

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007548.D
 Acq On : 14 Dec 2018 22:28
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/17/2018 1:45:22 PM

Quant Time: Dec 15 03:37:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	139308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63190	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	44102	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	7.88	113	41084	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.32	98	153655	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.62	95	59854	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	27359m	45.915	ug/l
3) Chloromethane	2.21	50	22604	45.295	ug/l
4) Vinyl Chloride	2.37	62	27847	47.550	ug/l
5) Bromomethane	2.78	94	19414	49.339	ug/l
6) Chloroethane	2.93	64	16299	50.559	ug/l
7) Trichlorofluoromethane	3.26	101	26818	50.935	ug/l
8) Diethyl Ether	3.68	74	20072	48.707	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42281	48.668	ug/l
10) Methyl Iodide	4.26	142	70487	48.988	ug/l
11) Tert butyl alcohol	5.16	59	16614	255.720	ug/l
12) 1,1-Dichloroethene	4.03	96	41548	49.671	ug/l
13) Acrolein	3.89	56	12037	279.996	ug/l
14) Allyl chloride	4.67	41	59967	48.636	ug/l
15) Acrylonitrile	5.36	53	44165	254.229	ug/l
16) Acetone	4.12	43	43003	260.251	ug/l
17) Carbon Disulfide	4.37	76	119249	47.018	ug/l
18) Methyl Acetate	4.67	43	21828	48.672	ug/l
19) Methyl tert-butyl Ether	5.42	73	65924	52.244	ug/l
20) Methylene Chloride	4.91	84	44113	48.719	ug/l
21) trans-1,2-Dichloroethene	5.42	96	46430	49.620	ug/l
22) Diisopropyl ether	6.31	45	118757	50.110	ug/l
23) Vinyl Acetate	6.25	43	350397	264.334	ug/l
24) 1,1-Dichloroethane	6.21	63	78469	48.990	ug/l
25) 2-Butanone	7.17	43	56747	263.062	ug/l
26) 2,2-Dichloropropane	7.16	77	54850	51.742	ug/l
27) cis-1,2-Dichloroethene	7.16	96	51240	50.011	ug/l
28) Bromochloromethane	7.51	49	28837	47.863	ug/l
29) Tetrahydrofuran	7.52	42	35064	256.760	ug/l
30) Chloroform	7.68	83	87158	50.002	ug/l
31) Cyclohexane	7.95	56	64890	44.155	ug/l
32) 1,1,1-Trichloroethane	7.87	97	75651	49.491	ug/l
36) 1,1-Dichloropropene	8.08	75	63952	50.324	ug/l
37) Ethyl Acetate	7.25	43	25098	53.099	ug/l
38) Carbon Tetrachloride	8.07	117	70941	51.304	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79273	51.515	ug/l	96
40) Benzene	8.32	78	178163	50.518	ug/l	100
41) Methacrylonitrile	7.48	41	15014	55.781	ug/l	99
42) 1,2-Dichloroethane	8.40	62	57646	52.034	ug/l	100
43) Isopropyl Acetate	8.43	43	49594	53.118	ug/l	99
44) Trichloroethene	9.09	130	52118	51.751	ug/l	98
45) 1,2-Dichloropropane	9.37	63	42153	51.650	ug/l	100
46) Dibromomethane	9.46	93	24205	52.226	ug/l	99
47) Bromodichloromethane	9.64	83	63825	52.501	ug/l	96
48) Methyl methacrylate	9.43	41	24690	51.491	ug/l	96
49) 1,4-Dioxane	9.44	88	8242	1096.000	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	123023	278.869	ug/l	99
52) Toluene	10.39	92	121238	53.121	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	63954	54.188	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	71403	52.335	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34565	54.797	ug/l	98
56) Ethyl methacrylate	10.65	69	43187	56.962	ug/l	99
57) 1,3-Dichloropropane	10.93	76	57834	55.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97884	279.965	ug/l	99
59) 2-Hexanone	10.97	43	86464	293.936	ug/l	99
60) Dibromochloromethane	11.13	129	44674	56.120	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34774	55.785	ug/l	95
64) Tetrachloroethene	10.86	164	43338	46.608	ug/l	93
65) Chlorobenzene	11.66	112	136435	50.625	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	48026	50.597	ug/l	98
67) Ethyl Benzene	11.73	91	240233	51.847	ug/l	91
68) m/p-Xylenes	11.84	106	184400	102.370	ug/l	99
69) o-Xylene	12.17	106	88985	52.895	ug/l	98
70) Styrene	12.18	104	145582	53.577	ug/l	98
71) Bromoform	12.35	173	24819	51.085	ug/l #	99
73) Isopropylbenzene	12.47	105	244581	50.514	ug/l	99
74) N-amyl acetate	12.27	43	47171	53.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	37579	52.402	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	29375m	56.380	ug/l	
77) Bromobenzene	12.75	156	54830	51.088	ug/l	94
78) n-propylbenzene	12.81	91	286178	52.519	ug/l	99
79) 2-Chlorotoluene	12.90	91	166524	50.506	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	209804	51.570	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12207	51.755	ug/l	93
82) 4-Chlorotoluene	12.99	91	174141	50.105	ug/l	97
83) tert-Butylbenzene	13.21	119	186116	51.918	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	212782	50.825	ug/l	97
85) sec-Butylbenzene	13.39	105	253506	51.803	ug/l	96
86) p-Isopropyltoluene	13.51	119	227504	51.749	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	109441	51.144	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108492	50.432	ug/l	97
89) n-Butylbenzene	13.83	91	211540	51.904	ug/l	99
90) Hexachloroethane	14.10	117	39645	50.681	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	98667	51.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7593	52.761	ug/l	98

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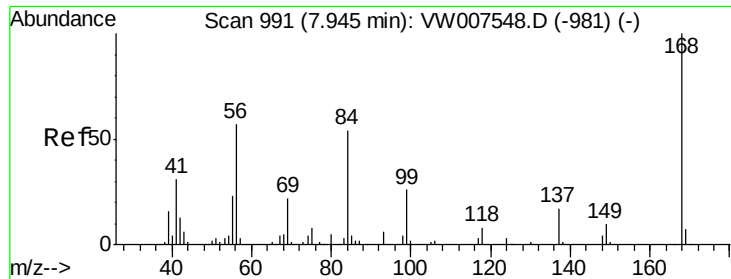
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	66079	50.099	ug/l	96
94) Hexachlorobutadiene	15.24	225	33983	48.559	ug/l	97
95) Naphthalene	15.37	128	132999	52.710	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	57318	50.026	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 85269

Ion Ratio Lower Upper

168 100

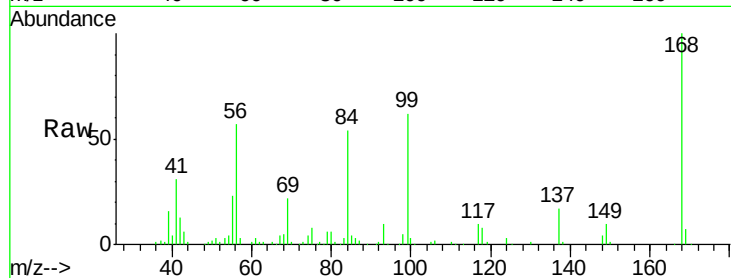
99 61.5 48.3 72.5

Manual Integrations

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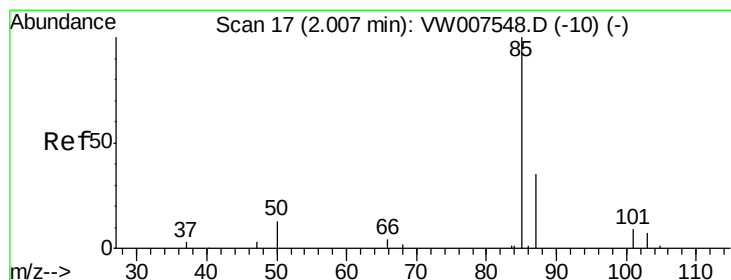
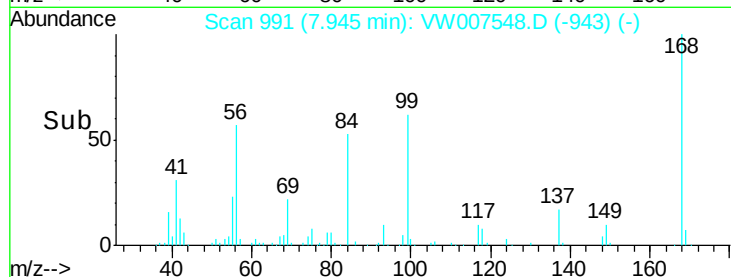
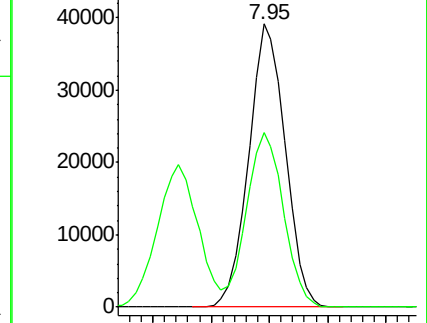
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.915 ug/l m

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007548.D

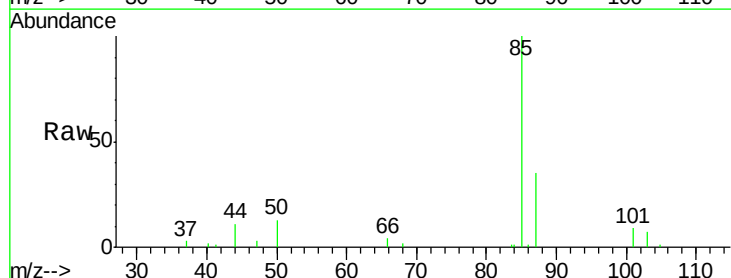
Acq: 14 Dec 2018 22:28

Tgt Ion: 85 Resp: 27359

Ion Ratio Lower Upper

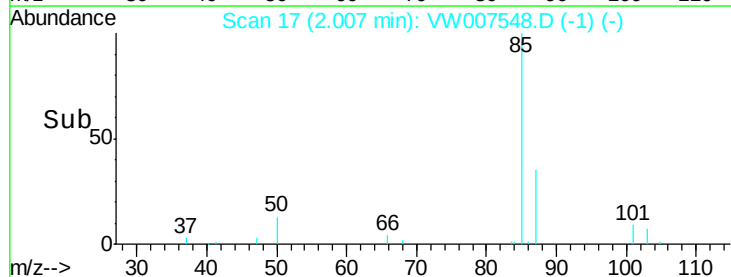
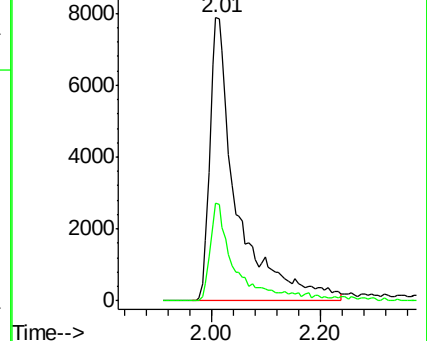
85 100

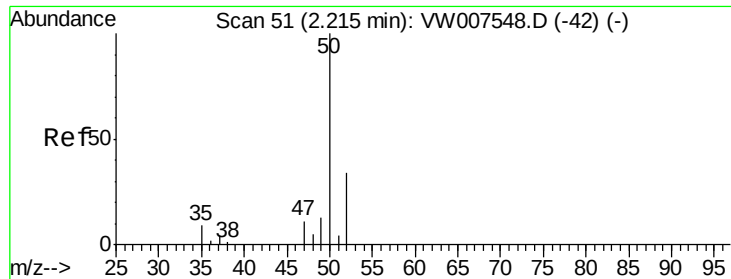
87 34.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.295 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 22604

Ion Ratio Lower Upper

50 100

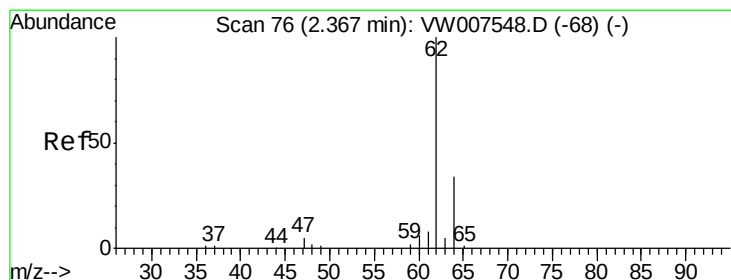
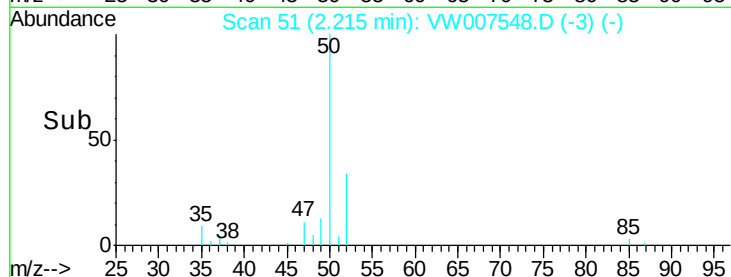
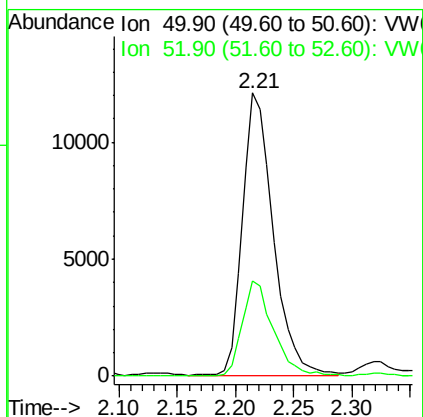
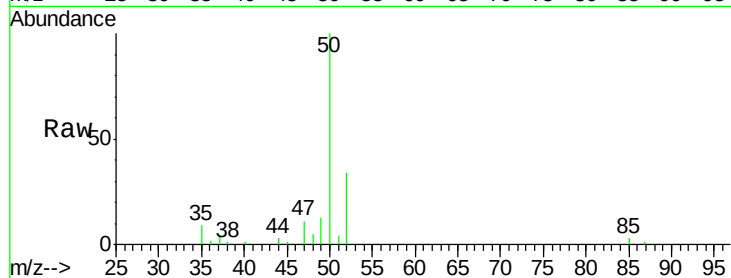
52 33.8 27.4 41.0

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#4

Vinyl Chloride

Concen: 47.550 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007548.D

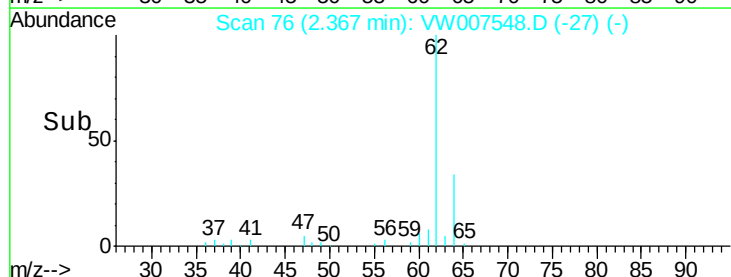
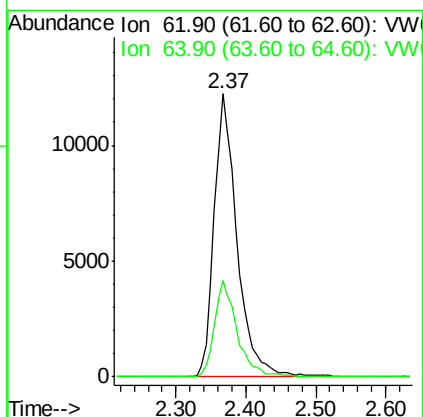
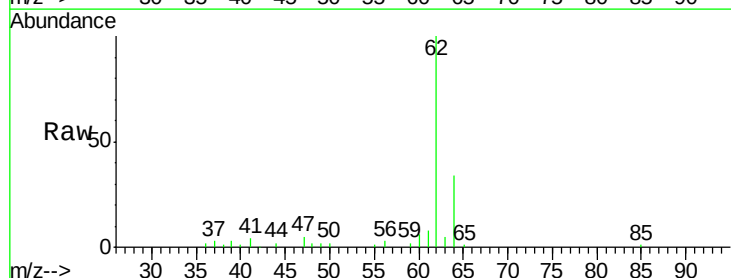
Acq: 14 Dec 2018 22:28

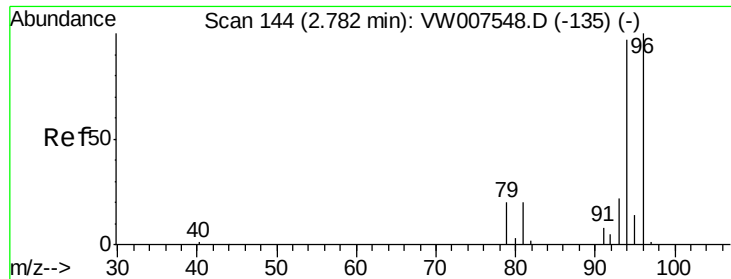
Tgt Ion: 62 Resp: 27847

Ion Ratio Lower Upper

62 100

64 34.3 24.6 37.0





#5

Bromomethane

Concen: 49.339 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 19414

Ion Ratio Lower Upper

94 100

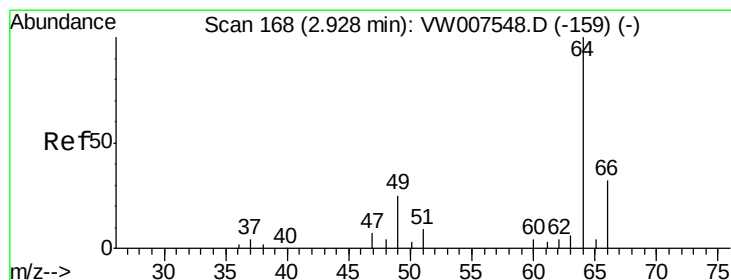
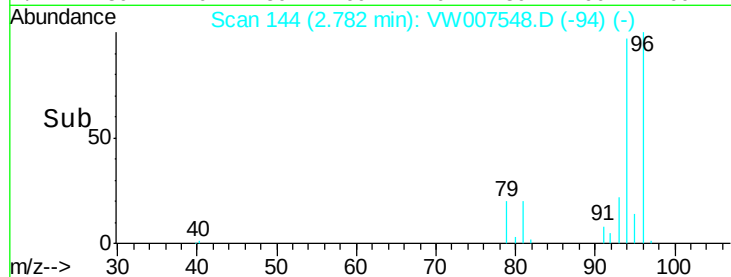
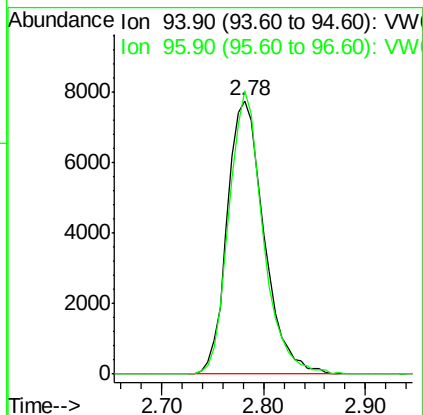
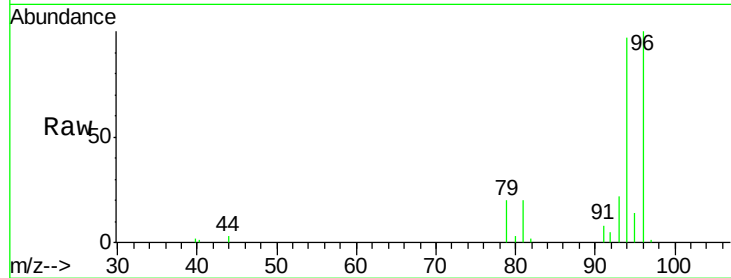
96 103.5 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 50.559 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007548.D

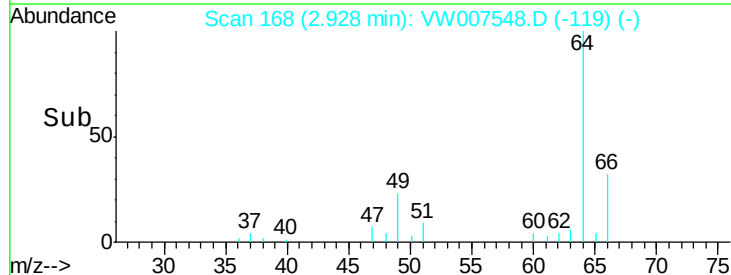
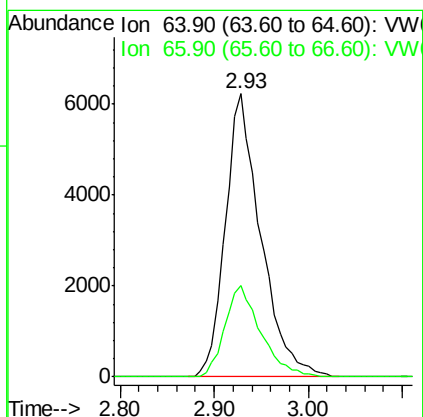
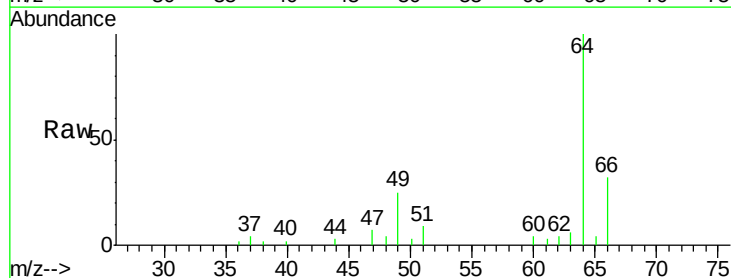
Acq: 14 Dec 2018 22:28

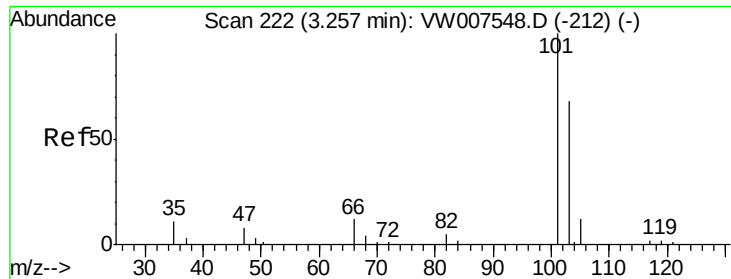
Tgt Ion: 64 Resp: 16299

Ion Ratio Lower Upper

64 100

66 32.5 24.6 37.0





#7

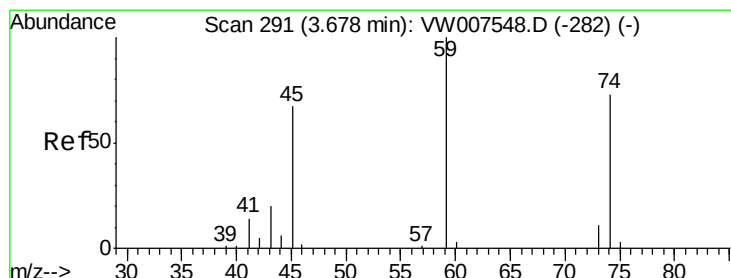
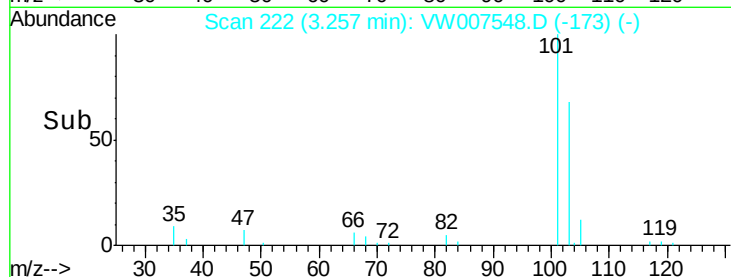
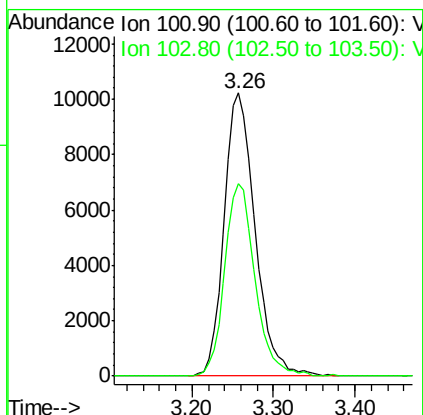
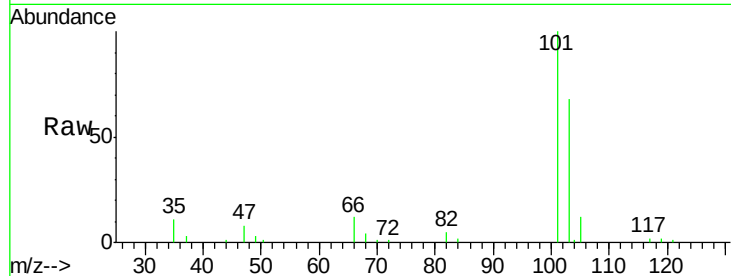
Trichlorofluoromethane
 Concen: 50.935 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

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 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 26818
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.7 77.5

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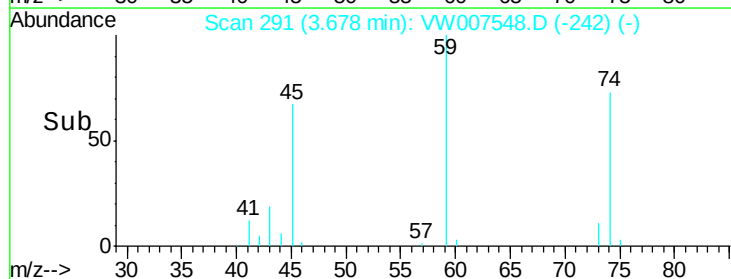
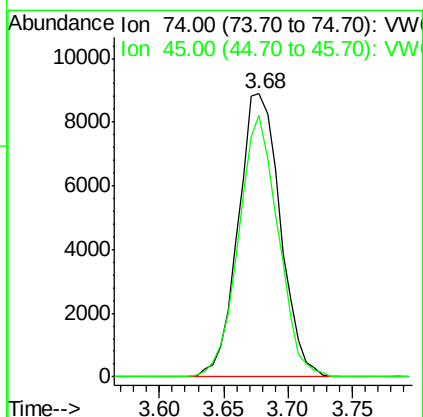
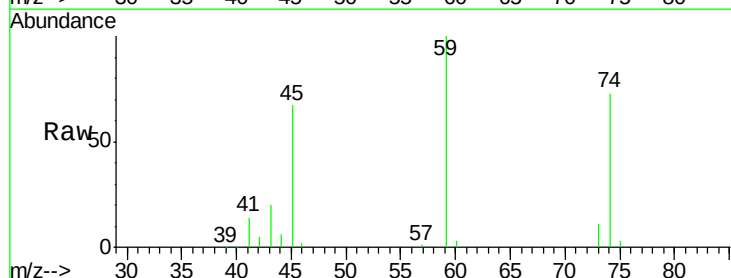
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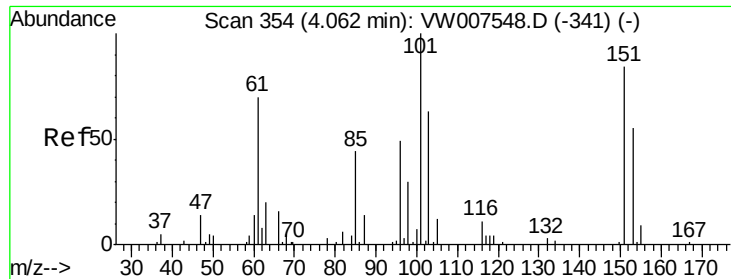


#8

Diethyl Ether
 Concen: 48.707 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion: 74 Resp: 20072
 Ion Ratio Lower Upper
 74 100
 45 87.0 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.668 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

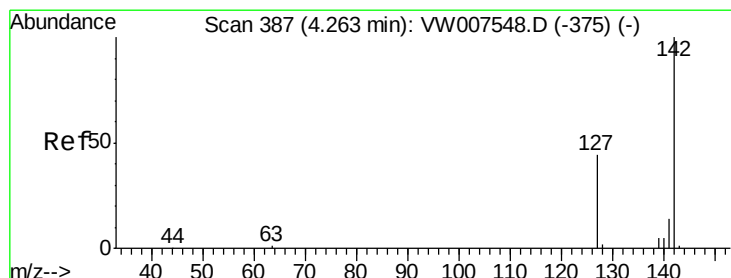
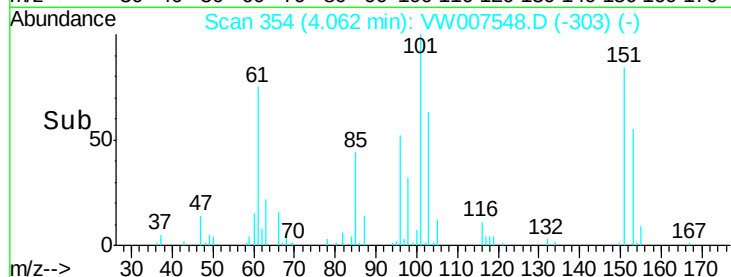
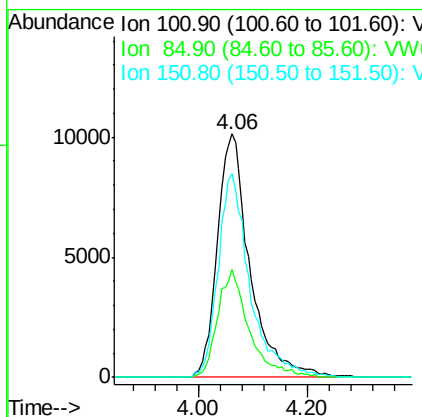
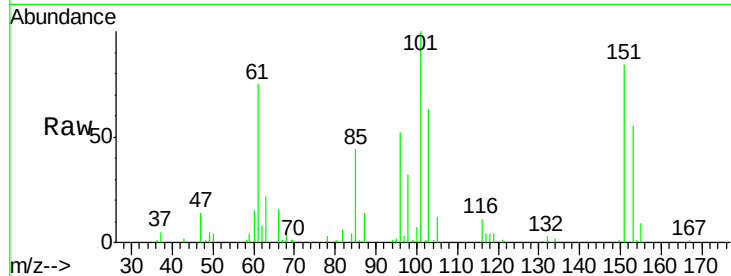
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	42281
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	81.5	63.7	95.5

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#10

Methyl Iodide

Concen: 48.988 ug/l

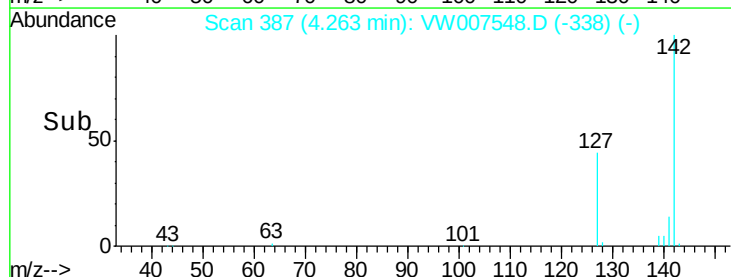
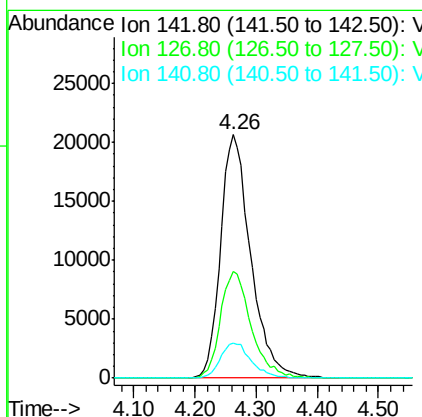
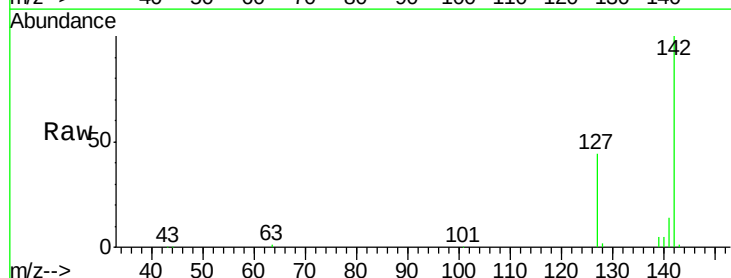
RT: 4.26 min Scan# 387

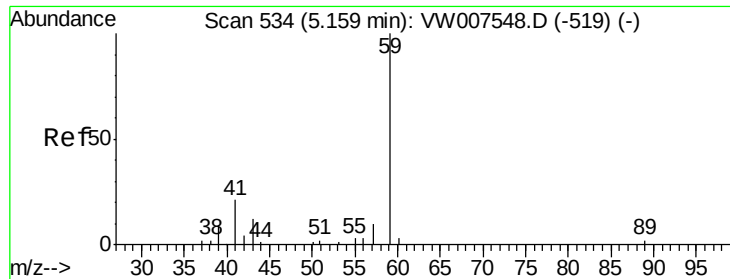
Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Tgt Ion:	142	Resp:	70487
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.8	53.6
141	14.8	11.1	16.7





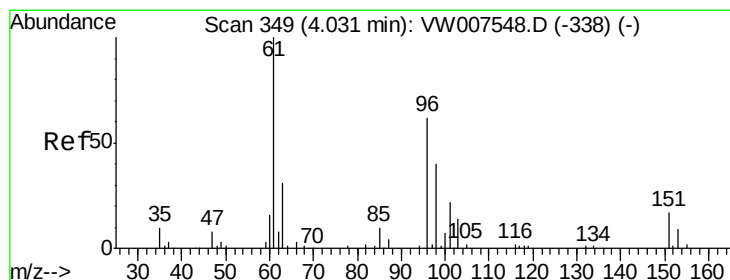
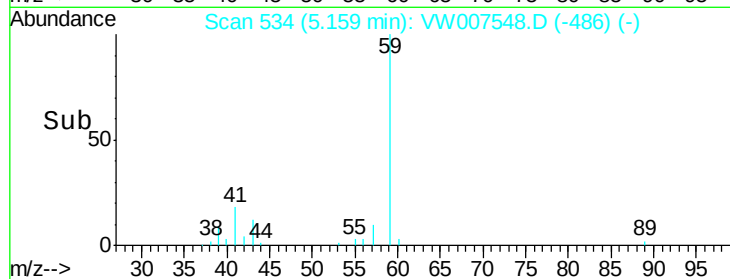
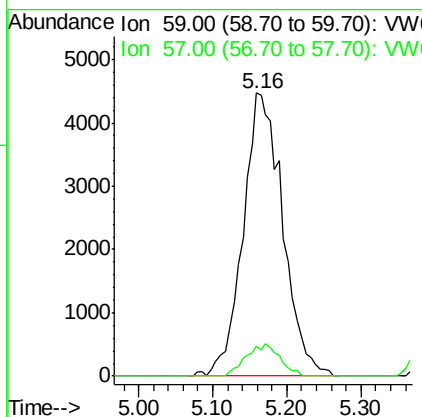
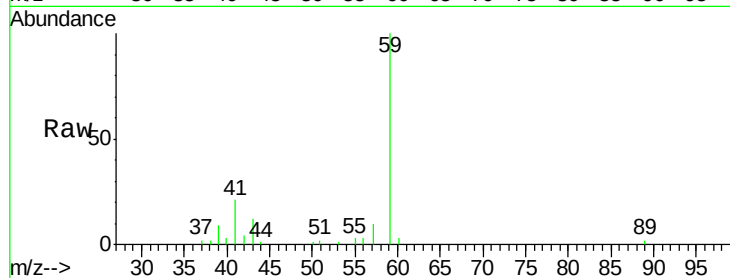
#11
Tert butyl alcohol
Concen: 255.720 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.6	11.4

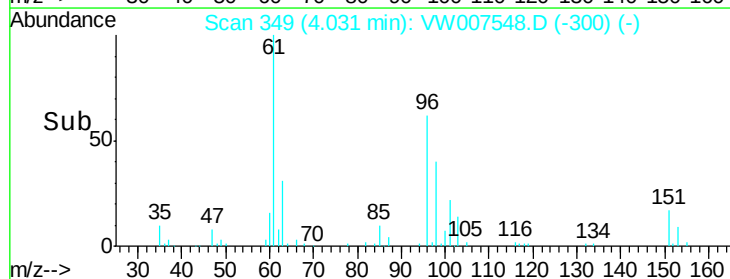
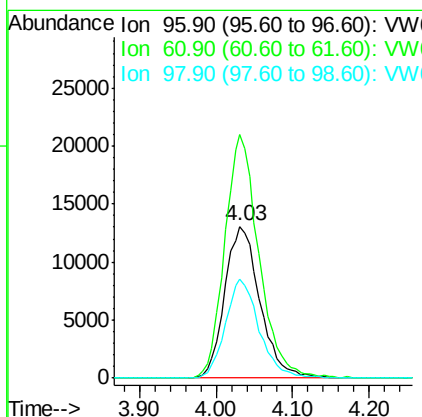
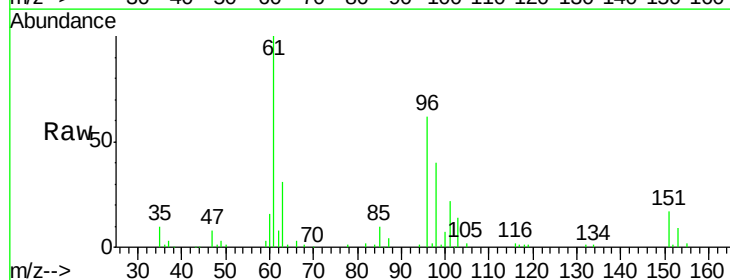
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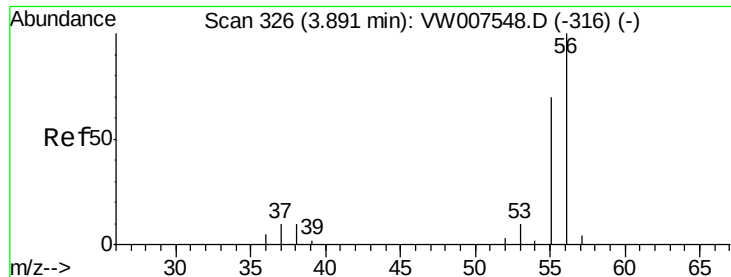
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#12
1,1-Dichloroethene
Concen: 49.671 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	126.2	189.2
98	65.0	48.3	72.5





#13

Acrolein

Concen: 279.996 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 12037

Ion Ratio Lower Upper

56 100

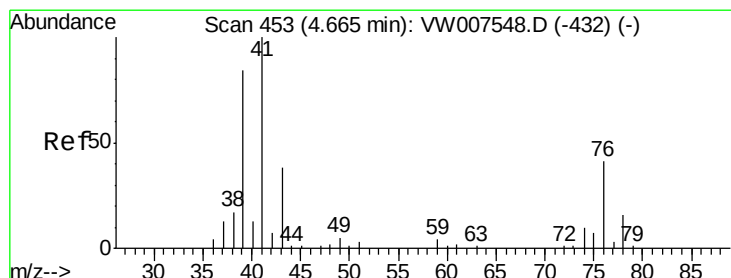
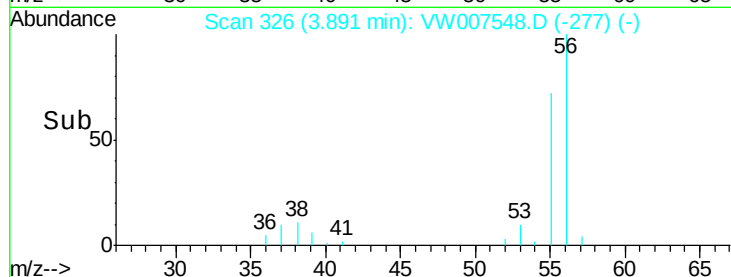
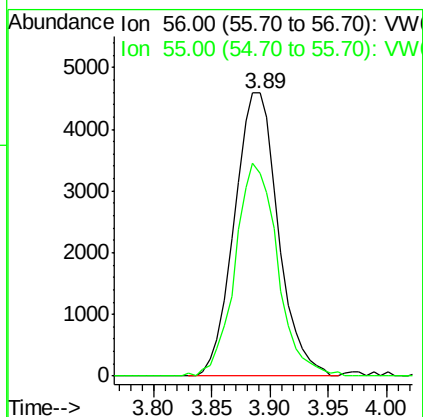
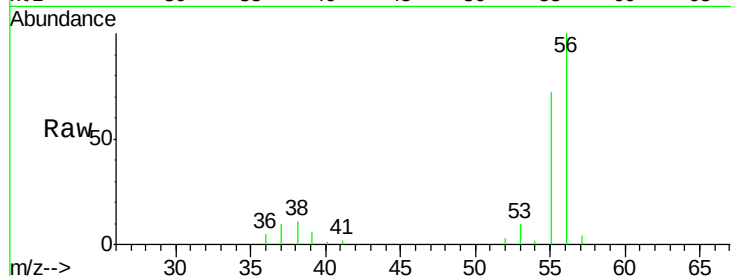
55 72.7 57.4 86.2

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#14

Allyl chloride

Concen: 48.636 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

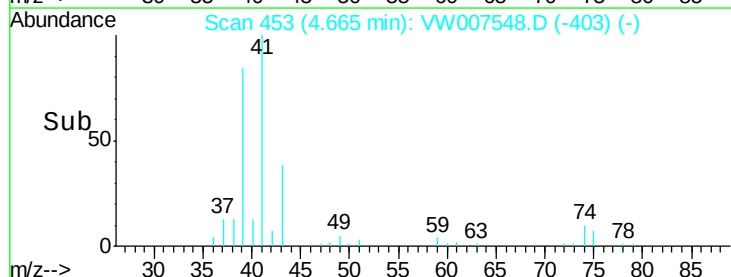
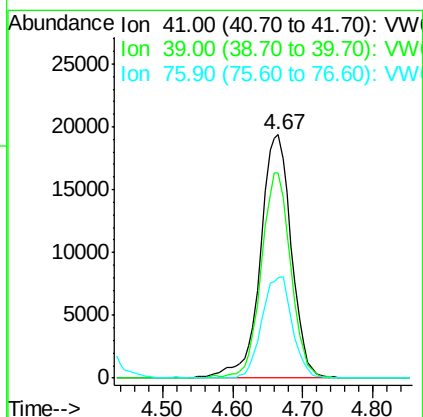
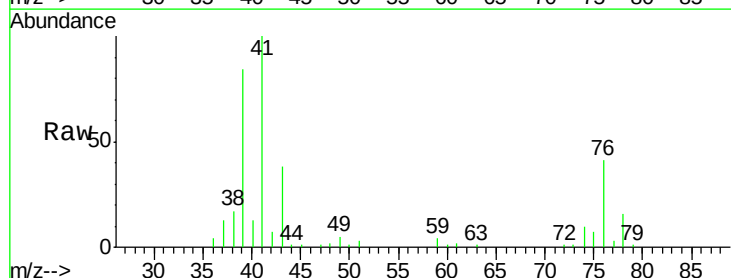
Tgt Ion: 41 Resp: 59967

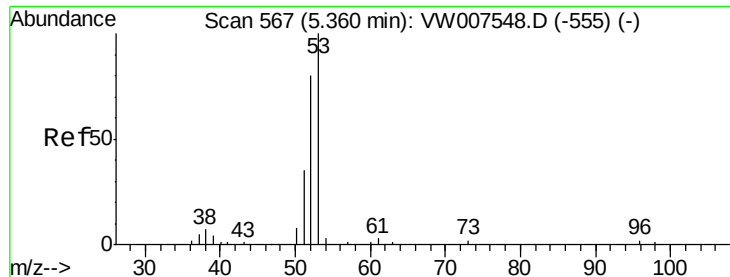
Ion Ratio Lower Upper

41 100

39 80.1 63.4 95.2

76 40.6 32.1 48.1





#15

Acrylonitrile

Concen: 254.229 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

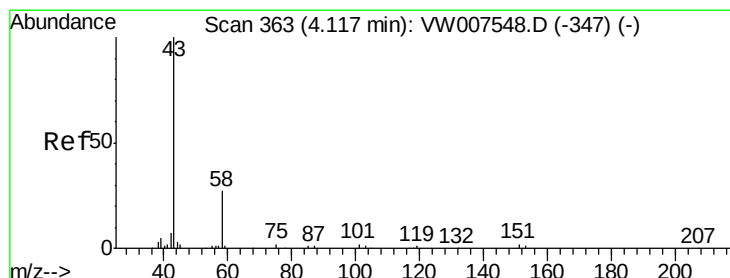
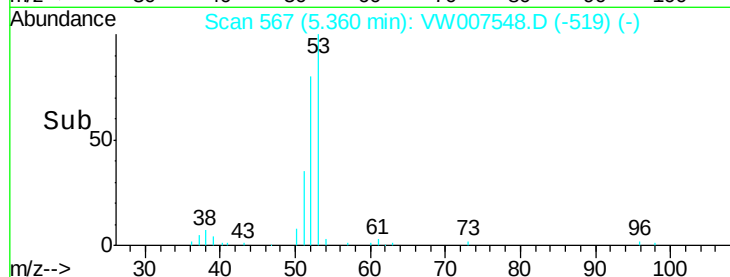
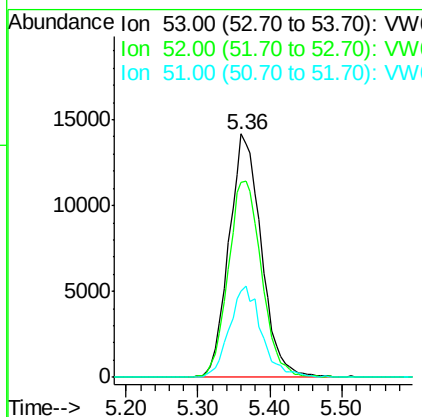
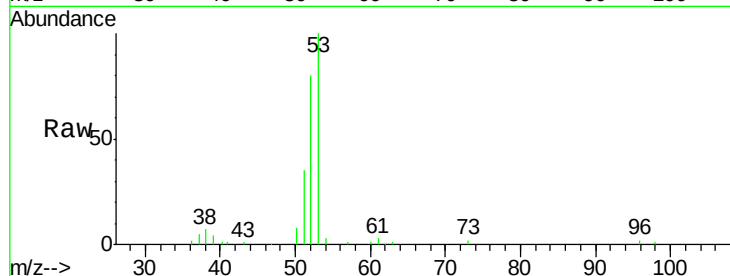
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	44165
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.2
51	37.5	30.2	45.2

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#16

Acetone

Concen: 260.251 ug/l

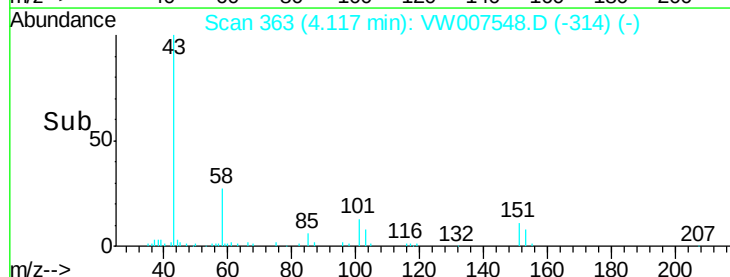
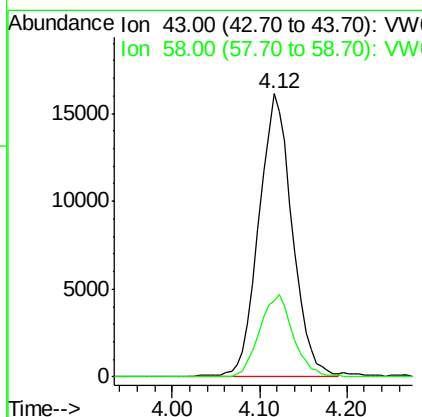
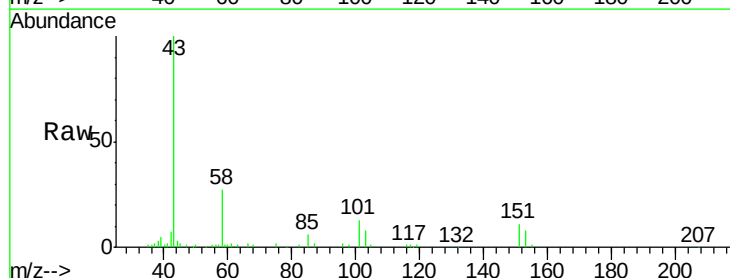
RT: 4.12 min Scan# 363

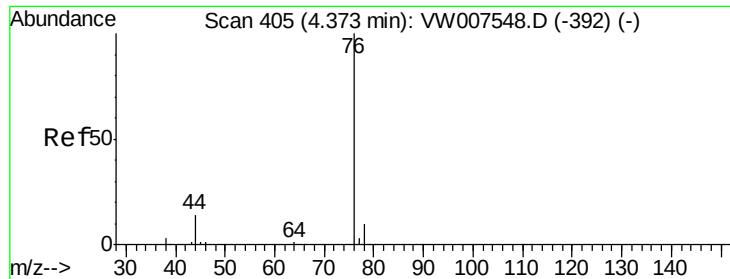
Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Tgt Ion:	43	Resp:	43003
Ion	Ratio	Lower	Upper
43	100		
58	26.9	24.9	37.3





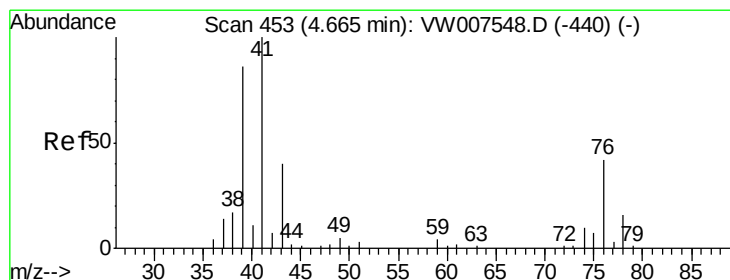
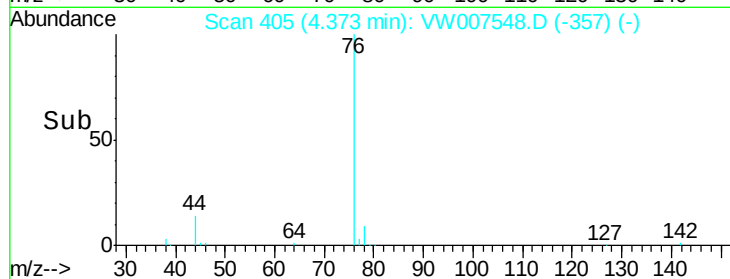
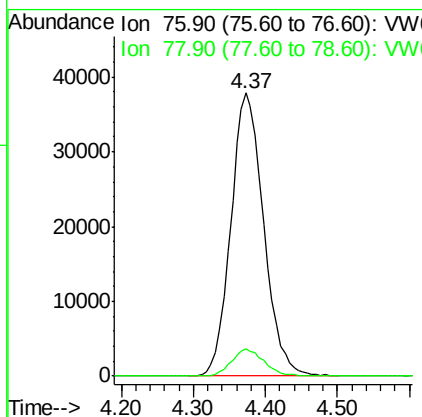
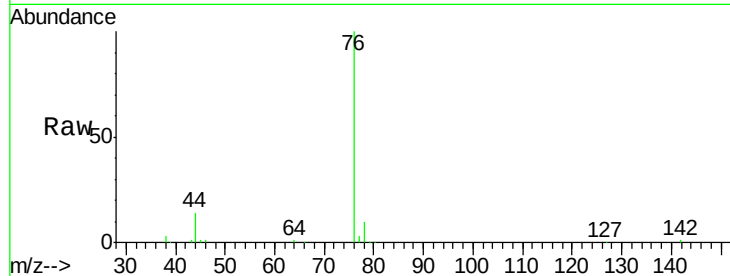
#17
Carbon Disulfide
Concen: 47.018 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 119249
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

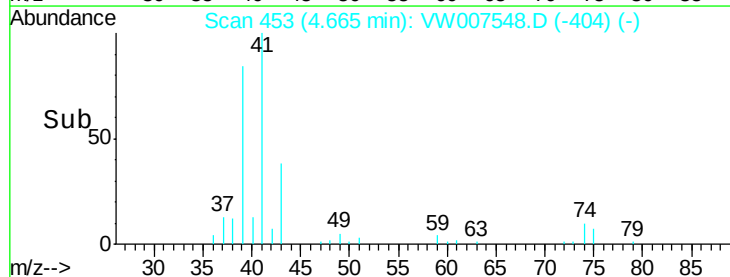
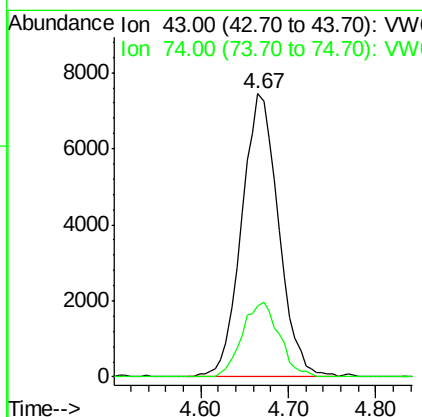
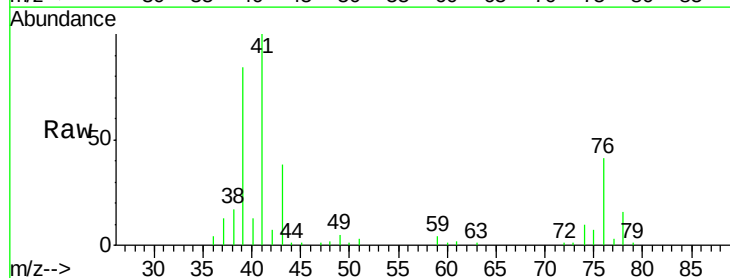
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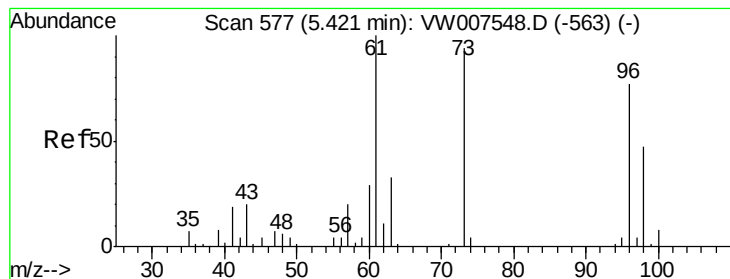
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#18
Methyl Acetate
Concen: 48.672 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion: 43 Resp: 21828
Ion Ratio Lower Upper
43 100
74 26.5 21.1 31.7





#19

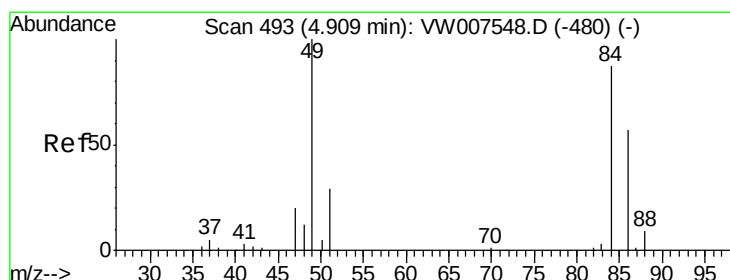
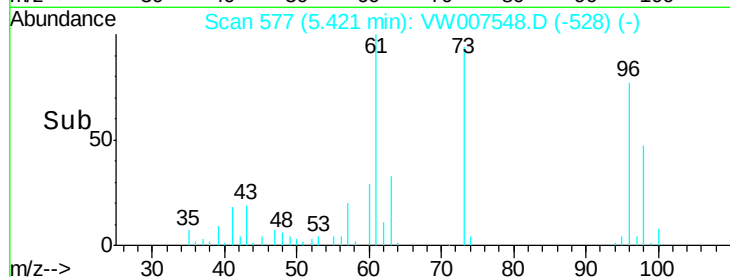
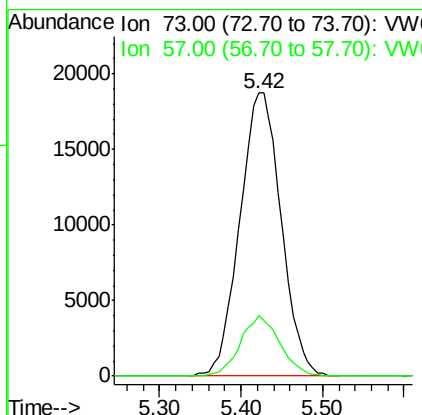
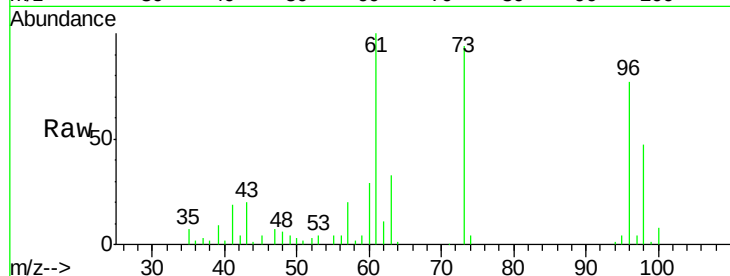
Methyl tert-butyl Ether
 Concen: 52.244 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 73 Resp: 65924
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.4 24.6

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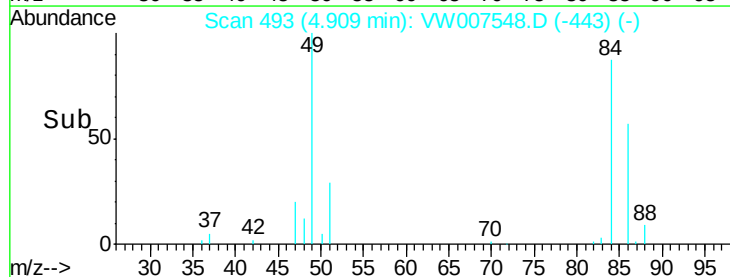
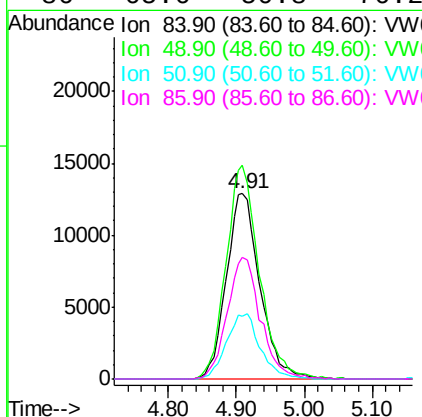
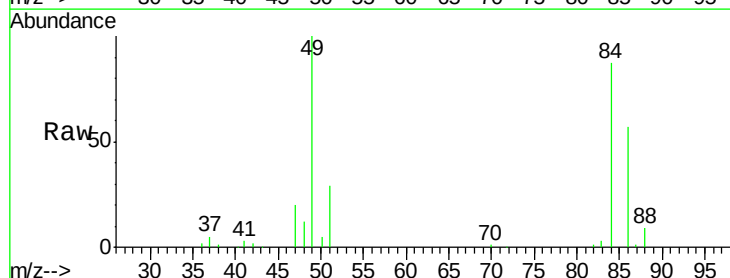
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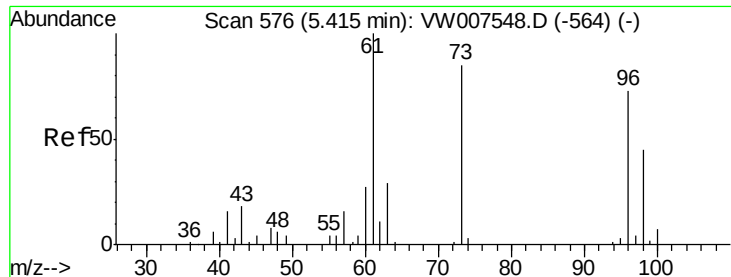


#20

Methylene Chloride
 Concen: 48.719 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion: 84 Resp: 44113
 Ion Ratio Lower Upper
 84 100
 49 115.4 87.1 130.7
 51 33.9 28.2 42.2
 86 65.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 49.620 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

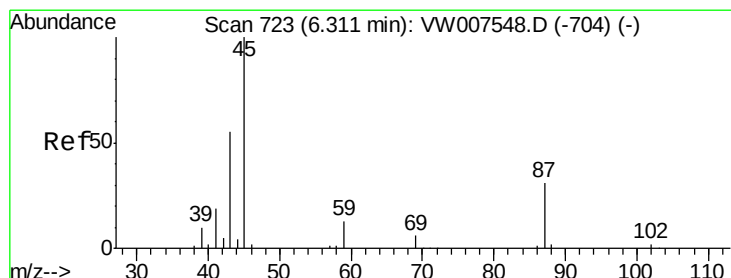
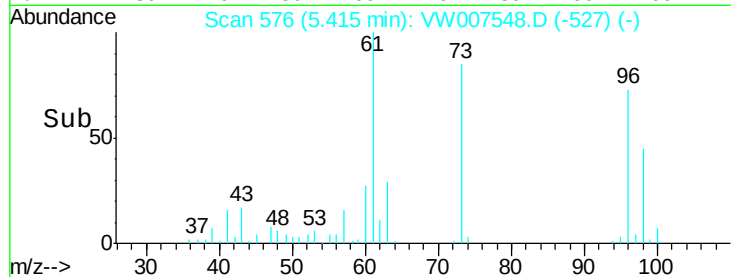
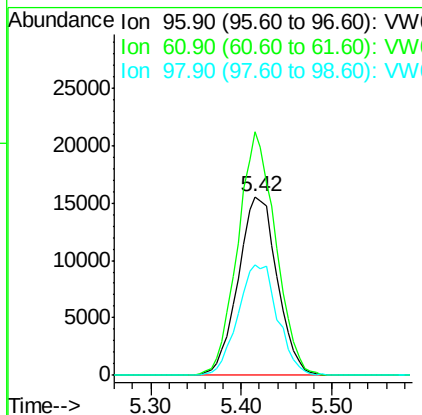
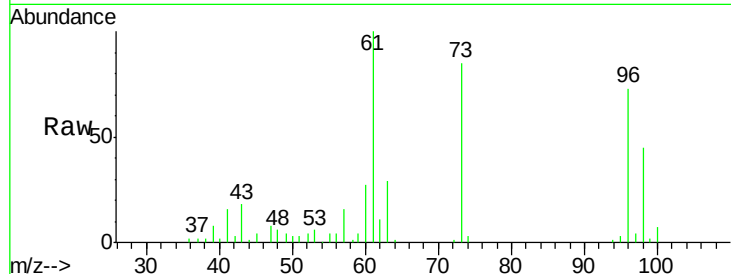
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	46430
Ion	Ratio	Lower	Upper
96	100		
61	136.3	105.0	157.6
98	61.8	49.7	74.5

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#22

Diisopropyl ether

Concen: 50.110 ug/l

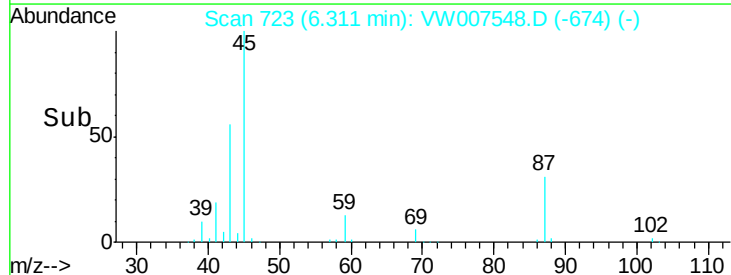
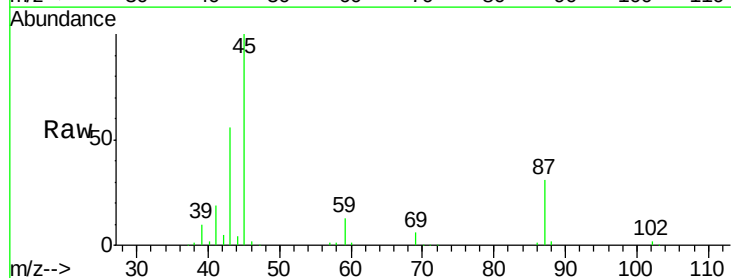
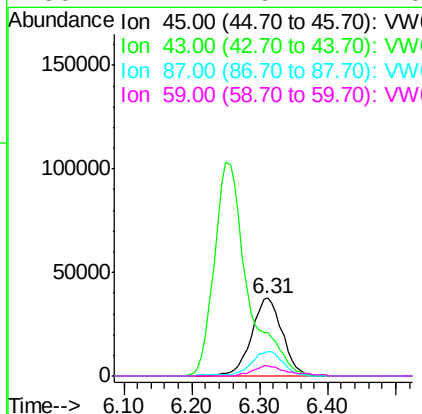
RT: 6.31 min Scan# 723

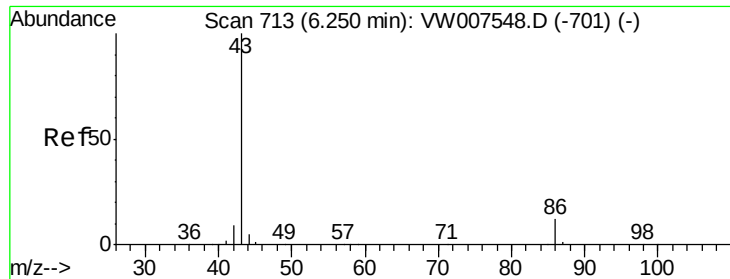
Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Tgt Ion:	45	Resp:	118757
Ion	Ratio	Lower	Upper
45	100		
43	55.8	41.6	62.4
87	31.4	24.3	36.5
59	12.7	9.4	14.0





#23

Vinyl Acetate

Concen: 264.334 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 350397

Ion Ratio Lower Upper

43 100

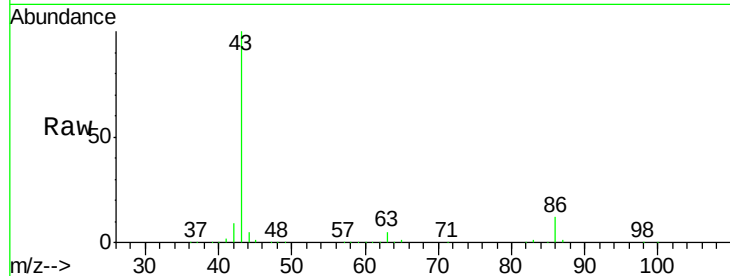
86 11.8 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

120000

100000

80000

60000

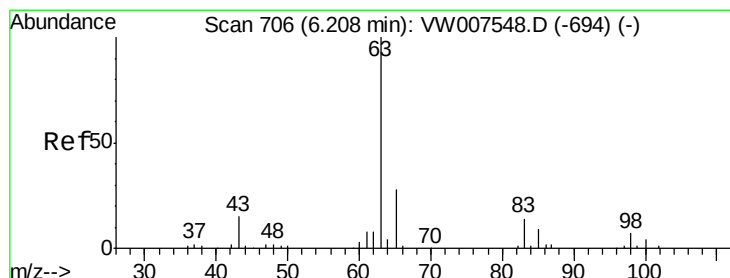
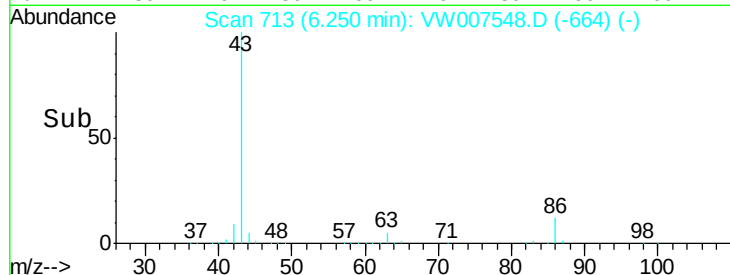
40000

20000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 48.990 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

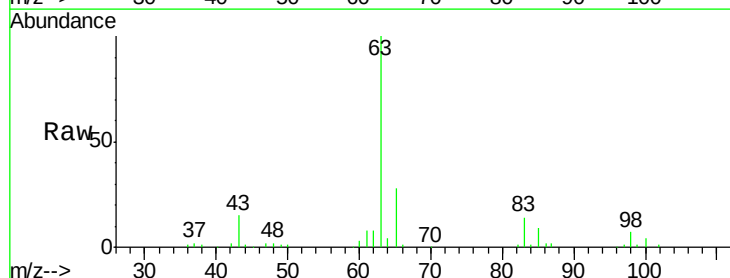
Tgt Ion: 63 Resp: 78469

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.3 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

30000

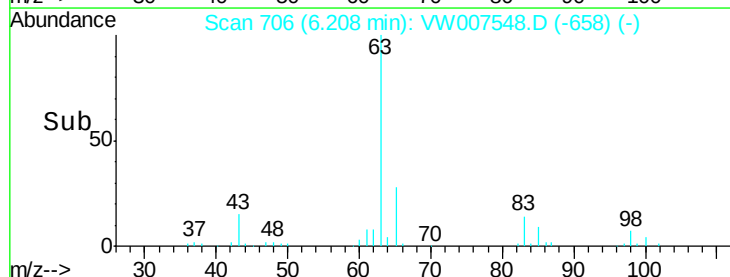
20000

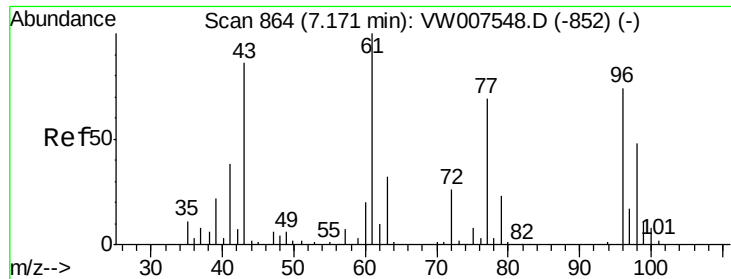
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 263.062 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 56747

Ion Ratio Lower Upper

43 100

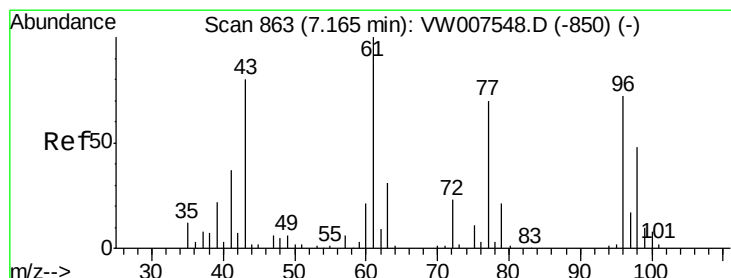
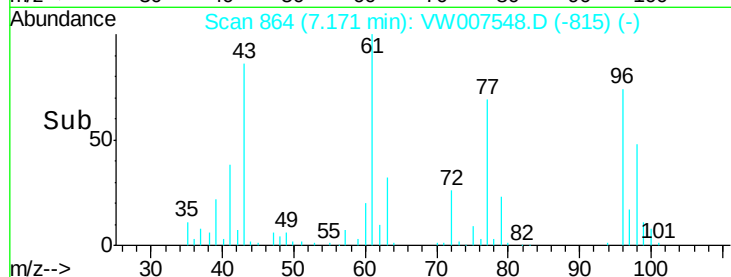
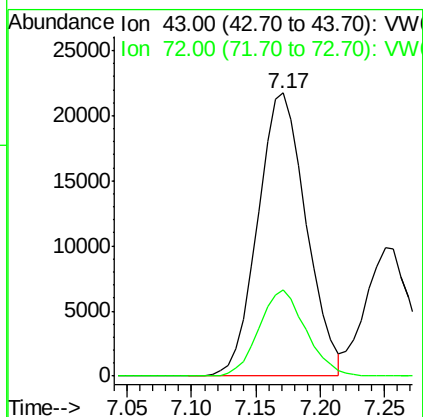
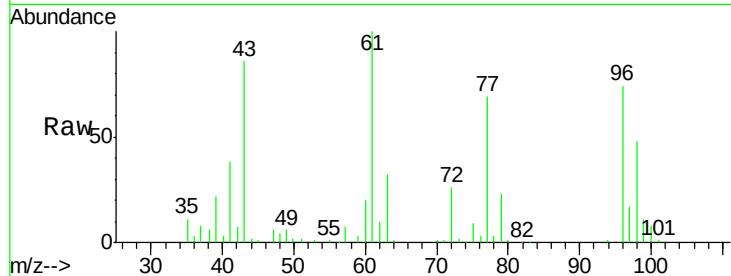
72 30.5 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 51.742 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007548.D

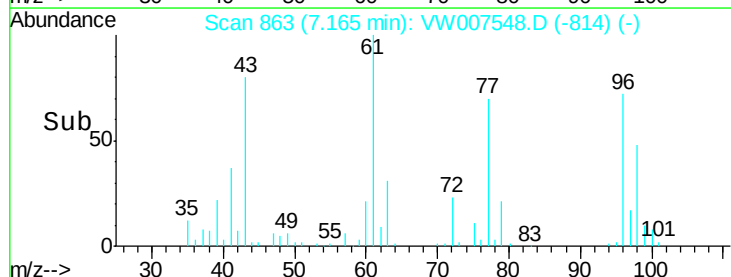
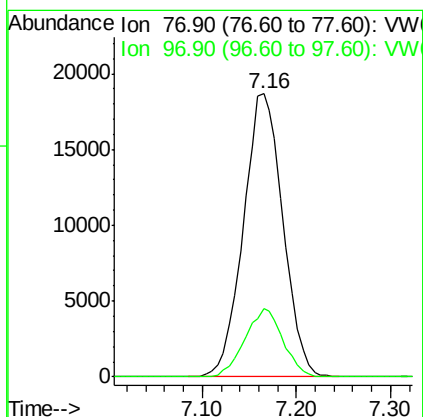
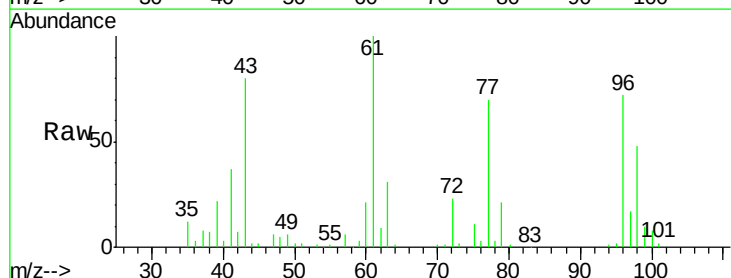
Acq: 14 Dec 2018 22:28

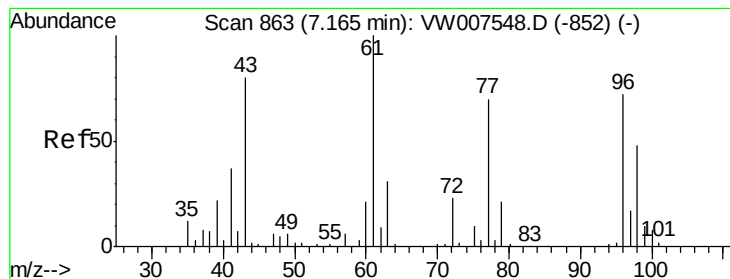
Tgt Ion: 77 Resp: 54850

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.011 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

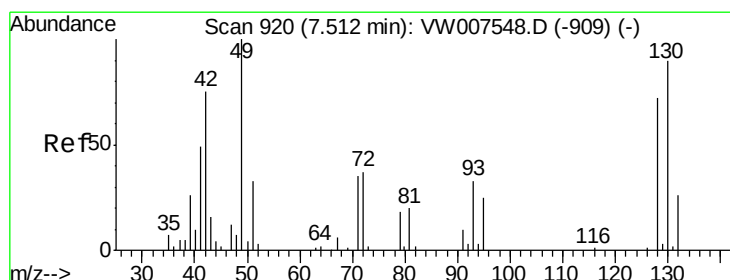
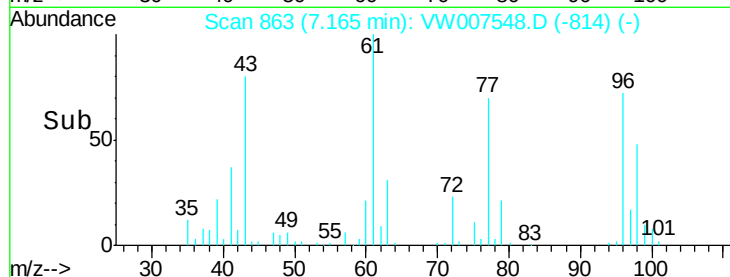
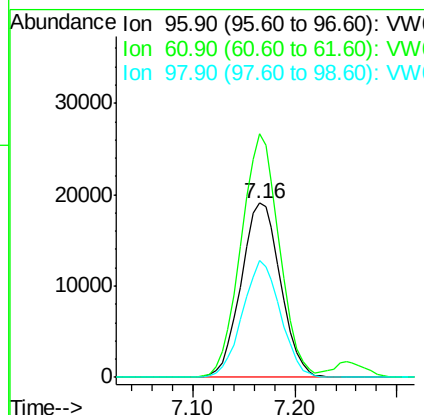
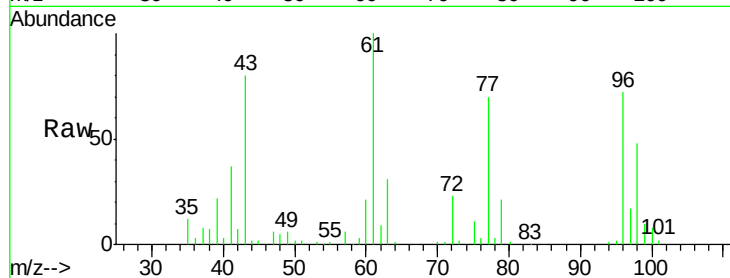
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	51240
Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	268.4
98	64.7	0.0	127.8

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#28

Bromochloromethane

Concen: 47.863 ug/l

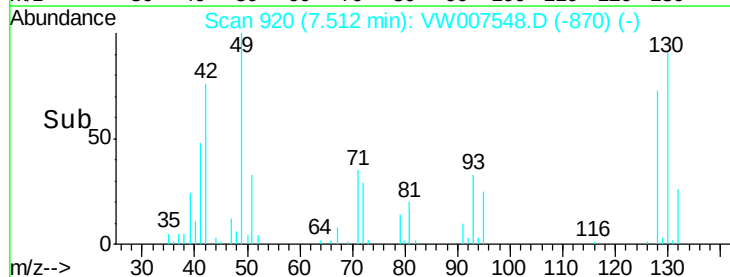
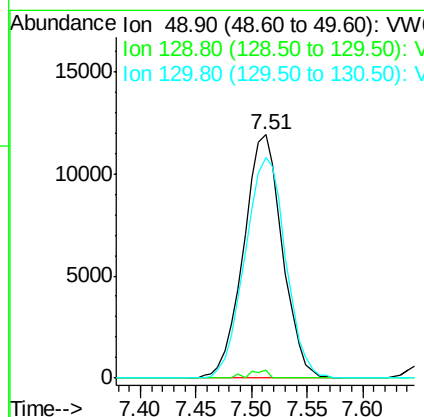
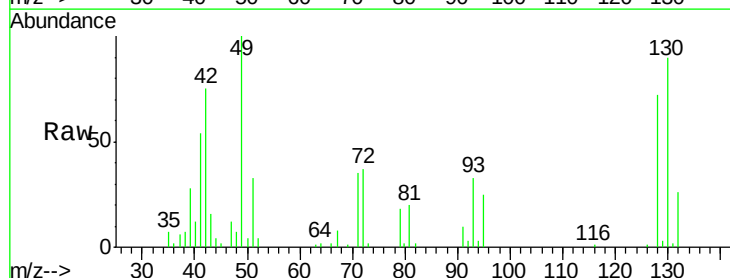
RT: 7.51 min Scan# 920

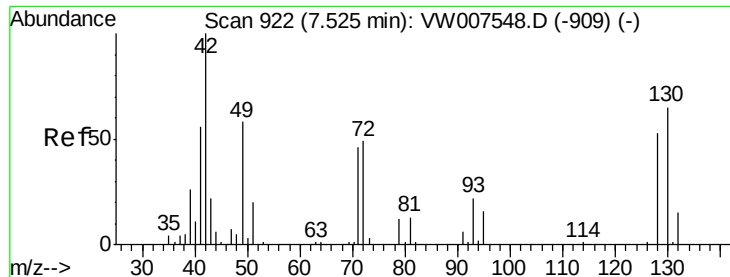
Delta R.T. 0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Tgt Ion:	49	Resp:	28837
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.6
130	95.2	75.9	113.9





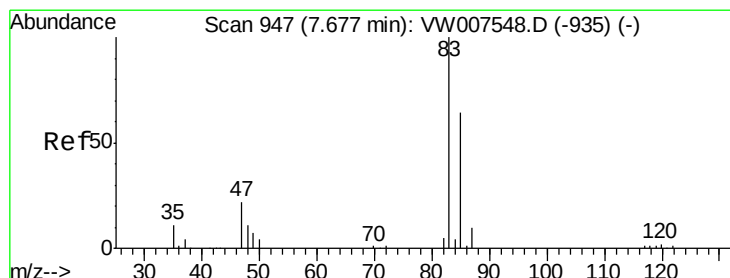
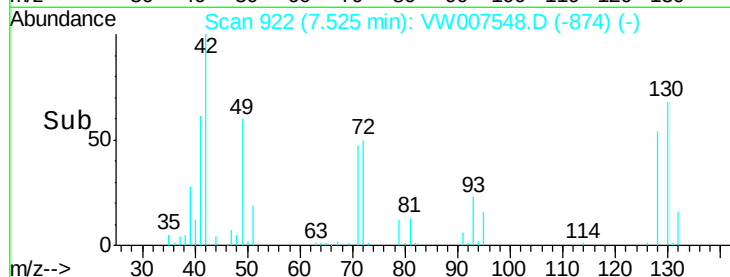
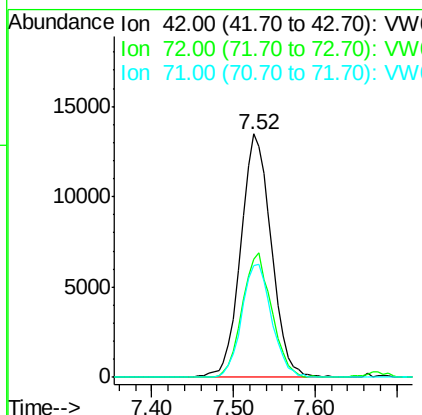
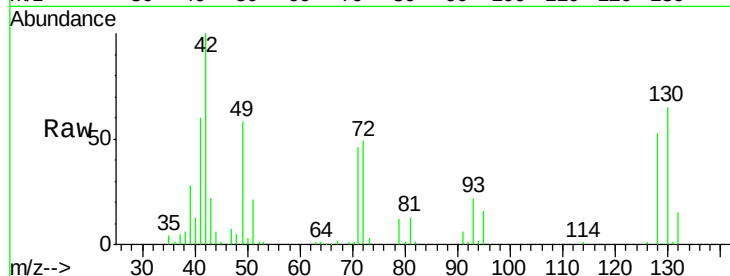
#29
Tetrahydrofuran
Concen: 256.760 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.2	38.2	57.4
71	45.2	35.5	53.3

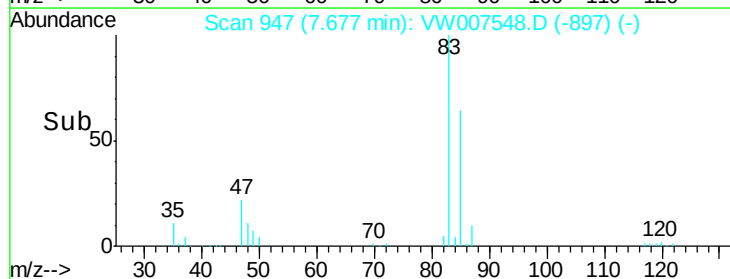
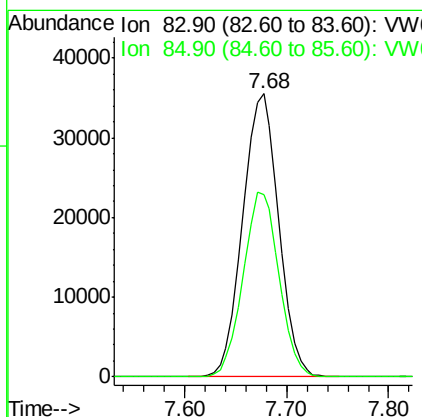
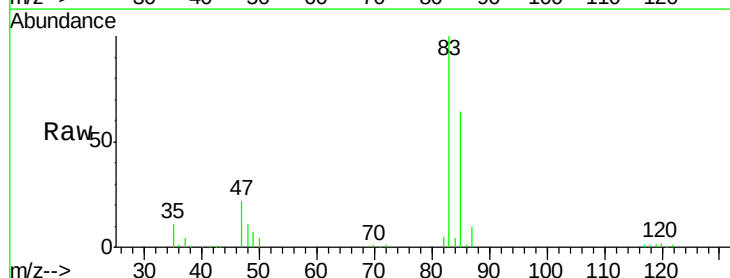
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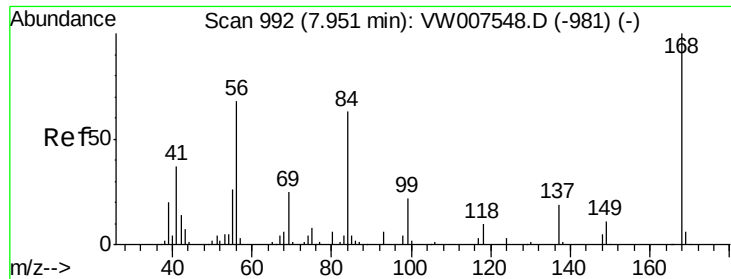
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#30
Chloroform
Concen: 50.002 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8





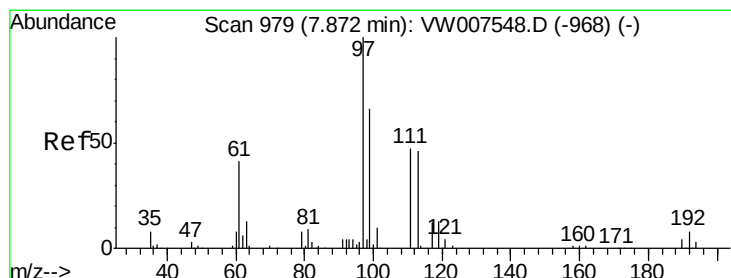
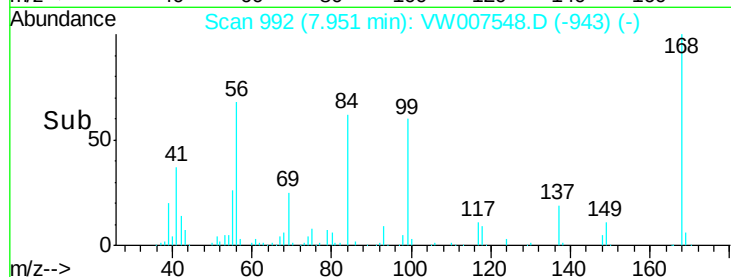
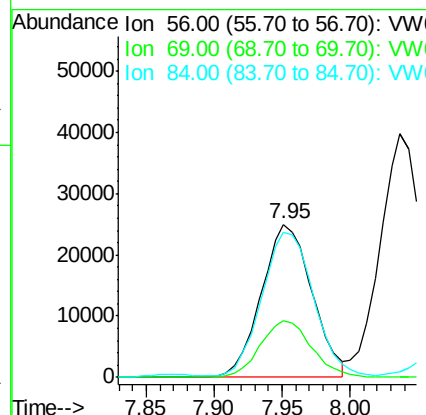
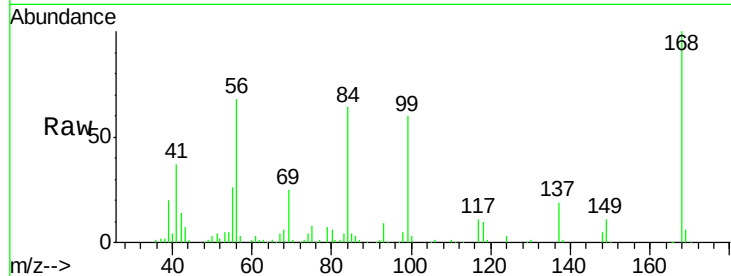
#31
Cyclohexane
Concen: 44.155 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 64890
Ion Ratio Lower Upper
56 100
69 36.8 28.9 43.3
84 93.4 71.8 107.6

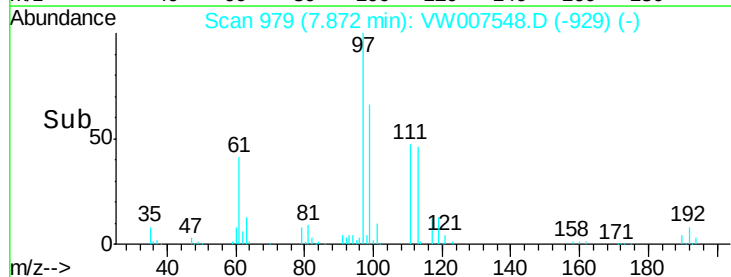
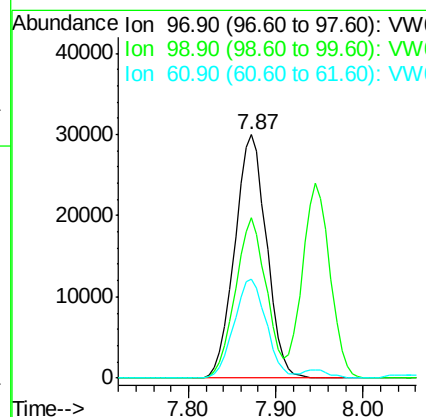
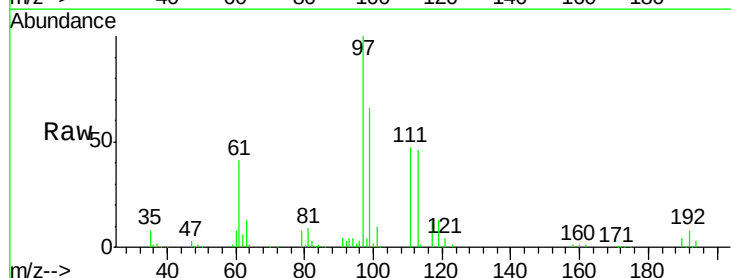
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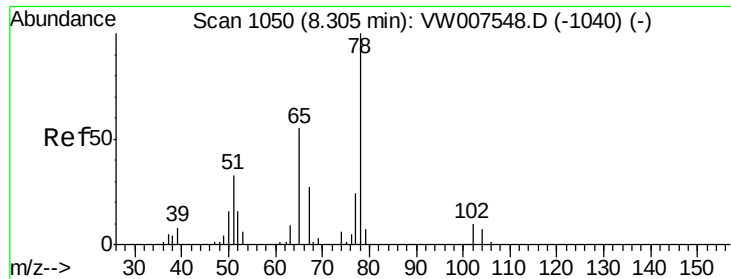
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#32
1,1,1-Trichloroethane
Concen: 49.491 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion: 97 Resp: 75651
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 41.2 33.2 49.8





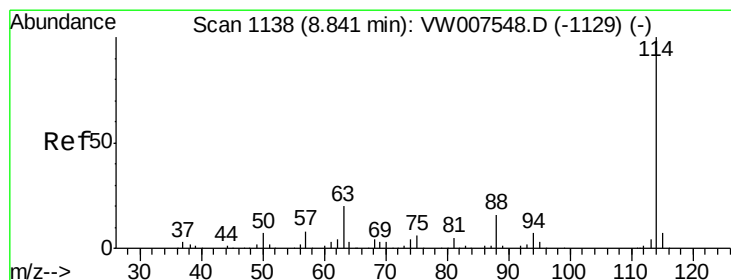
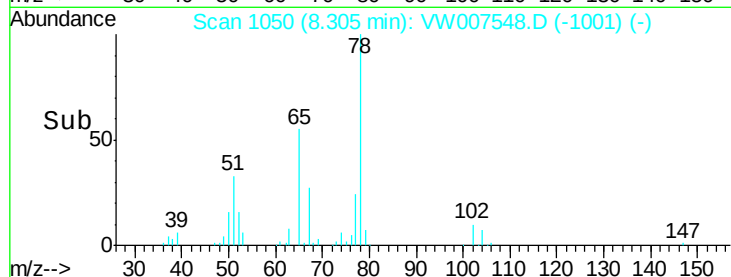
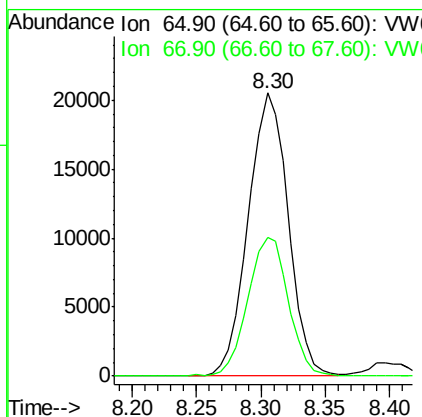
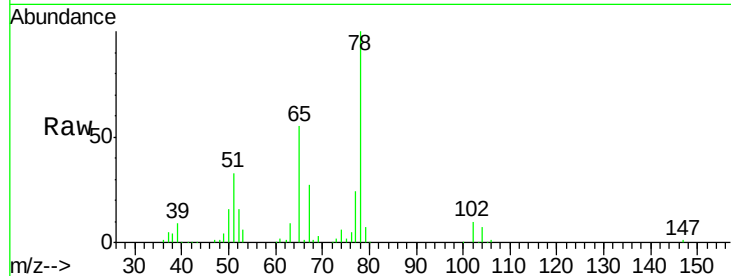
#33
 1,2-Dichloroethane-d4
 Concen: 46.620 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 44102
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.6

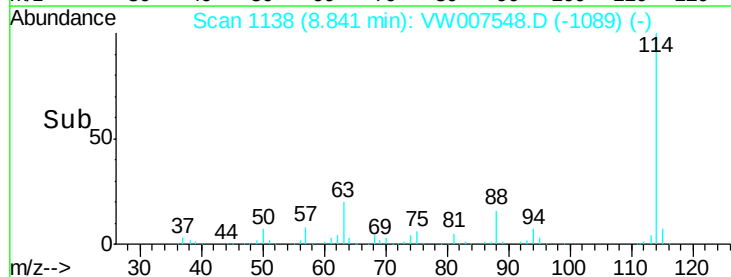
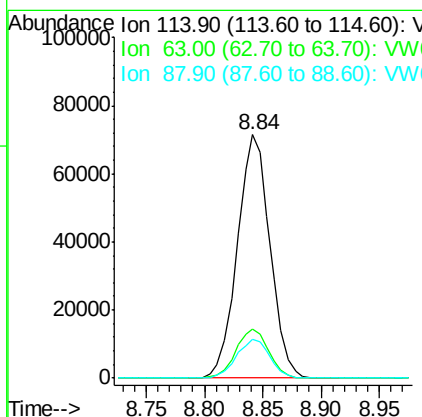
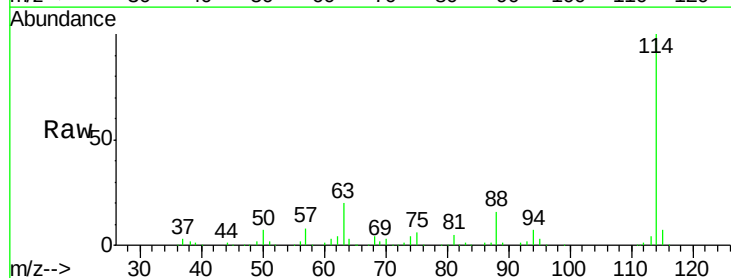
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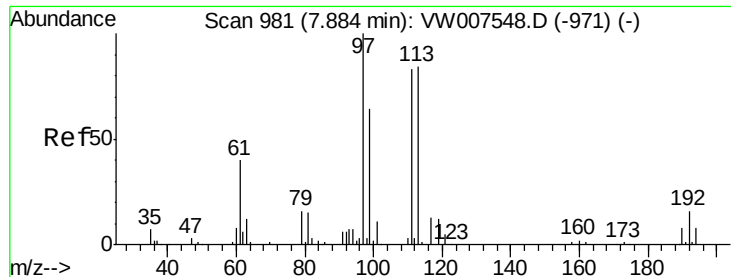
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion: 114 Resp: 139308
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 16.2 0.0 31.4





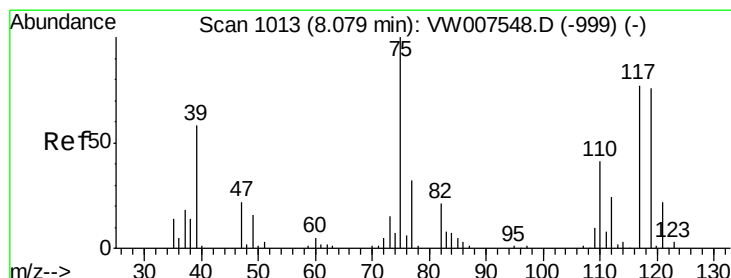
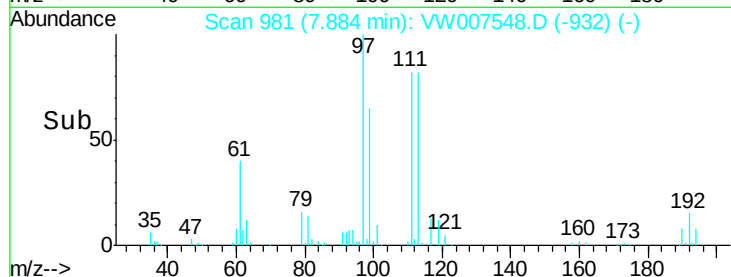
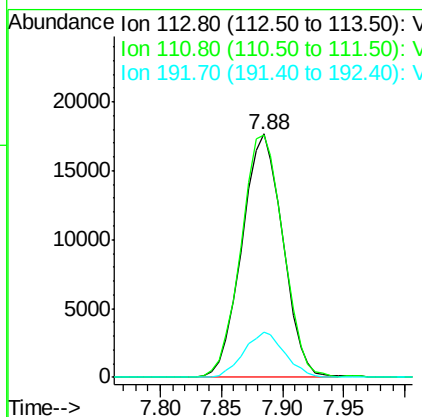
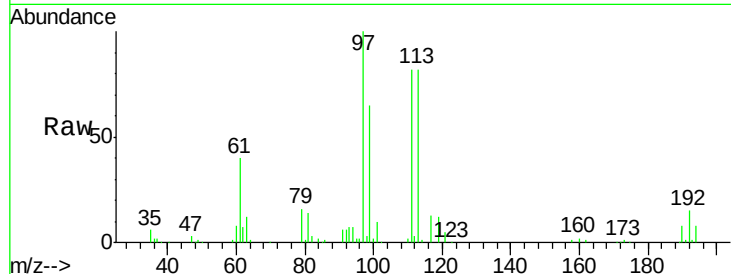
#35
 Dibromofluoromethane
 Concen: 48.719 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 41084
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 18.5 14.6 21.8

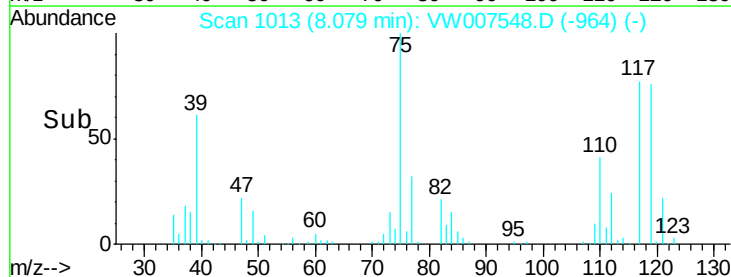
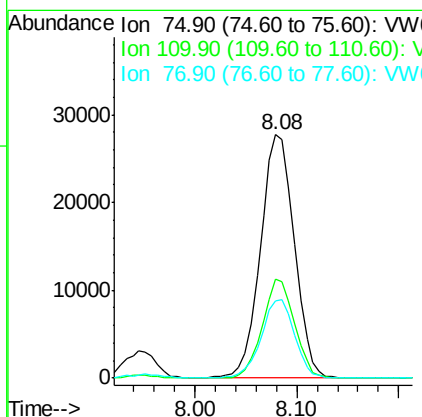
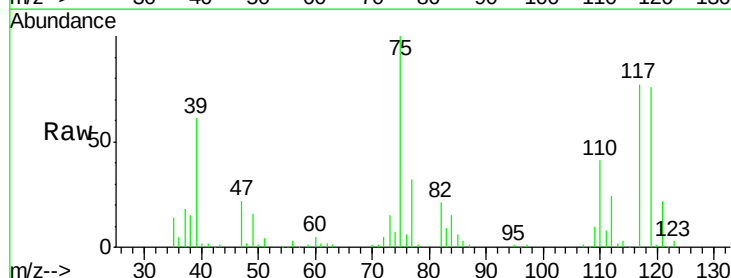
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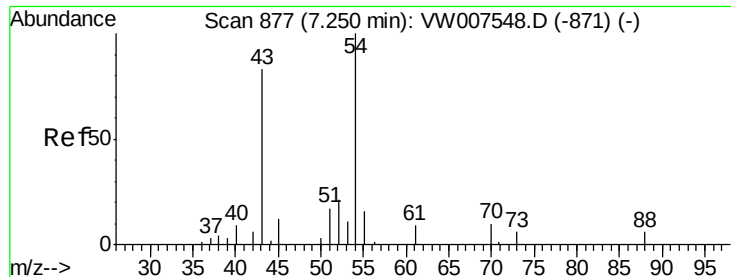
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#36
 1,1-Dichloropropene
 Concen: 50.324 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion: 75 Resp: 63952
 Ion Ratio Lower Upper
 75 100
 110 38.3 18.5 55.5
 77 31.7 25.6 38.4





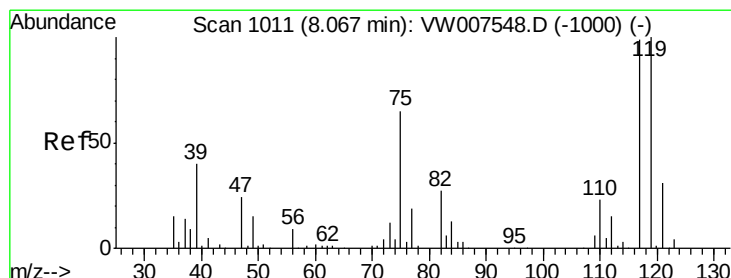
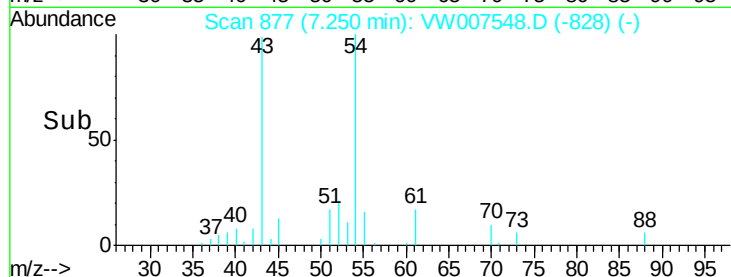
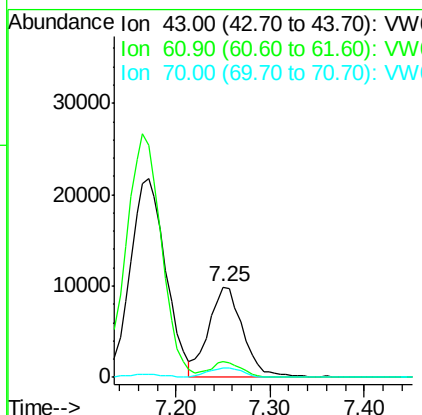
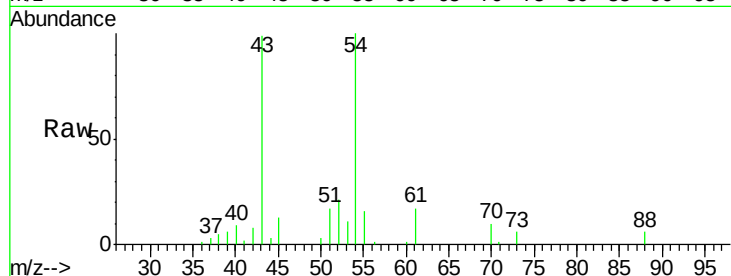
#37
Ethyl Acetate
Concen: 53.099 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.1	18.1
70	10.9	10.0	15.0

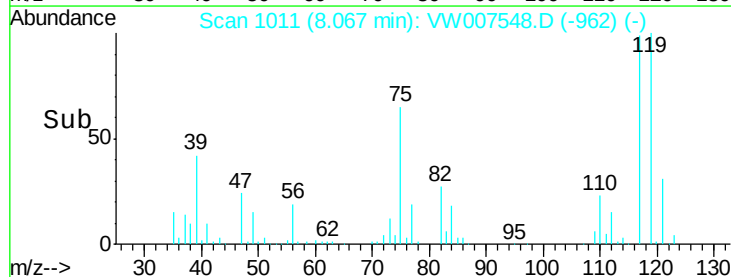
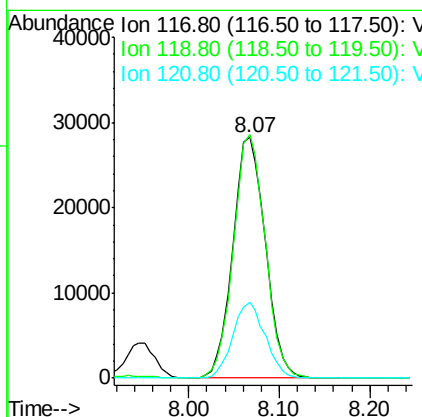
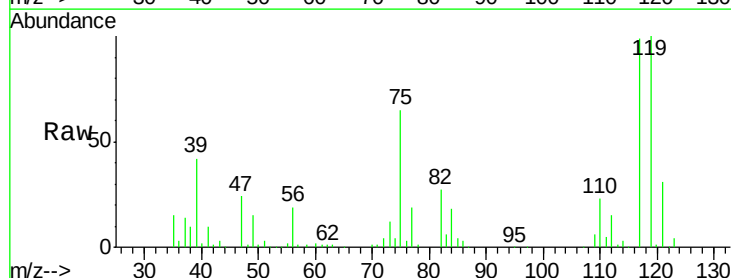
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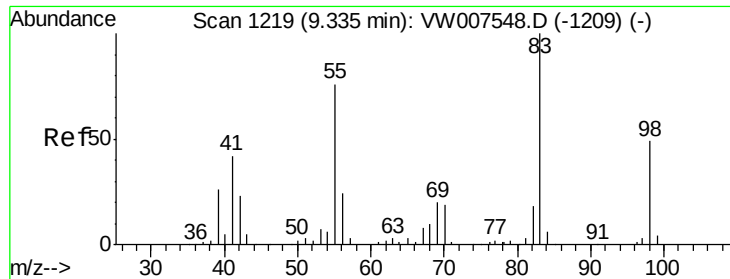
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#38
Carbon Tetrachloride
Concen: 51.304 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.2	74.3	111.5
121	31.5	24.3	36.5





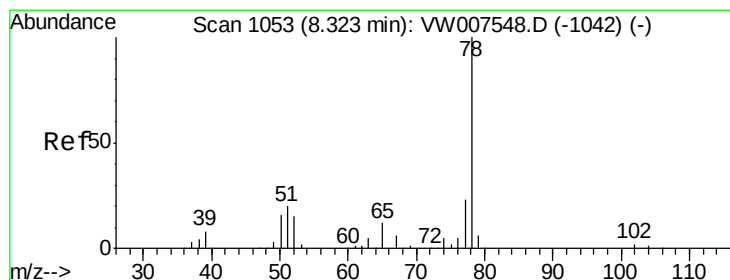
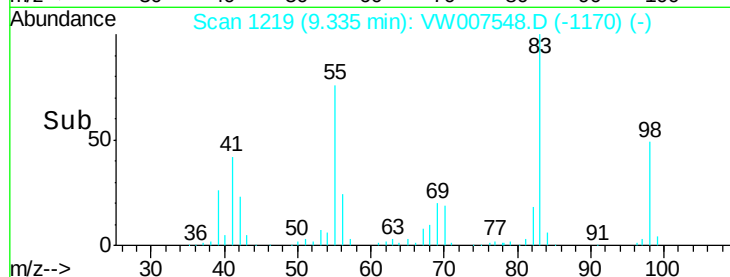
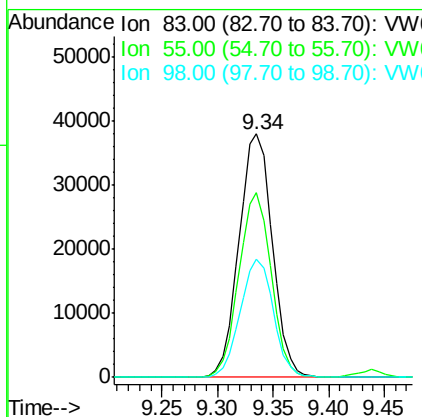
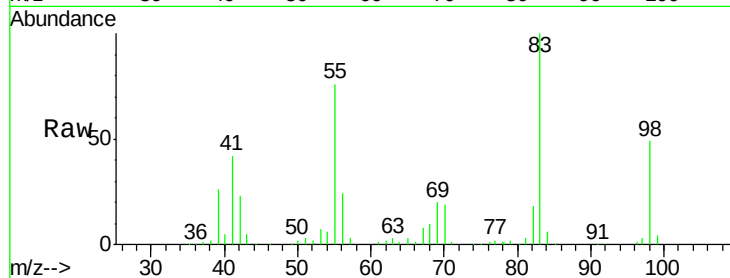
#39
Methylcyclohexane
Concen: 51.515 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.1	62.8	94.2
98	48.5	42.2	63.2

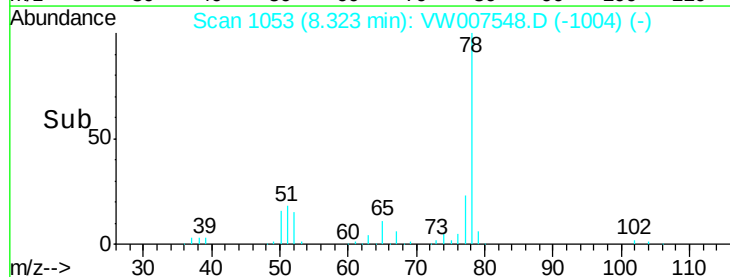
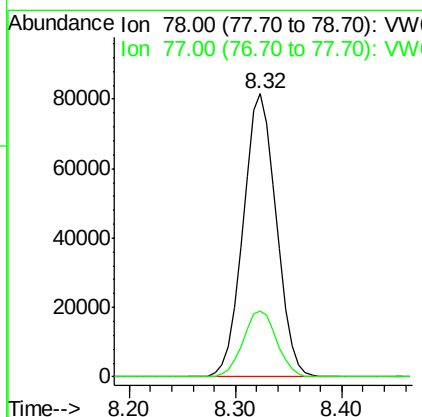
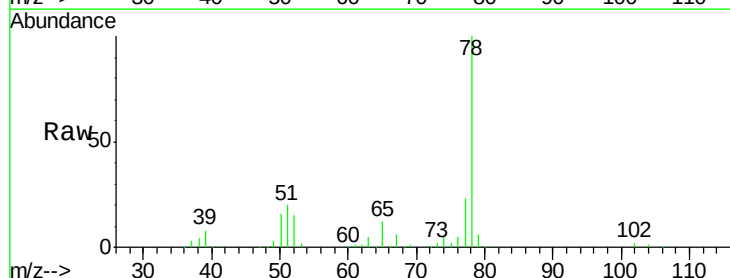
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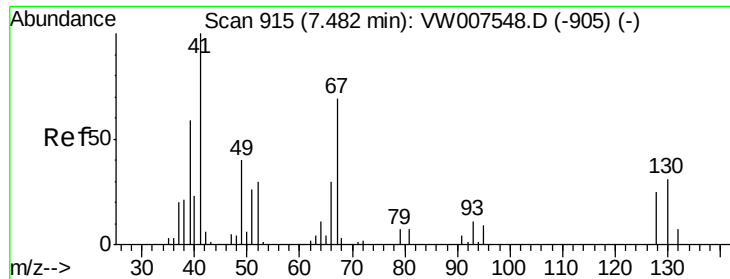
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#40
Benzene
Concen: 50.518 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





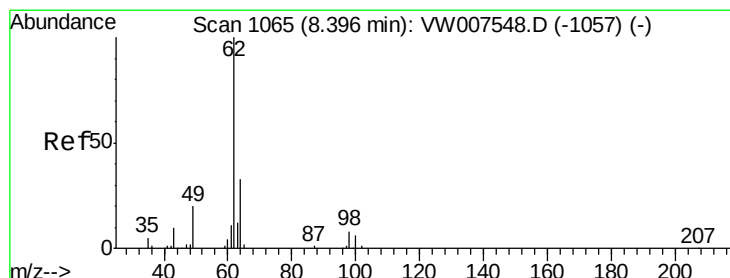
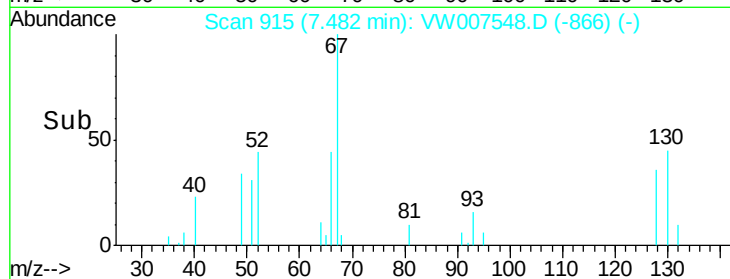
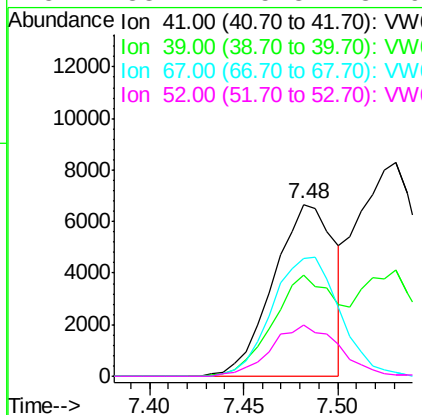
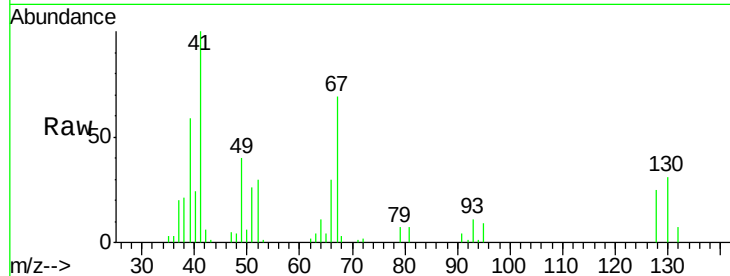
#41
Methacrylonitrile
Concen: 55.781 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	15014
Ion	Ratio	Lower	Upper
41	100		
39	64.8	52.2	78.2
67	76.6	60.5	90.7
52	33.2	25.3	37.9

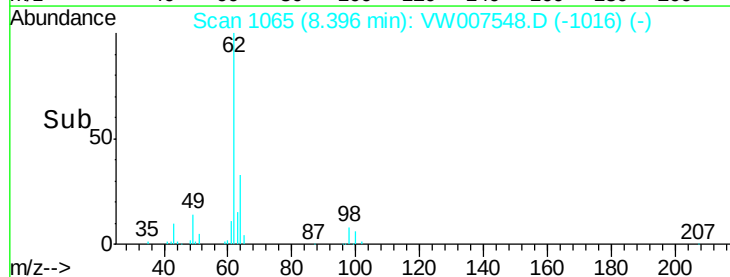
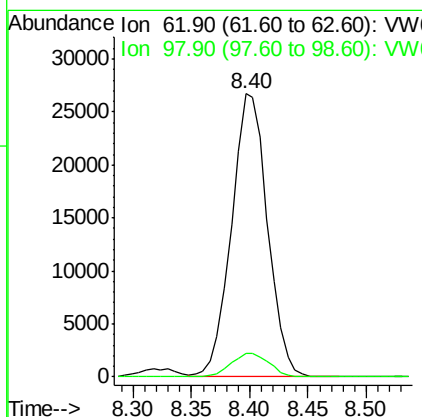
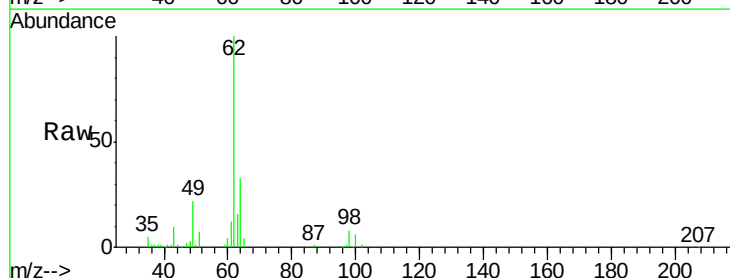
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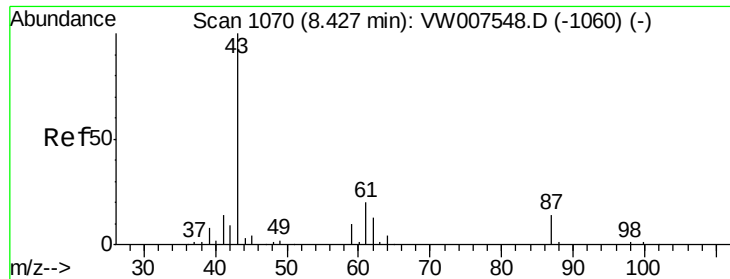
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#42
1,2-Dichloroethane
Concen: 52.034 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion:	62	Resp:	57646
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 53.118 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

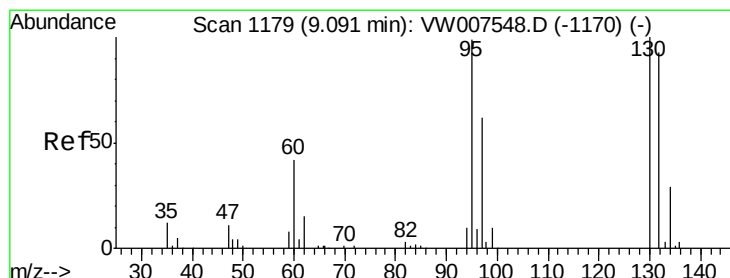
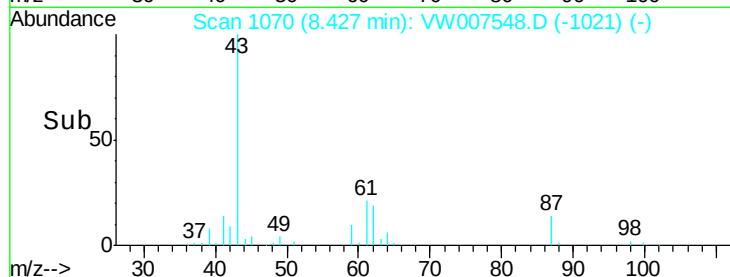
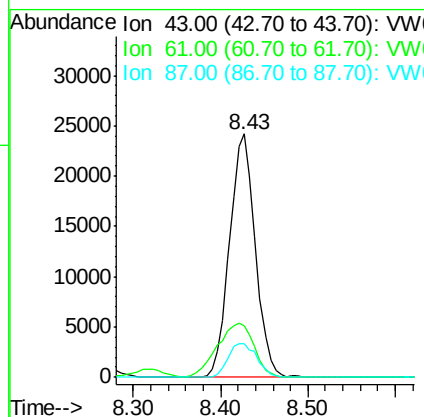
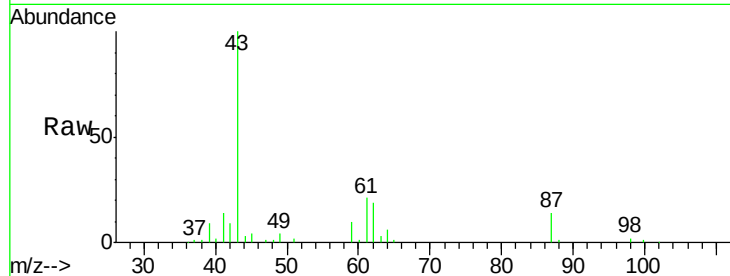
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	49594
Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.3	37.9
87	15.4	11.8	17.8

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#44

Trichloroethene

Concen: 51.751 ug/l

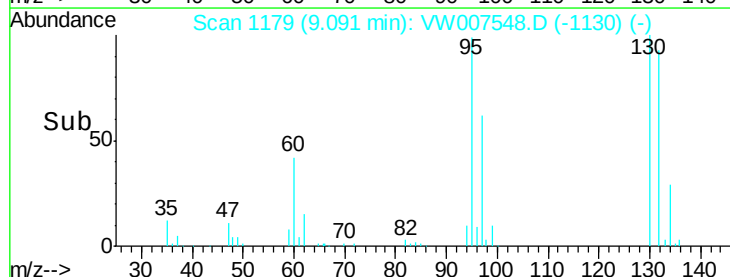
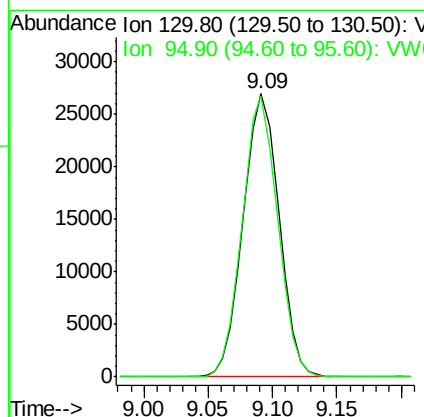
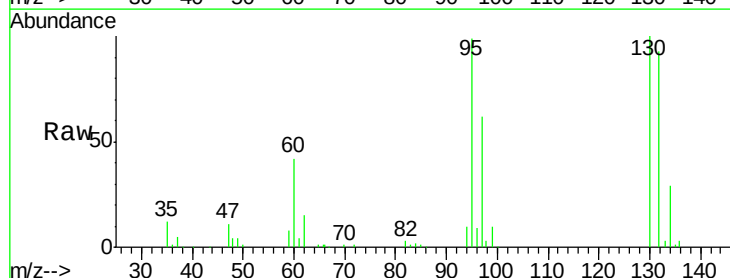
RT: 9.09 min Scan# 1179

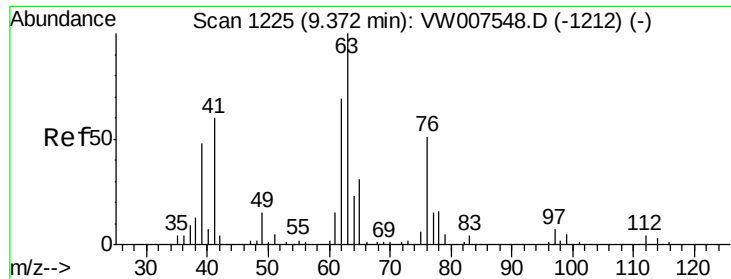
Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Tgt Ion:	130	Resp:	52118
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	193.2





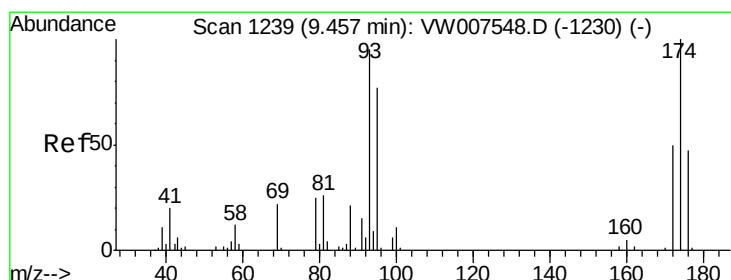
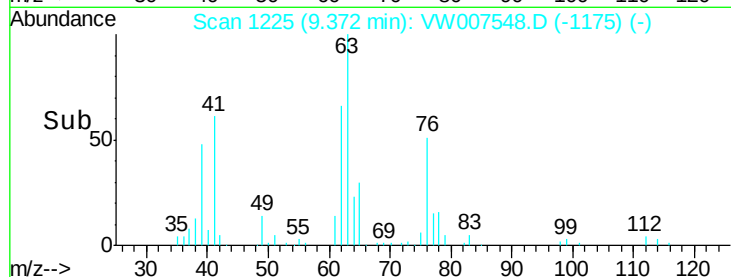
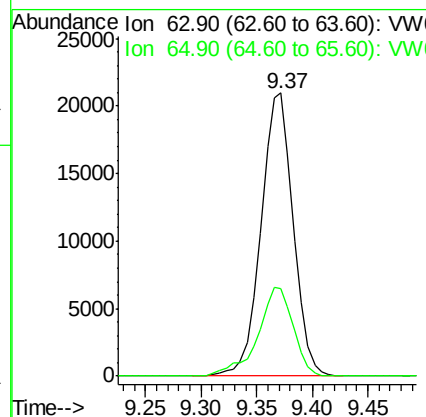
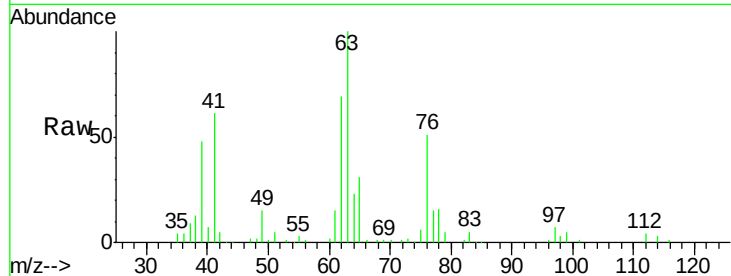
#45
 1,2-Dichloropropane
 Concen: 51.650 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 42153
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6

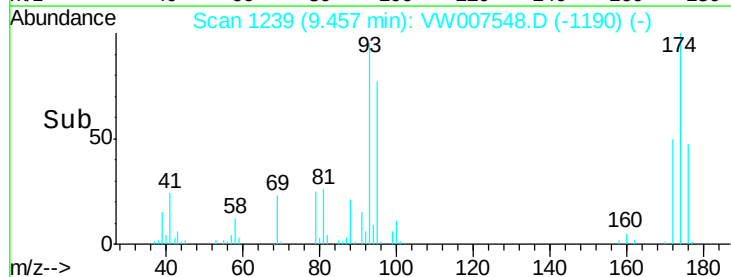
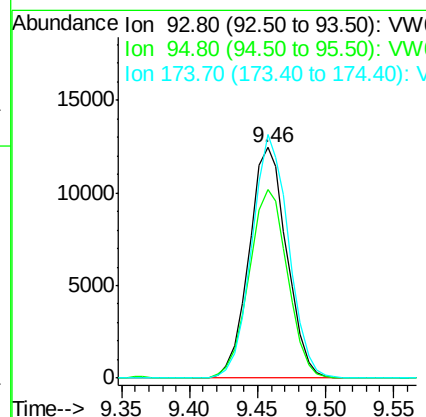
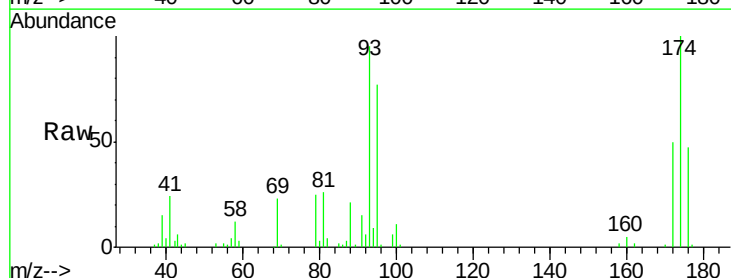
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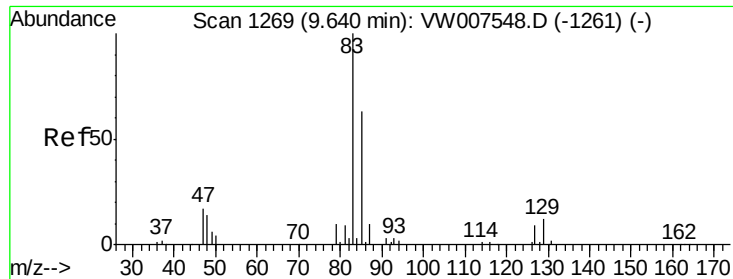
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#46
 Dibromomethane
 Concen: 52.226 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion: 93 Resp: 24205
 Ion Ratio Lower Upper
 93 100
 95 83.3 68.0 102.0
 174 103.2 83.2 124.8





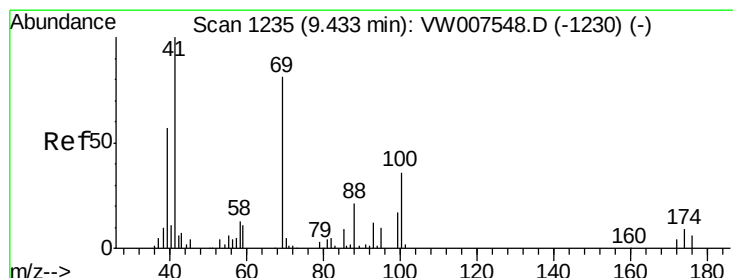
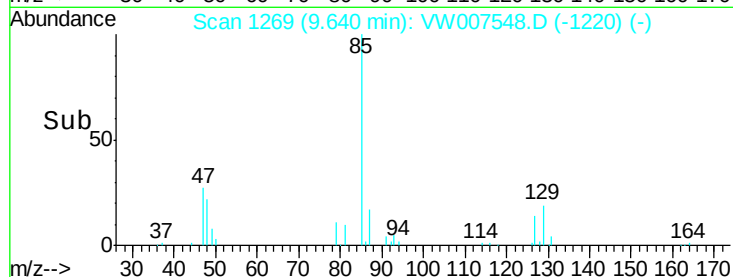
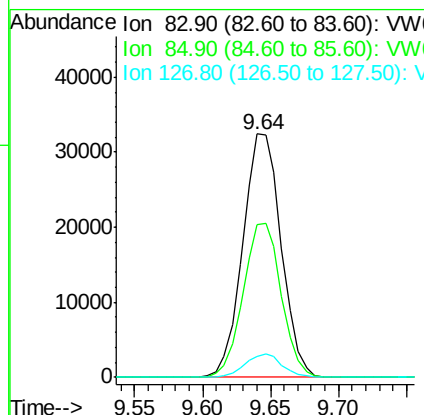
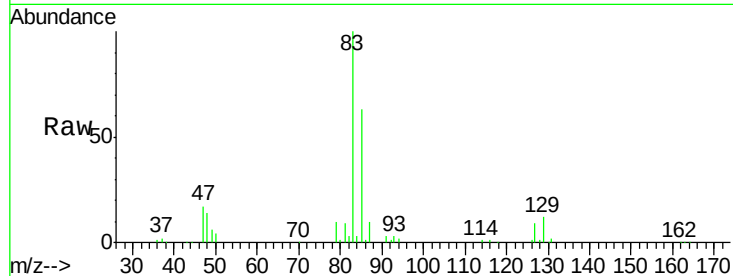
#47
 Bromodichloromethane
 Concen: 52.501 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	63825		
85	63.0		47.6	71.4
127	8.7		6.7	10.1

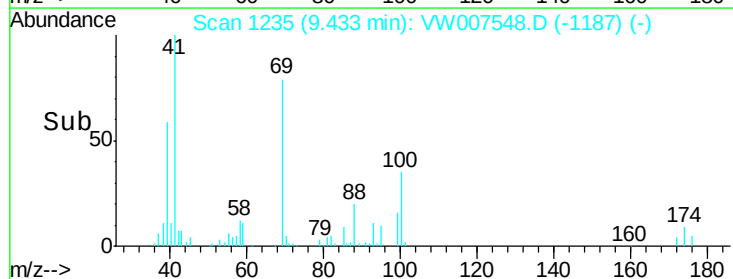
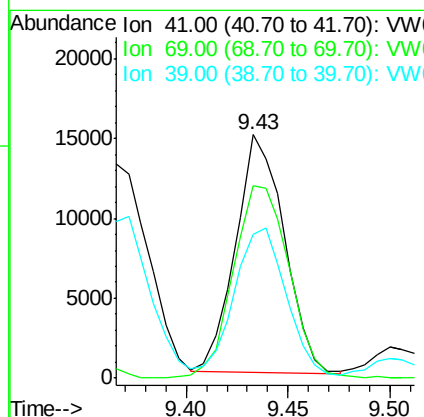
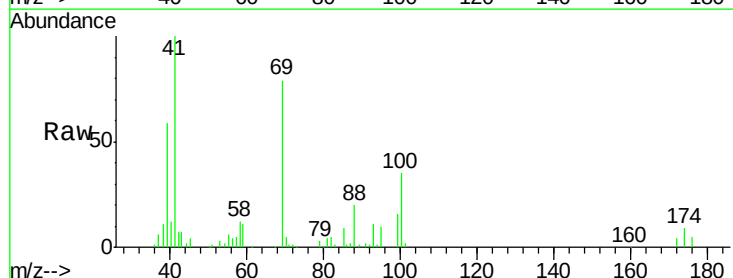
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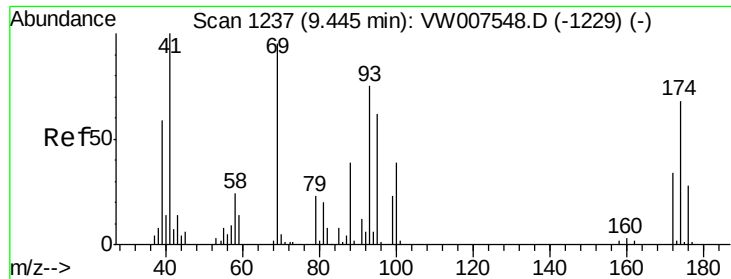
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#48
 Methyl methacrylate
 Concen: 51.491 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	24690		
69	92.4		69.8	104.8
39	64.6		50.9	76.3





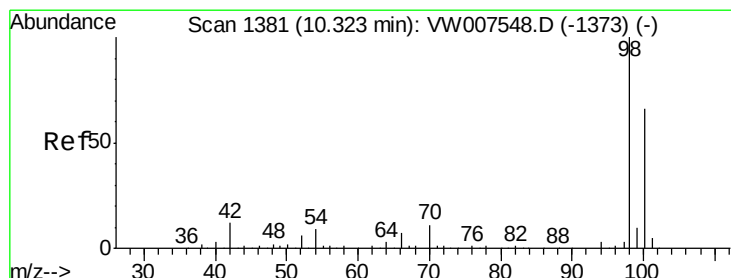
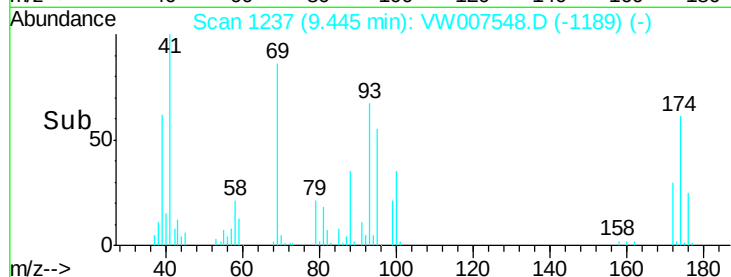
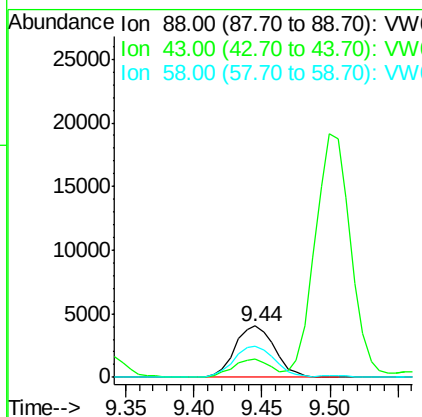
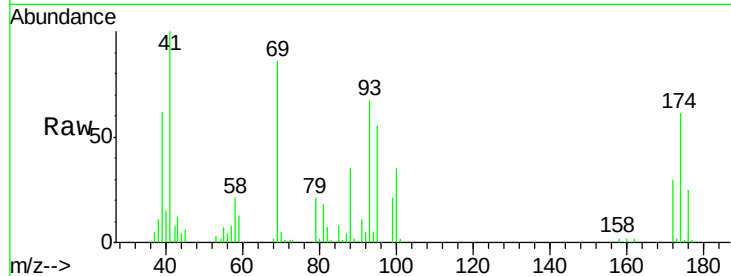
#49
 1,4-Dioxane
 Concen: 1096.000 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.0	37.4
58	62.9	51.4	77.2

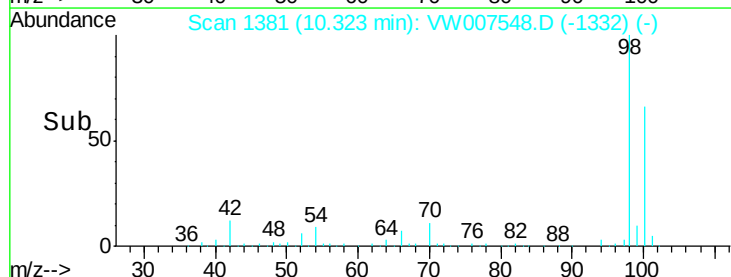
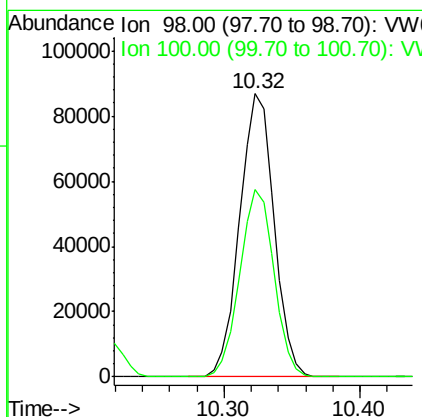
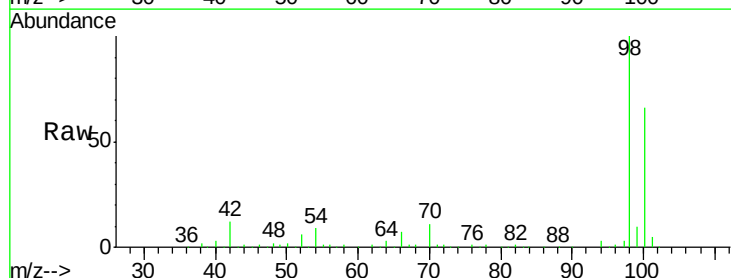
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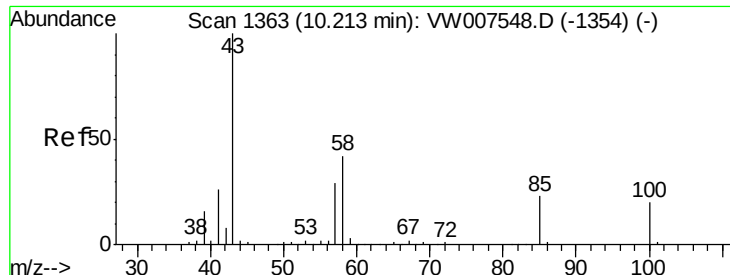
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#50
 Toluene-d8
 Concen: 48.596 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 278.869 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

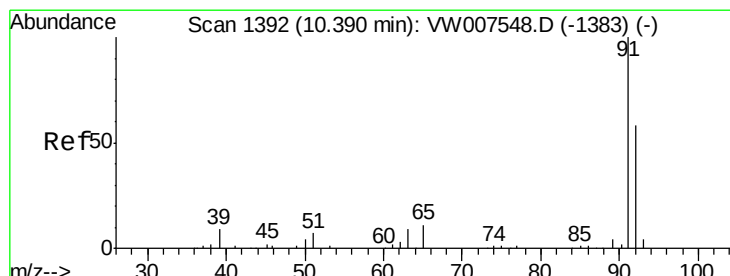
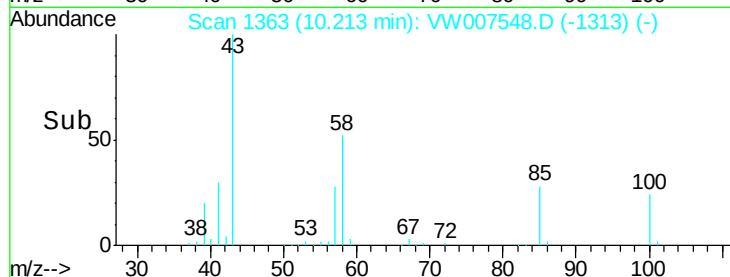
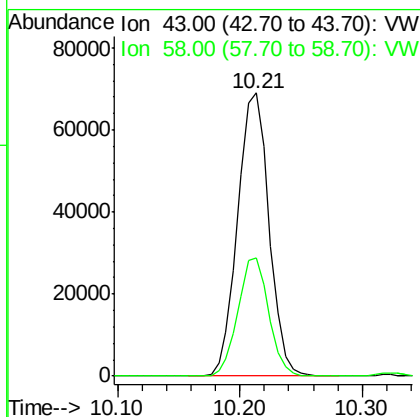
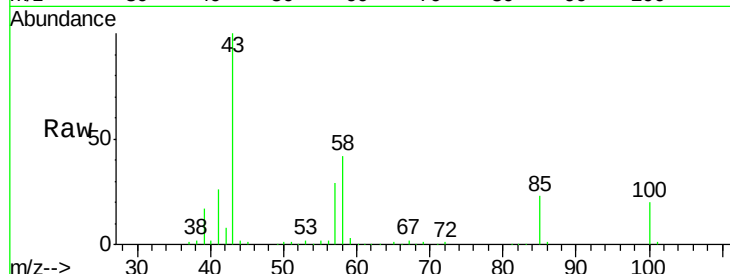
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.8	33.1	49.7

Manual Integrations
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#52

Toluene

Concen: 53.121 ug/l

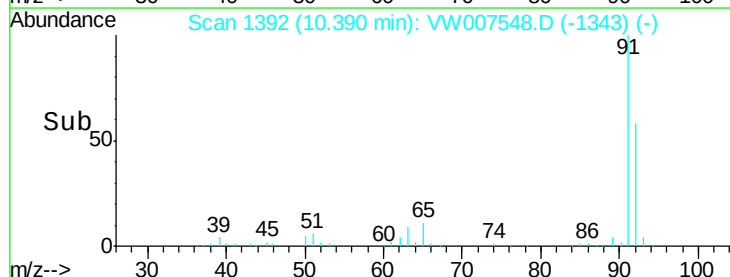
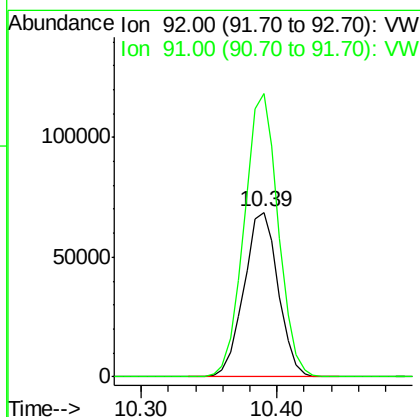
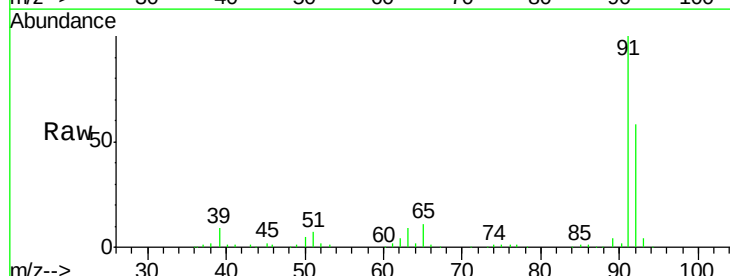
RT: 10.39 min Scan# 1392

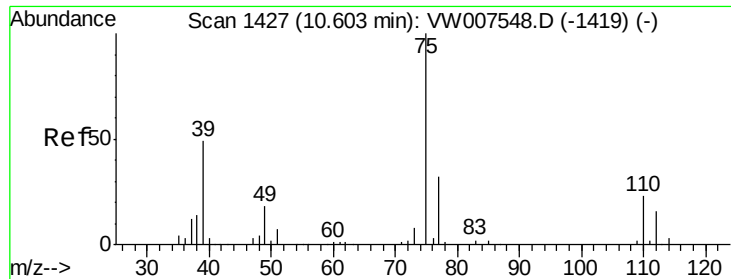
Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.9	136.2	204.2





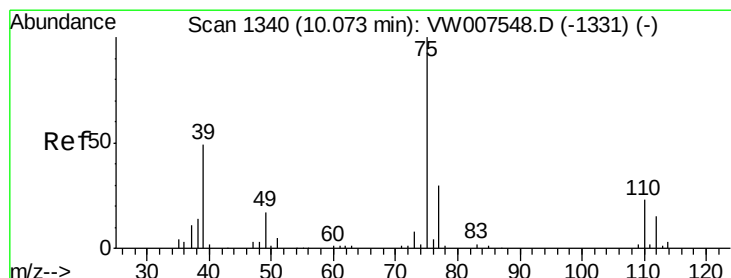
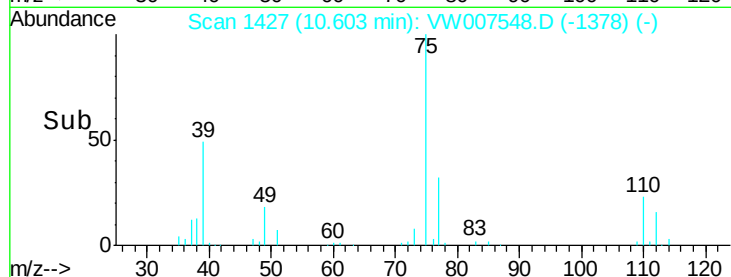
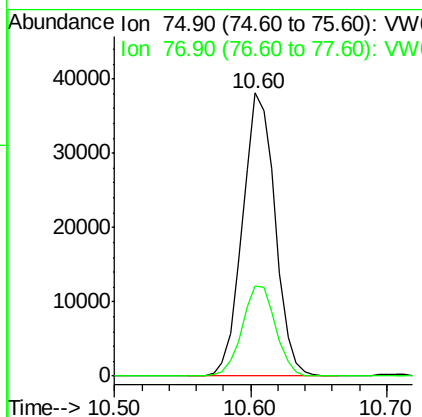
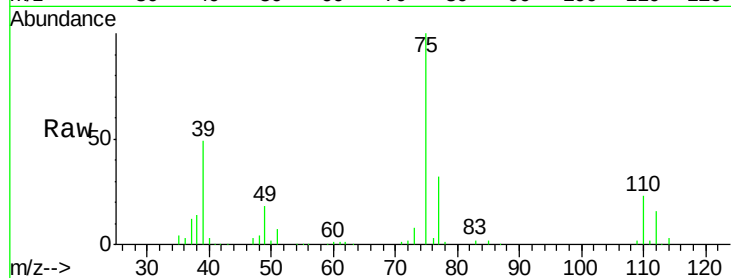
#53
 t-1,3-Dichloropropene
 Concen: 54.188 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 63954
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.4

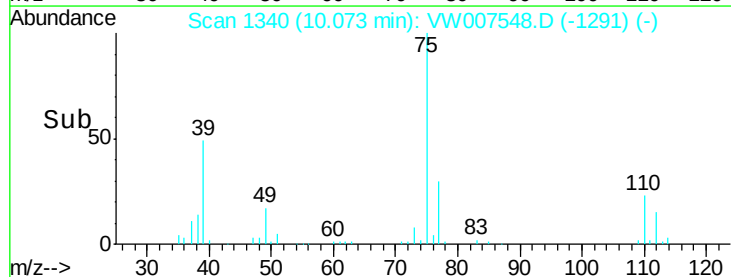
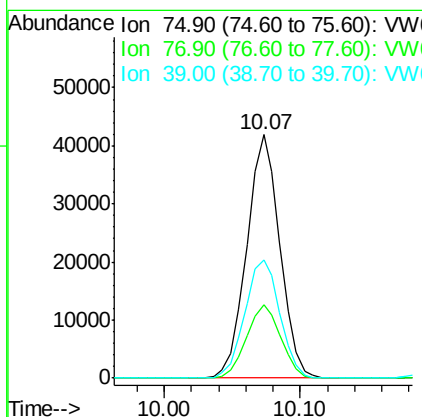
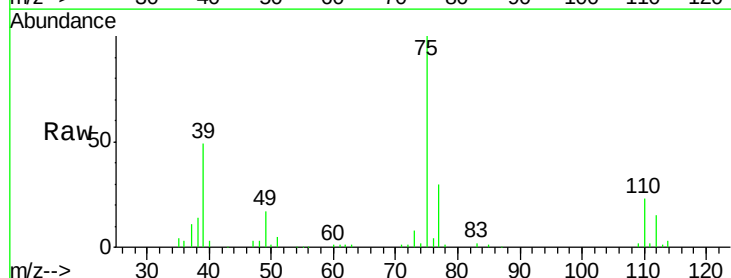
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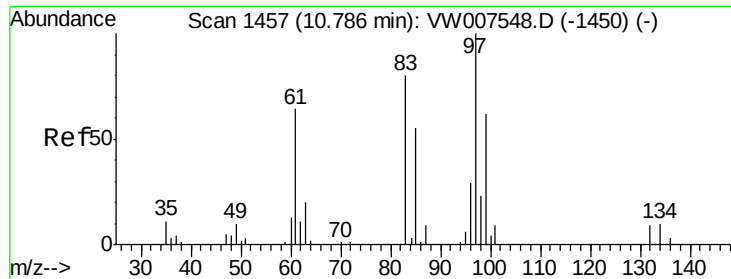
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#54
 cis-1,3-Dichloropropene
 Concen: 52.335 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion: 75 Resp: 71403
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.8 37.2
 39 48.8 40.9 61.3





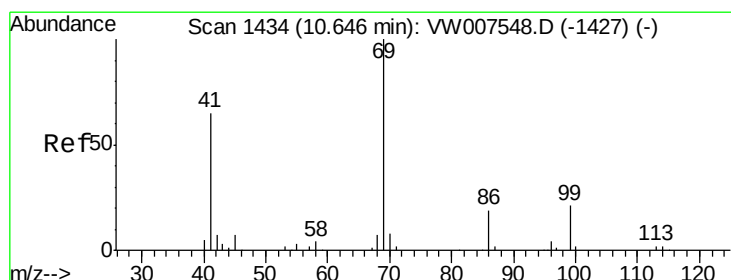
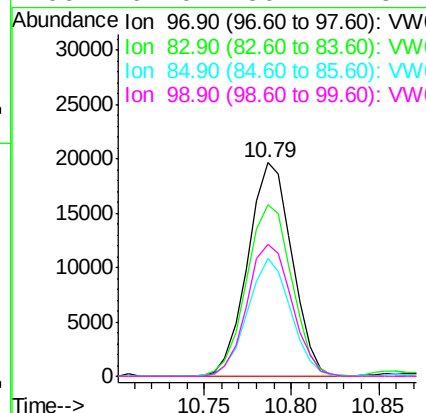
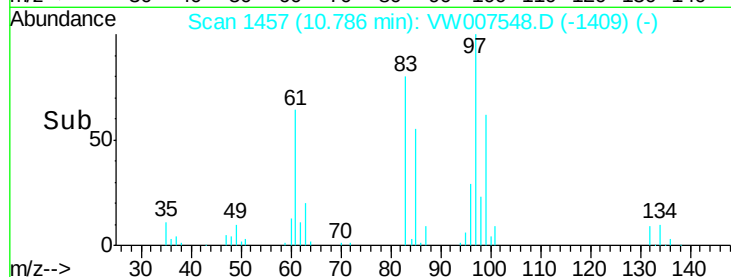
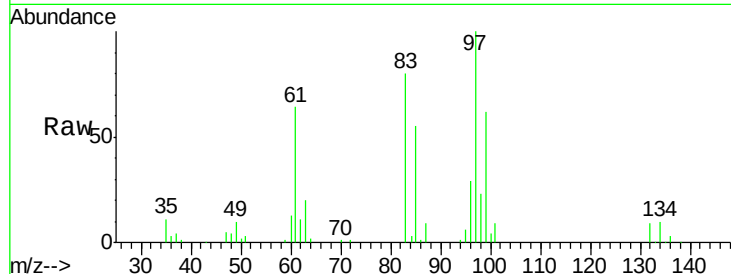
#55
 1,1,2-Trichloroethane
 Concen: 54.797 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		34565		
83	80.2	62.1	93.1		
85	55.0	44.2	66.4		
99	62.0	50.2	75.4		

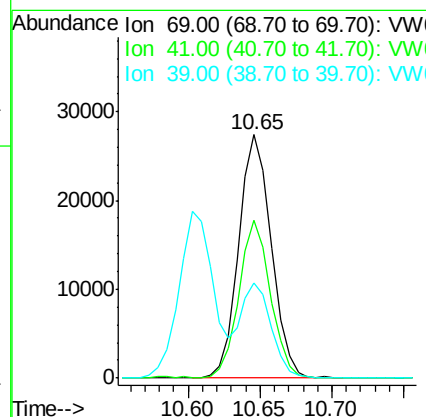
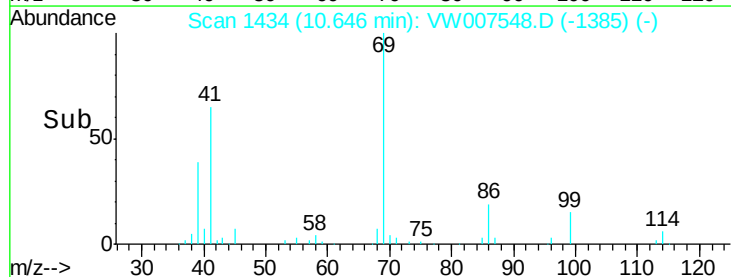
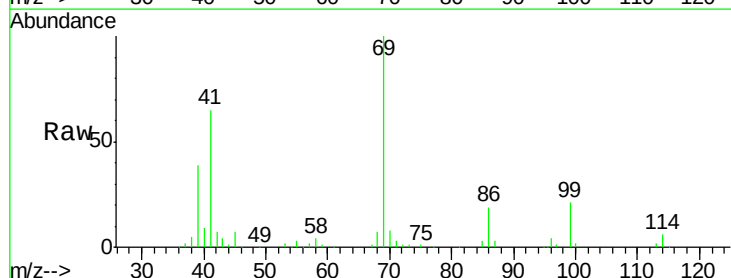
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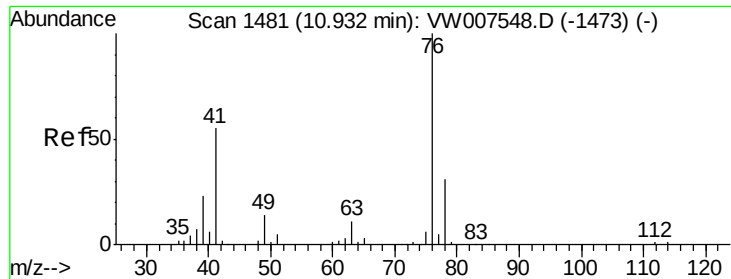
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#56
 Ethyl methacrylate
 Concen: 56.962 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		43187		
41	63.0	51.0	76.6		
39	37.5	30.8	46.2		





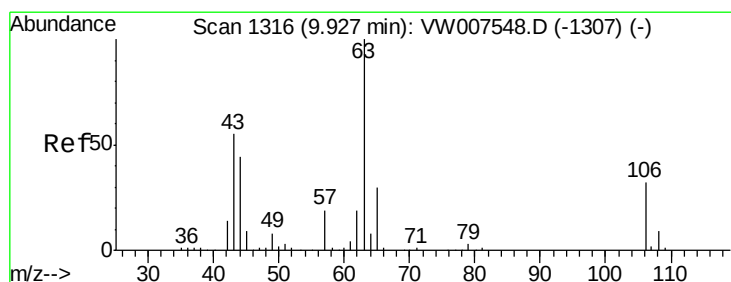
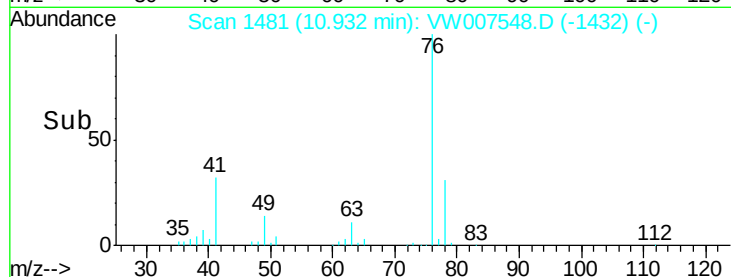
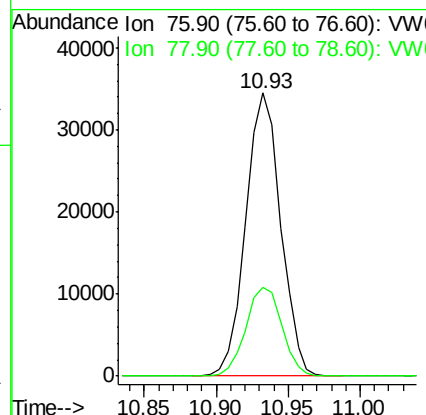
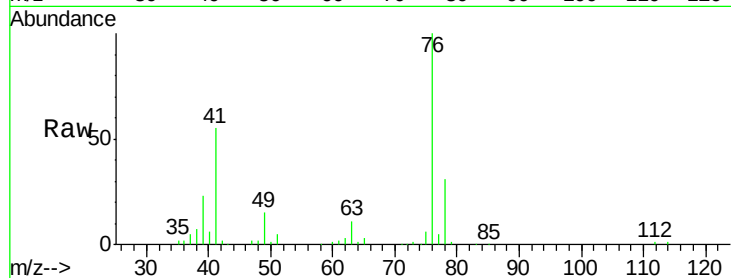
#57
 1,3-Dichloropropane
 Concen: 55.860 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 57834
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.4

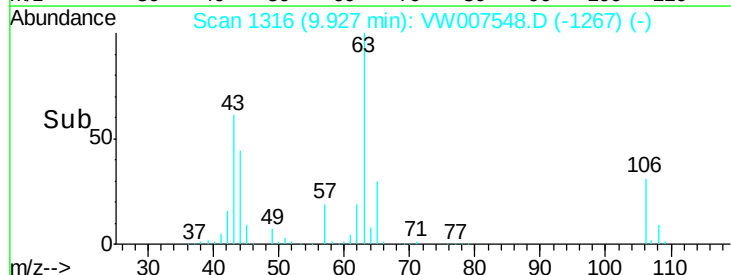
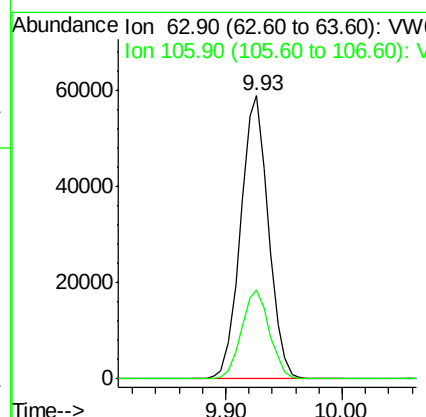
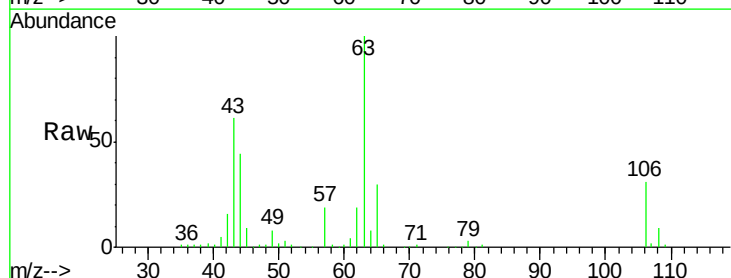
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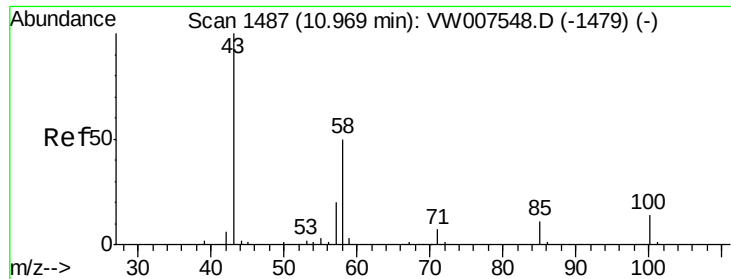
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#58
 2-Chloroethyl Vinyl ether
 Concen: 279.965 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion: 63 Resp: 97884
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.0 37.6





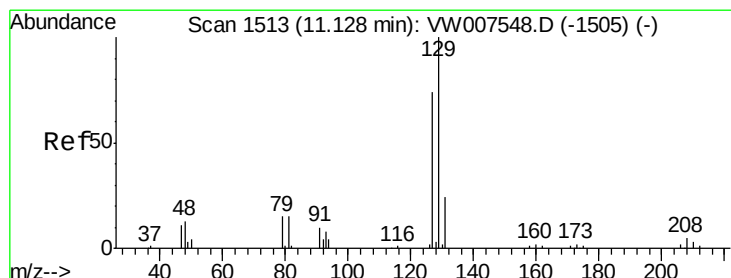
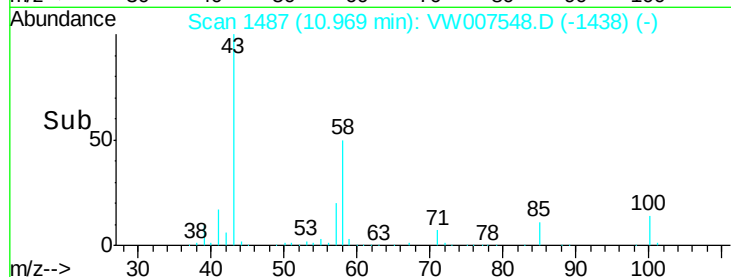
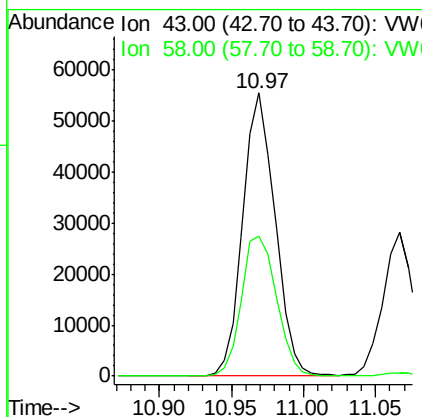
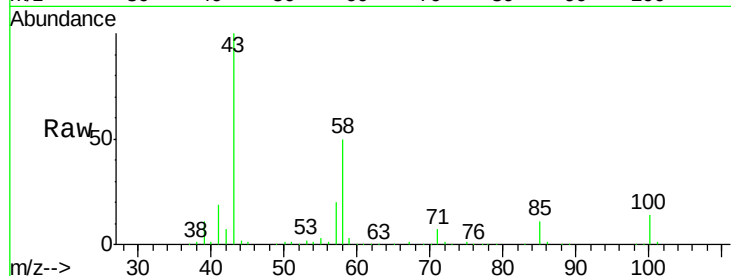
#59
2-Hexanone
Concen: 293.936 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 86464
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.3

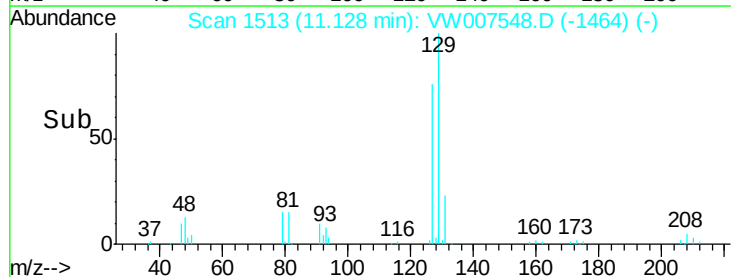
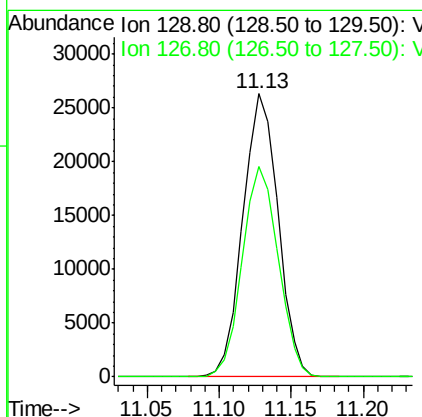
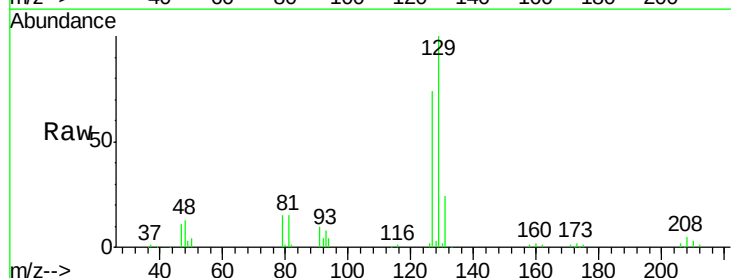
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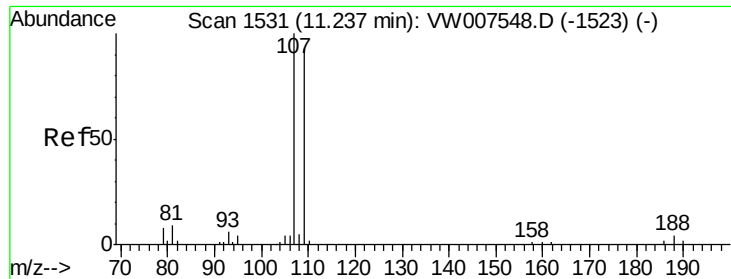
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#60
Dibromochloromethane
Concen: 56.120 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion: 129 Resp: 44674
Ion Ratio Lower Upper
129 100
127 75.9 38.1 114.3





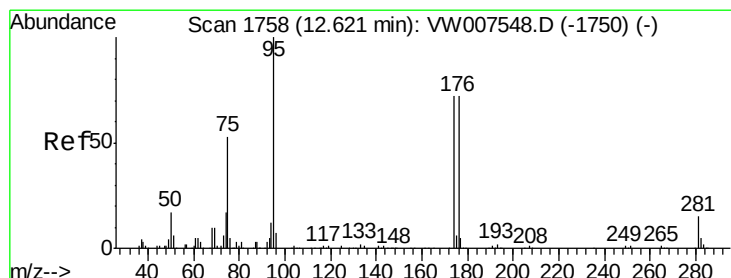
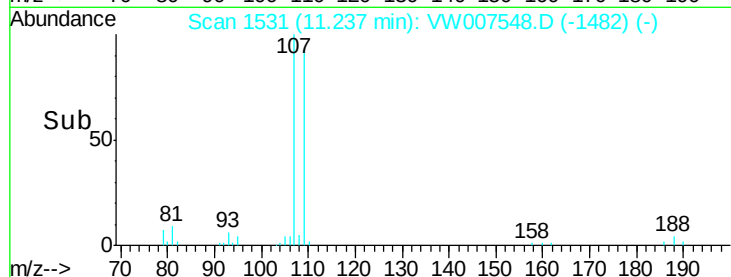
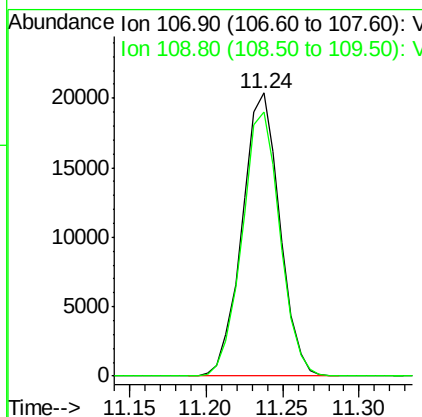
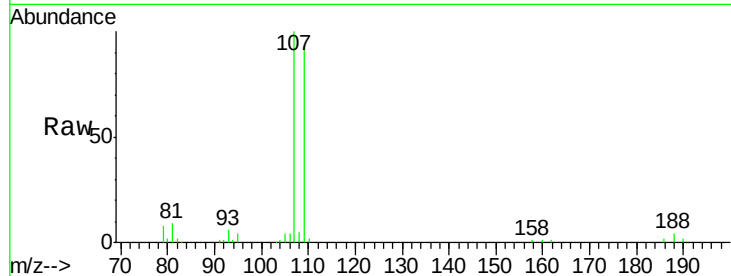
#61
 1,2-Dibromoethane
 Concen: 55.785 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 34774
 Ion Ratio Lower Upper
 107 100
 109 93.9 79.1 118.7

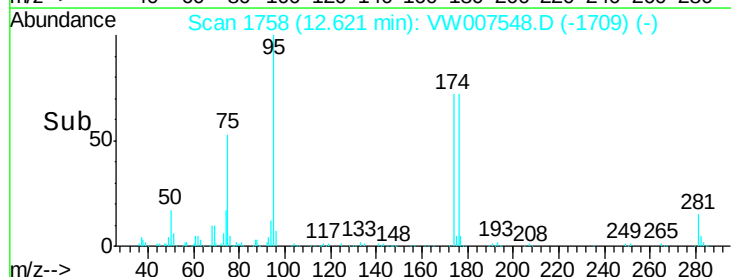
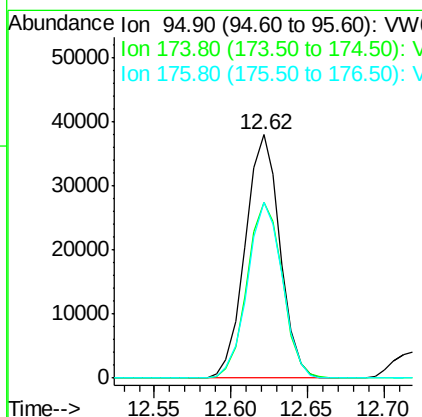
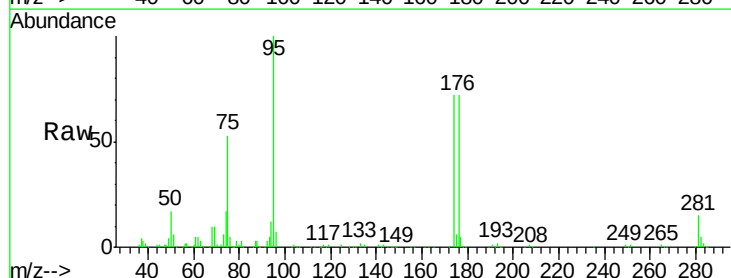
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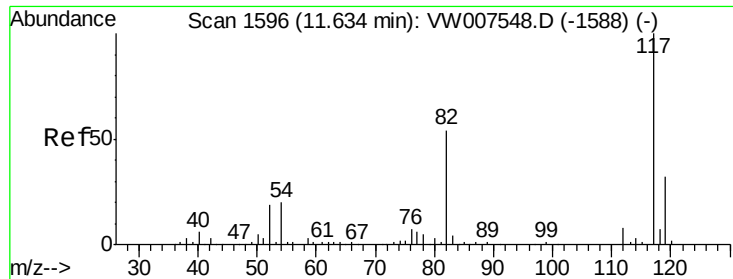
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.486 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion: 95 Resp: 59854
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 147.2
 176 72.5 0.0 138.8





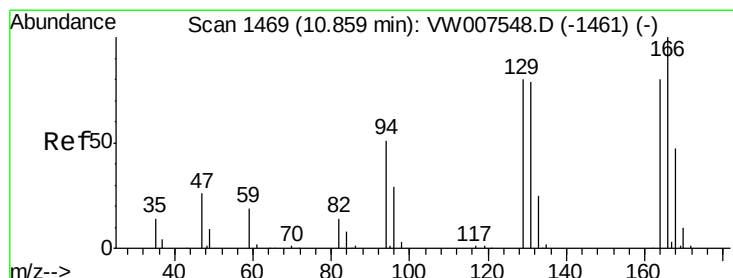
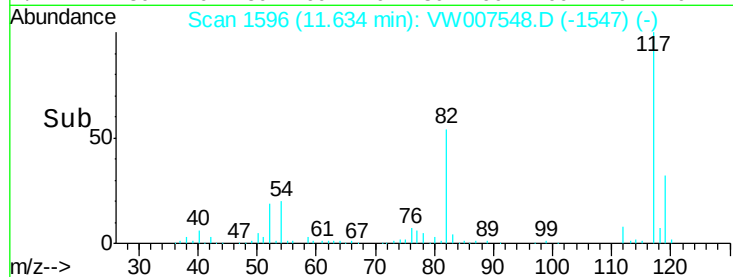
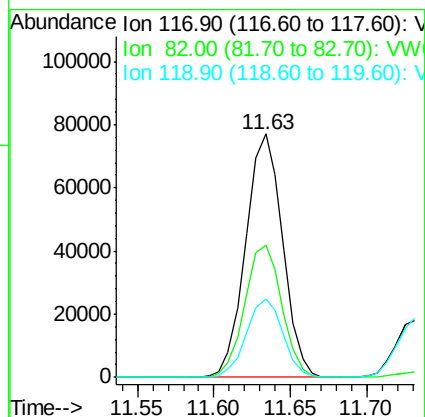
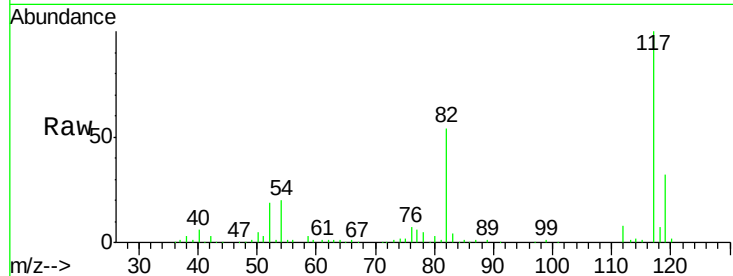
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129300		
82	54.2	42.3	63.5	
119	32.4	23.0	34.6	

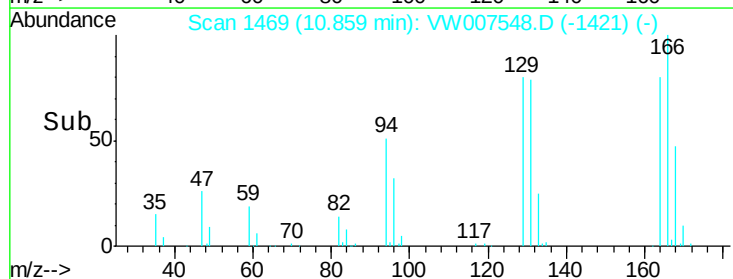
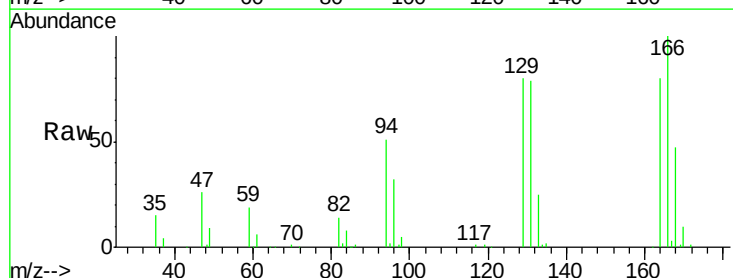
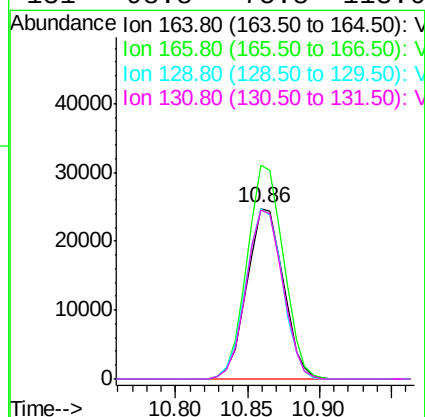
Manual Integrations
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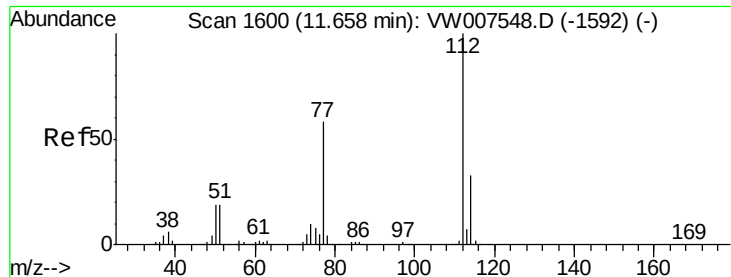
apatel
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#64
Tetrachloroethene
Concen: 46.608 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43338		
166	125.2	107.9	161.9	
129	100.1	73.4	110.2	
131	98.8	75.8	113.6	





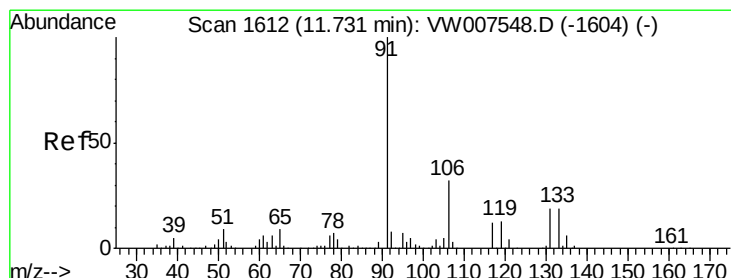
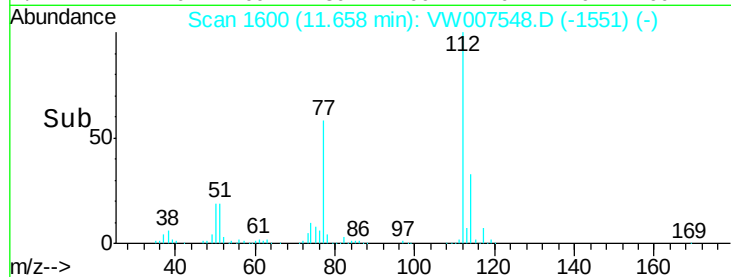
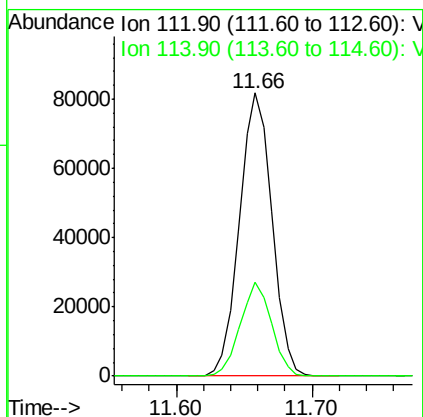
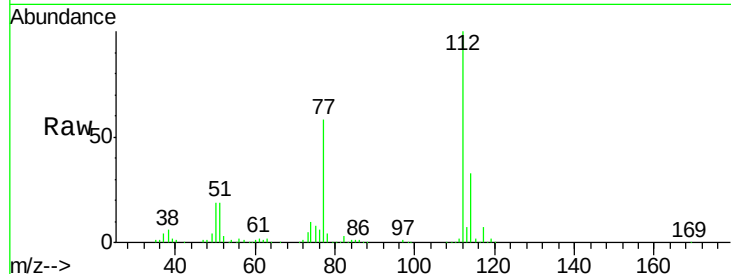
#65
Chlorobenzene
Concen: 50.625 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 136435
Ion Ratio Lower Upper
112 100
114 33.2 27.8 41.8

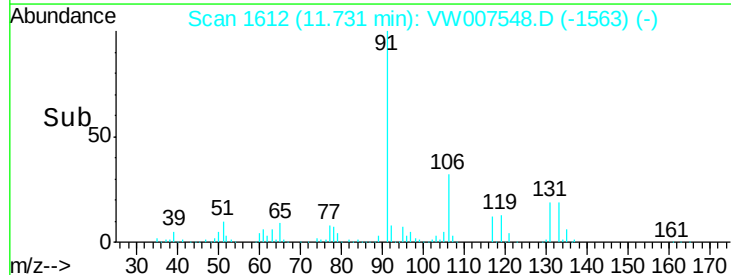
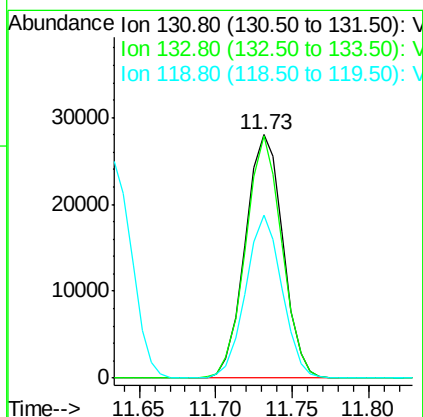
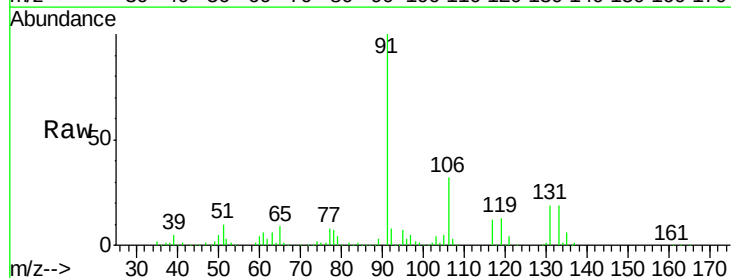
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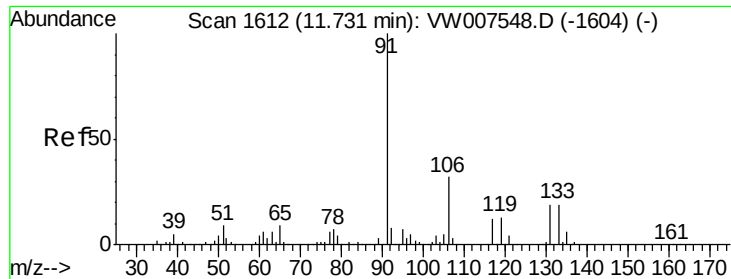
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.597 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion:131 Resp: 48026
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 64.5 31.3 93.9





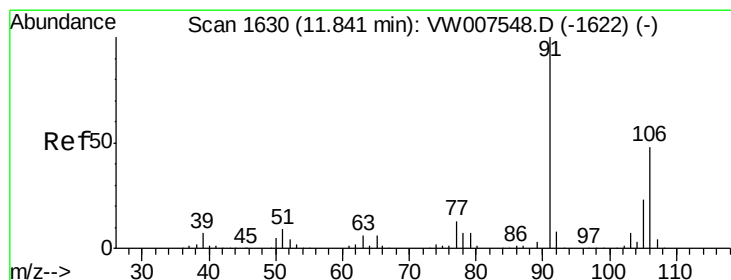
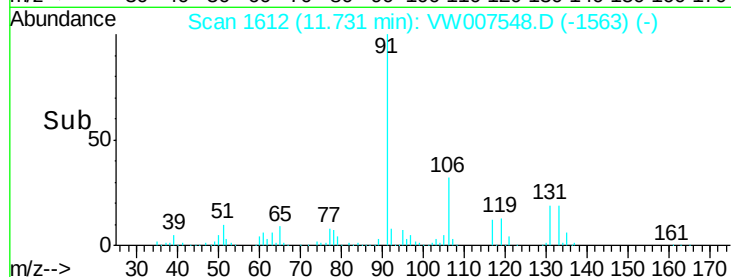
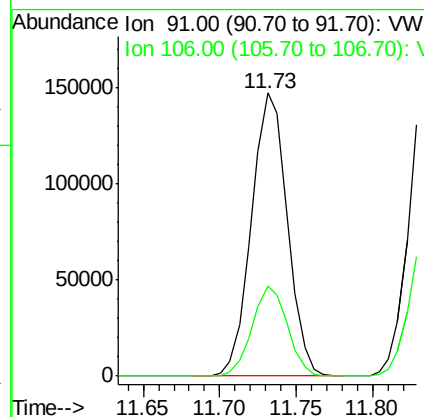
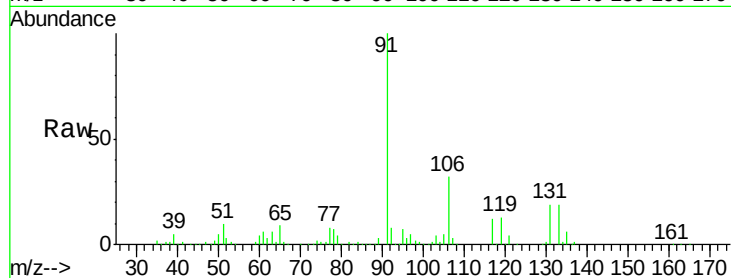
#67
Ethyl Benzene
Concen: 51.847 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 240233
Ion Ratio Lower Upper
91 100
106 31.9 21.8 32.8

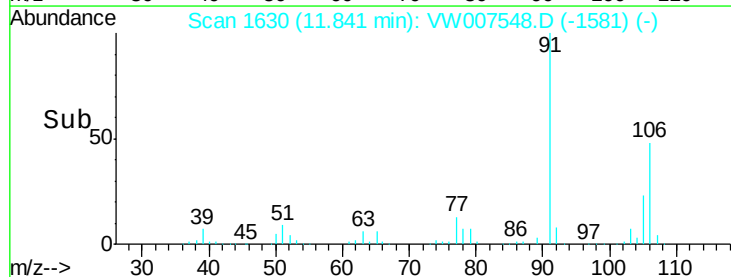
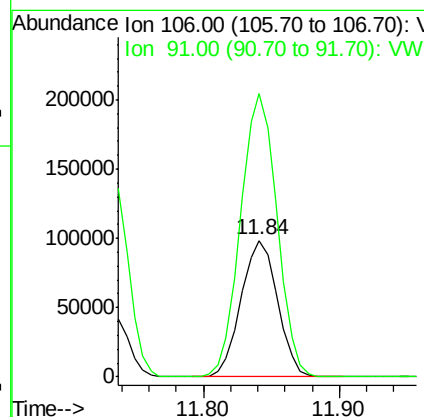
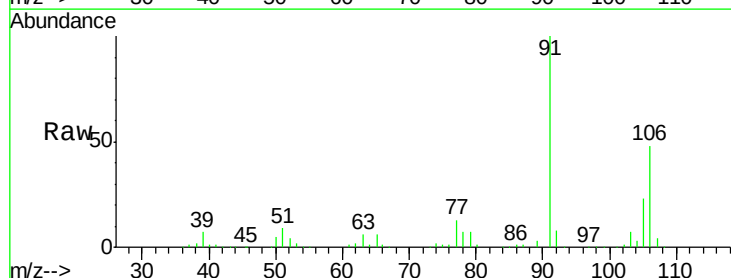
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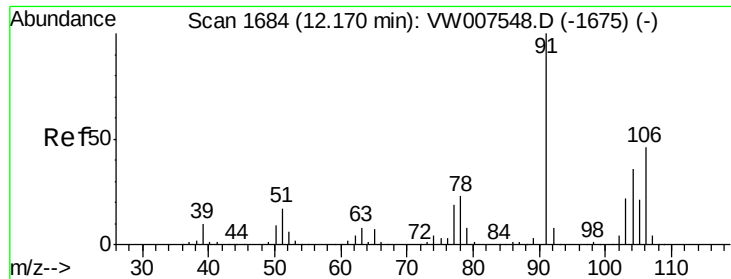
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#68
m/p-Xylenes
Concen: 102.370 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion: 106 Resp: 184400
Ion Ratio Lower Upper
106 100
91 207.6 165.3 247.9





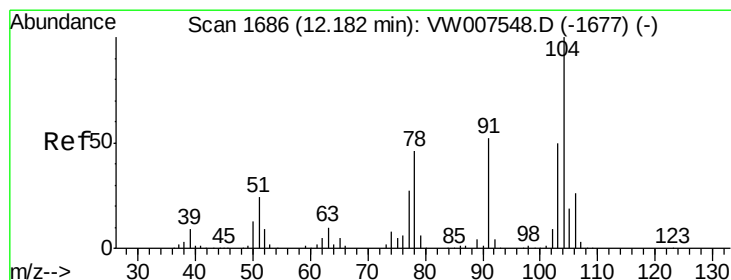
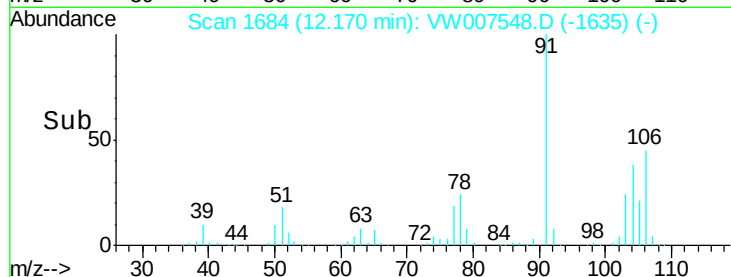
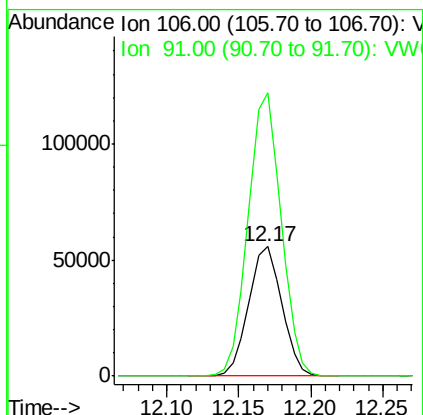
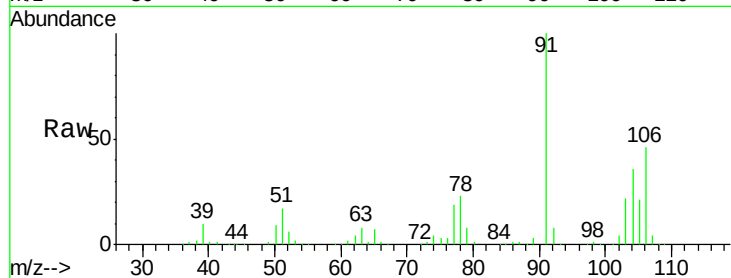
#69
o-Xylene
Concen: 52.895 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 88985
Ion Ratio Lower Upper
106 100
91 217.0 106.6 319.8

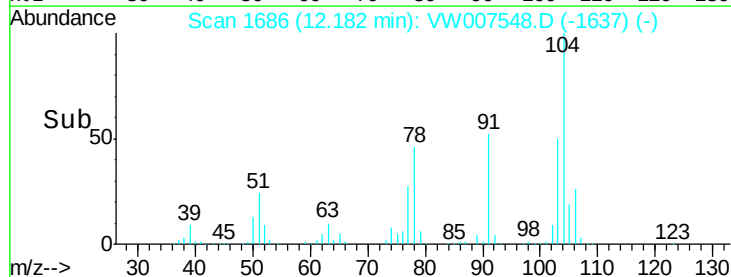
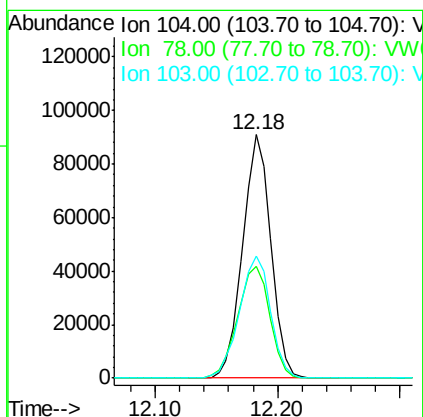
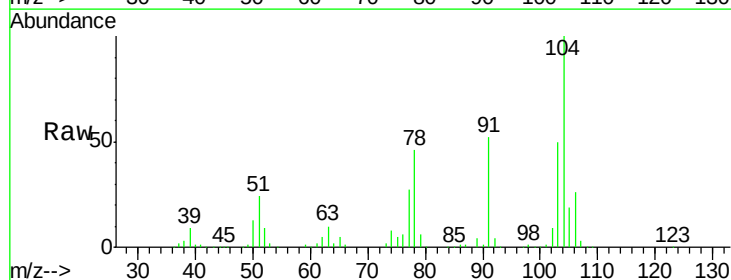
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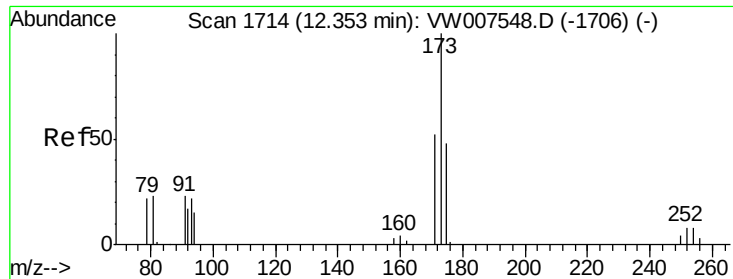
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#70
Styrene
Concen: 53.577 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion:104 Resp: 145582
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 55.2 46.6 69.8





#71

Bromoform

Concen: 51.085 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

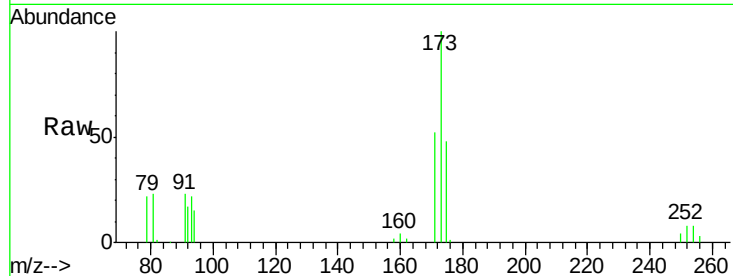
ClientSampleId :

VSTDCCC050

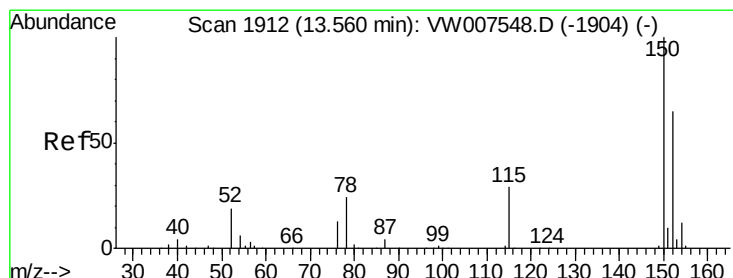
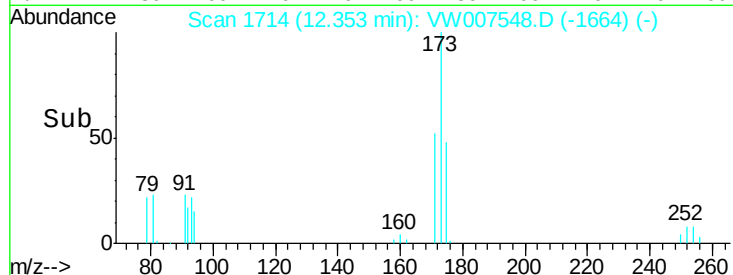
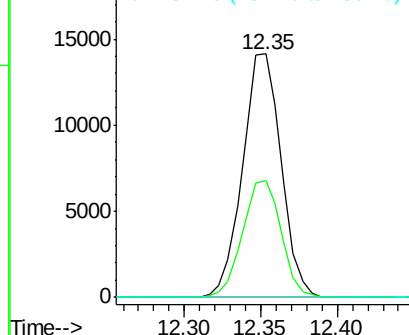
Tgt Ion:173 Resp: 24819
 Ion Ratio Lower Upper
 173 100
 175 47.7 23.6 70.8
 254 0.0 0.0 0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

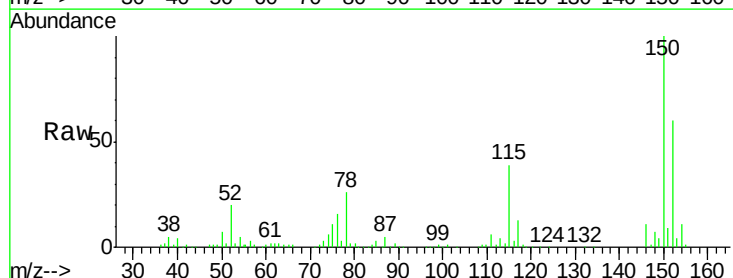
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

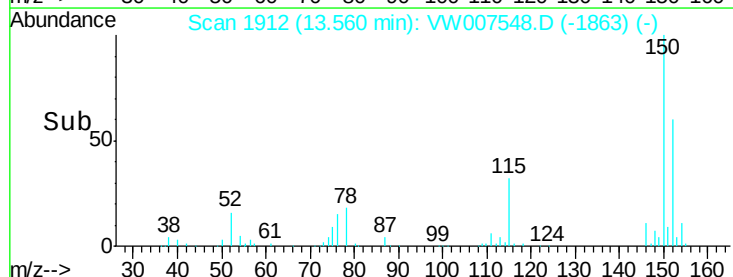
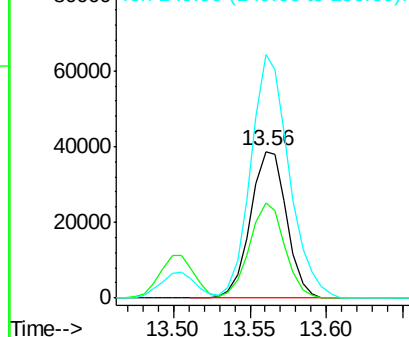
Lab File: VW007548.D

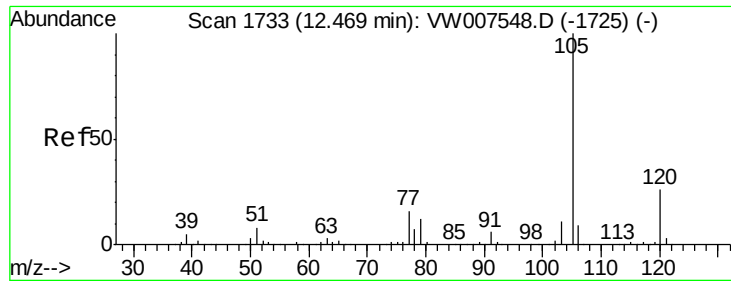
Acq: 14 Dec 2018 22:28

Tgt Ion:152 Resp: 63190
 Ion Ratio Lower Upper
 152 100
 115 63.2 31.4 94.2
 150 176.6 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





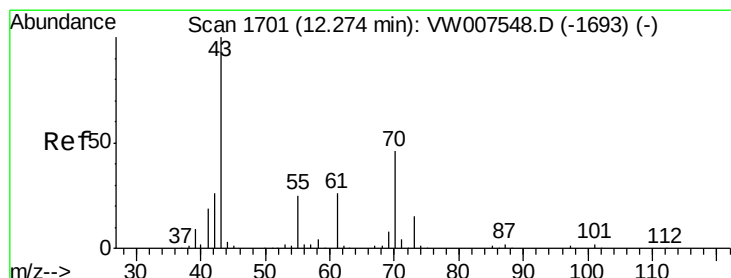
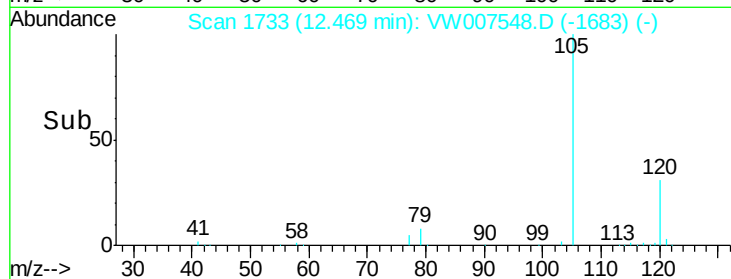
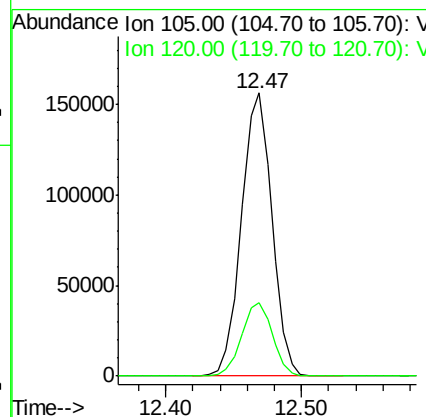
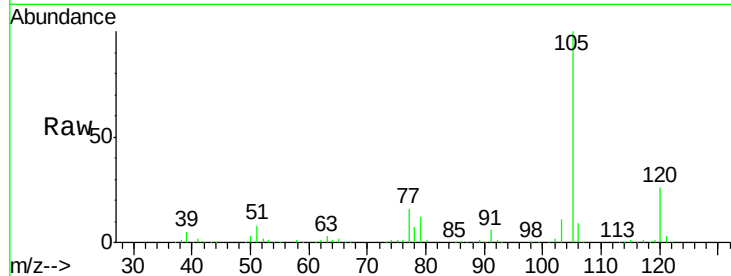
#73
Isopropylbenzene
Concen: 50.514 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 244581
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

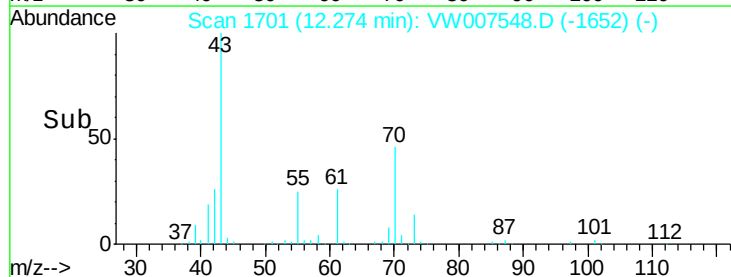
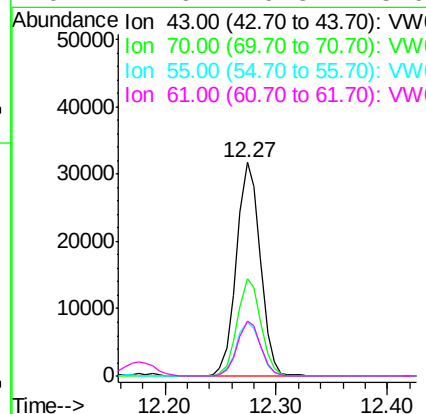
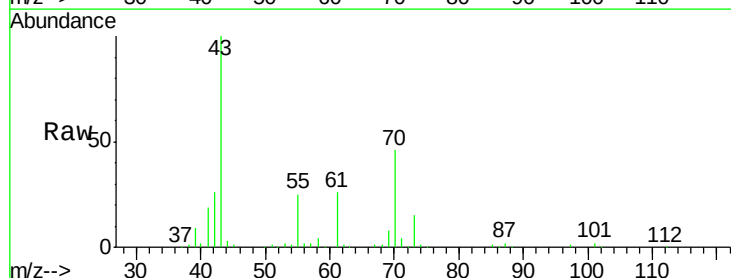
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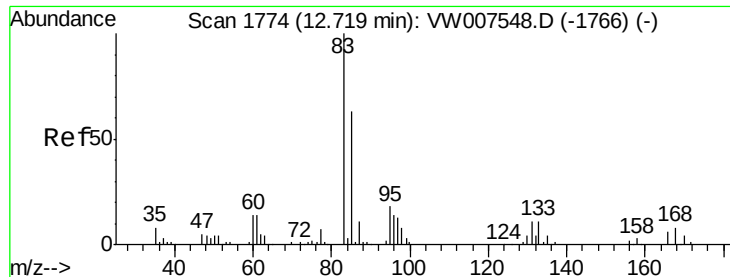
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#74
N-ethyl acetate
Concen: 53.605 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion: 43 Resp: 47171
Ion Ratio Lower Upper
43 100
70 45.0 36.5 54.7
55 25.2 20.1 30.1
61 24.9 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.402 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 37579

Ion Ratio Lower Upper

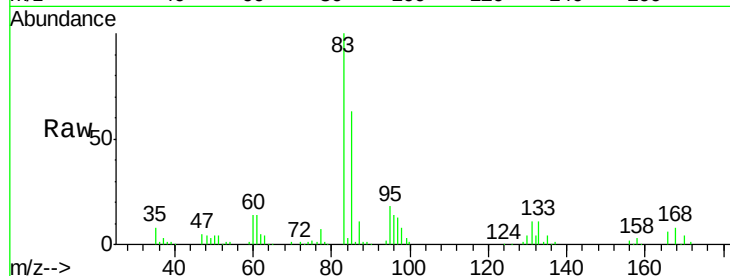
83 100

131 12.1 5.9 17.8

85 66.1 30.0 90.0

Manual Integrations
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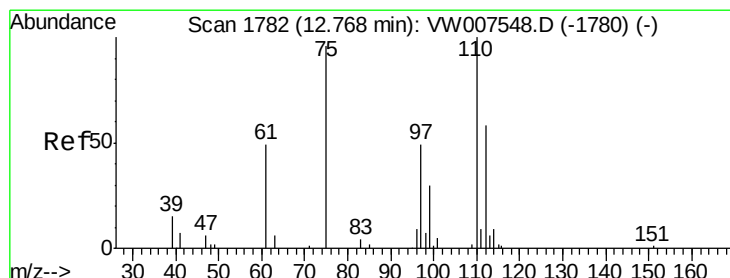
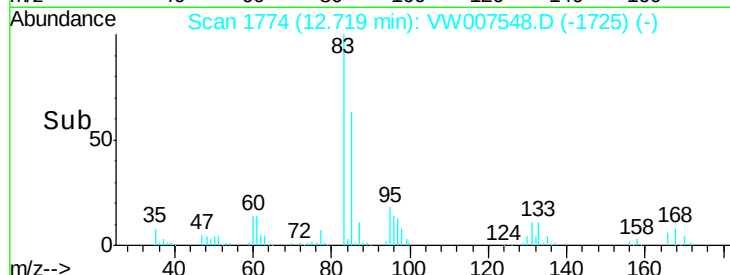
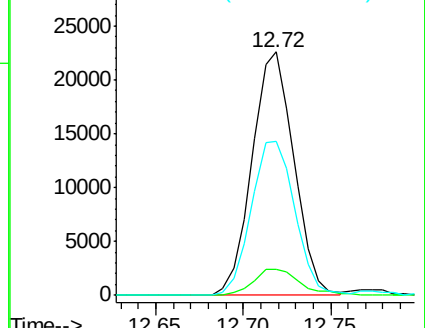
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 56.380 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007548.D

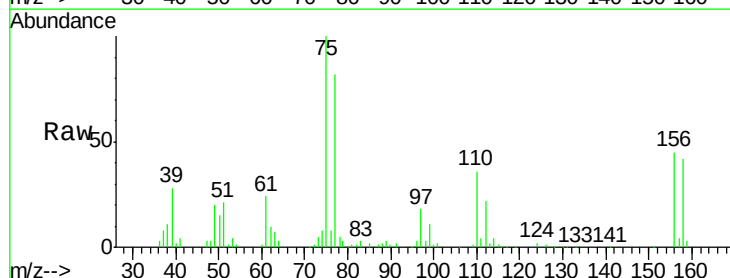
Acq: 14 Dec 2018 22:28

Tgt Ion: 75 Resp: 29375

Ion Ratio Lower Upper

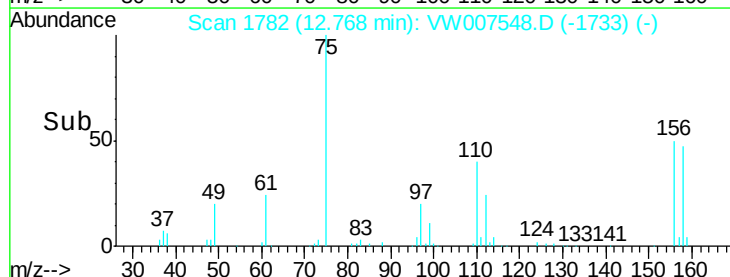
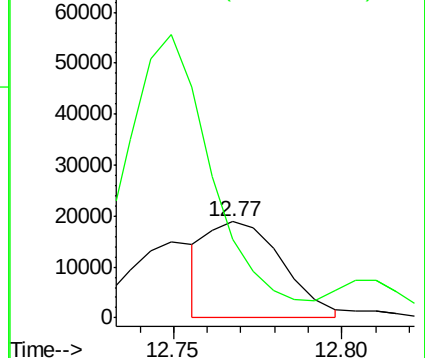
75 100

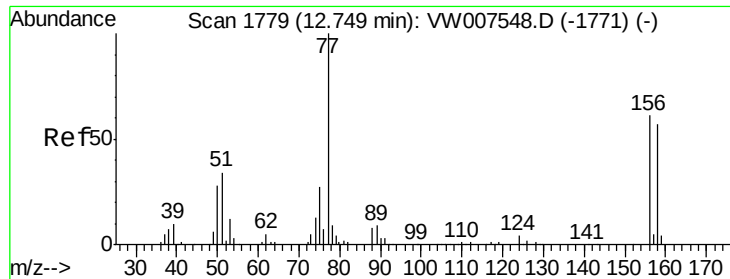
77 344.7 166.9 500.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.088 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

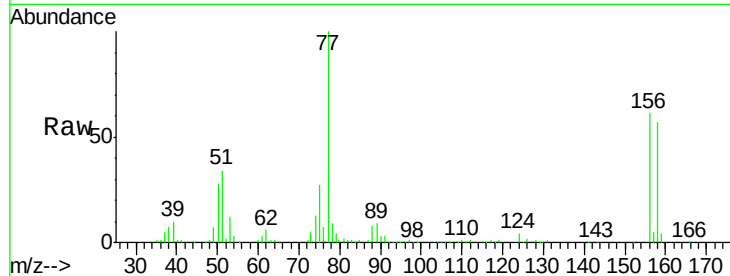
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	184.7	88.1	264.4
158	95.6	45.6	136.7

Manual Integrations
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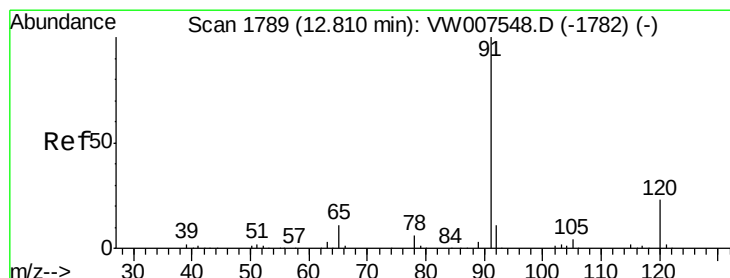
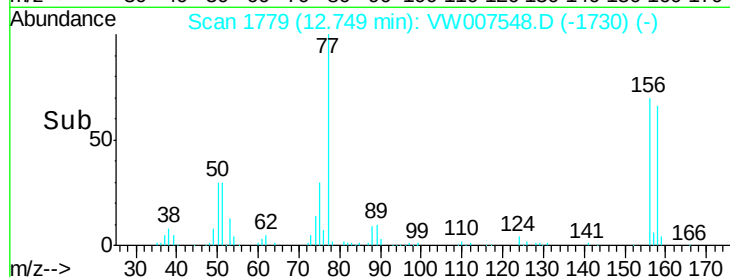
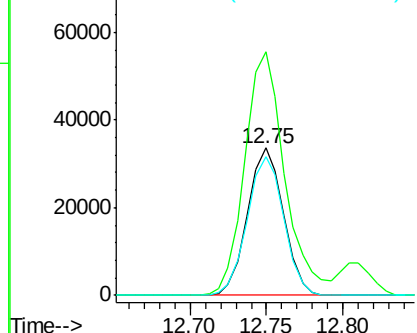
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.519 ug/l

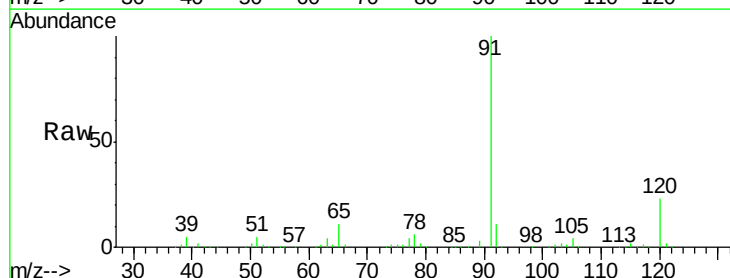
RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007548.D

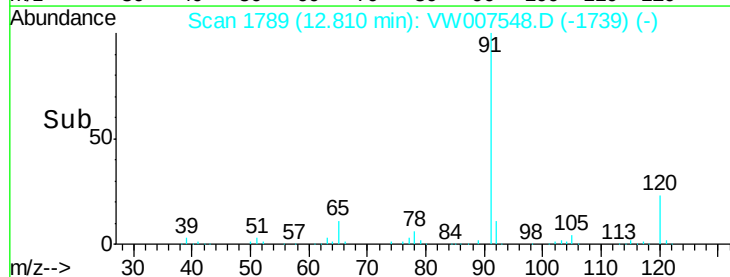
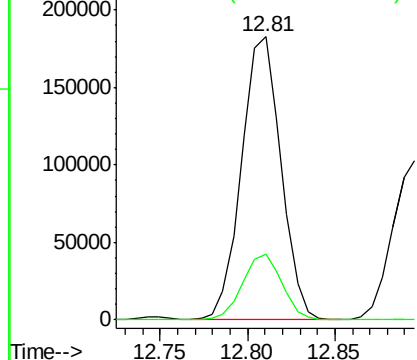
Acq: 14 Dec 2018 22:28

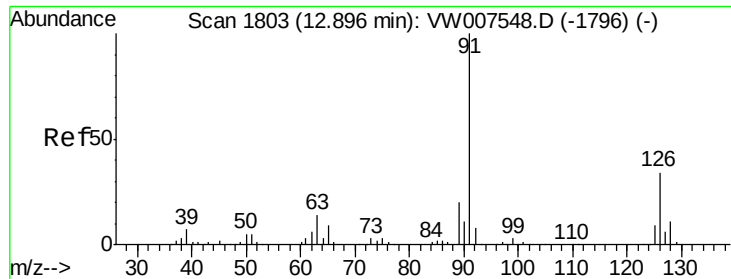
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.506 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 166524

Ion Ratio Lower Upper

91 100

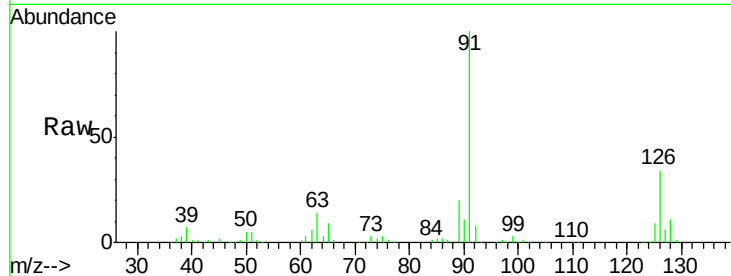
126 33.9 15.9 47.6

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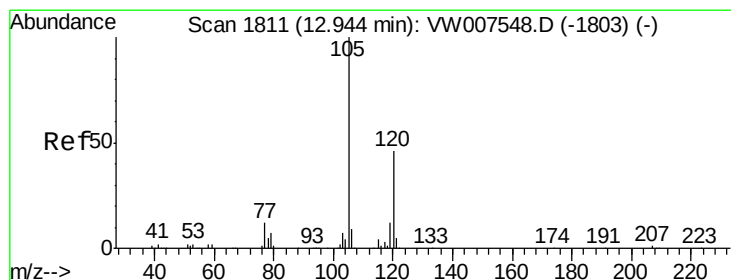
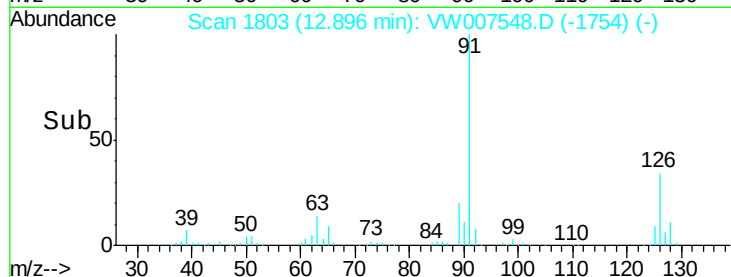
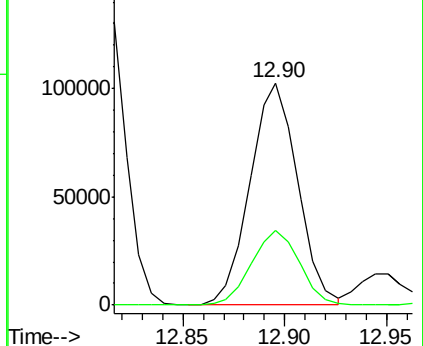
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.570 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007548.D

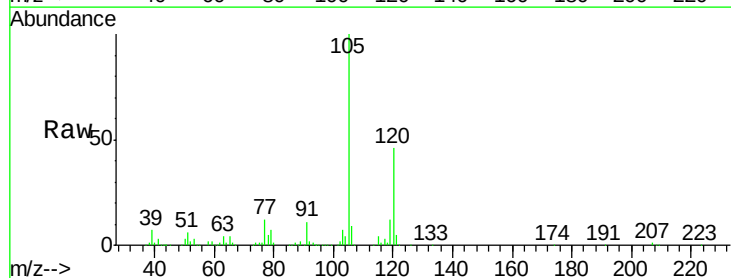
Acq: 14 Dec 2018 22:28

Tgt Ion: 105 Resp: 209804

Ion Ratio Lower Upper

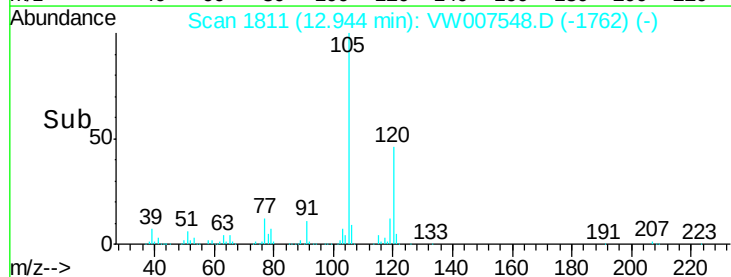
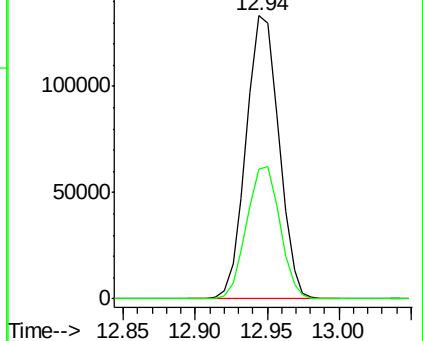
105 100

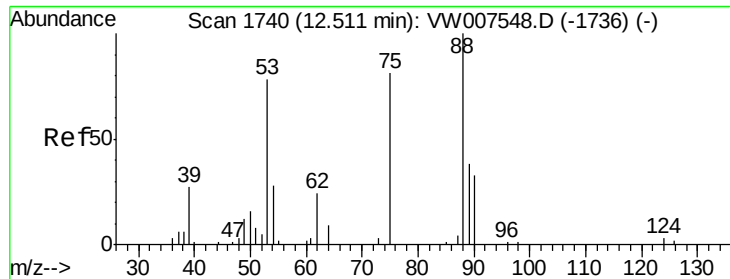
120 47.5 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





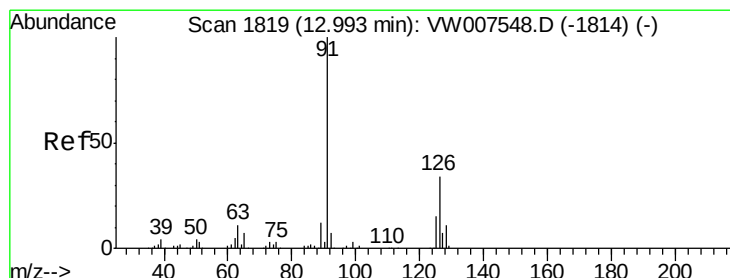
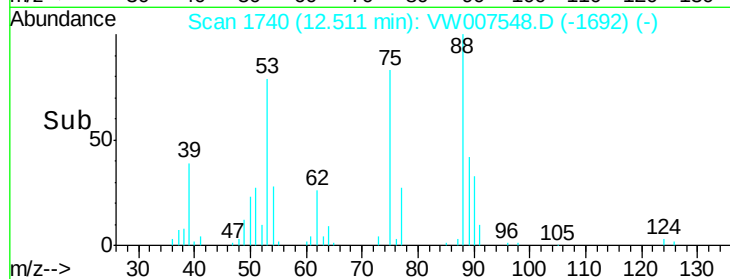
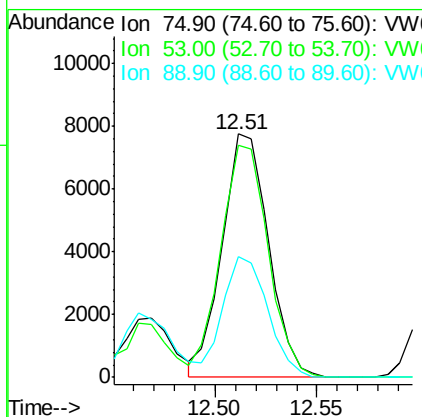
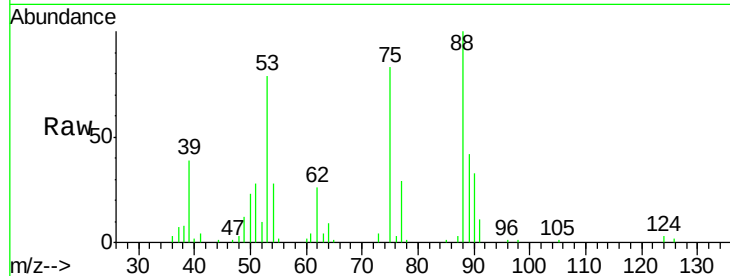
#81
trans-1,4-Dichloro-2-butene
Concen: 51.755 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.5	84.9	127.3
89	47.7	40.3	60.5

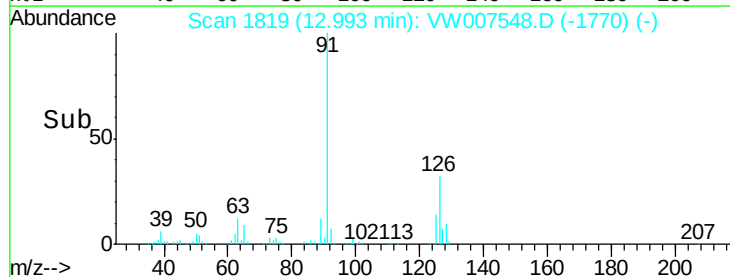
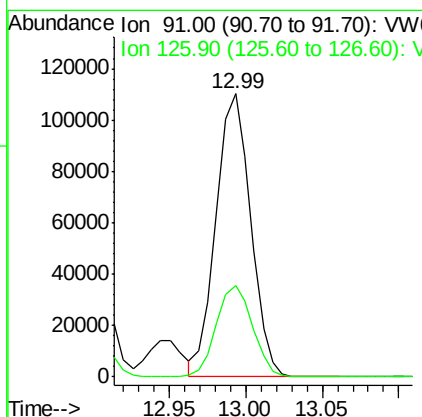
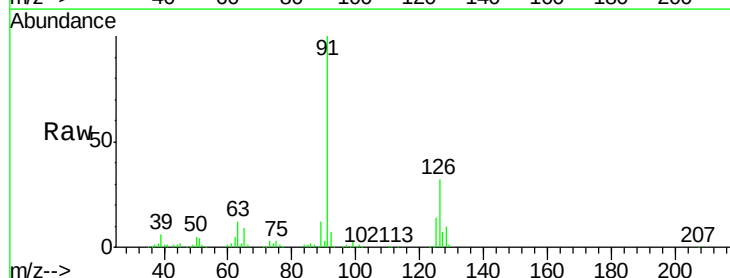
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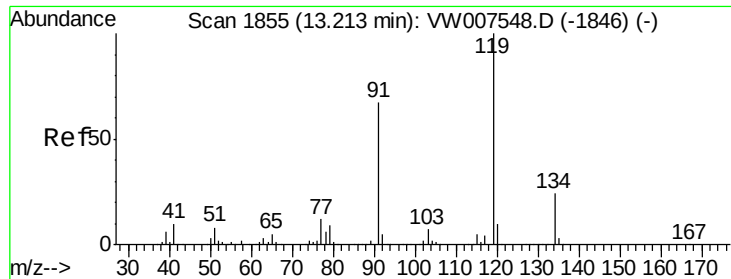
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#82
4-Chlorotoluene
Concen: 50.105 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.0	48.0





#83

tert-Butylbenzene

Concen: 51.918 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

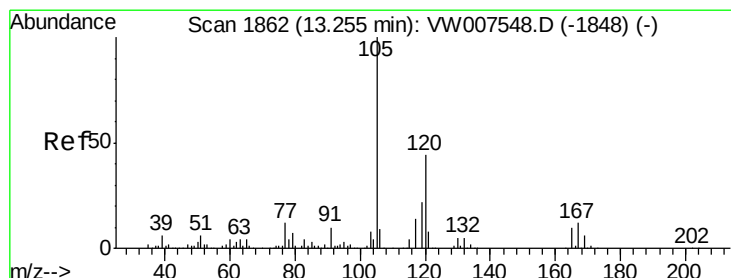
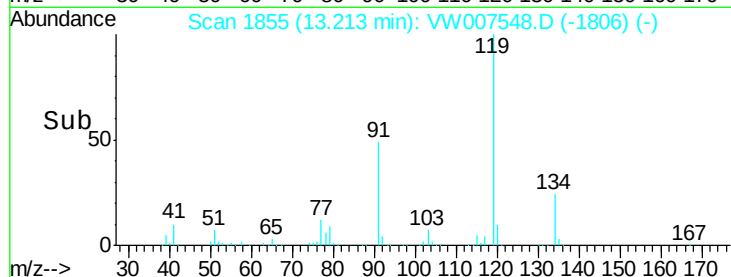
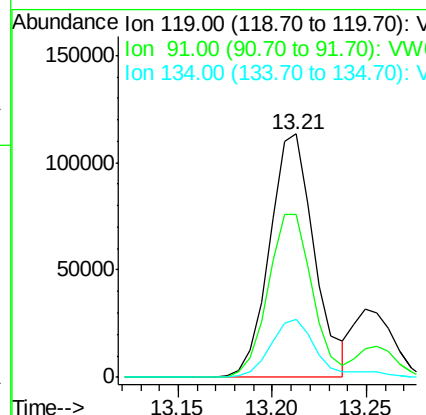
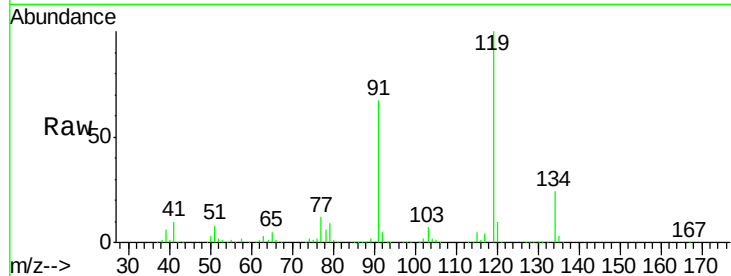
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	186116		
91	66.2	33.1	99.2	
134	25.2	12.5	37.5	

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.825 ug/l

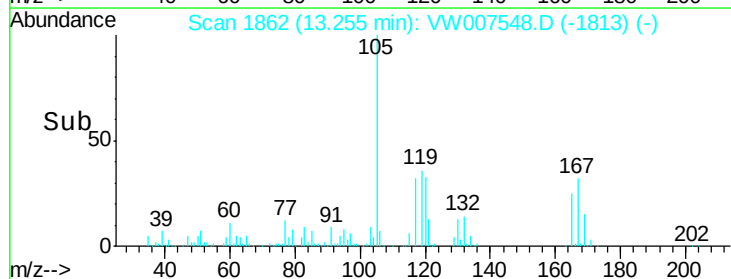
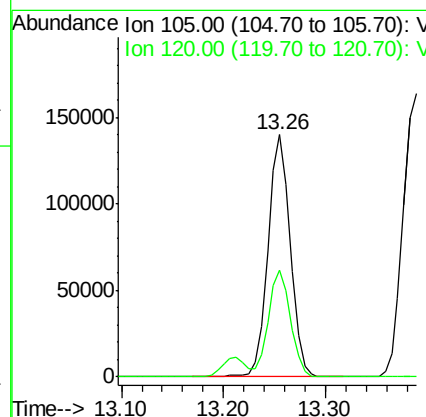
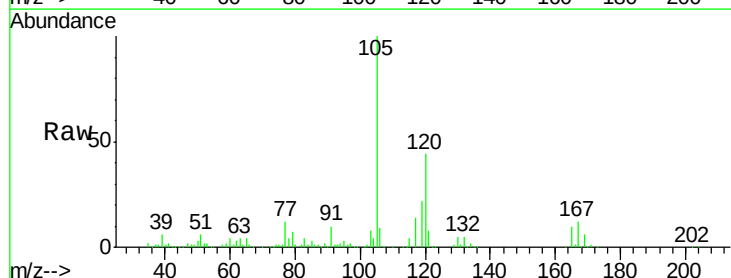
RT: 13.26 min Scan# 1862

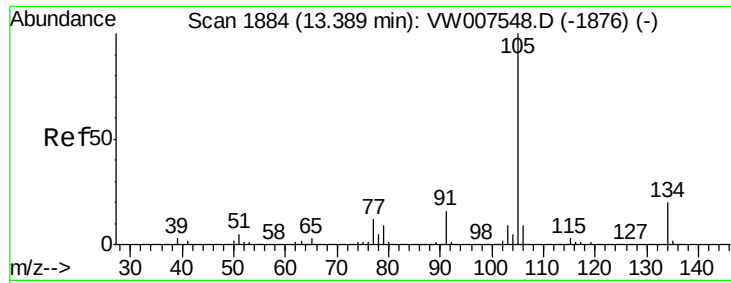
Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	212782		
120	43.2	22.6	67.7	





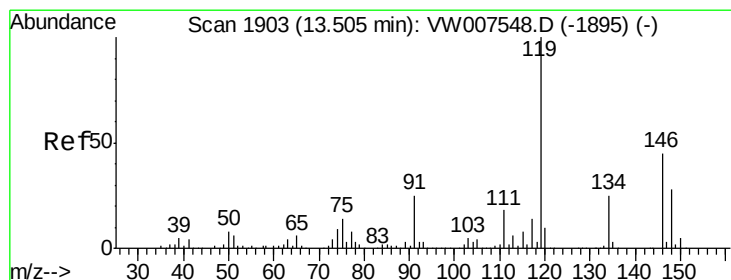
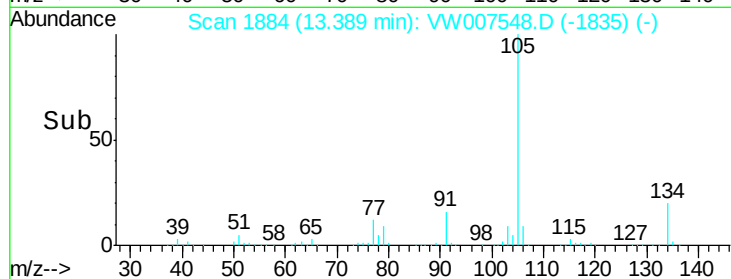
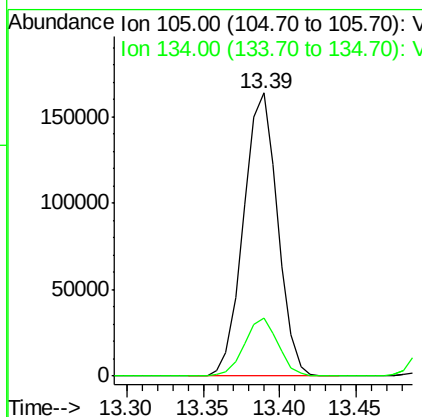
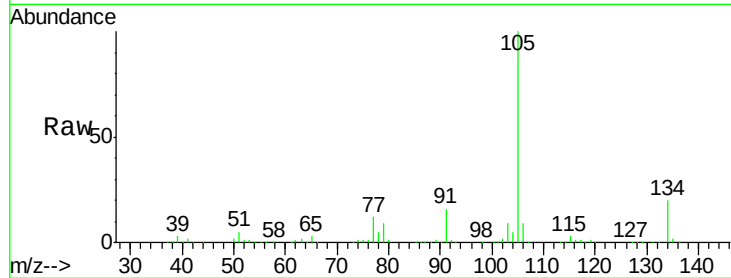
#85
 sec-Butylbenzene
 Concen: 51.803 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 253506
 Ion Ratio Lower Upper
 105 100
 134 20.2 11.1 33.3

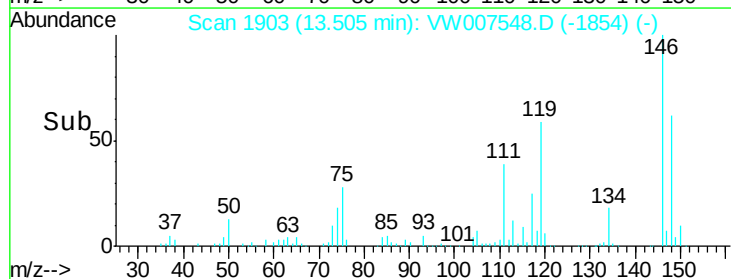
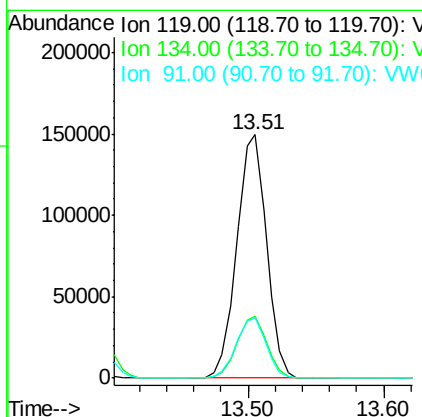
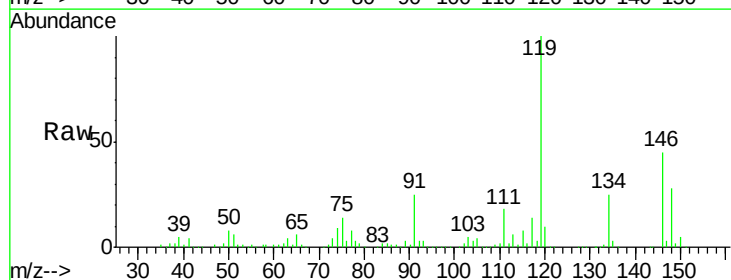
Manual Integrations
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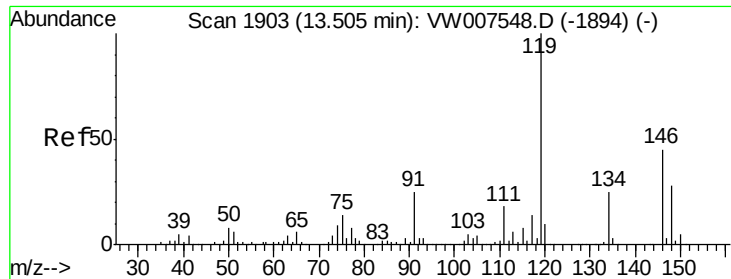
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#86
 p-Isopropyltoluene
 Concen: 51.749 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion:119 Resp: 227504
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.7
 91 24.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 51.144 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Instrument :

MSVOA_W

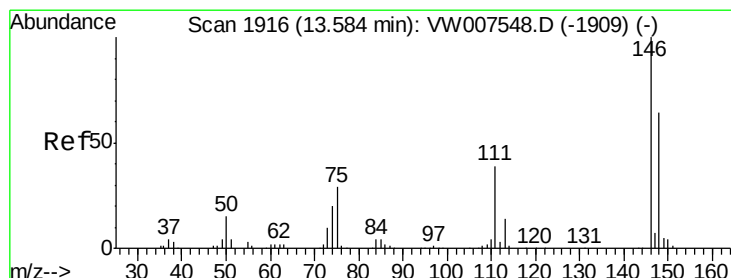
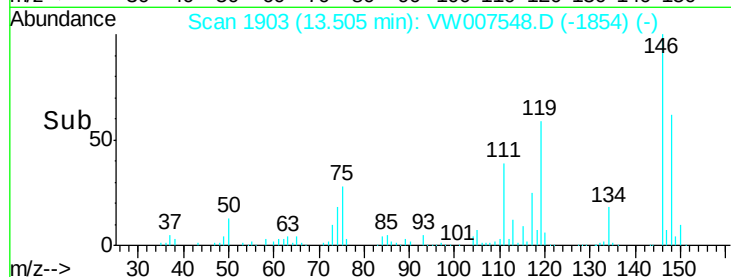
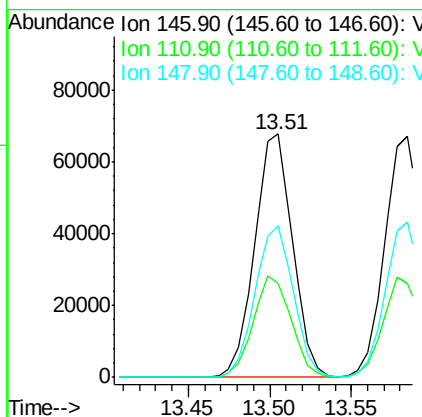
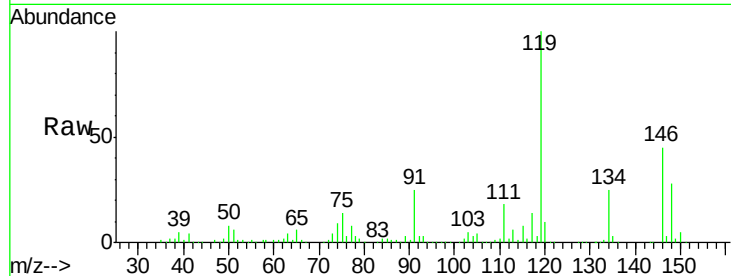
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	109441
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.1	60.3
148	62.9	31.4	94.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.432 ug/l

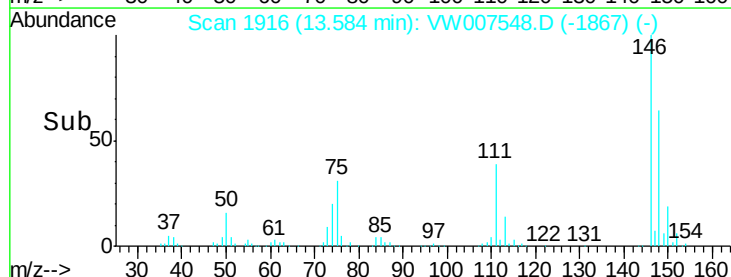
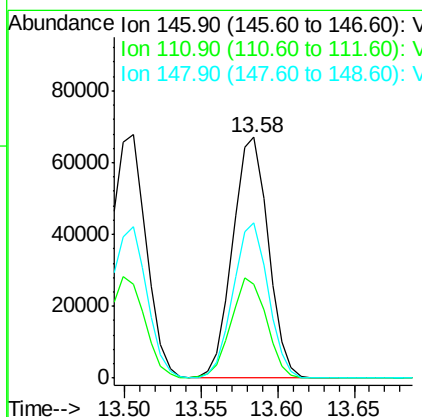
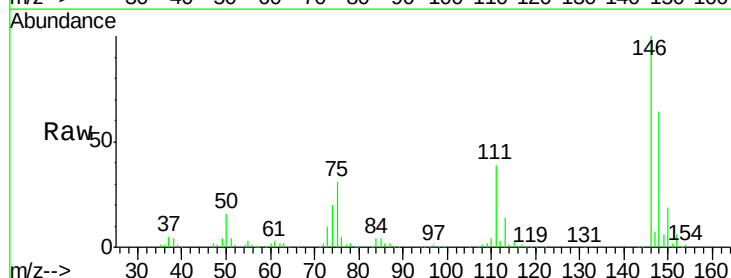
RT: 13.58 min Scan# 1916

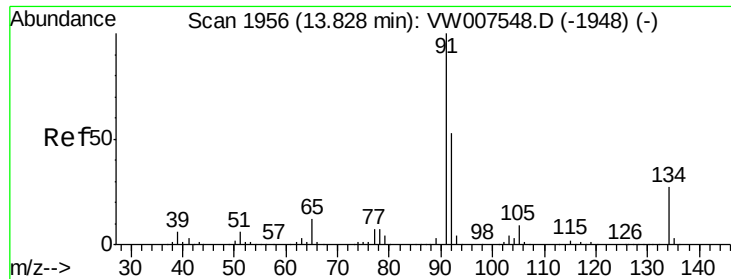
Delta R.T. -0.00 min

Lab File: VW007548.D

Acq: 14 Dec 2018 22:28

Tgt Ion:	146	Resp:	108492
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.3	61.0
148	63.3	33.5	100.5





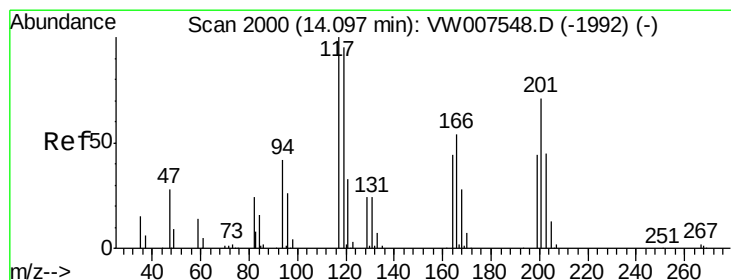
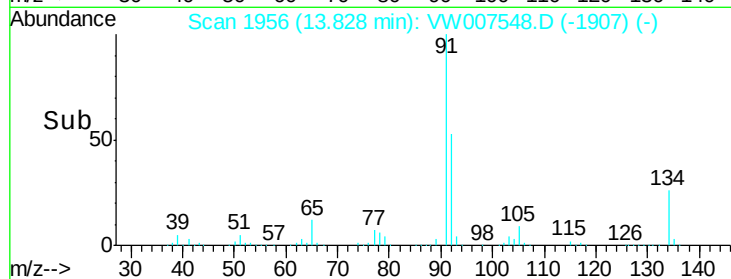
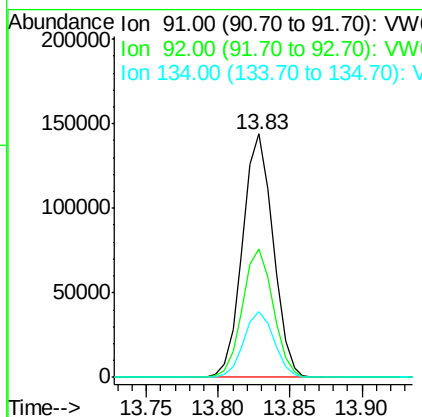
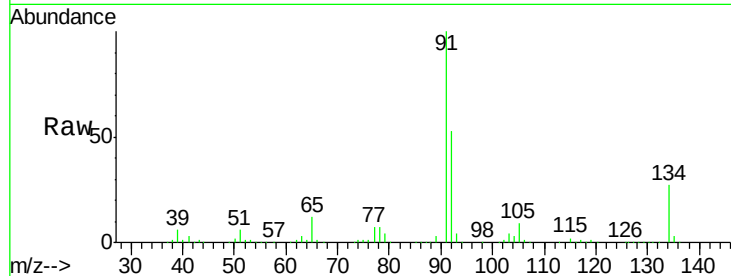
#89
n-Butylbenzene
Concen: 51.904 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.7	77.1
134	26.8	13.4	40.2

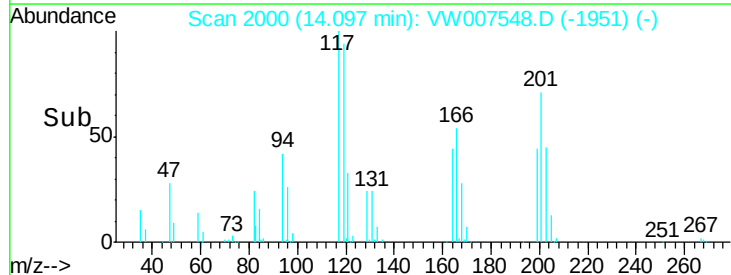
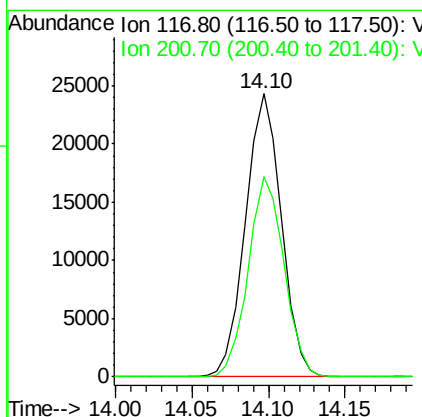
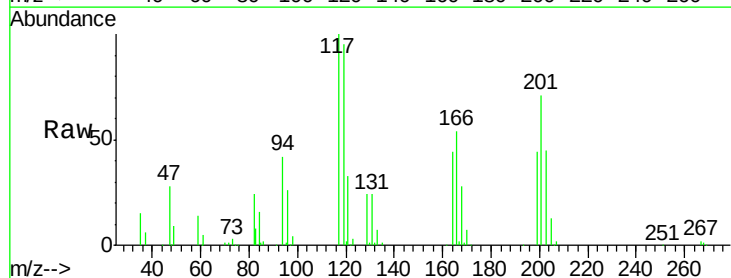
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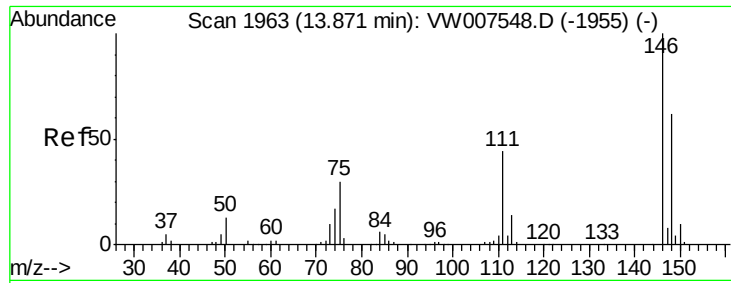
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#90
Hexachloroethane
Concen: 50.681 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.7	35.3	105.9





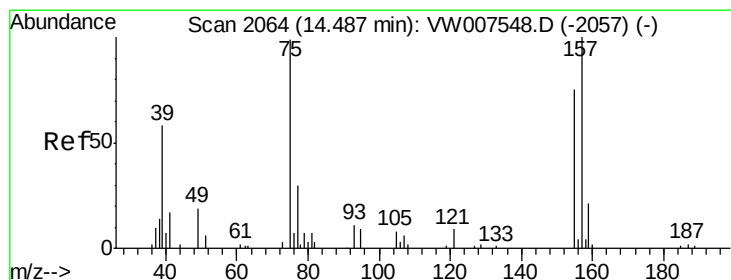
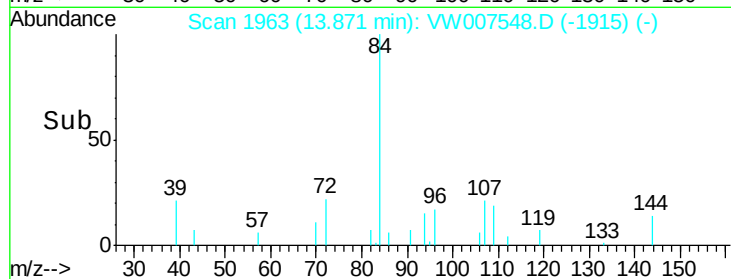
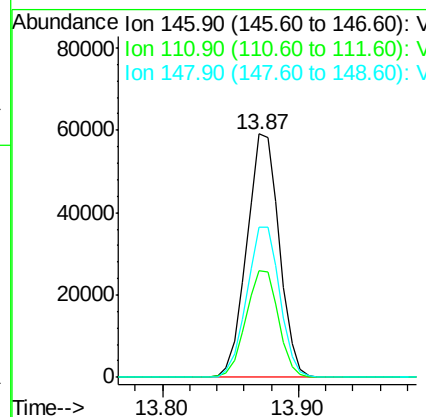
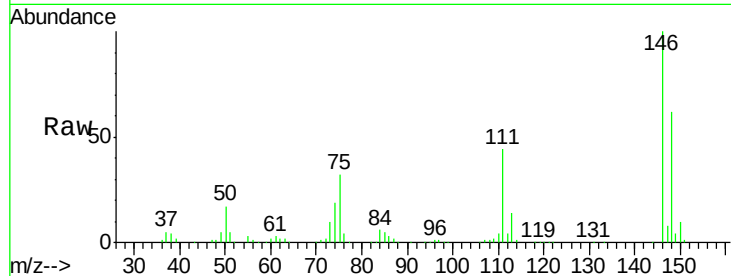
#91
 1,2-Dichlorobenzene
 Concen: 51.481 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.4	67.2
148	62.9	32.4	97.2

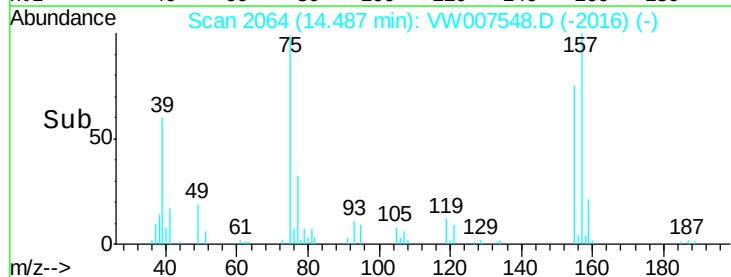
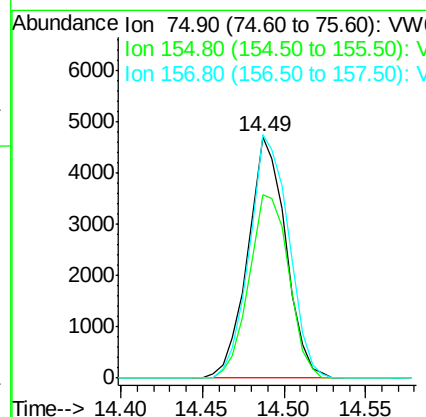
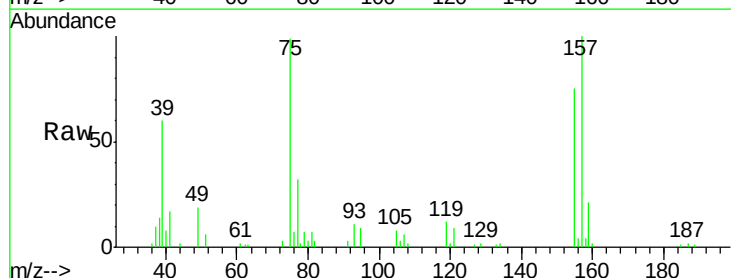
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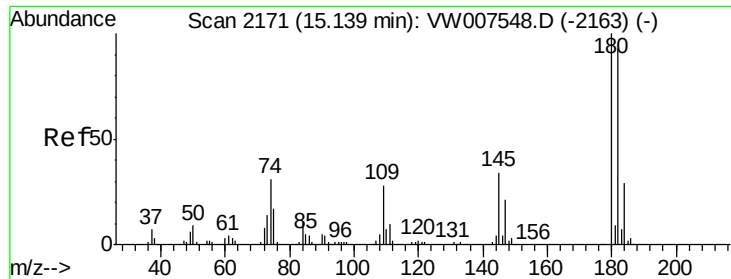
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.761 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	40.8	122.2
157	104.5	51.1	153.4





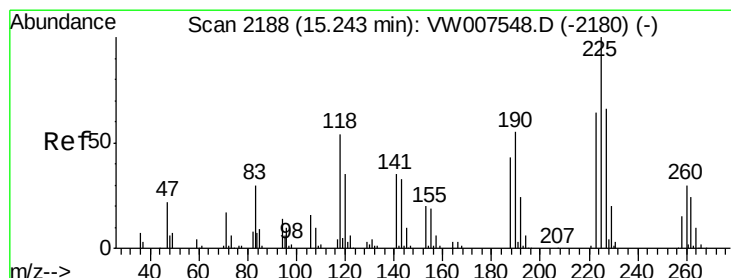
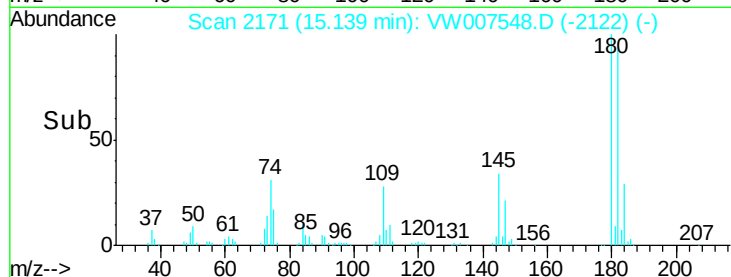
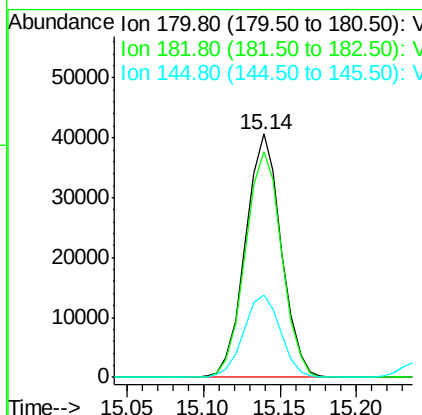
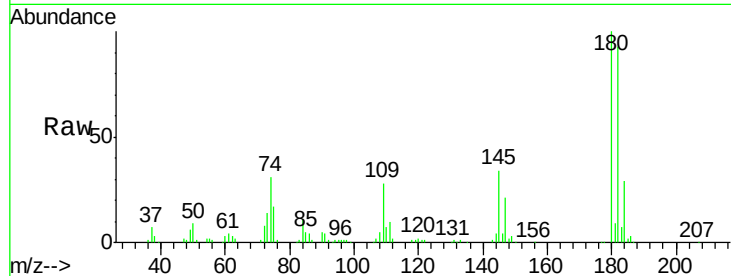
#93
 1,2,4-Trichlorobenzene
 Concen: 50.099 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	49.9	149.6
145	34.9	17.8	53.4

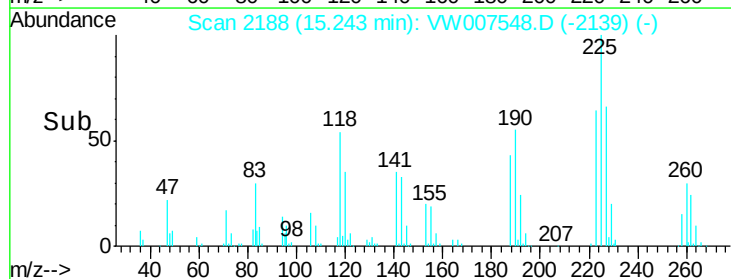
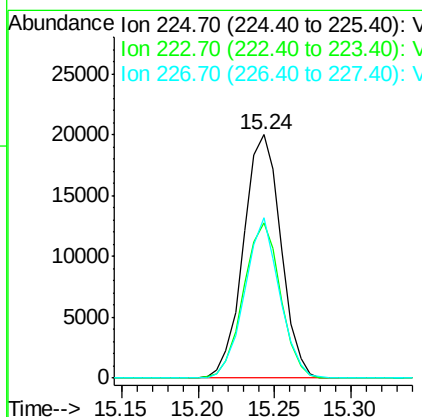
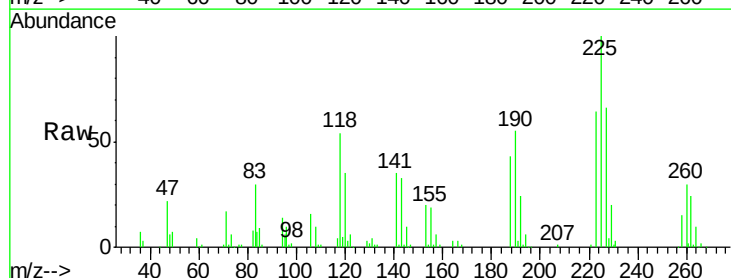
Manual Integrations
 APPROVED

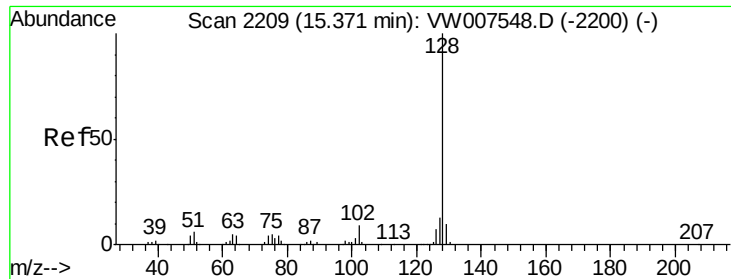
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#94
 Hexachlorobutadiene
 Concen: 48.559 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007548.D
 Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.1	96.3
227	61.3	31.9	95.9





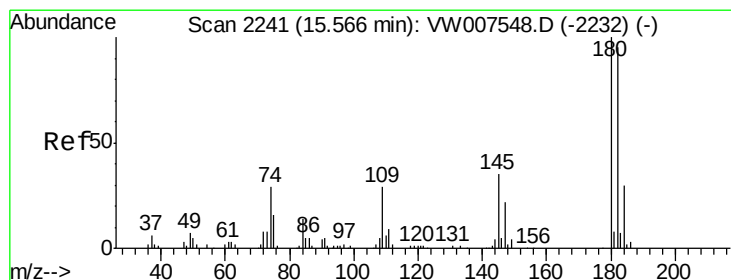
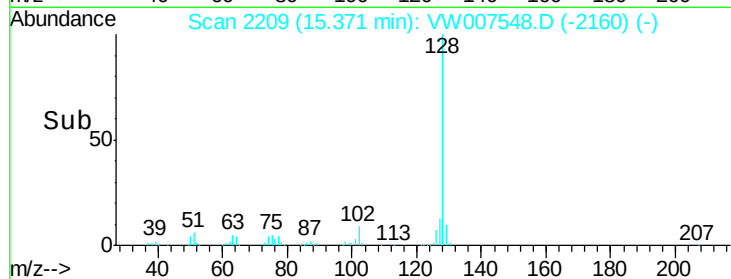
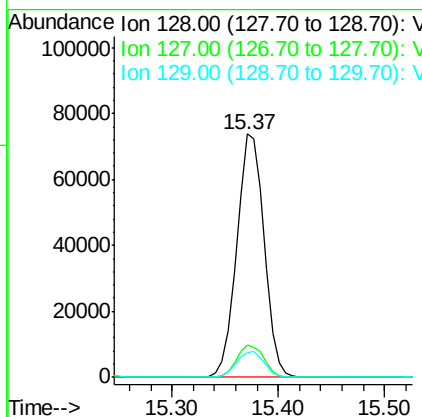
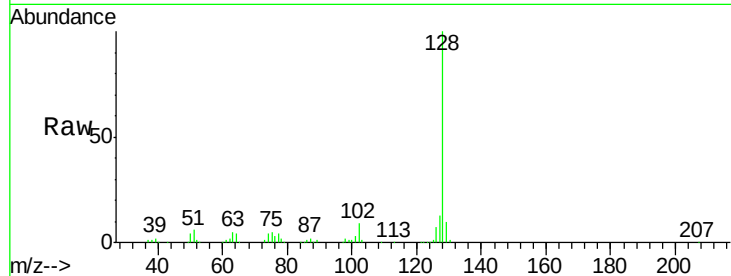
#95
Naphthalene
Concen: 52.710 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	10.9	8.3	12.5

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.026 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007548.D
Acq: 14 Dec 2018 22:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	45.6	136.7
145	36.5	17.5	52.5

