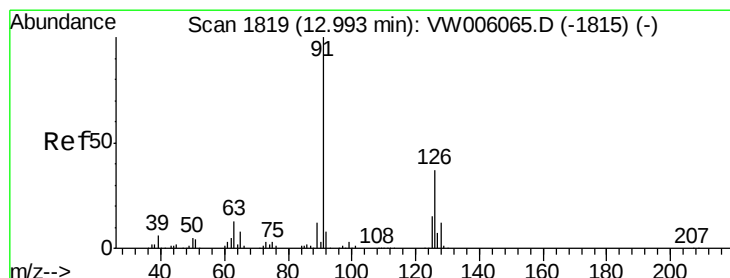
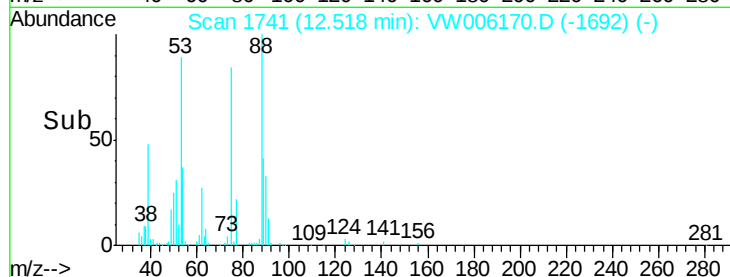
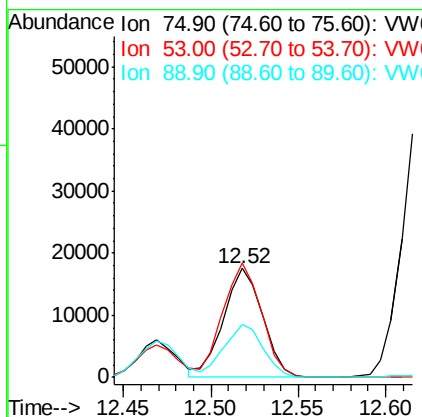
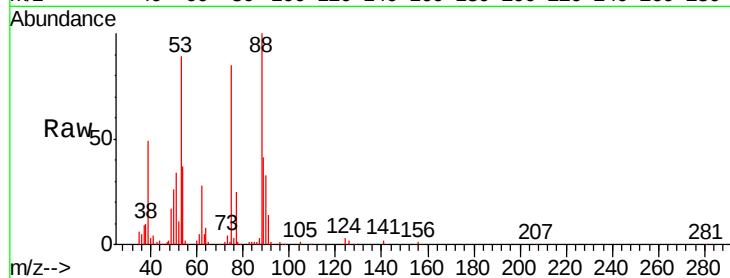
#81
trans-1,4-Dichloro-2-butene
Concen: 43.18 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.0	79.8	119.6
89	48.4	37.5	56.3

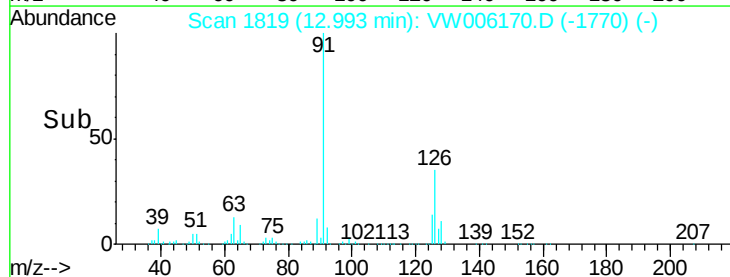
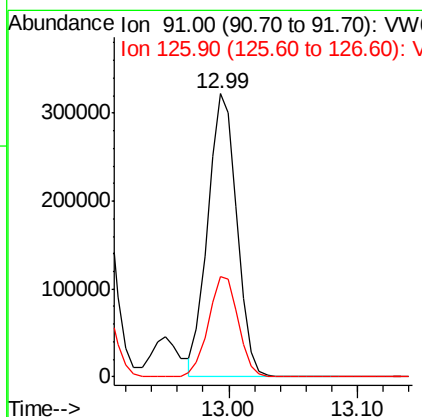
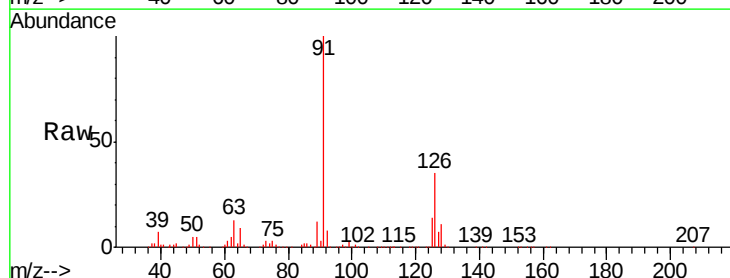
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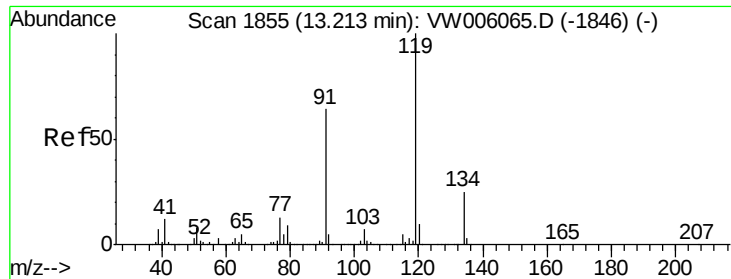
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#82
4-Chlorotoluene
Concen: 52.71 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.1	54.3





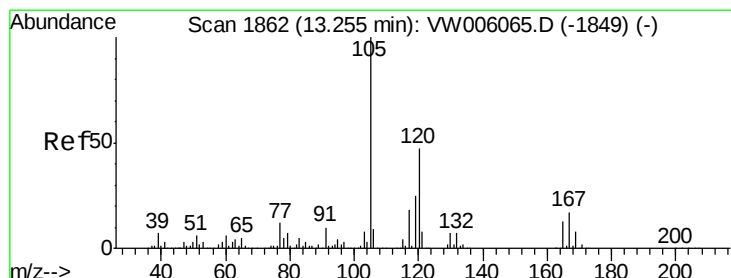
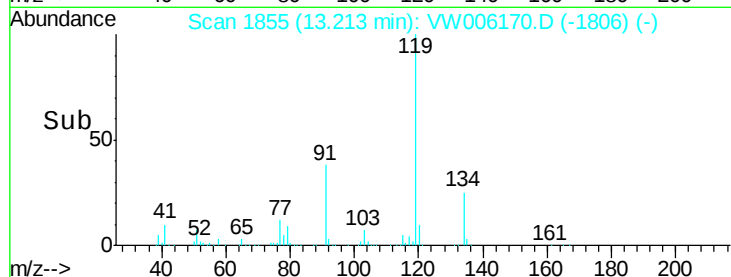
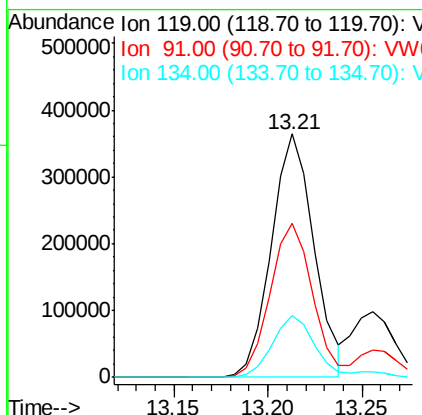
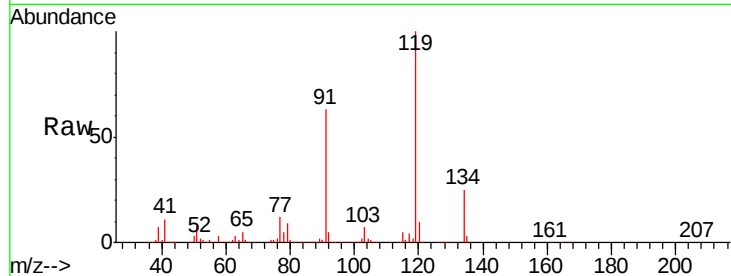
#83
 tert-Butylbenzene
 Concen: 53.90 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	570841		
91	63.9	32.3	96.9	
134	25.1	13.6	40.8	

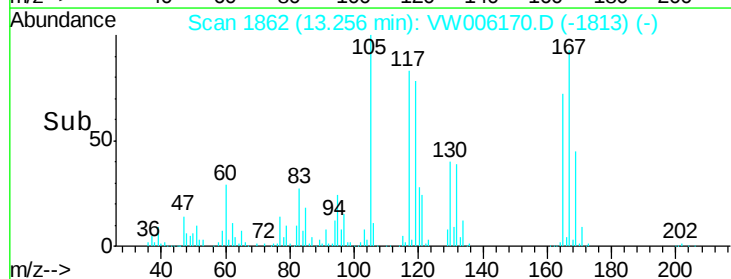
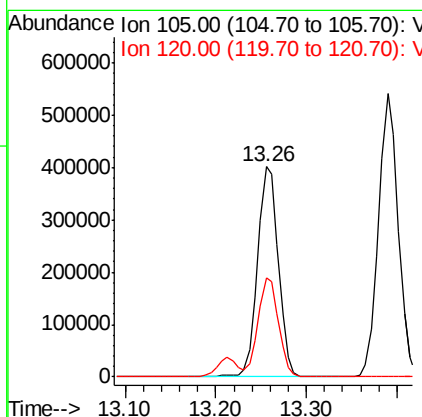
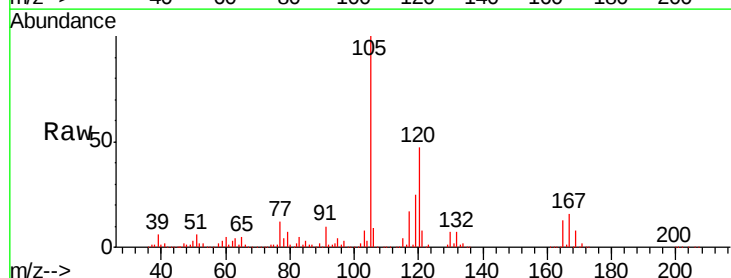
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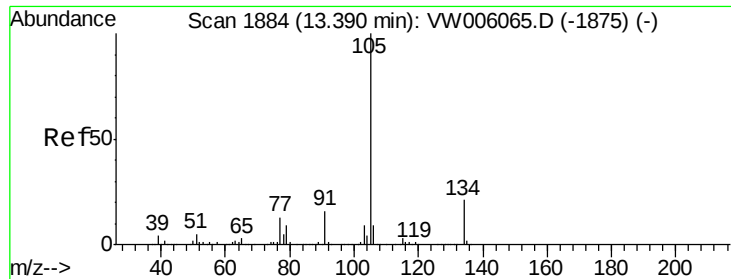
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.30 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	638437		
120	46.2	23.1	69.3	





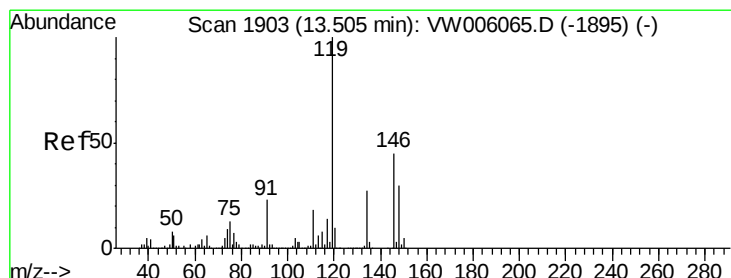
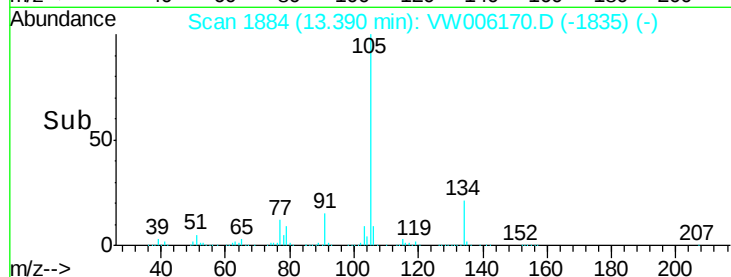
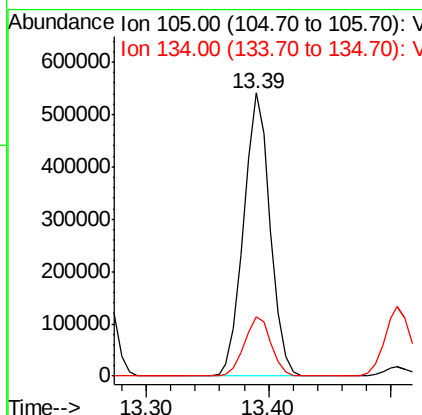
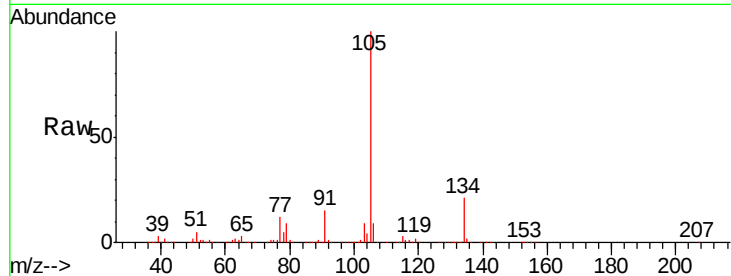
#85
 sec-Butylbenzene
 Concen: 54.17 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.6

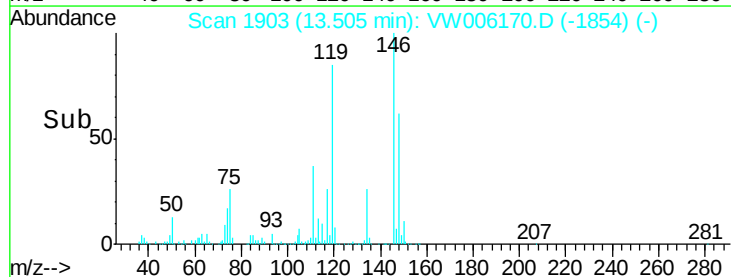
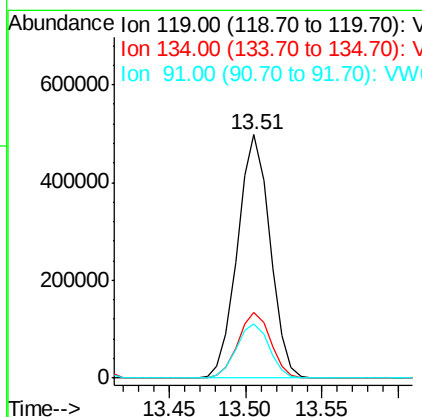
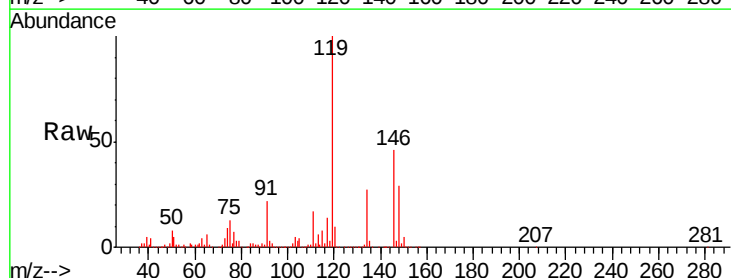
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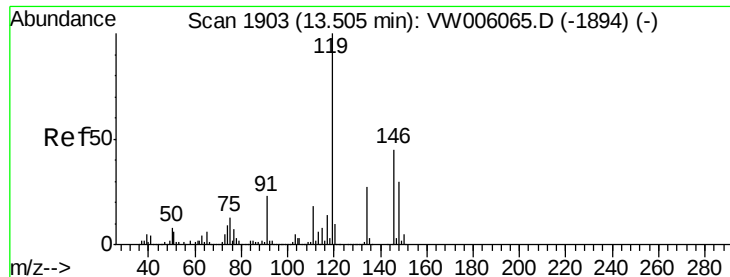
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#86
 p-Isopropyltoluene
 Concen: 54.25 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.4	40.2
91	22.6	11.4	34.1





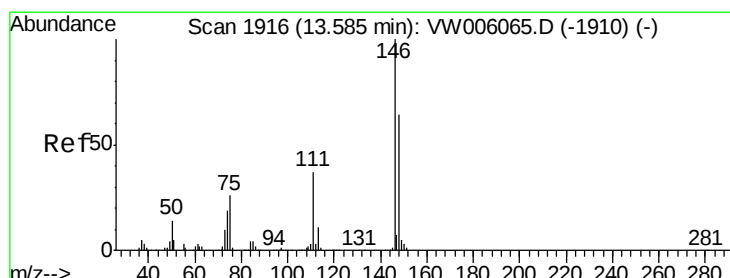
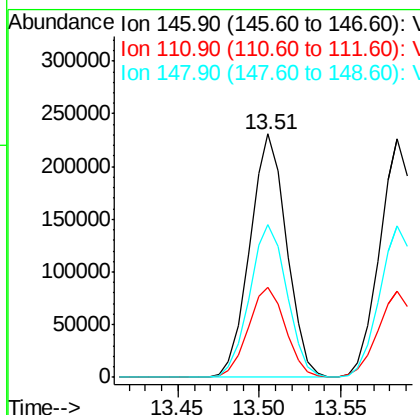
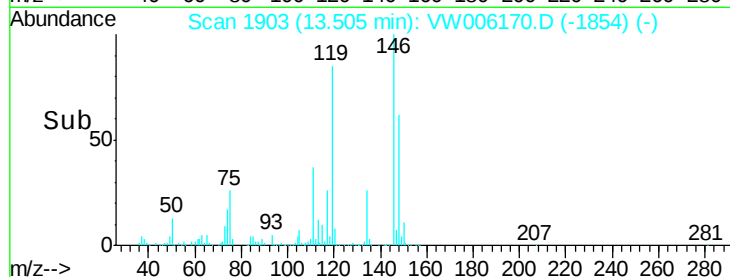
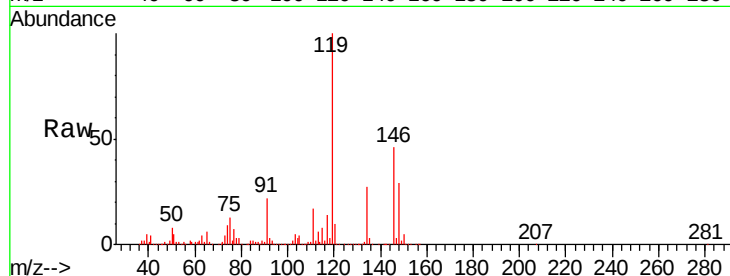
#87
 1,3-Dichlorobenzene
 Concen: 52.98 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	362619		
111	37.4	19.1	57.5	
148	63.8	32.0	96.2	

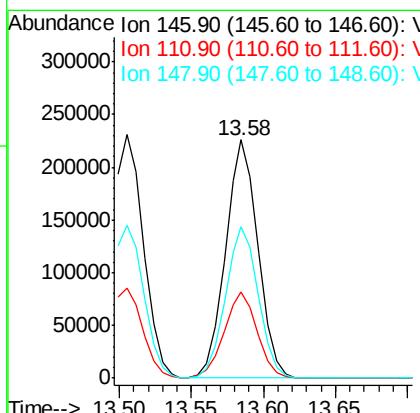
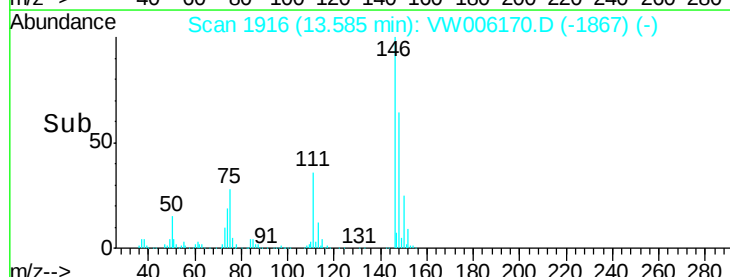
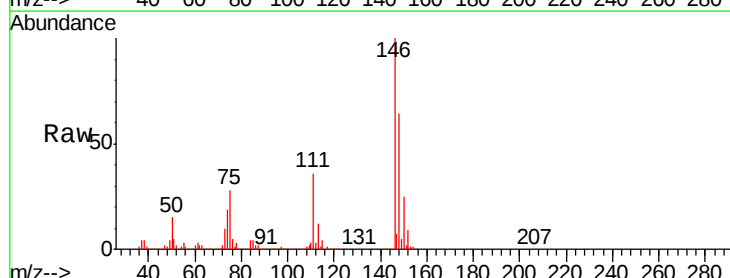
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#88
 1,4-Dichlorobenzene
 Concen: 51.94 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	353936		
111	36.8	18.6	56.0	
148	64.3	32.1	96.5	





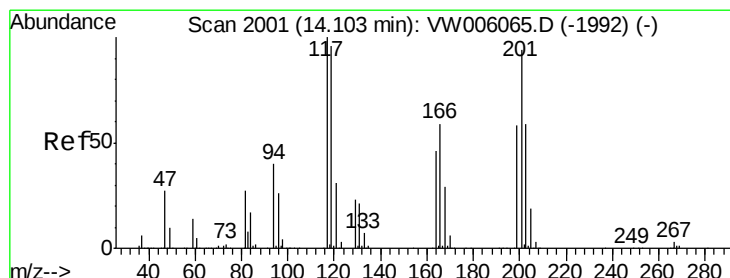
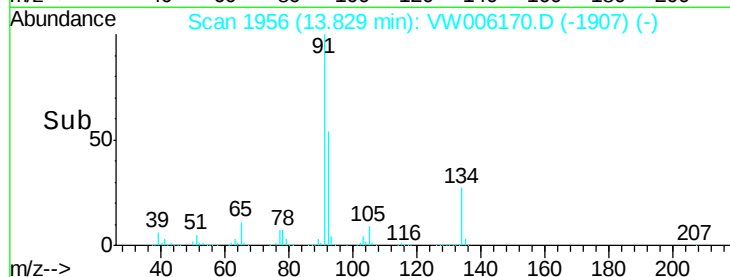
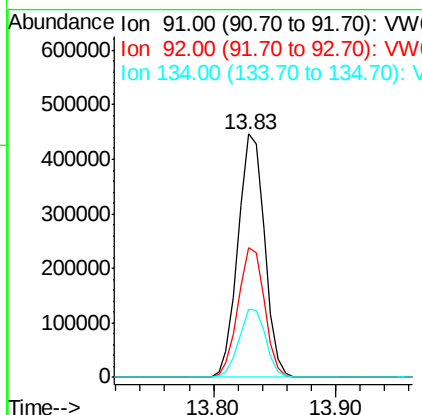
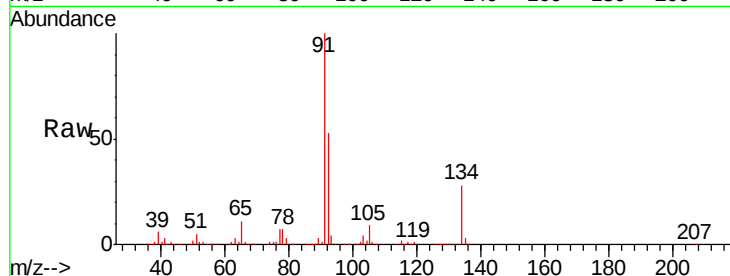
#89
n-Butylbenzene
Concen: 54.16 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	28.3	14.0	41.9

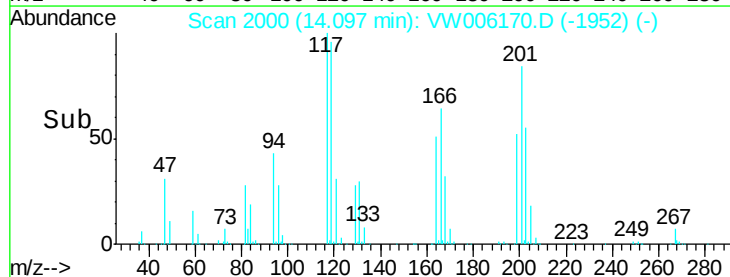
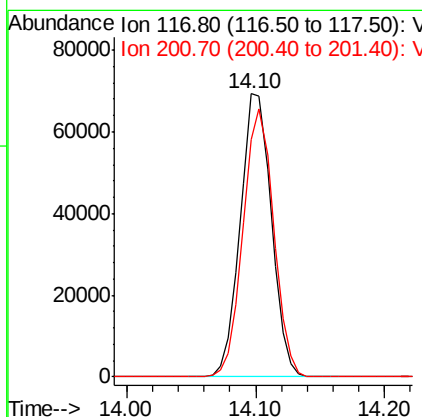
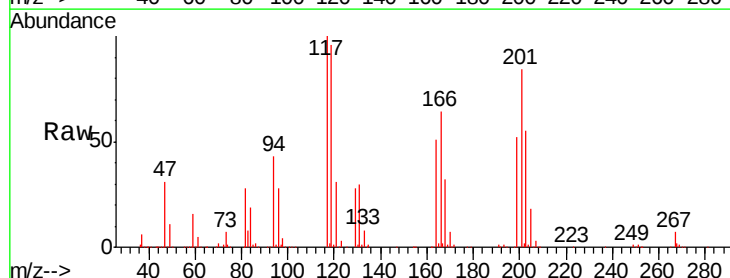
Manual Integrations
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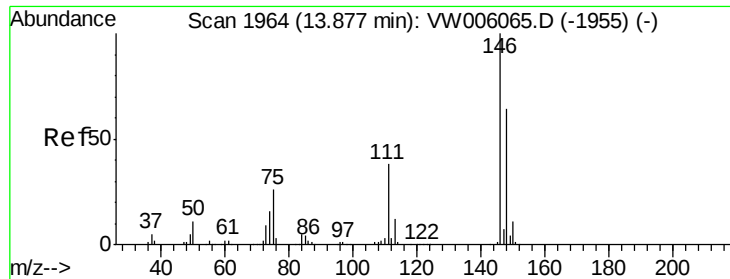
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#90
Hexachloroethane
Concen: 50.61 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.6	45.3	135.9





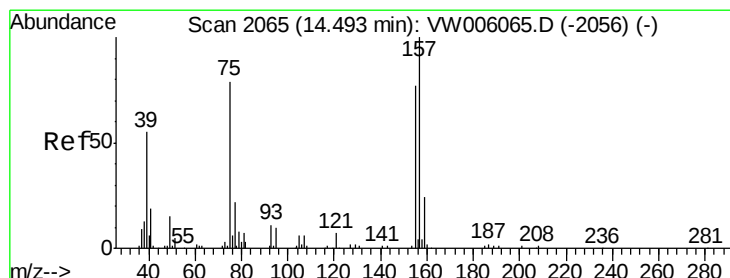
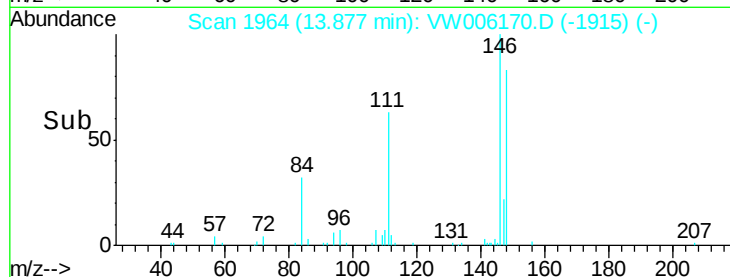
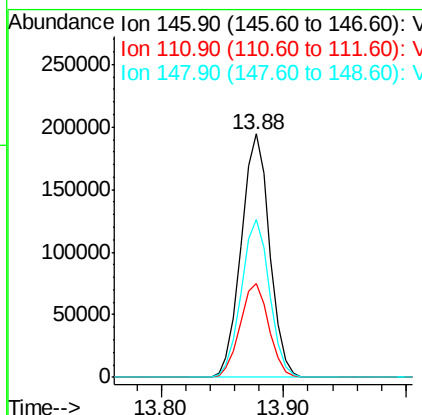
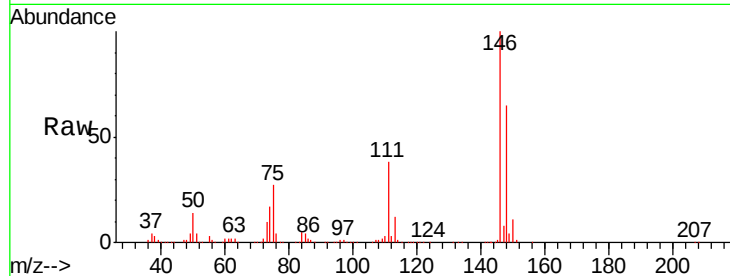
#91
 1,2-Dichlorobenzene
 Concen: 51.25 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	312879		
111	39.1	19.6	58.7	
148	64.6	32.2	96.6	

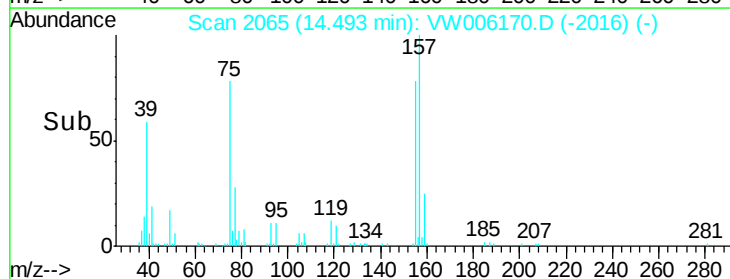
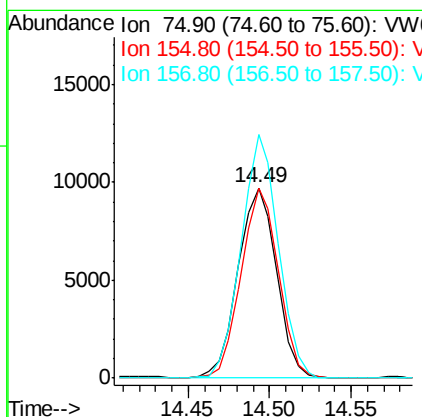
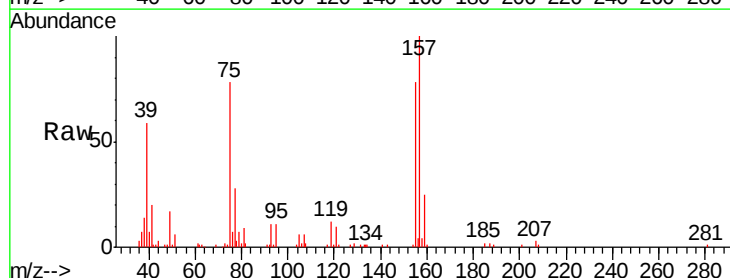
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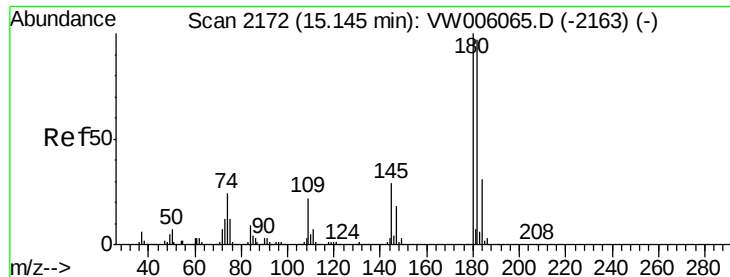
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.96 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16042		
155	96.3	46.5	139.5	
157	123.3	59.8	179.4	





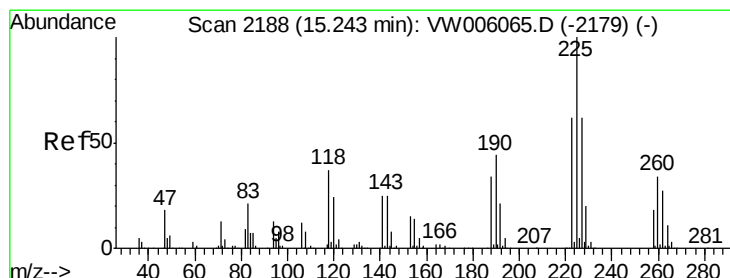
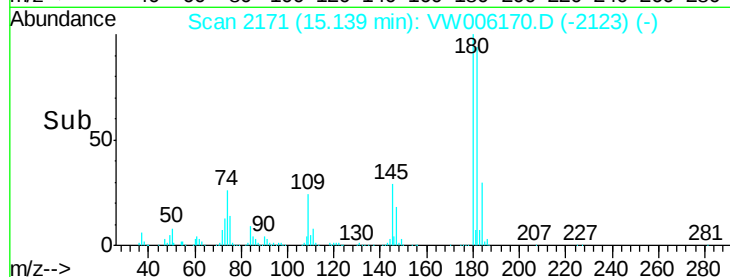
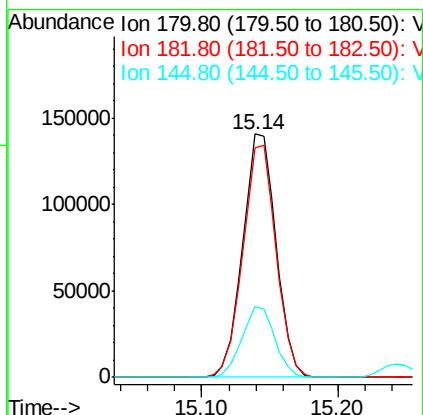
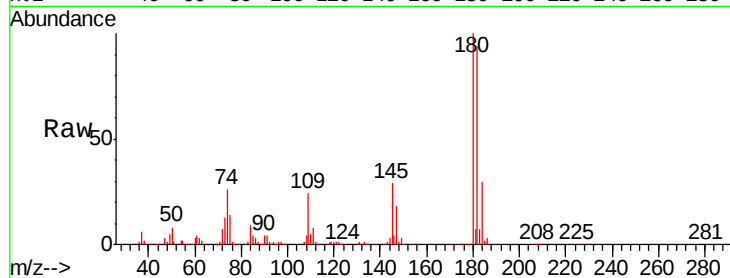
#93
 1,2,4-Trichlorobenzene
 Concen: 51.30 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240995		
182	95.2	47.9	143.6	
145	28.8	14.2	42.8	

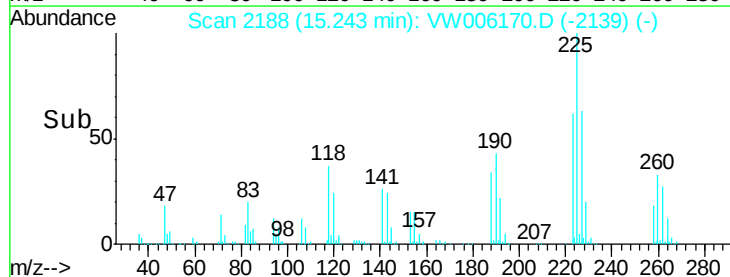
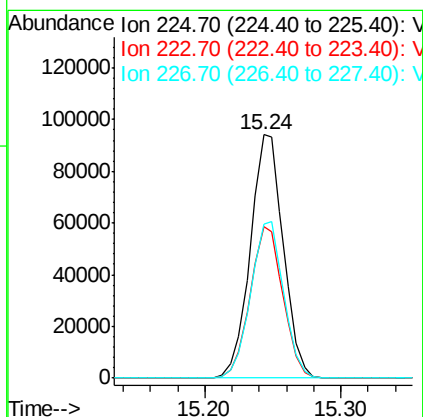
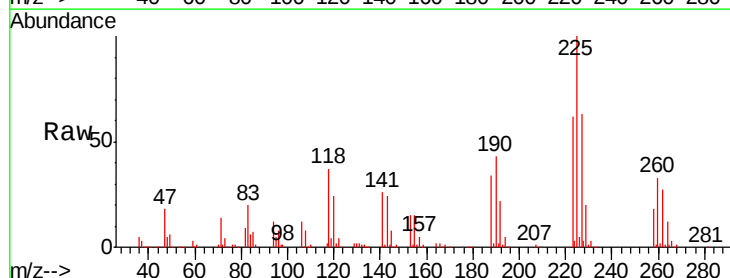
Manual Integrations
 APPROVED

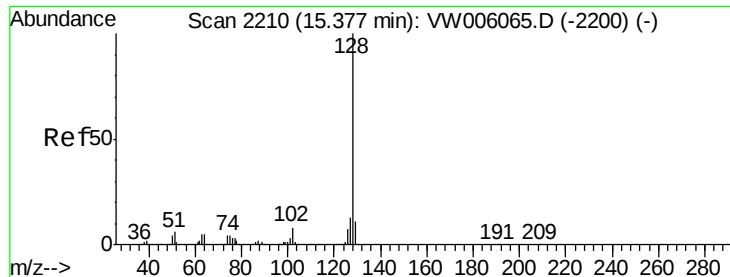
apatel
 10/19/2018 12:42:09 PM



#94
 Hexachlorobutadiene
 Concen: 54.19 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006170.D
 Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159899		
223	62.0	31.1	93.5	
227	64.0	32.4	97.0	





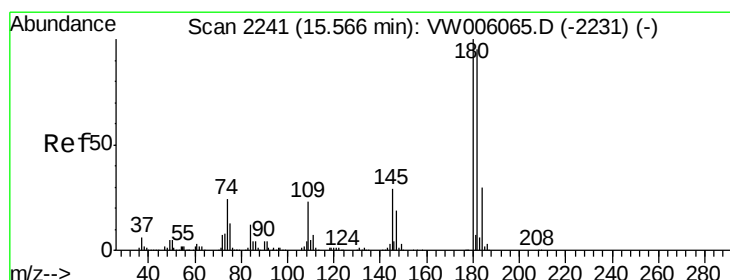
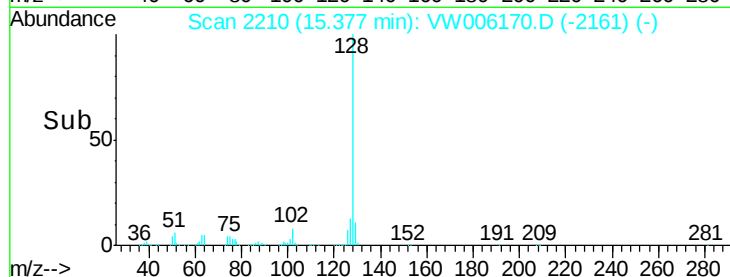
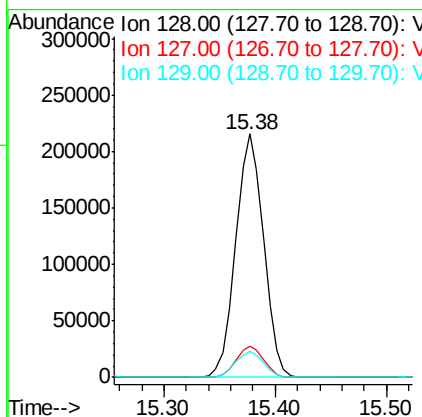
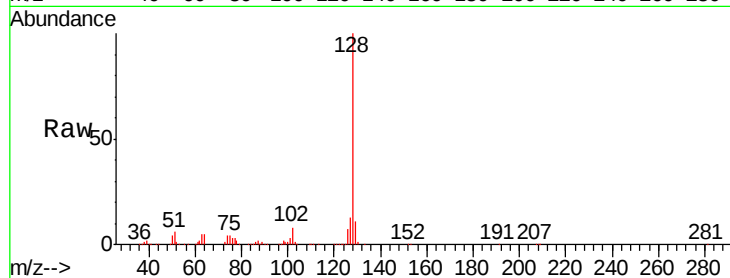
#95
Naphthalene
Concen: 47.71 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	372803		
127	12.7	10.3	15.5	
129	10.8	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.24 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006170.D
Acq: 18 Oct 2018 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204109		
182	95.5	47.8	143.3	
145	30.0	15.0	45.1	

