

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006653.D
 Acq On : 05 Nov 2018 23:52
 Operator : SY/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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 11/6/2018 8:16:07 AM

Quant Time: Nov 06 03:30:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98470	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.88	113	106064	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.32	98	400906	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.62	95	147107	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	62830m	52.613	ug/l	
3) Chloromethane	2.21	50	74328	50.304	ug/l	99
4) Vinyl Chloride	2.37	62	109325	52.990	ug/l	97
5) Bromomethane	2.79	94	92739	53.562	ug/l	98
6) Chloroethane	2.93	64	76426	53.017	ug/l	100
7) Trichlorofluoromethane	3.26	101	96436	52.932	ug/l	92
8) Diethyl Ether	3.68	74	51255	51.466	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104539	53.734	ug/l	100
10) Methyl Iodide	4.27	142	175177	49.660	ug/l	99
11) Tert butyl alcohol	5.23	59	27819	260.742	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	98131	52.224	ug/l	97
13) Acrolein	3.90	56	32335	240.967	ug/l	99
14) Allyl chloride	4.67	41	128205	52.270	ug/l	99
15) Acrylonitrile	5.38	53	96597	270.509	ug/l	99
16) Acetone	4.14	43	82059	256.674	ug/l	98
17) Carbon Disulfide	4.37	76	283887	53.091	ug/l	100
18) Methyl Acetate	4.68	43	49285	53.611	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	144304	51.593	ug/l	99
20) Methylene Chloride	4.91	84	108607	52.748	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	114759	53.973	ug/l	96
22) Diisopropyl ether	6.31	45	274869	53.755	ug/l	97
23) Vinyl Acetate	6.26	43	777719	274.269	ug/l	100
24) 1,1-Dichloroethane	6.21	63	184796	53.324	ug/l	99
25) 2-Butanone	7.18	43	121360	266.023	ug/l	100
26) 2,2-Dichloropropane	7.17	77	110326	52.849	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	126084	53.004	ug/l	99
28) Bromochloromethane	7.51	49	72716	52.842	ug/l	100
29) Tetrahydrofuran	7.54	42	77162	268.913	ug/l	99
30) Chloroform	7.68	83	204533	53.831	ug/l	100
31) Cyclohexane	7.96	56	155332	49.247	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	173105	53.842	ug/l	100
36) 1,1-Dichloropropene	8.08	75	155590	54.129	ug/l	99
37) Ethyl Acetate	7.26	43	54730	54.944	ug/l	98
38) Carbon Tetrachloride	8.07	117	166025	55.277	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	195922	53.711	ug/l	97
40) Benzene	8.32	78	451336	55.281	ug/l	99
41) Methacrylonitrile	7.49	41	31534	51.627	ug/l	94
42) 1,2-Dichloroethane	8.40	62	126394	53.982	ug/l	100
43) Isopropyl Acetate	8.43	43	108880	54.777	ug/l	99
44) Trichloroethene	9.09	130	136388	54.135	ug/l	96
45) 1,2-Dichloropropane	9.37	63	104774	55.144	ug/l	99
46) Dibromomethane	9.46	93	62120	55.619	ug/l	99
47) Bromodichloromethane	9.65	83	148343	57.202	ug/l	97
48) Methyl methacrylate	9.44	41	52865	55.202	ug/l	98
49) 1,4-Dioxane	9.49	88	18127	1108.988	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	285825	279.986	ug/l	100
52) Toluene	10.39	92	298294	54.473	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	142374	57.044	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	166149	56.334	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	87868	55.447	ug/l	96
56) Ethyl methacrylate	10.65	69	100540	55.819	ug/l	97
57) 1,3-Dichloropropane	10.93	76	142302	55.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	229657	262.295	ug/l	100
59) 2-Hexanone	10.97	43	195355	281.753	ug/l	99
60) Dibromochloromethane	11.13	129	109118	58.116	ug/l	100
61) 1,2-Dibromoethane	11.24	107	86574	55.013	ug/l	99
64) Tetrachloroethene	10.87	164	129238	52.689	ug/l	99
65) Chlorobenzene	11.66	112	349606	53.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	127969	56.229	ug/l	100
67) Ethyl Benzene	11.74	91	590433	54.555	ug/l	99
68) m/p-Xylenes	11.84	106	479608	110.920	ug/l	99
69) o-Xylene	12.17	106	229133	55.663	ug/l	99
70) Styrene	12.18	104	378870	56.453	ug/l	100
71) Bromoform	12.35	173	70756	58.651	ug/l #	98
73) Isopropylbenzene	12.47	105	624094	52.466	ug/l	100
74) N-amyl acetate	12.28	43	109522	53.282	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	101577	54.066	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62360m	44.262	ug/l	
77) Bromobenzene	12.75	156	162578	52.788	ug/l	100
78) n-propylbenzene	12.81	91	735300	53.742	ug/l	100
79) 2-Chlorotoluene	12.90	91	417156	53.126	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	541093	54.145	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28524	52.302	ug/l	97
82) 4-Chlorotoluene	12.99	91	444315	53.485	ug/l	100
83) tert-Butylbenzene	13.21	119	475639	53.371	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	553647	54.012	ug/l	99
85) sec-Butylbenzene	13.39	105	674247	54.019	ug/l	99
86) p-Isopropyltoluene	13.51	119	618196	54.431	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	328749	54.201	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	323842	53.864	ug/l	100
89) n-Butylbenzene	13.83	91	554962	55.046	ug/l	100
90) Hexachloroethane	14.10	117	105695	56.624	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	293833	53.856	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15958	52.347	ug/l	97

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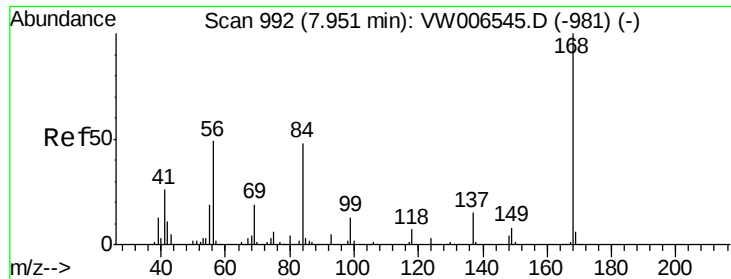
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	218821	53.939	ug/l	99
94) Hexachlorobutadiene	15.24	225	137650	54.441	ug/l	99
95) Naphthalene	15.38	128	356084	54.613	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	194353	54.510	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 230364

Ion Ratio Lower Upper

168 100

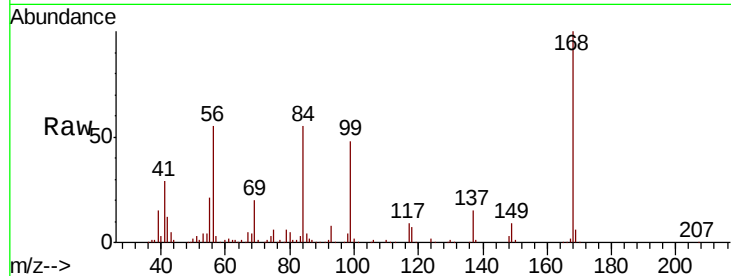
99 48.3 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

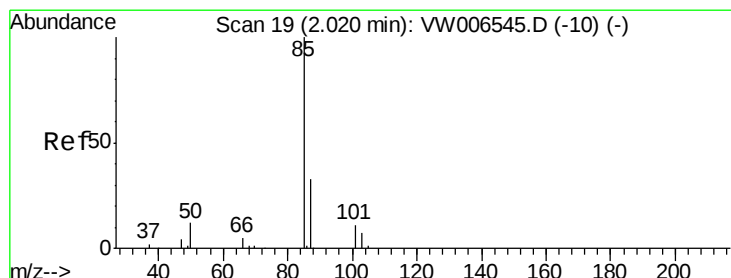
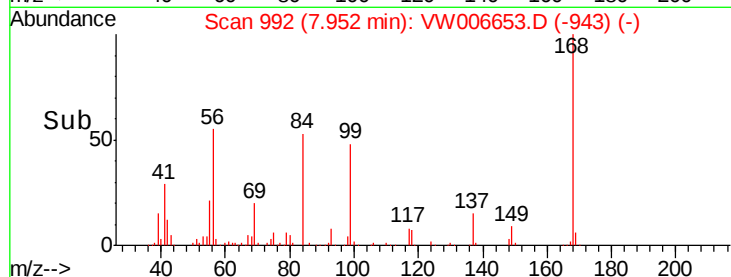
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 52.613 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006653.D

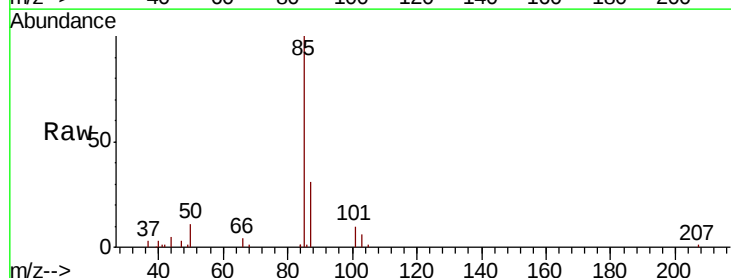
Acq: 05 Nov 2018 23:52

Tgt Ion: 85 Resp: 62830

Ion Ratio Lower Upper

85 100

87 30.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

10000

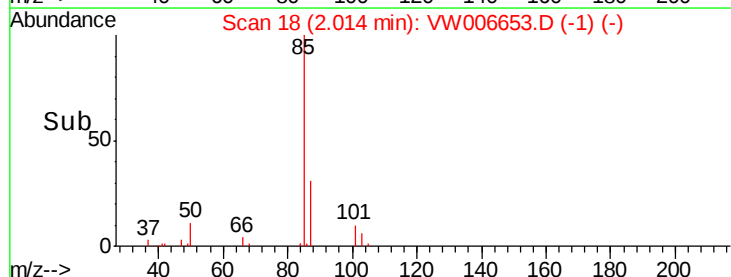
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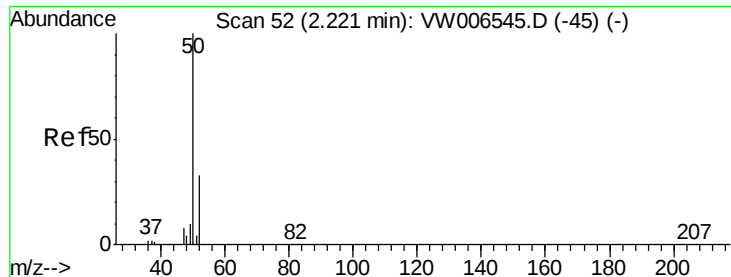
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 50.304 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 74328

Ion Ratio Lower Upper

50 100

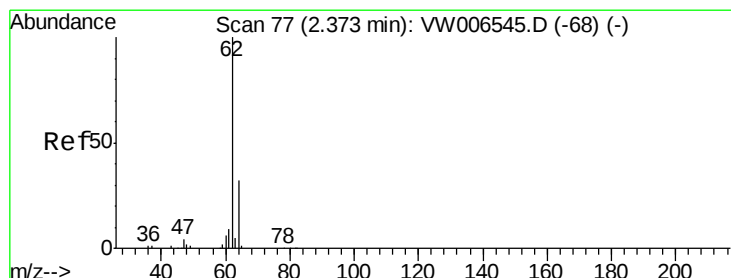
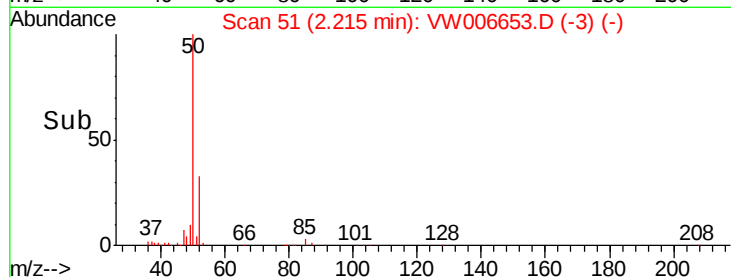
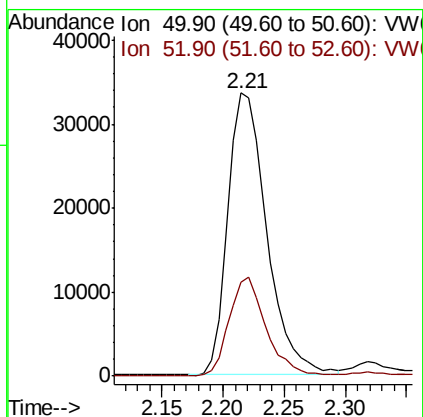
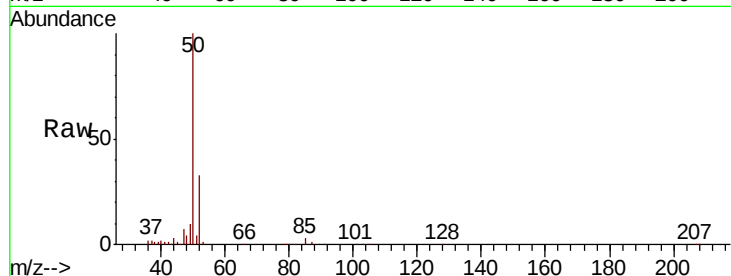
52 33.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 52.990 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006653.D

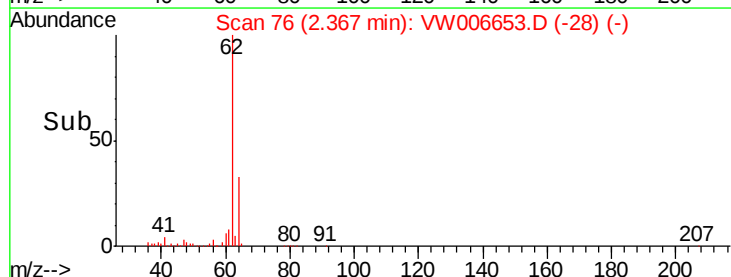
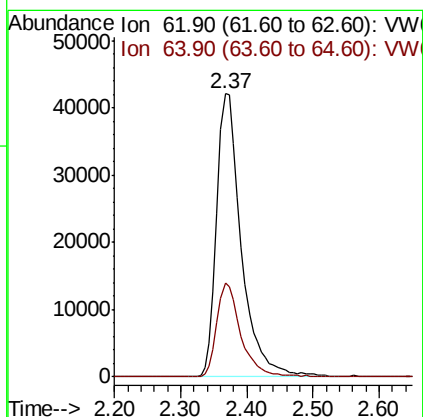
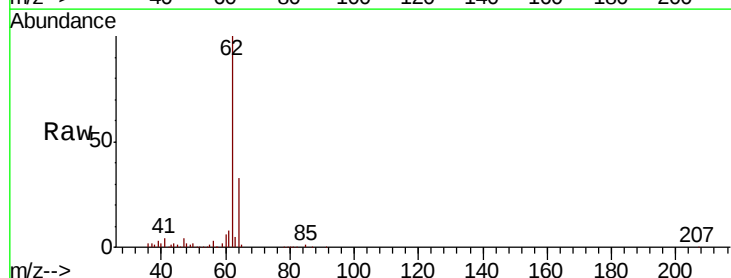
Acq: 05 Nov 2018 23:52

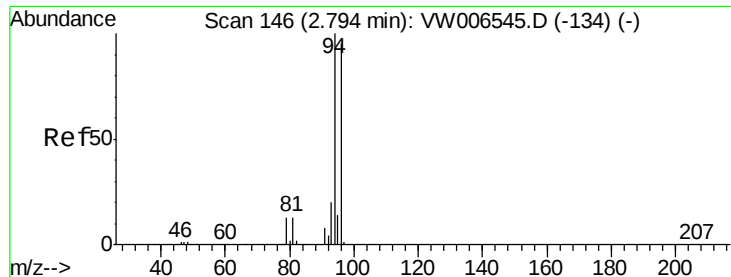
Tgt Ion: 62 Resp: 109325

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0





#5

Bromomethane

Concen: 53.562 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 92739

Ion Ratio Lower Upper

94 100

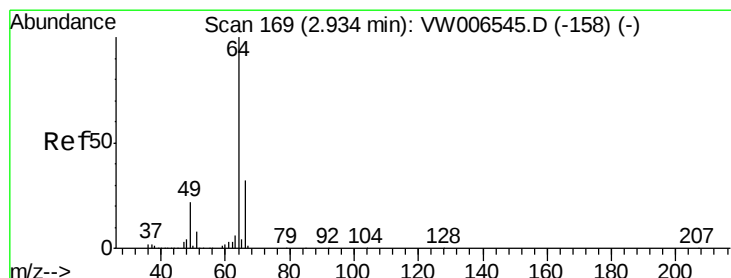
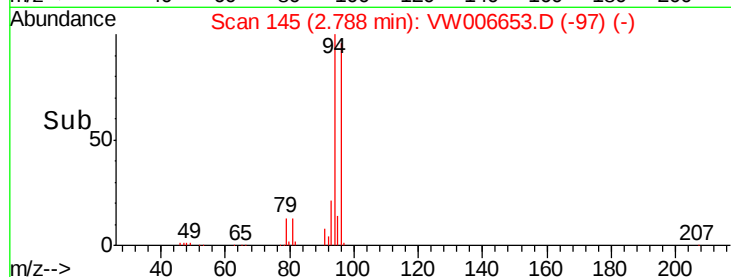
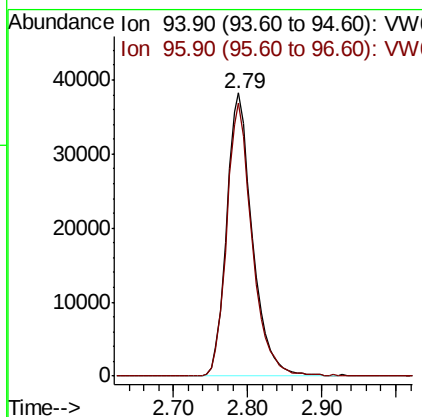
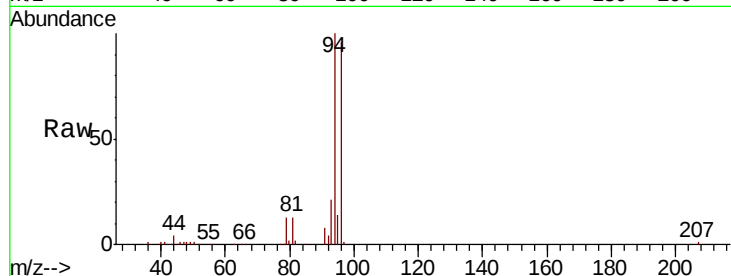
96 96.2 75.7 113.5

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#6

Chloroethane

Concen: 53.017 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006653.D

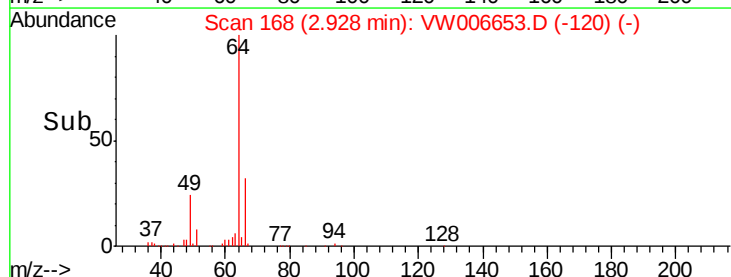
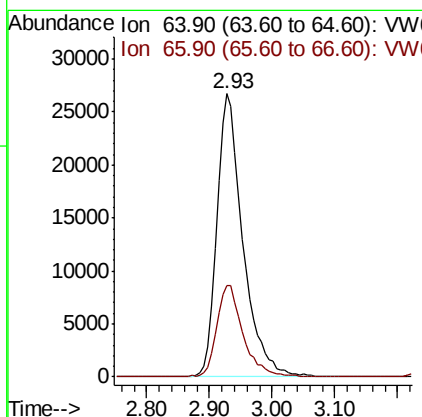
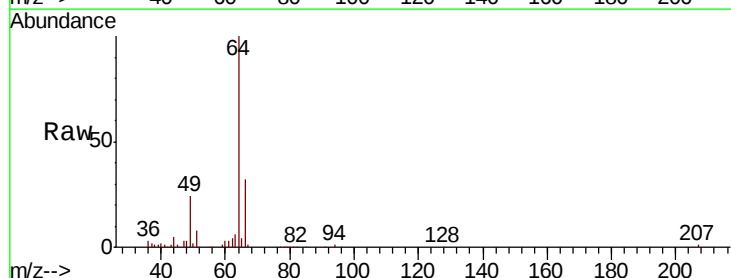
Acq: 05 Nov 2018 23:52

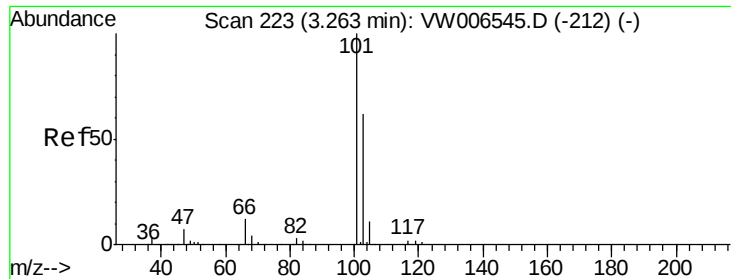
Tgt Ion: 64 Resp: 76426

Ion Ratio Lower Upper

64 100

66 32.5 25.9 38.9





#7

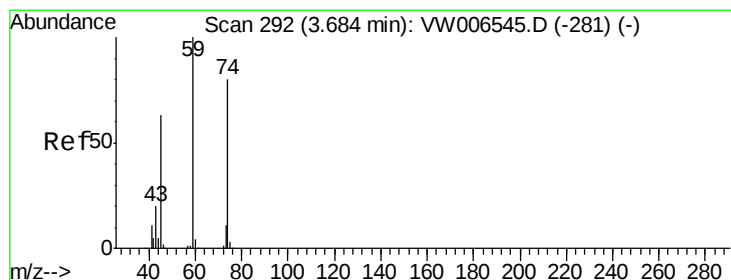
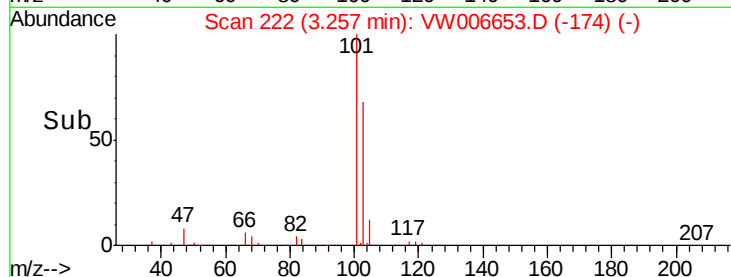
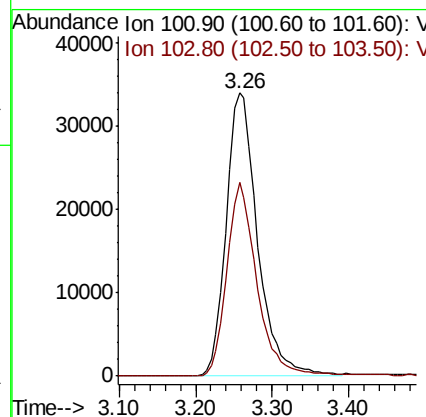
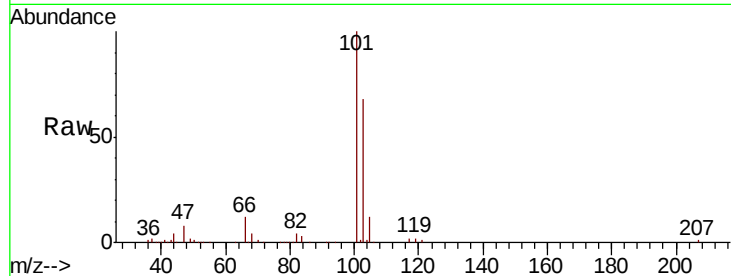
Trichlorofluoromethane
Concen: 52.932 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006653.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.3	49.8	74.8

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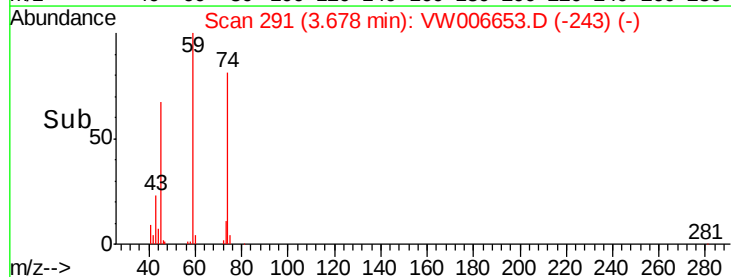
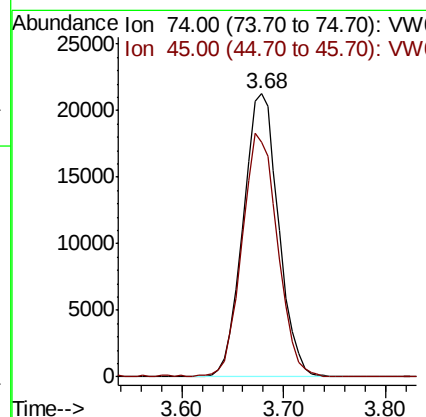
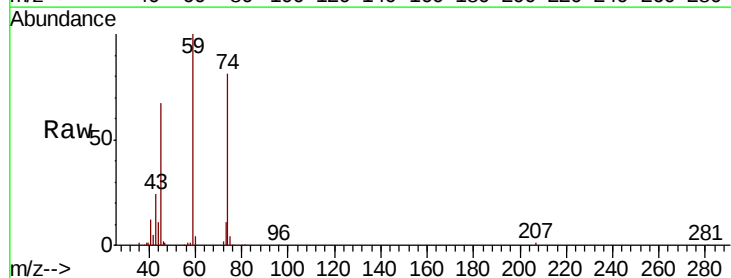
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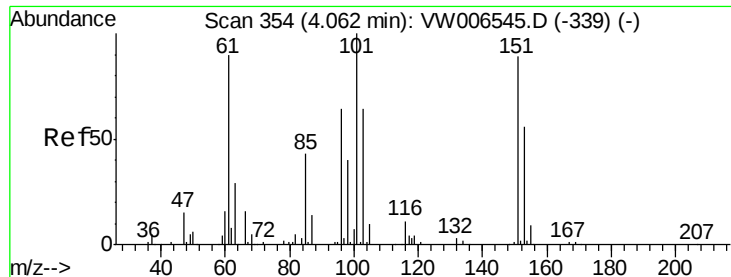


#8

Diethyl Ether
Concen: 51.466 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.5	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.734 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006653.D

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Instrument :

MSVOA_W

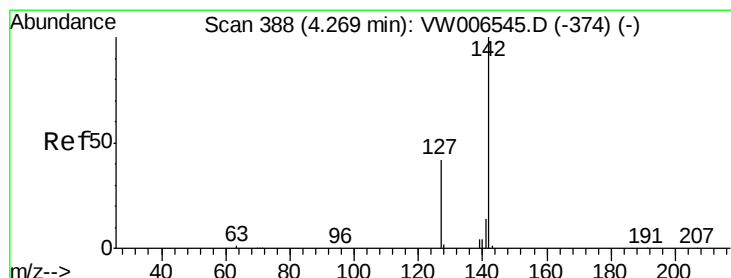
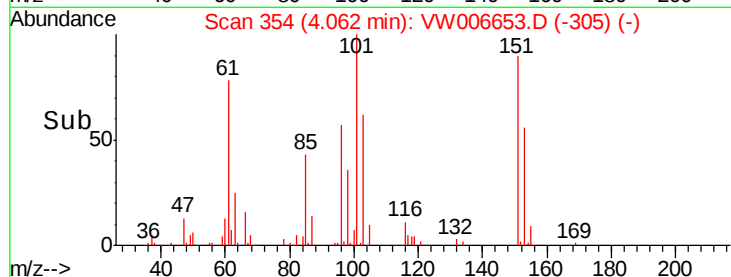
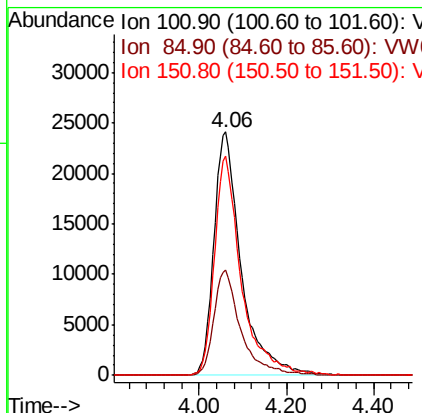
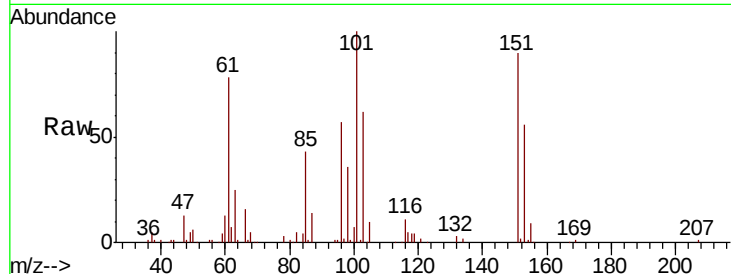
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	104539
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.2
151	88.3	70.7	106.1

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#10

Methyl Iodide

Concen: 49.660 ug/l

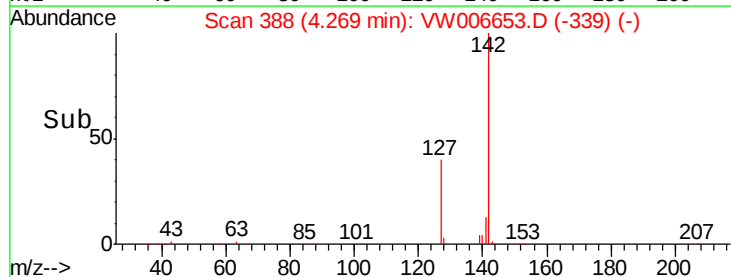
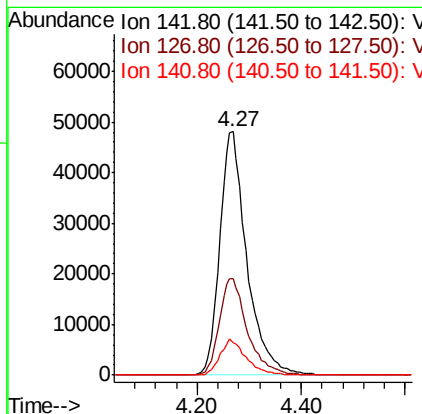
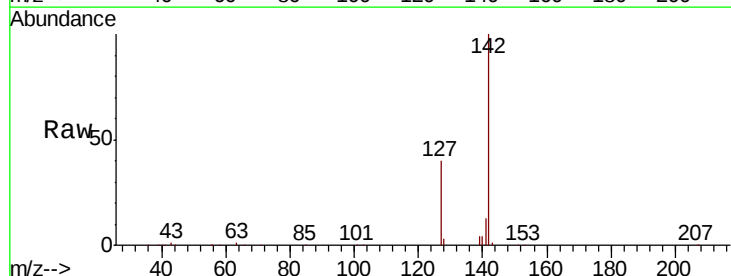
RT: 4.27 min Scan# 388

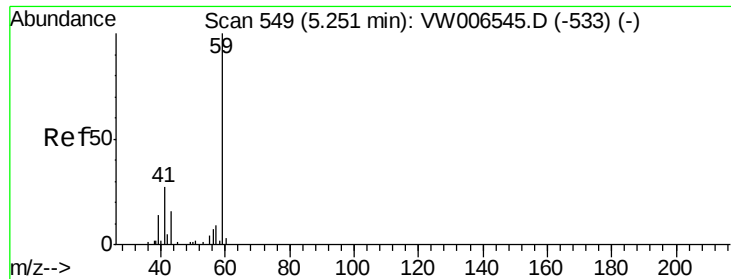
Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Tgt Ion:	142	Resp:	175177
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.3	48.5
141	14.3	11.3	16.9





#11

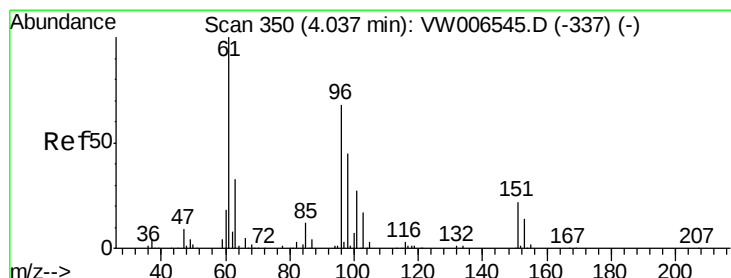
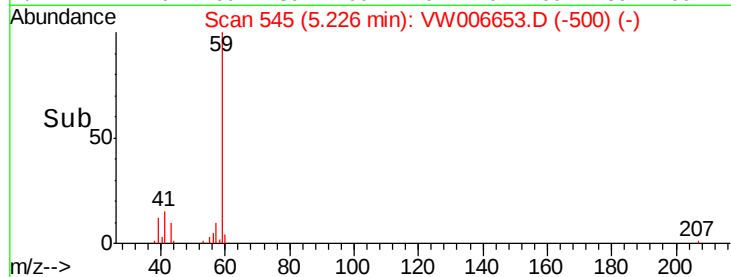
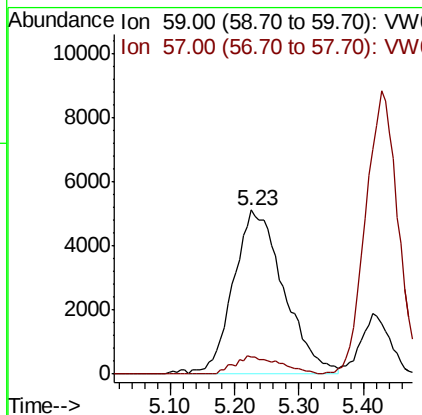
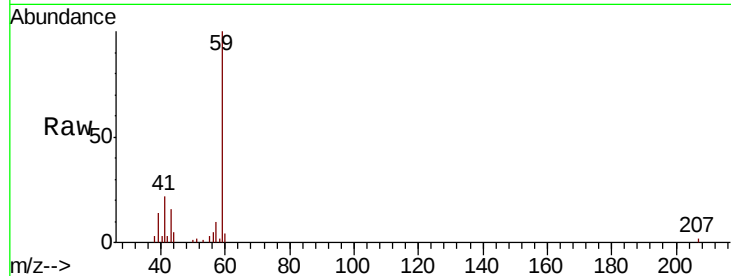
Tert butyl alcohol
 Concen: 260.742 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	27819
Ion Ratio	100	Lower	Upper
57	10.1	4.3	6.5#

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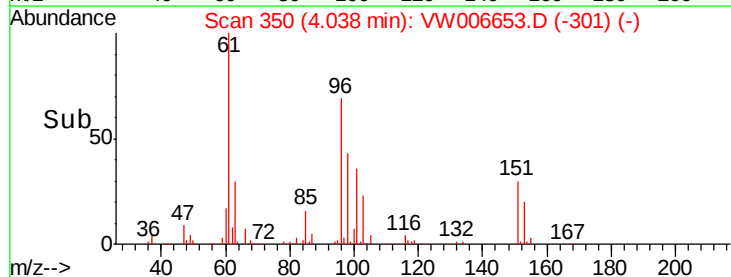
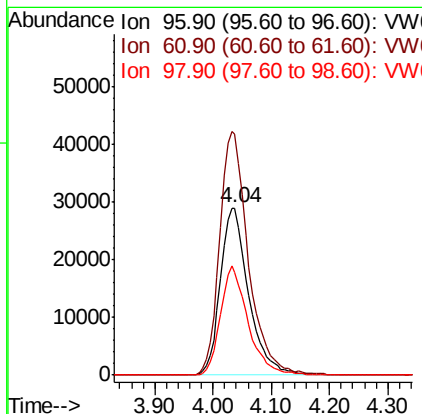
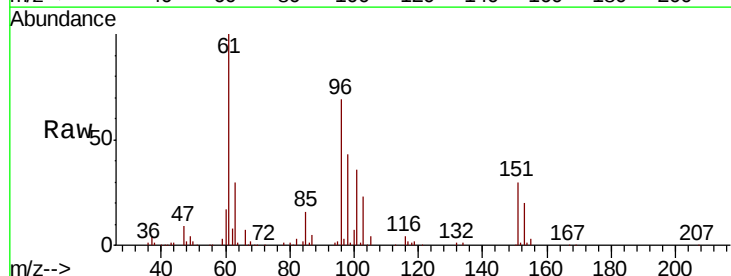
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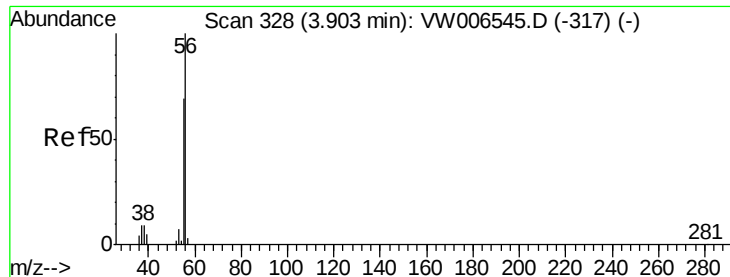


#12

1,1-Dichloroethene
 Concen: 52.224 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Tgt Ion	96	Resp	98131
Ion Ratio	100	Lower	Upper
61	144.2	117.0	175.4
98	61.7	52.5	78.7





#13

Acrolein

Concen: 240.967 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 32335

Ion Ratio Lower Upper

56 100

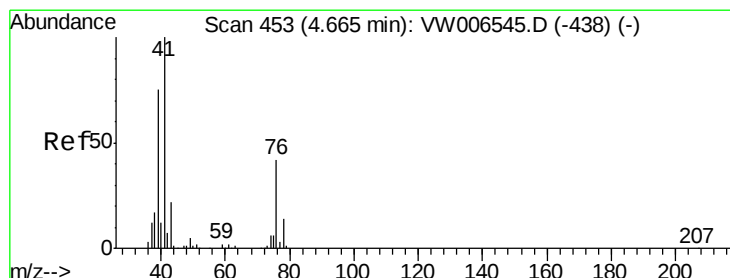
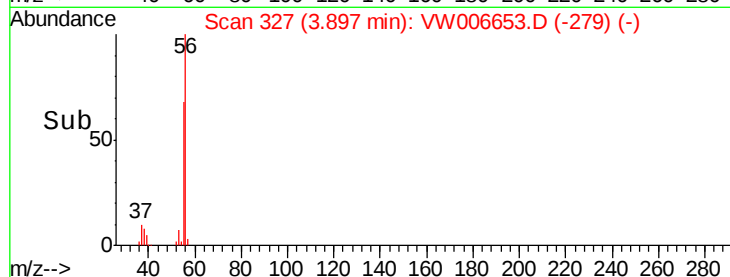
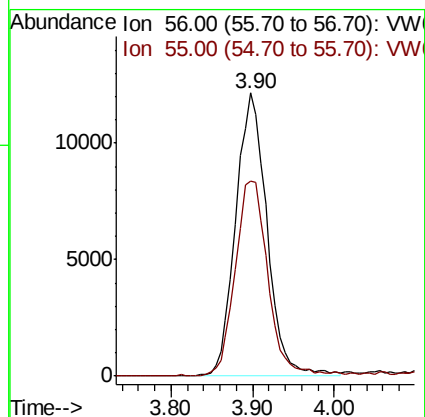
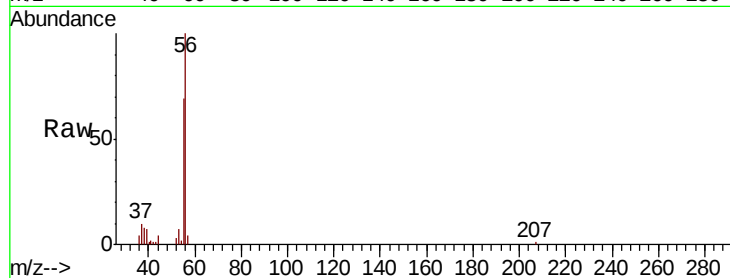
55 71.8 56.9 85.3

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#14

Allyl chloride

Concen: 52.270 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

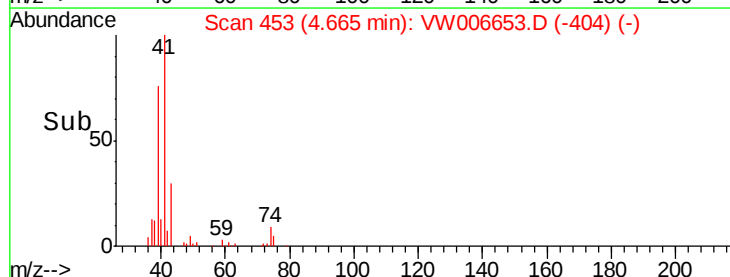
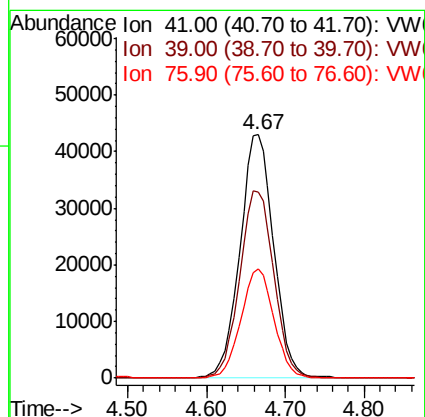
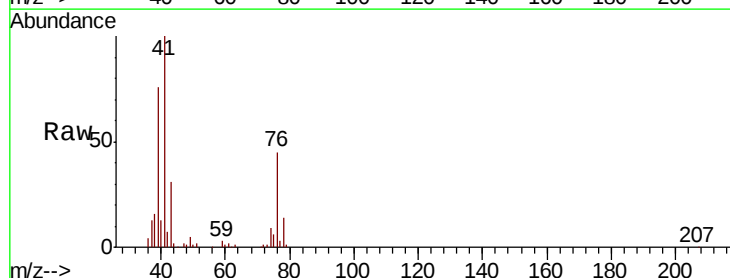
Tgt Ion: 41 Resp: 128205

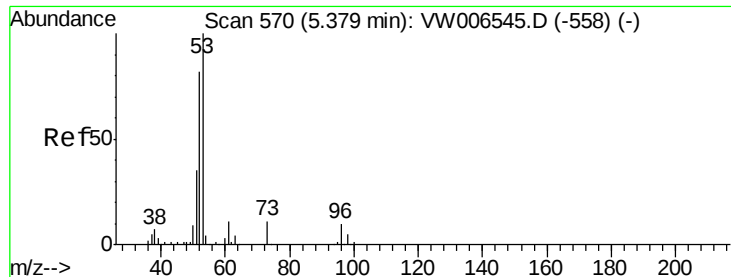
Ion Ratio Lower Upper

41 100

39 77.7 62.1 93.1

76 43.5 34.2 51.2





#15

Acrylonitrile

Concen: 270.509 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

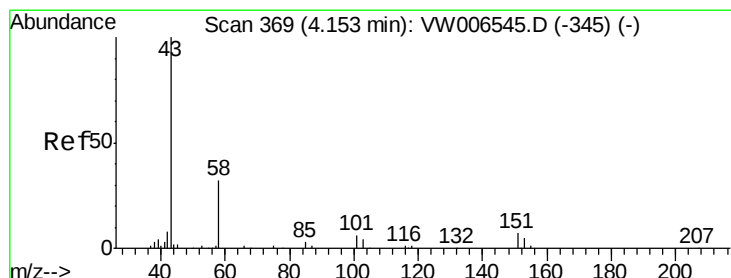
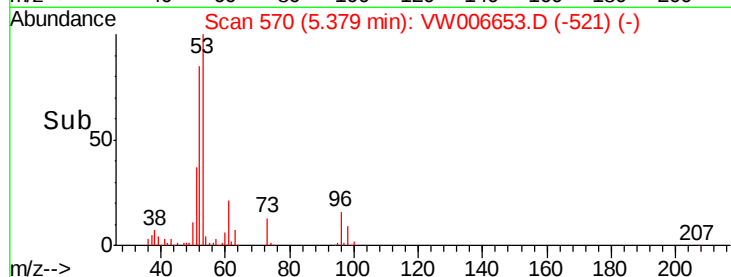
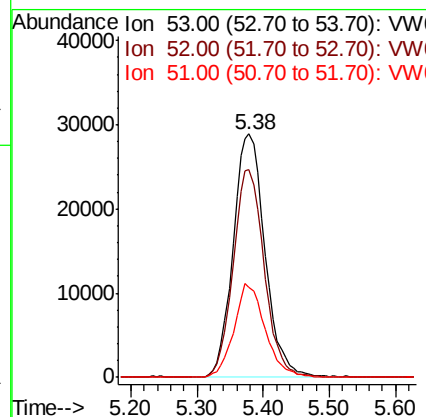
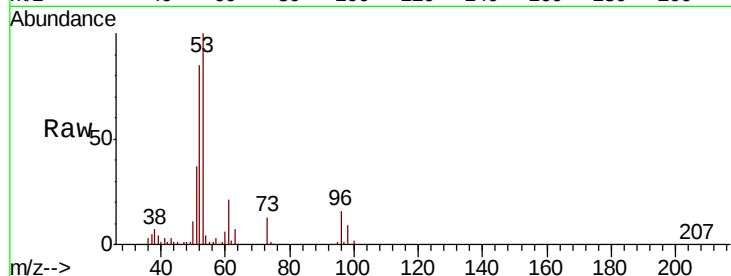
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	96597
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.8	98.8
51	37.8	29.6	44.4

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#16

Acetone

Concen: 256.674 ug/l

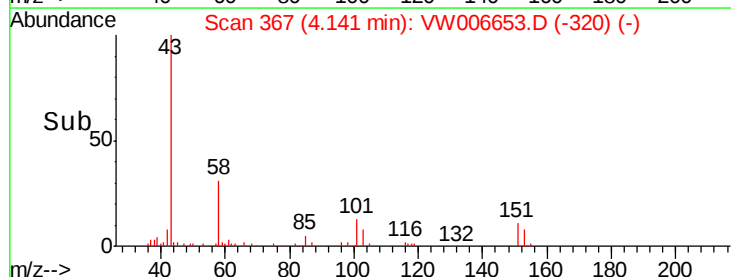
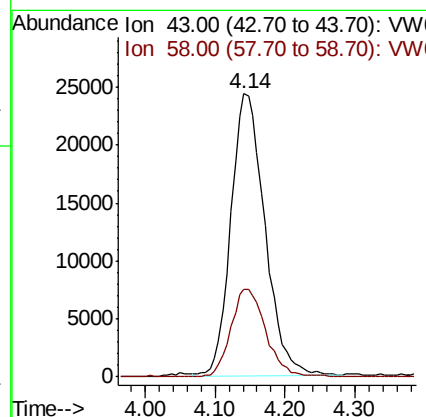
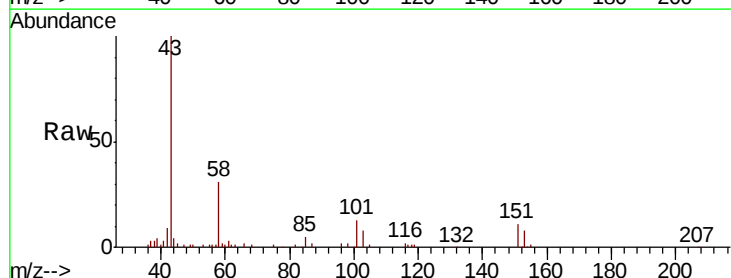
RT: 4.14 min Scan# 367

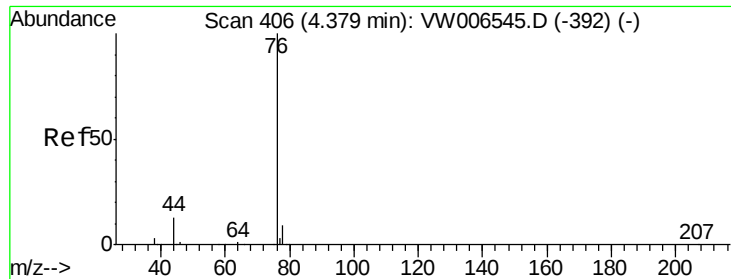
Delta R.T. -0.01 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Tgt Ion:	43	Resp:	82059
Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.8	38.8





#17

Carbon Disulfide

Concen: 53.091 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 283887

Ion Ratio Lower Upper

76 100

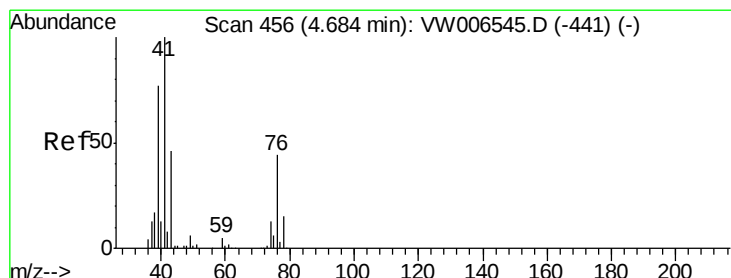
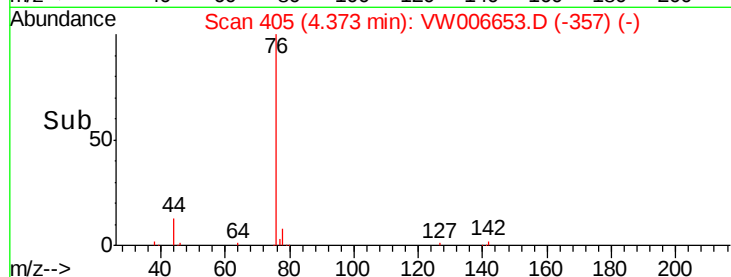
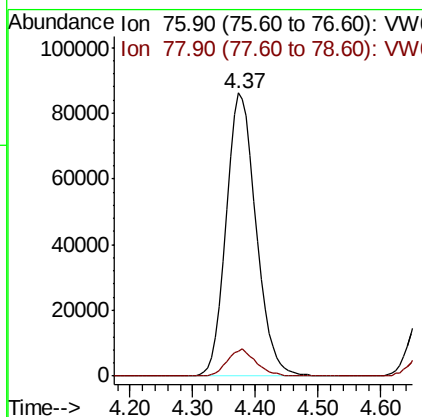
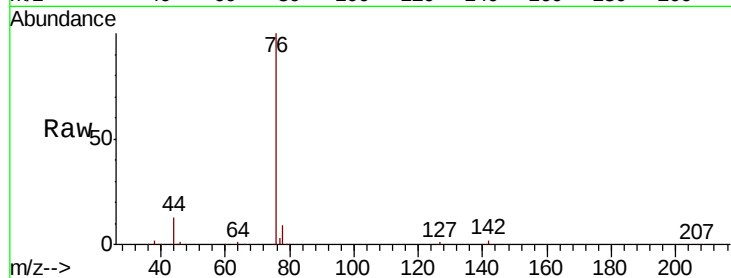
78 8.9 7.3 10.9

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#18

Methyl Acetate

Concen: 53.611 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006653.D

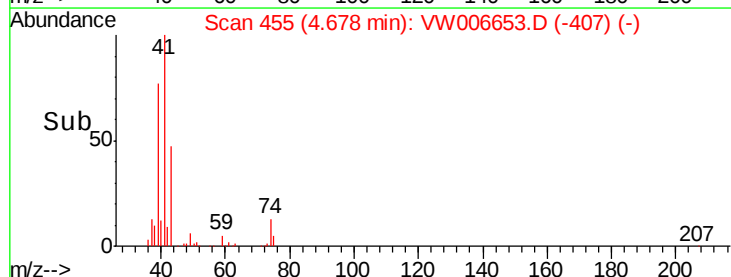
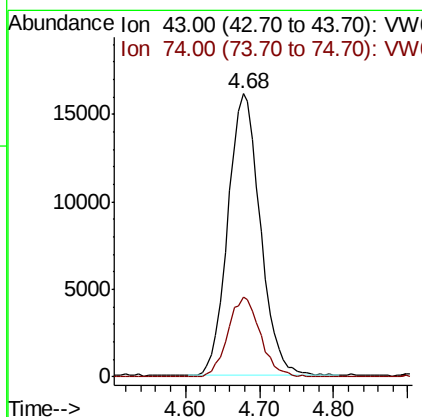
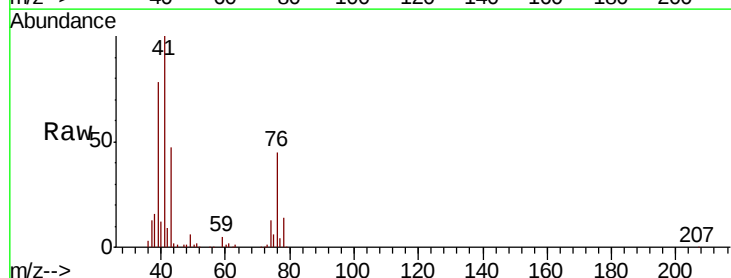
Acq: 05 Nov 2018 23:52

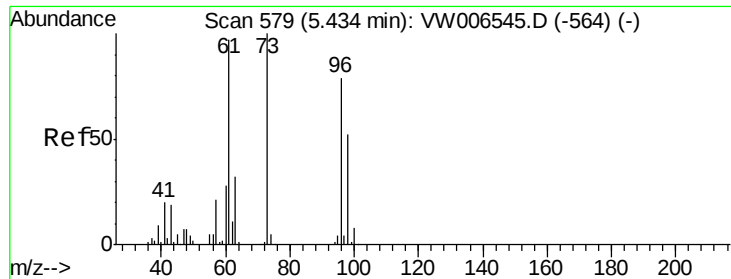
Tgt Ion: 43 Resp: 49285

Ion Ratio Lower Upper

43 100

74 28.1 21.9 32.9





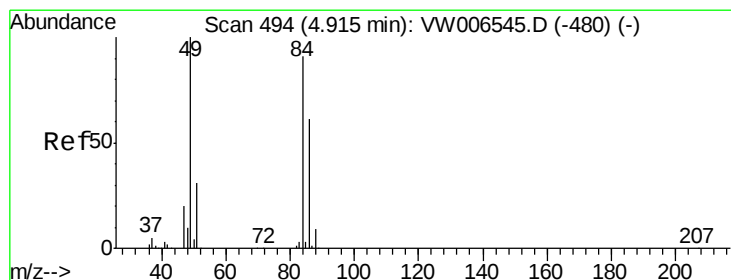
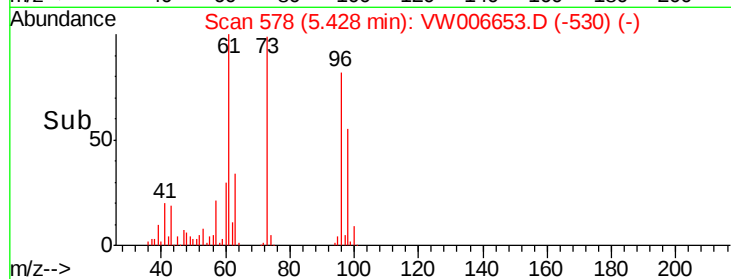
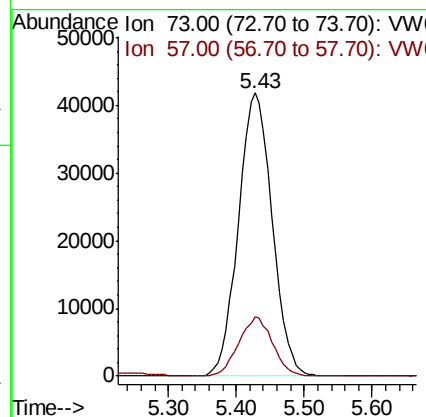
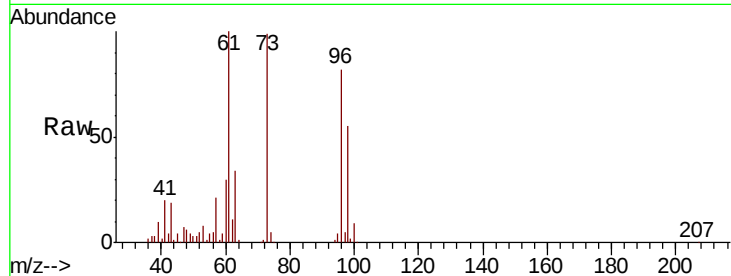
#19
Methyl tert-butyl Ether
Concen: 51.593 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 144304
Ion Ratio Lower Upper
73 100
57 21.1 16.7 25.1

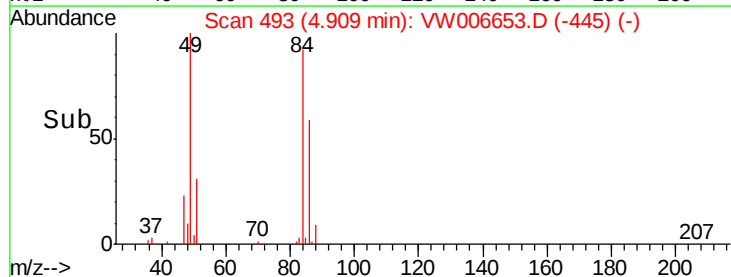
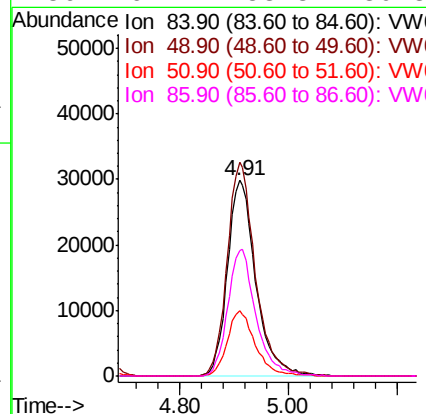
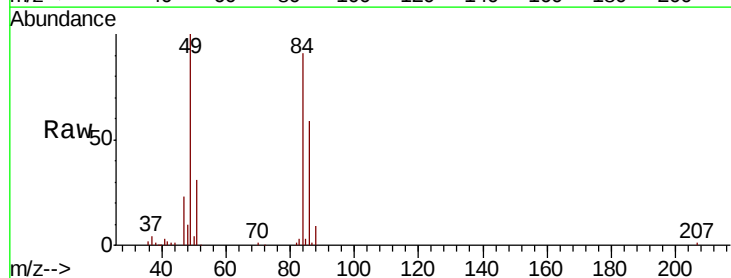
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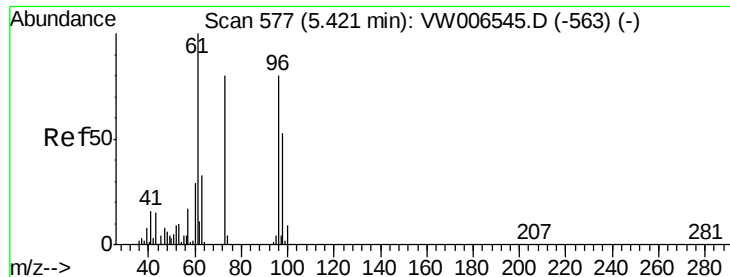
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#20
Methylene Chloride
Concen: 52.748 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion: 84 Resp: 108607
Ion Ratio Lower Upper
84 100
49 109.4 88.2 132.4
51 33.6 27.0 40.6
86 64.4 53.8 80.8





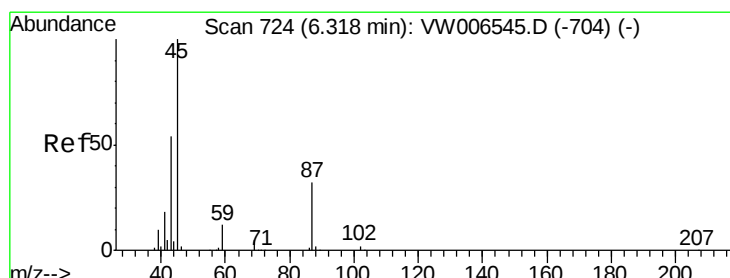
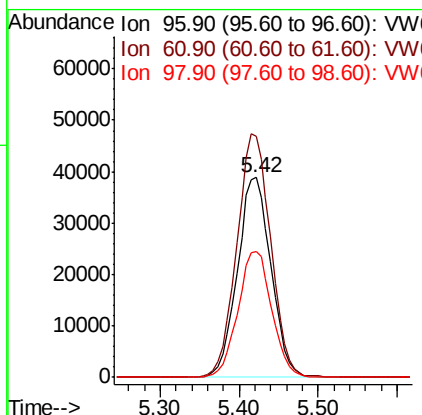
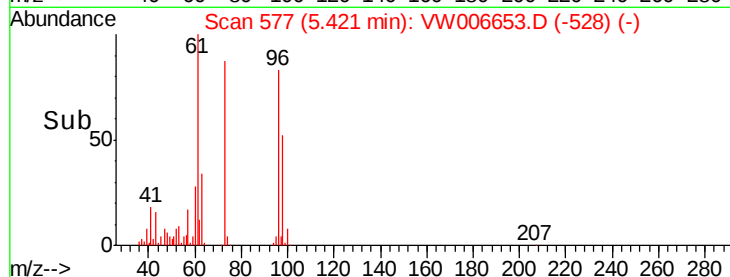
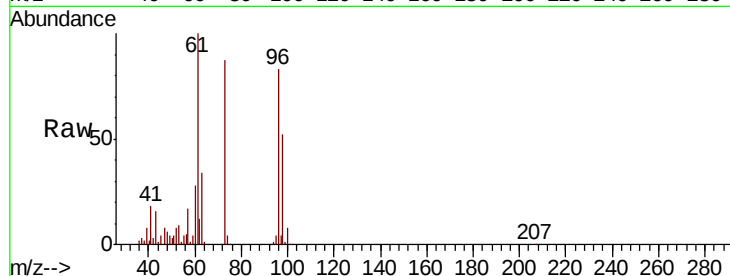
#21
trans-1,2-Dichloroethene
Concen: 53.973 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.3	100.6	150.8
98	63.1	52.9	79.3

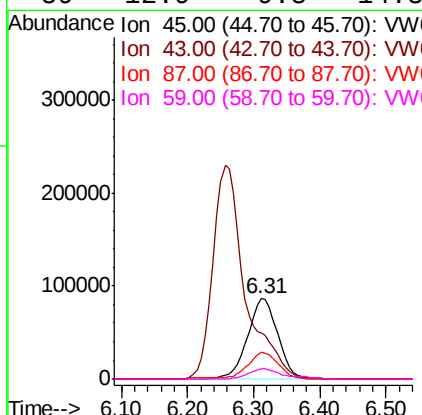
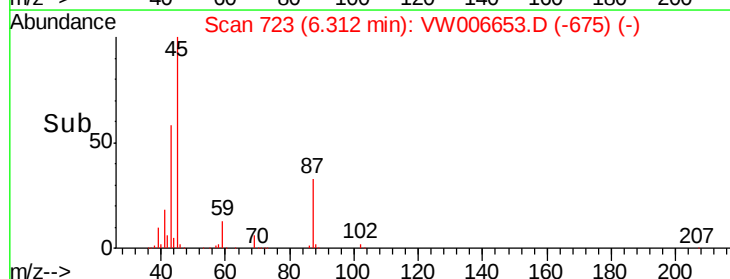
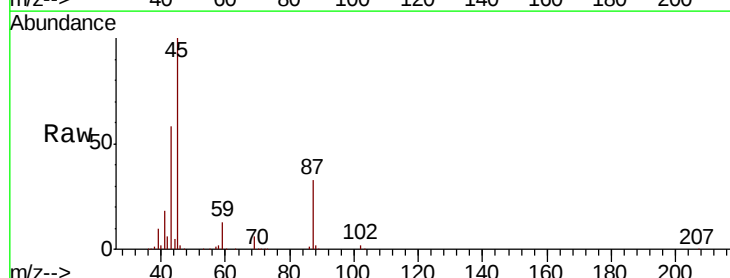
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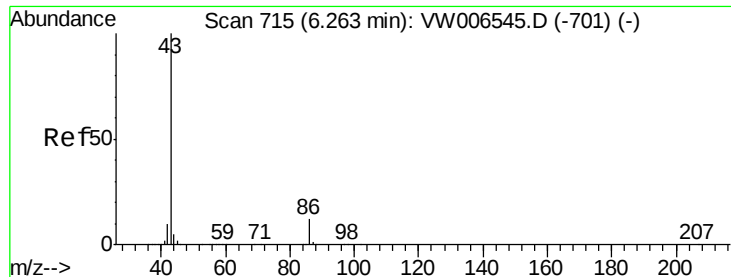
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#22
Diisopropyl ether
Concen: 53.755 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.5	43.6	65.4
87	33.2	26.3	39.5
59	12.9	9.8	14.8





#23

Vinyl Acetate

Concen: 274.269 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 777719

Ion Ratio Lower Upper

43 100

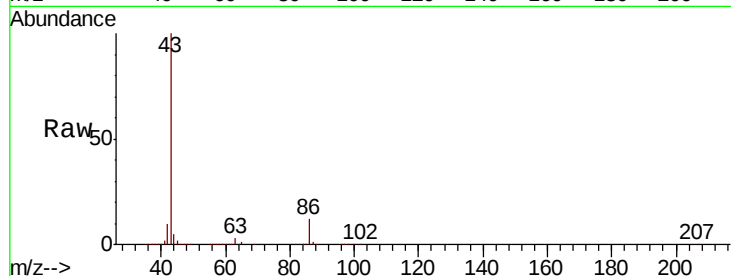
86 12.4 9.8 14.8

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

250000

200000

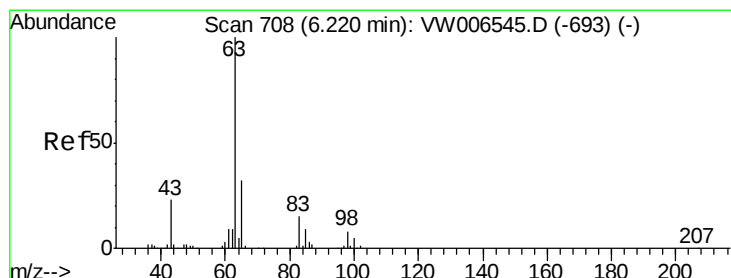
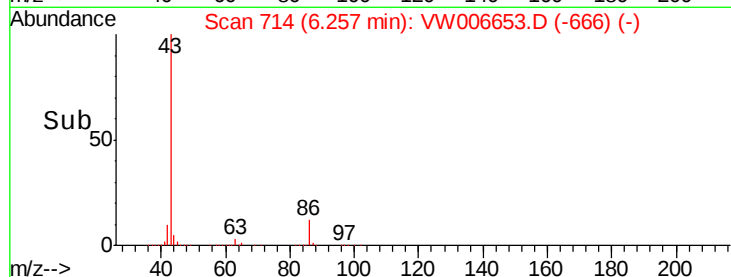
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.324 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

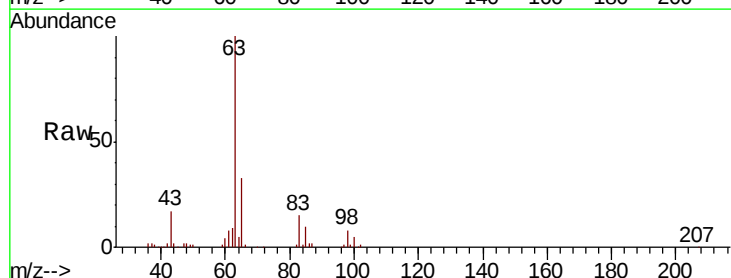
Tgt Ion: 63 Resp: 184796

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 5.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

80000

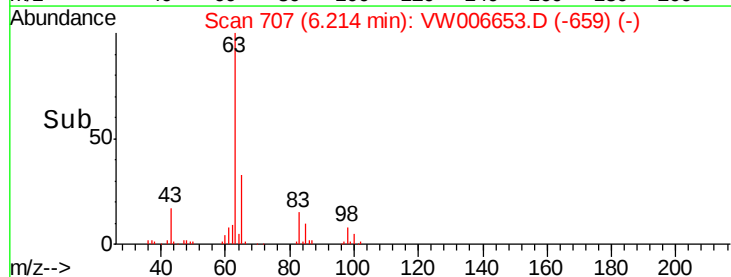
60000

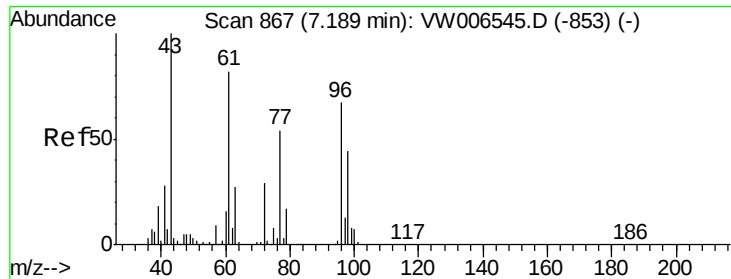
40000

20000

0

Time-->





#25

2-Butanone

Concen: 266.023 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 121360

Ion Ratio Lower Upper

43 100

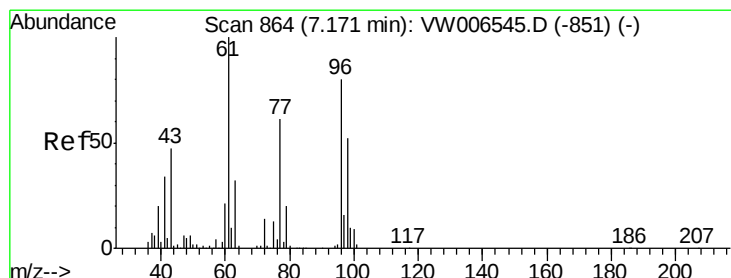
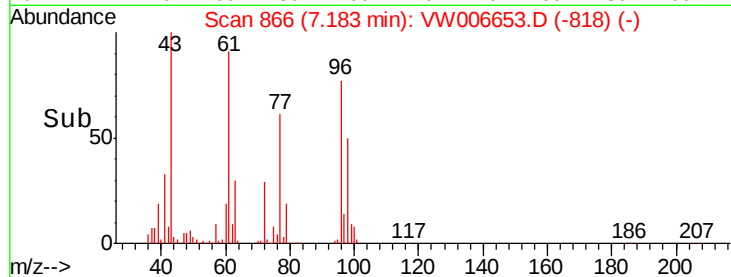
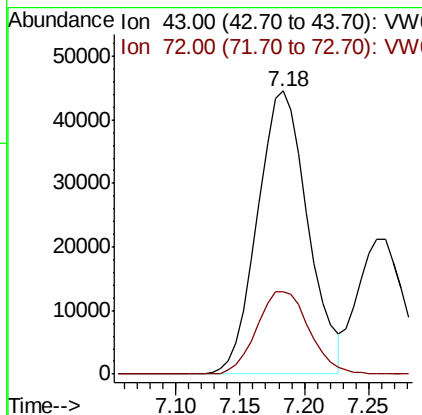
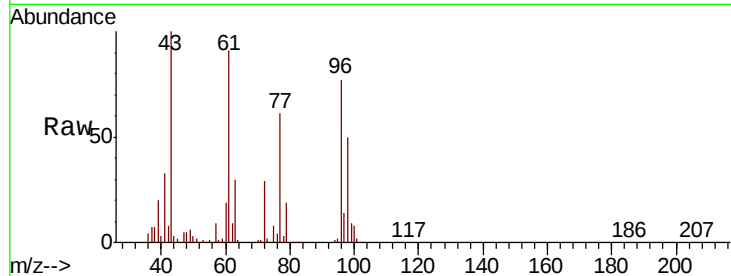
72 29.2 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.849 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006653.D

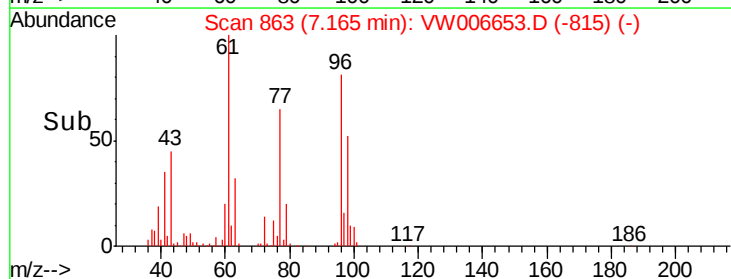
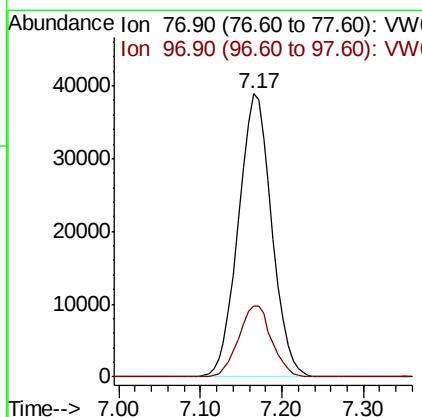
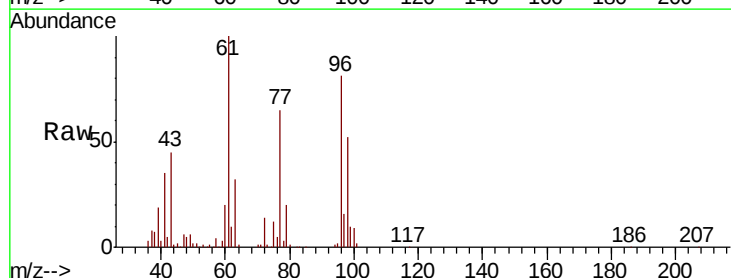
Acq: 05 Nov 2018 23:52

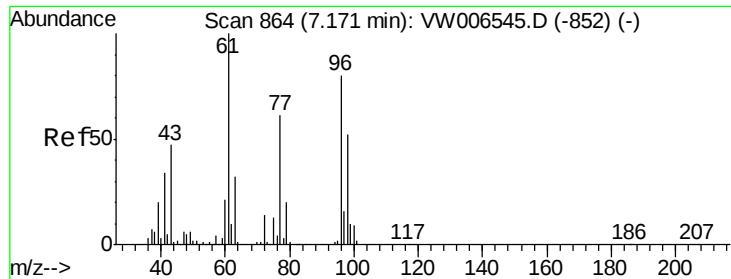
Tgt Ion: 77 Resp: 110326

Ion Ratio Lower Upper

77 100

97 25.0 12.8 38.4





#27

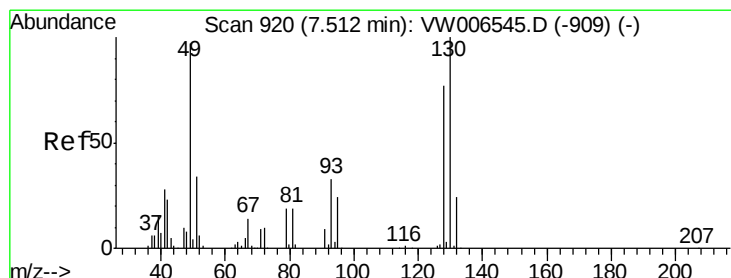
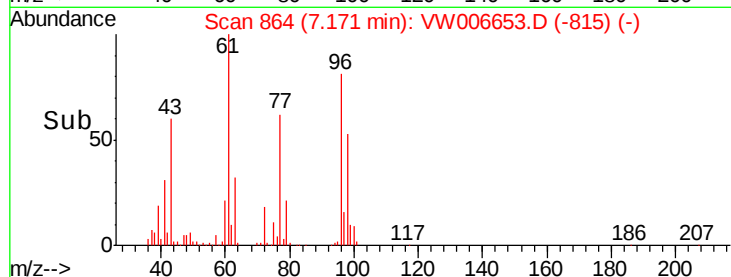
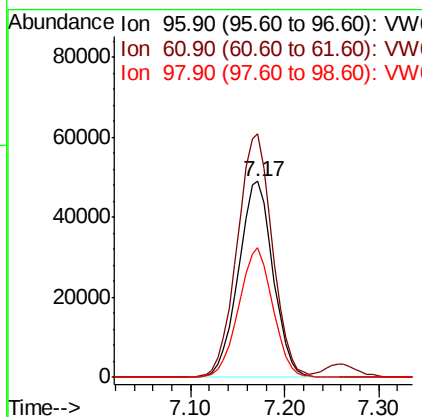
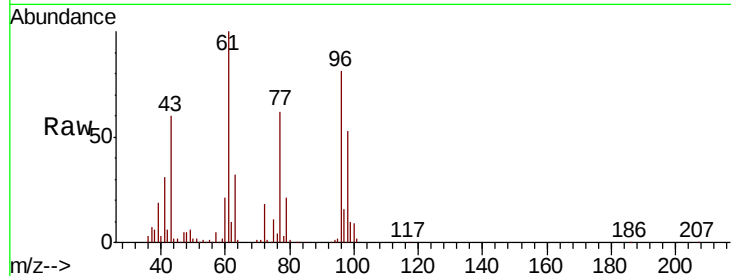
cis-1,2-Dichloroethene
 Concen: 53.004 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	254.2
98	65.1	0.0	129.6

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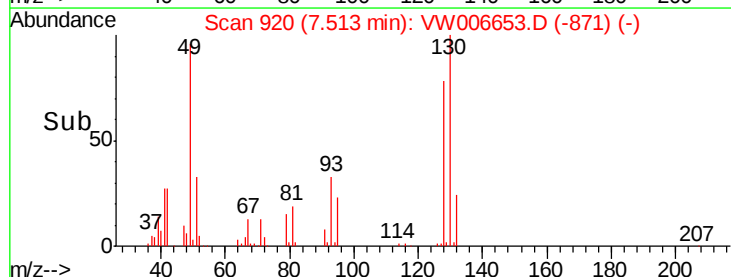
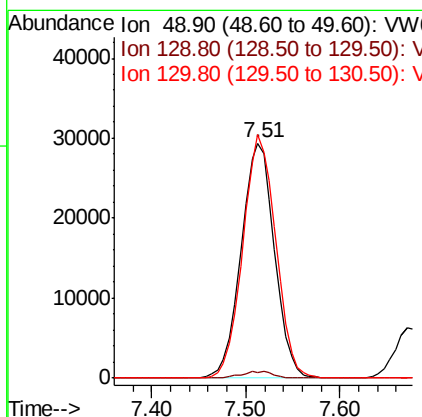
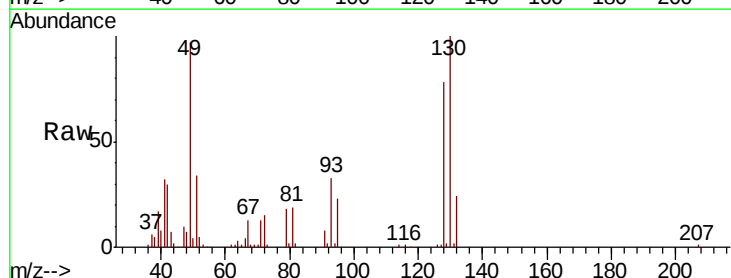
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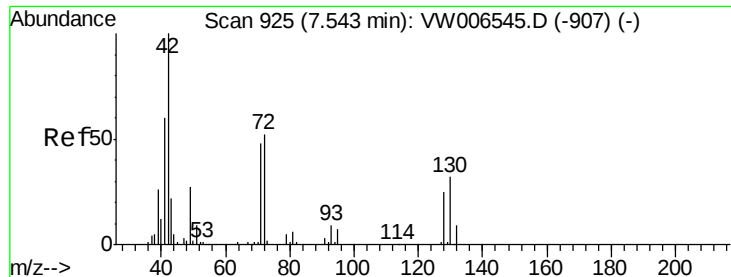


#28

Bromochloromethane
 Concen: 52.842 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	102.5	82.2	123.2





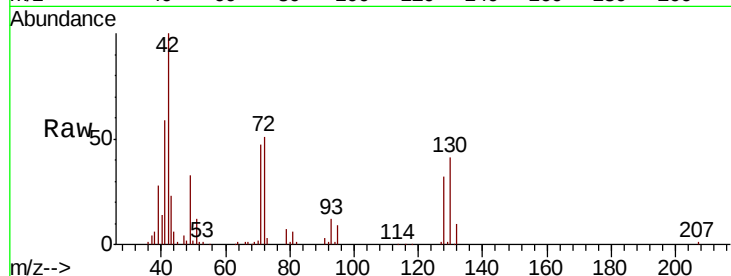
#29
Tetrahydrofuran
Concen: 268.913 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.9	39.2	58.8
71	47.0	37.6	56.4

Manual Integrations
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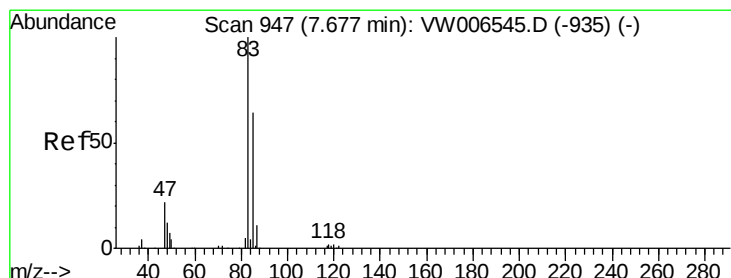
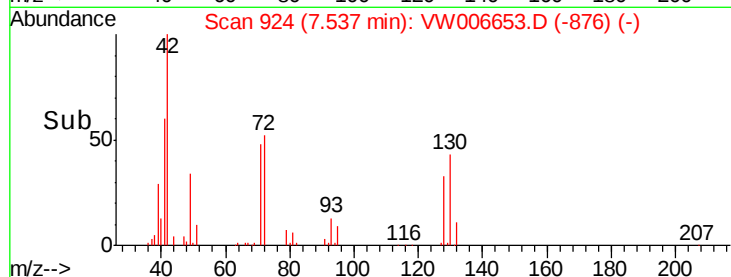
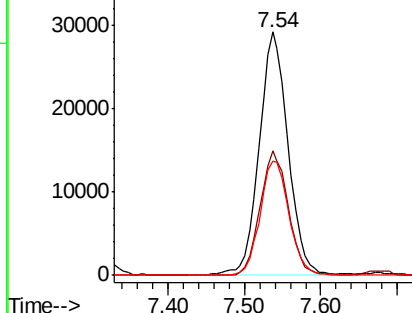


Abundance

Ion 42.00 (41.70 to 42.70): VW

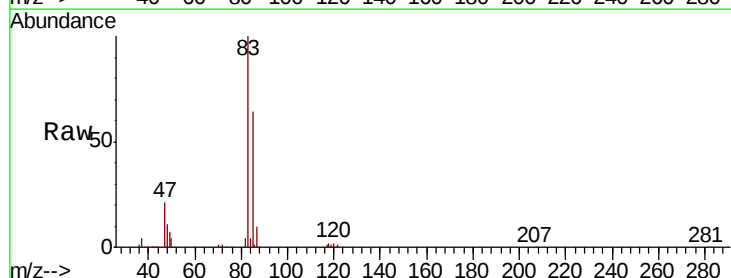
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 53.831 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

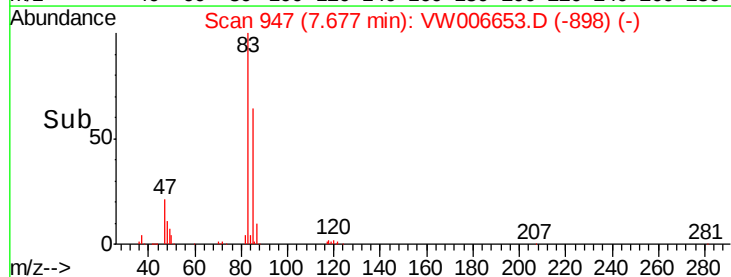
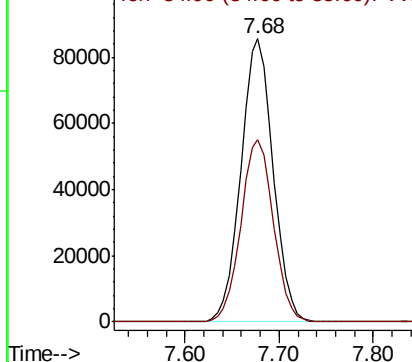
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.3	76.9

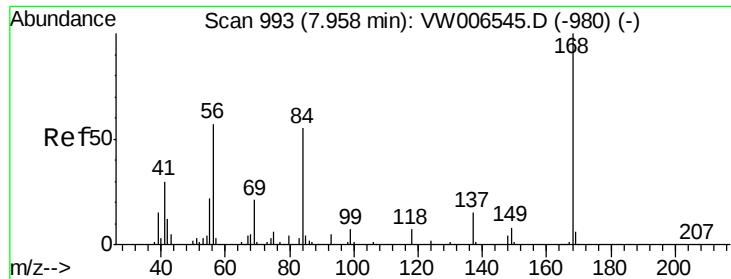


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





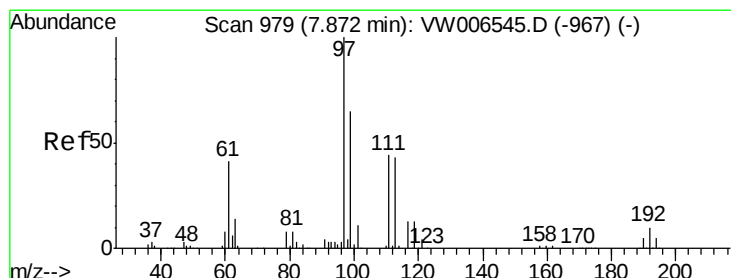
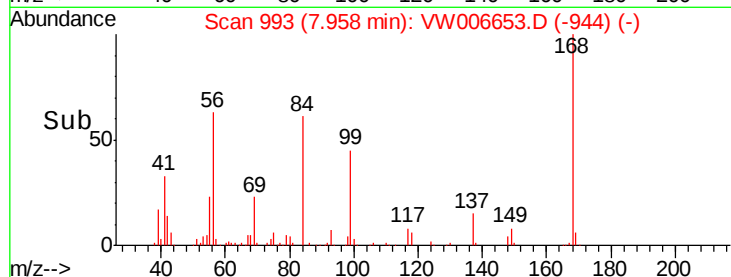
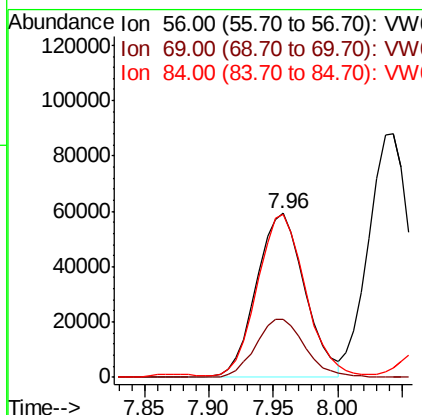
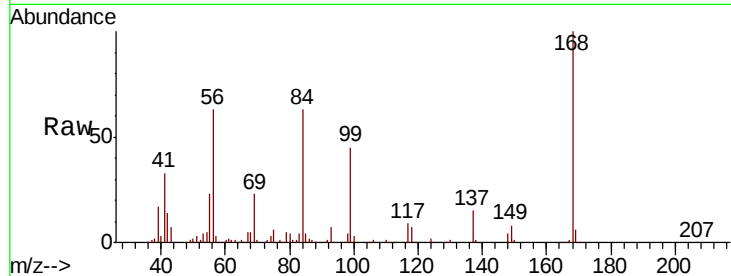
#31
Cyclohexane
Concen: 49.247 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	29.0	43.4
84	98.2	77.8	116.6

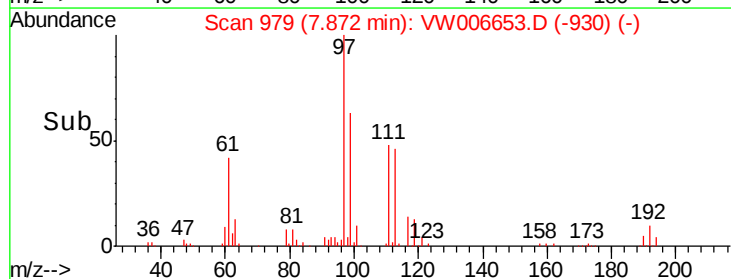
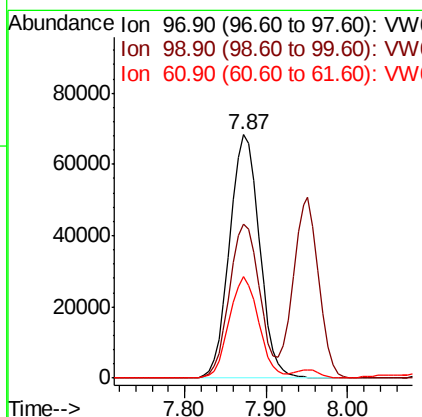
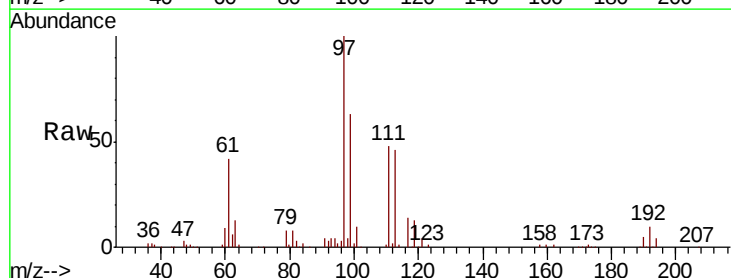
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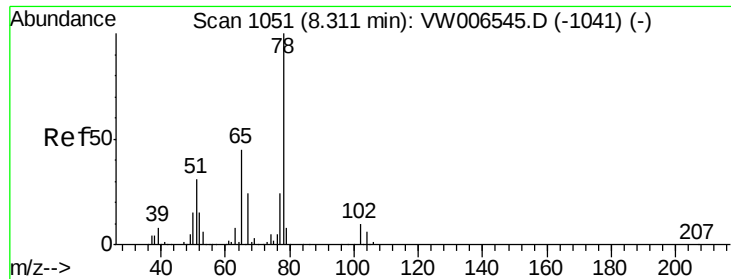
apatel
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#32
1,1,1-Trichloroethane
Concen: 53.842 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	41.0	32.9	49.3





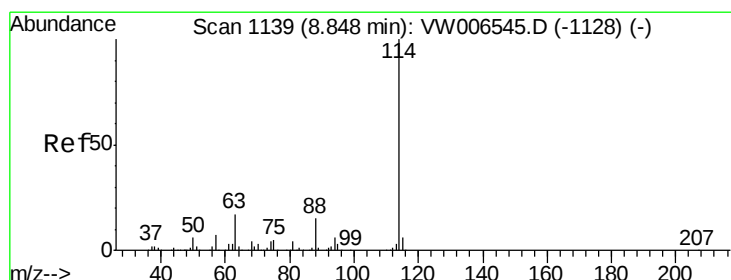
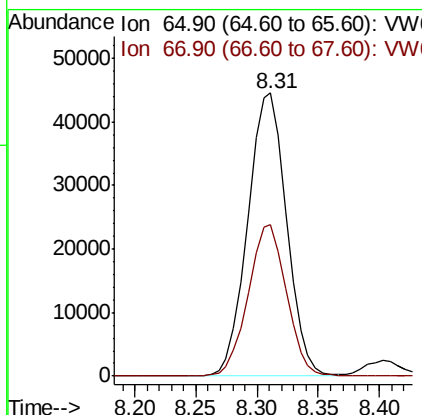
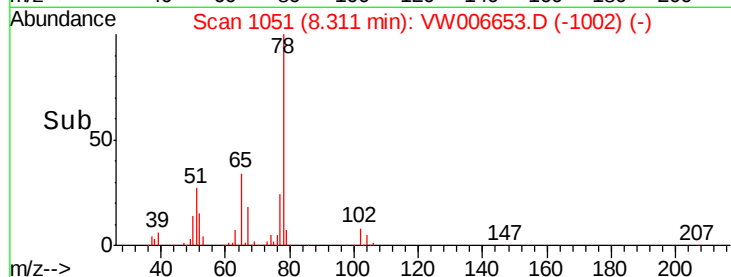
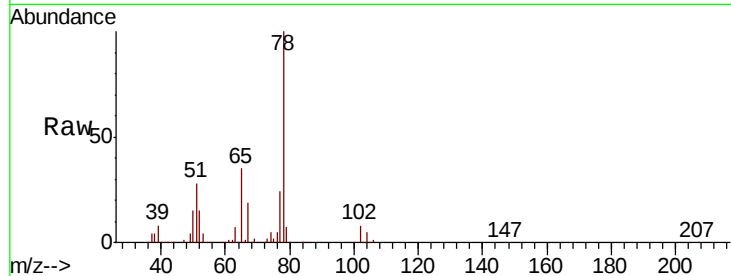
#33
 1,2-Dichloroethane-d4
 Concen: 49.727 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.4

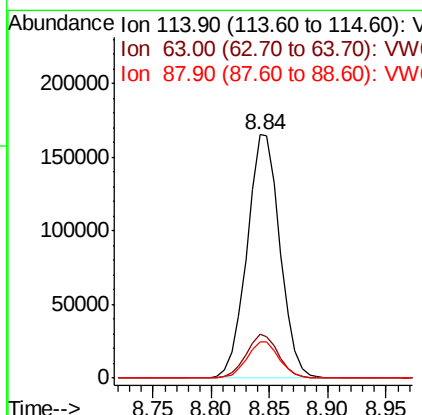
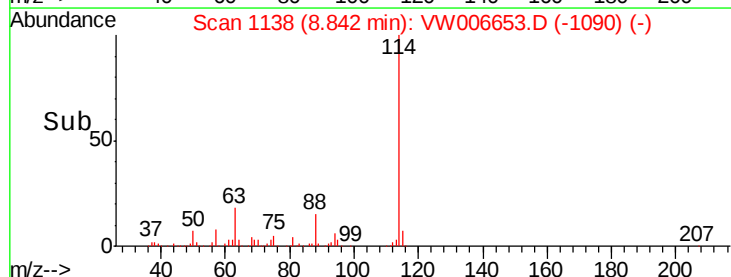
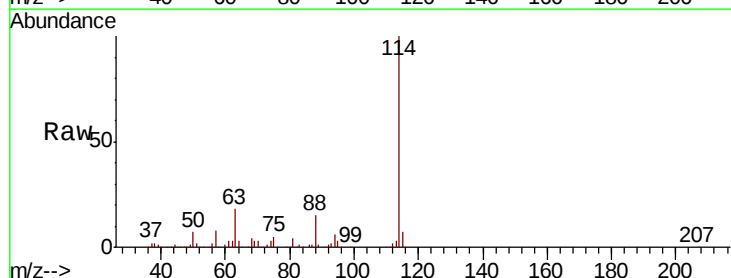
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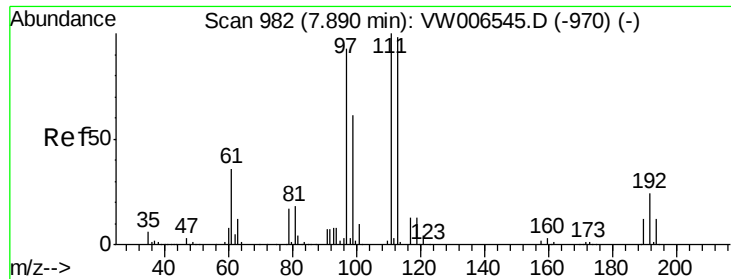
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.4
88	14.9	0.0	29.0





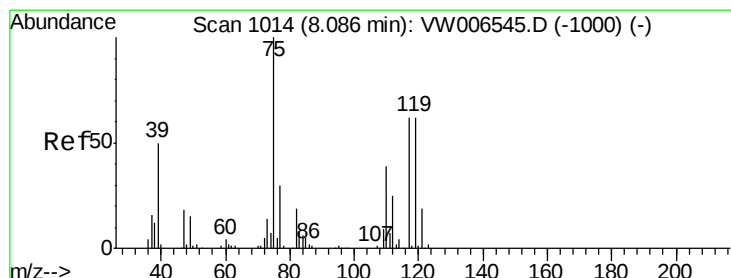
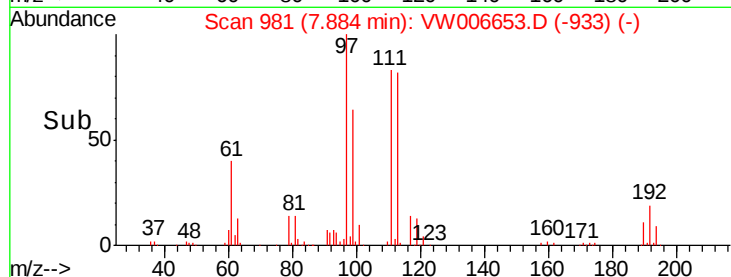
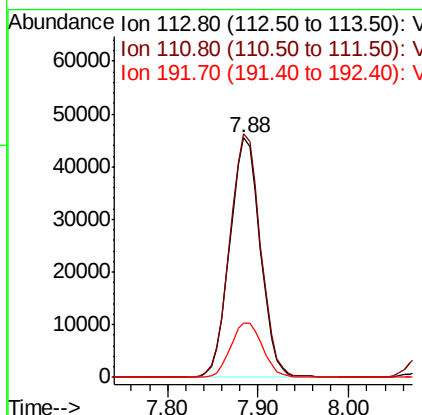
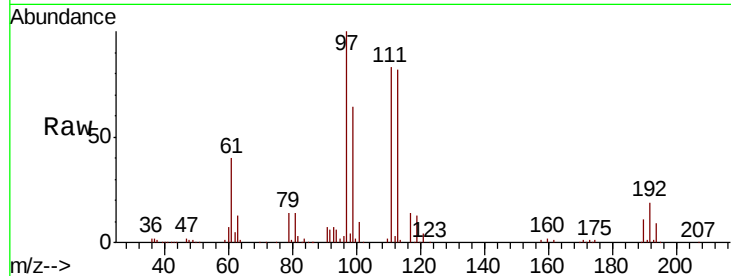
#35
Dibromofluoromethane
Concen: 51.706 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.8	82.2	123.2	
192	23.8	19.0	28.6	

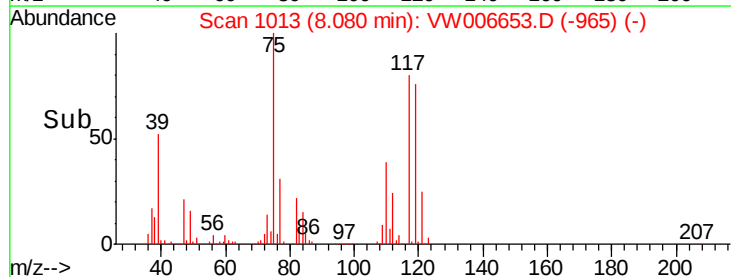
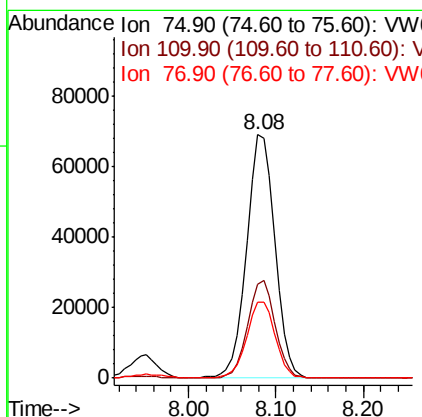
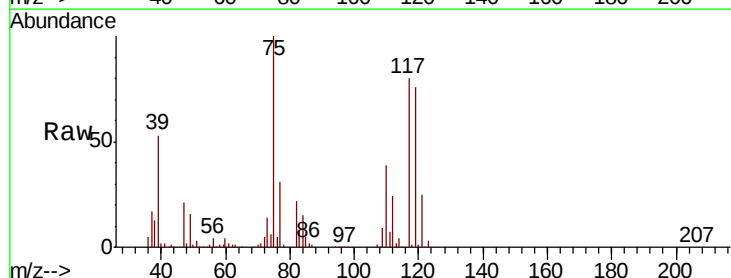
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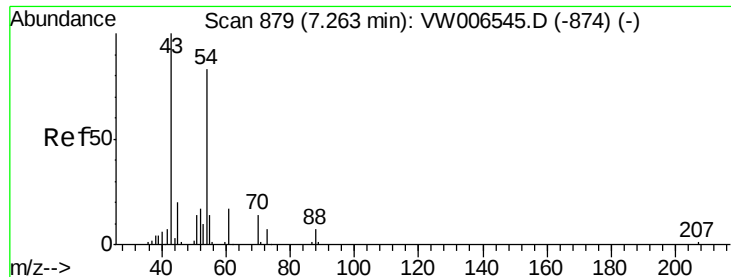
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#36
1,1-Dichloropropene
Concen: 54.129 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.8	19.5	58.5	
77	31.6	24.6	37.0	





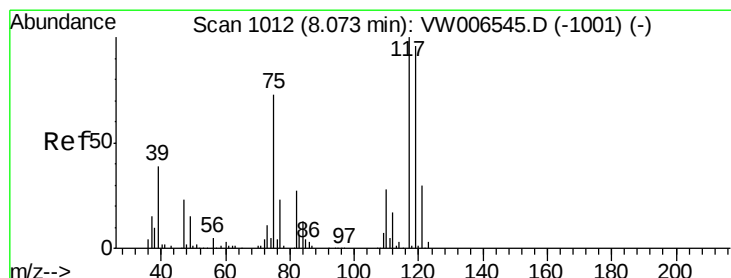
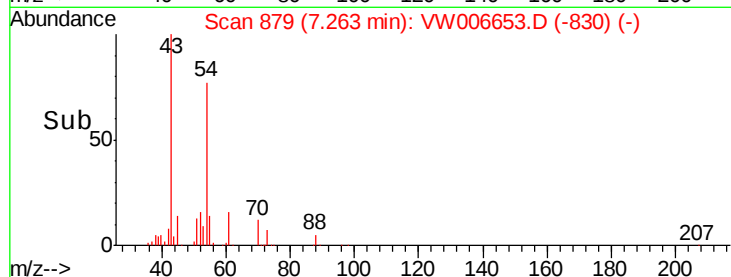
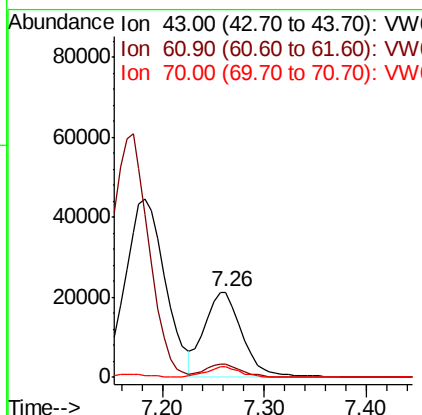
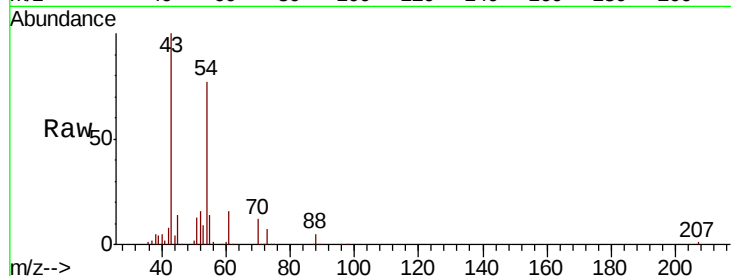
#37
Ethyl Acetate
Concen: 54.944 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	11.2	9.8	14.6

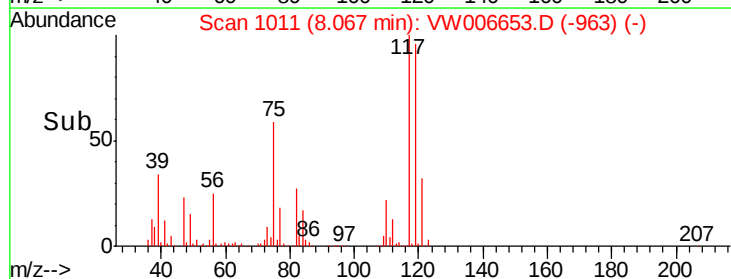
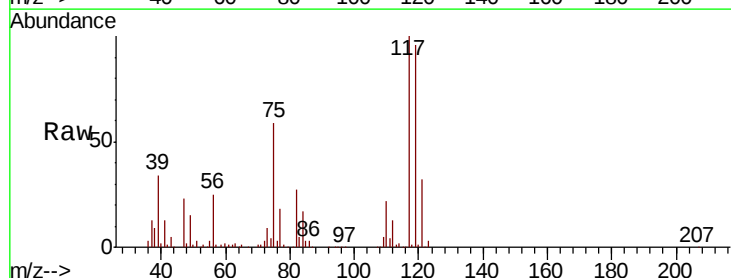
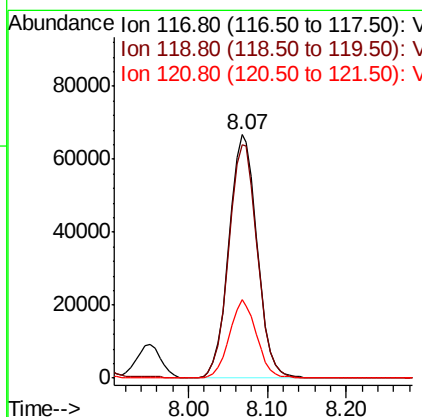
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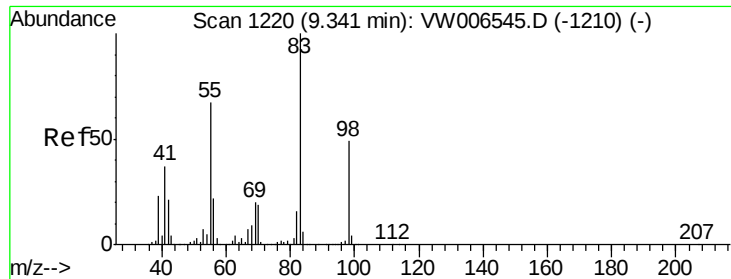
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#38
Carbon Tetrachloride
Concen: 55.277 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
121	32.3	24.1	36.1





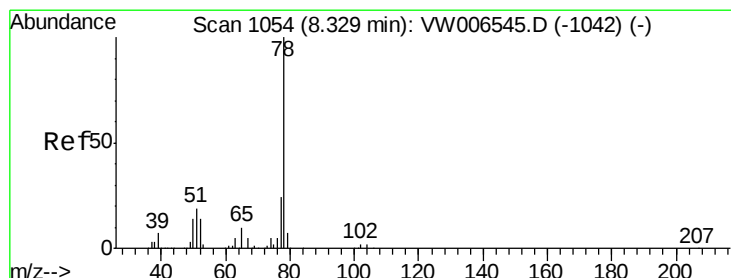
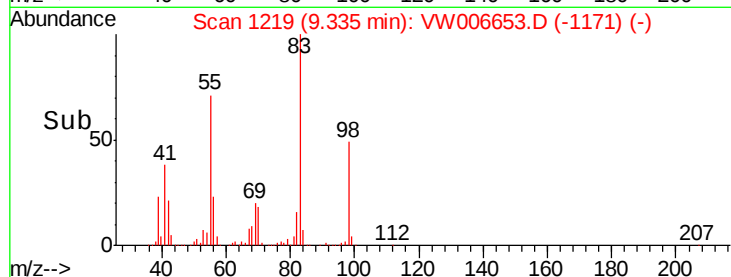
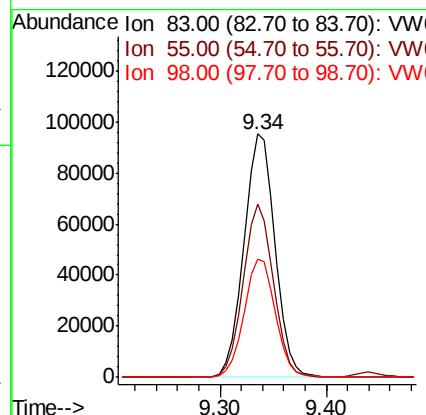
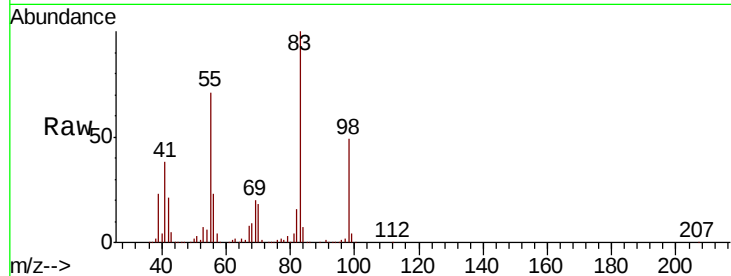
#39
Methvlcvclohexane
Concen: 53.711 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.0	53.7	80.5
98	48.7	39.2	58.8

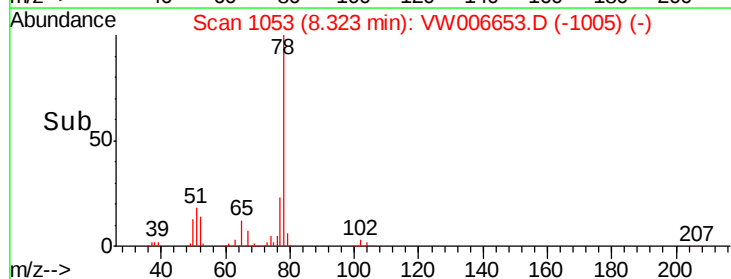
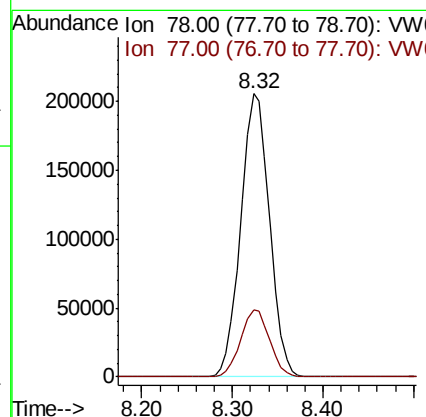
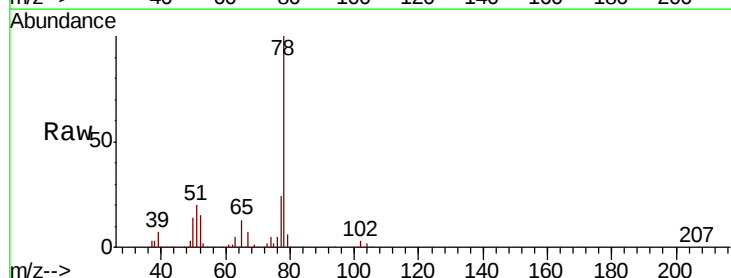
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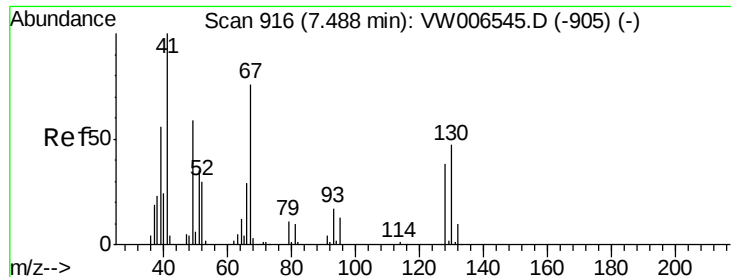
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#40
Benzene
Concen: 55.281 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





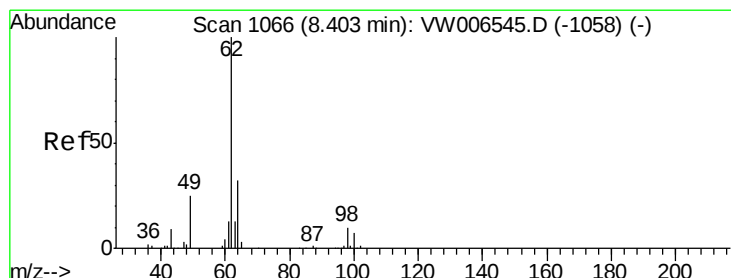
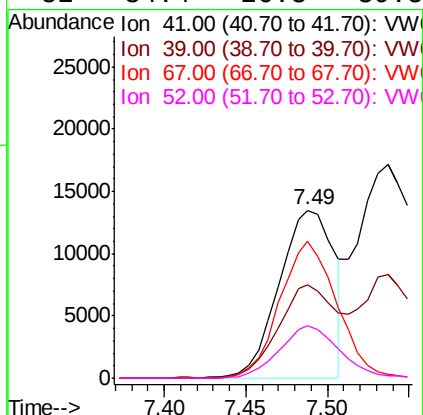
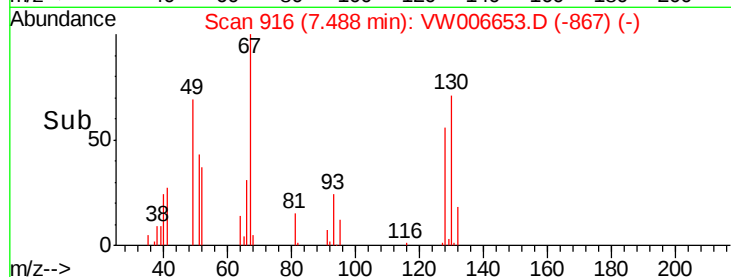
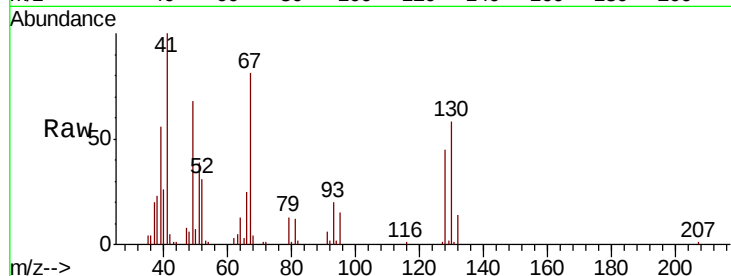
#41
Methacrylonitrile
Concen: 51.627 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	31534
Ion	Ratio	Lower	Upper
41	100		
39	61.6	44.5	66.7
67	84.7	63.8	95.8
52	34.4	26.3	39.5

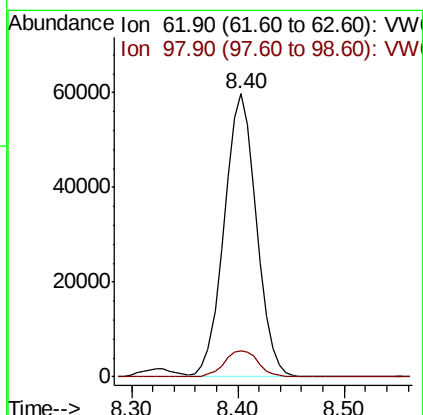
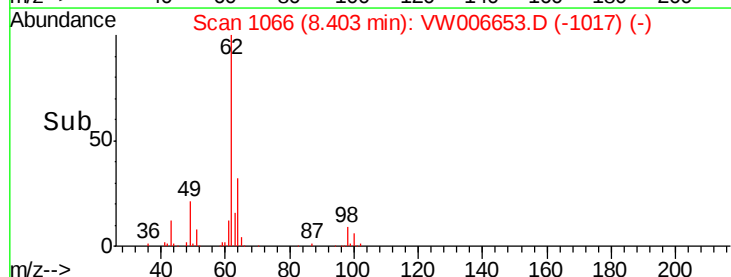
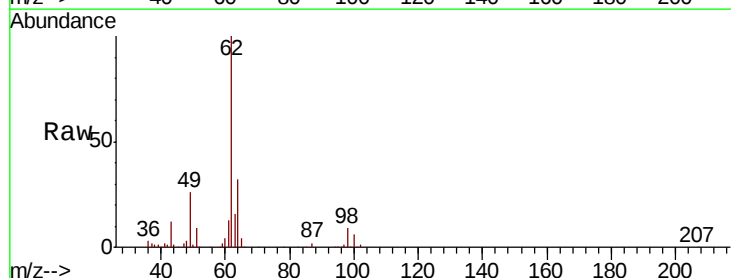
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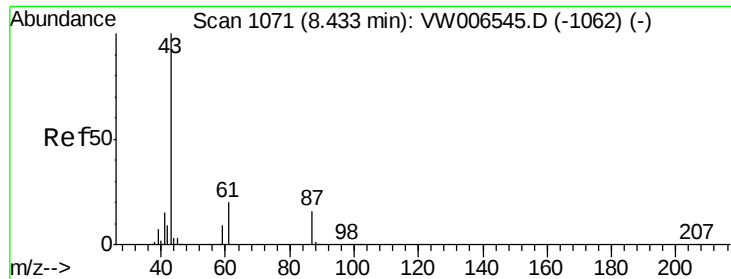
apatel
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#42
1,2-Dichloroethane
Concen: 53.982 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion:	62	Resp:	126394
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.8





#43

Isopropyl Acetate

Concen: 54.777 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

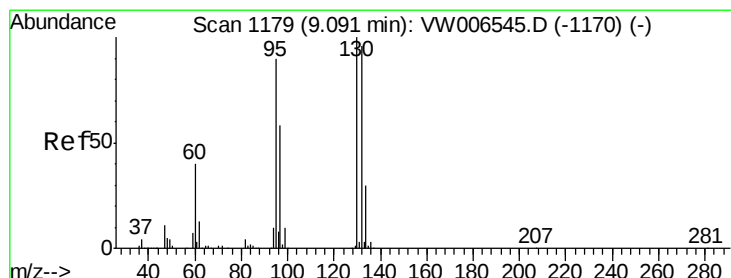
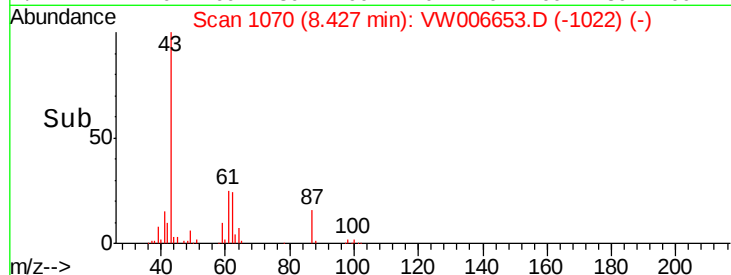
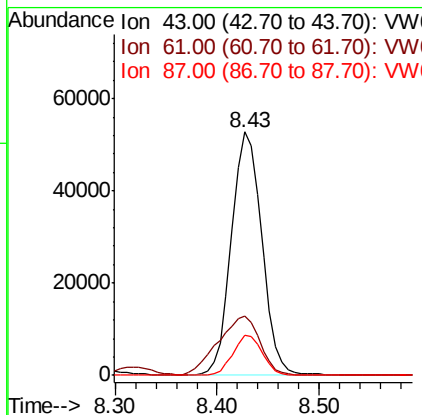
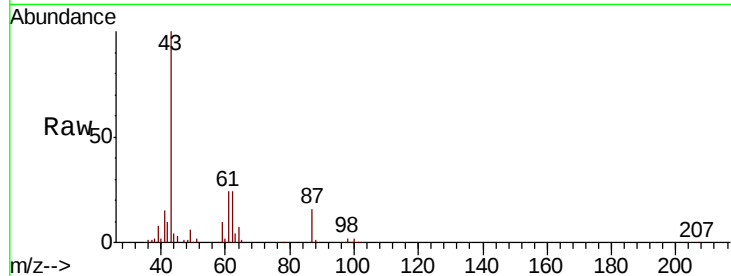
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	108880
Ion	Ratio	Lower	Upper
43	100		
61	33.5	27.2	40.8
87	15.8	12.9	19.3

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#44

Trichloroethene

Concen: 54.135 ug/l

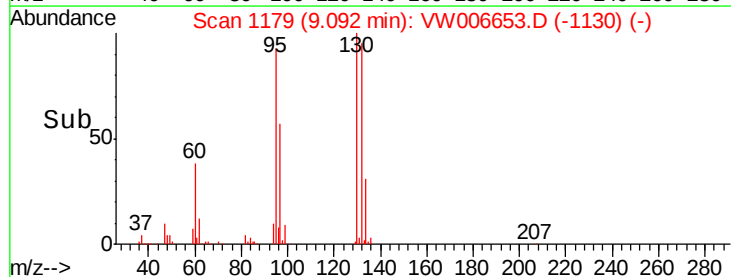
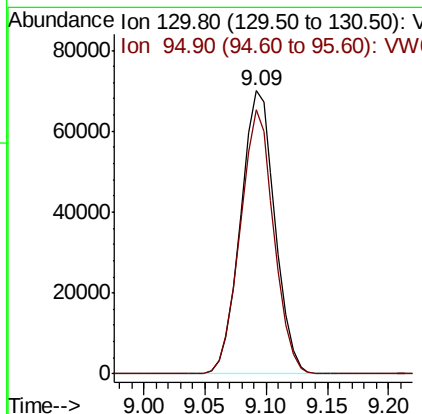
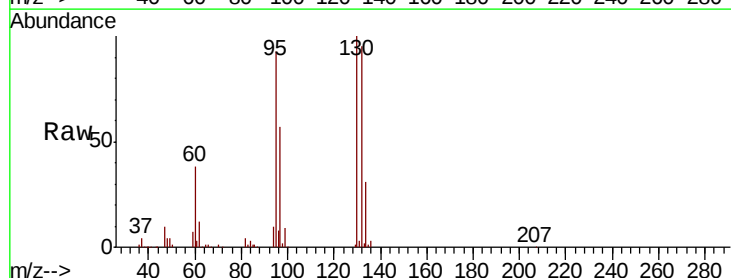
RT: 9.09 min Scan# 1179

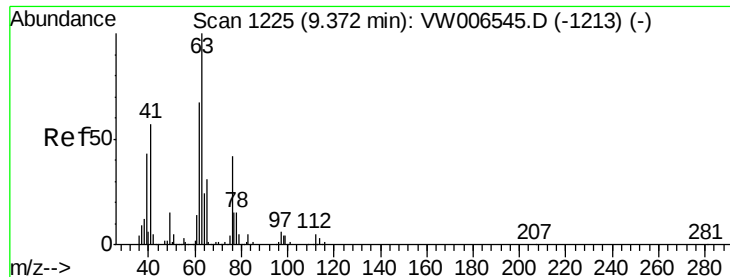
Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Tgt Ion:	130	Resp:	136388
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	179.2





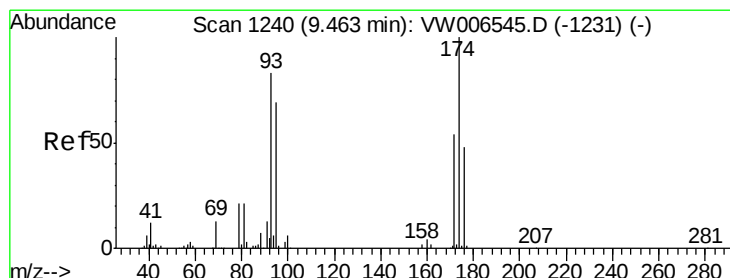
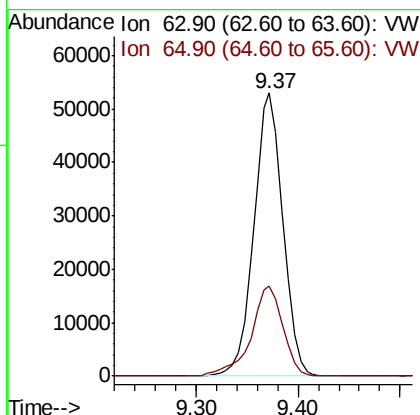
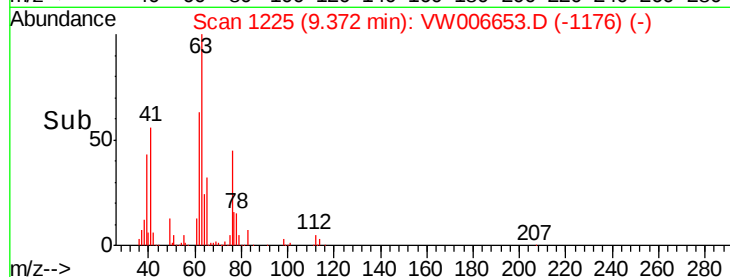
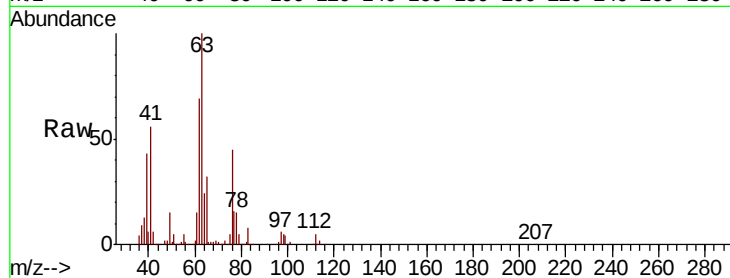
#45
 1,2-Dichloropropane
 Concen: 55.144 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.1	37.7

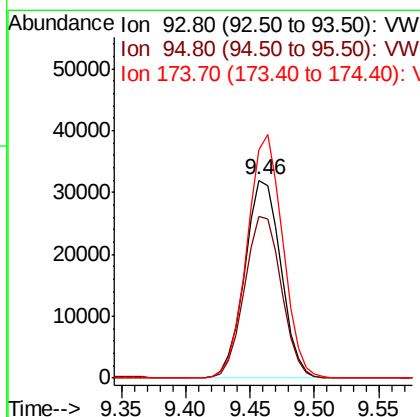
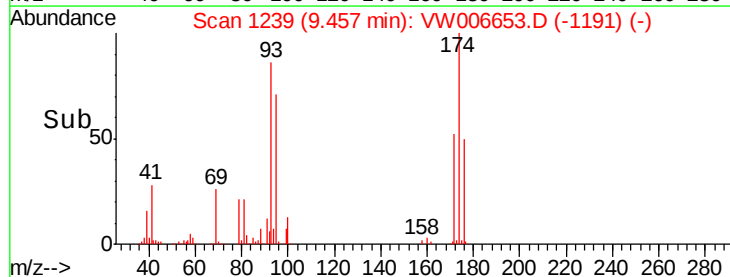
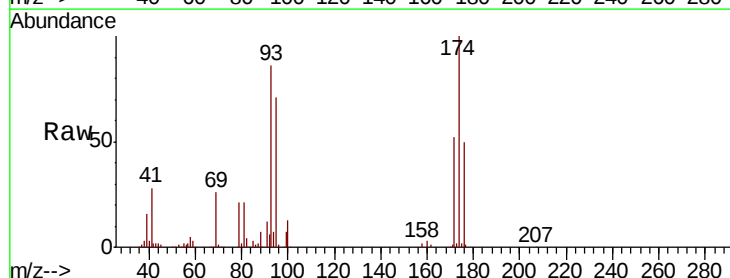
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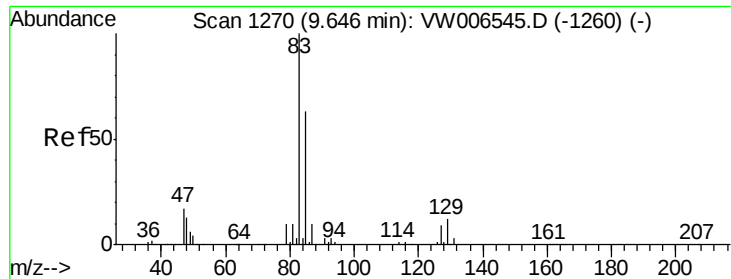
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#46
 Dibromomethane
 Concen: 55.619 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.2	100.8
174	121.0	97.3	145.9





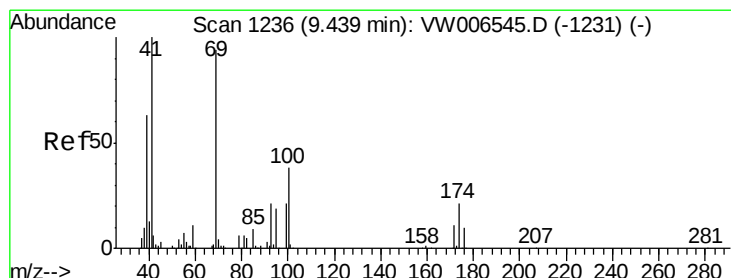
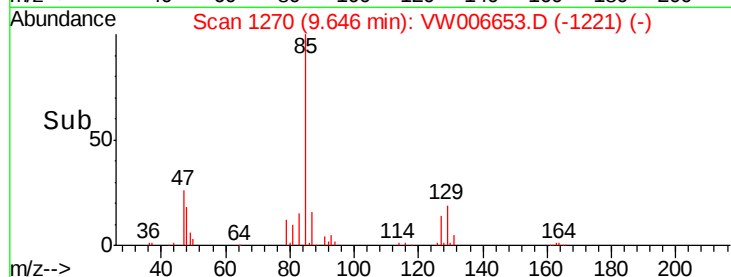
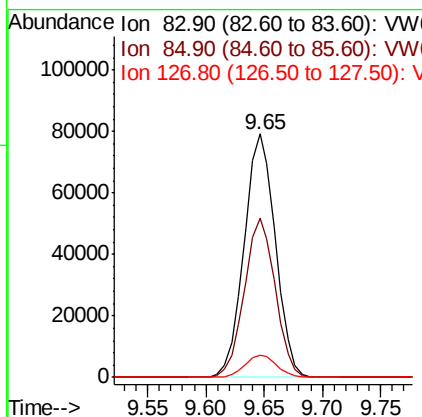
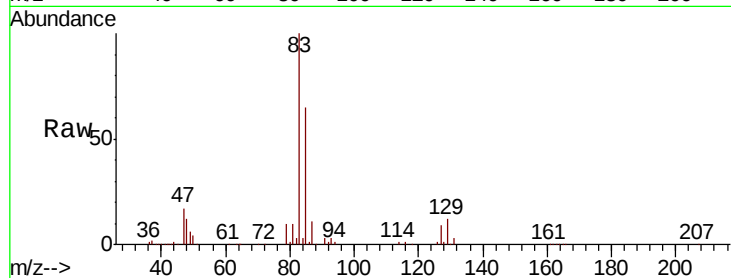
#47
Bromodichloromethane
Concen: 57.202 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.4	50.6	75.8	
127	9.1	7.5	11.3	

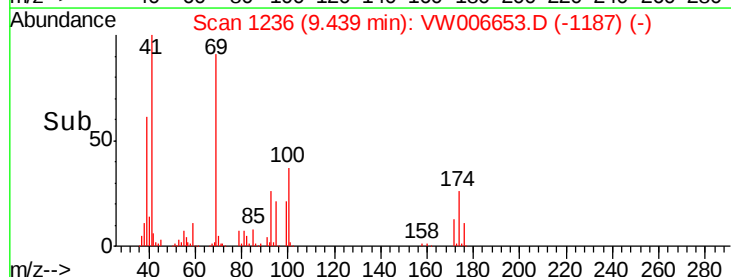
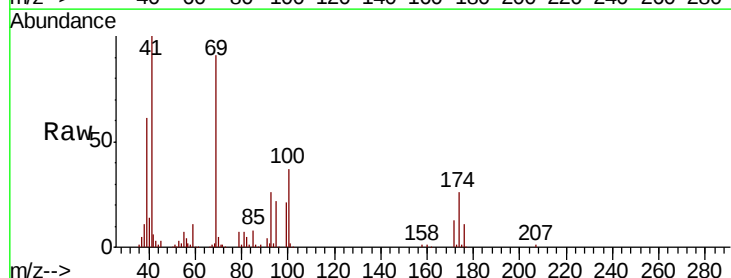
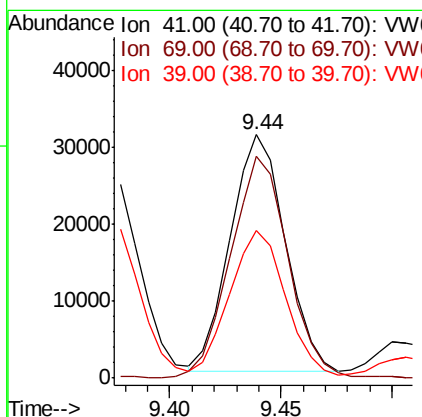
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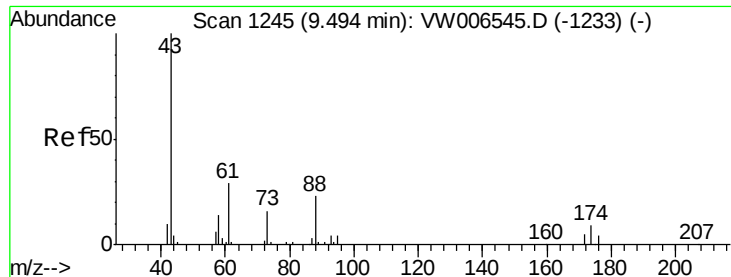
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#48
Methyl methacrylate
Concen: 55.202 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	98.6	77.8	116.8	
39	63.8	48.7	73.1	





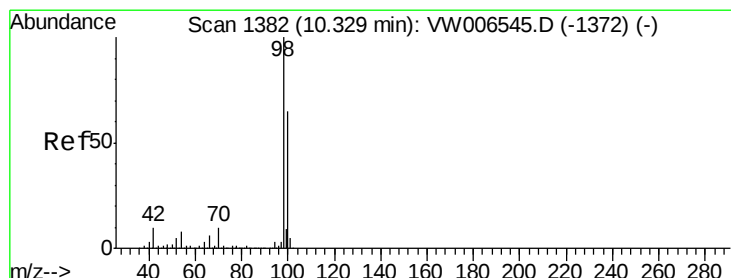
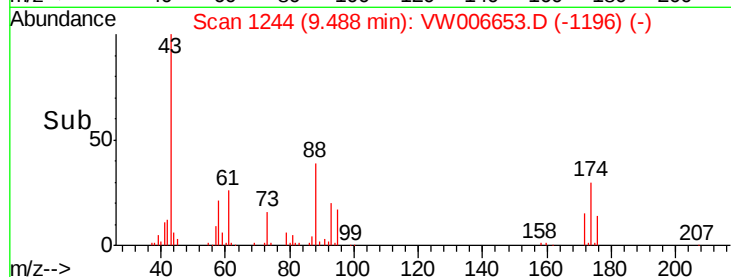
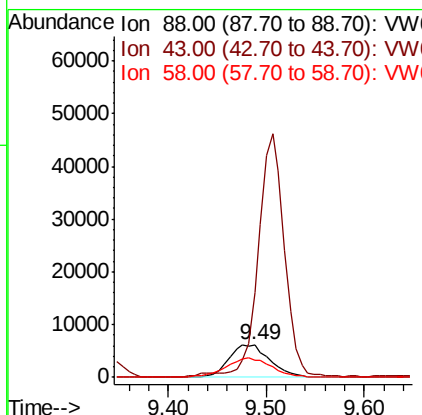
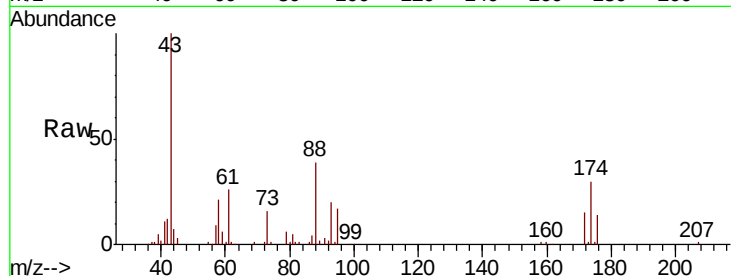
#49
1,4-Dioxane
Concen: 1108.988 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	18127
Ion Ratio	Lower	Upper	
88	100		
43	0.0	356.6	534.8#
58	65.4	51.4	77.2

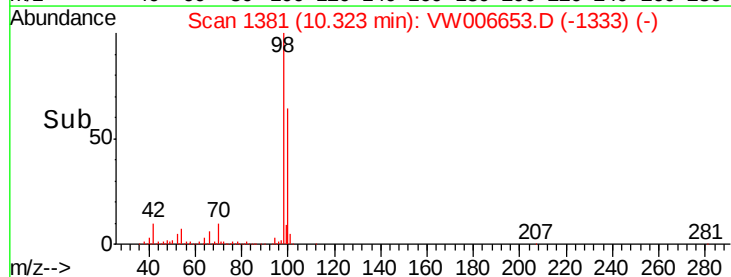
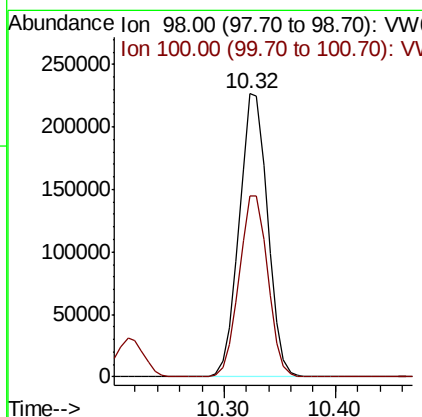
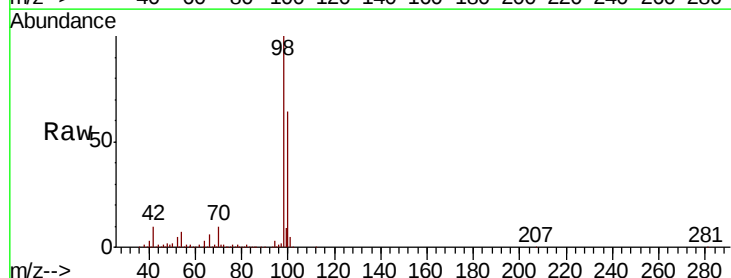
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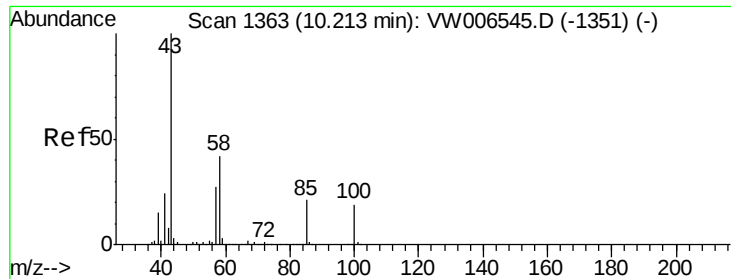
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#50
Toluene-d8
Concen: 51.340 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	98	Resp	400906
Ion Ratio	Lower	Upper	
98	100		
100	64.7	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 279.986 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 285825

Ion Ratio Lower Upper

43 100

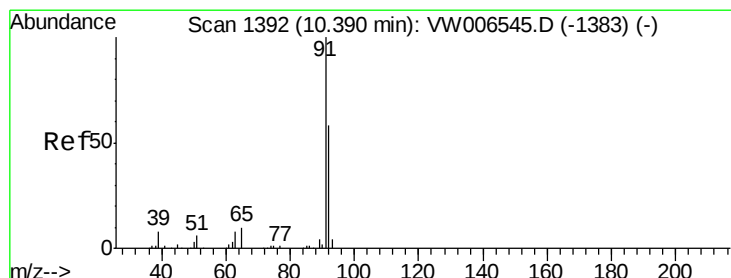
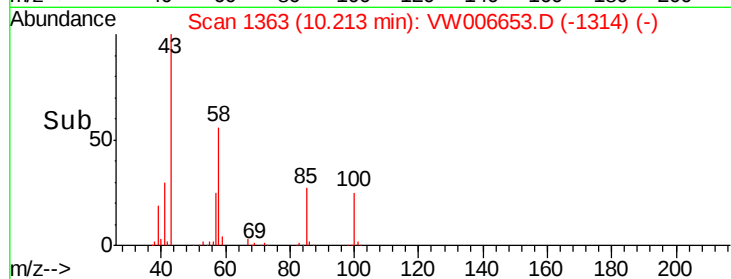
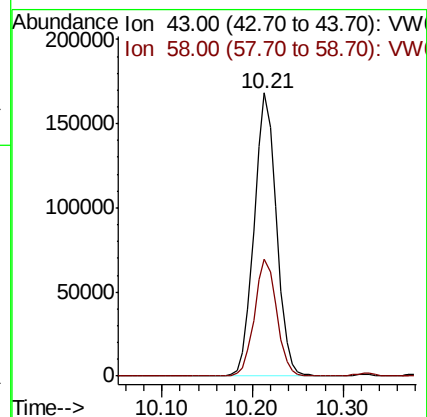
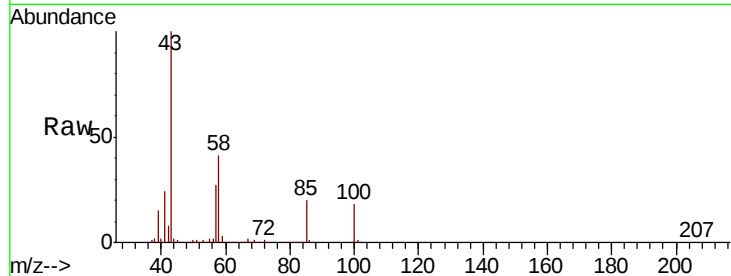
58 41.4 33.4 50.0

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#52

Toluene

Concen: 54.473 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006653.D

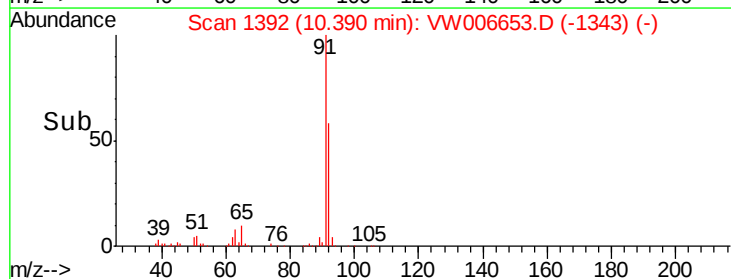
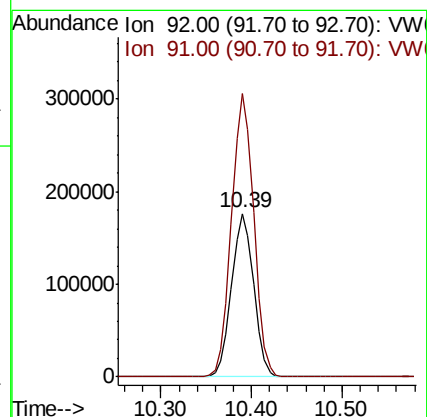
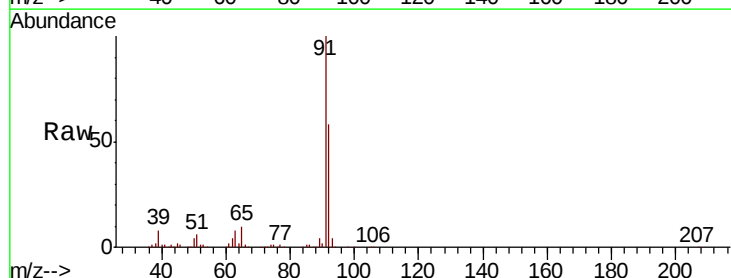
Acq: 05 Nov 2018 23:52

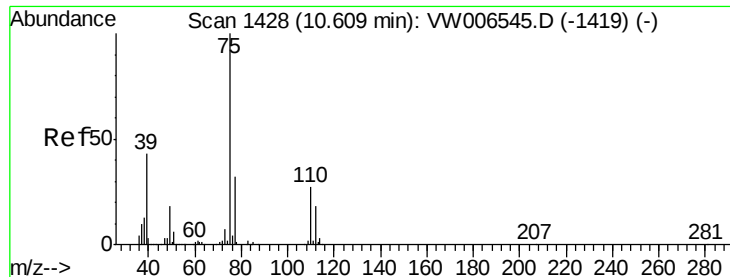
Tgt Ion: 92 Resp: 298294

Ion Ratio Lower Upper

92 100

91 174.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 57.044 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 142374

Ion Ratio Lower Upper

75 100

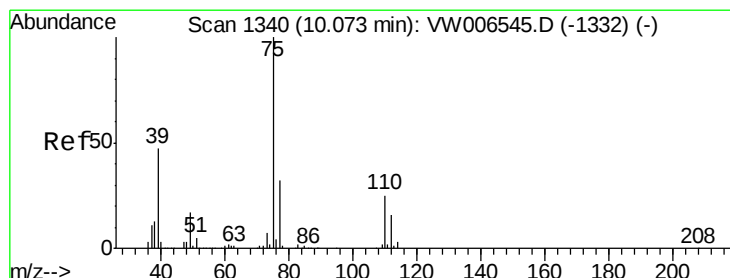
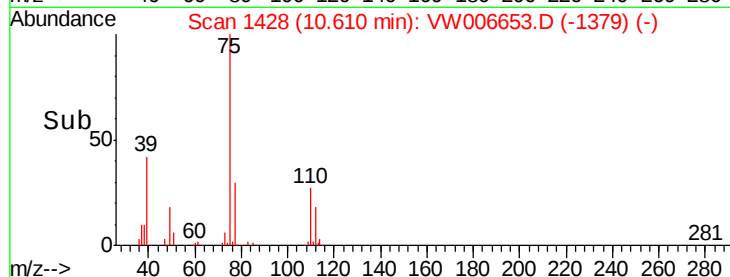
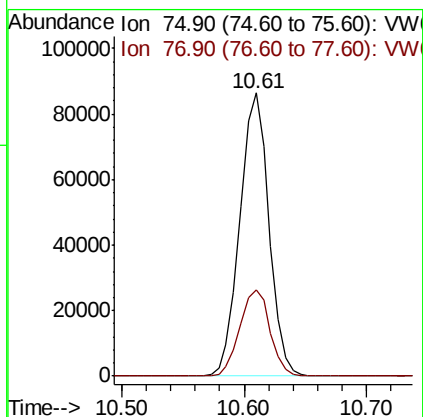
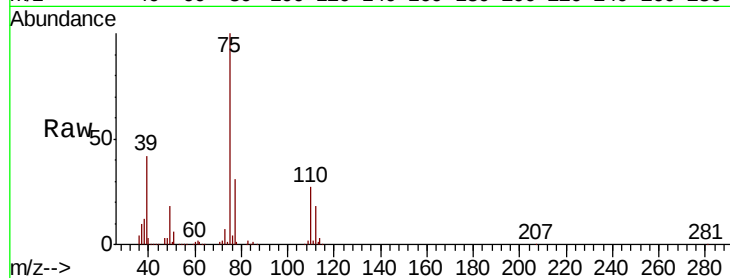
77 30.6 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 56.334 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

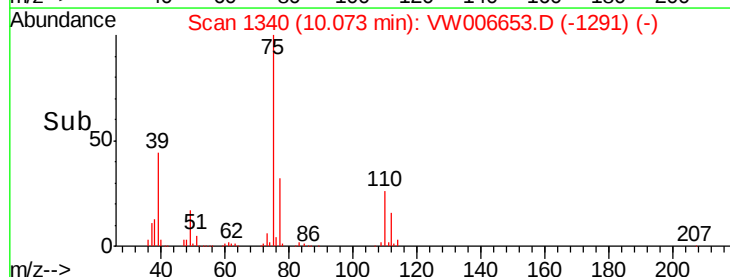
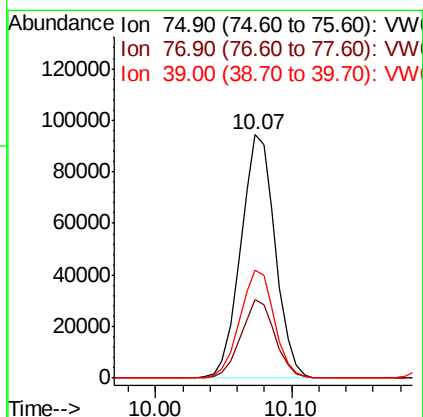
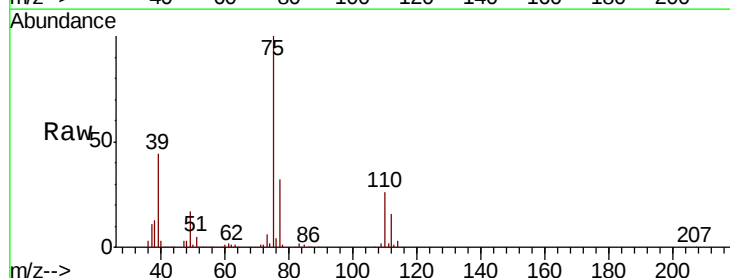
Tgt Ion: 75 Resp: 166149

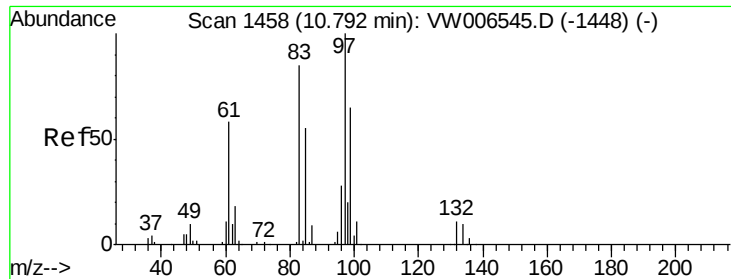
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

39 44.2 37.3 55.9





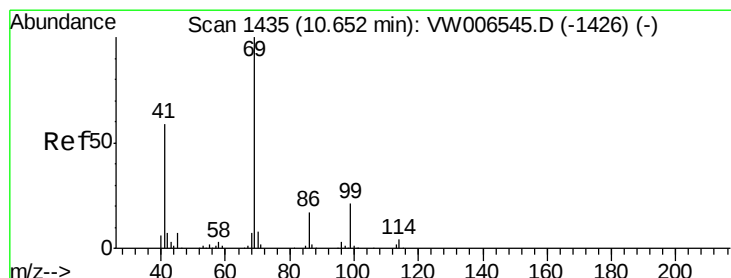
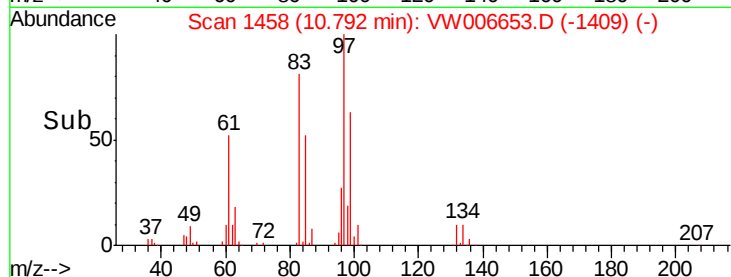
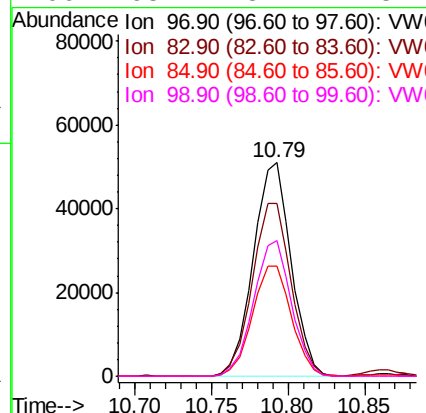
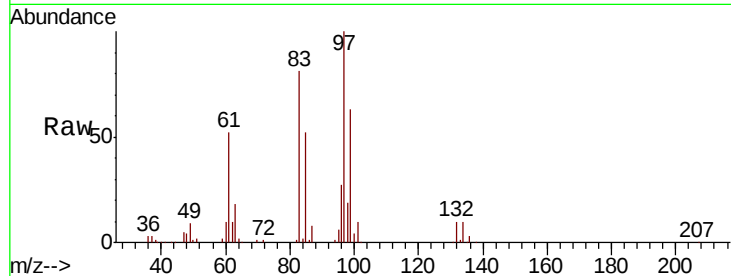
#55
 1,1,2-Trichloroethane
 Concen: 55.447 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.9	101.9
85	51.8	44.0	66.0
99	63.4	52.2	78.2

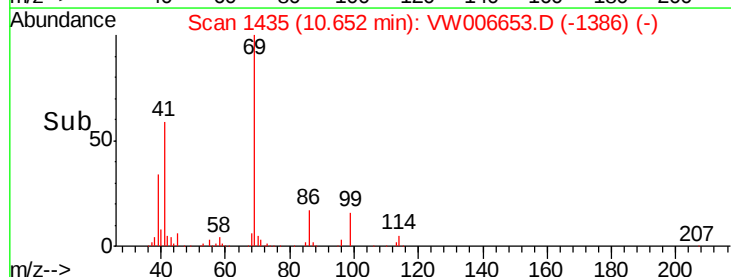
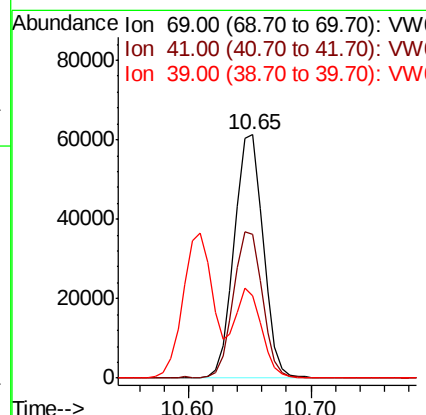
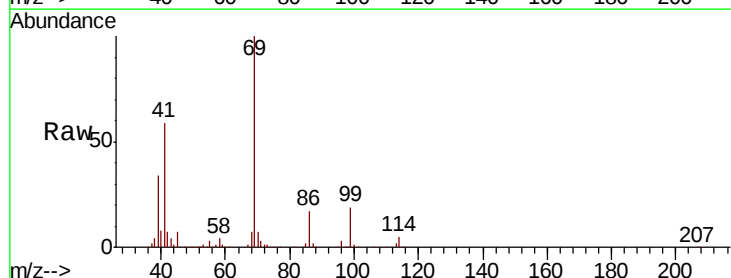
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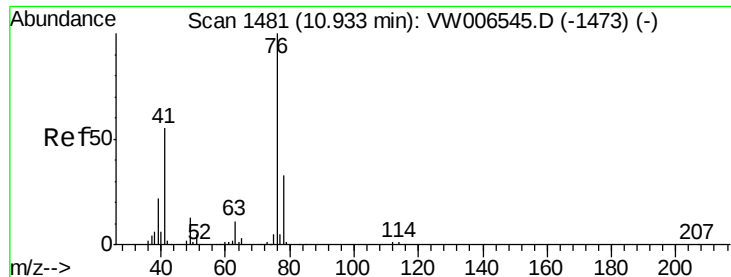
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#56
 Ethyl methacrylate
 Concen: 55.819 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.4	71.2
39	34.3	25.3	37.9





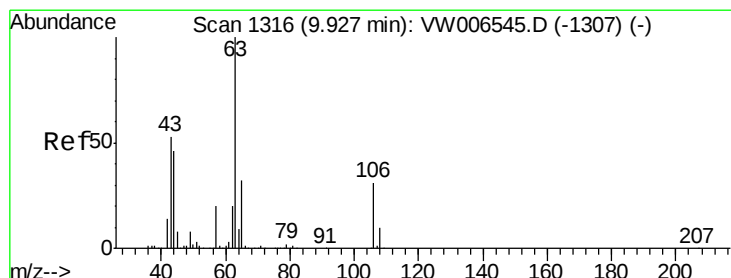
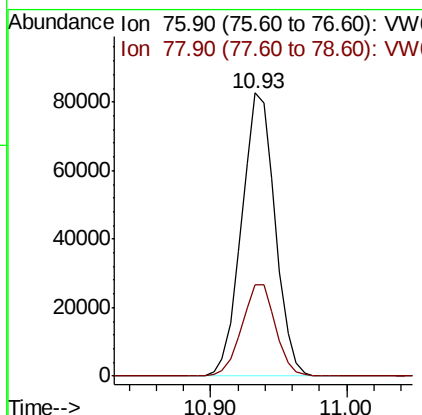
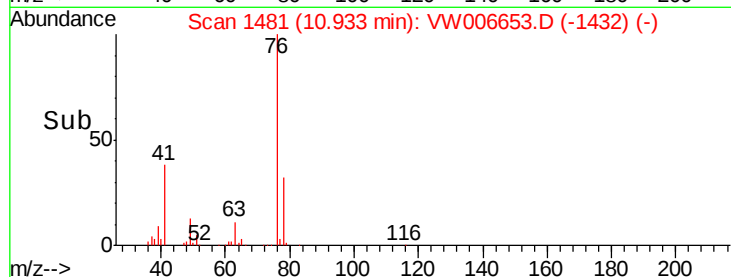
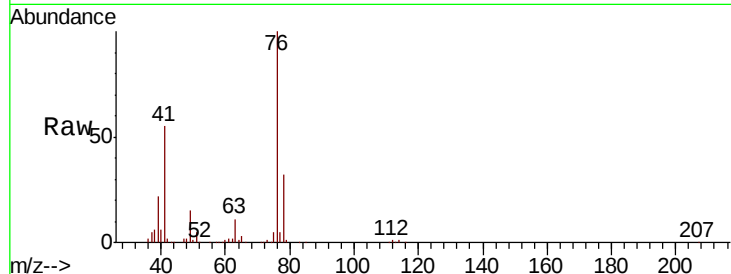
#57
 1,3-Dichloropropane
 Concen: 55.300 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 142302
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4

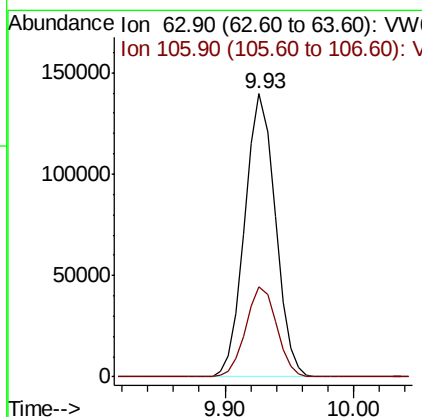
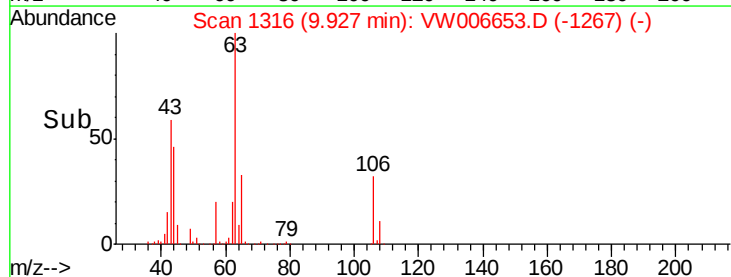
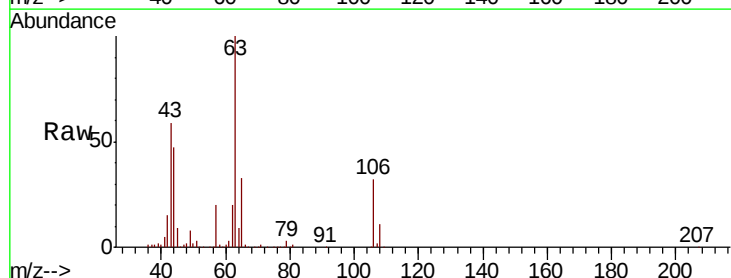
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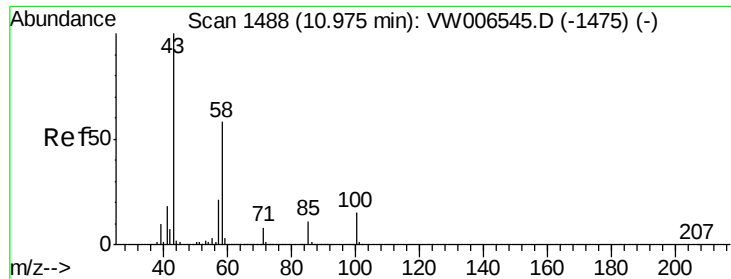
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.295 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Tgt Ion: 63 Resp: 229657
 Ion Ratio Lower Upper
 63 100
 106 32.0 25.4 38.2





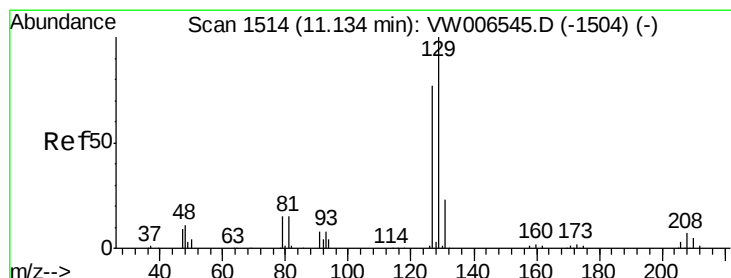
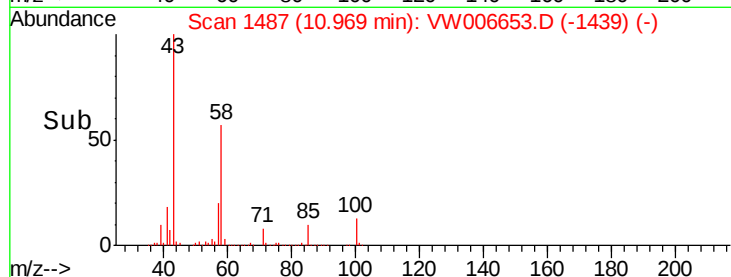
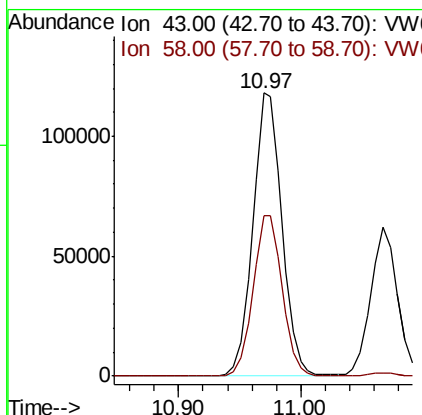
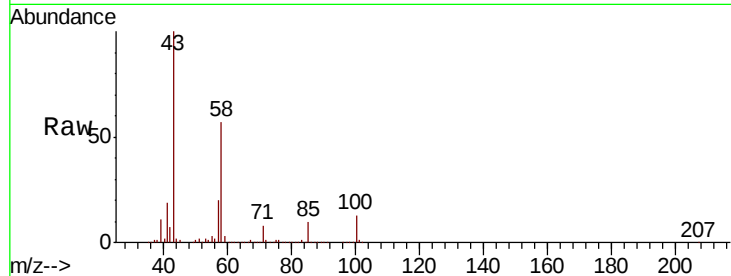
#59
2-Hexanone
Concen: 281.753 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43.00	Resp	195355
Ion Ratio	43	100	
Lower	58	56.9	28.8
Upper			86.4

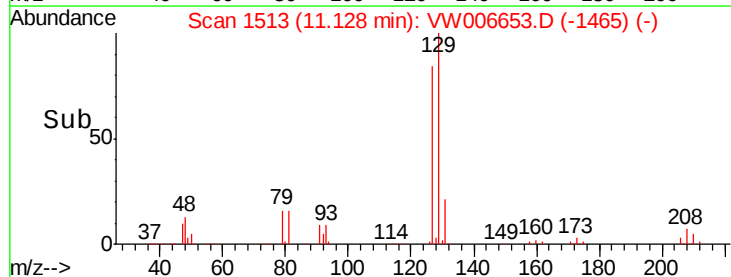
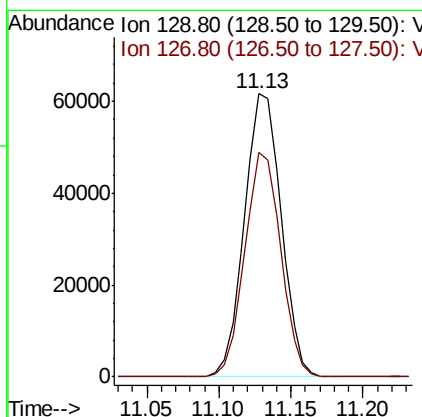
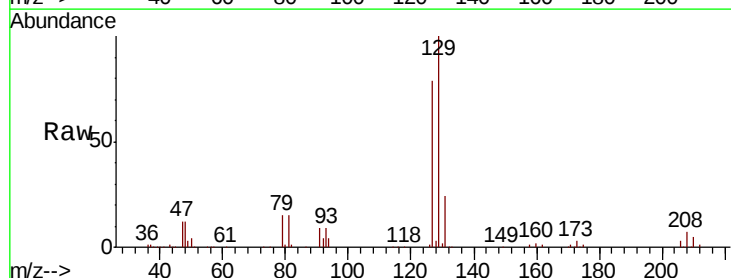
Manual Integrations
APPROVED

apatel
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#60
Dibromochloromethane
Concen: 58.116 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	129	Resp	109118
Ion Ratio	129	100	
Lower	127	77.7	38.8
Upper			116.3





#61

1,2-Dibromoethane

Concen: 55.013 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 86574

Ion Ratio Lower Upper

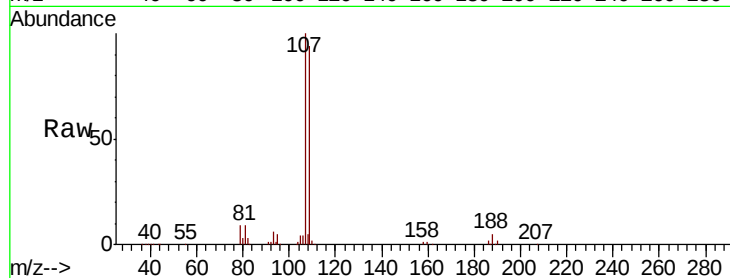
107 100

109 96.1 75.8 113.6

Manual Integrations
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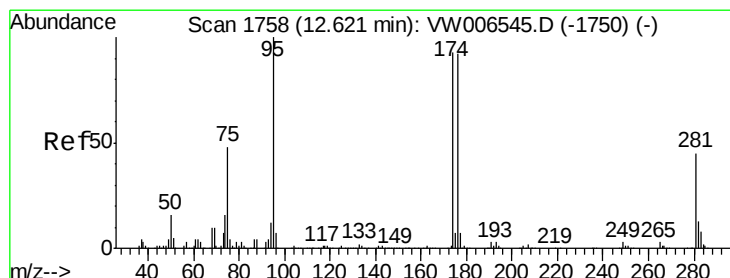
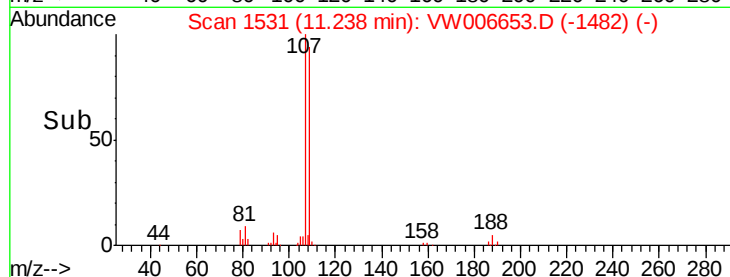
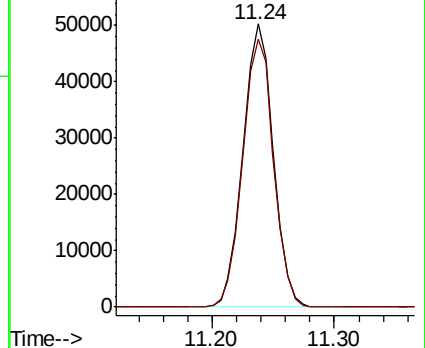
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.962 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

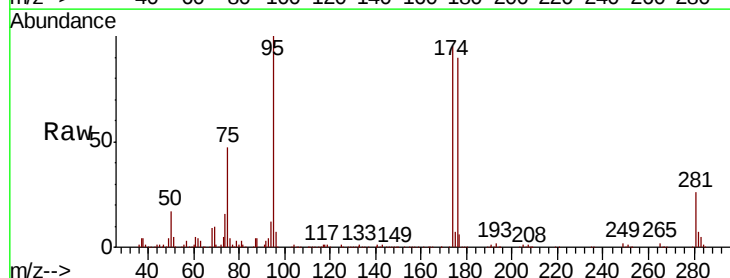
Tgt Ion: 95 Resp: 147107

Ion Ratio Lower Upper

95 100

174 97.6 0.0 192.4

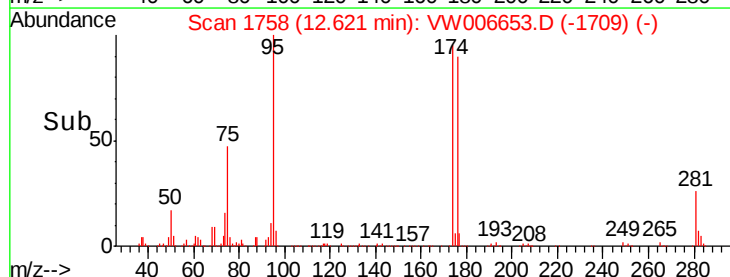
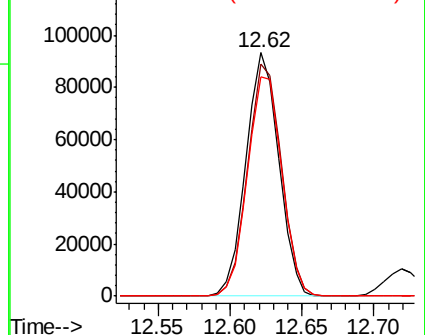
176 94.2 0.0 187.4

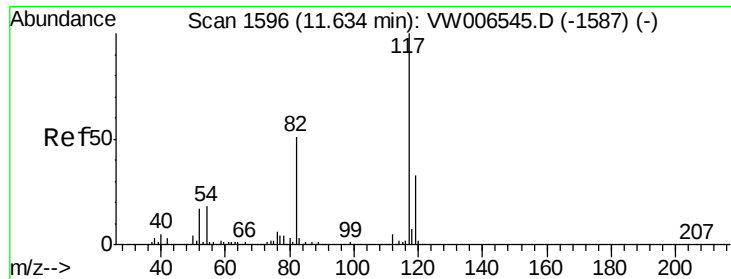


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





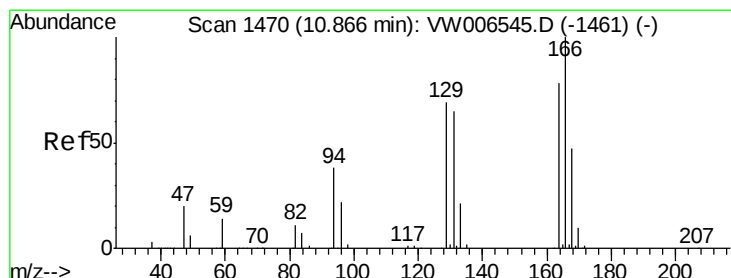
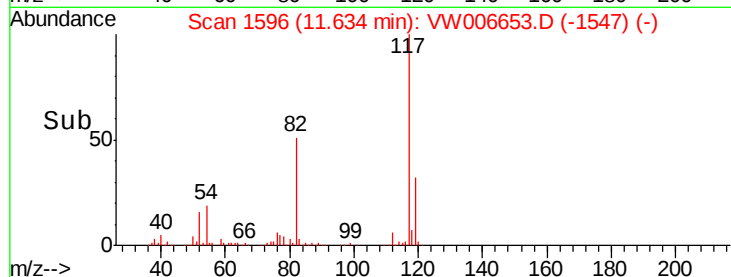
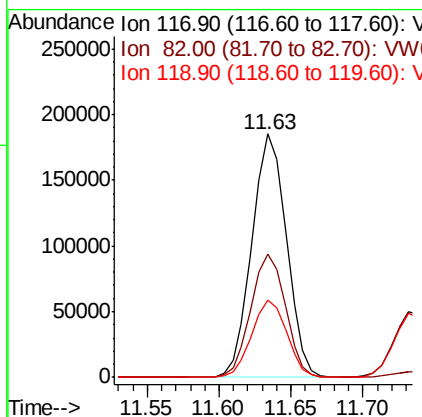
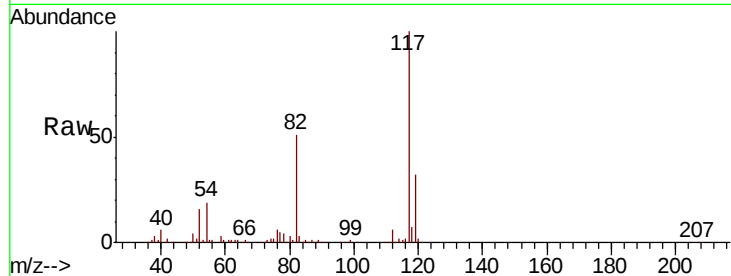
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	307703		
82	50.6		40.8	61.2
119	31.9		26.1	39.1

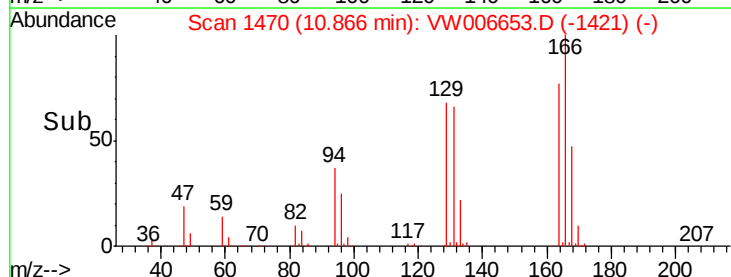
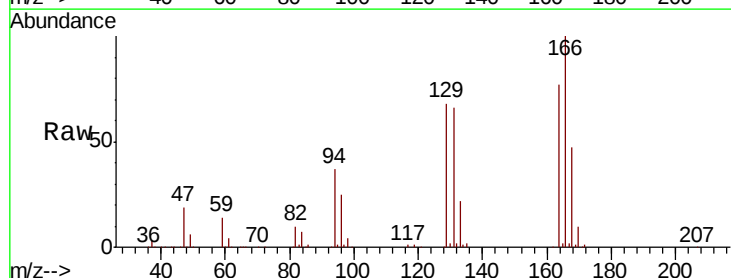
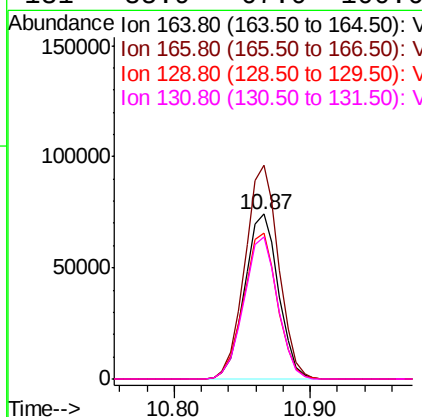
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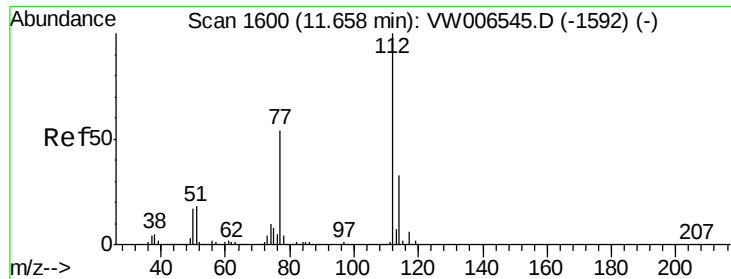
apatel
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#64
Tetrachloroethene
Concen: 52.689 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	129238		
166	129.6		102.8	154.2
129	88.7		70.9	106.3
131	85.9		67.0	100.6





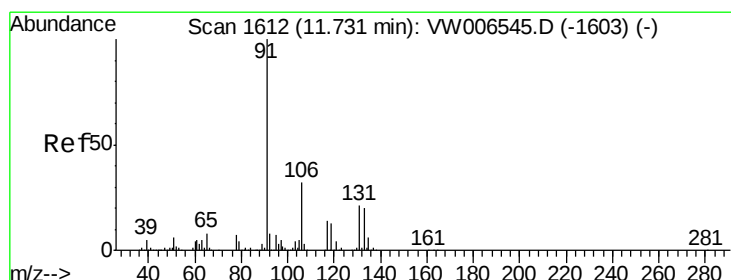
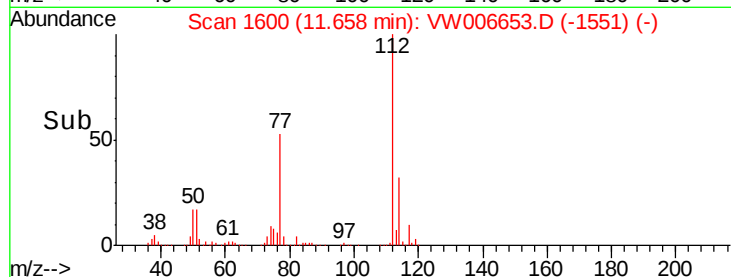
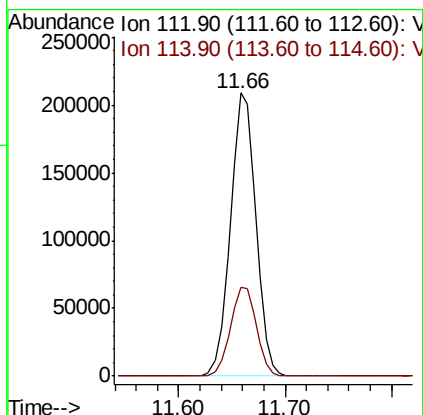
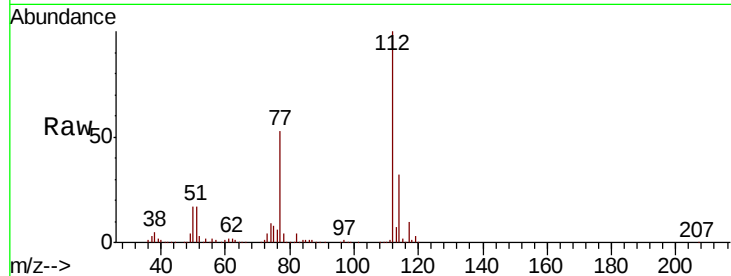
#65
Chlorobenzene
Concen: 53.993 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.2	39.2

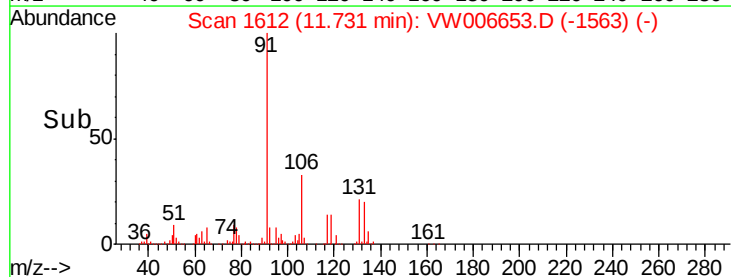
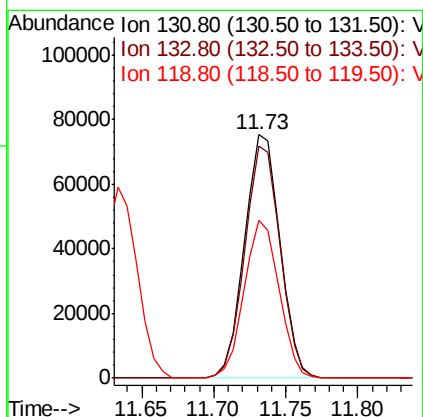
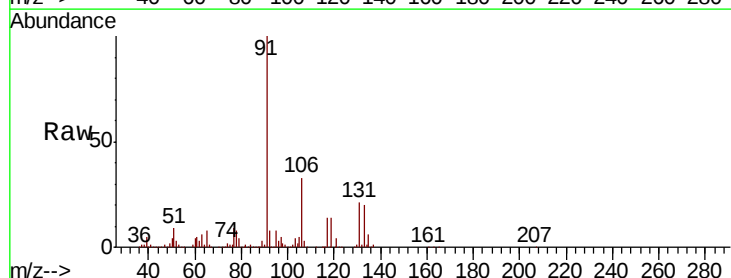
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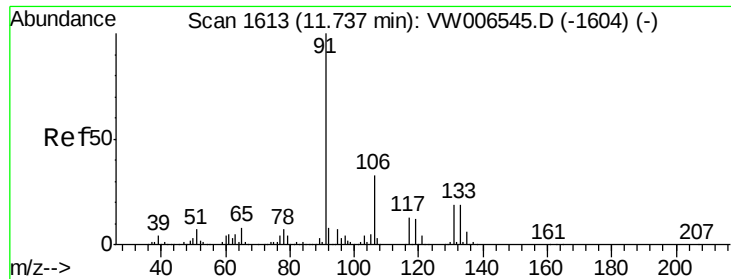
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.229 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.5	142.5
119	63.7	31.9	95.5





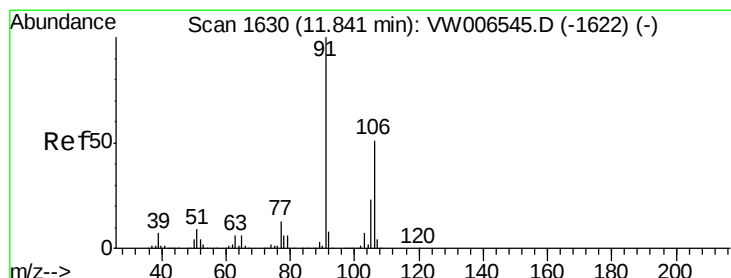
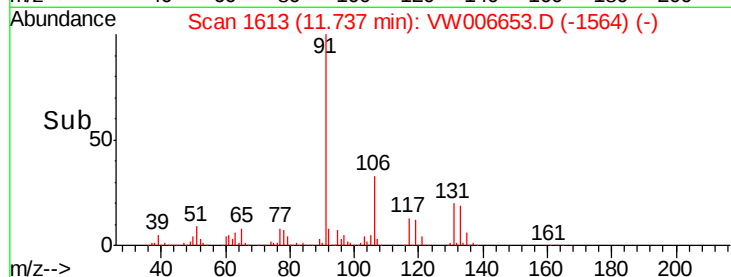
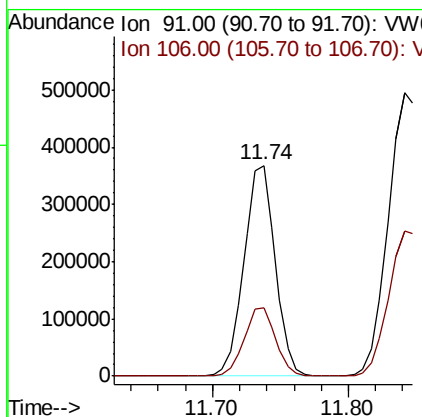
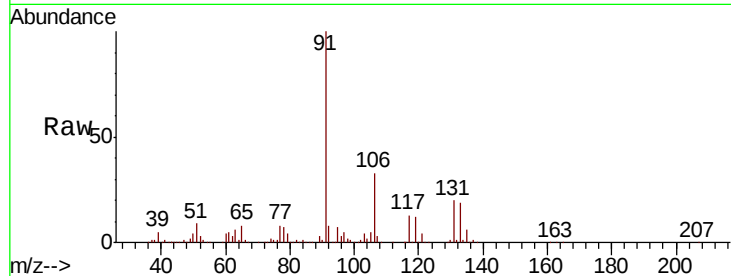
#67
Ethyl Benzene
Concen: 54.555 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.3	39.5

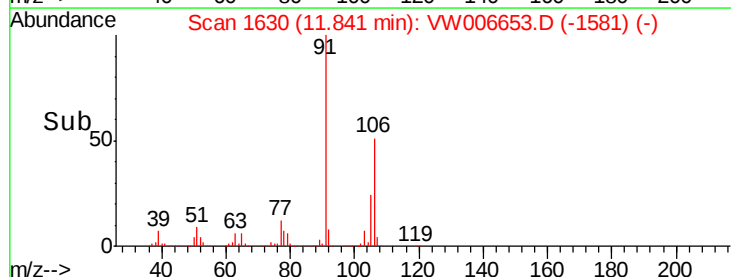
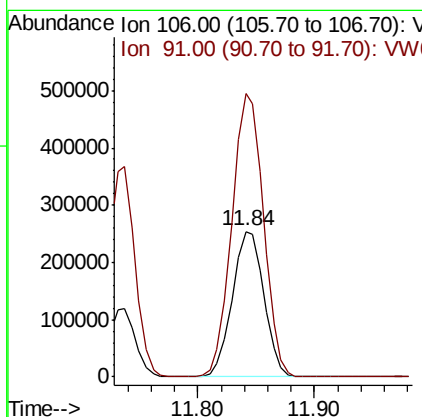
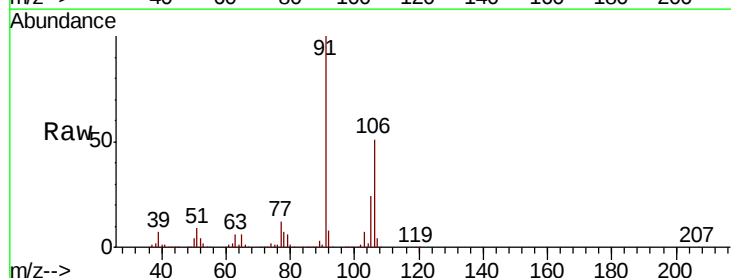
Manual Integrations
APPROVED

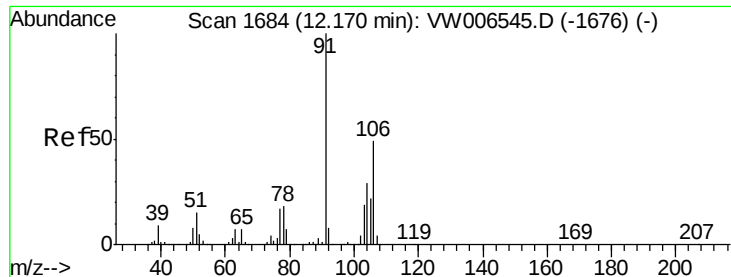
apatel
11/6/2018 8:16:07 AM



#68
m/p-Xylenes
Concen: 110.920 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.7	156.7	235.1





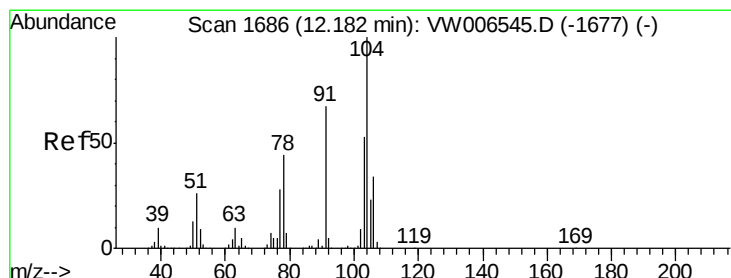
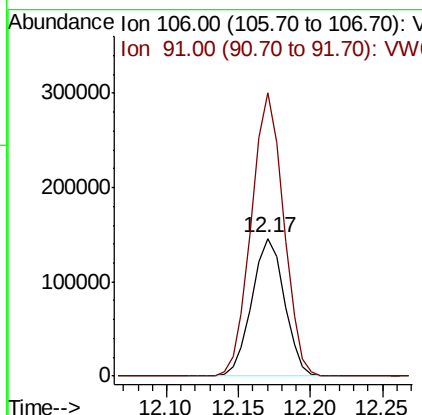
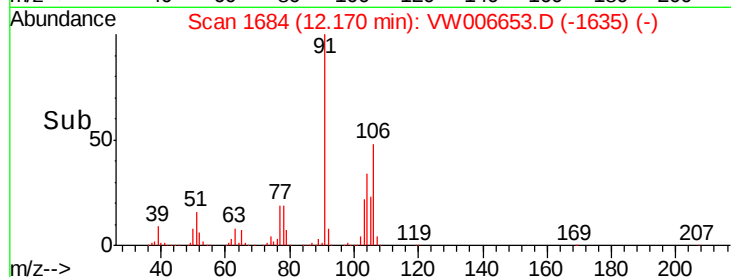
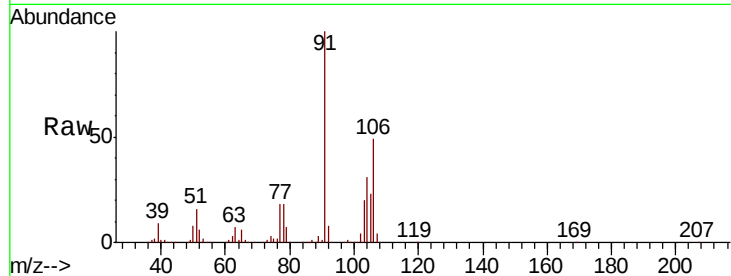
#69
o-Xylene
Concen: 55.663 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	203.5	102.8	308.4	

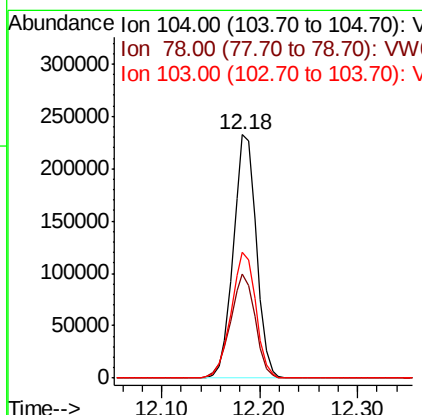
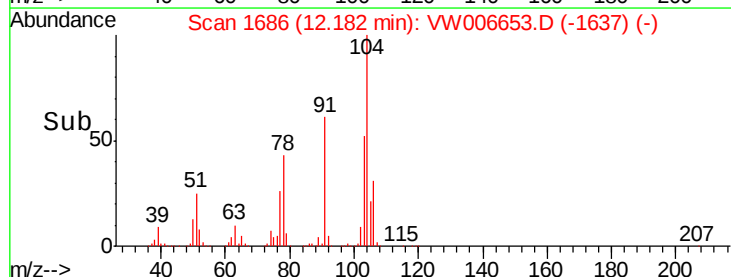
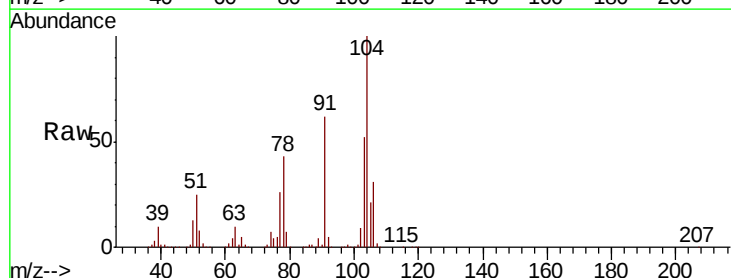
Manual Integrations
APPROVED

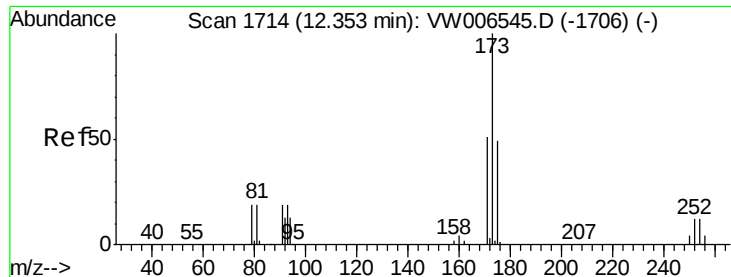
apatel
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#70
Styrene
Concen: 56.453 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	45.9	37.2	55.8	
103	55.2	44.2	66.2	





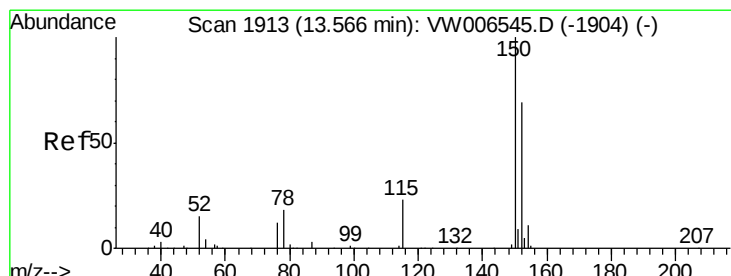
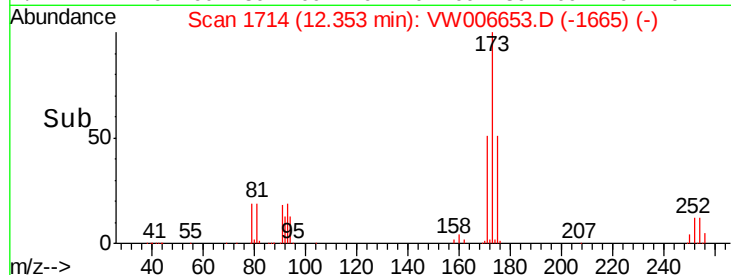
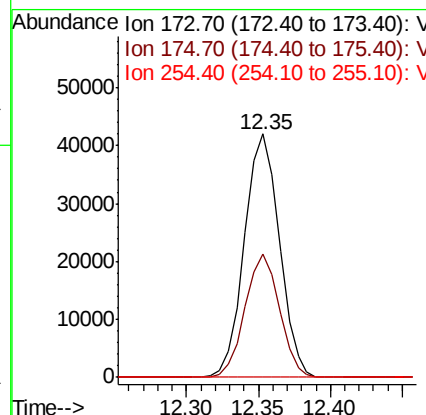
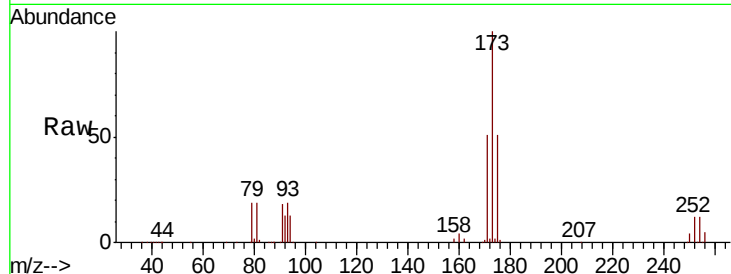
#71
Bromoform
Concen: 58.651 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.1	72.4
254	0.1	0.1	0.1#

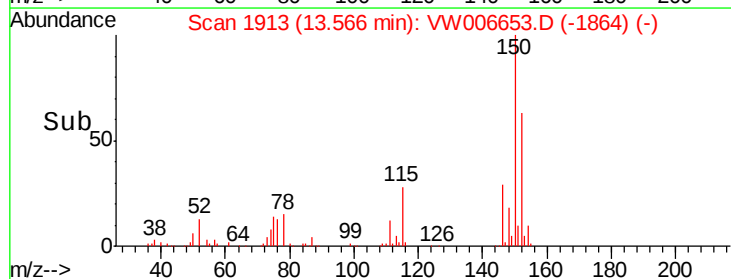
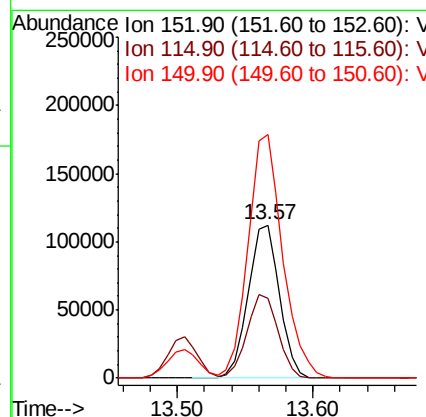
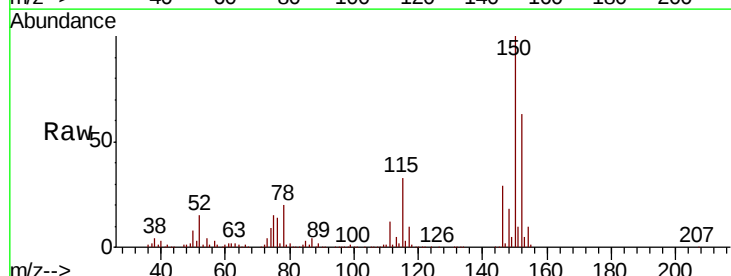
Manual Integrations
APPROVED

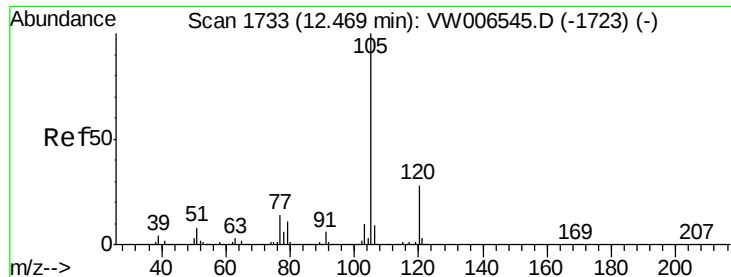
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.6	79.8
150	175.8	0.0	344.6





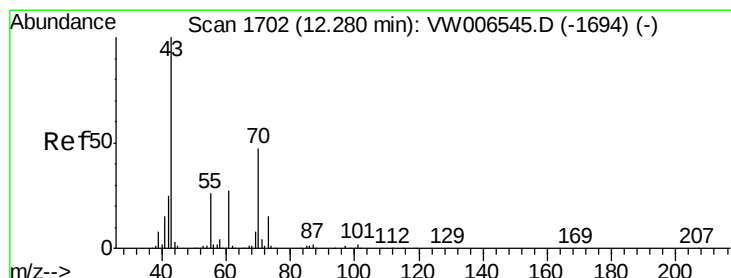
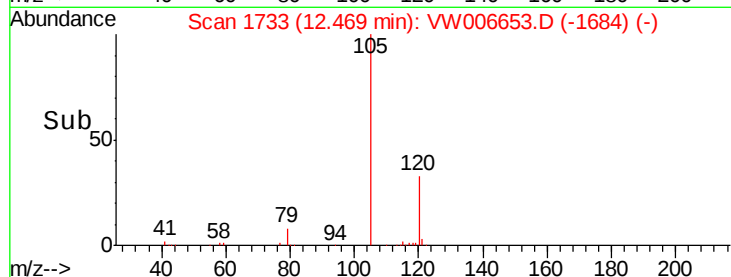
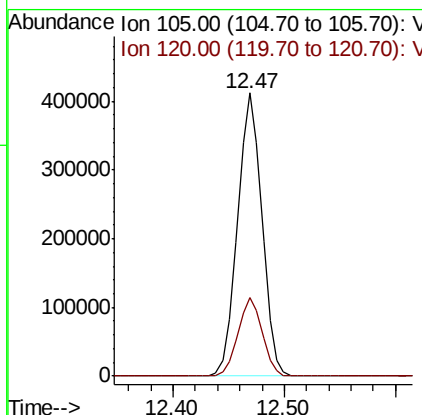
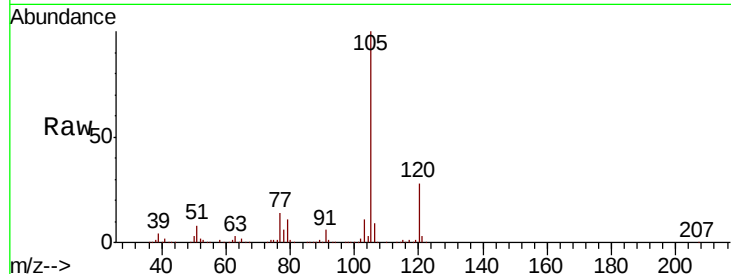
#73
Isopropylbenzene
Concen: 52.466 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.7	41.1

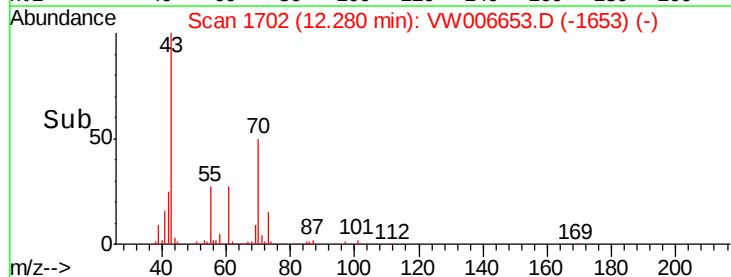
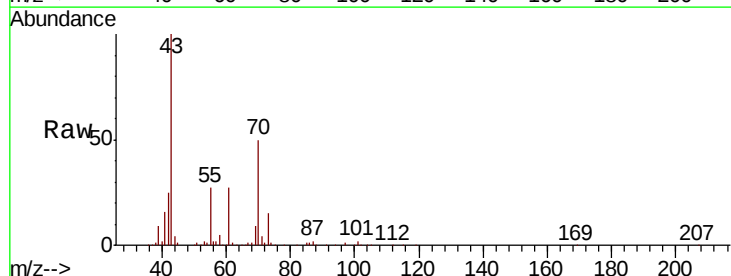
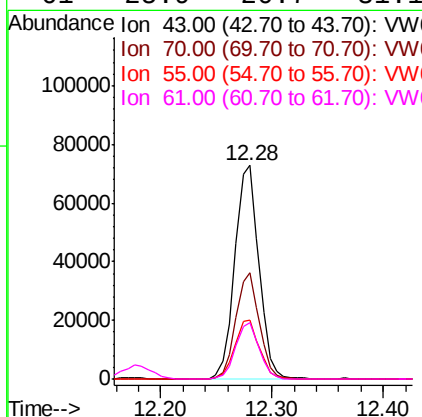
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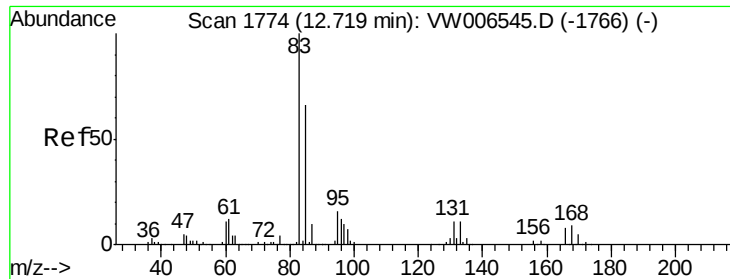
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#74
N-ethyl acetate
Concen: 53.282 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.1	36.9	55.3
55	27.8	20.7	31.1
61	25.9	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.066 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

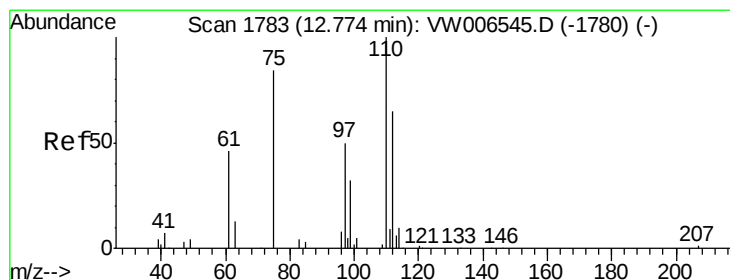
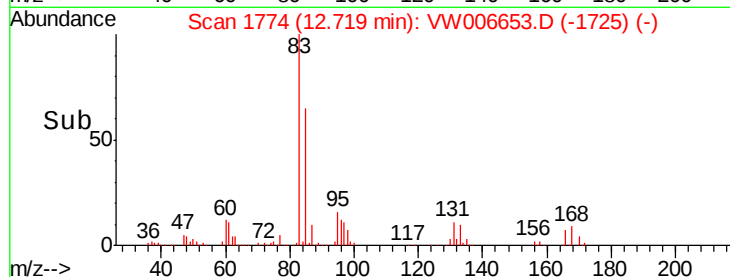
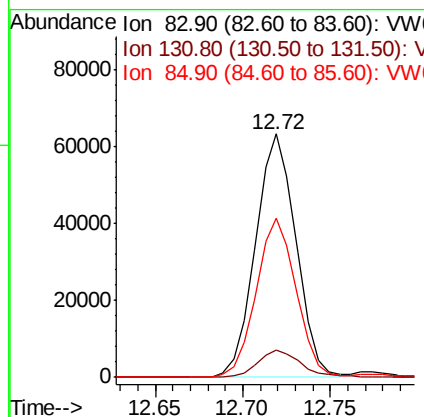
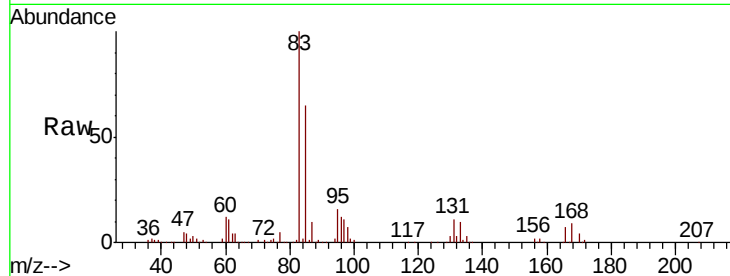
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	101577
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	64.8	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.262 ug/l m

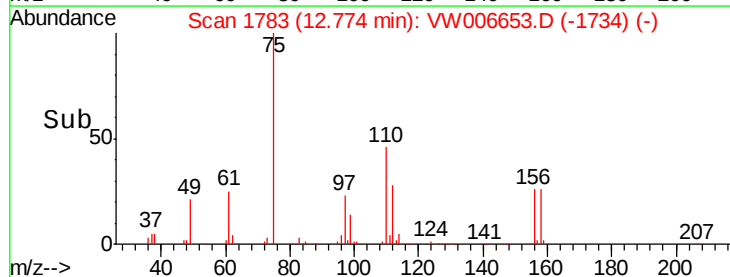
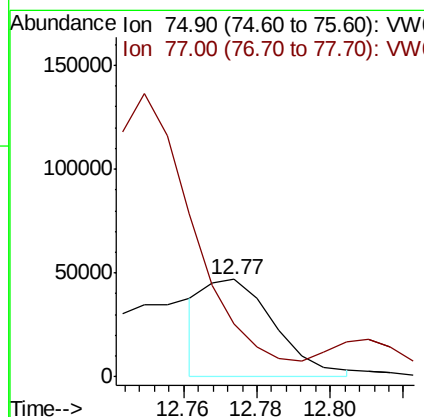
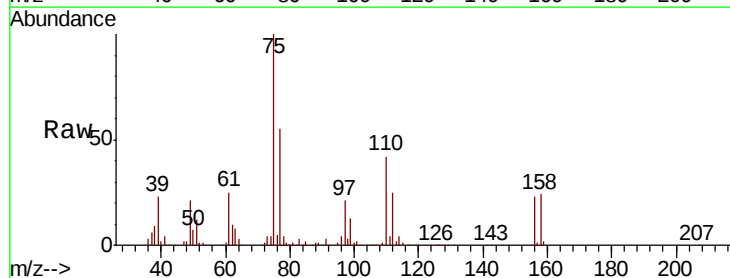
RT: 12.77 min Scan# 1783

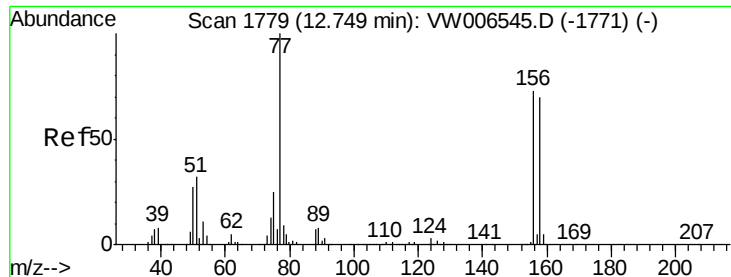
Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Tgt Ion:	75	Resp:	62360
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.788 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

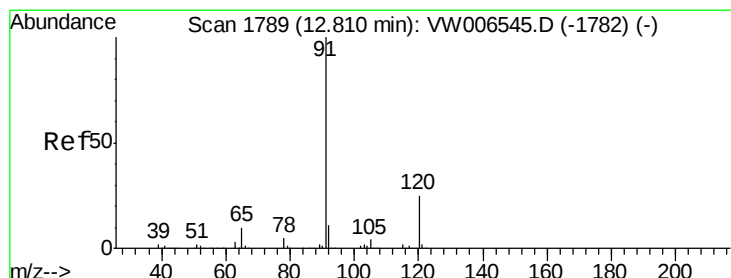
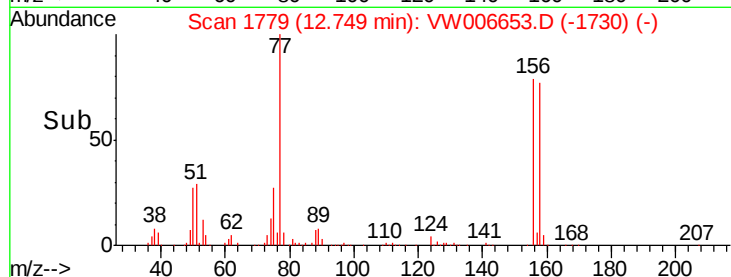
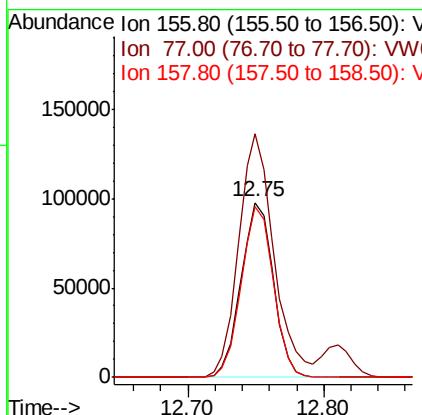
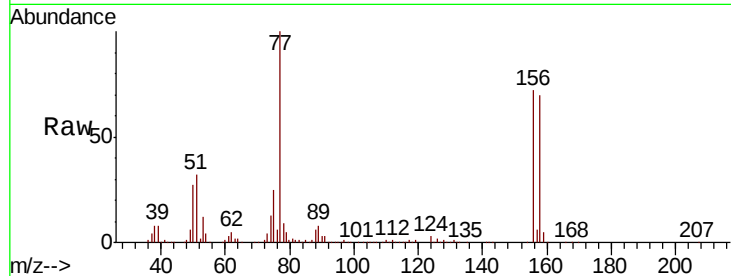
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	151.8	75.9	227.8
158	97.2	48.6	145.9

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#78

n-propylbenzene

Concen: 53.742 ug/l

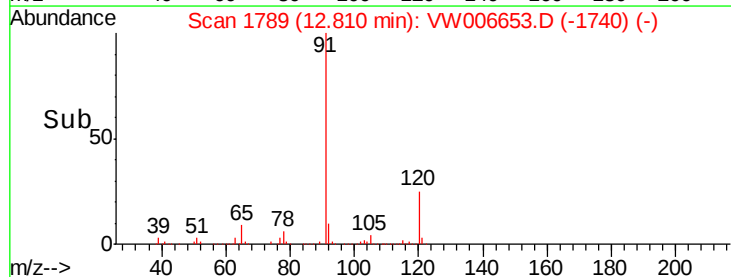
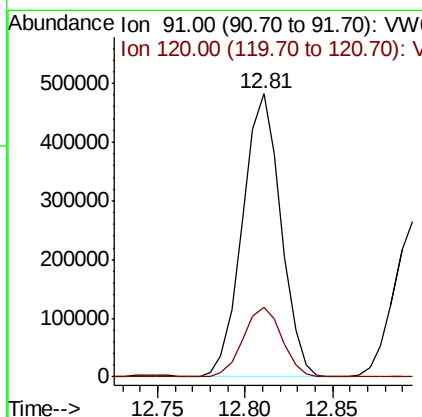
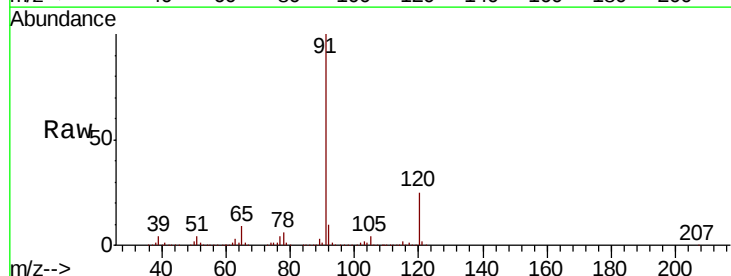
RT: 12.81 min Scan# 1789

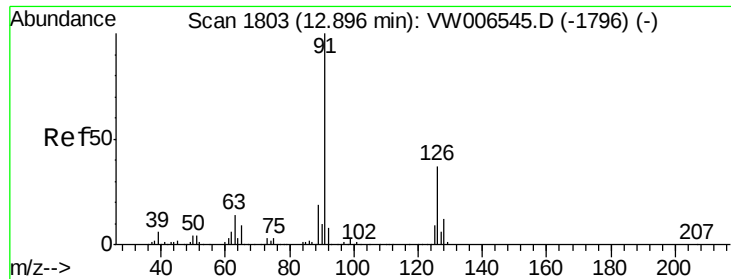
Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.0





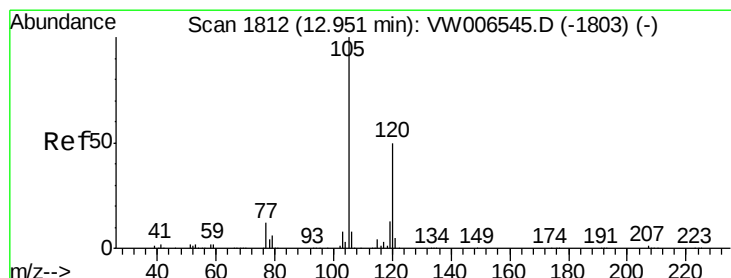
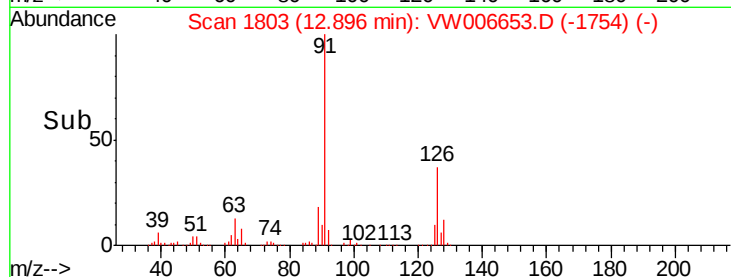
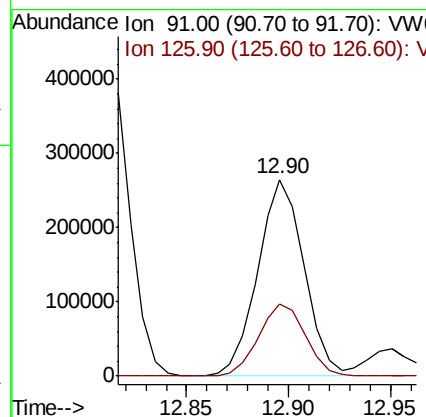
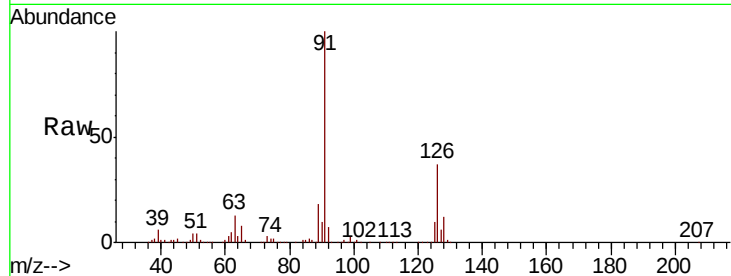
#79
2-Chlorotoluene
Concen: 53.126 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 417156
Ion Ratio Lower Upper
91 100
126 37.2 18.5 55.5

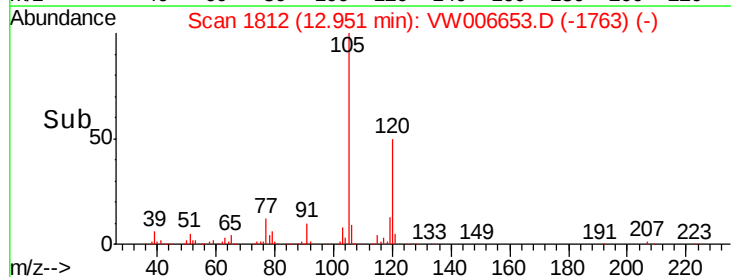
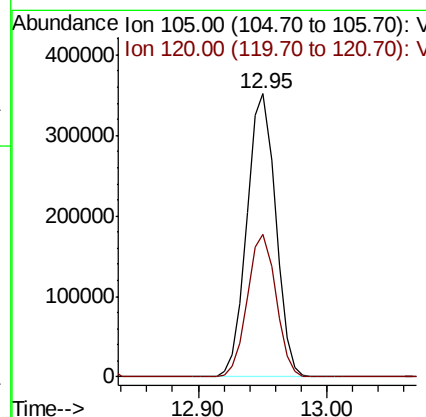
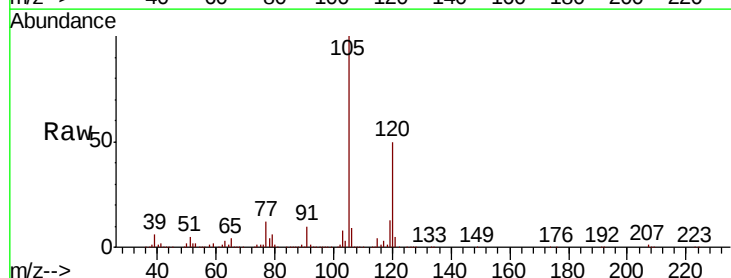
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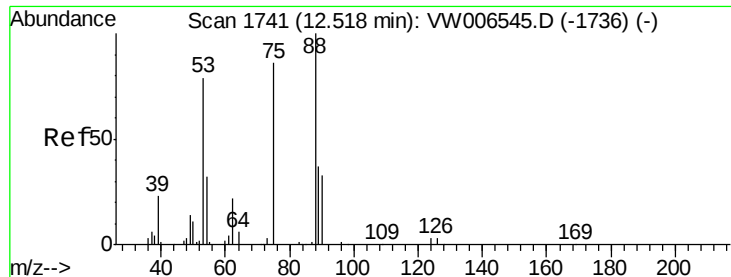
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#80
1,3,5-Trimethylbenzene
Concen: 54.145 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion: 105 Resp: 541093
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 52.302 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

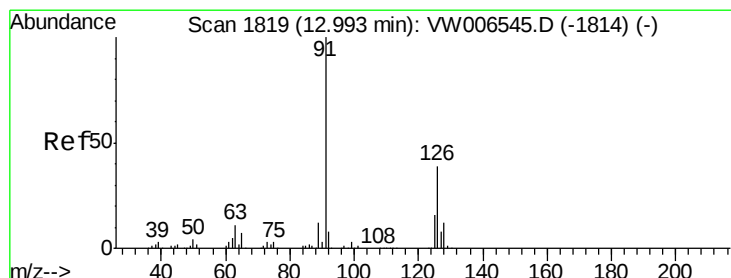
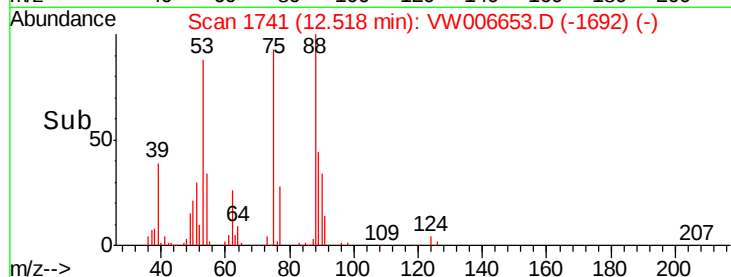
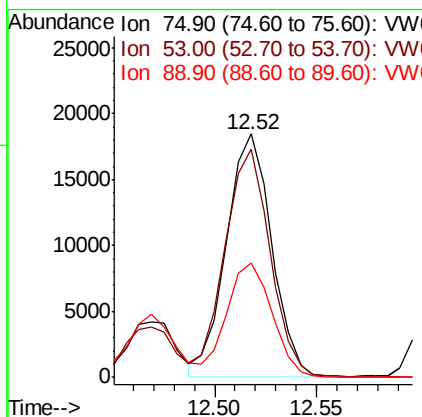
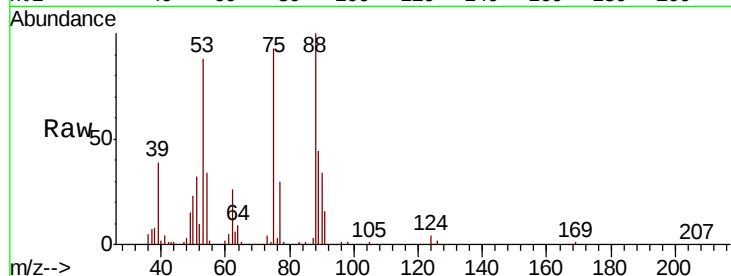
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	28524
Ion	Ratio	Lower	Upper
75	100		
53	94.0	77.2	115.8
89	46.6	38.6	58.0

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#82

4-Chlorotoluene

Concen: 53.485 ug/l

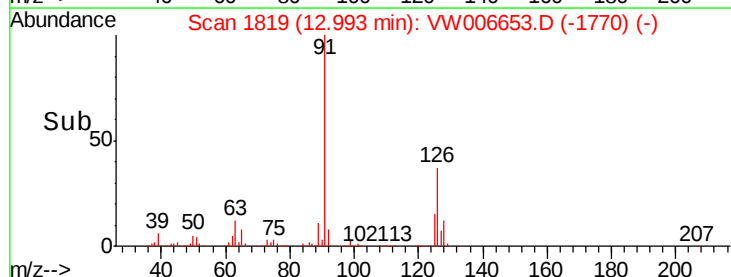
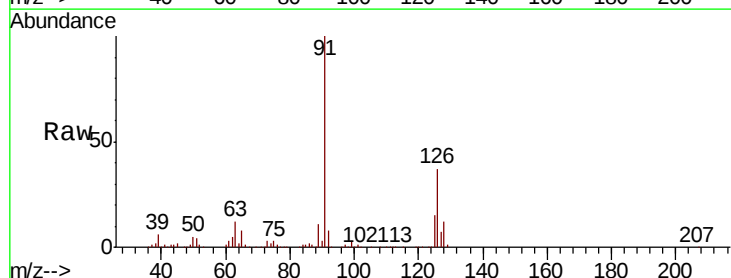
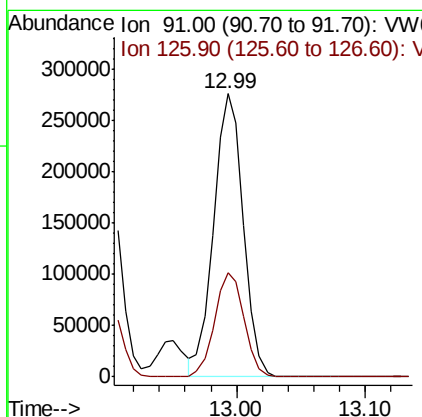
RT: 12.99 min Scan# 1819

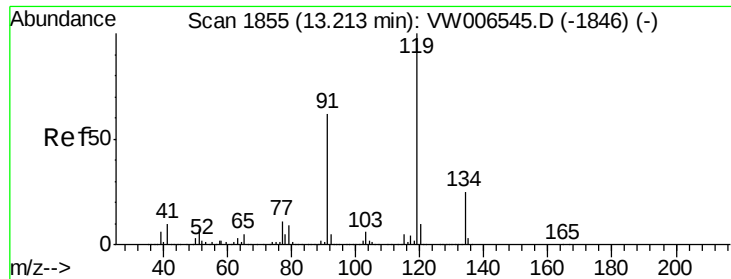
Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Tgt Ion:	91	Resp:	444315
Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.5	55.5





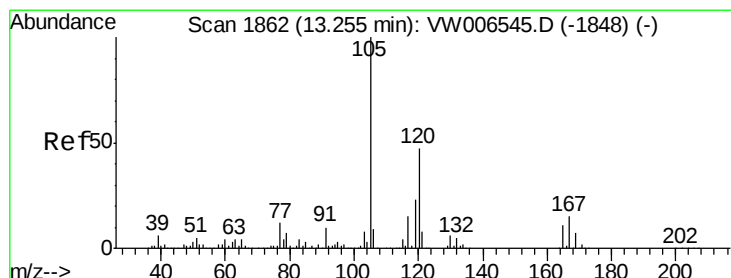
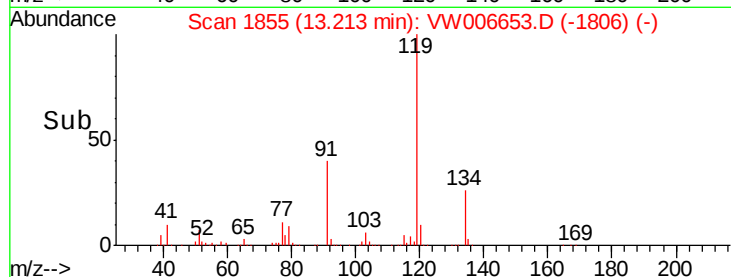
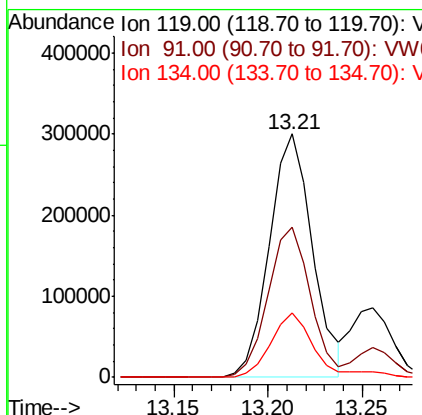
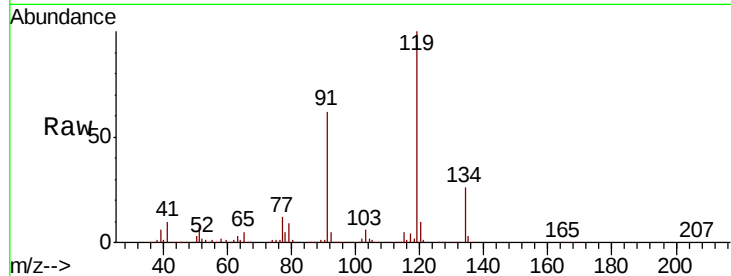
#83
tert-Butylbenzene
Concen: 53.371 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	30.4	91.3
134	27.1	13.5	40.4

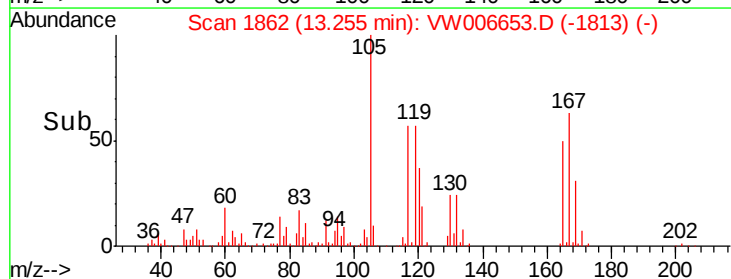
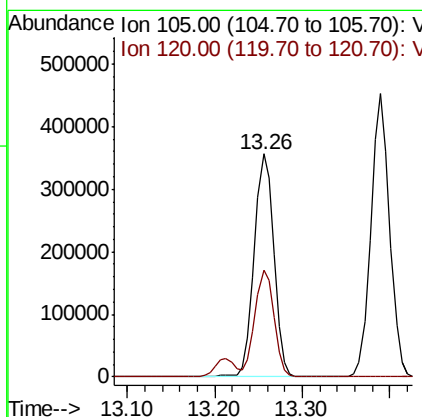
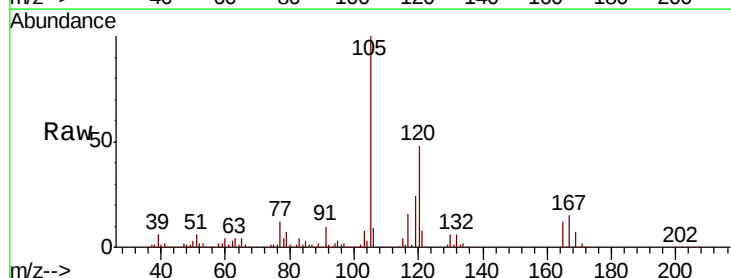
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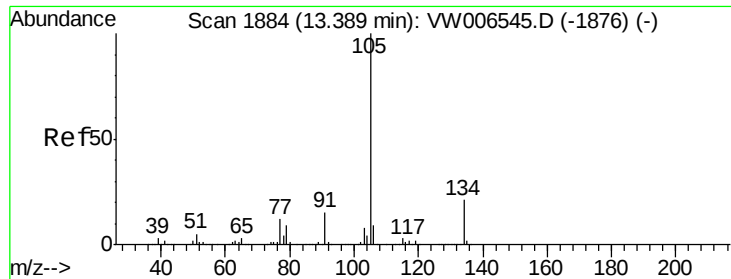
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#84
1,2,4-Trimethylbenzene
Concen: 54.012 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.2	69.6





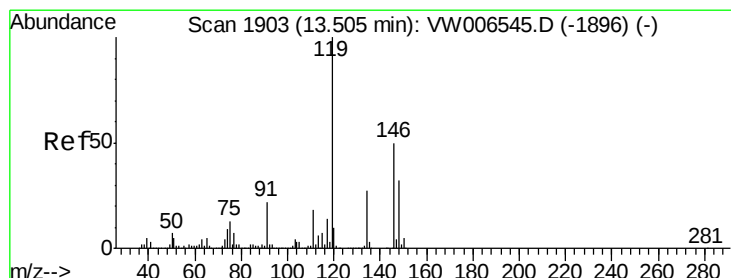
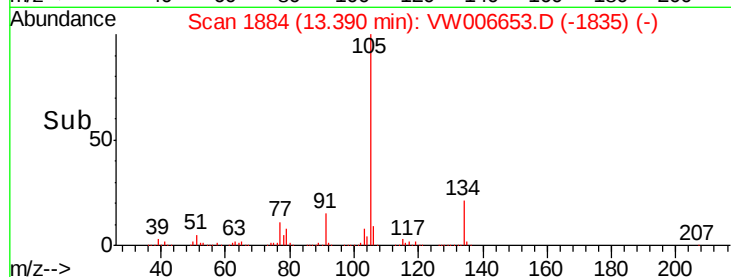
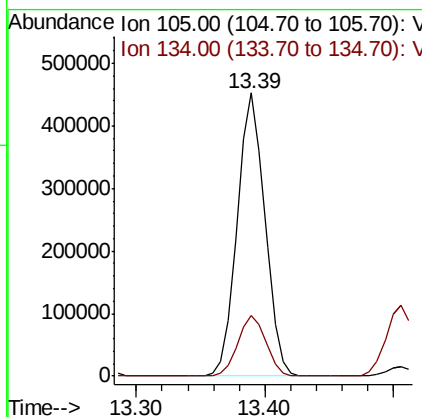
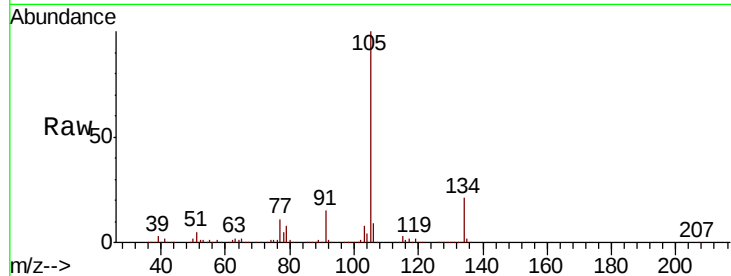
#85
 sec-Butylbenzene
 Concen: 54.019 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.6	31.8

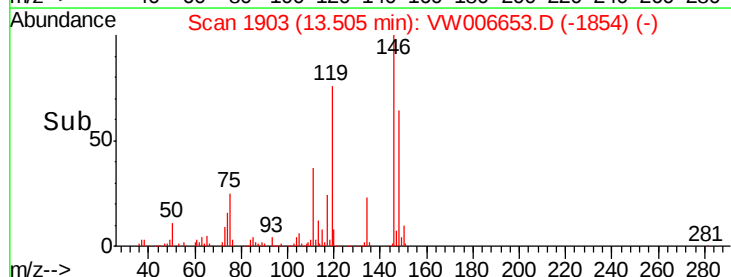
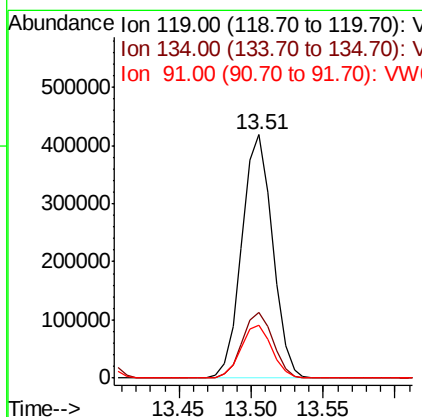
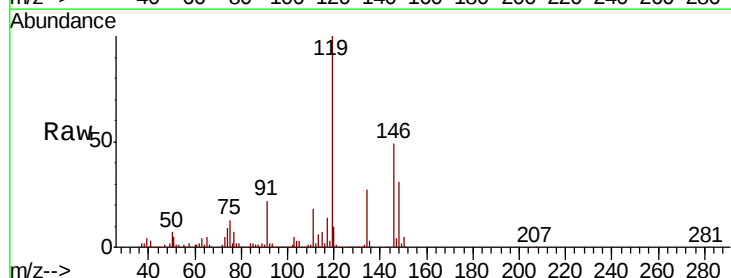
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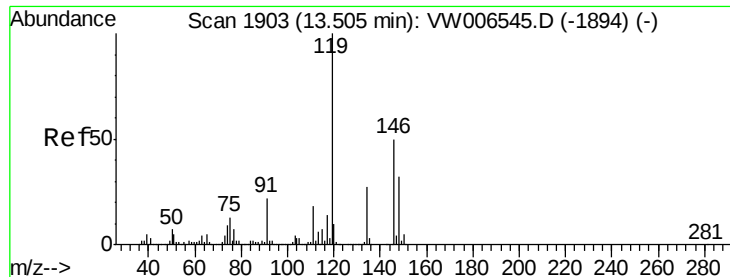
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#86
 p-Isopropyltoluene
 Concen: 54.431 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.7
91	21.8	10.9	32.6





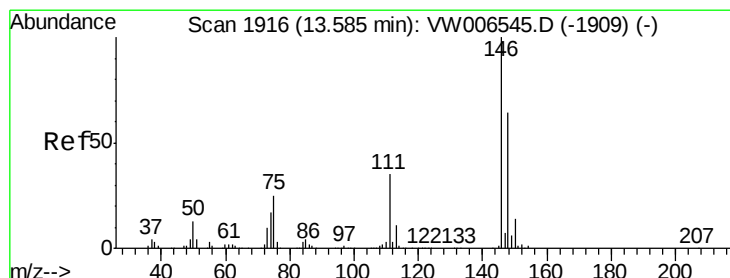
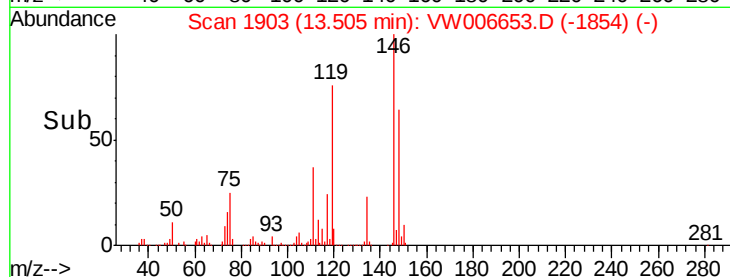
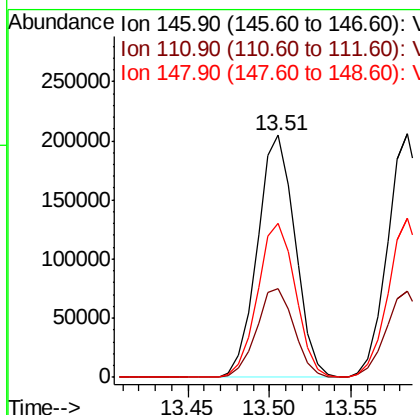
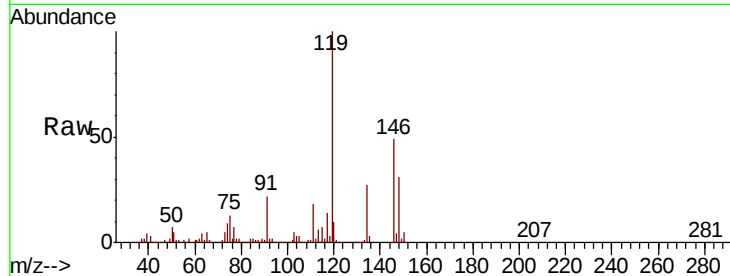
#87
 1,3-Dichlorobenzene
 Concen: 54.201 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	64.0	32.1	96.3

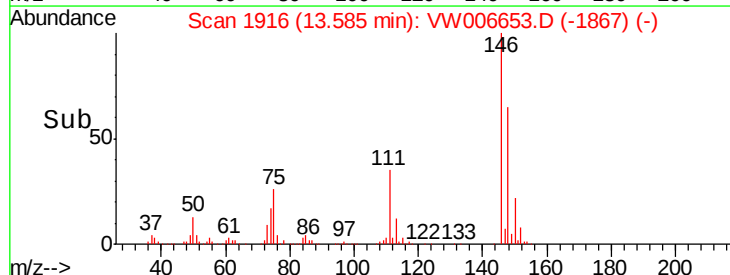
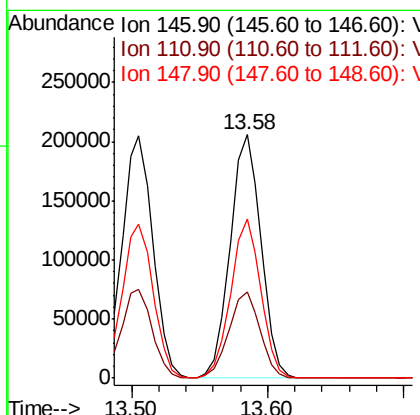
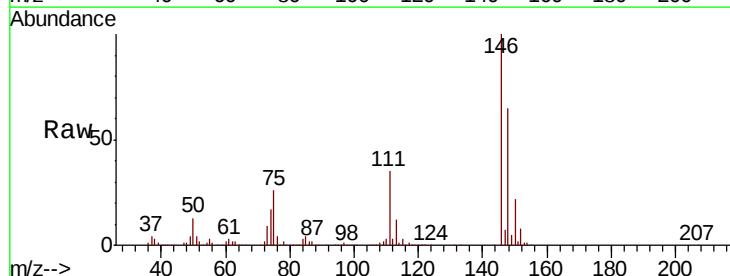
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#88
 1,4-Dichlorobenzene
 Concen: 53.864 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.9	53.7
148	64.0	32.1	96.5





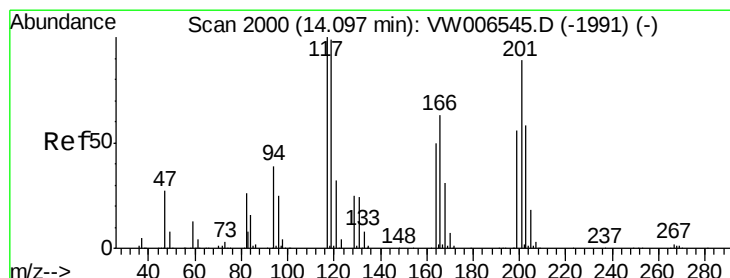
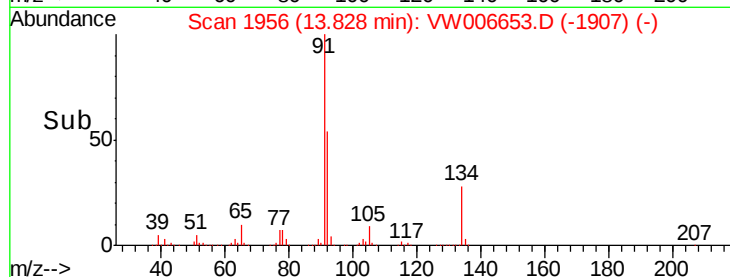
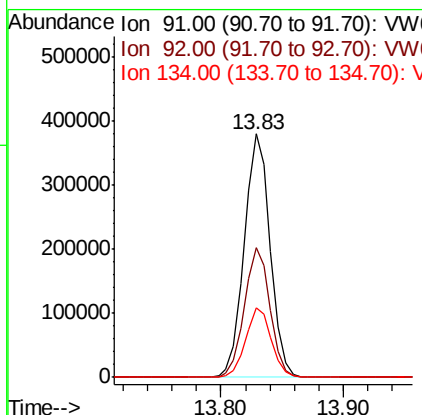
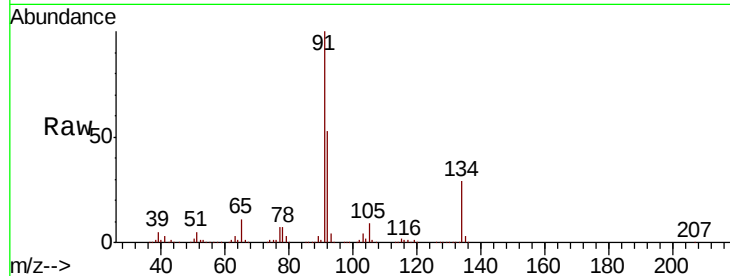
#89
n-Butylbenzene
Concen: 55.046 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.0
134	28.5	14.3	42.9

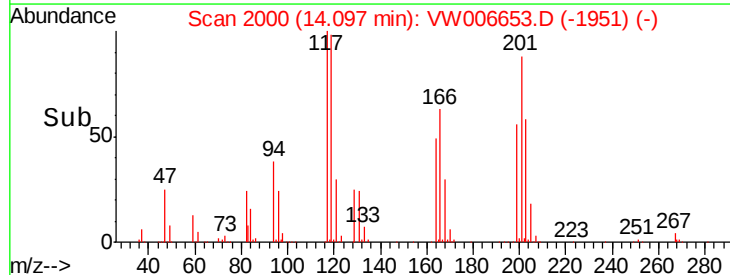
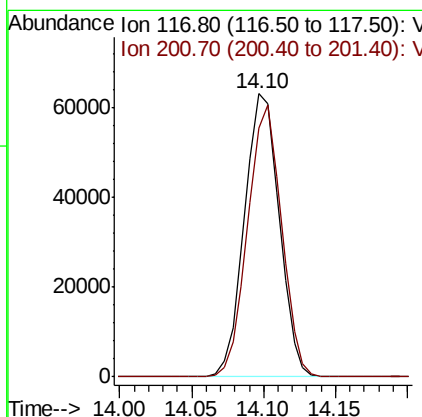
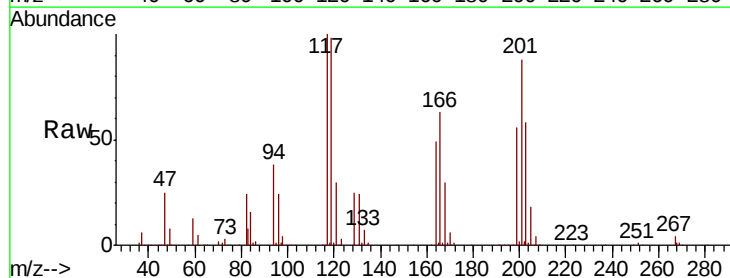
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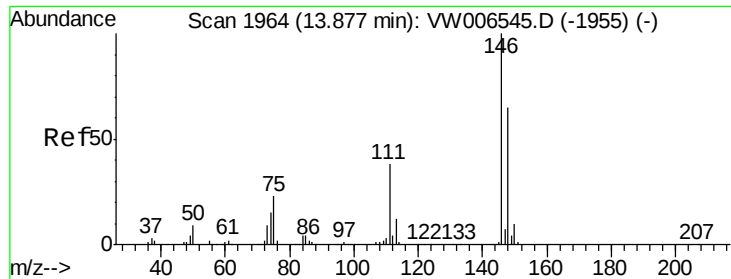
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#90
Hexachloroethane
Concen: 56.624 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.8	46.8	140.3





#91

1,2-Dichlorobenzene

Concen: 53.856 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Instrument :

MSVOA_W

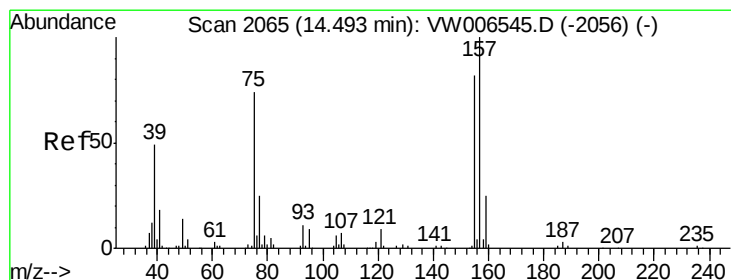
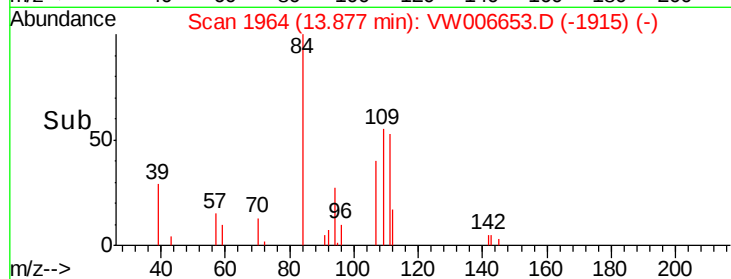
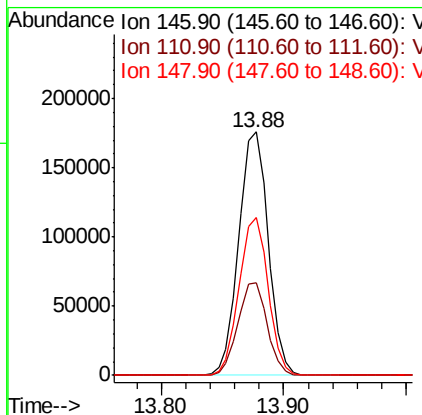
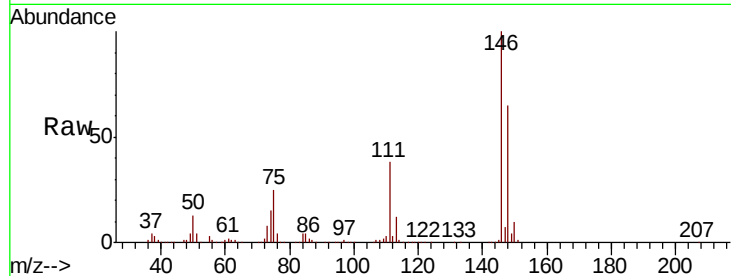
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	293833
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.1	57.5
148	63.8	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.347 ug/l

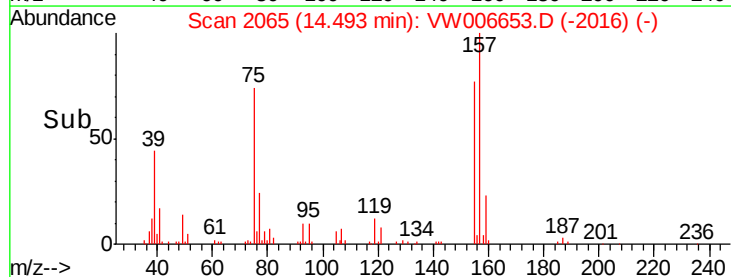
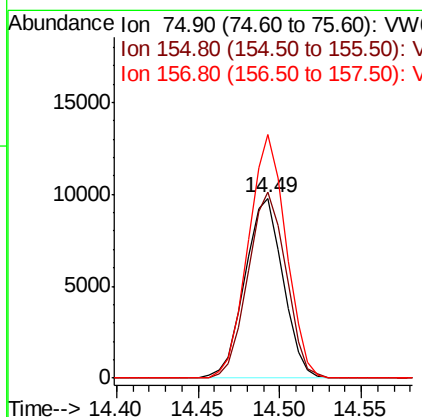
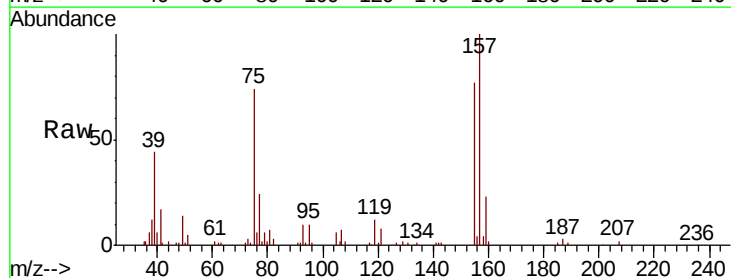
RT: 14.49 min Scan# 2065

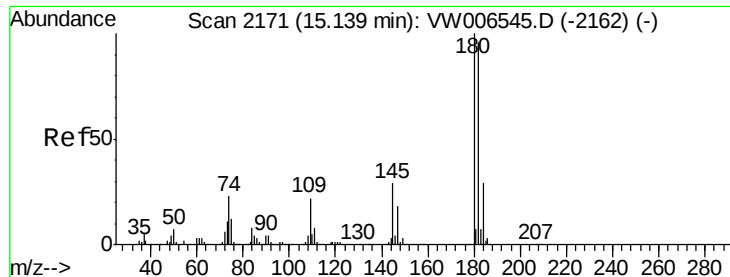
Delta R.T. 0.00 min

Lab File: VW006653.D

Acq: 05 Nov 2018 23:52

Tgt Ion:	75	Resp:	15958
Ion Ratio	Lower	Upper	
75	100		
155	103.2	50.6	151.8
157	134.1	65.0	195.0





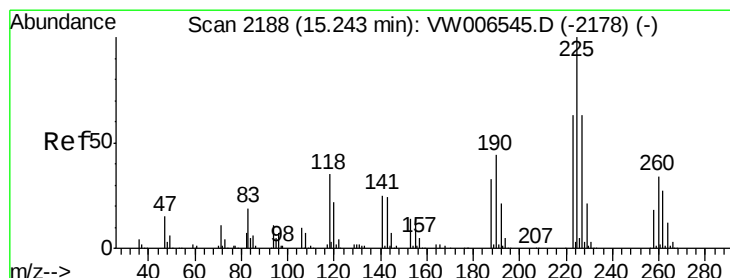
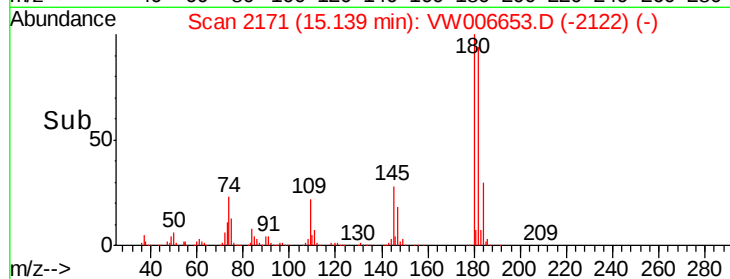
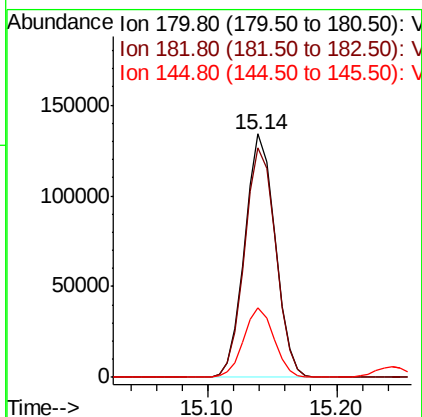
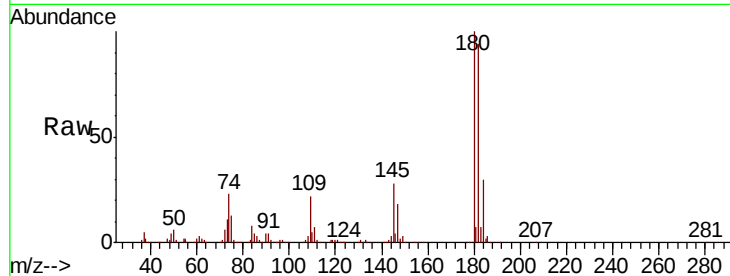
#93
 1,2,4-Trichlorobenzene
 Concen: 53.939 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	218821		
182	96.0	47.5	142.6	
145	28.2	14.0	42.0	

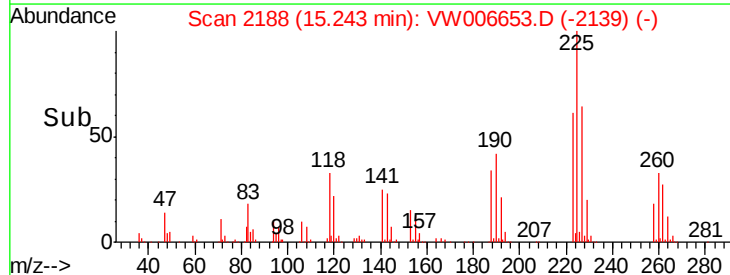
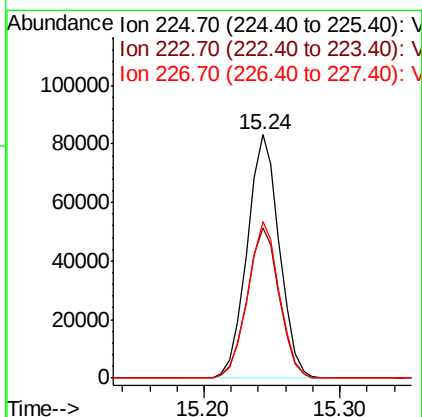
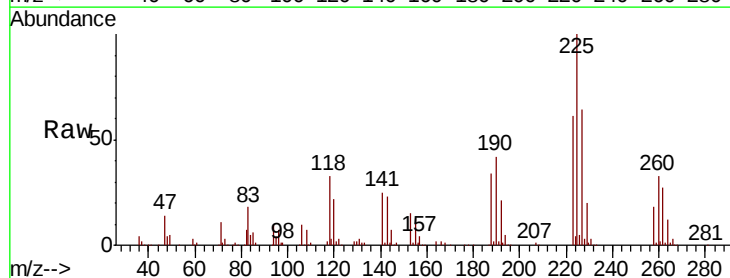
Manual Integrations
 APPROVED

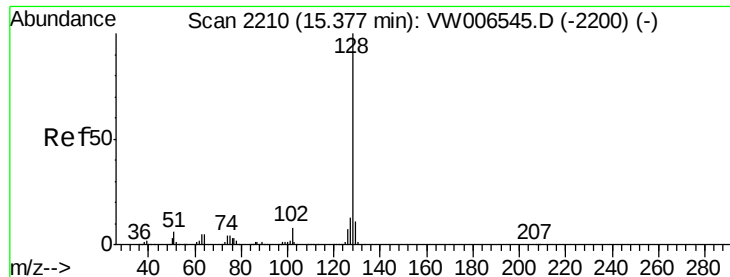
apatel
 11/6/2018 8:16:07 AM



#94
 Hexachlorobutadiene
 Concen: 54.441 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006653.D
 Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137650		
223	61.6	31.4	94.2	
227	63.3	32.2	96.6	





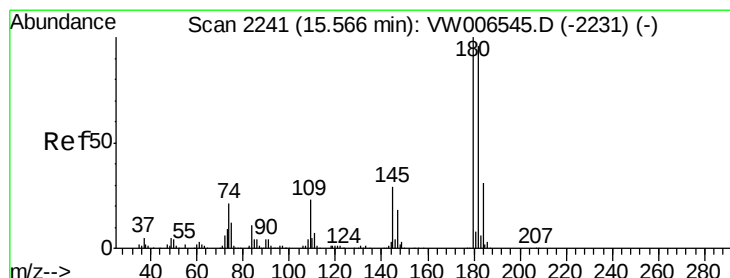
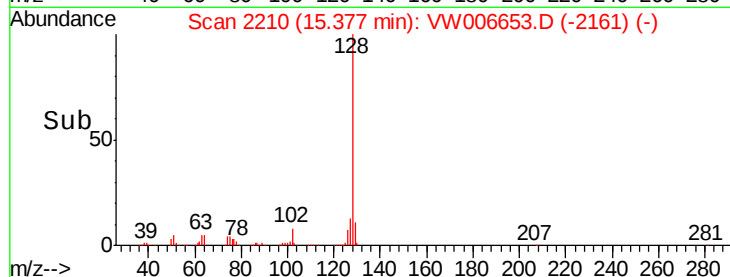
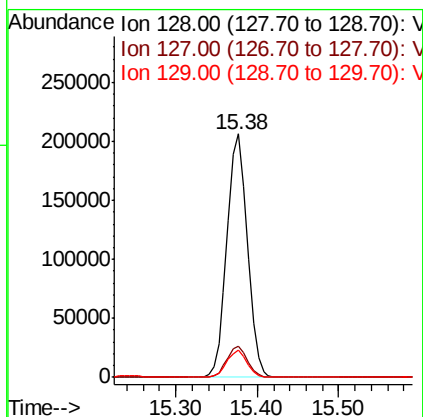
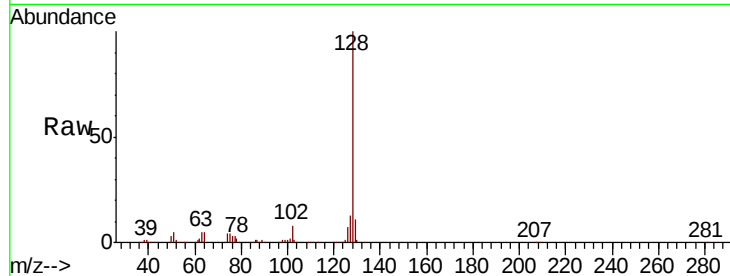
#95
Naphthalene
Concen: 54.613 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
11/6/2018 8:16:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.510 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006653.D
Acq: 05 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.2	144.6
145	29.3	14.9	44.5

