

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006196.D
 Acq On : 19 Oct 2018 01:46
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 10/19/2018 12:54:13 PM

Quant Time: Oct 19 08:04:05 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	255979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194700	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109477	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.88	113	111030	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.33	98	419167	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	159155	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	66250	52.30	ug/l	98
3) Chloromethane	2.21	50	80855	49.59	ug/l	97
4) Vinyl Chloride	2.37	62	120599	51.79	ug/l	98
5) Bromomethane	2.79	94	108647	51.30	ug/l	100
6) Chloroethane	2.93	64	86233	51.67	ug/l	96
7) Trichlorofluoromethane	3.26	101	104799	48.31	ug/l	99
8) Diethyl Ether	3.68	74	58967	51.15	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119201	52.43	ug/l	98
10) Methyl Iodide	4.27	142	209078	55.26	ug/l	100
11) Tert butyl alcohol	5.23	59	35824	251.00	ug/l	99
12) 1,1-Dichloroethene	4.04	96	114176	53.38	ug/l	96
13) Acrolein	3.90	56	34733	251.49	ug/l	98
14) Allyl chloride	4.67	41	160344	52.43	ug/l	100
15) Acrylonitrile	5.38	53	112275	271.52	ug/l	99
16) Acetone	4.14	43	93333	233.44	ug/l	100
17) Carbon Disulfide	4.38	76	321599	49.82	ug/l	100
18) Methyl Acetate	4.68	43	57472	53.81	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	176527	54.19	ug/l	100
20) Methylene Chloride	4.91	84	124041	55.42	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	130546	54.68	ug/l	98
22) Diisopropyl ether	6.32	45	331973	54.93	ug/l	99
23) Vinyl Acetate	6.26	43	935857	262.40	ug/l	100
24) 1,1-Dichloroethane	6.22	63	216523	55.53	ug/l	99
25) 2-Butanone	7.18	43	142372	248.33	ug/l	99
26) 2,2-Dichloropropane	7.17	77	130223	47.35	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	145782	55.34	ug/l	99
28) Bromochloromethane	7.51	49	83385	55.39	ug/l	98
29) Tetrahydrofuran	7.54	42	91778	260.44	ug/l	98
30) Chloroform	7.68	83	235947	55.54	ug/l	99
31) Cyclohexane	7.96	56	187262	48.22	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	203762	53.17	ug/l	99
36) 1,1-Dichloropropene	8.09	75	182827	53.03	ug/l	100
37) Ethyl Acetate	7.26	43	65483	51.13	ug/l	99
38) Carbon Tetrachloride	8.07	117	193202	51.12	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	230921	50.39	ug/l	98
40) Benzene	8.32	78	511873	54.13	ug/l	99
41) Methacrylonitrile	7.49	41	38274	49.57	ug/l	92
42) 1,2-Dichloroethane	8.40	62	152454	54.87	ug/l	100
43) Isopropyl Acetate	8.43	43	131933	50.38	ug/l	99
44) Trichloroethene	9.09	130	156230	53.85	ug/l	100
45) 1,2-Dichloropropane	9.37	63	121710	53.79	ug/l	99
46) Dibromomethane	9.46	93	70346	54.54	ug/l	99
47) Bromodichloromethane	9.65	83	167122	53.45	ug/l	99
48) Methyl methacrylate	9.44	41	64770	52.18	ug/l	96
49) 1,4-Dioxane	9.48	88	21792	1097.58	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	336614	256.54	ug/l	98
52) Toluene	10.39	92	342462	54.02	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	159394	51.16	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	187306	52.39	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97097	53.80	ug/l	98
56) Ethyl methacrylate	10.65	69	119557	54.04	ug/l	97
57) 1,3-Dichloropropane	10.94	76	161812	54.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	207384	245.30	ug/l	98
59) 2-Hexanone	10.98	43	232399	248.12	ug/l	98
60) Dibromochloromethane	11.13	129	119361	53.10	ug/l	99
61) 1,2-Dibromoethane	11.24	107	97916	54.30	ug/l	100
64) Tetrachloroethene	10.87	164	146753	54.79	ug/l	99
65) Chlorobenzene	11.66	112	396283	53.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	140040	53.35	ug/l	99
67) Ethyl Benzene	11.74	91	689938	53.90	ug/l	99
68) m/p-Xylenes	11.85	106	543718	107.46	ug/l	99
69) o-Xylene	12.17	106	259447	53.80	ug/l	100
70) Styrene	12.18	104	428730	54.68	ug/l	100
71) Bromoform	12.35	173	74043	50.57	ug/l #	99
73) Isopropylbenzene	12.47	105	725982	52.78	ug/l	100
74) N-amyl acetate	12.28	43	135650	50.77	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	110689	52.91	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	88374m	59.43	ug/l	
77) Bromobenzene	12.75	156	181835	53.97	ug/l	99
78) n-propylbenzene	12.81	91	845388	52.83	ug/l	100
79) 2-Chlorotoluene	12.90	91	479763	53.36	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	615730	53.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28069	45.12	ug/l	95
82) 4-Chlorotoluene	12.99	91	507167	53.85	ug/l	100
83) tert-Butylbenzene	13.21	119	551973	53.20	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	631114	53.79	ug/l	99
85) sec-Butylbenzene	13.39	105	771495	52.64	ug/l	100
86) p-Isopropyltoluene	13.51	119	701672	52.93	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	362150	54.01	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	356975	53.47	ug/l	99
89) n-Butylbenzene	13.83	91	633173	52.22	ug/l	100
90) Hexachloroethane	14.10	117	112382	50.05	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	322005	53.84	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18388	49.09	ug/l	95

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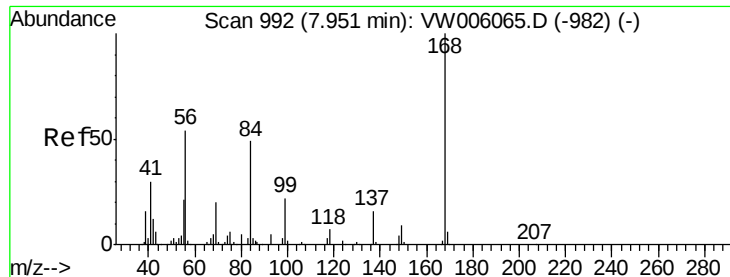
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	243841	52.99	ug/l	99
94) Hexachlorobutadiene	15.24	225	152107	52.62	ug/l	99
95) Naphthalene	15.38	128	409174	53.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	213002	53.51	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 255979

Ion Ratio Lower Upper

168 100

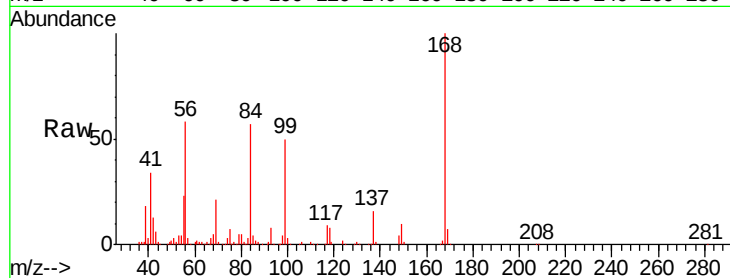
99 50.1 39.9 59.9

Manual Integrations

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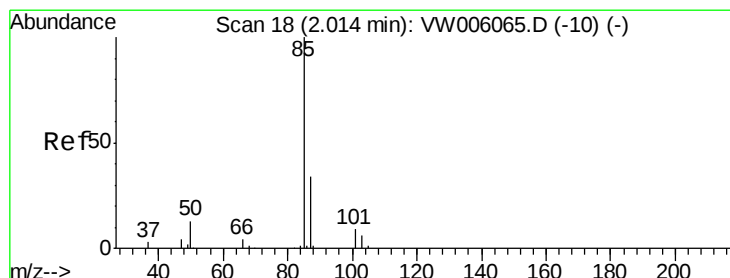
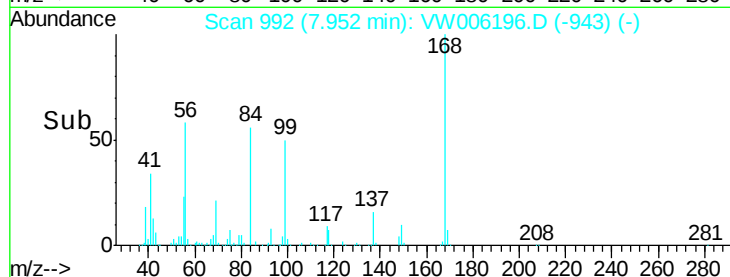
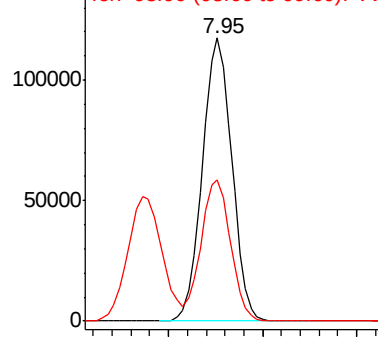
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 52.30 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006196.D

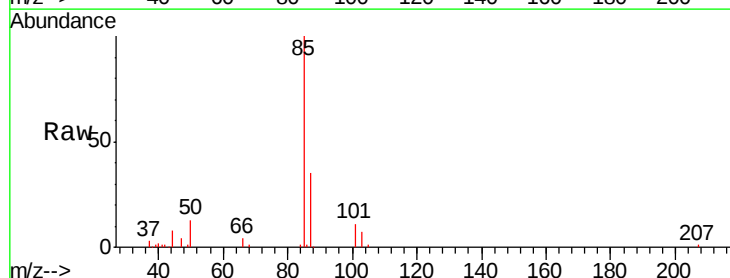
Acq: 19 Oct 2018 01:46

Tgt Ion: 85 Resp: 66250

Ion Ratio Lower Upper

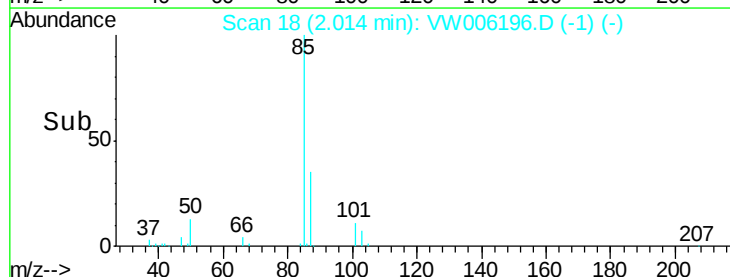
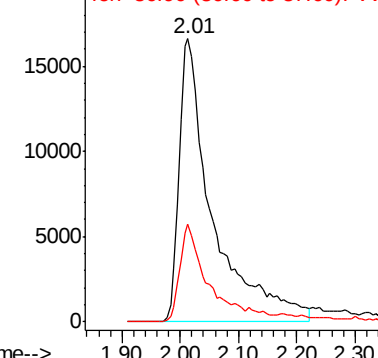
85 100

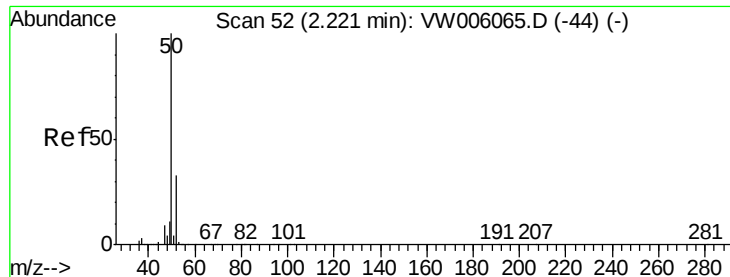
87 34.7 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.59 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

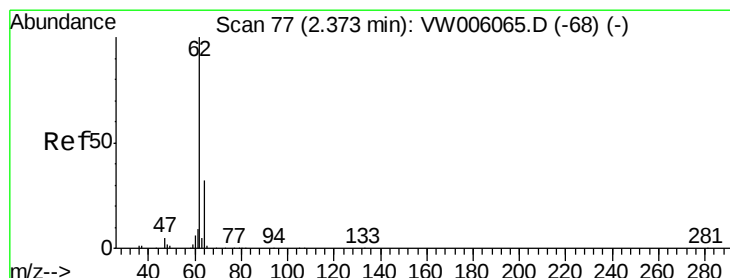
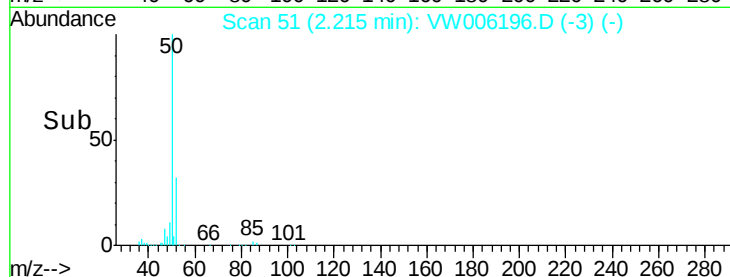
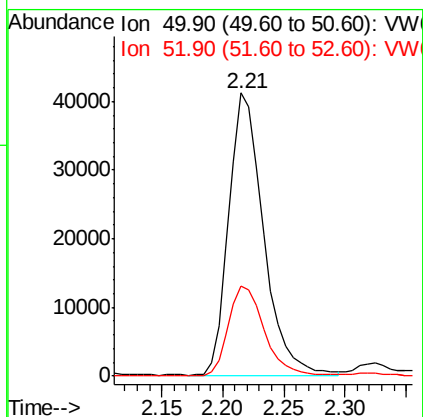
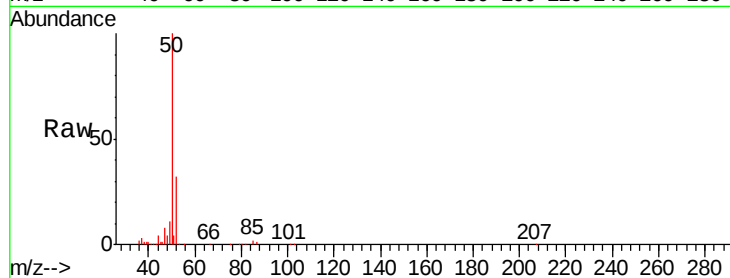
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.8	40.2

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#4

Vinyl Chloride

Concen: 51.79 ug/l

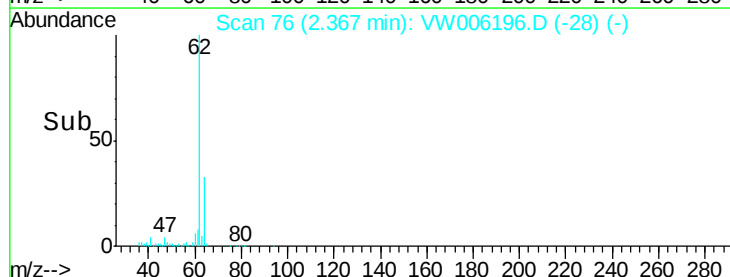
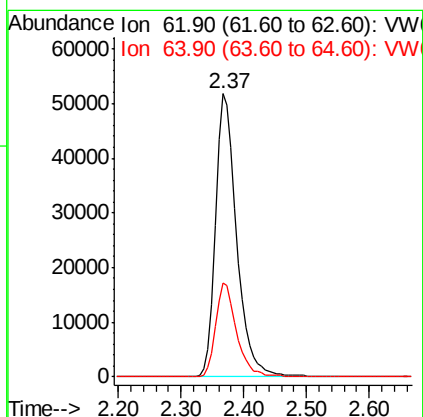
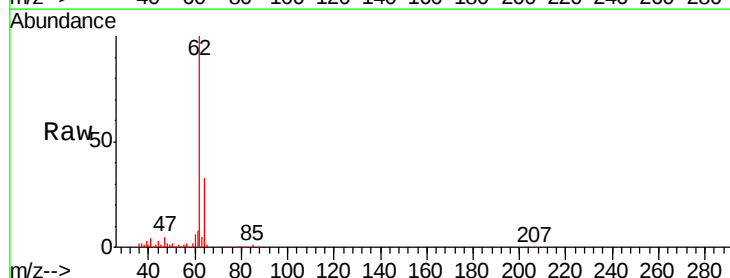
RT: 2.37 min Scan# 76

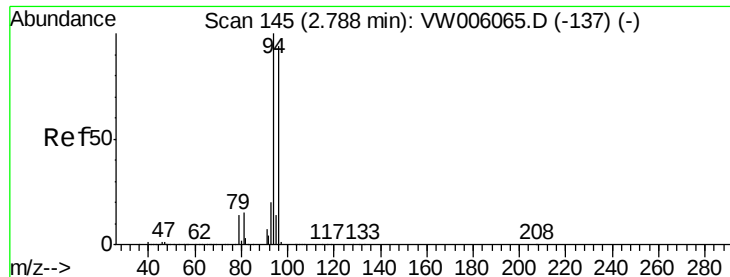
Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.4	25.9	38.9





#5

Bromomethane

Concen: 51.30 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 108647

Ion Ratio Lower Upper

94 100

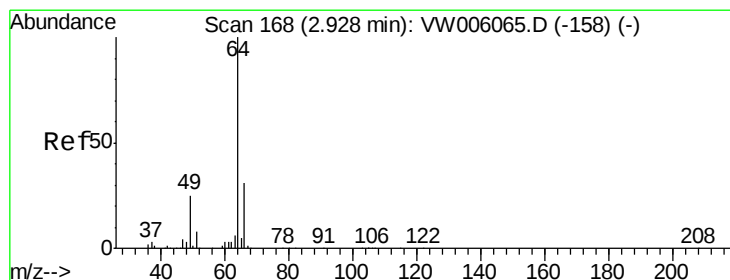
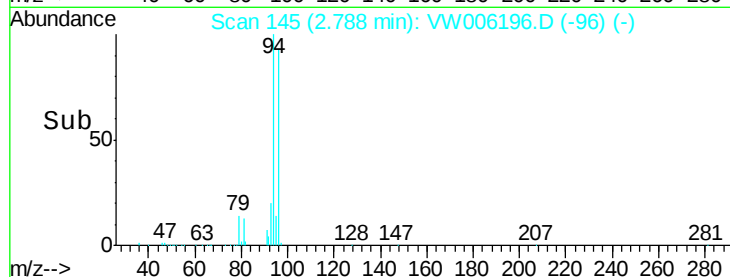
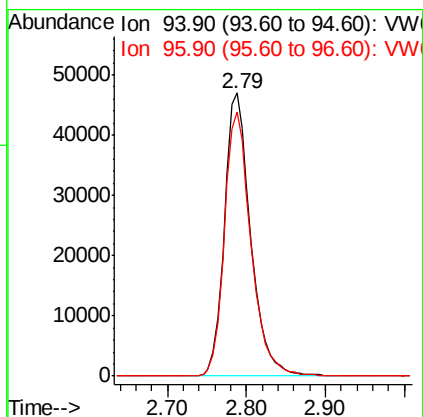
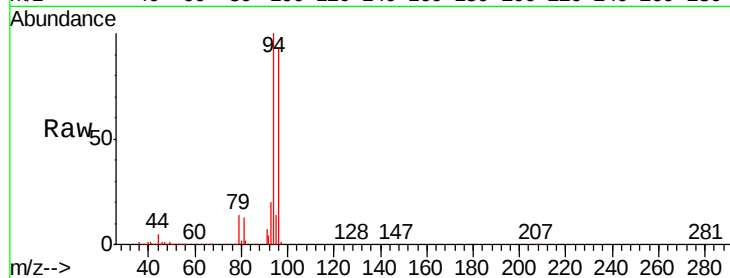
96 93.1 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 51.67 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006196.D

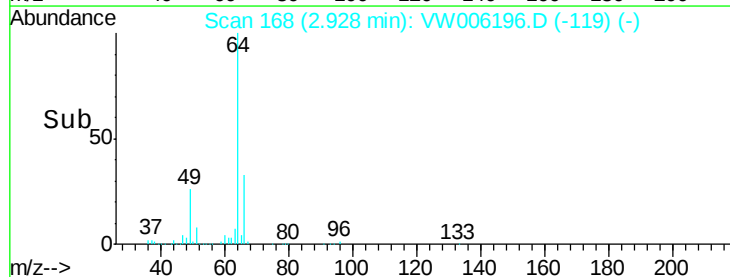
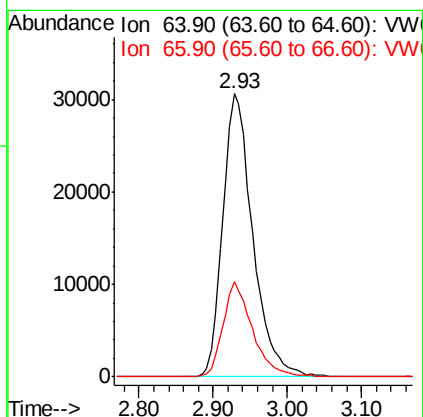
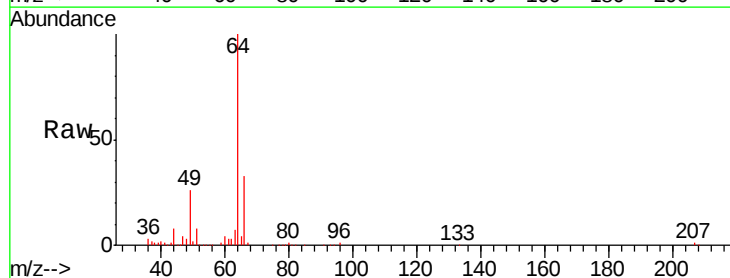
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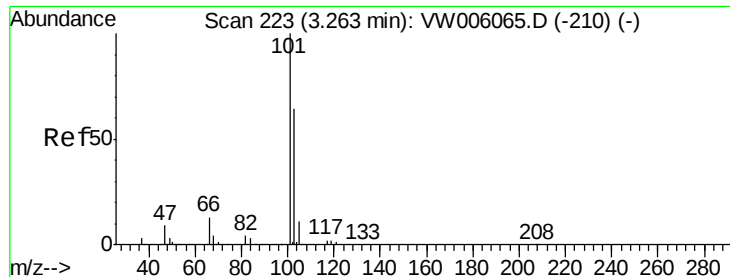
Tgt Ion: 64 Resp: 86233

Ion Ratio Lower Upper

64 100

66 33.5 24.9 37.3





#7

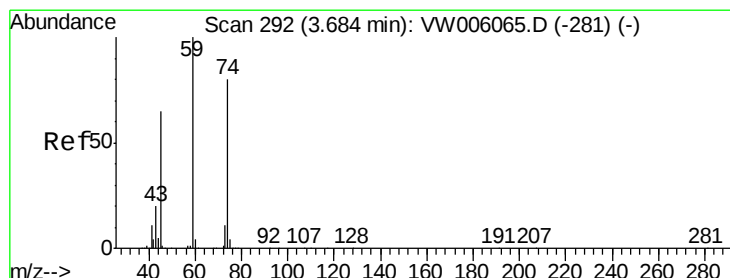
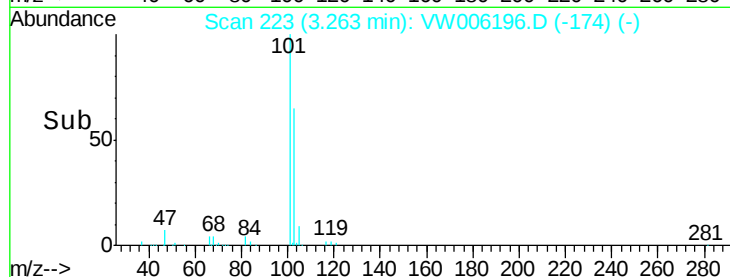
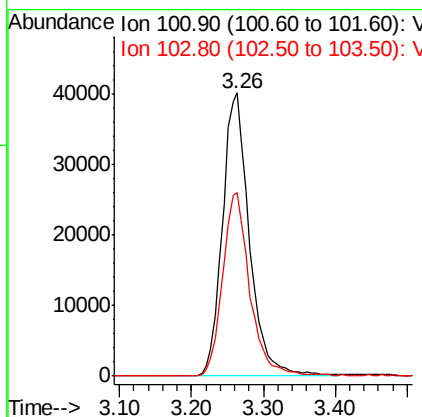
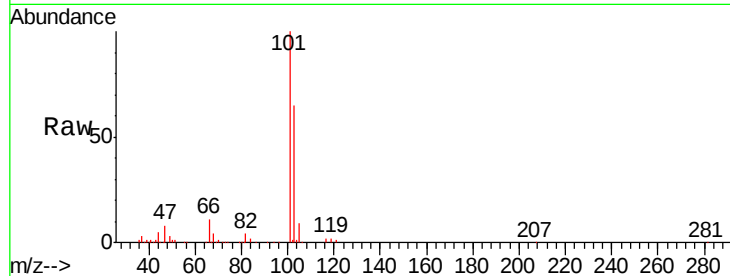
Trichlorofluoromethane
 Concen: 48.31 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006196.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.2	76.8

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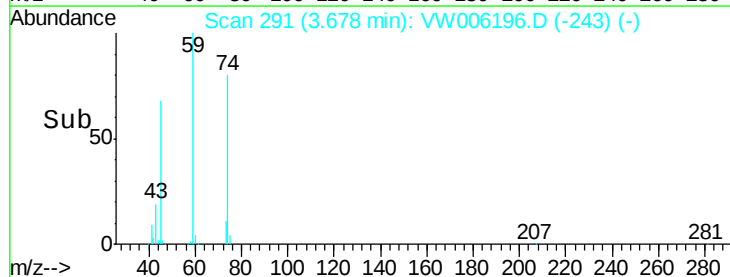
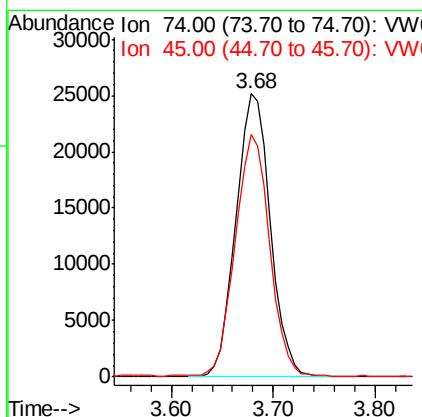
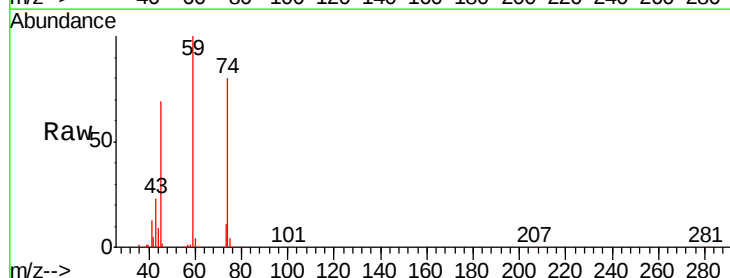
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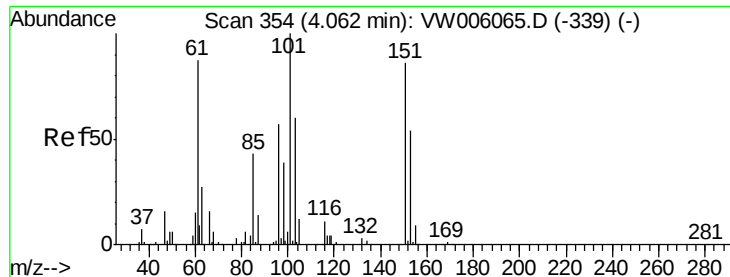


#8

Diethyl Ether
 Concen: 51.15 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.5	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.43 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

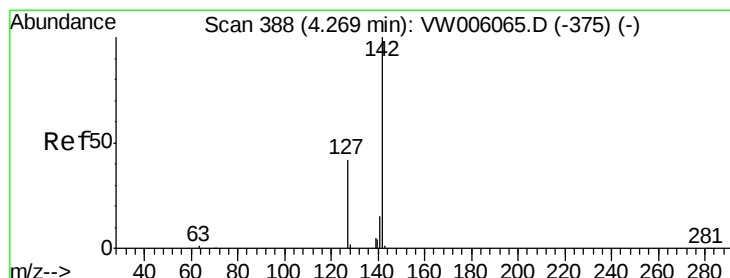
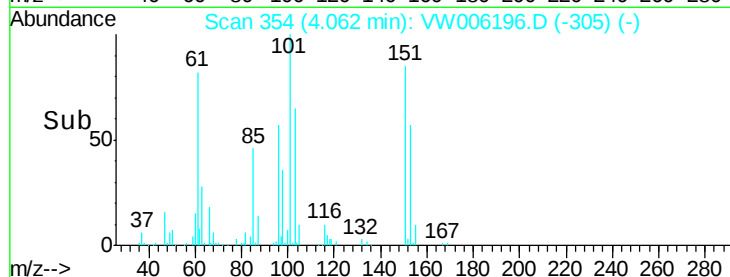
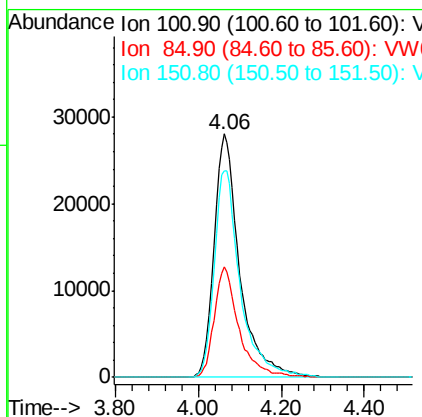
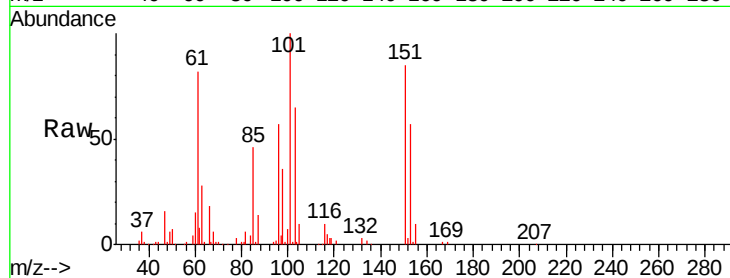
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	119201
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.9	52.3
151	86.1	70.4	105.6

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#10

Methyl Iodide

Concen: 55.26 ug/l

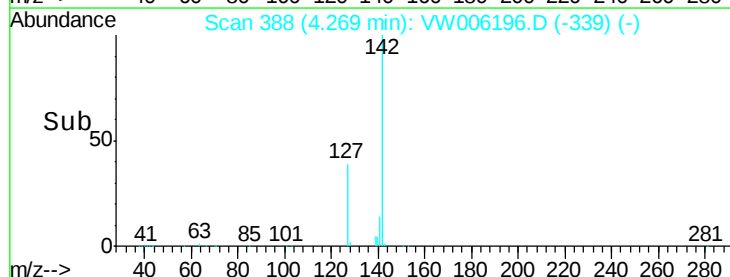
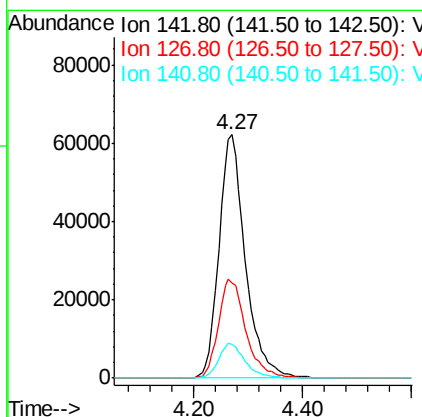
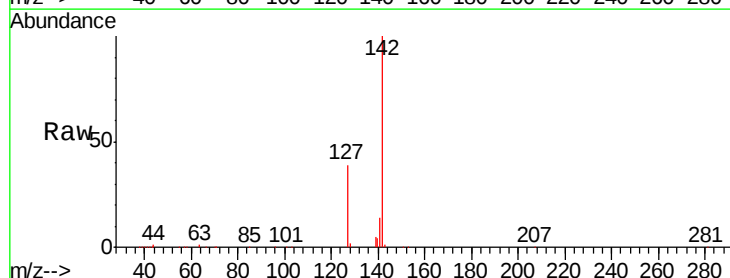
RT: 4.27 min Scan# 388

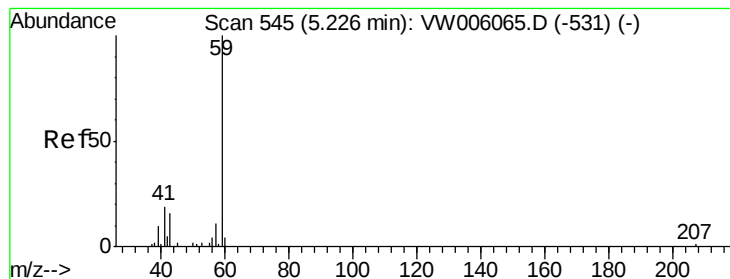
Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion:	142	Resp:	209078
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.6	50.4
141	14.4	11.6	17.4





#11

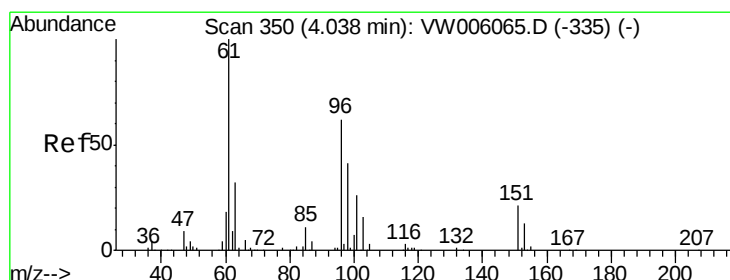
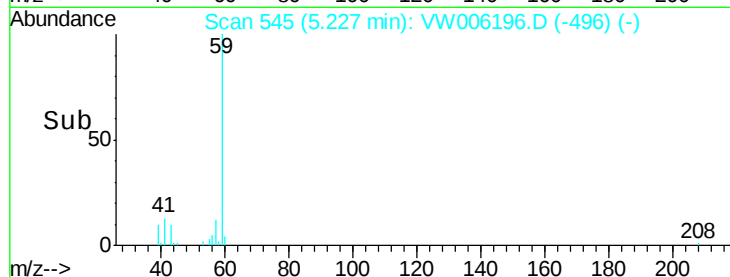
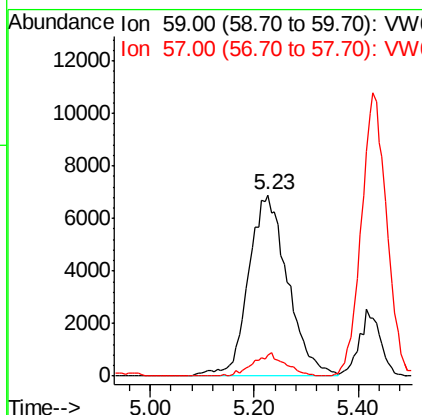
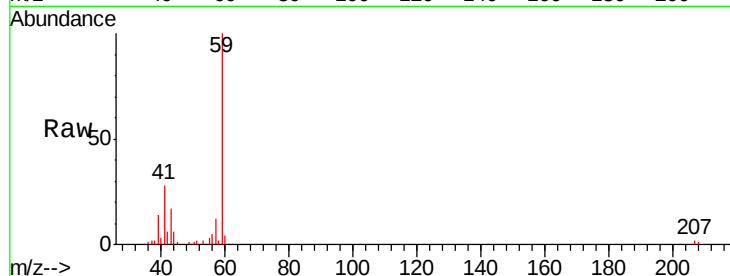
Tert butyl alcohol
Concen: 251.00 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 35824
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

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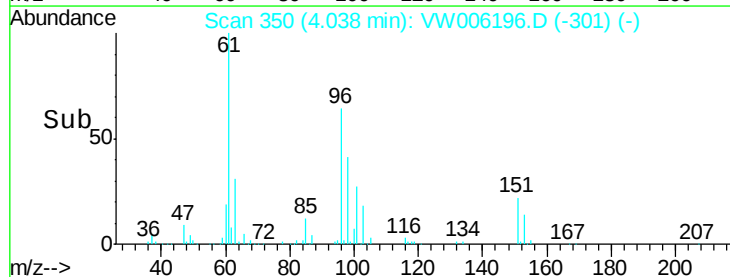
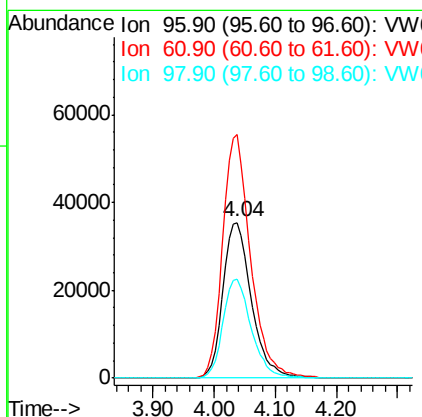
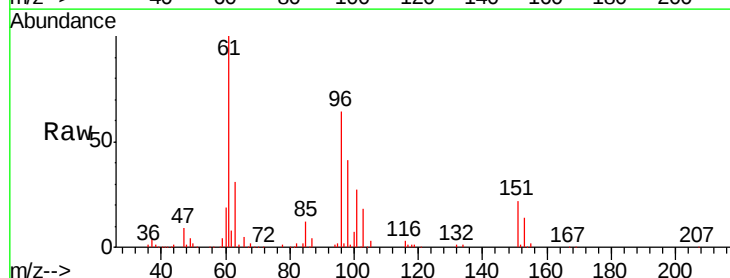
apatel
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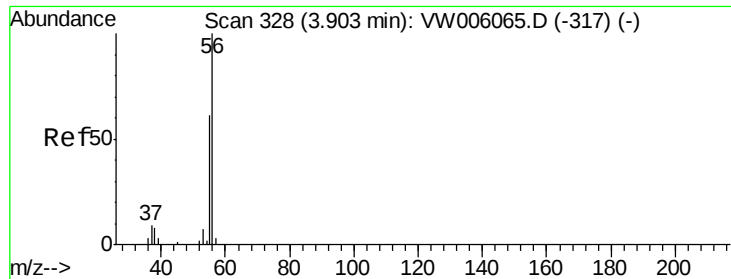


#12

1,1-Dichloroethene
Concen: 53.38 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion: 96 Resp: 114176
Ion Ratio Lower Upper
96 100
61 156.2 129.3 193.9
98 63.6 53.1 79.7





#13

Acrolein

Concen: 251.49 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 34733

Ion Ratio Lower Upper

56 100

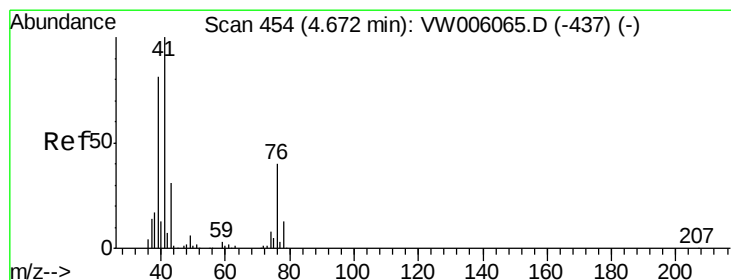
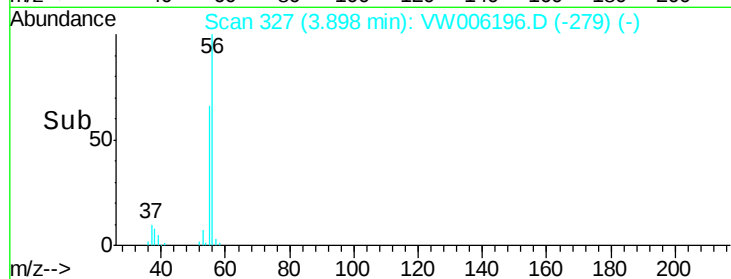
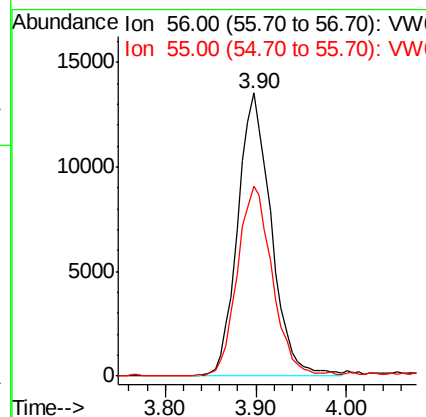
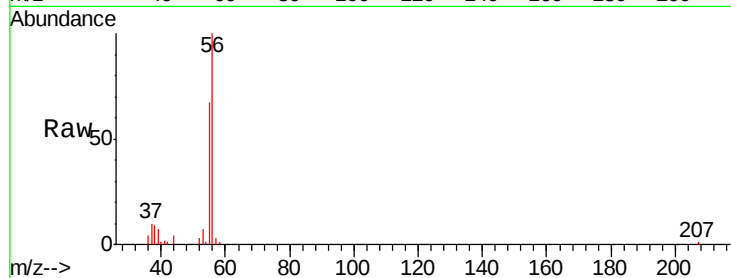
55 69.7 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 52.43 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

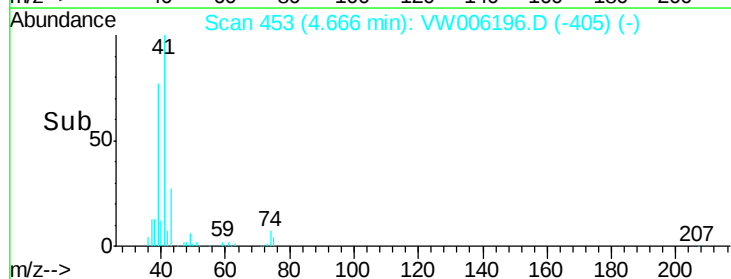
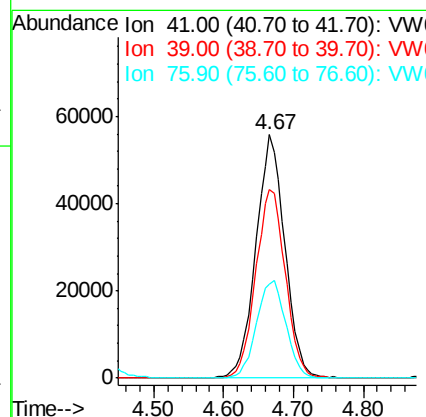
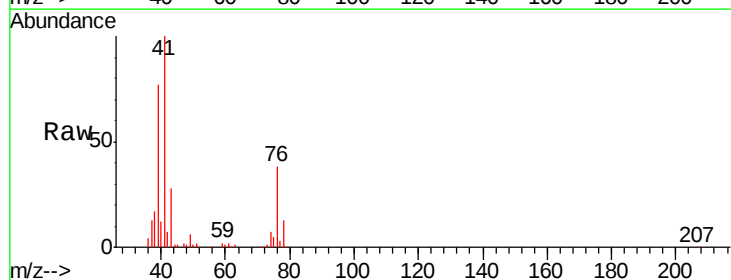
Tgt Ion: 41 Resp: 160344

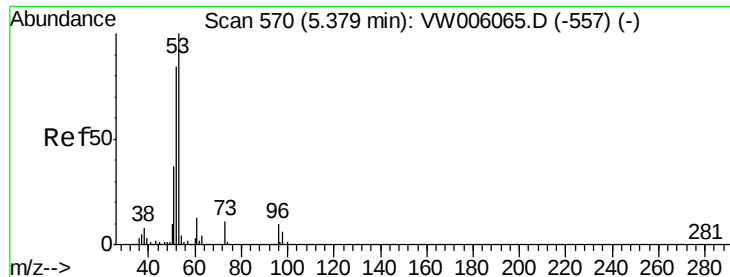
Ion Ratio Lower Upper

41 100

39 79.7 64.1 96.1

76 40.5 32.2 48.4





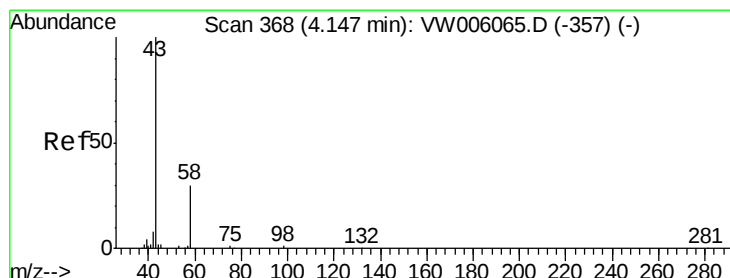
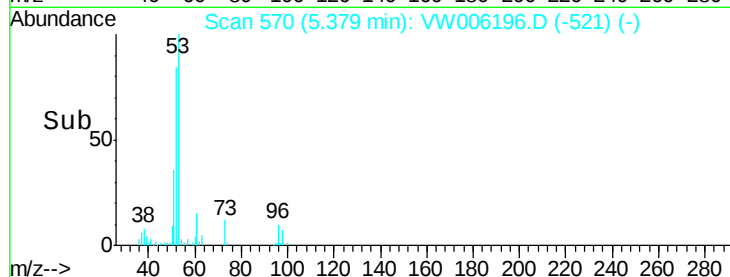
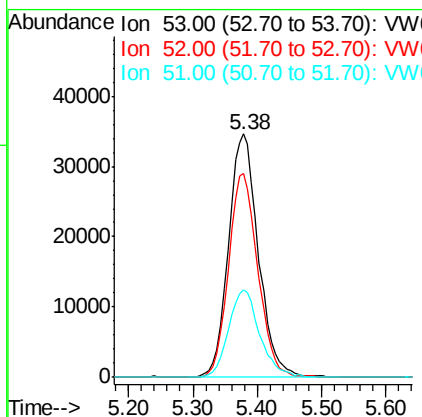
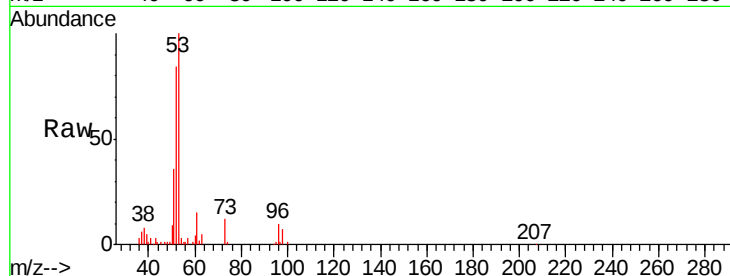
#15
 Acrylonitrile
 Concen: 271.52 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.9	100.3
51	37.5	30.1	45.1

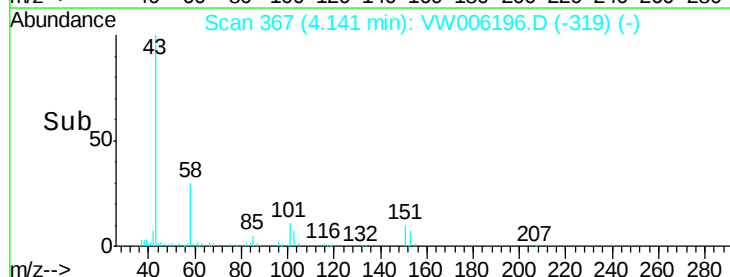
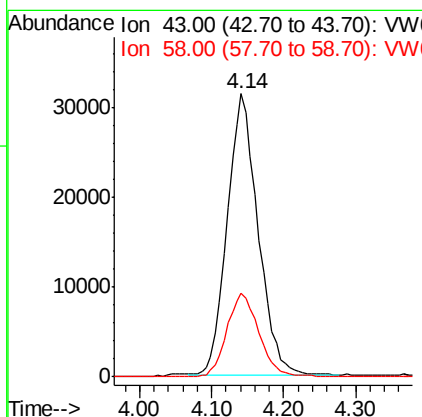
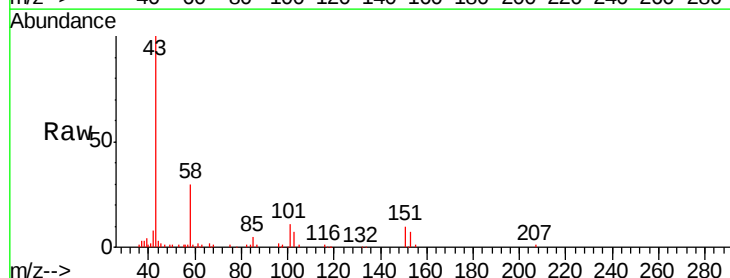
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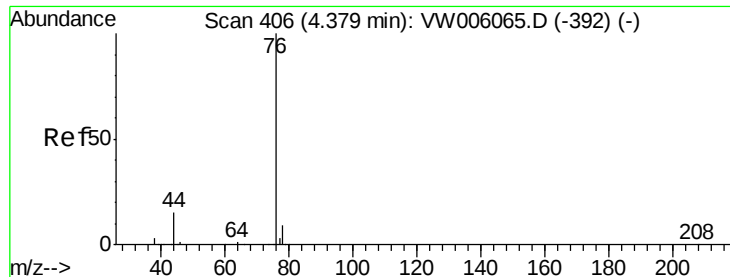
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#16
 Acetone
 Concen: 233.44 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.0	36.0





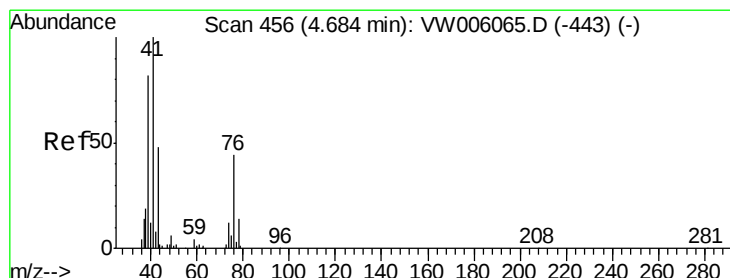
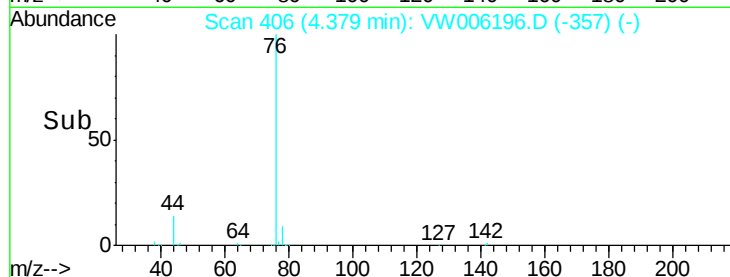
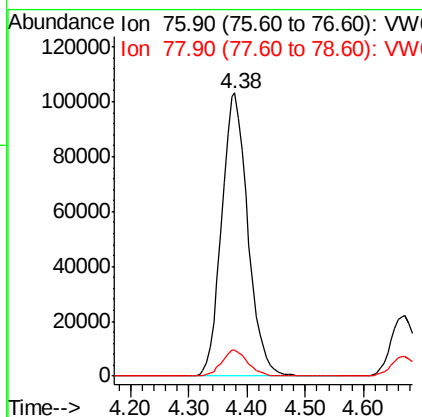
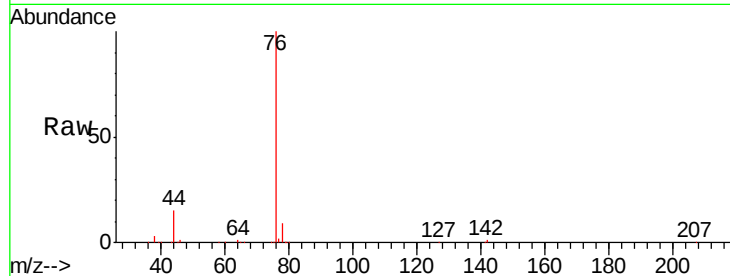
#17
Carbon Disulfide
Concen: 49.82 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

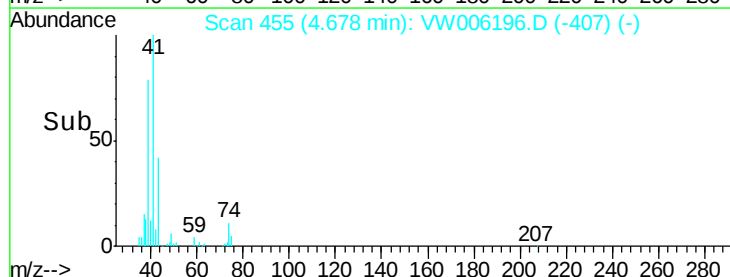
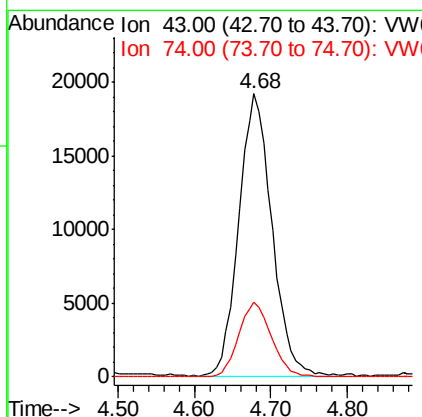
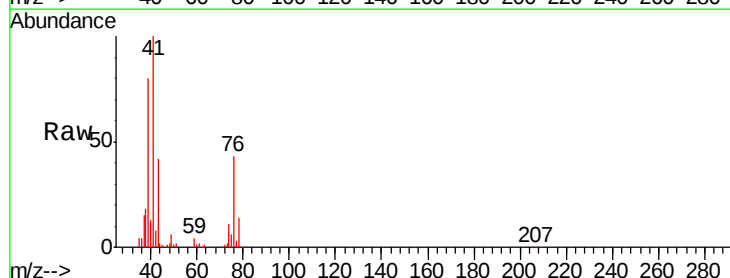
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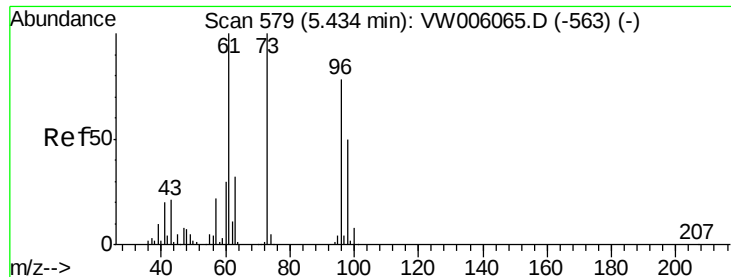
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#18
Methyl Acetate
Concen: 53.81 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	20.5	30.7





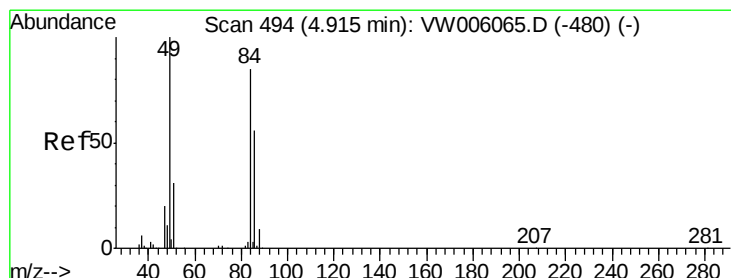
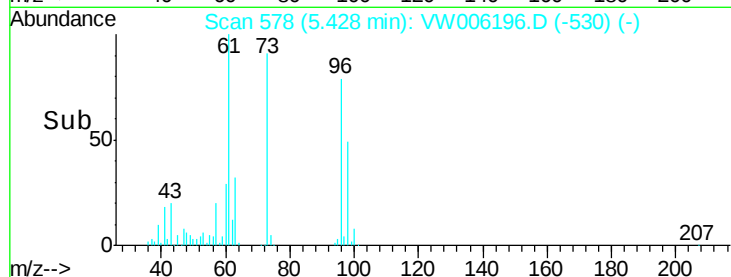
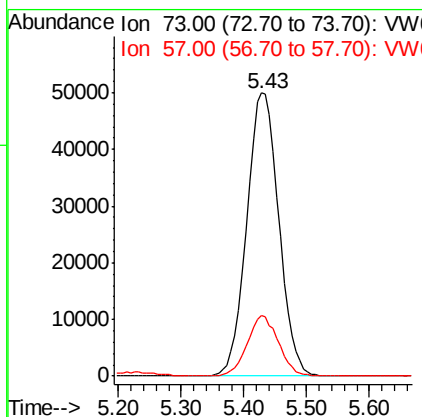
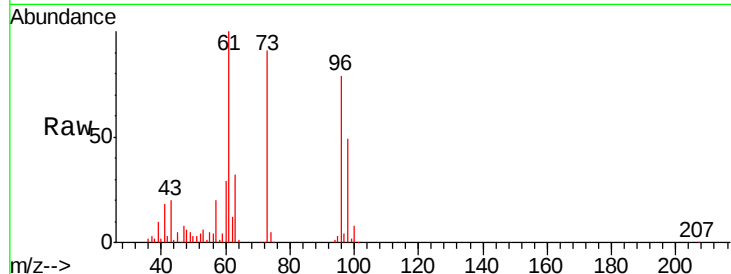
#19
Methyl tert-butyl Ether
Concen: 54.19 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 176527
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2

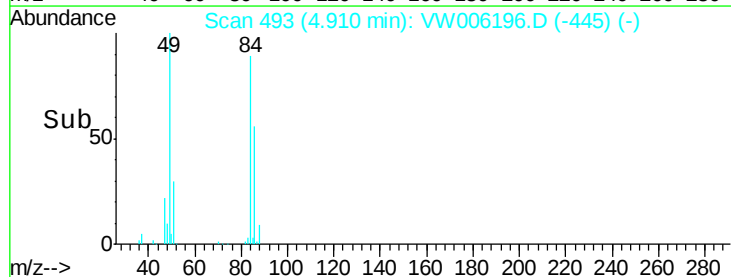
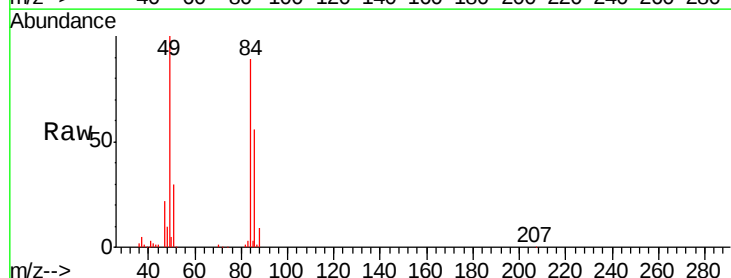
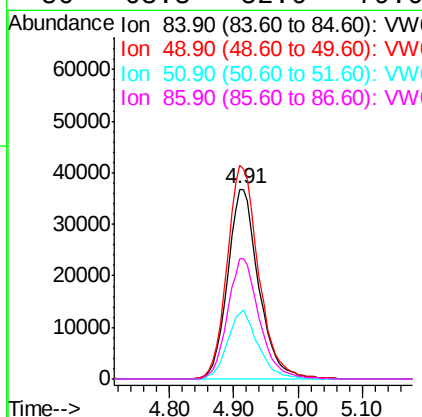
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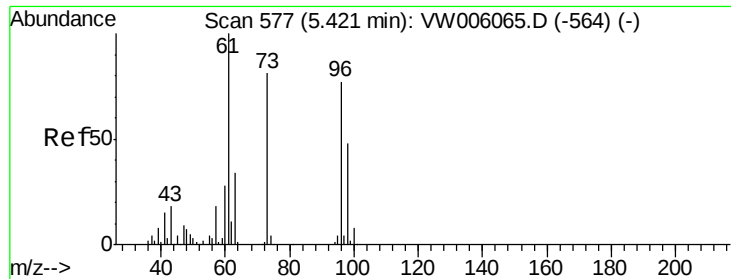
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#20
Methylene Chloride
Concen: 55.42 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion: 84 Resp: 124041
Ion Ratio Lower Upper
84 100
49 112.5 93.6 140.4
51 34.2 29.0 43.4
86 63.3 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 54.68 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

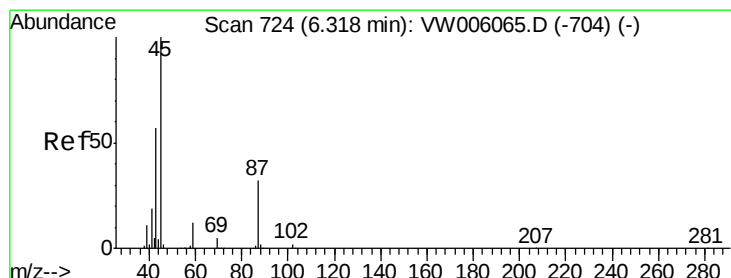
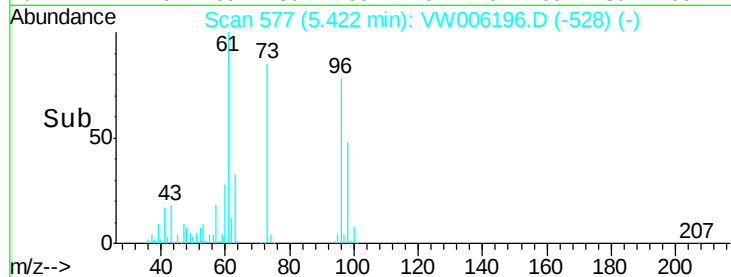
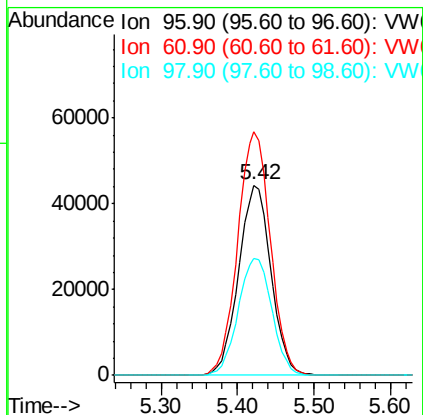
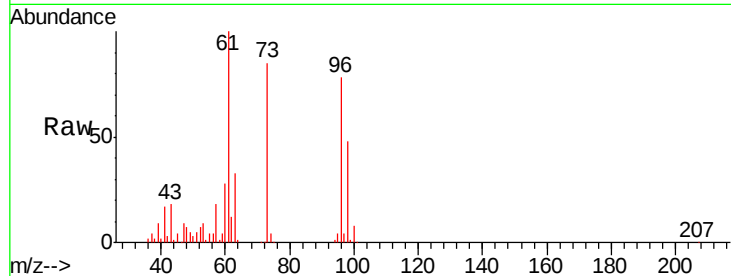
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	130546
Ion	Ratio	Lower	Upper
96	100		
61	128.2	104.5	156.7
98	61.7	50.6	75.8

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#22

Diisopropyl ether

Concen: 54.93 ug/l

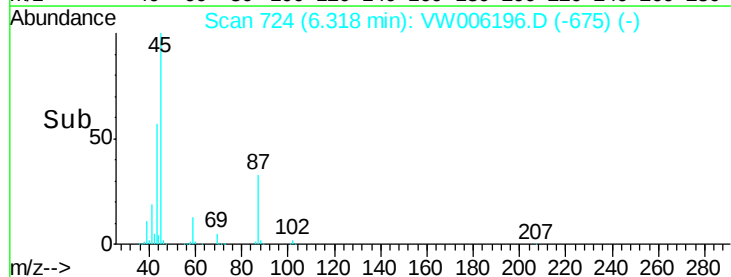
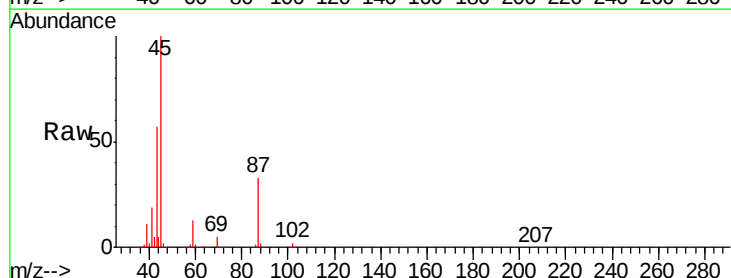
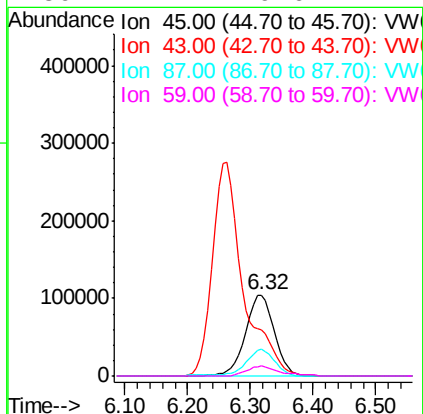
RT: 6.32 min Scan# 724

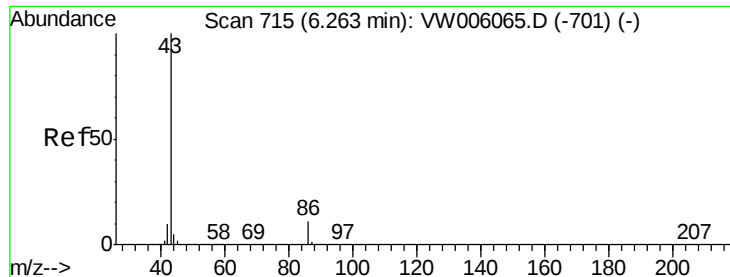
Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion:	45	Resp:	331973
Ion	Ratio	Lower	Upper
45	100		
43	56.1	45.7	68.5
87	32.6	25.9	38.9
59	12.7	9.6	14.4





#23

Vinyl Acetate

Concen: 262.40 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 935857

Ion Ratio Lower Upper

43 100

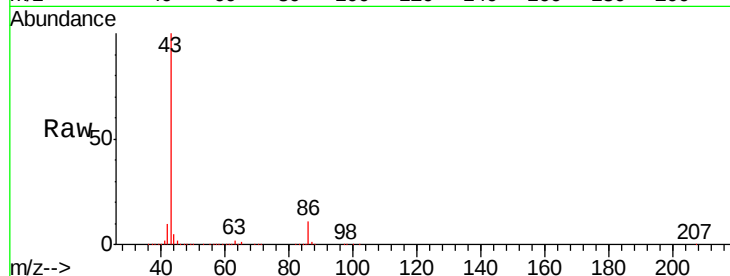
86 11.3 9.0 13.6

Manual Integrations

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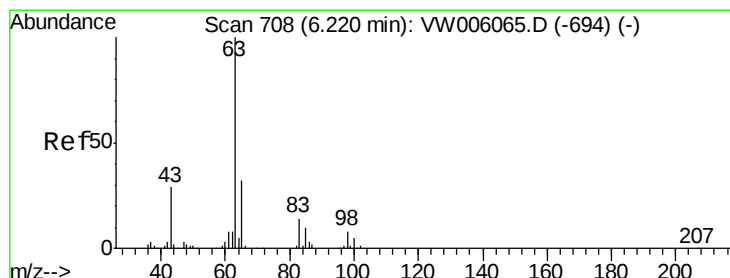
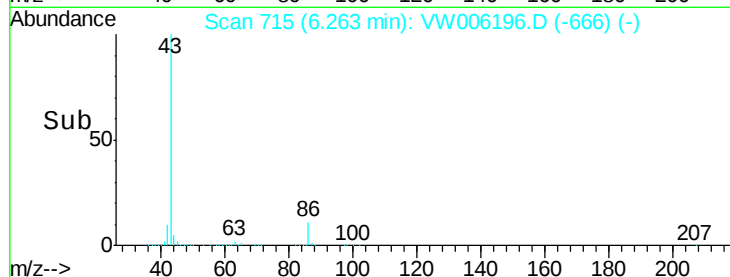
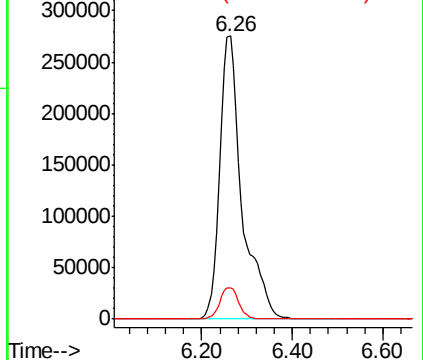
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 55.53 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

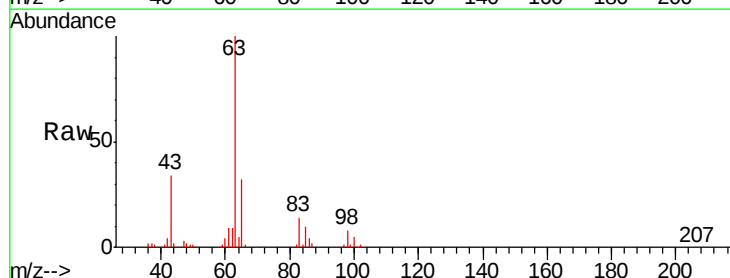
Tgt Ion: 63 Resp: 216523

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

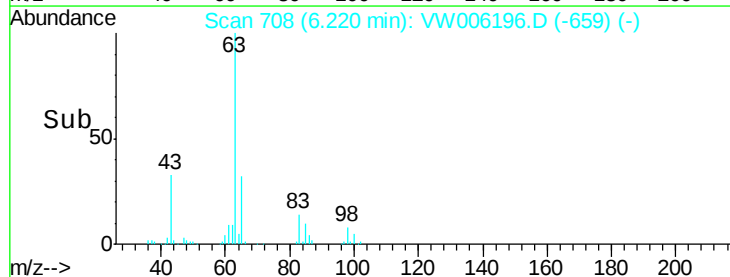
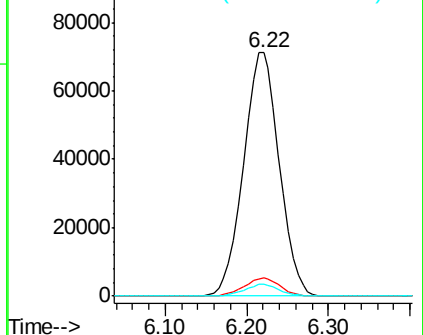
100 5.1 2.5 7.5

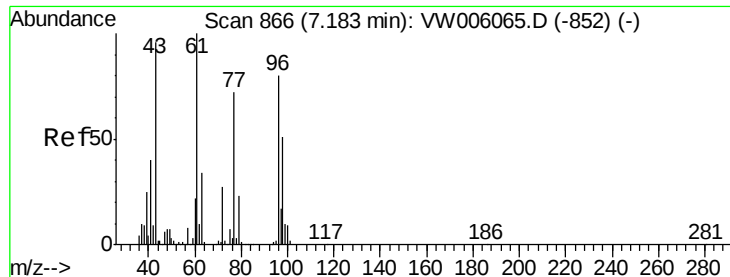


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 248.33 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 142372

Ion Ratio Lower Upper

43 100

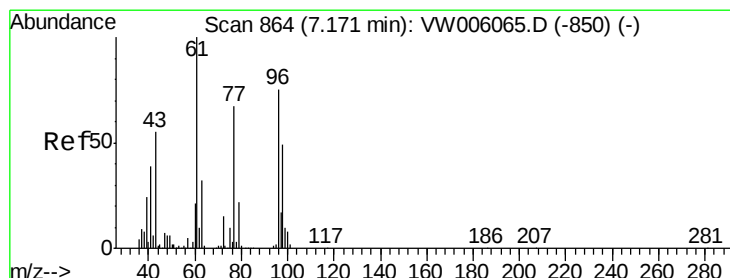
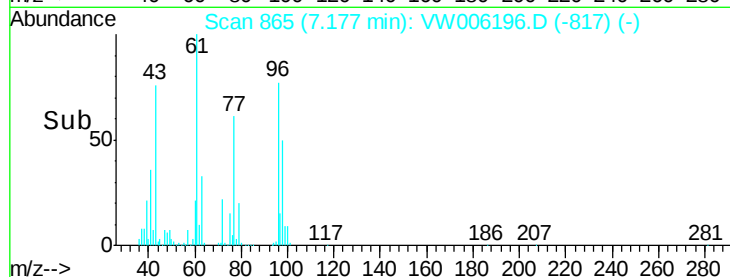
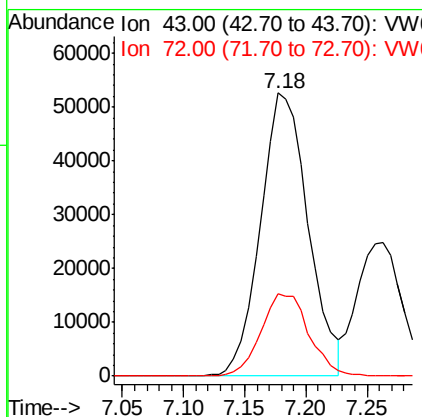
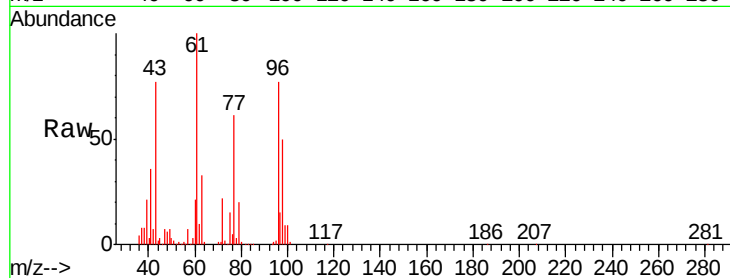
72 29.2 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 47.35 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006196.D

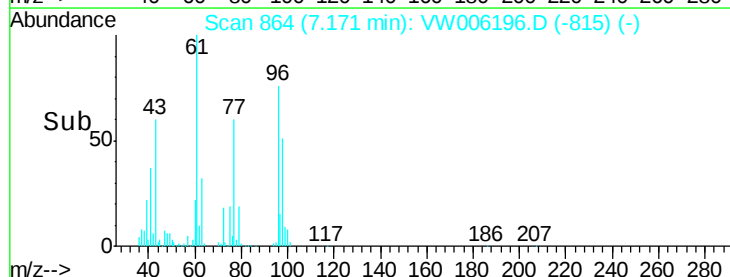
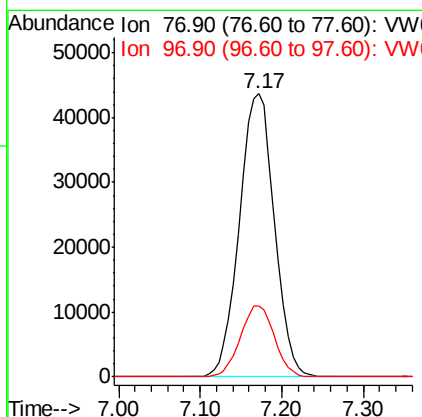
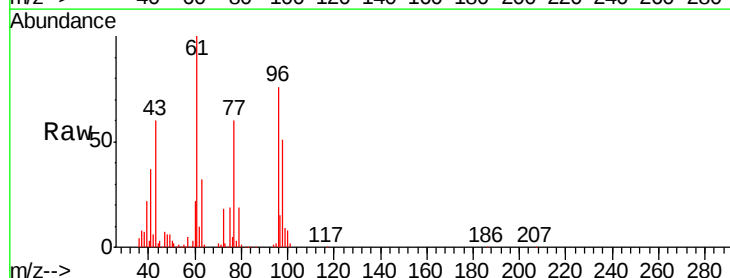
Acq: 19 Oct 2018 01:46

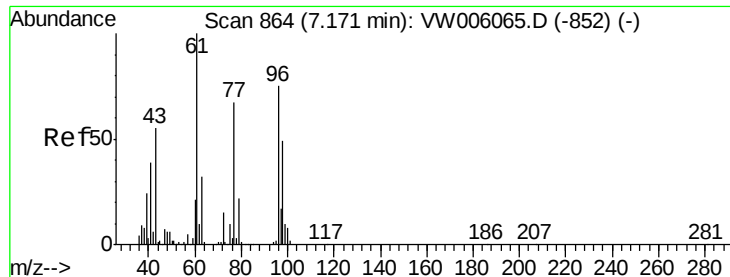
Tgt Ion: 77 Resp: 130223

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.4





#27

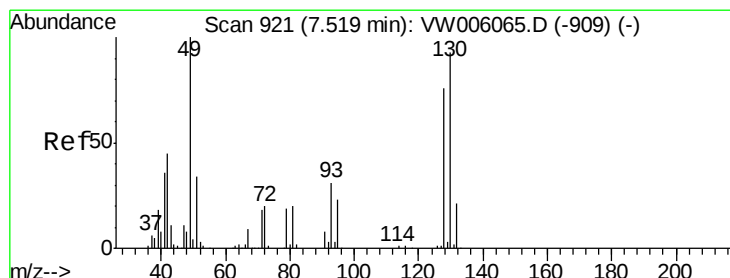
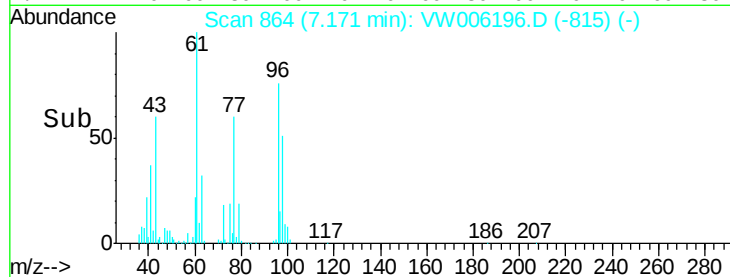
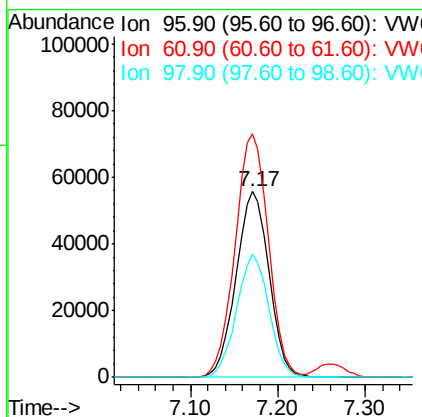
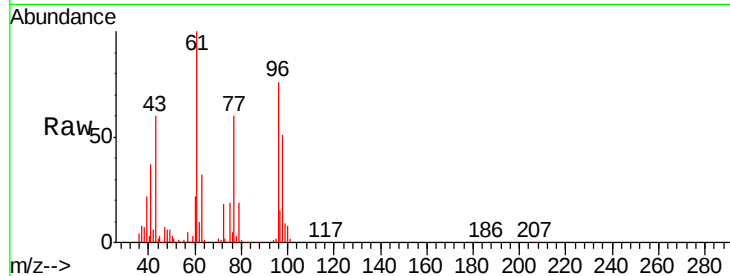
cis-1,2-Dichloroethene
Concen: 55.34 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	267.2
98	65.0	0.0	128.6

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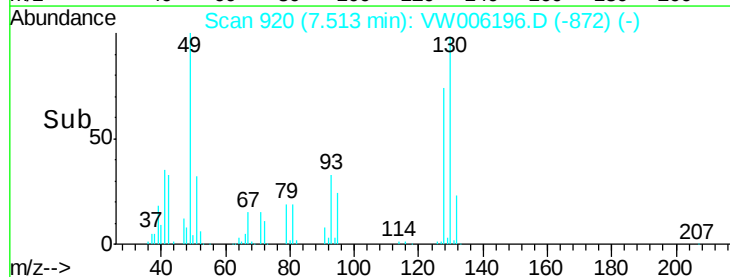
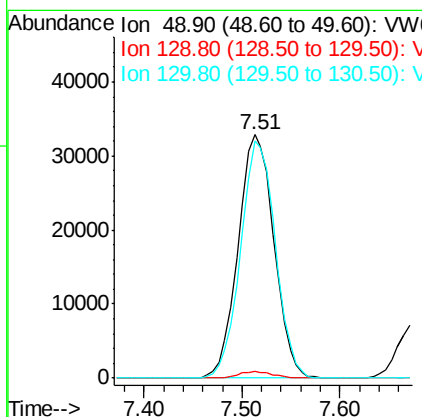
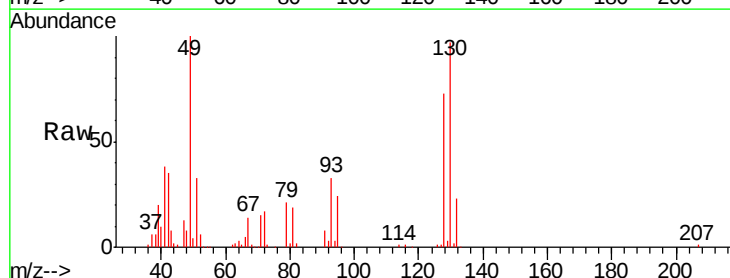
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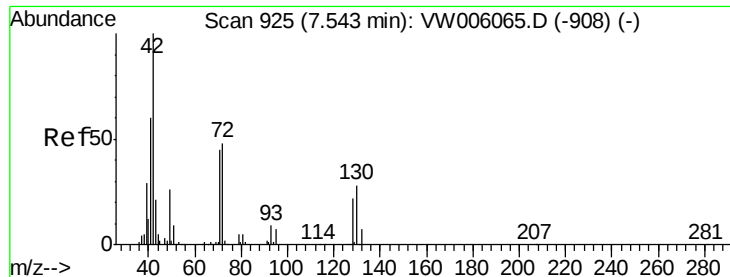


#28

Bromochloromethane
Concen: 55.39 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	94.7	73.8	110.8





#29

Tetrahydrofuran

Concen: 260.44 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

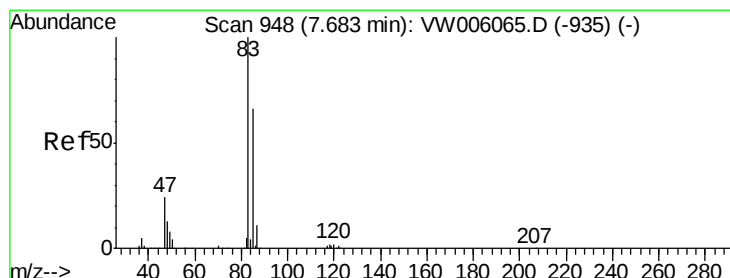
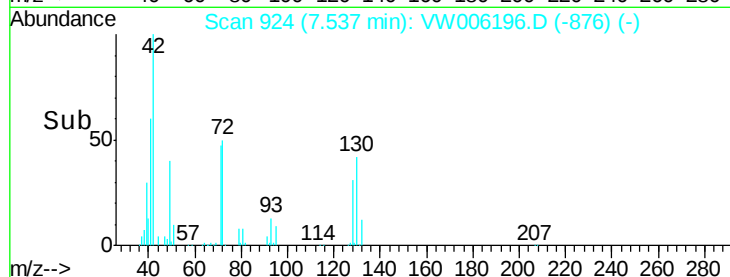
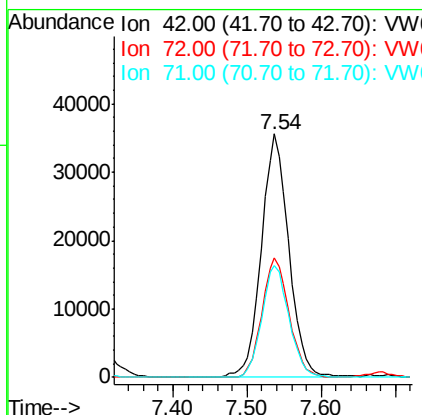
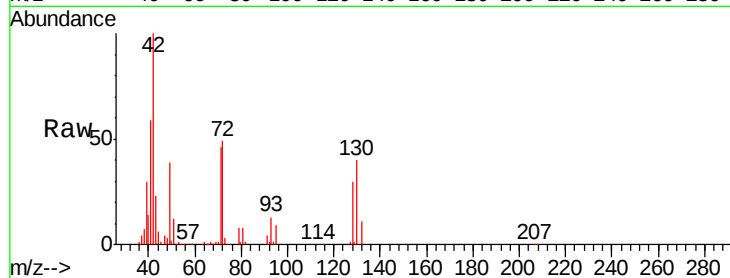
ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	91778
Ion	Ratio	Lower	Upper
42	100		
72	48.6	38.0	57.0
71	45.6	35.3	52.9

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#30

Chloroform

Concen: 55.54 ug/l

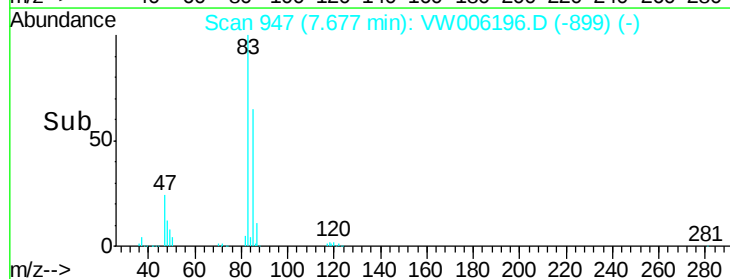
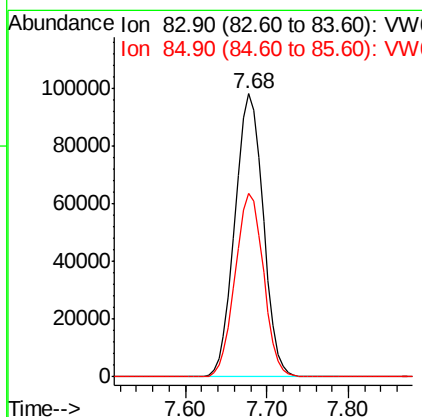
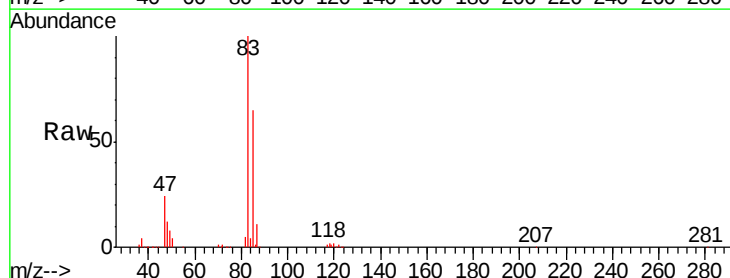
RT: 7.68 min Scan# 947

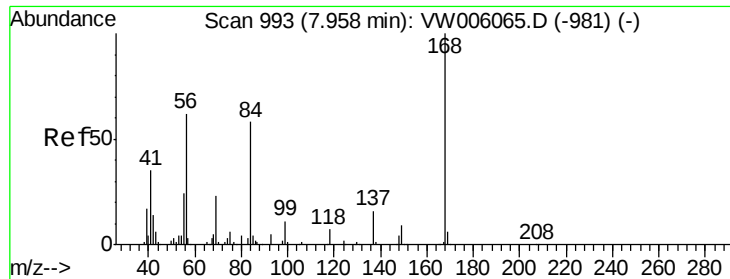
Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion:	83	Resp:	235947
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.6	79.0





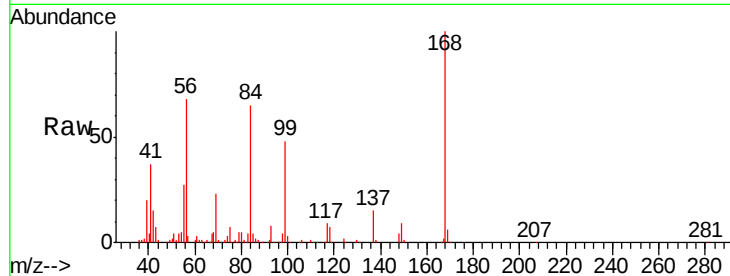
#31
Cyclohexane
Concen: 48.22 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

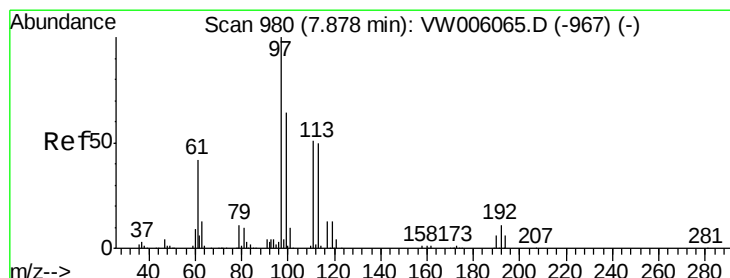
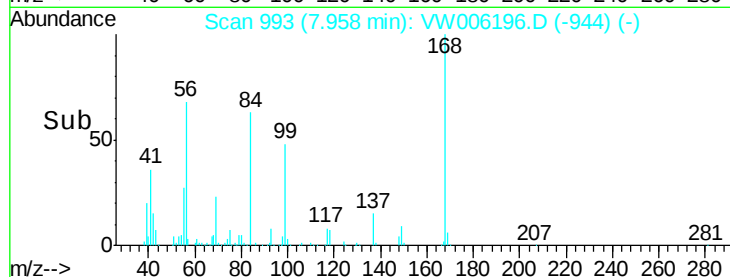
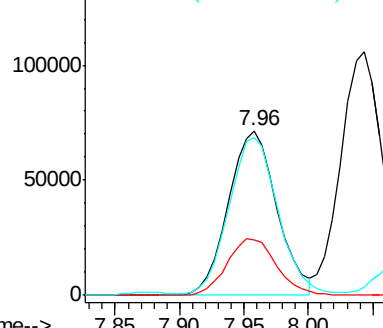
Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.9	29.4	44.0
84	94.4	74.0	111.0

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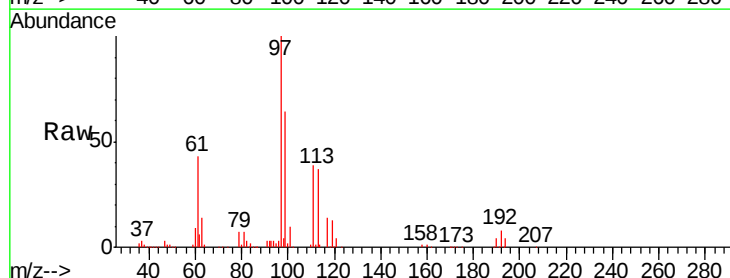


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

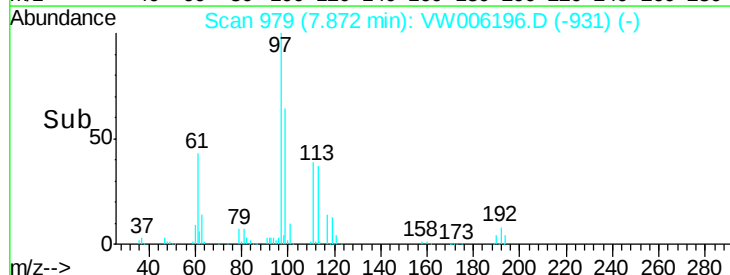
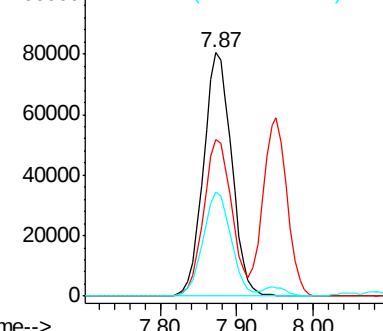


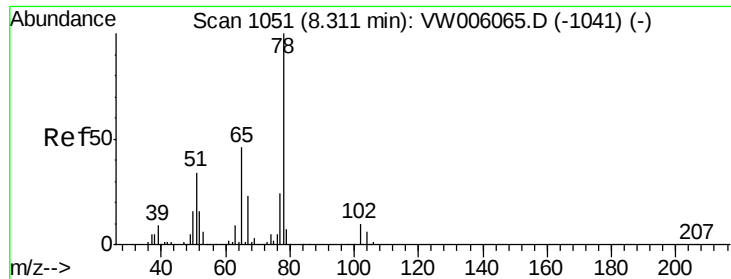
#32
1,1,1-Trichloroethane
Concen: 53.17 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.9	76.3
61	42.9	33.7	50.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





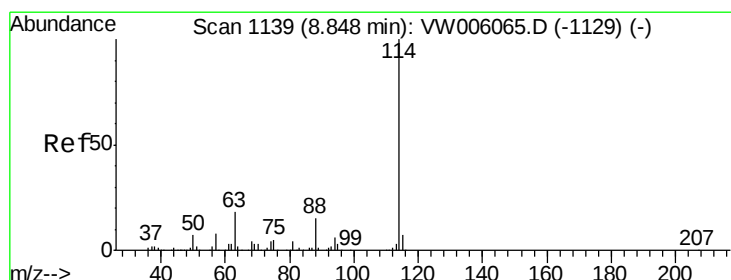
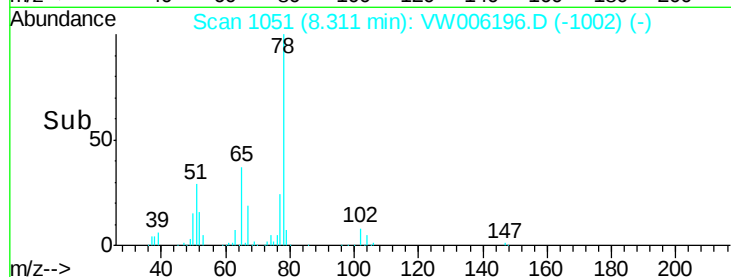
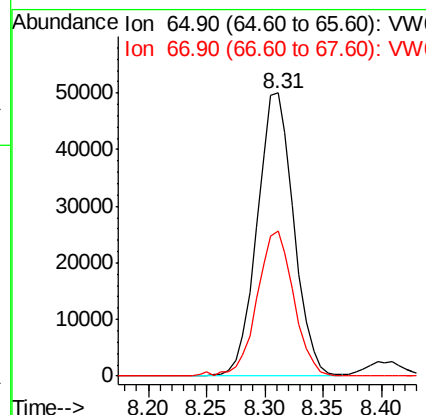
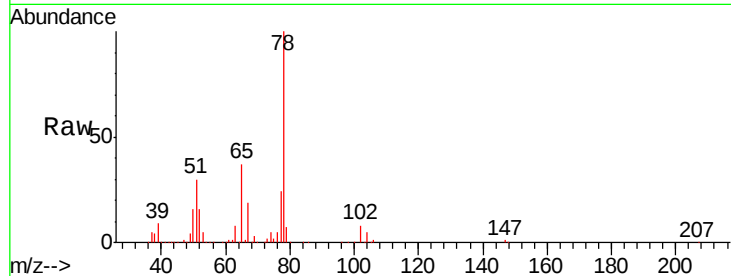
#33
 1,2-Dichloroethane-d4
 Concen: 51.59 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	109477		
67	51.4	0.0	101.0	

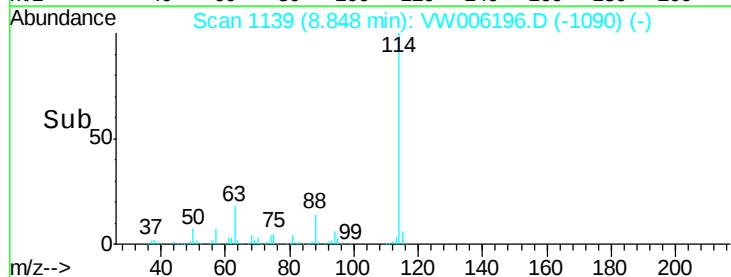
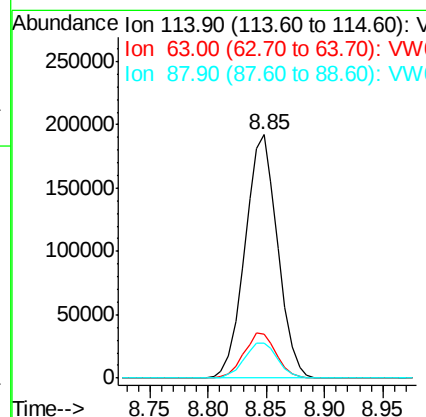
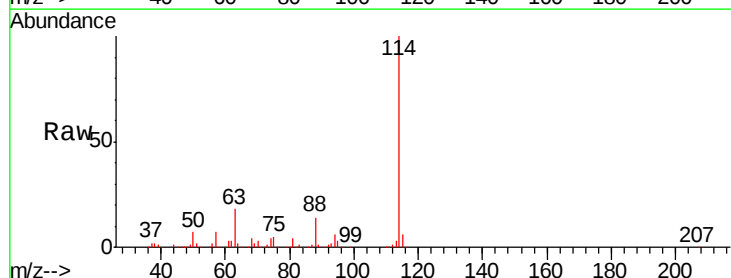
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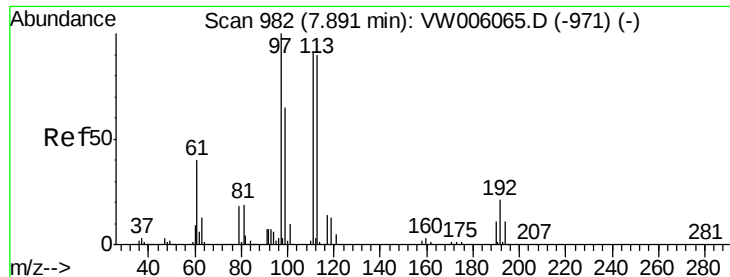
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	374011		
63	17.9	0.0	36.8	
88	14.4	0.0	29.0	





#35

Dibromofluoromethane

Concen: 50.24 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006196.D

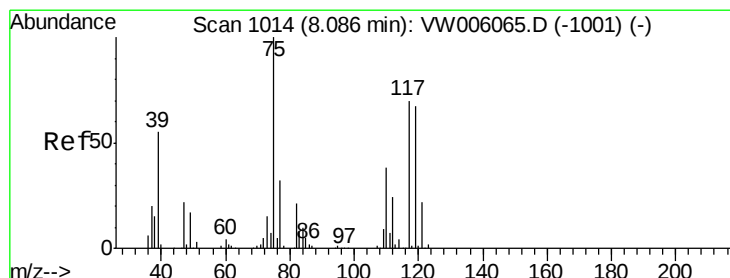
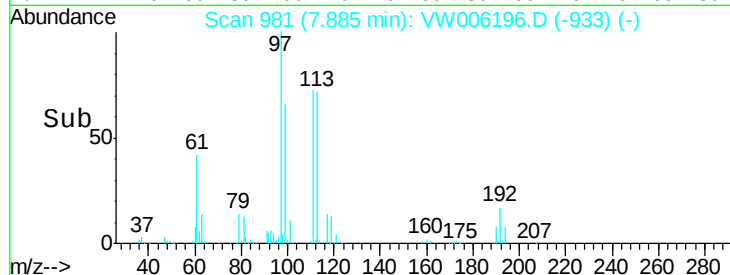
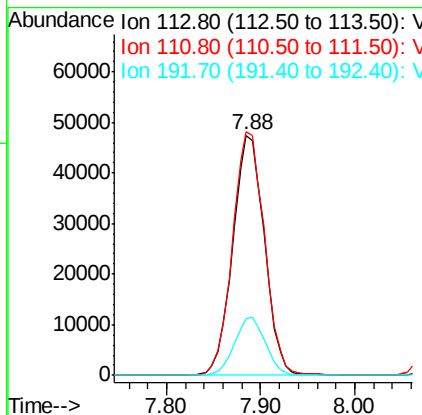
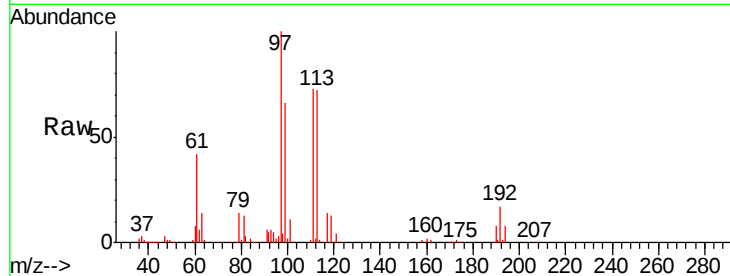
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	113	Resp:	111030
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.0
192	23.7	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 53.03 ug/l

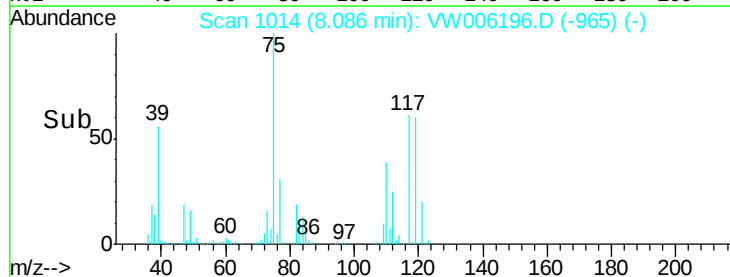
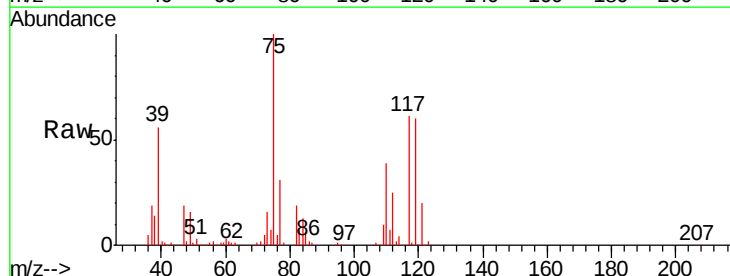
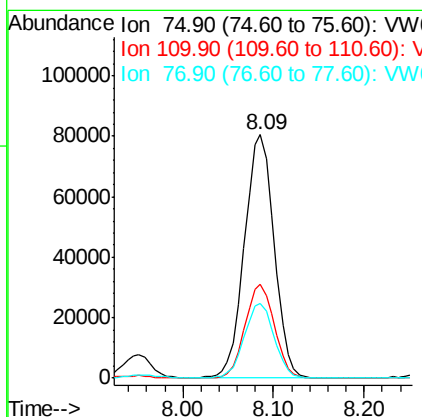
RT: 8.09 min Scan# 1014

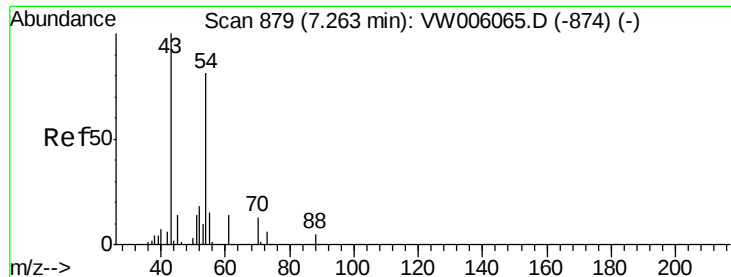
Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion:	75	Resp:	182827
Ion Ratio	Lower	Upper	
75	100		
110	38.0	19.1	57.1
77	31.1	25.0	37.4





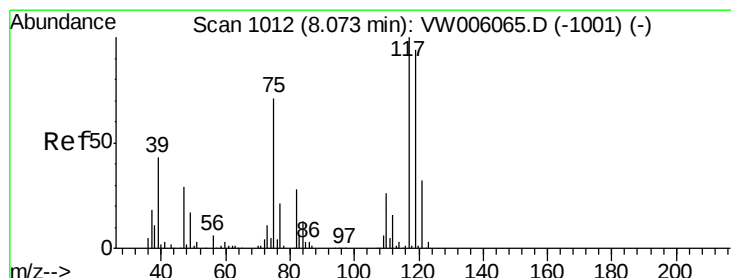
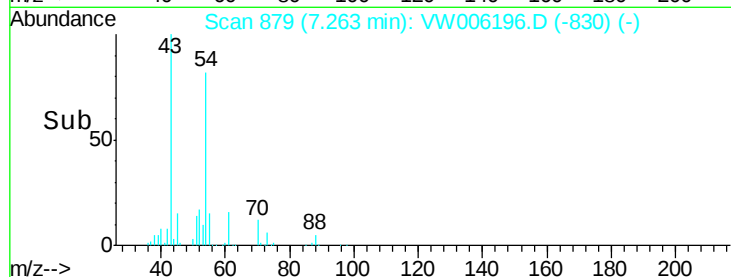
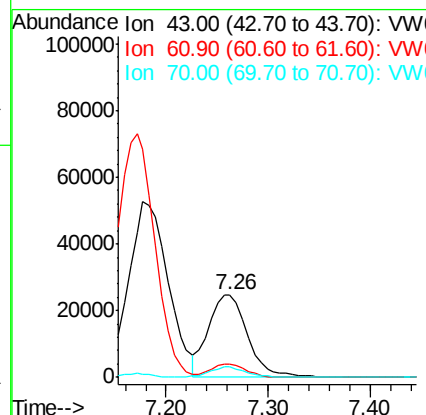
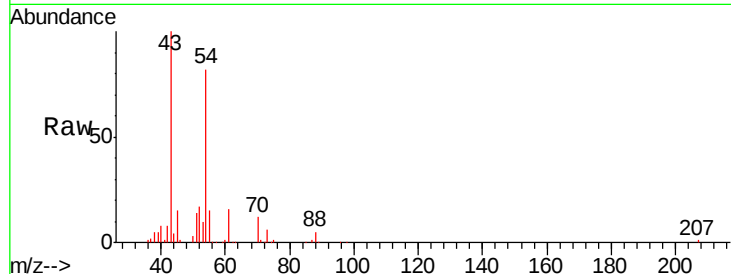
#37
Ethyl Acetate
Concen: 51.13 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.5	17.3
70	11.7	9.2	13.8

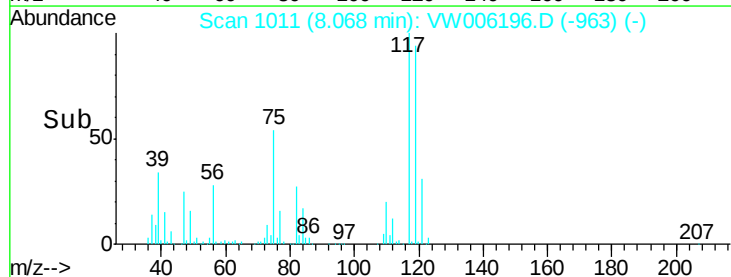
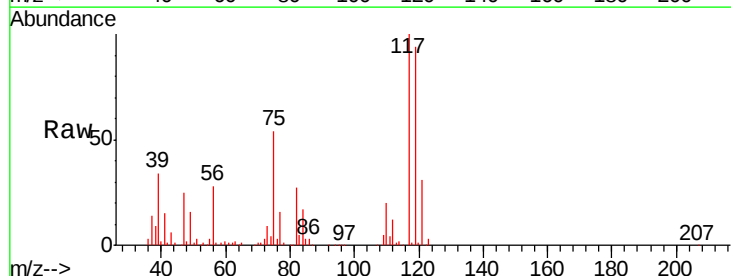
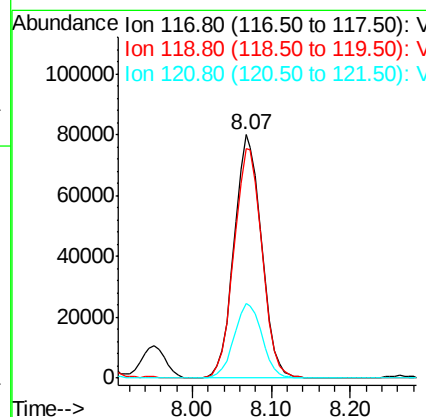
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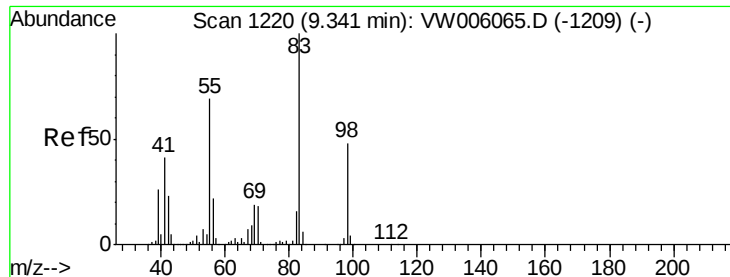
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#38
Carbon Tetrachloride
Concen: 51.12 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.2	112.8
121	30.6	25.3	37.9





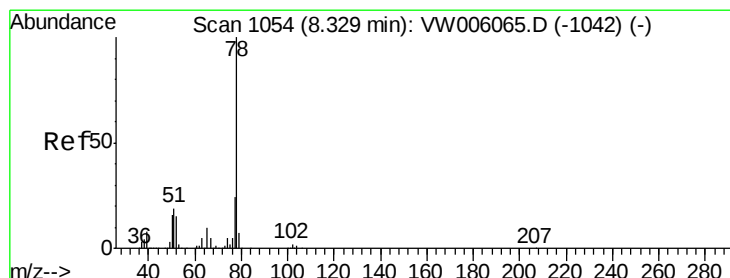
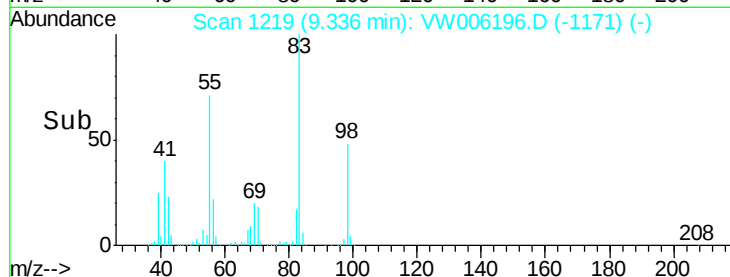
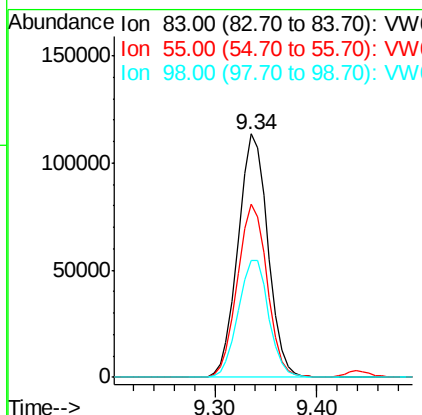
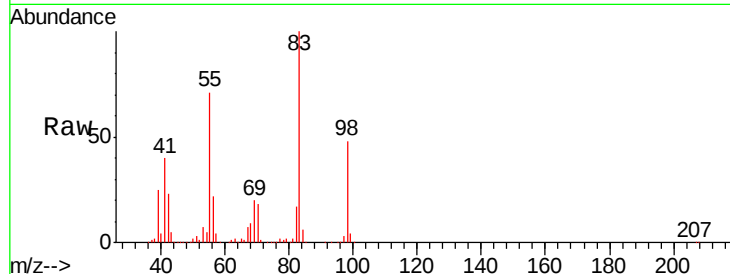
#39
Methylcyclohexane
Concen: 50.39 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.9	55.0	82.6
98	48.0	38.6	57.8

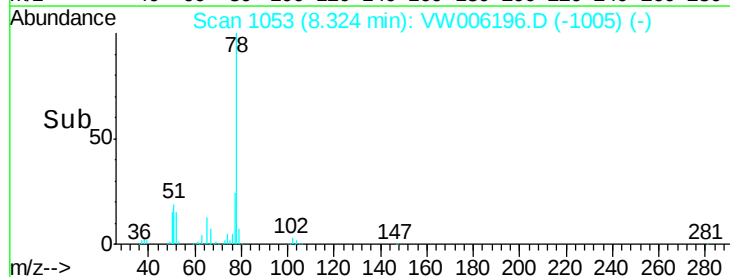
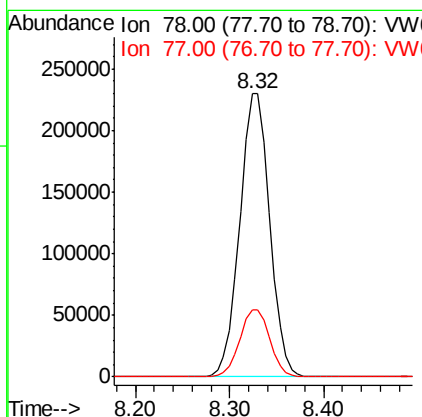
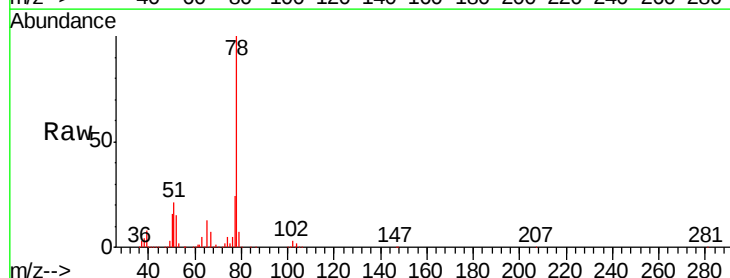
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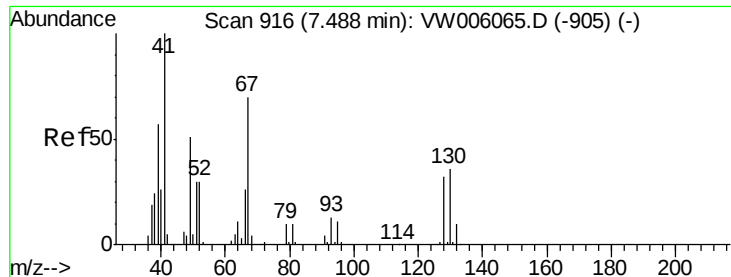
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#40
Benzene
Concen: 54.13 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





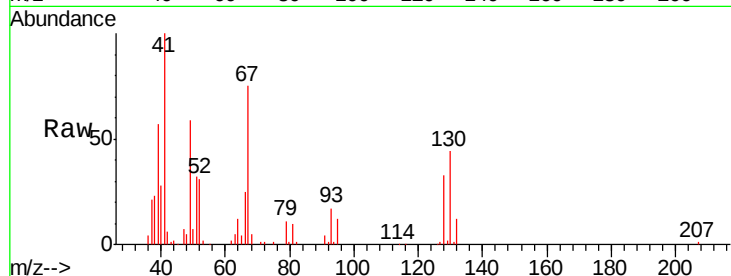
#41
Methacrylonitrile
Concen: 49.57 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.9	46.2	69.4
67	79.2	57.7	86.5
52	34.1	24.7	37.1

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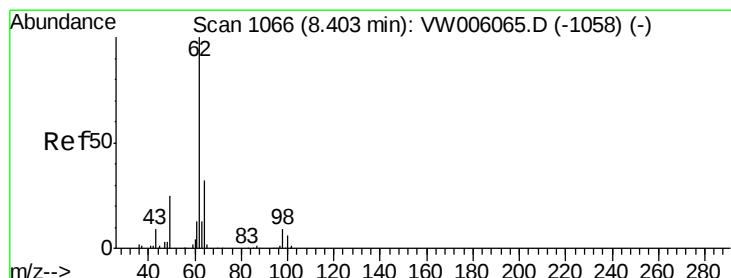
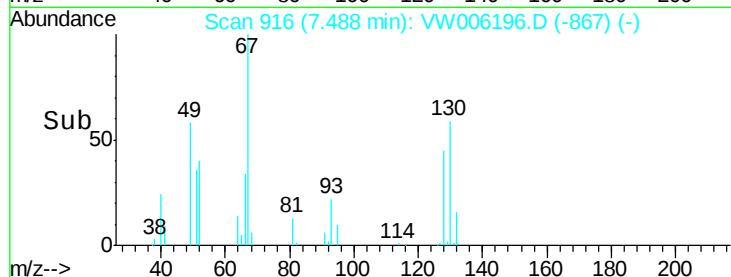
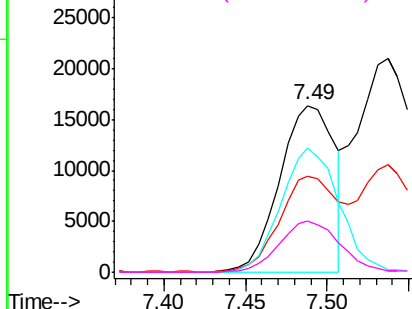
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

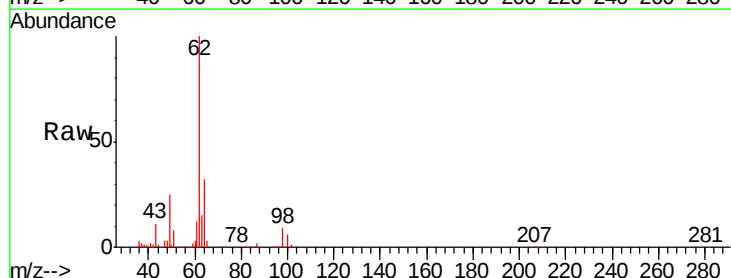
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 54.87 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

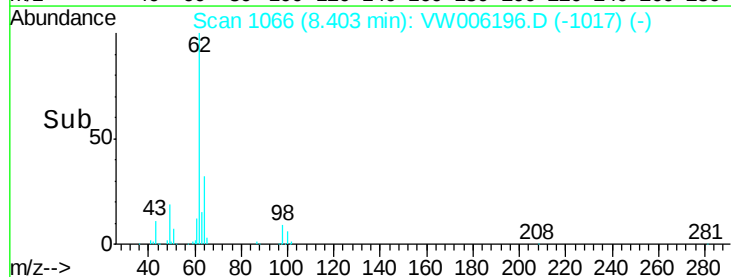
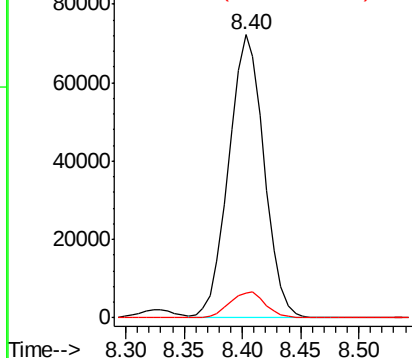
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

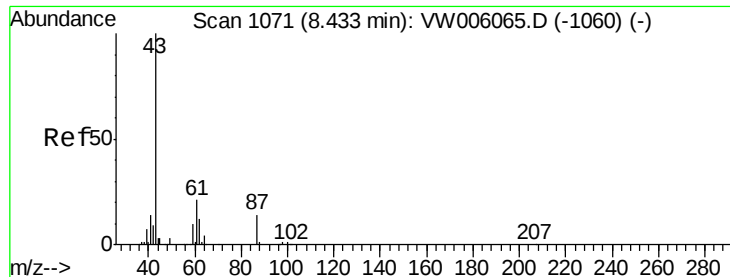


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.38 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

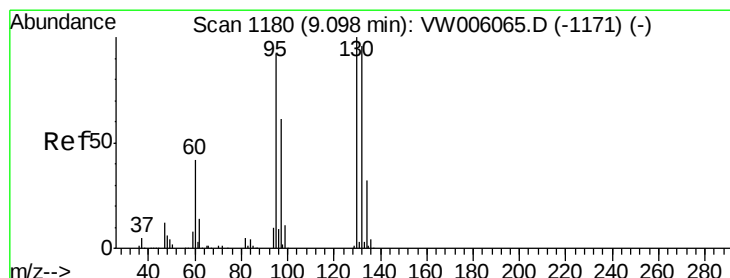
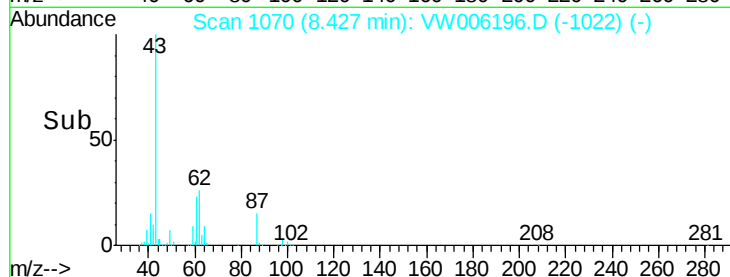
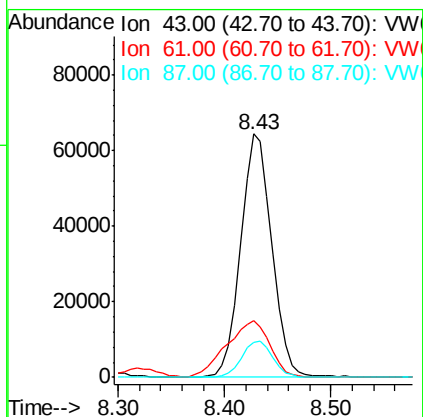
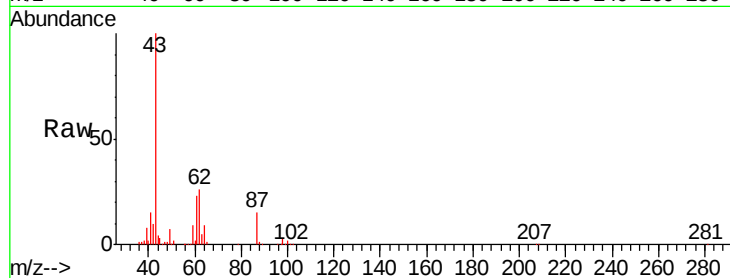
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	131933
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.5	38.3
87	15.0	11.7	17.5

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#44

Trichloroethene

Concen: 53.85 ug/l

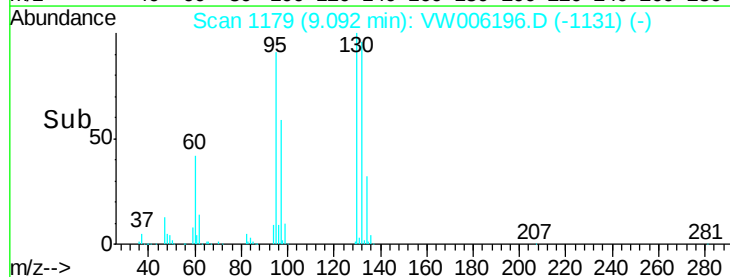
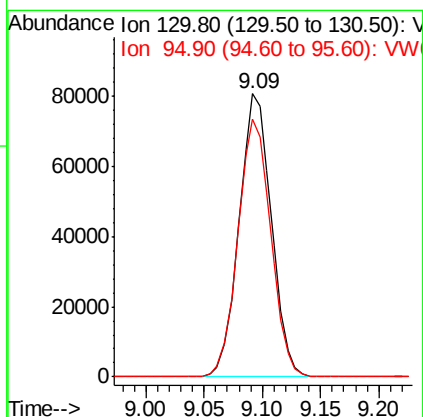
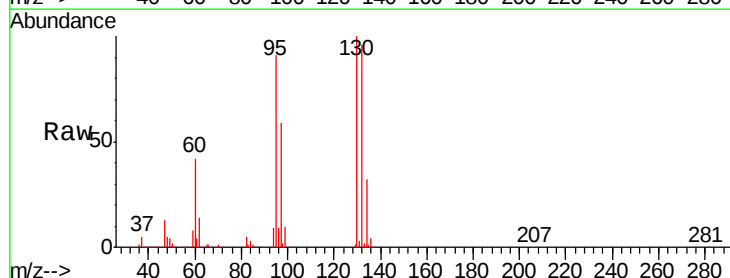
RT: 9.09 min Scan# 1179

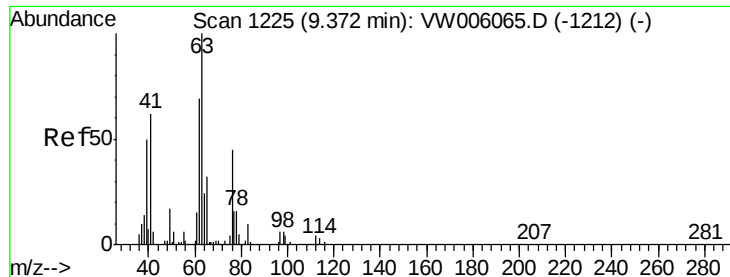
Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion:	130	Resp:	156230
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	183.2





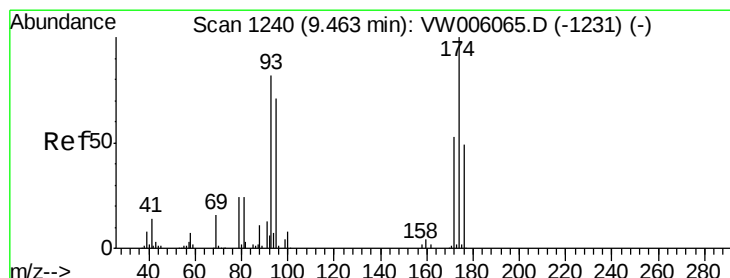
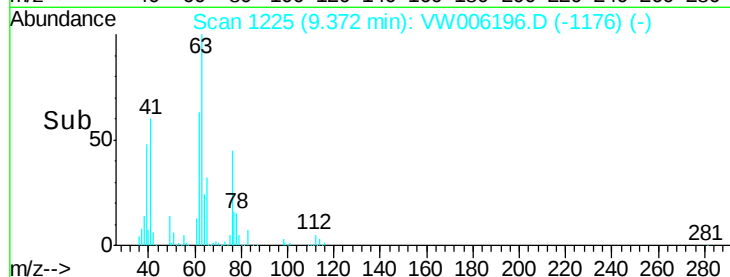
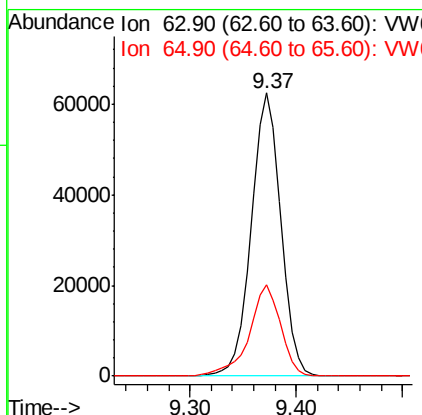
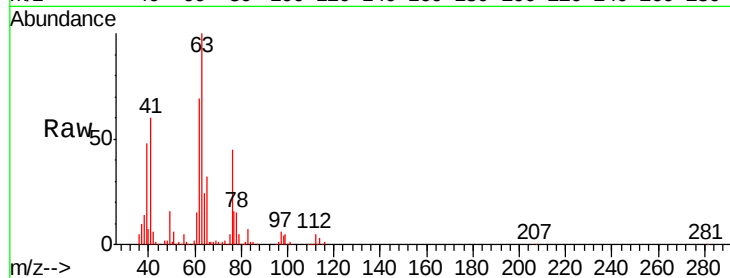
#45
1,2-Dichloropropane
Concen: 53.79 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.4	38.0

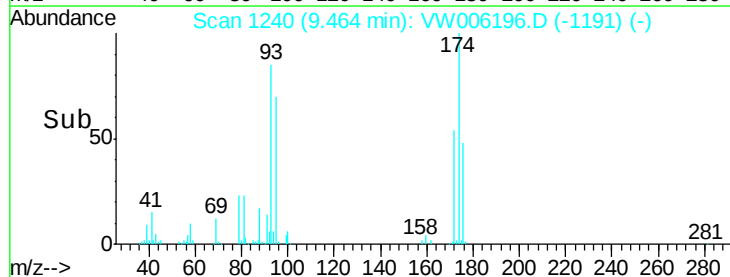
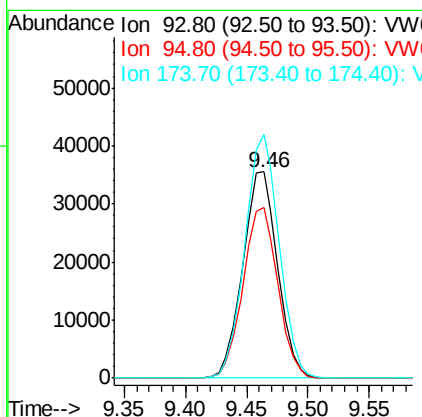
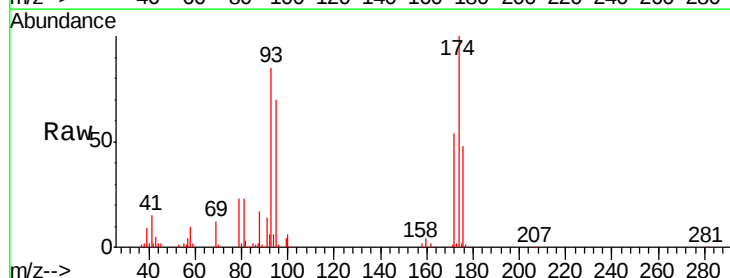
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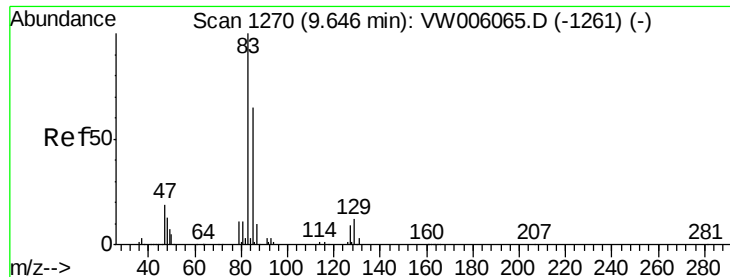
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#46
Dibromomethane
Concen: 54.54 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.7	101.5
174	116.1	93.7	140.5





#47

Bromodichloromethane

Concen: 53.45 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

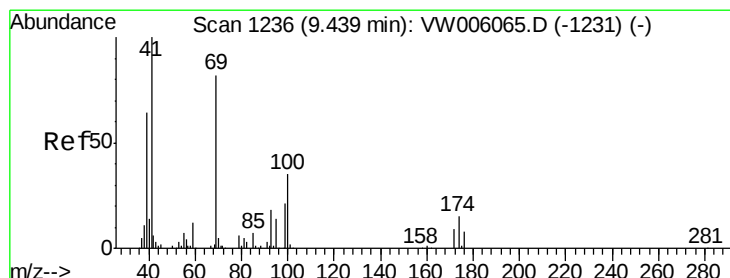
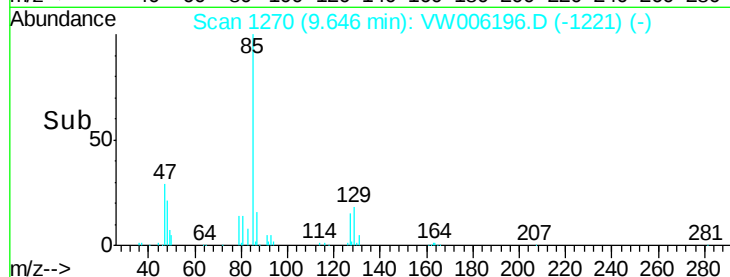
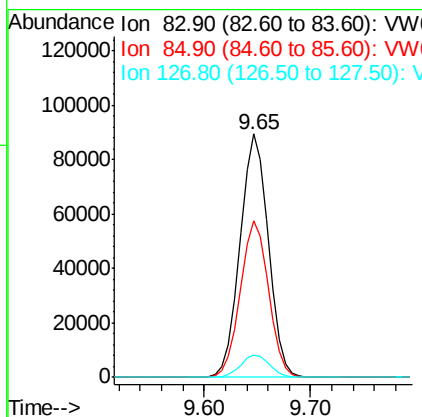
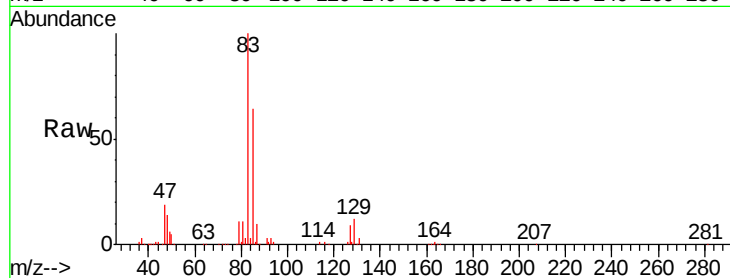
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	167122
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8
127	9.3	6.9	10.3

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#48

Methyl methacrylate

Concen: 52.18 ug/l

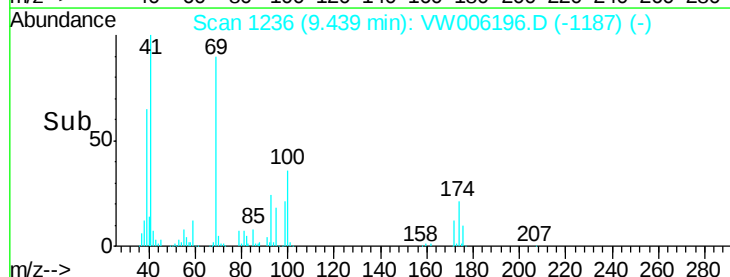
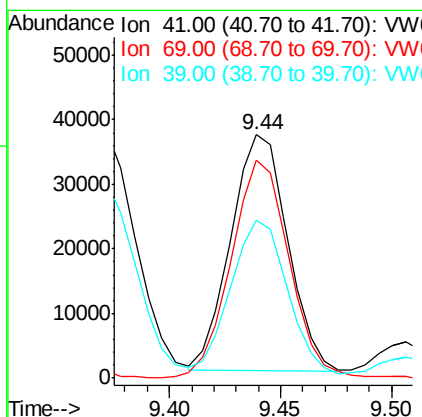
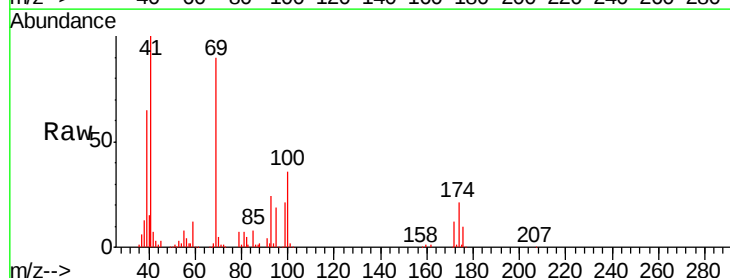
RT: 9.44 min Scan# 1236

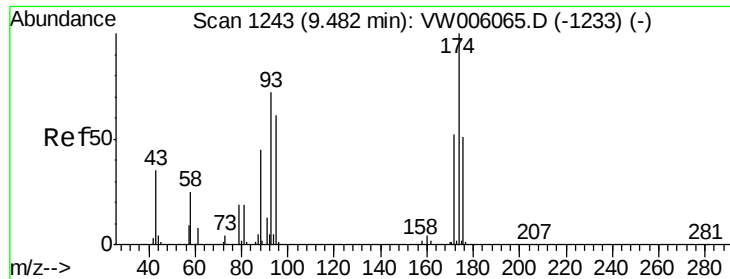
Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion:	41	Resp:	64770
Ion	Ratio	Lower	Upper
41	100		
69	94.8	71.8	107.8
39	64.3	52.5	78.7





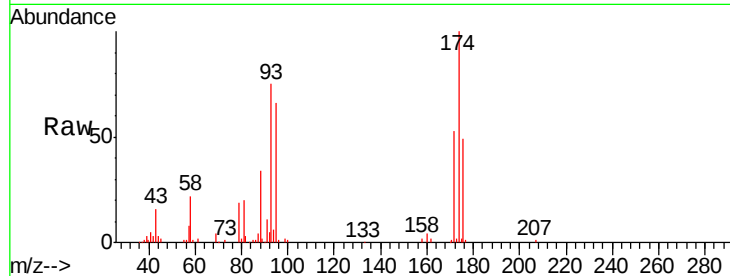
#49
1,4-Dioxane
Concen: 1097.58 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

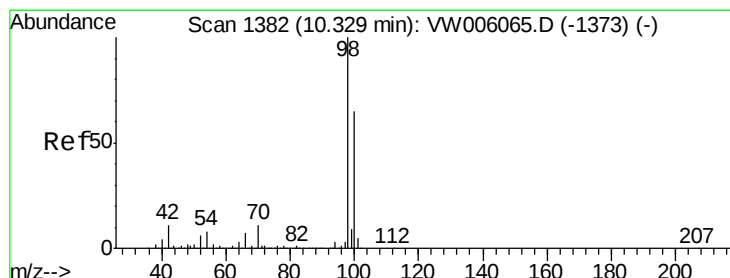
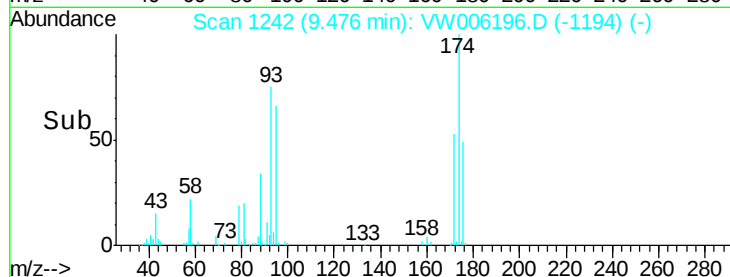
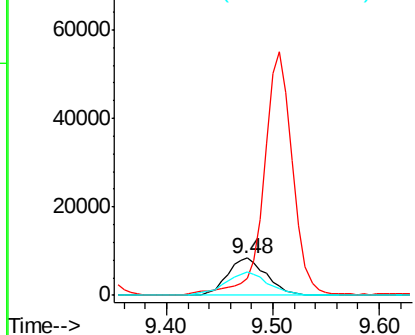
Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.4	51.2	76.8

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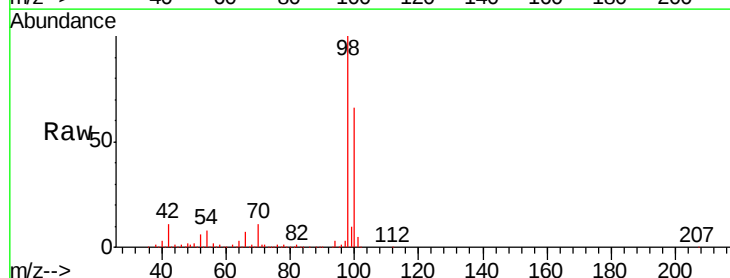


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

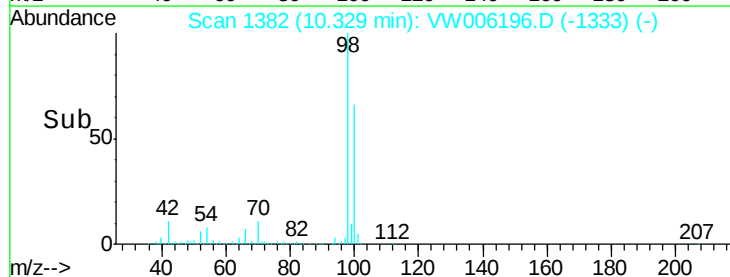
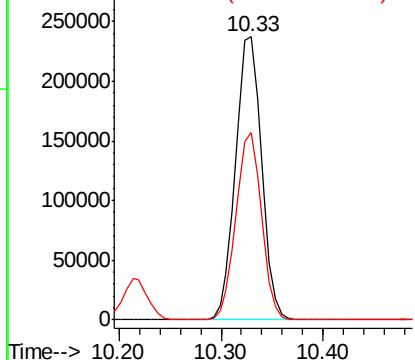


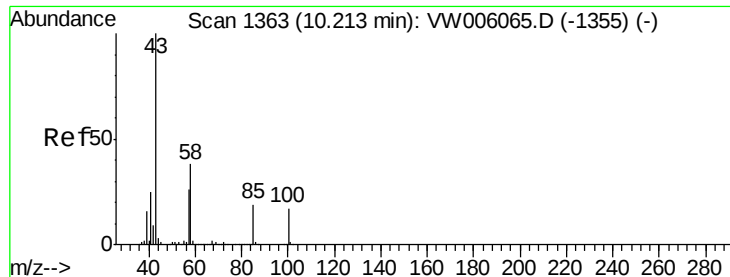
#50
Toluene-d8
Concen: 49.85 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





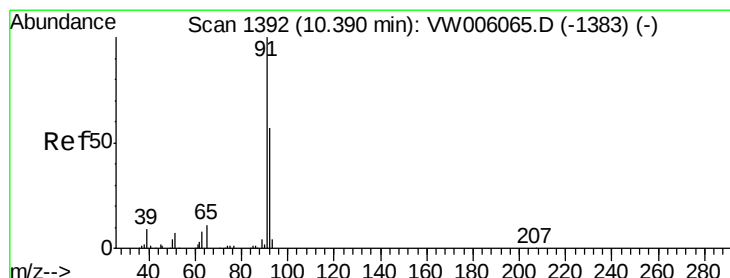
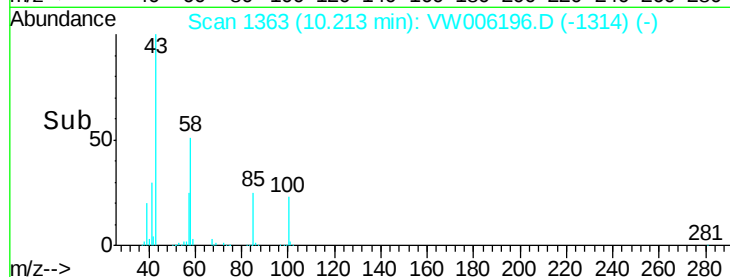
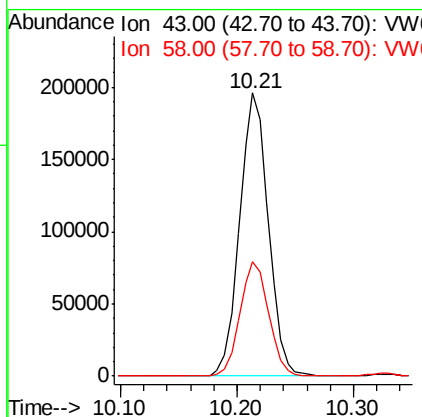
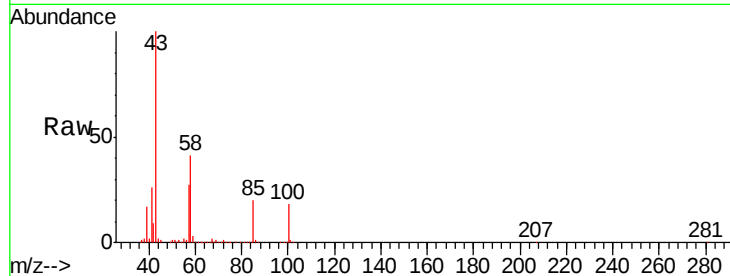
#51
 4-Methyl-2-Pentanone
 Concen: 256.54 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 336614
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.5 47.3

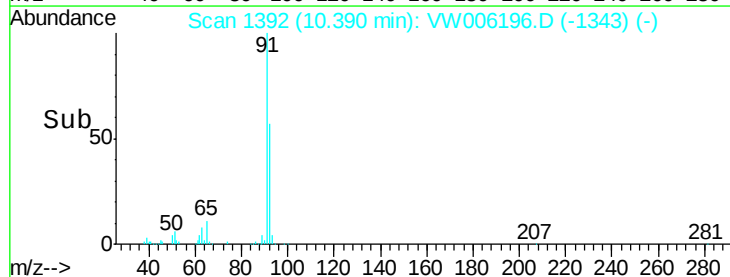
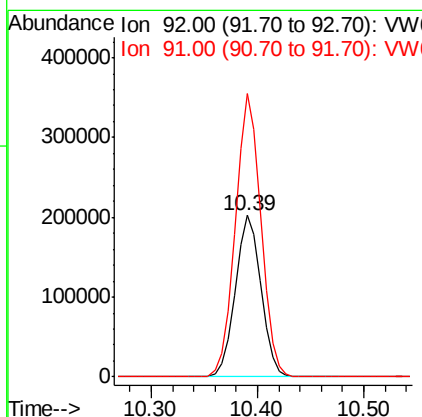
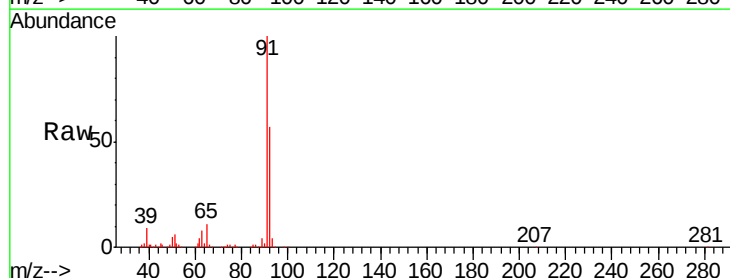
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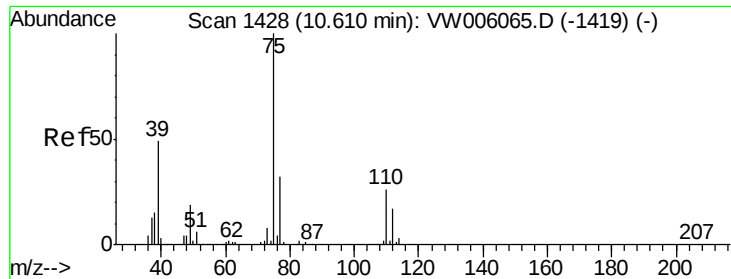
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#52
 Toluene
 Concen: 54.02 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion: 92 Resp: 342462
 Ion Ratio Lower Upper
 92 100
 91 174.4 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 51.16 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 159394

Ion Ratio Lower Upper

75 100

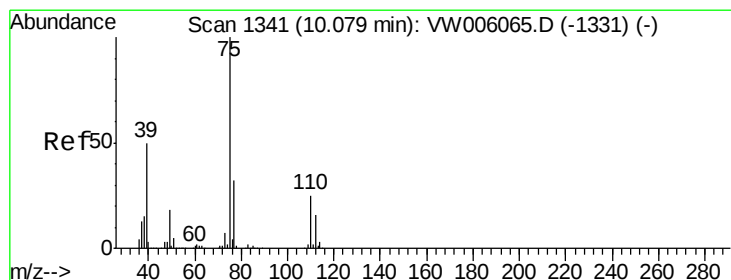
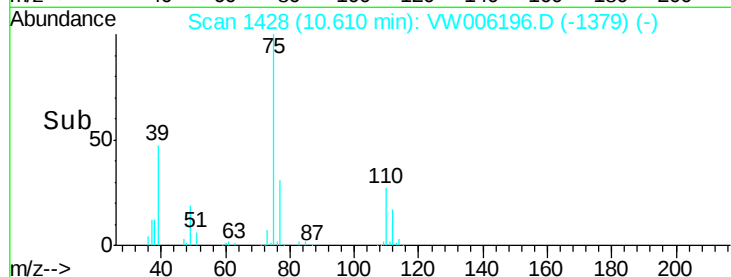
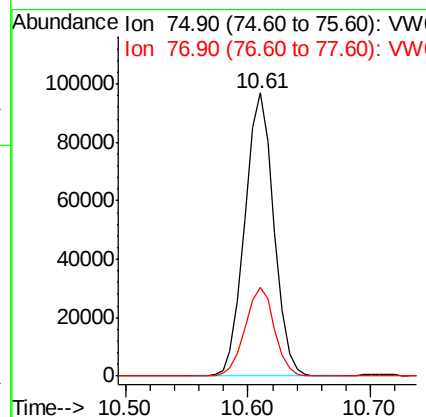
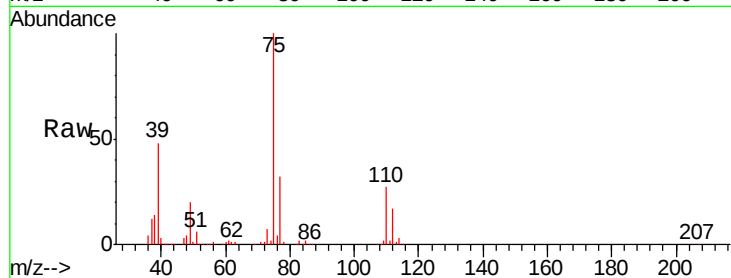
77 31.5 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 52.39 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

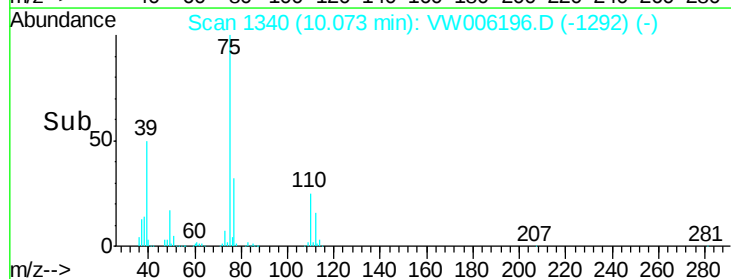
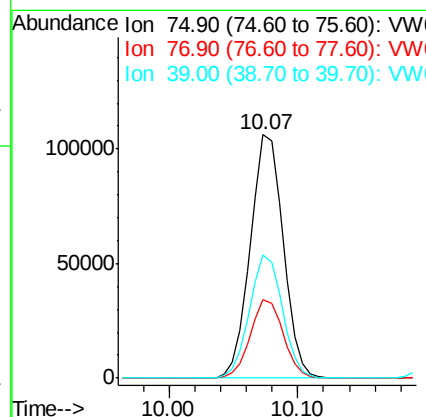
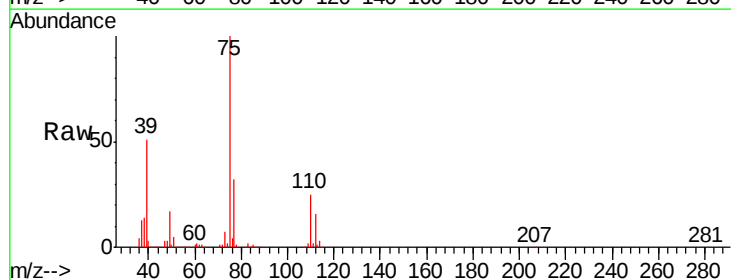
Tgt Ion: 75 Resp: 187306

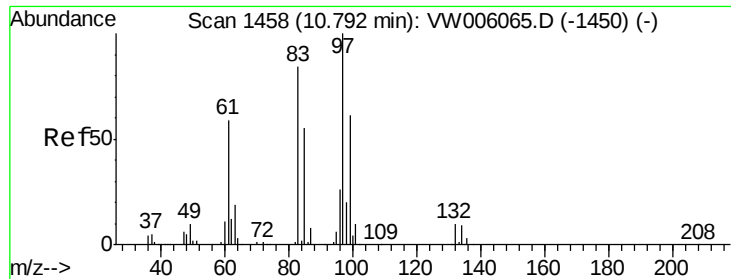
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 50.6 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 53.80 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

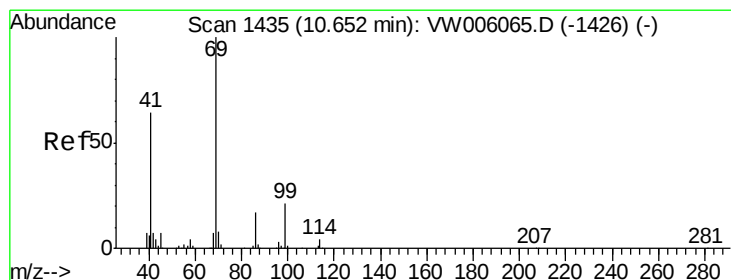
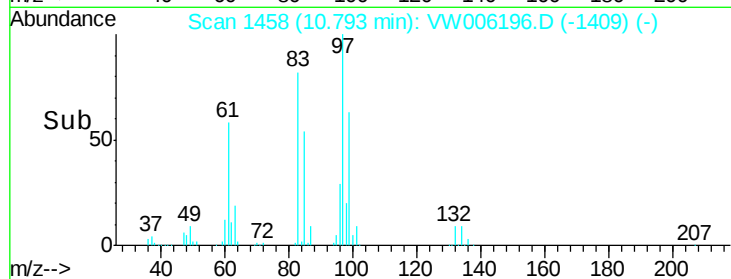
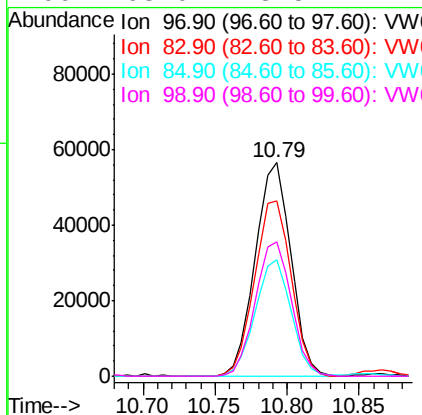
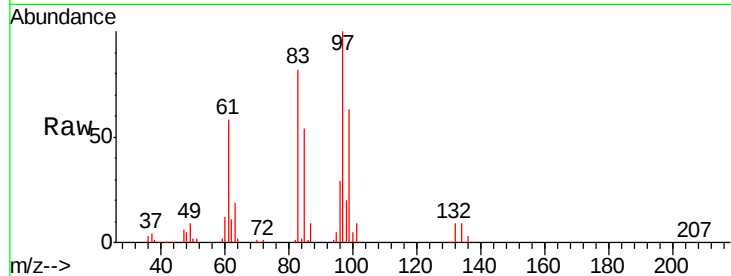
ClientSampleId :

VSTDCCC050

Tgt Ion:	97	Resp:	97097
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.2	100.8
85	54.5	43.7	65.5
99	63.0	48.5	72.7

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#56

Ethyl methacrylate

Concen: 54.04 ug/l

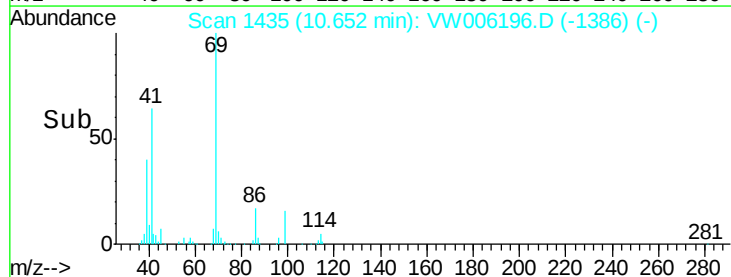
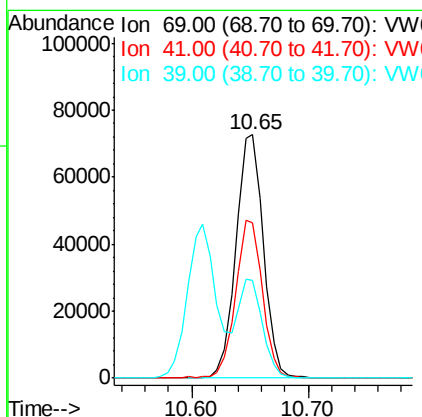
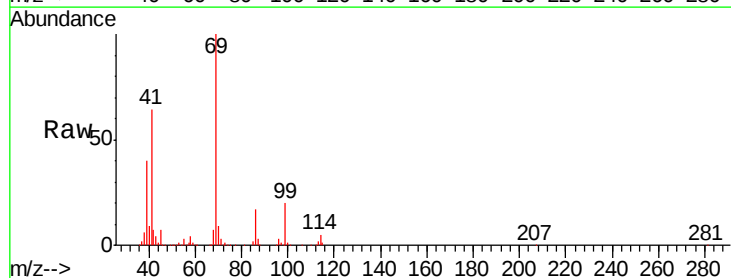
RT: 10.65 min Scan# 1435

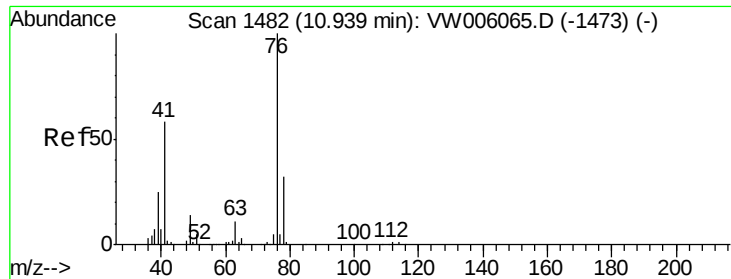
Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion:	69	Resp:	119557
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.8	79.2
39	35.2	30.6	45.8





#57

1,3-Dichloropropane

Concen: 54.16 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 161812

Ion Ratio Lower Upper

76 100

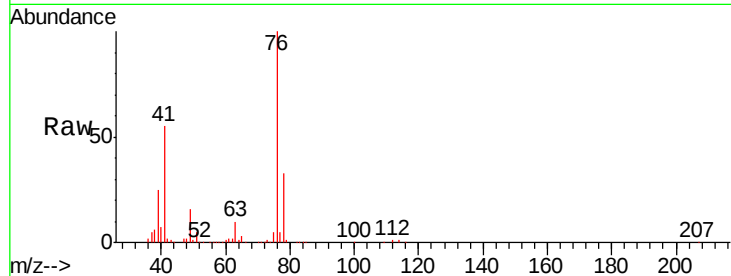
78 32.5 25.9 38.9

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.94

80000

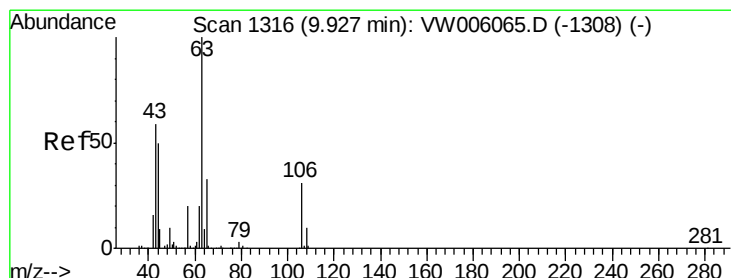
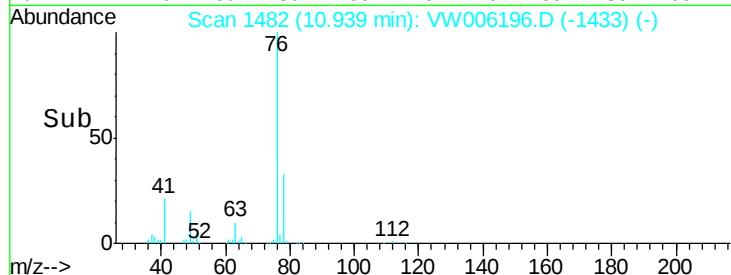
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.30 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006196.D

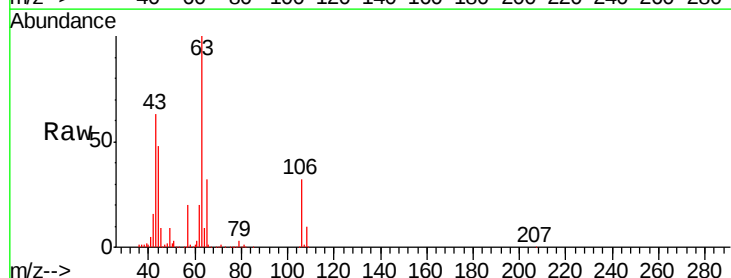
Acq: 19 Oct 2018 01:46

Tgt Ion: 63 Resp: 207384

Ion Ratio Lower Upper

63 100

106 31.9 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

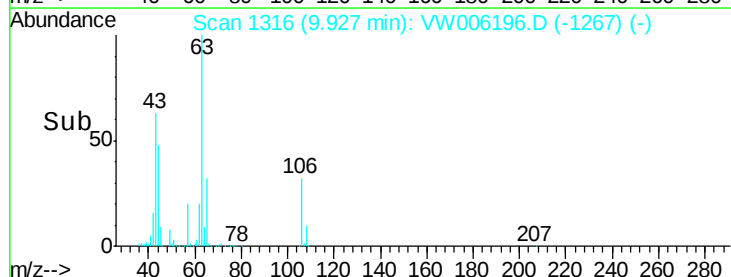
9.93

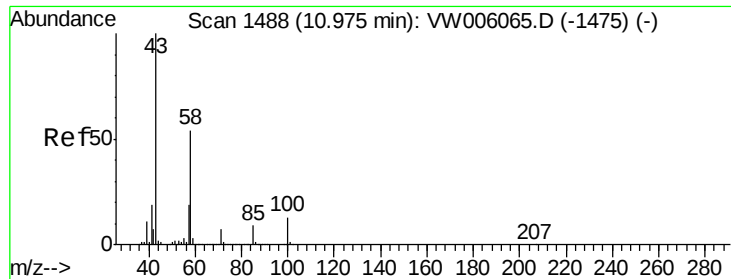
100000

50000

0

Time-->





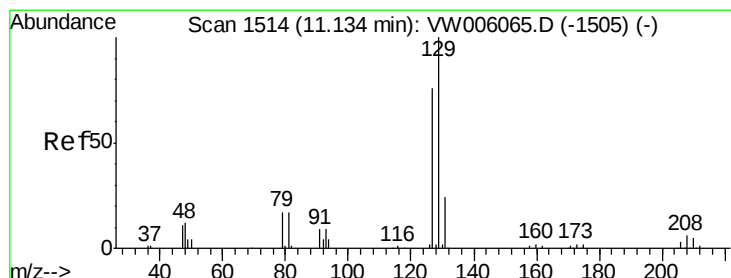
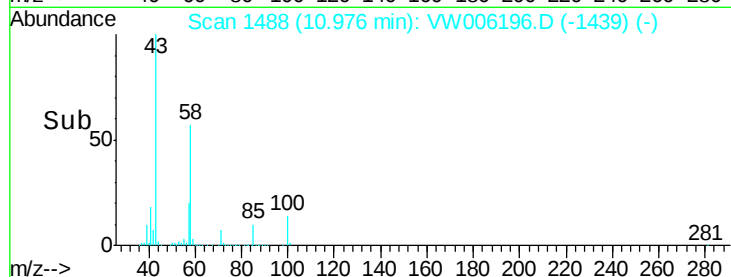
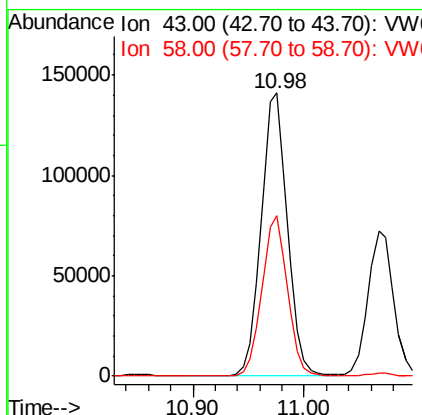
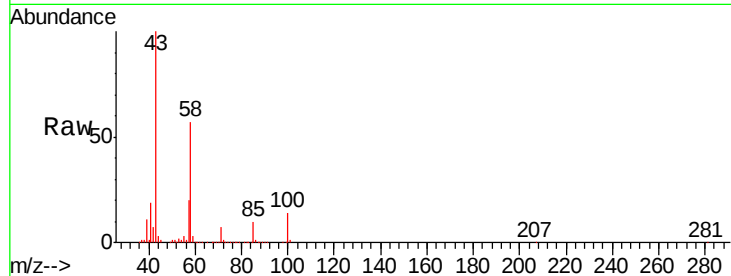
#59
2-Hexanone
Concen: 248.12 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 232399
Ion Ratio Lower Upper
43 100
58 55.1 26.9 80.6

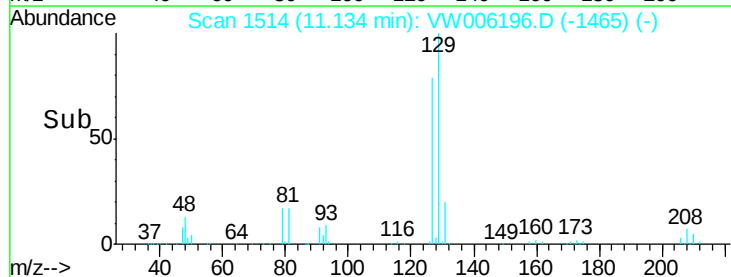
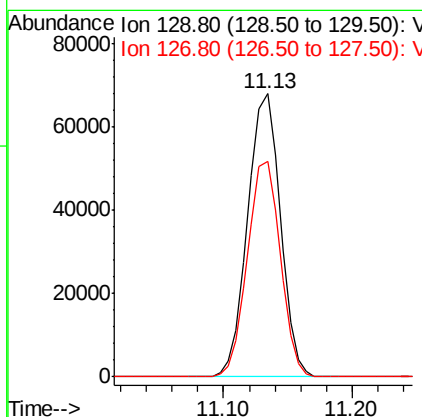
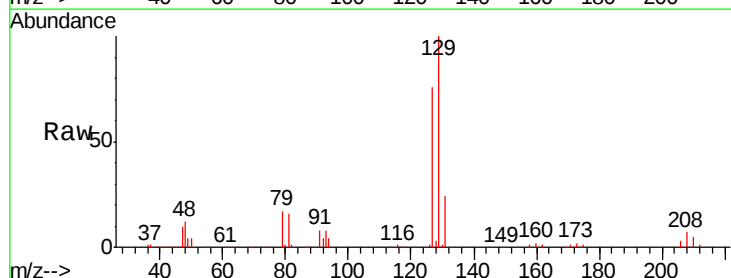
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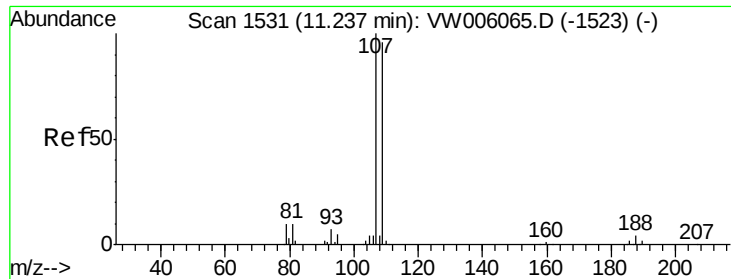
apatel
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#60
Dibromochloromethane
Concen: 53.10 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion: 129 Resp: 119361
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7





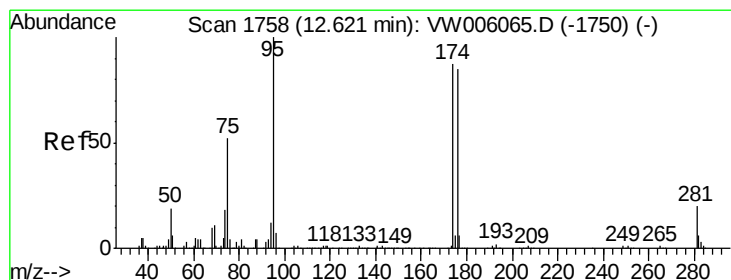
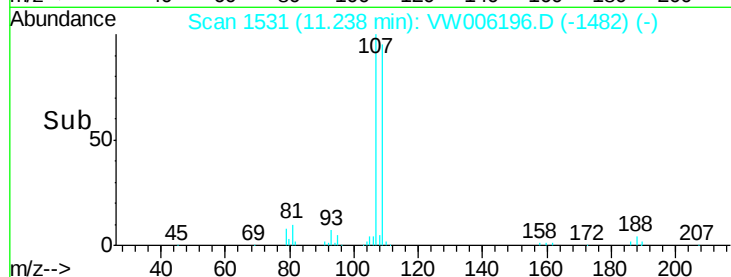
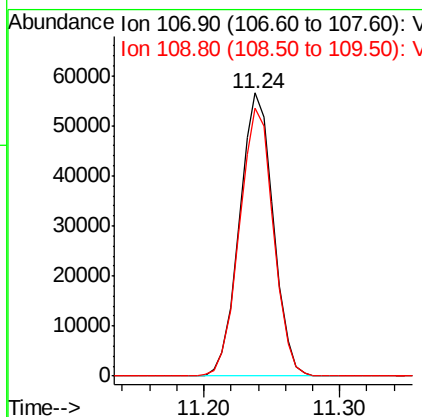
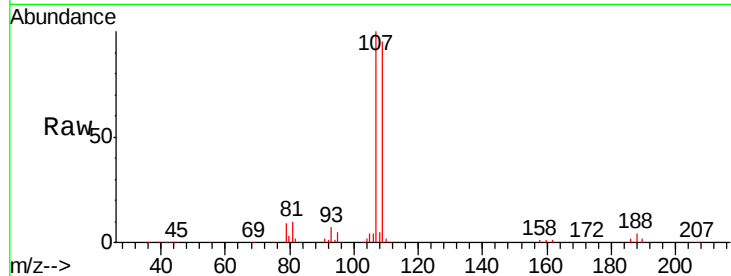
#61
 1,2-Dibromoethane
 Concen: 54.30 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 97916
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.3 114.5

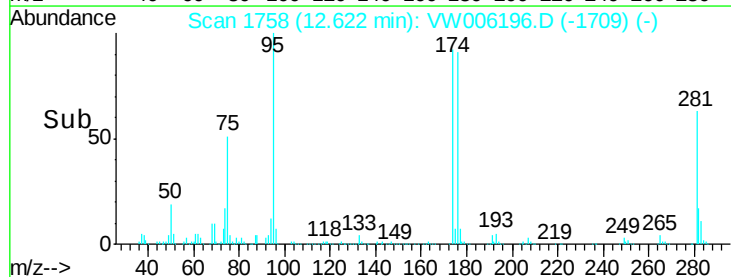
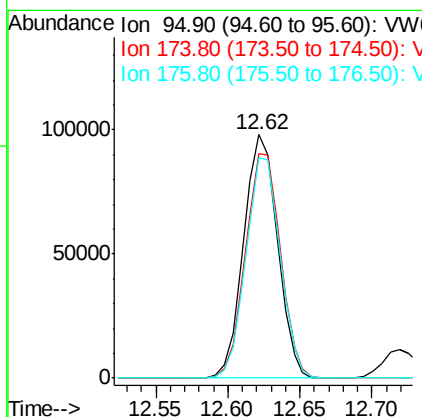
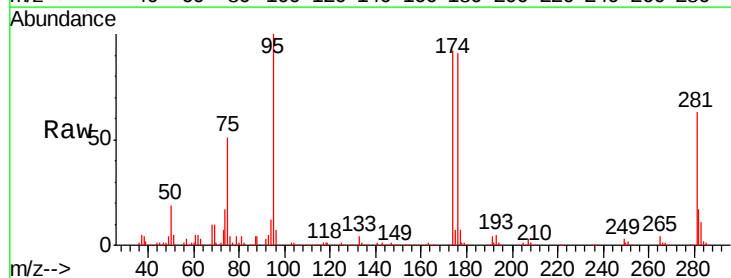
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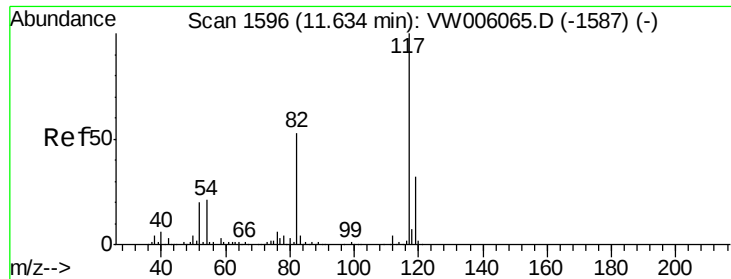
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#62
 4-Bromofluorobenzene
 Concen: 50.40 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion: 95 Resp: 159155
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 186.0
 176 91.8 0.0 181.6





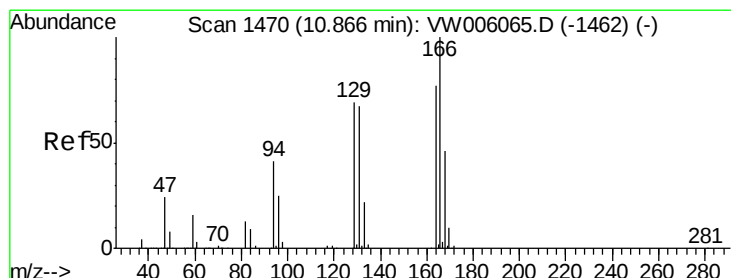
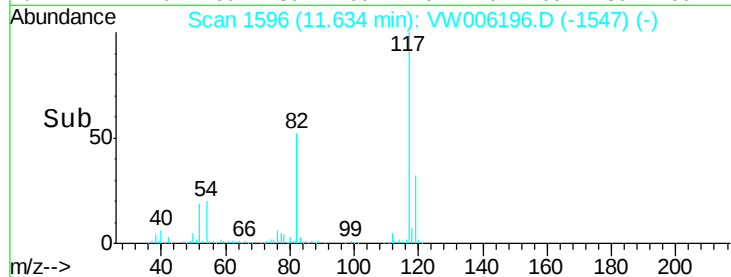
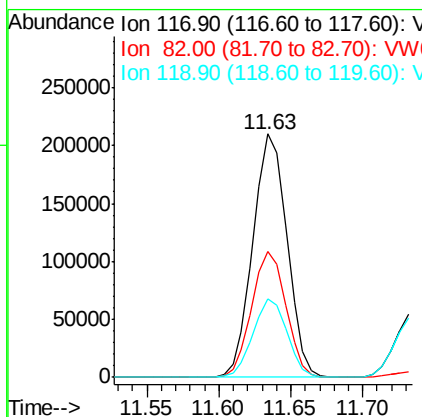
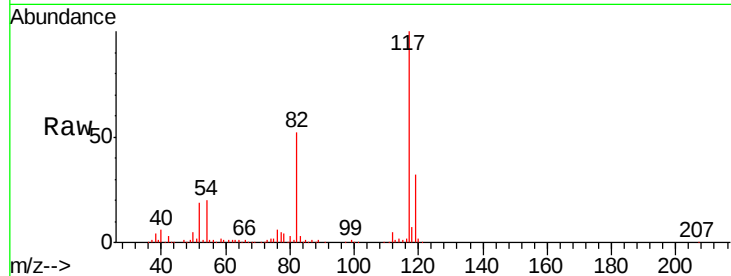
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	345050		
82	51.7	42.1	63.1	
119	32.0	25.8	38.6	

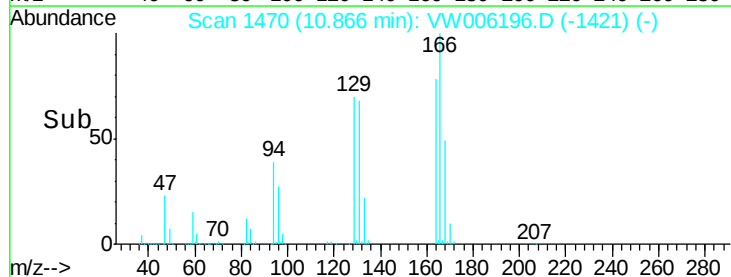
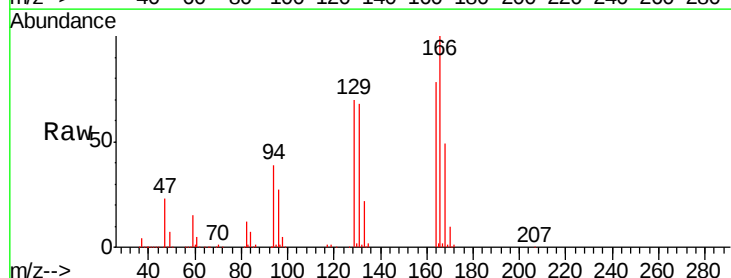
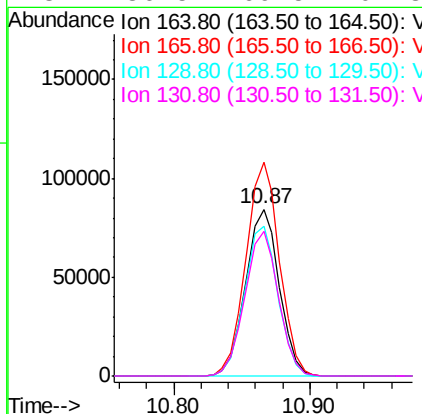
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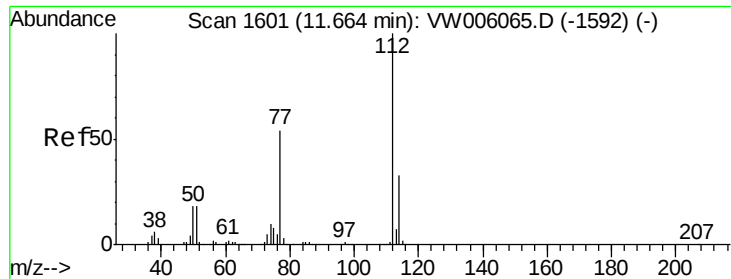
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#64
Tetrachloroethene
Concen: 54.79 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146753		
166	128.0	103.4	155.0	
129	89.5	71.8	107.8	
131	86.5	69.5	104.3	





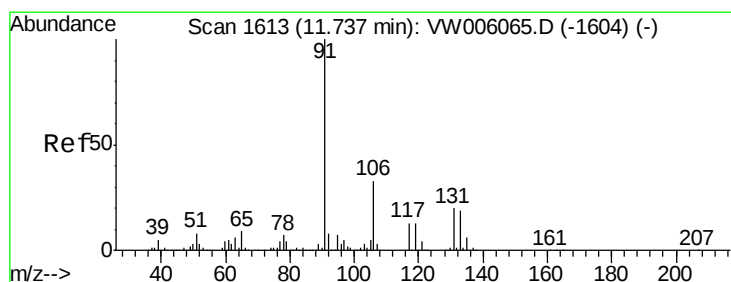
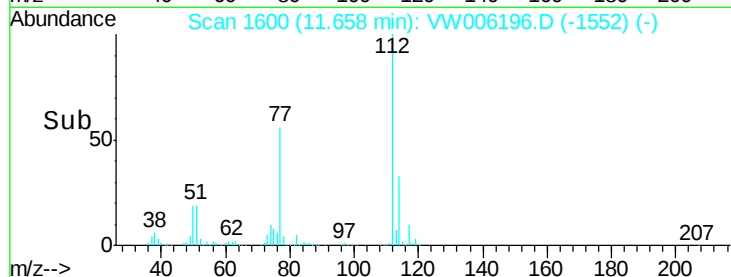
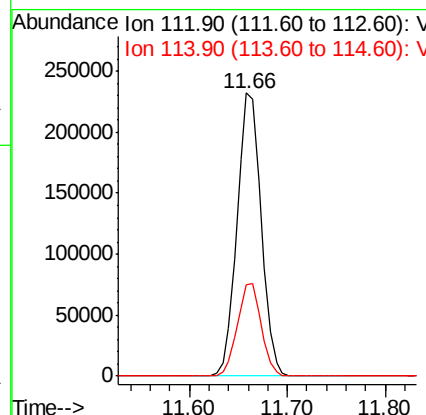
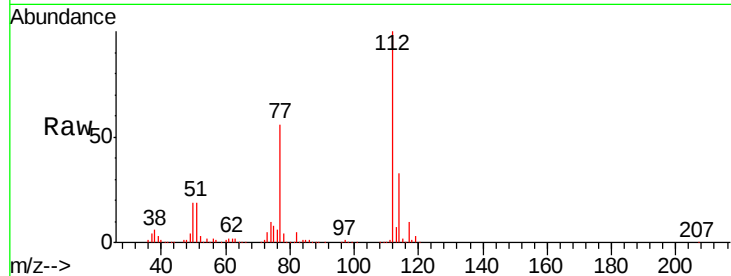
#65
Chlorobenzene
Concen: 53.65 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 396283
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

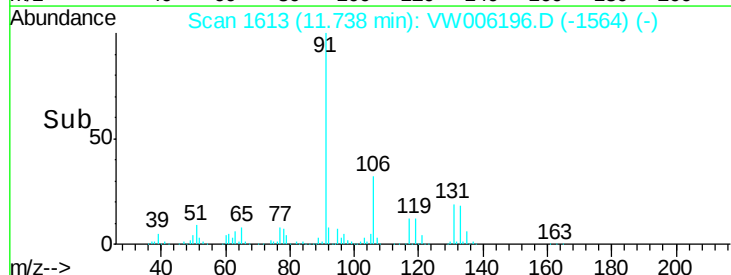
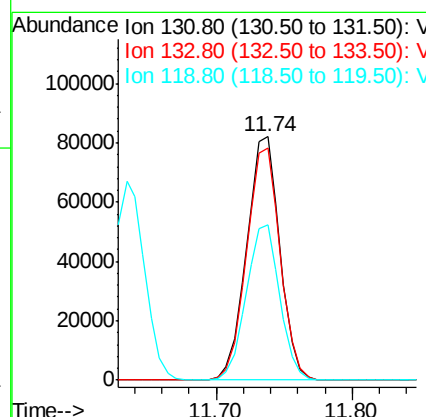
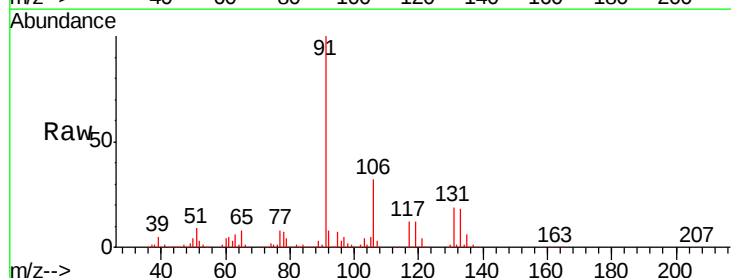
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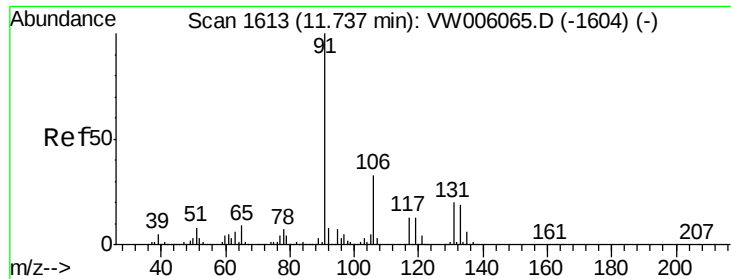
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.35 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion:131 Resp: 140040
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 64.4 31.6 94.7





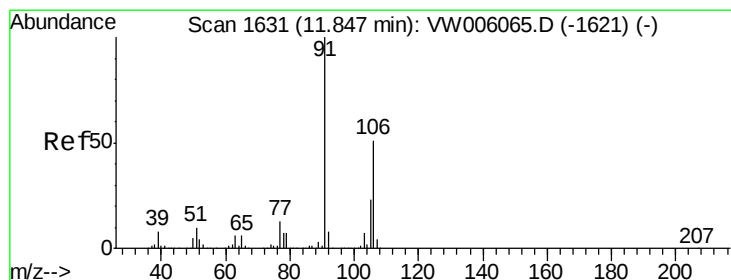
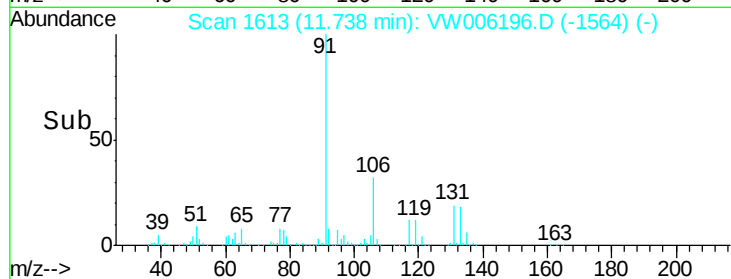
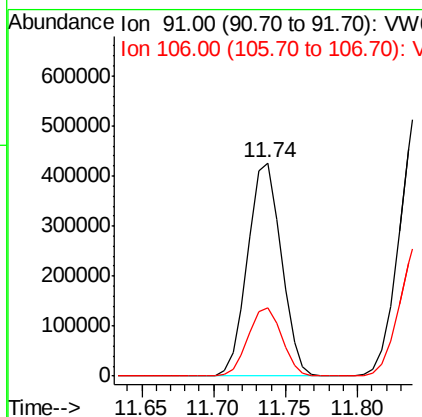
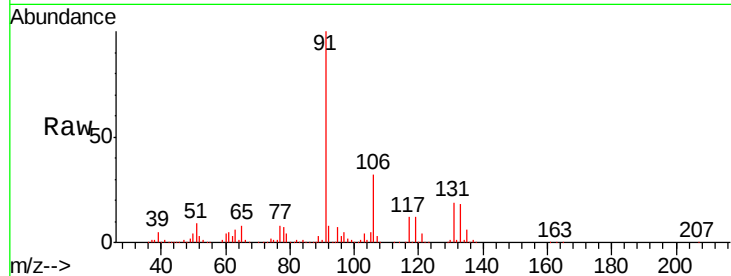
#67
Ethyl Benzene
Concen: 53.90 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 689938
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1

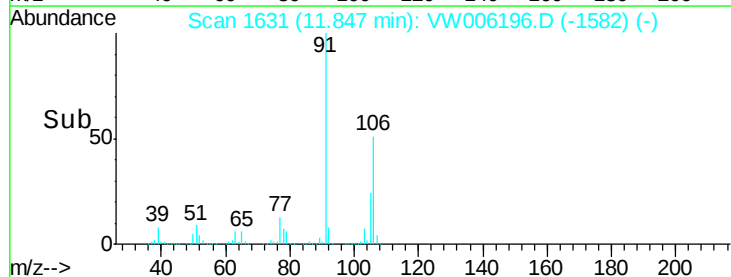
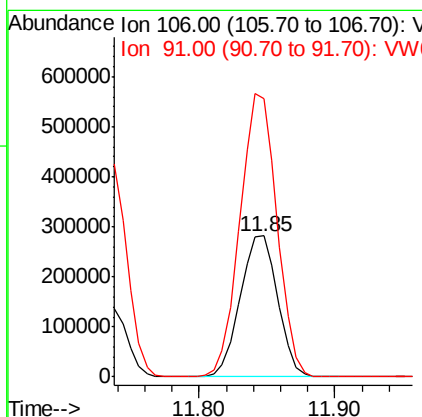
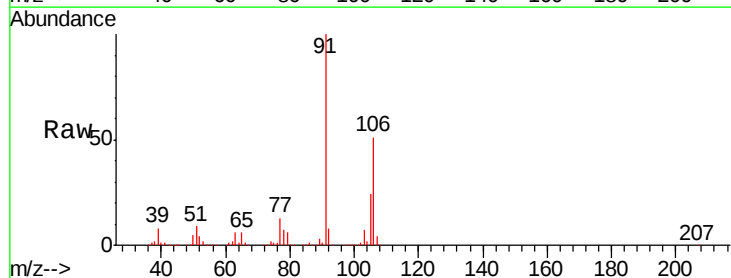
Manual Integrations
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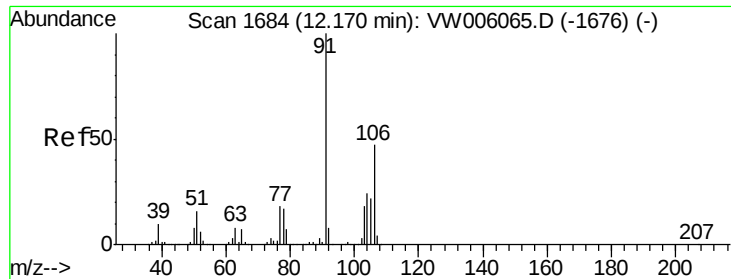
apatel
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#68
m/p-Xylenes
Concen: 107.46 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion: 106 Resp: 543718
Ion Ratio Lower Upper
106 100
91 197.7 159.1 238.7





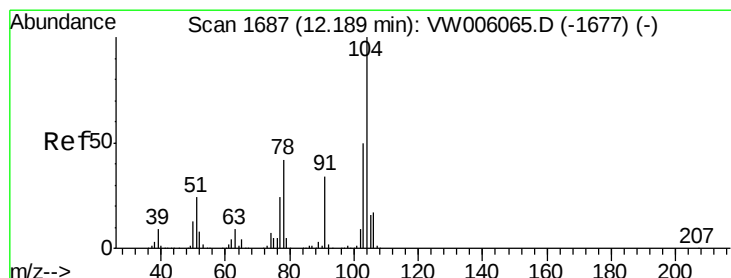
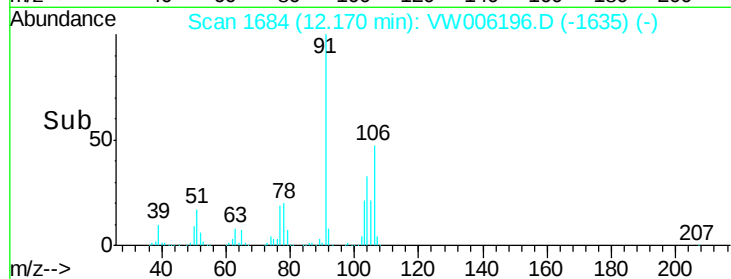
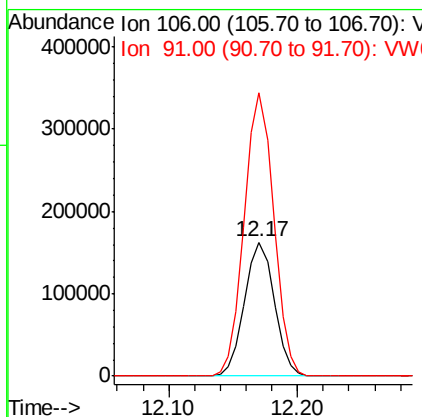
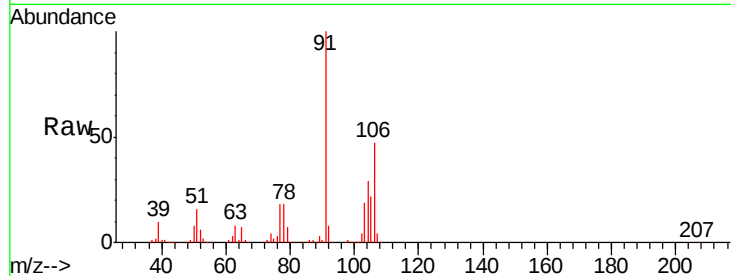
#69
o-Xylene
Concen: 53.80 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.9	105.4	316.1

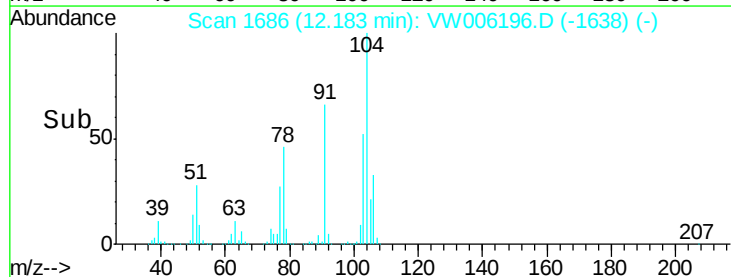
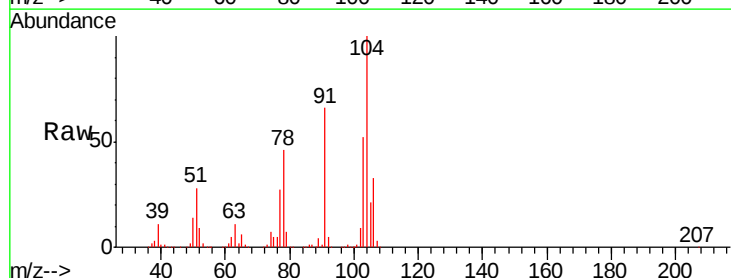
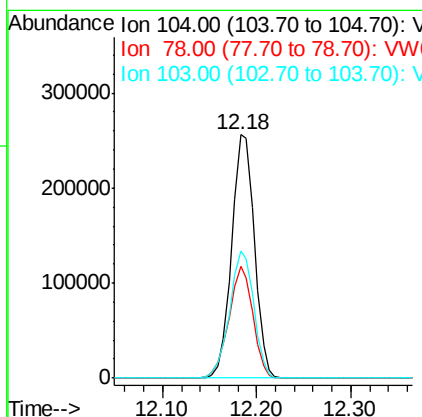
Manual Integrations
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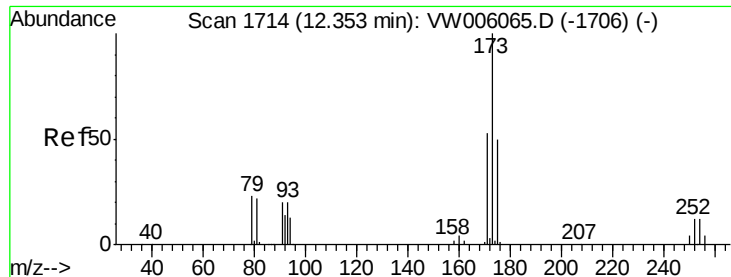
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#70
Styrene
Concen: 54.68 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.1	58.7
103	55.4	44.3	66.5





#71

Bromoform

Concen: 50.57 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

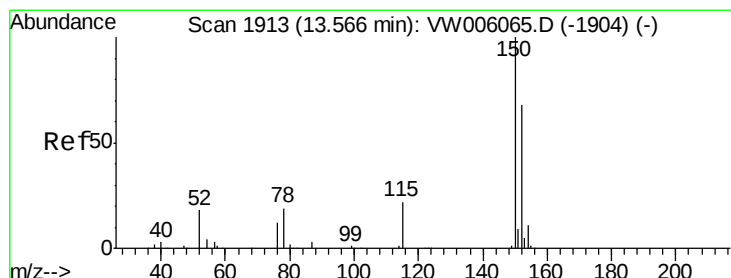
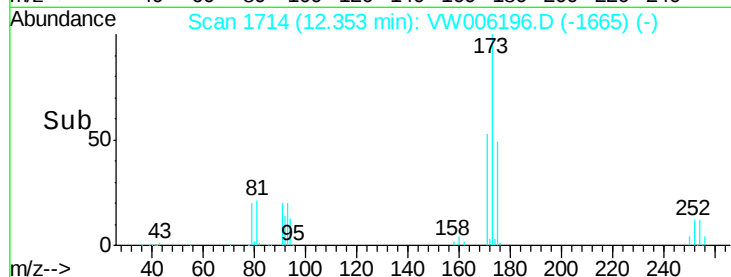
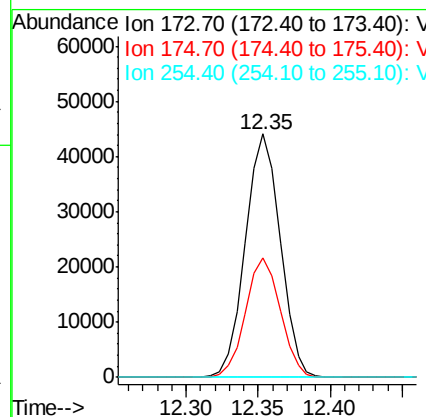
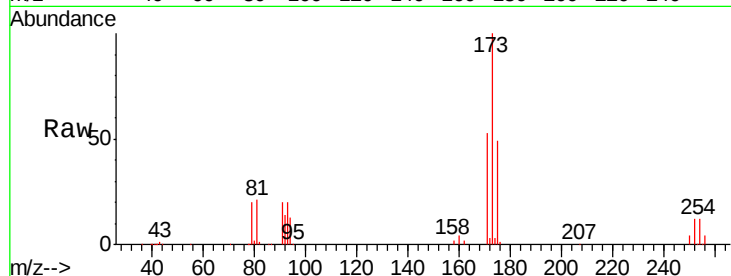
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.2	72.6
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

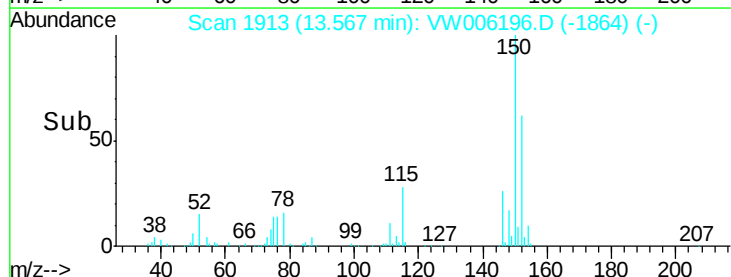
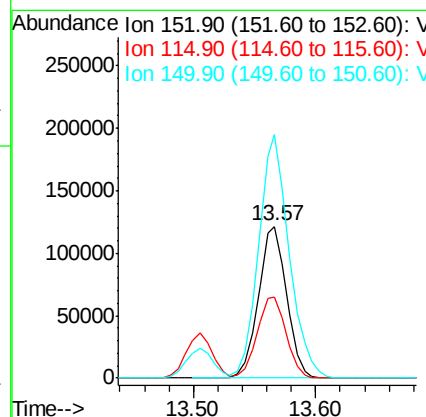
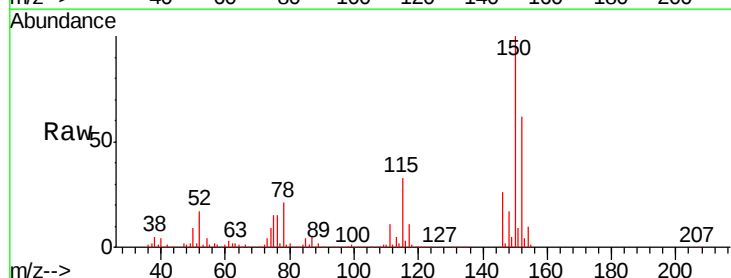
RT: 13.57 min Scan# 1913

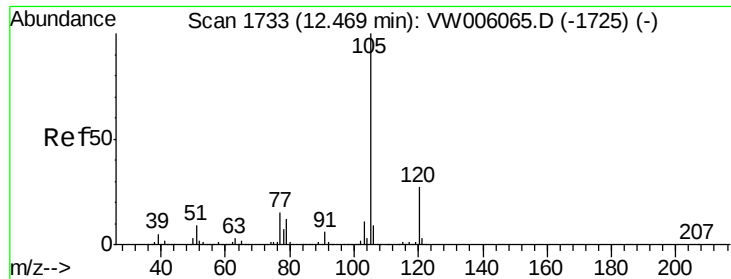
Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.8	83.3
150	174.0	0.0	349.2





#73

Isopropylbenzene

Concen: 52.78 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 725982

Ion Ratio Lower Upper

105 100

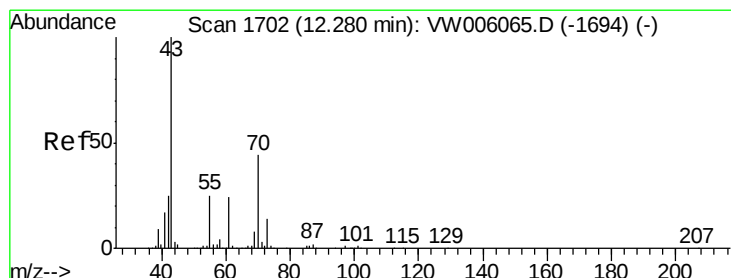
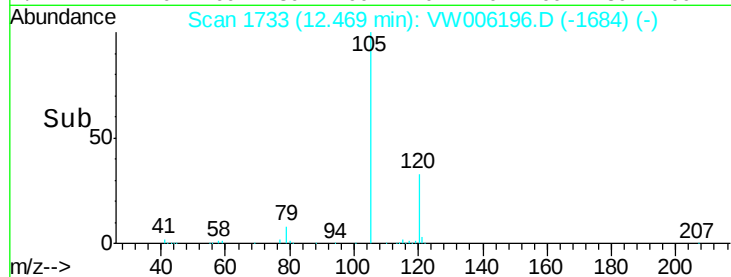
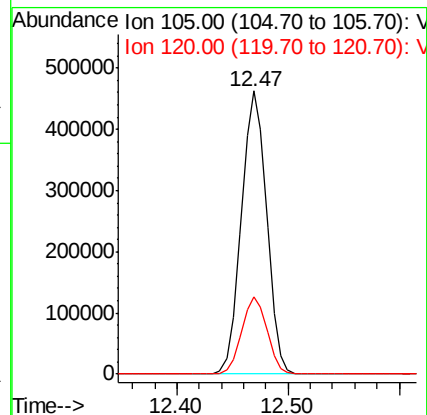
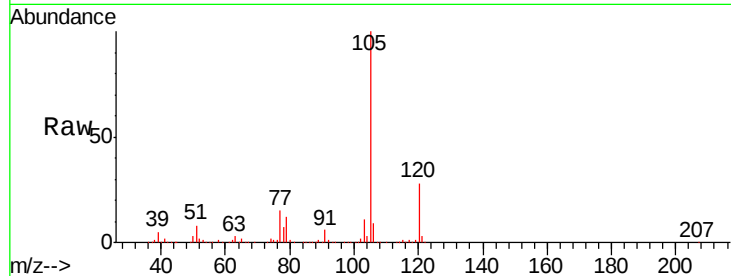
120 27.3 13.6 40.7

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#74

N-ethyl acetate

Concen: 50.77 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion: 43 Resp: 135650

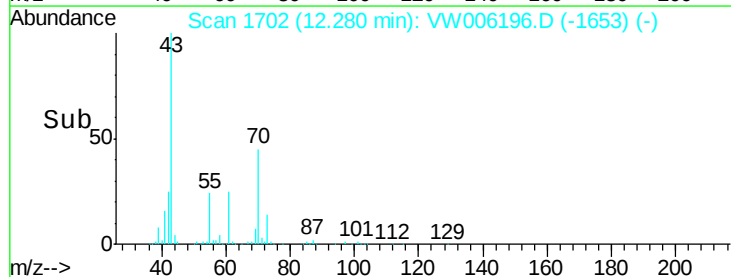
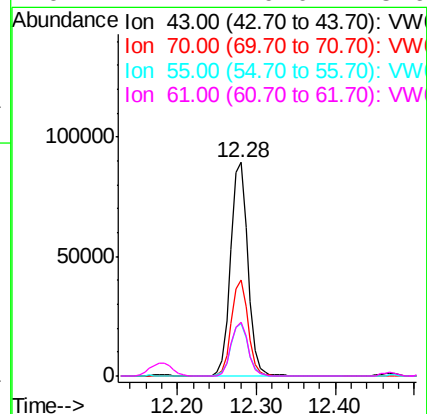
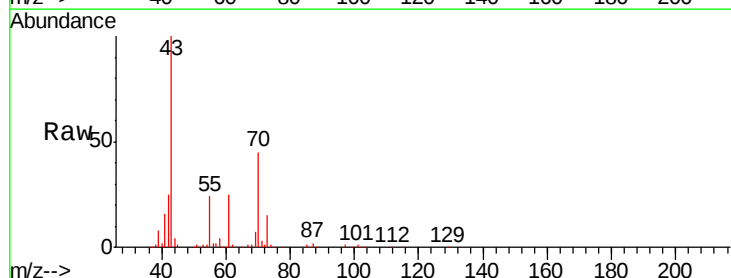
Ion Ratio Lower Upper

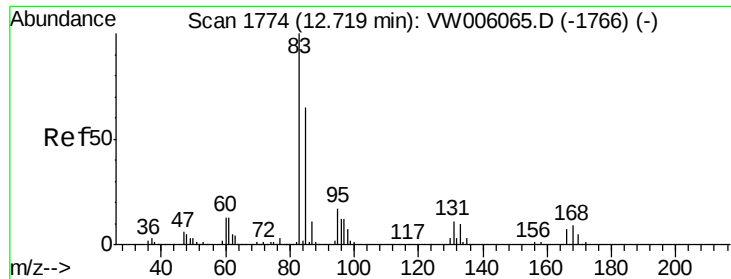
43 100

70 44.0 34.2 51.4

55 24.6 19.2 28.8

61 24.7 19.0 28.6





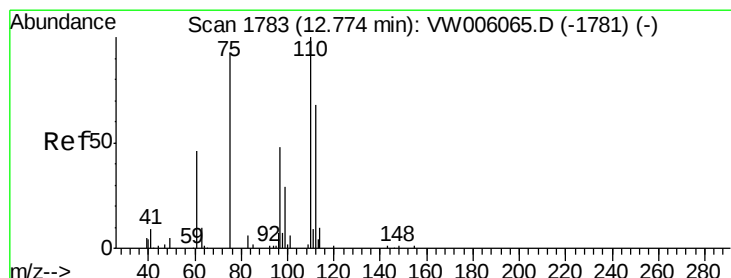
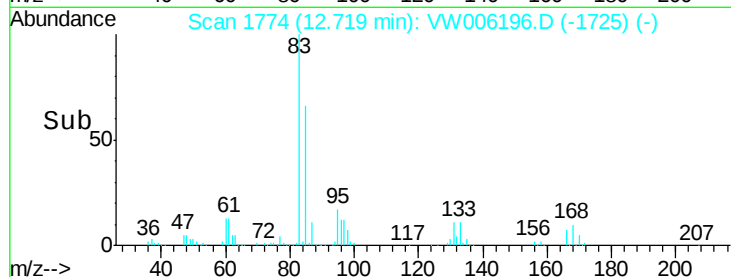
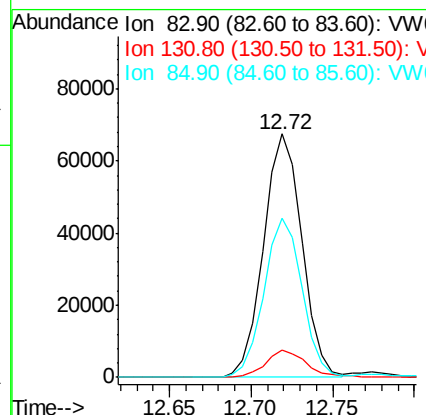
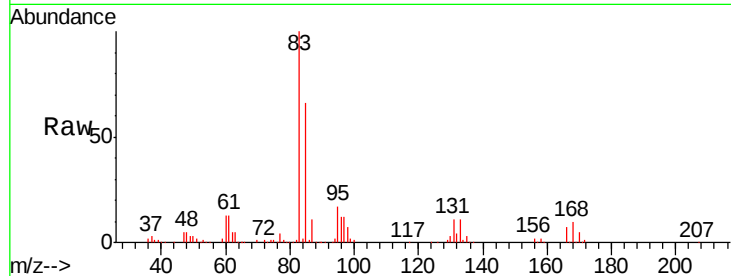
#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.91 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.9	5.9	17.7
85	65.2	31.9	95.9

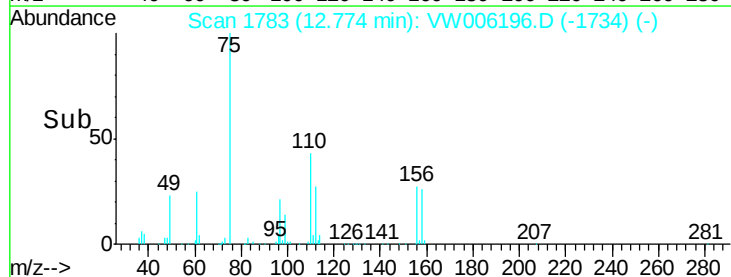
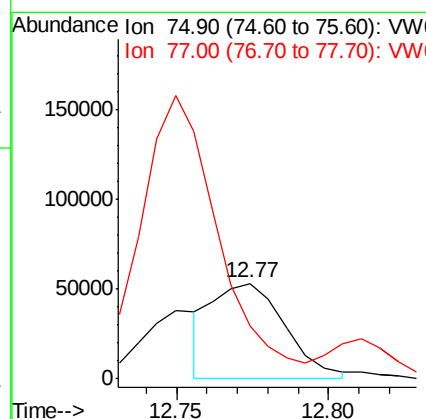
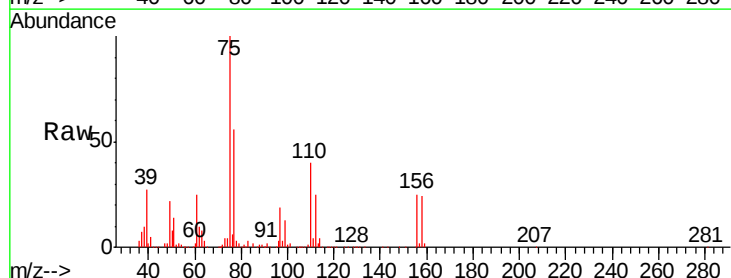
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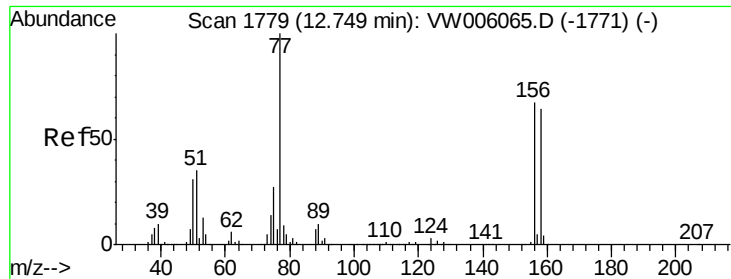
apatel
 10/19/2018 12:54:13 PM



#76
 1,2,3-Trichloropropane
 Concen: 59.43 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.97 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

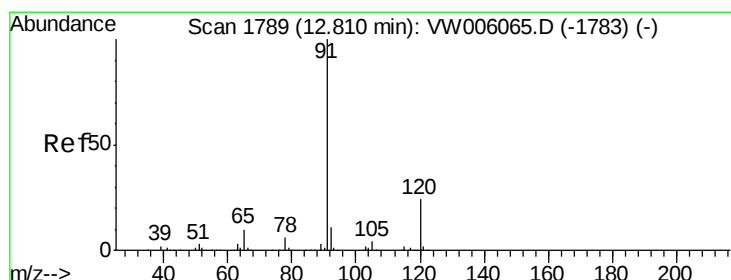
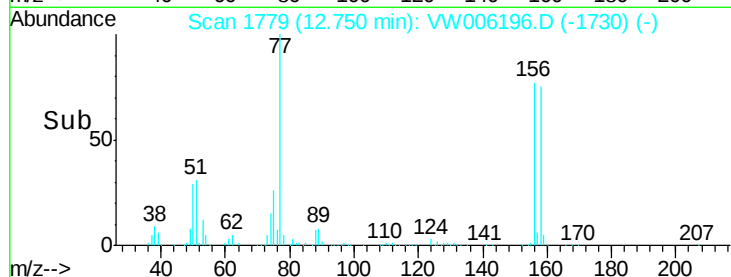
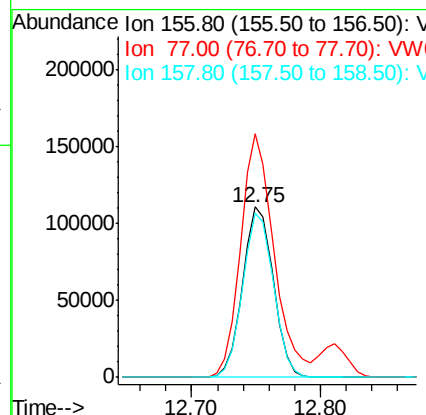
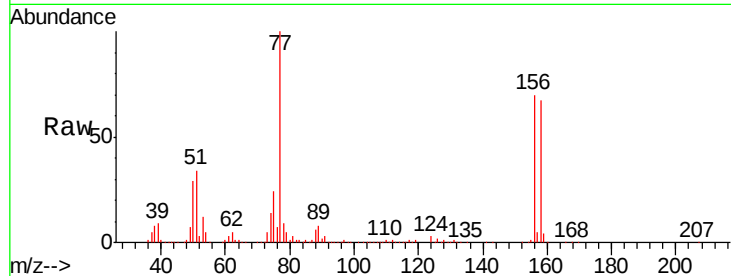
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	156.0	79.1	237.4
158	97.0	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 52.83 ug/l

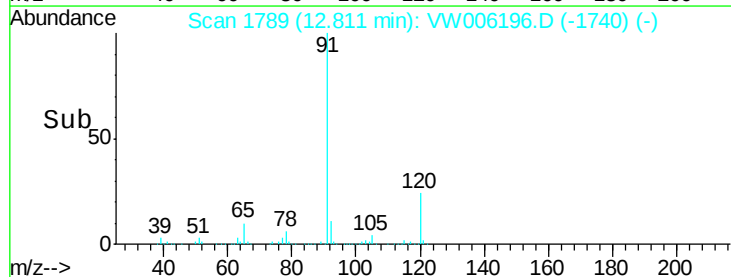
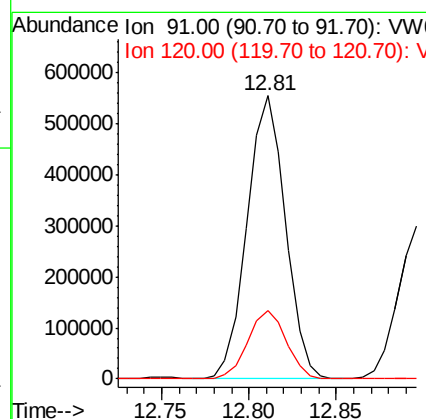
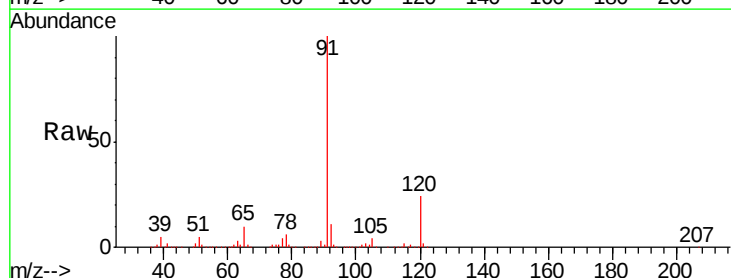
RT: 12.81 min Scan# 1789

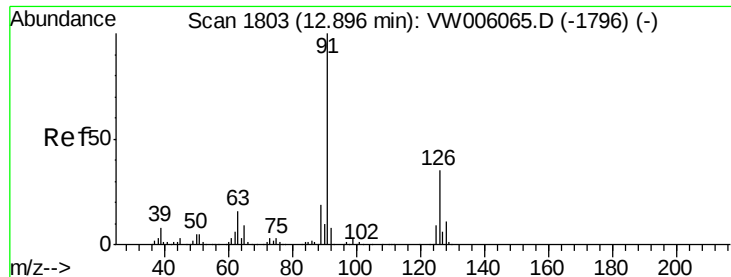
Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.2	36.6





#79

2-Chlorotoluene

Concen: 53.36 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006196.D

Acq: 19 Oct 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 479763

Ion Ratio Lower Upper

91 100

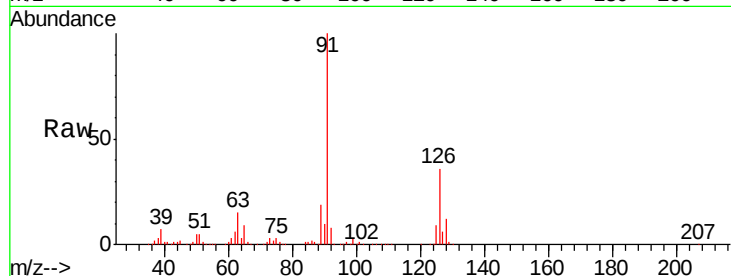
126 36.2 17.9 53.8

Manual Integrations

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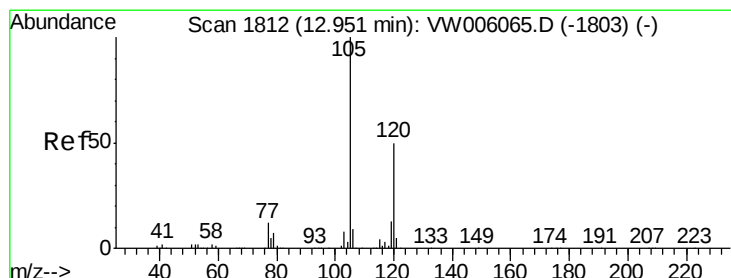
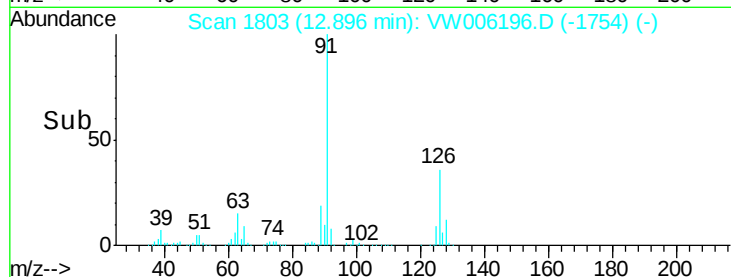
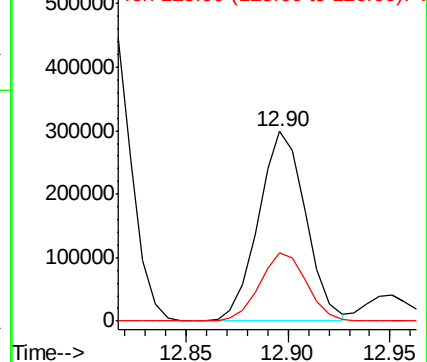
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.10 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006196.D

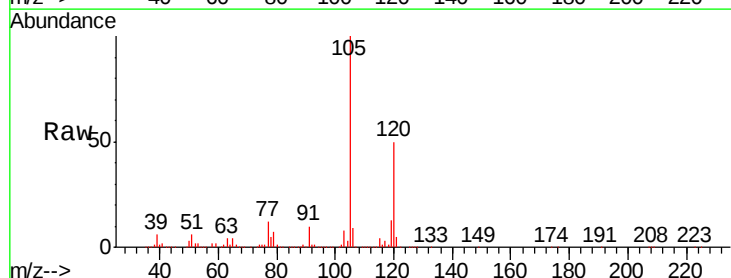
Acq: 19 Oct 2018 01:46

Tgt Ion: 105 Resp: 615730

Ion Ratio Lower Upper

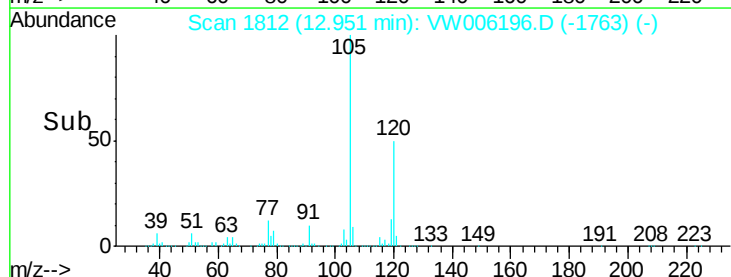
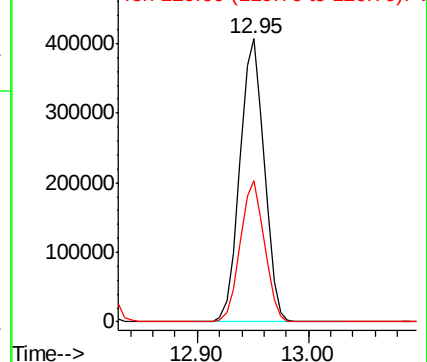
105 100

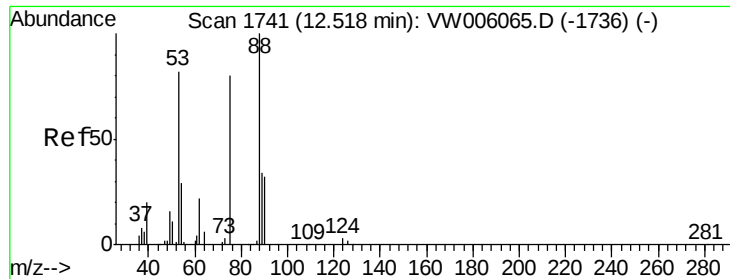
120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





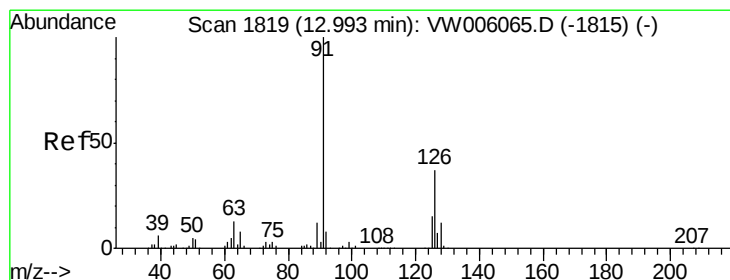
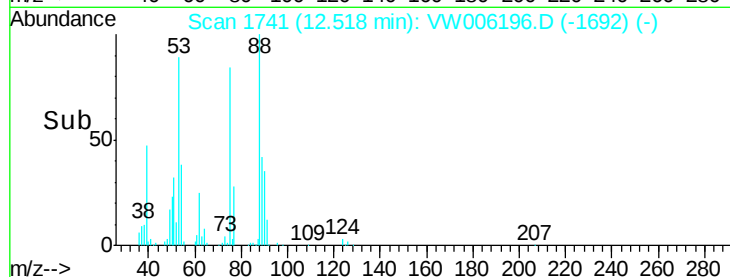
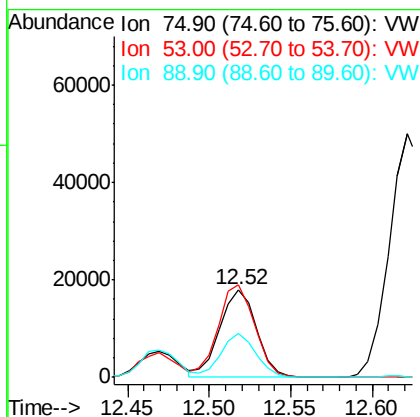
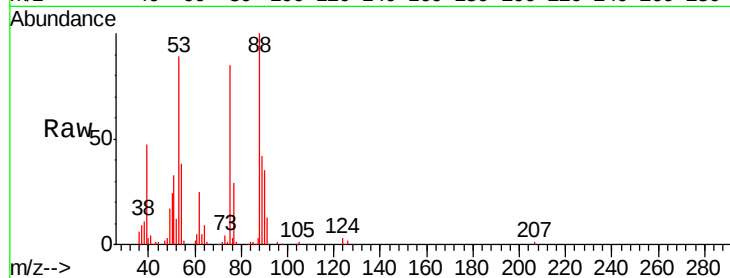
#81
trans-1,4-Dichloro-2-butene
Concen: 45.12 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.7	79.8	119.6
89	47.1	37.5	56.3

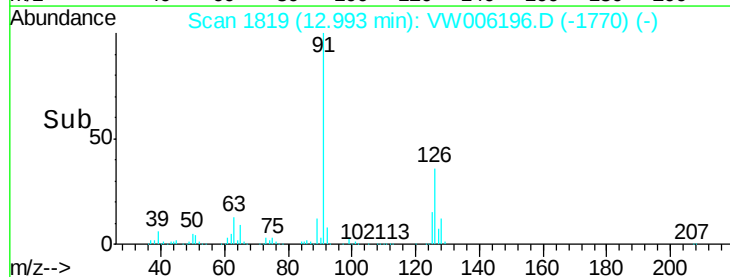
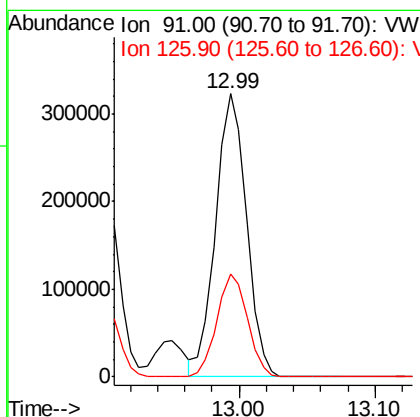
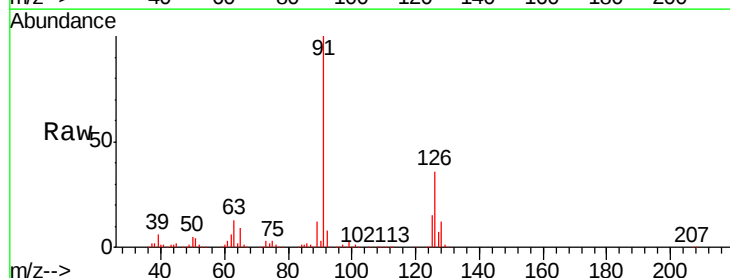
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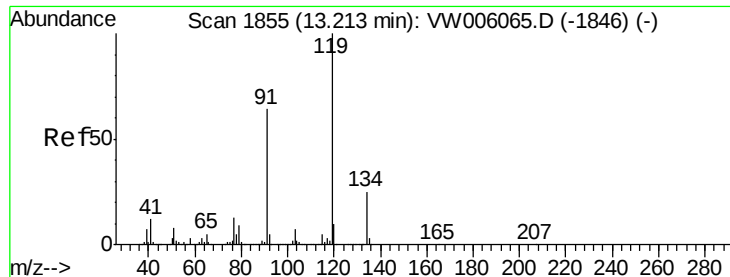
apatel
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#82
4-Chlorotoluene
Concen: 53.85 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	18.1	54.3





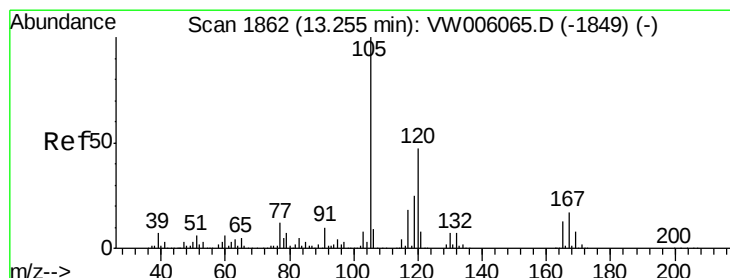
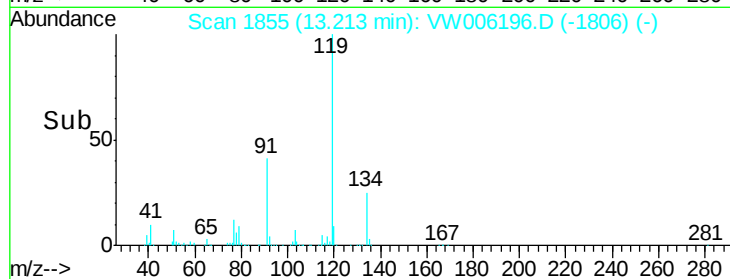
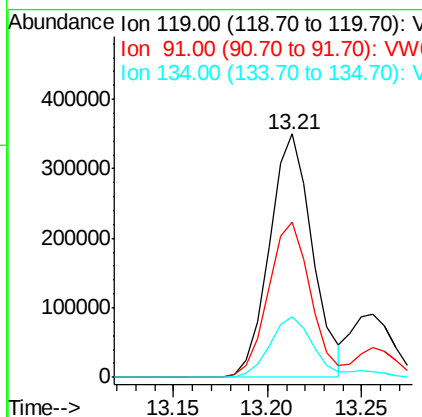
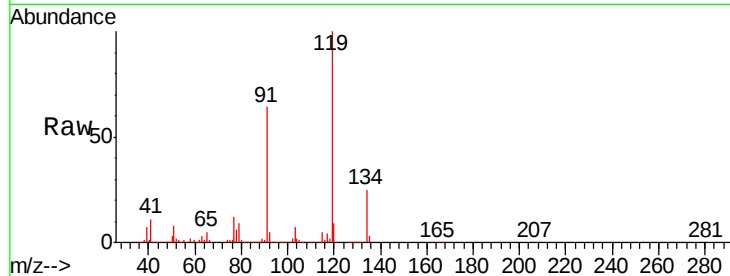
#83
 tert-Butylbenzene
 Concen: 53.20 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.8	32.3	96.9
134	25.1	13.6	40.8

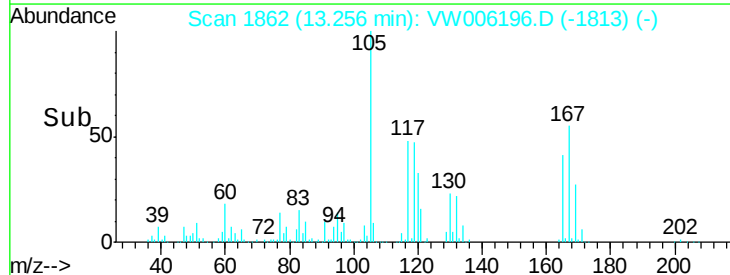
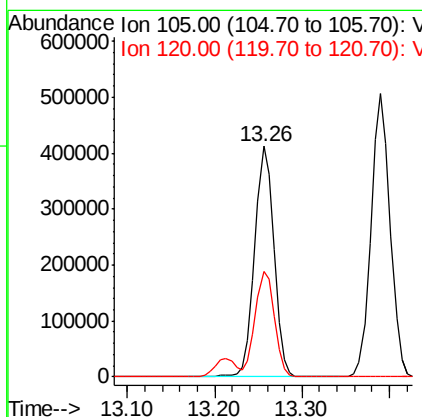
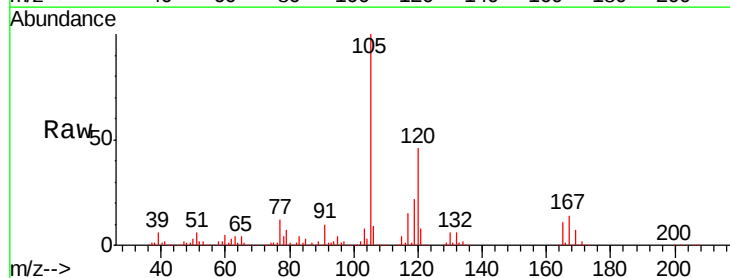
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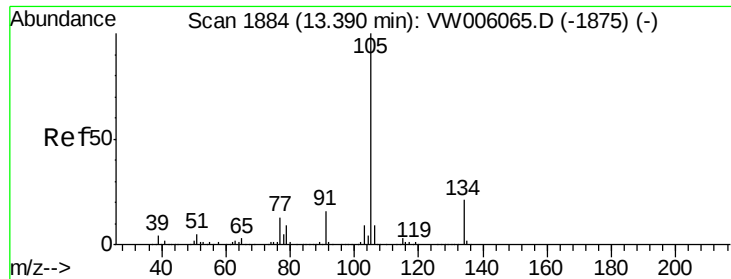
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.79 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.3





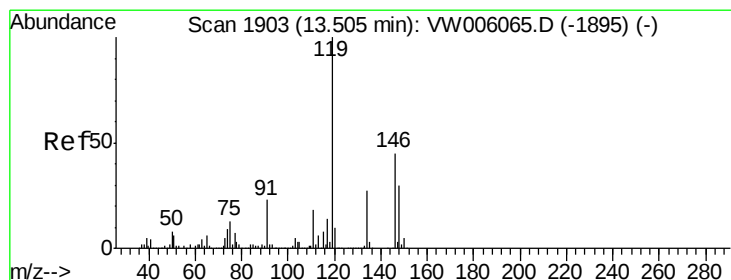
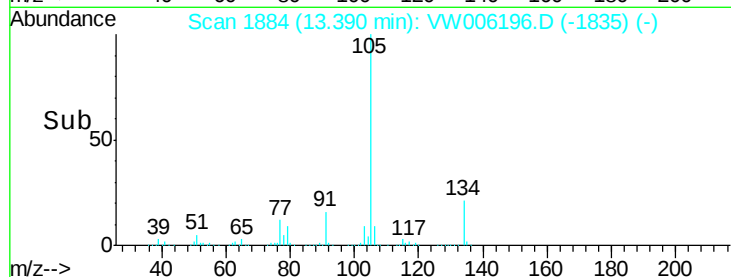
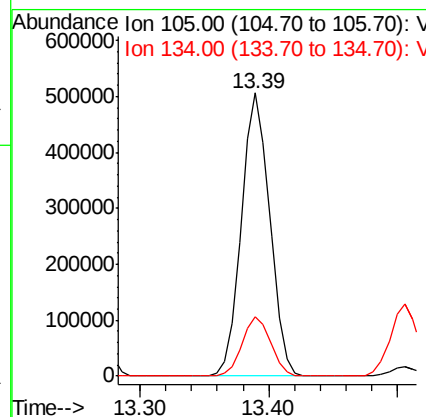
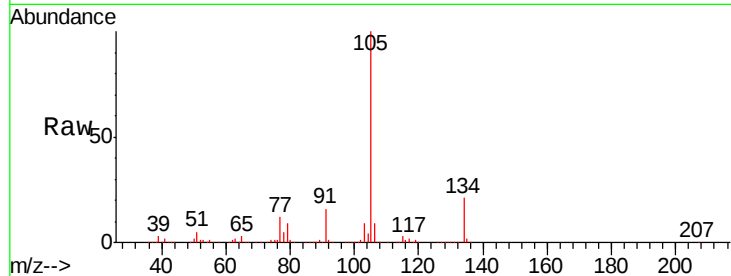
#85
 sec-Butylbenzene
 Concen: 52.64 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 771495
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.6

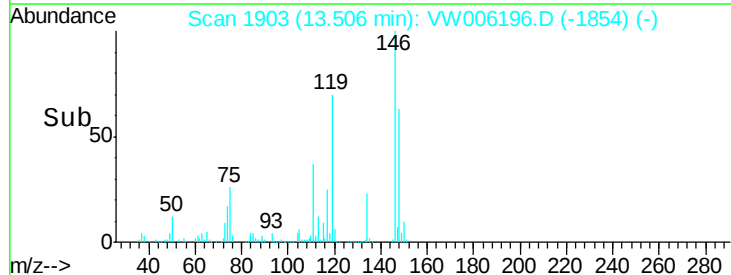
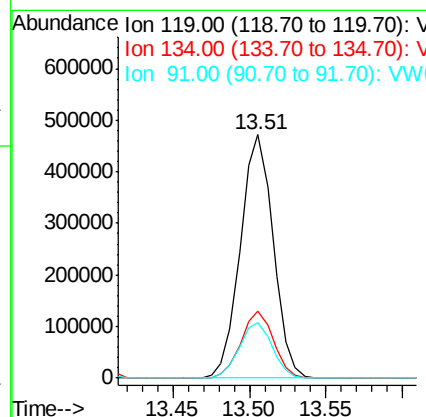
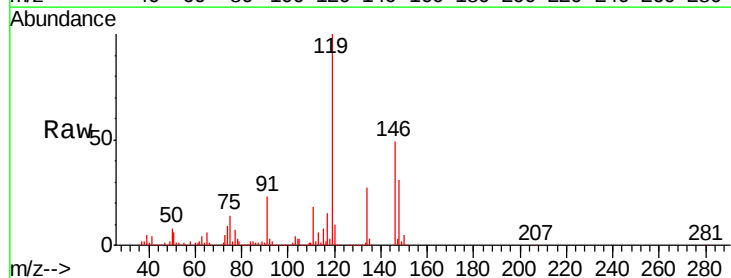
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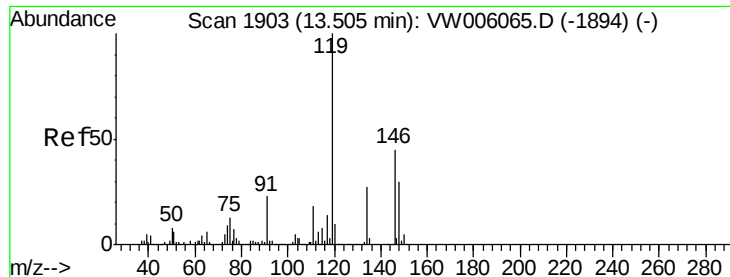
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#86
 p-Isopropyltoluene
 Concen: 52.93 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion:119 Resp: 701672
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 22.8 11.4 34.1





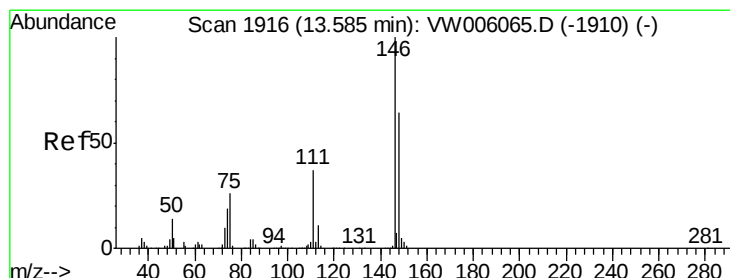
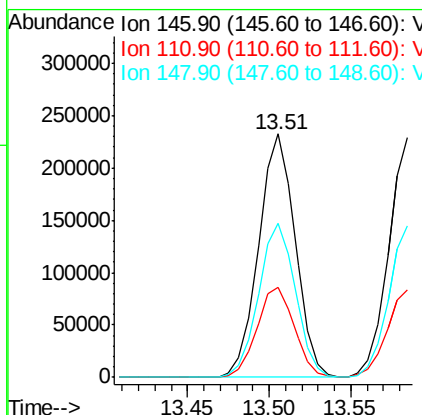
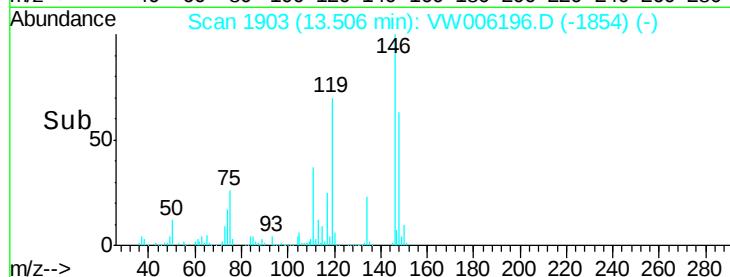
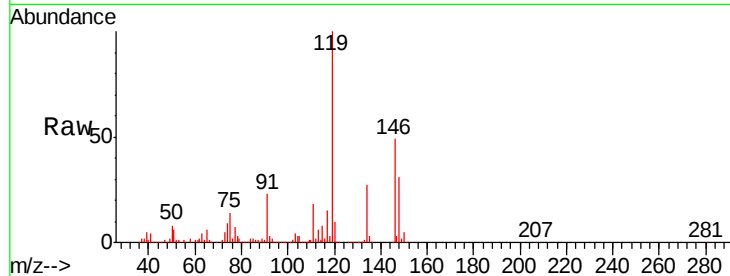
#87
 1,3-Dichlorobenzene
 Concen: 54.01 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	362150		
111	37.9	19.1	57.5	
148	63.8	32.0	96.2	

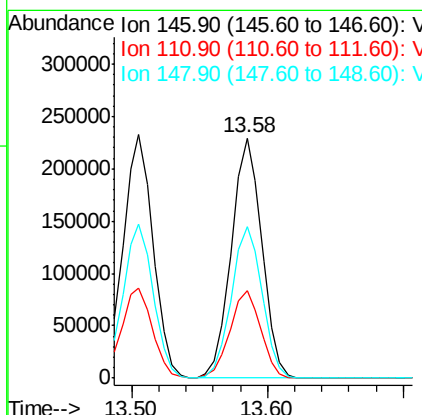
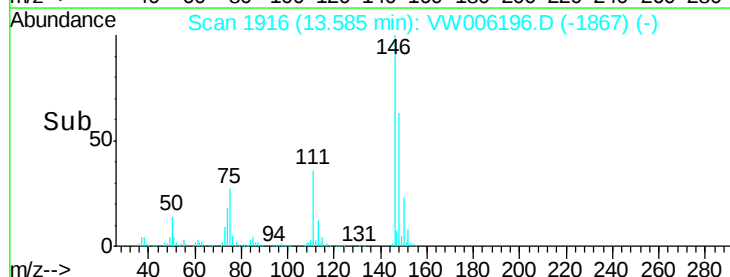
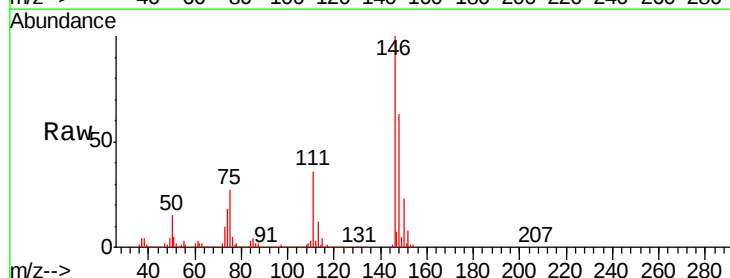
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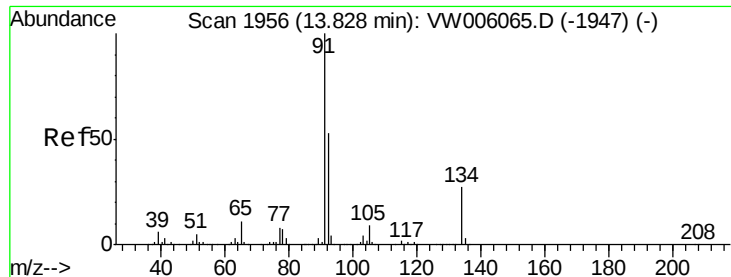
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#88
 1,4-Dichlorobenzene
 Concen: 53.47 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	356975		
111	36.9	18.6	56.0	
148	63.7	32.1	96.5	





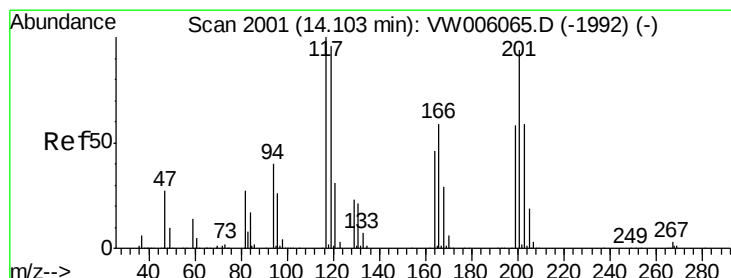
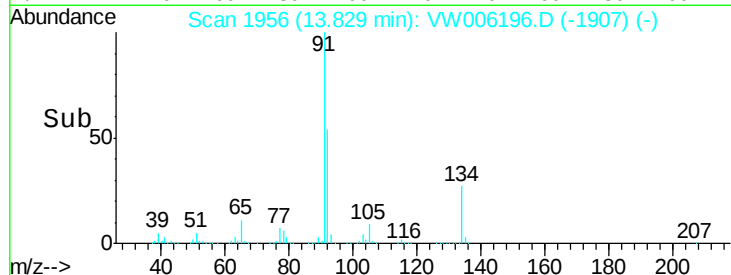
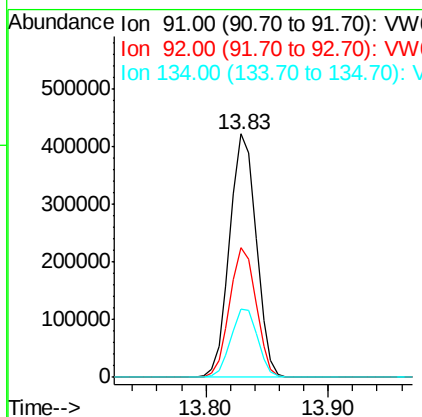
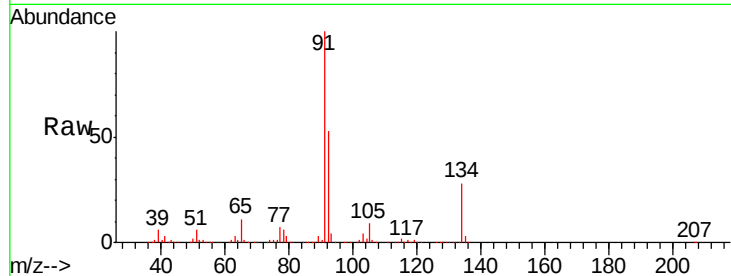
#89
n-Butylbenzene
Concen: 52.22 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 633173
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 28.4 14.0 41.9

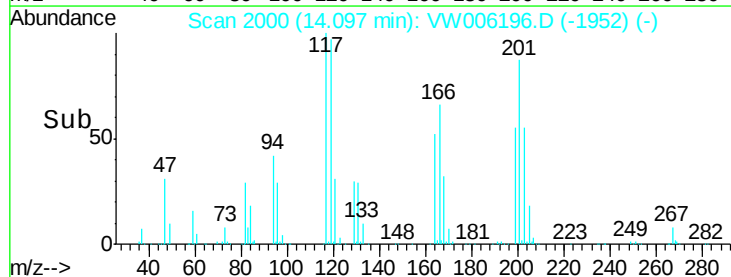
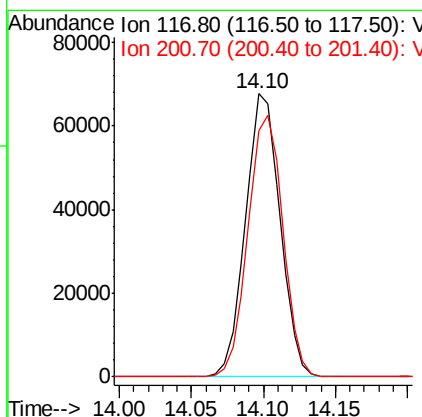
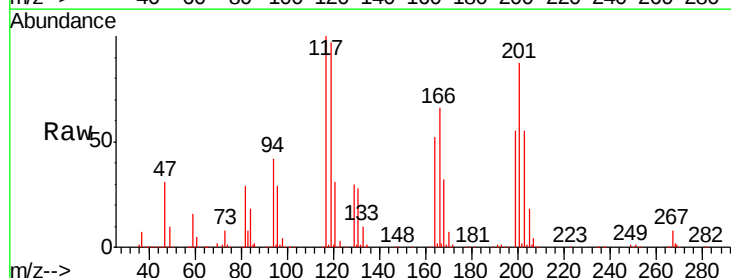
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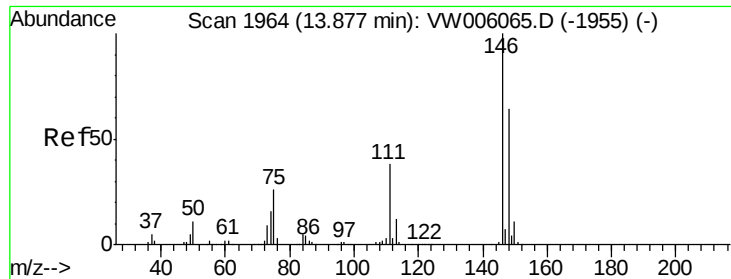
apatel
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#90
Hexachloroethane
Concen: 50.05 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion: 117 Resp: 112382
Ion Ratio Lower Upper
117 100
201 93.2 45.3 135.9





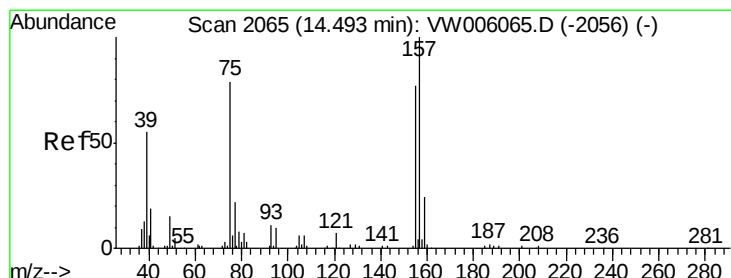
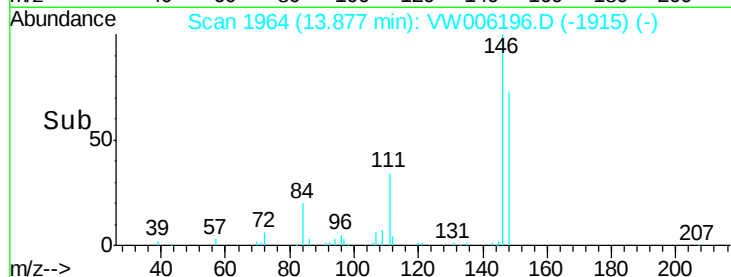
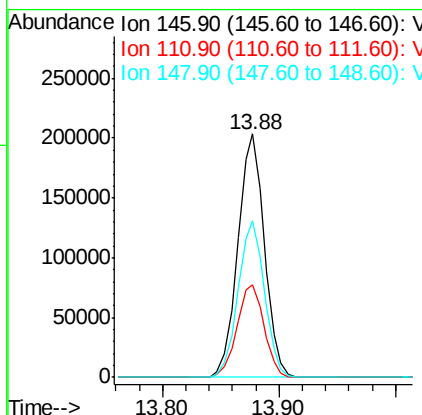
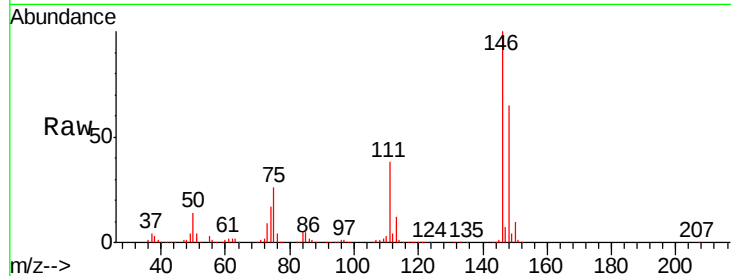
#91
 1,2-Dichlorobenzene
 Concen: 53.84 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	64.1	32.2	96.6

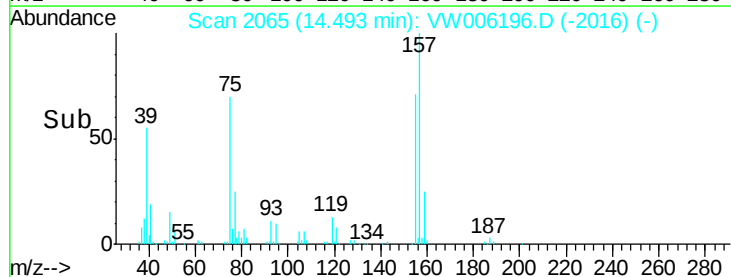
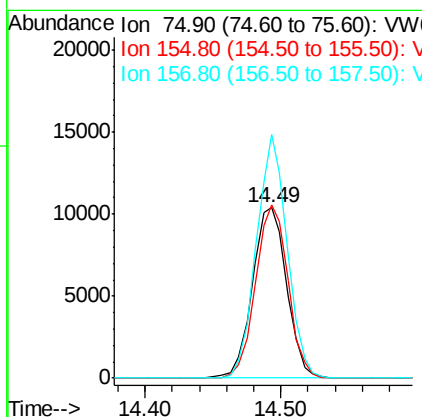
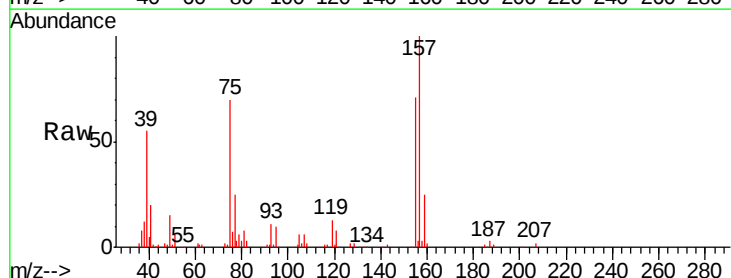
Manual Integrations
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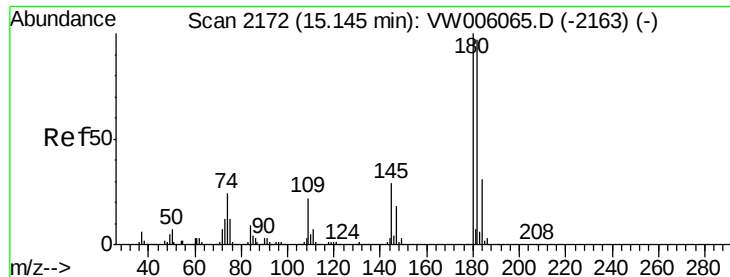
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.09 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	46.5	139.5
157	127.8	59.8	179.4





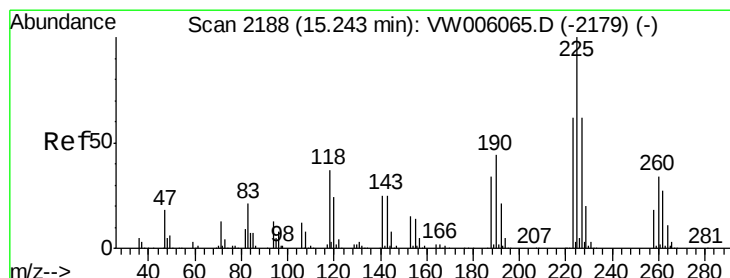
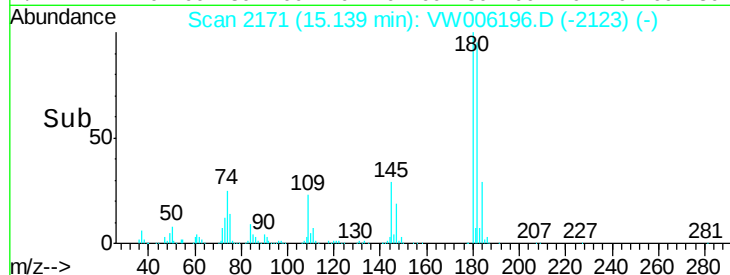
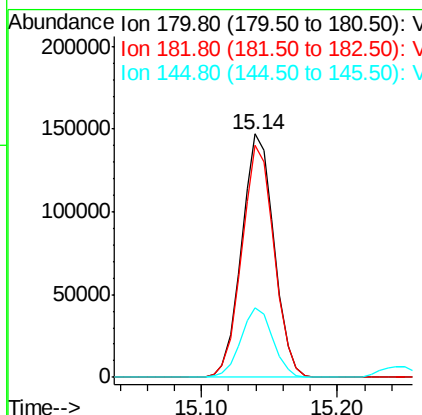
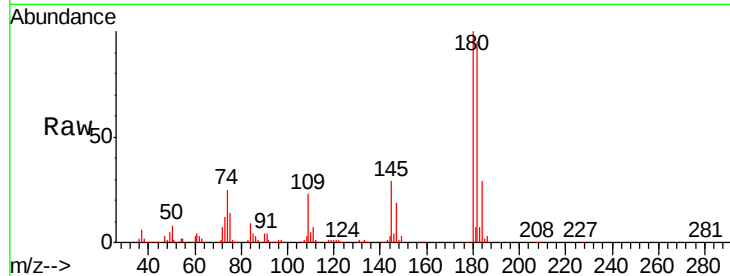
#93
 1,2,4-Trichlorobenzene
 Concen: 52.99 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	243841		
182	94.9	47.9	143.6	
145	28.4	14.2	42.8	

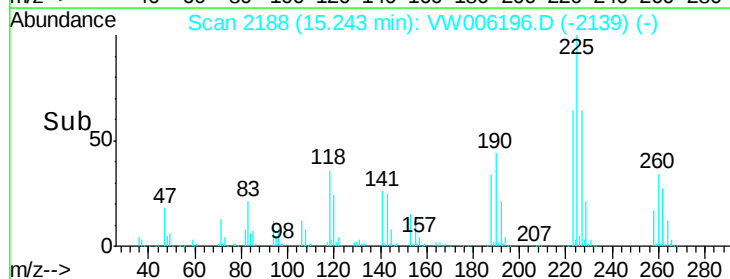
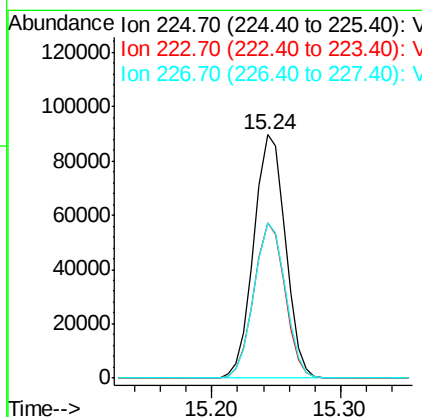
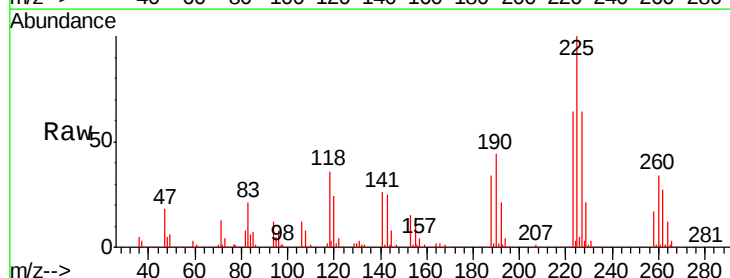
Manual Integrations
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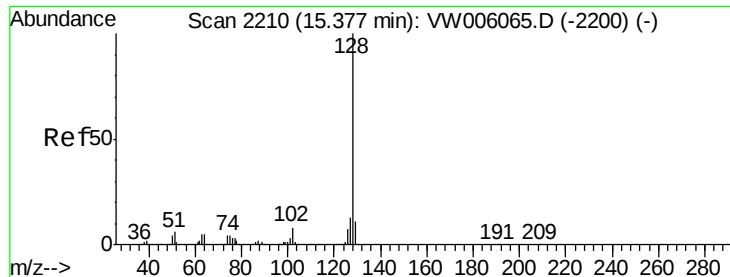
apatel
 10/19/2018 12:54:13 PM



#94
 Hexachlorobutadiene
 Concen: 52.62 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006196.D
 Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152107		
223	62.6	31.1	93.5	
227	63.2	32.4	97.0	





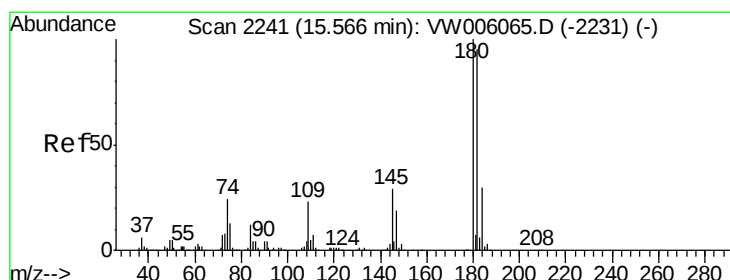
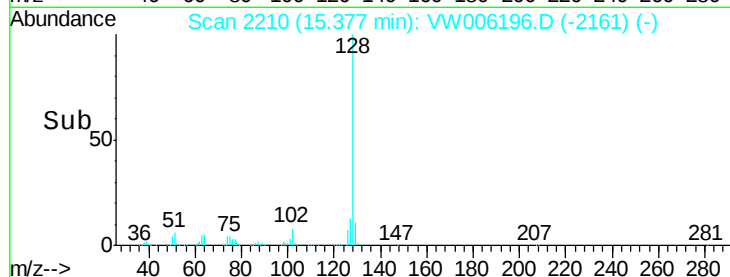
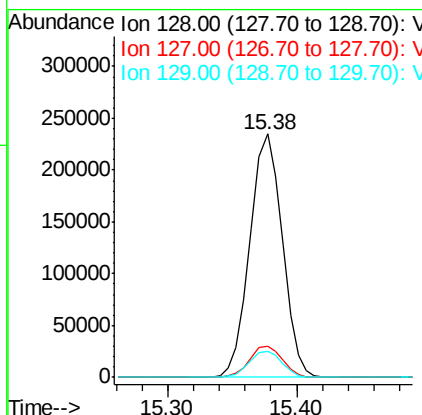
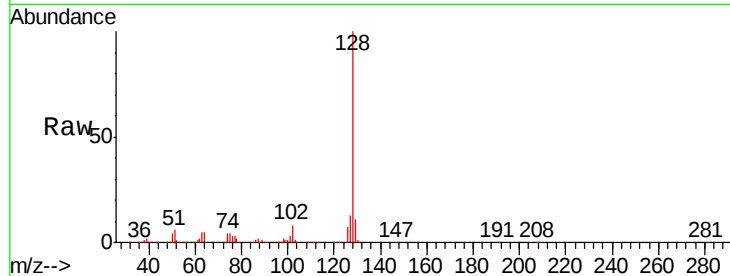
#95
Naphthalene
Concen: 53.45 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	409174		
127	13.0		10.3	15.5
129	10.9		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.51 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006196.D
Acq: 19 Oct 2018 01:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	213002		
182	96.2		47.8	143.3
145	30.5		15.0	45.1

