

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005010.D
 Acq On : 30 Aug 2018 11:23
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/31/2018 11:39:09 AM

Quant Time: Aug 30 14:31:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	534558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	775279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	748448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	400855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	182529	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	7.89	113	181709	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	10.33	98	1029960	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.62	95	365864	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	211279	45.75	ug/l	99
3) Chloromethane	2.22	50	337062	51.39	ug/l	99
4) Vinyl Chloride	2.36	62	312388	47.72	ug/l	97
5) Bromomethane	2.78	94	190733	44.57	ug/l	100
6) Chloroethane	2.92	64	183325	47.36	ug/l	99
7) Trichlorofluoromethane	3.26	101	329419	48.67	ug/l	97
8) Diethyl Ether	3.69	74	99083	51.48	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	209104	50.05	ug/l	100
10) Methyl Iodide	4.28	142	237167m	37.59	ug/l	
11) Tert butyl alcohol	5.21	59	58002	218.92	ug/l	99
12) 1,1-Dichloroethene	4.04	96	196495	50.34	ug/l	96
13) Acrolein	3.91	56	73728	236.46	ug/l	98
14) Allyl chloride	4.68	41	304097	50.59	ug/l	98
15) Acrylonitrile	5.38	53	248237	252.91	ug/l	99
16) Acetone	4.15	43	201539	244.41	ug/l	99
17) Carbon Disulfide	4.39	76	787228	47.98	ug/l	100
18) Methyl Acetate	4.68	43	106677	53.41	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	452239	53.91	ug/l	96
20) Methylene Chloride	4.92	84	283530	48.40	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	212875	50.23	ug/l	98
22) Diisopropyl ether	6.32	45	661592	53.92	ug/l	99
23) Vinyl Acetate	6.26	43	1706521	272.03	ug/l	100
24) 1,1-Dichloroethane	6.22	63	372613	50.19	ug/l	99
25) 2-Butanone	7.18	43	336565	261.73	ug/l	98
26) 2,2-Dichloropropane	7.17	77	273698	42.00	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	232438	50.41	ug/l	98
28) Bromochloromethane	7.52	49	161505	49.47	ug/l	100
29) Tetrahydrofuran	7.54	42	174896	269.24	ug/l	98
30) Chloroform	7.68	83	362325	49.62	ug/l	99
31) Cyclohexane	7.96	56	432672	54.99	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	352528	52.47	ug/l	99
36) 1,1-Dichloropropene	8.09	75	349541	53.21	ug/l	99
37) Ethyl Acetate	7.26	43	129385	54.64	ug/l	98
38) Carbon Tetrachloride	8.07	117	316852	49.84	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	472391	52.17	ug/l	98
40) Benzene	8.33	78	1046468	49.77	ug/l	100
41) Methacrylonitrile	7.49	41	76239	55.25	ug/l	96
42) 1,2-Dichloroethane	8.41	62	222402	47.53	ug/l	99
43) Isopropyl Acetate	8.43	43	243033	51.58	ug/l	99
44) Trichloroethene	9.10	130	266365	49.60	ug/l	99
45) 1,2-Dichloropropane	9.37	63	245363	51.00	ug/l	99
46) Dibromomethane	9.46	93	109087	47.91	ug/l	98
47) Bromodichloromethane	9.65	83	277340	49.29	ug/l	100
48) Methyl methacrylate	9.44	41	138543	49.84	ug/l	100
49) 1,4-Dioxane	9.48	88	47940	1014.57	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	906659	256.94	ug/l	100
52) Toluene	10.39	92	744792	47.74	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	290510	48.35	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	339884	48.51	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	176472	47.35	ug/l	98
56) Ethyl methacrylate	10.65	69	255781	52.32	ug/l	99
57) 1,3-Dichloropropane	10.94	76	305919	49.88	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	545774	259.14	ug/l	99
59) 2-Hexanone	10.98	43	641715	251.17	ug/l	100
60) Dibromochloromethane	11.13	129	199190	48.70	ug/l	99
61) 1,2-Dibromoethane	11.24	107	173809	49.74	ug/l	100
64) Tetrachloroethene	10.87	164	302967	55.52	ug/l	99
65) Chlorobenzene	11.66	112	809161	49.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	229103	50.73	ug/l	98
67) Ethyl Benzene	11.74	91	1448848	51.46	ug/l	100
68) m/p-Xylenes	11.85	106	1155756	100.64	ug/l	99
69) o-Xylene	12.17	106	546932	52.12	ug/l	100
70) Styrene	12.19	104	889774	51.11	ug/l	99
71) Bromoform	12.35	173	126277	50.28	ug/l #	100
73) Isopropylbenzene	12.47	105	1465939	54.86	ug/l	100
74) N-amyl acetate	12.28	43	287105	56.93	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	219429	54.23	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	155776m	54.87	ug/l	
77) Bromobenzene	12.75	156	332489	50.71	ug/l	97
78) n-propylbenzene	12.81	91	1776817	53.91	ug/l	100
79) 2-Chlorotoluene	12.90	91	1000375	52.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1249056	52.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	61530	48.98	ug/l	98
82) 4-Chlorotoluene	12.99	91	1053091	51.92	ug/l	98
83) tert-Butylbenzene	13.21	119	1086755	54.81	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1265065	52.81	ug/l	100
85) sec-Butylbenzene	13.39	105	1576544	54.16	ug/l	100
86) p-Isopropyltoluene	13.51	119	1385992	53.15	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	683052	49.14	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	667746	48.50	ug/l	99
89) n-Butylbenzene	13.84	91	1283949	52.45	ug/l	99
90) Hexachloroethane	14.10	117	212363	51.81	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	610353	49.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	38683	55.36	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	424425	49.52	ug/l	99
94) Hexachlorobutadiene	15.24	225	259201	48.31	ug/l	99
95) Naphthalene	15.38	128	800895	50.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	376673	49.74	ug/l	99

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

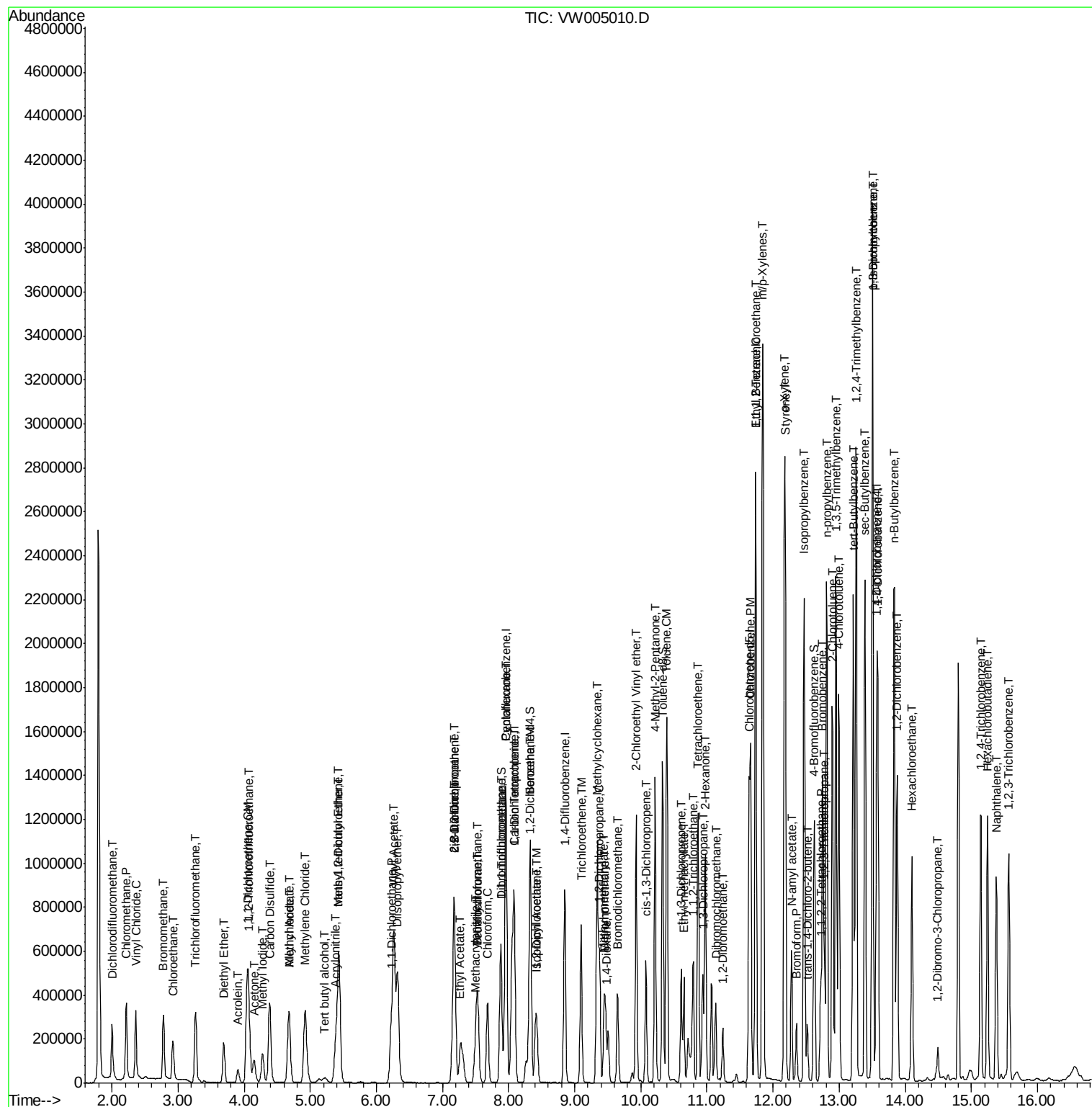
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083018\
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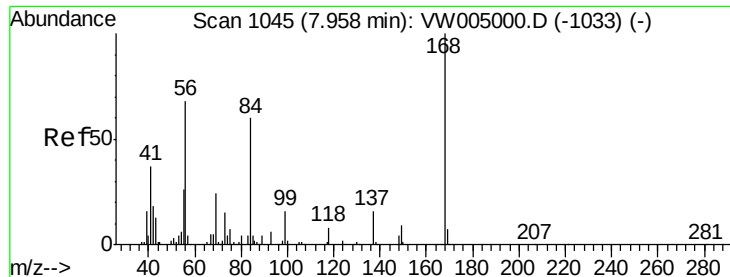
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 534558

Ion Ratio Lower Upper

168 100

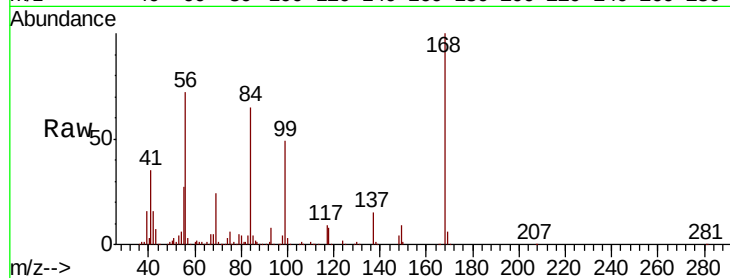
99 49.1 40.2 60.2

Manual Integrations

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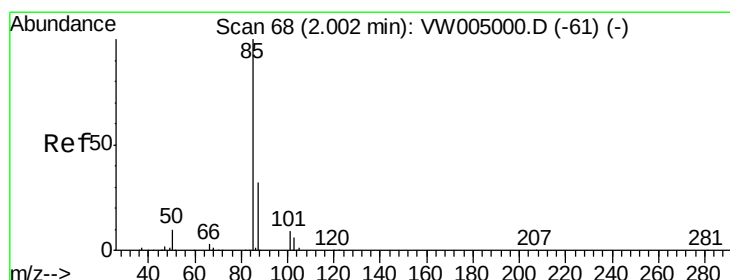
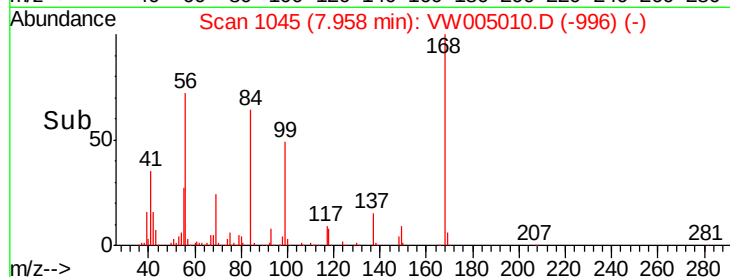
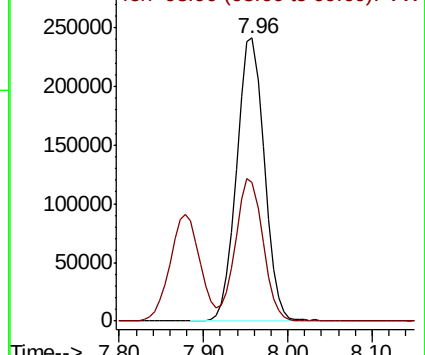
apatel

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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: 45.75 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW005010.D

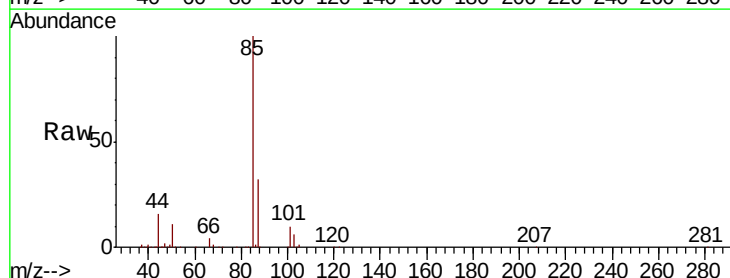
Acq: 30 Aug 2018 11:23

Tgt Ion: 85 Resp: 211279

Ion Ratio Lower Upper

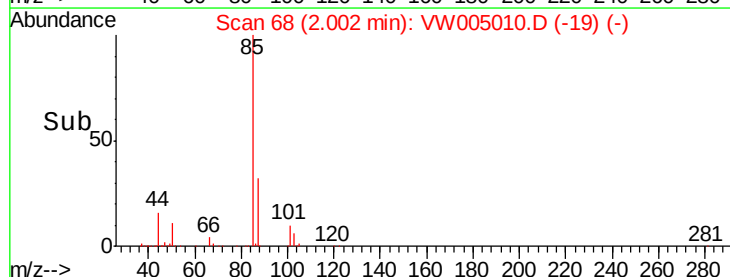
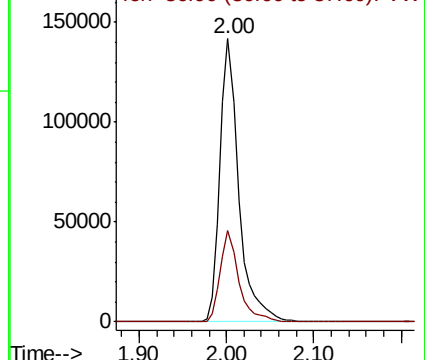
85 100

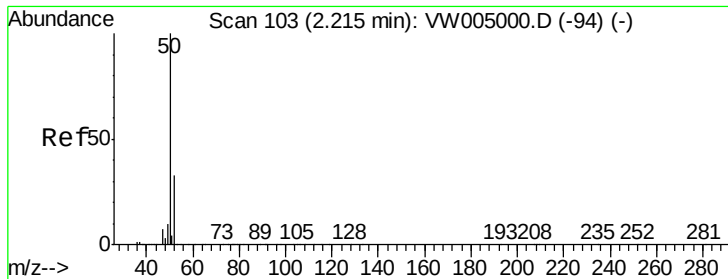
87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 51.39 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

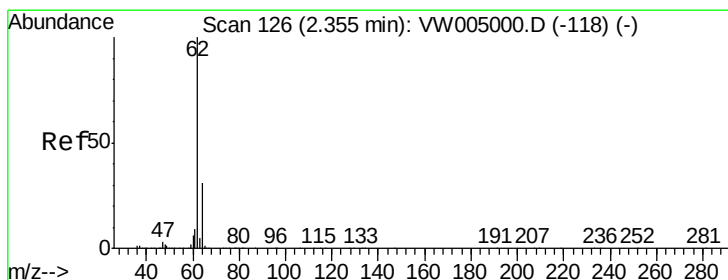
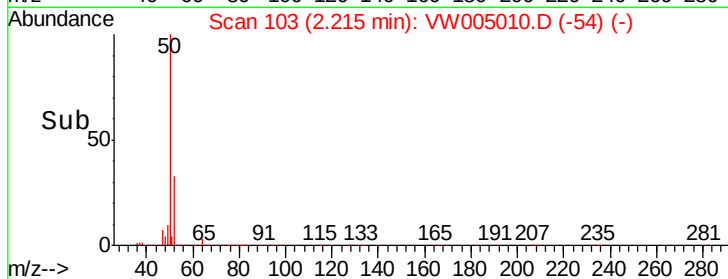
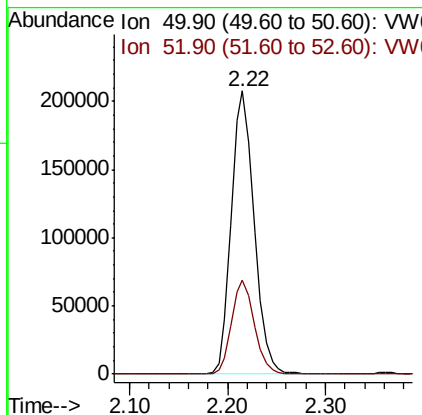
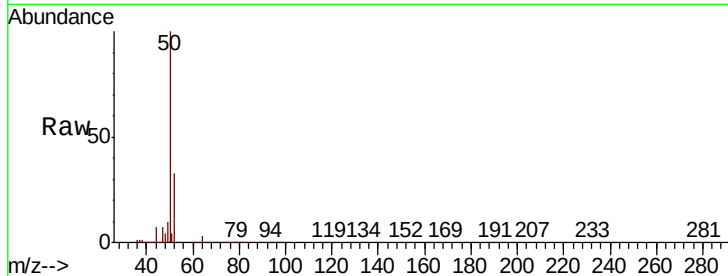
ClientSampleId :

VSTDCCC050

Tot Ion	50	Resp	337062
Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.1	39.1

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#4

Vinyl Chloride

Concen: 47.72 ug/l

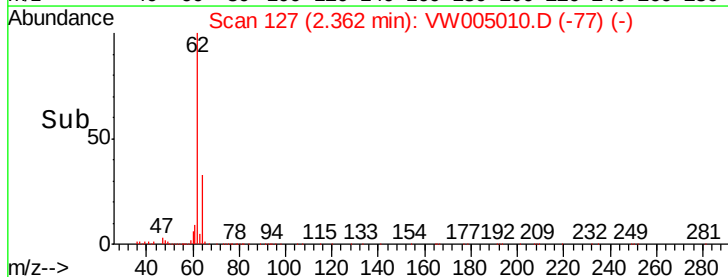
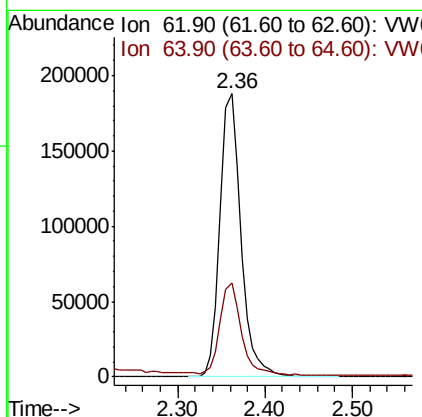
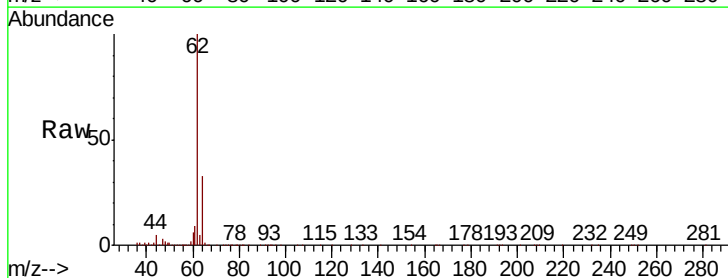
RT: 2.36 min Scan# 127

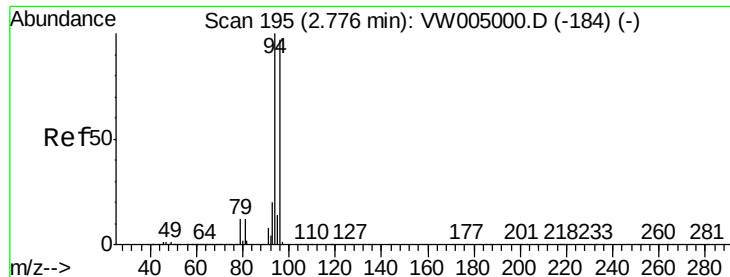
Delta R.T. 0.01 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tgt Ion	62	Resp	312388
Ion	Ratio	Lower	Upper
62	100		
64	32.4	24.8	37.2





#5

Bromomethane

Concen: 44.57 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 190733

Ion Ratio Lower Upper

94 100

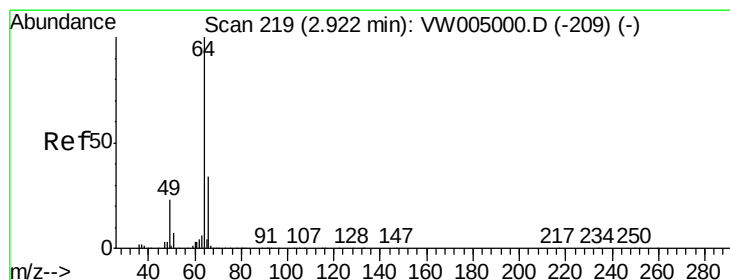
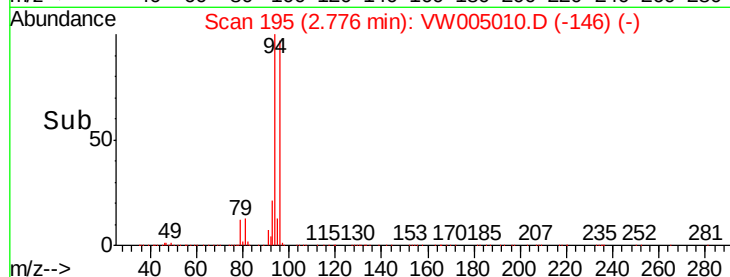
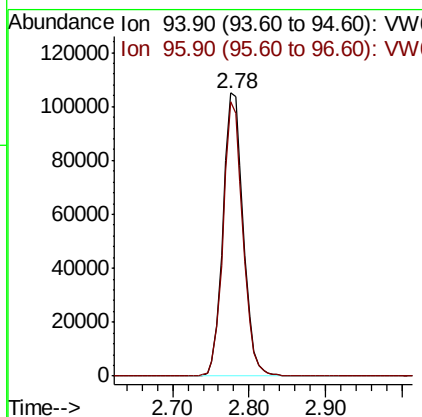
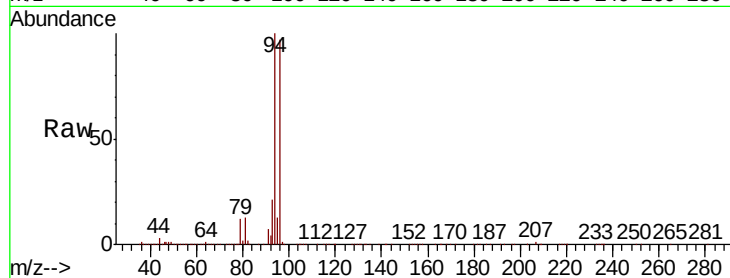
96 96.9 77.5 116.3

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8/31/2018 11:39:09 AM



#6

Chloroethane

Concen: 47.36 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW005010.D

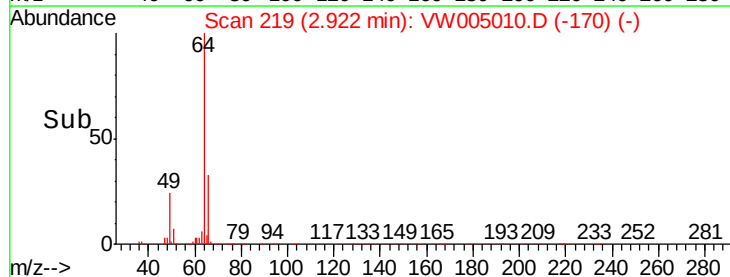
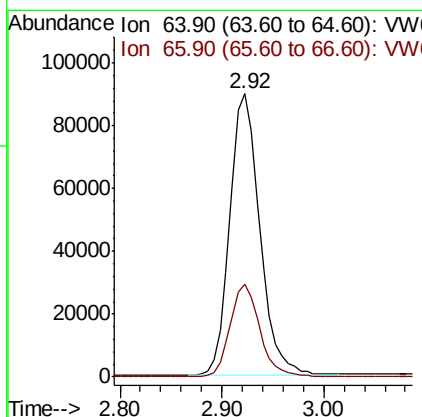
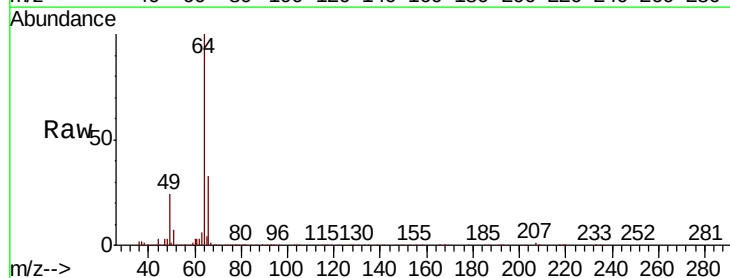
Acq: 30 Aug 2018 11:23

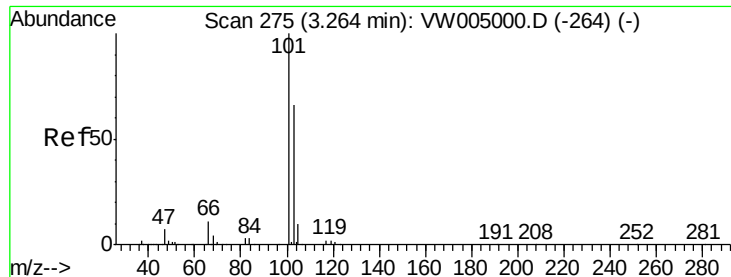
Tgt Ion: 64 Resp: 183325

Ion Ratio Lower Upper

64 100

66 32.7 26.8 40.2





#7

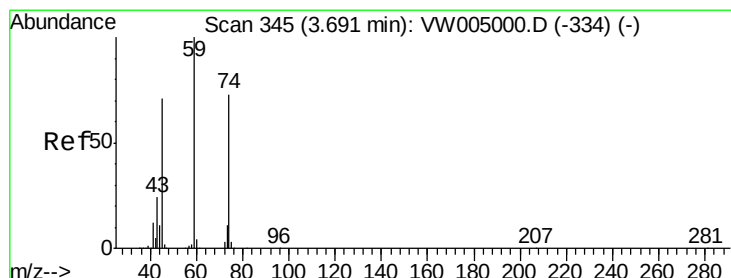
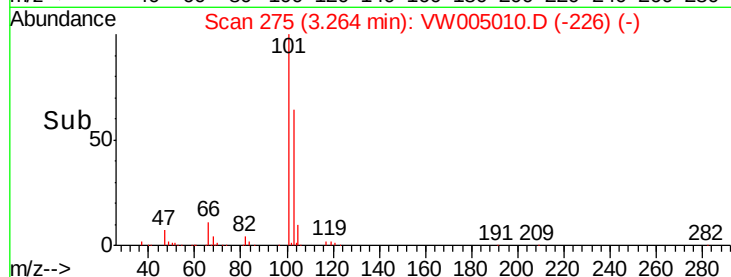
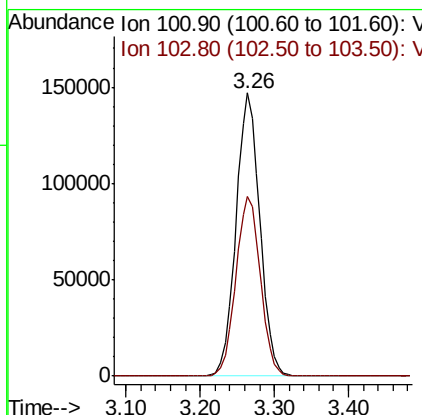
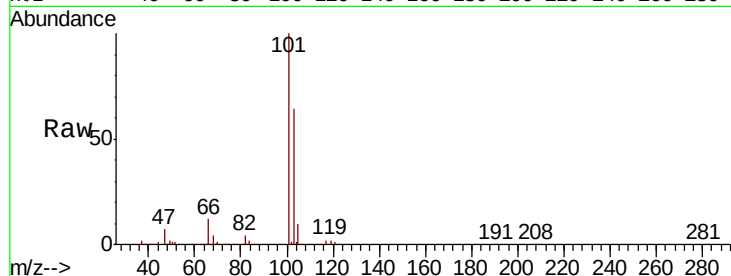
Trichlorofluoromethane
 Concen: 48.67 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: VW005010.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		329419		
103	63.7	52.6	78.8		

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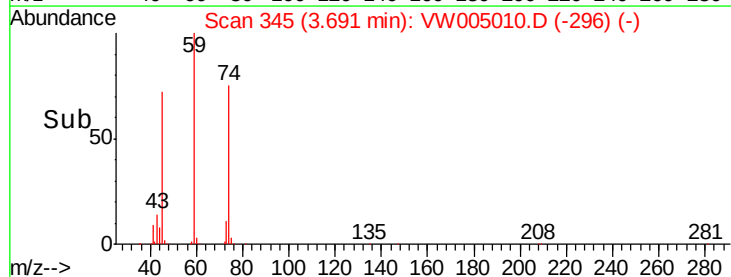
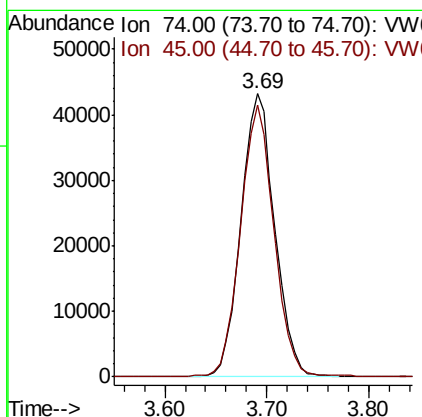
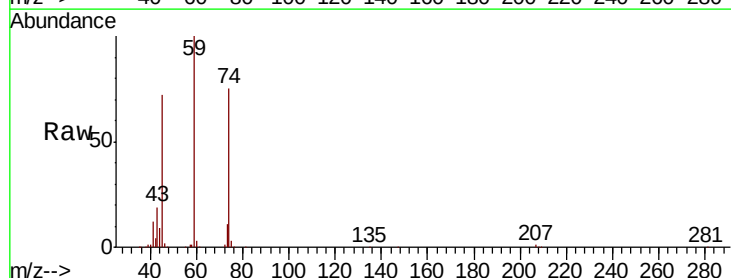
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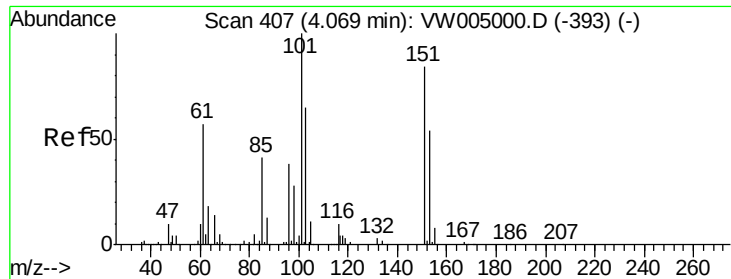


#8

Diethyl Ether
 Concen: 51.48 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VW005010.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		99083		
45	94.9	47.8	143.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.05 ug/l

RT: 4.07 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

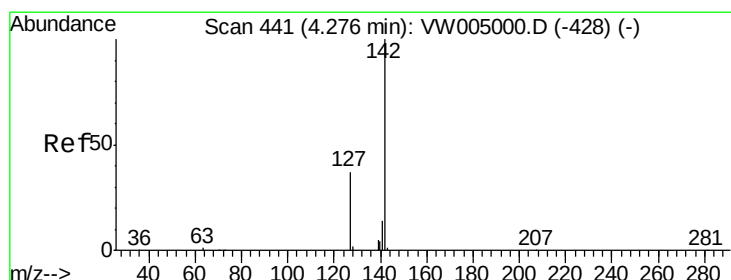
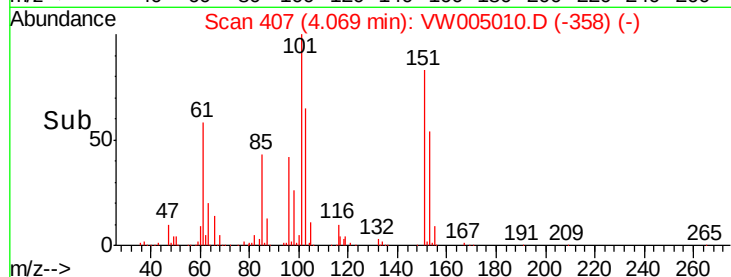
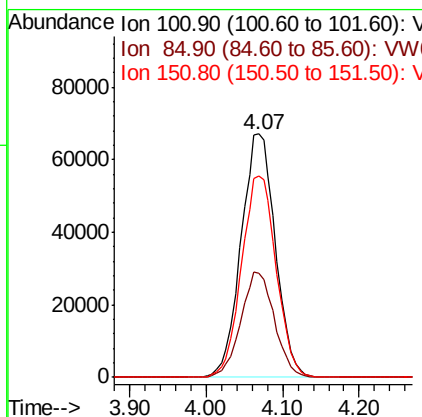
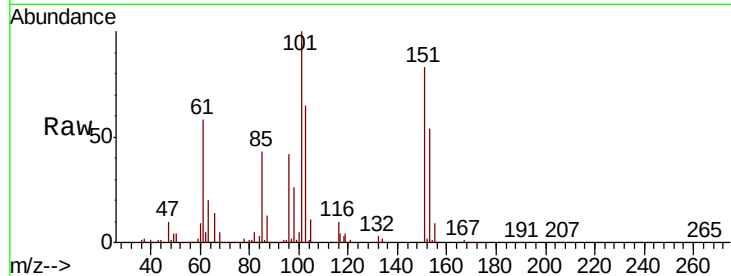
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	209104
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.4	50.0
151	83.6	67.0	100.4

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#10

Methyl Iodide

Concen: 37.59 ug/l m

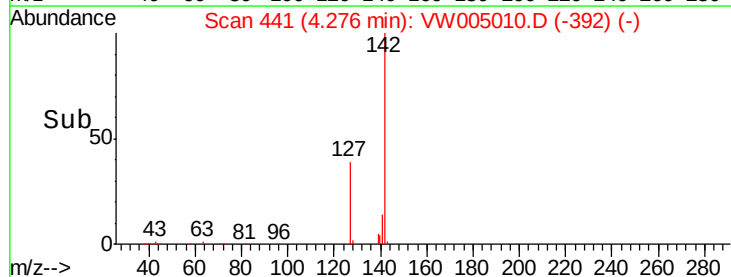
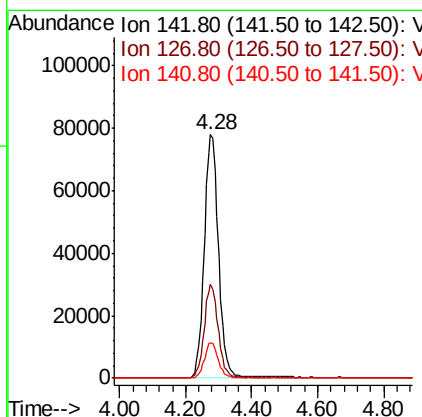
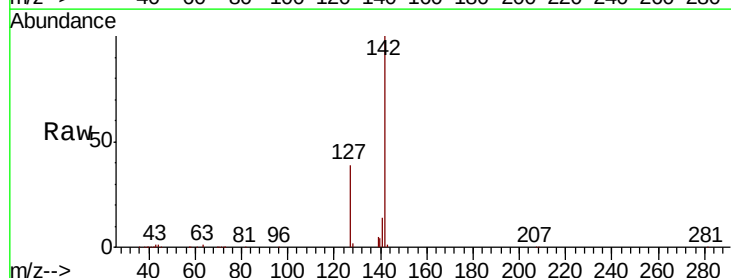
RT: 4.28 min Scan# 441

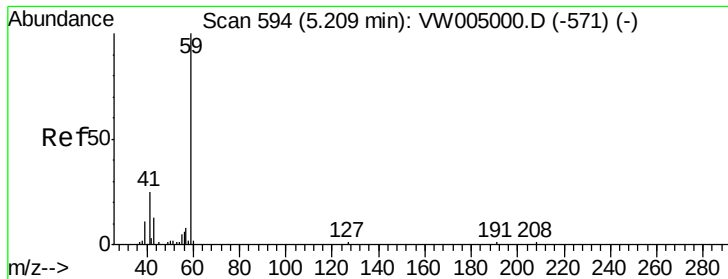
Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tgt Ion:	142	Resp:	237167
Ion Ratio	Lower	Upper	
142	100		
127	36.8	31.1	46.7
141	13.8	11.4	17.2





#11

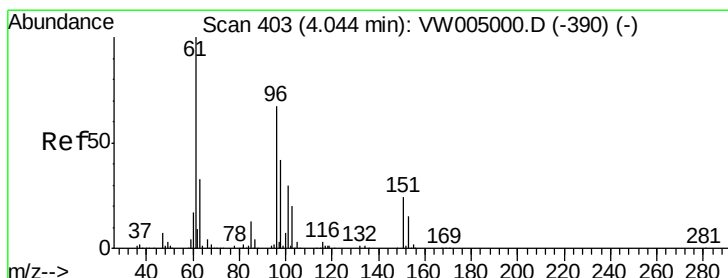
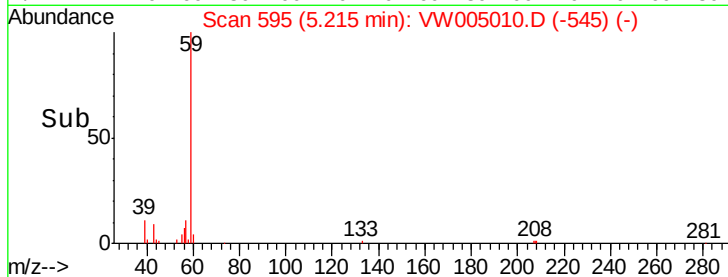
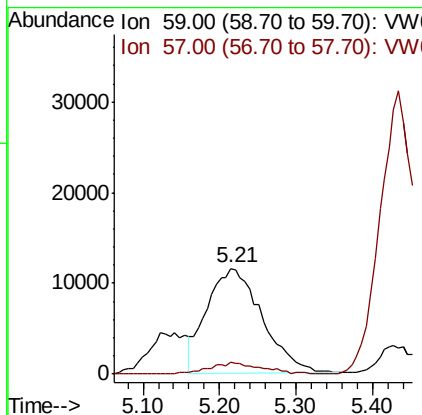
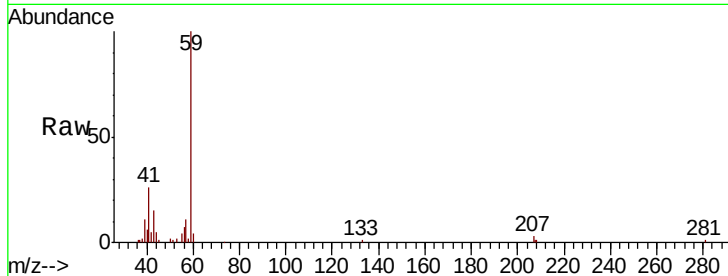
Tert butyl alcohol
 Concen: 218.92 ug/l
 RT: 5.21 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	58002
Ion Ratio	100	Lower	Upper
57	10.6	8.1	12.1

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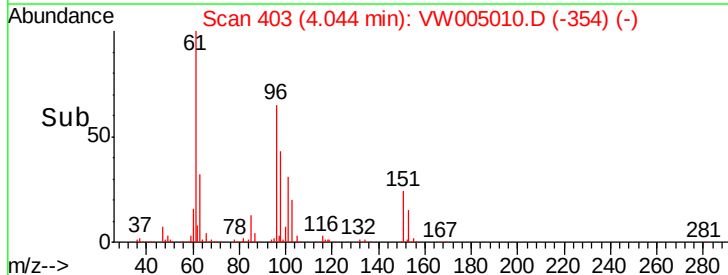
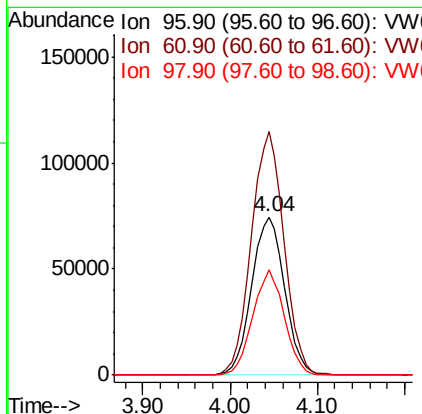
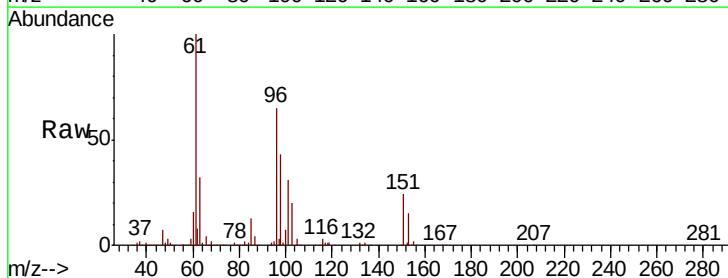
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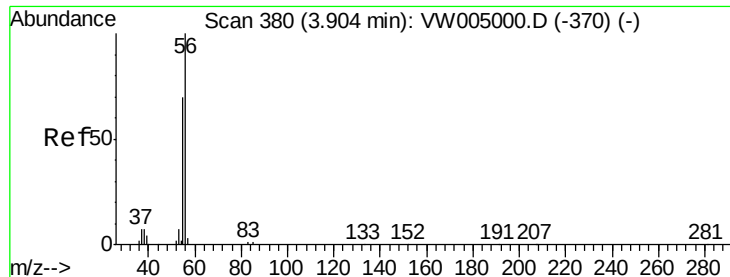


#12

1,1-Dichloroethene
 Concen: 50.34 ug/l
 RT: 4.04 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	96	Resp	196495
Ion Ratio	100	Lower	Upper
61	153.8	119.5	179.3
98	66.6	50.4	75.6





#13

Acrolein

Concen: 236.46 ug/l

RT: 3.91 min Scan# 381

Delta R.T. 0.01 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 73728

Ion Ratio Lower Upper

56 100

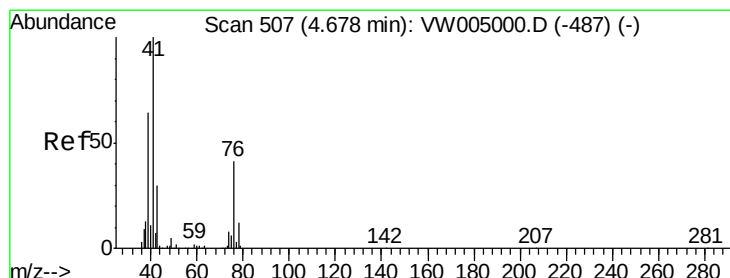
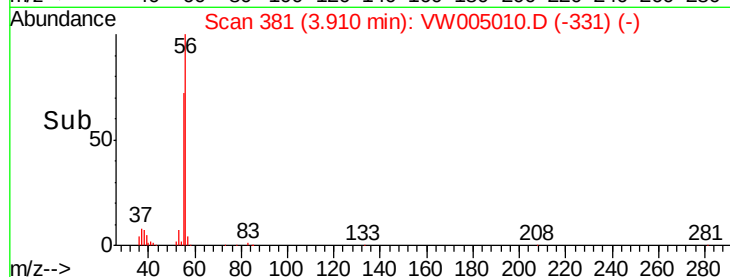
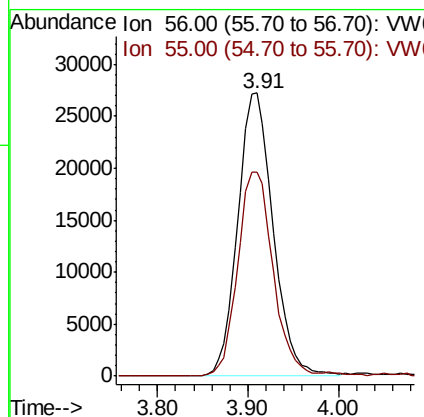
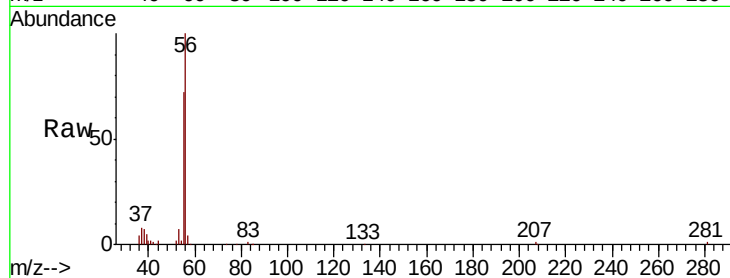
55 71.9 56.4 84.6

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#14

Allyl chloride

Concen: 50.59 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

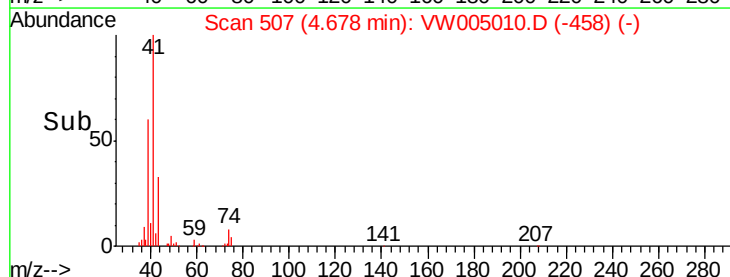
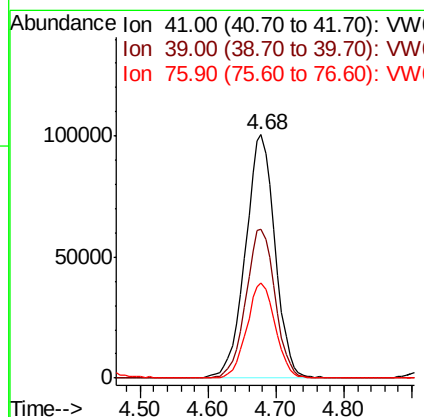
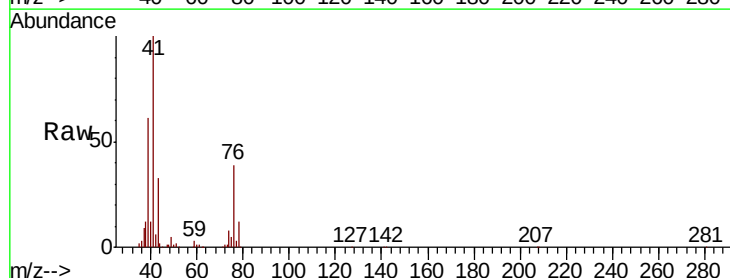
Tgt Ion: 41 Resp: 304097

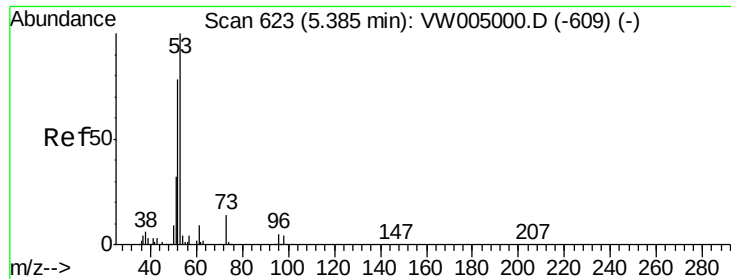
Ion Ratio Lower Upper

41 100

39 60.4 49.4 74.2

76 37.6 31.4 47.2





#15

Acrylonitrile

Concen: 252.91 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.01 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

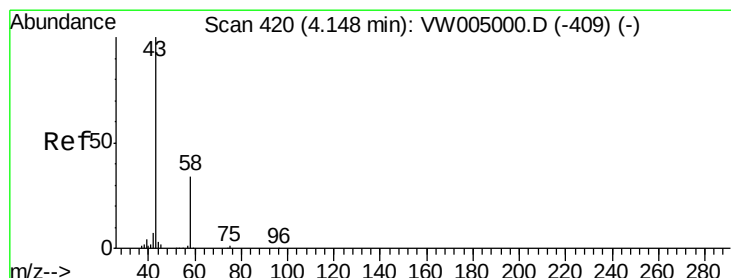
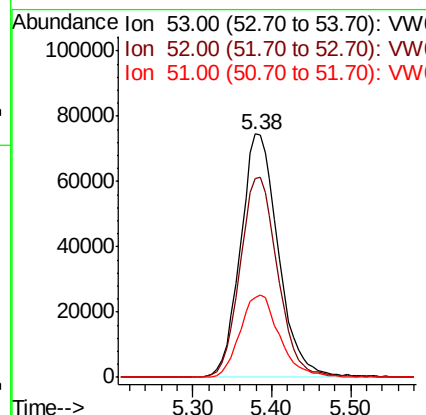
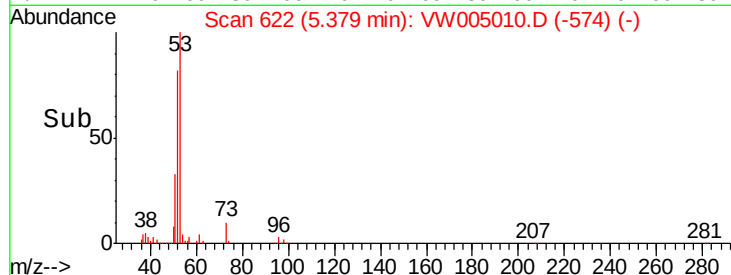
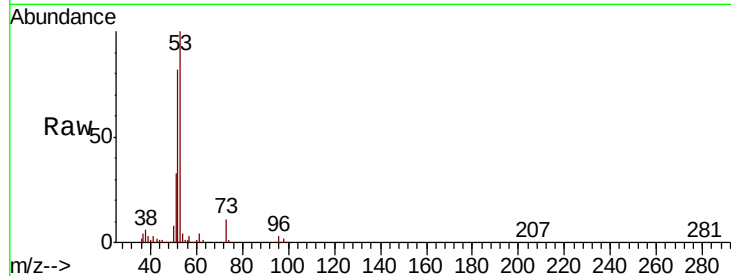
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	248237
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.0	97.6
51	35.4	28.6	43.0

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#16

Acetone

Concen: 244.41 ug/l

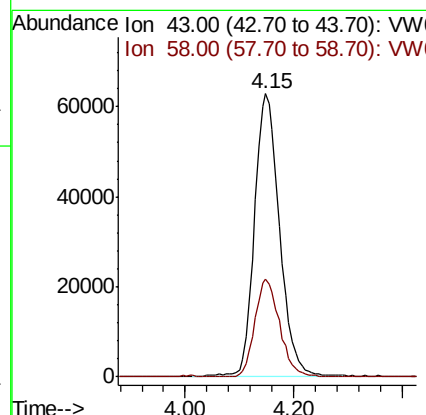
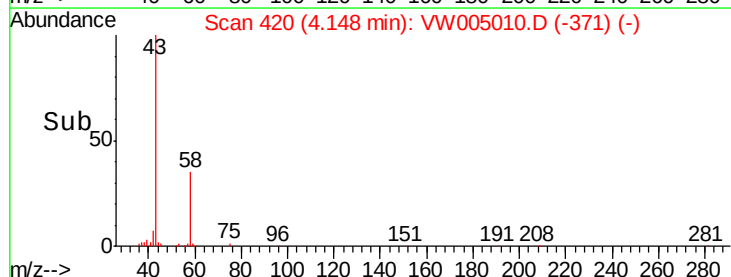
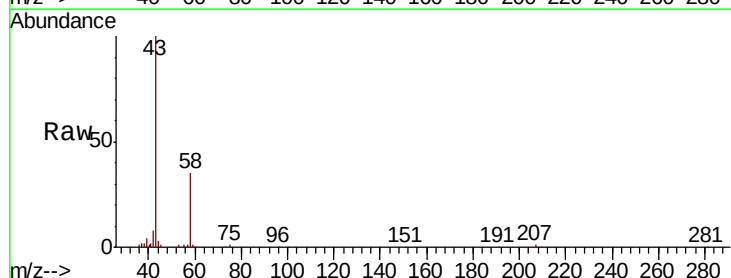
RT: 4.15 min Scan# 420

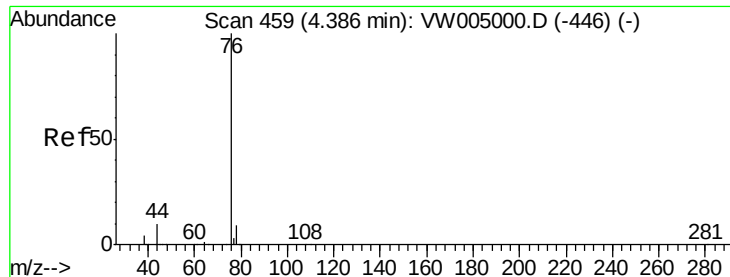
Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tgt Ion:	43	Resp:	201539
Ion Ratio	Lower	Upper	
43	100		
58	34.5	27.2	40.8





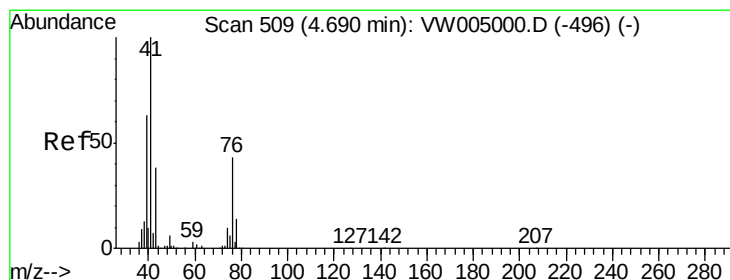
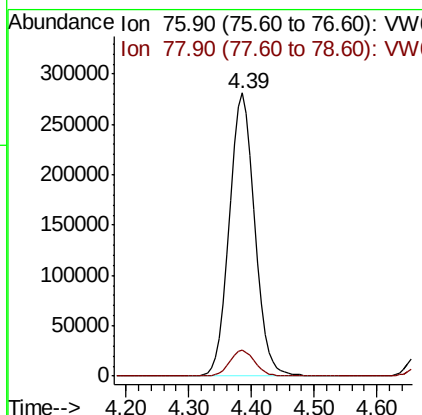
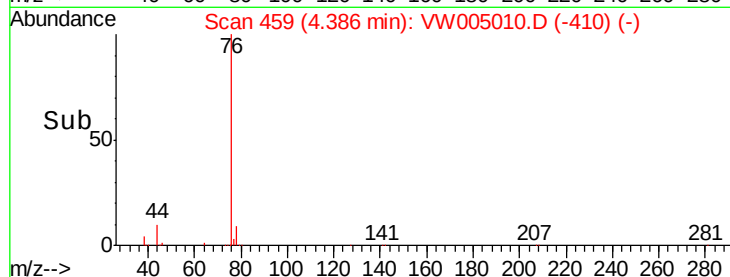
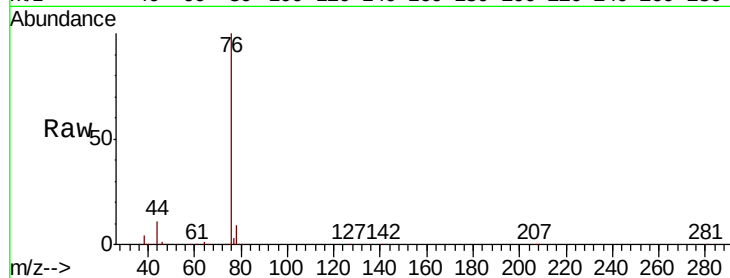
#17
Carbon Disulfide
Concen: 47.98 ug/l
RT: 4.39 min Scan# 459
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

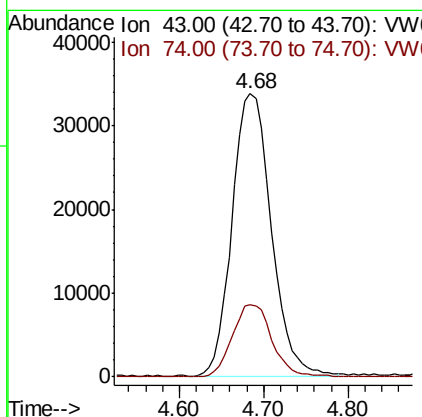
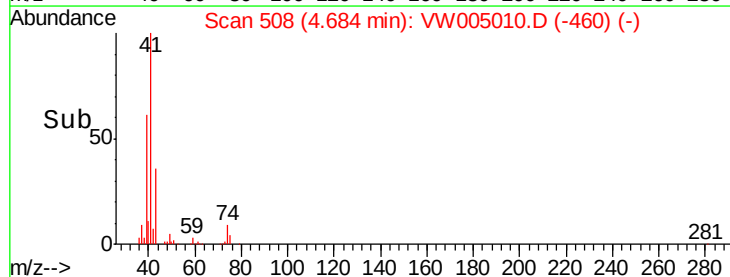
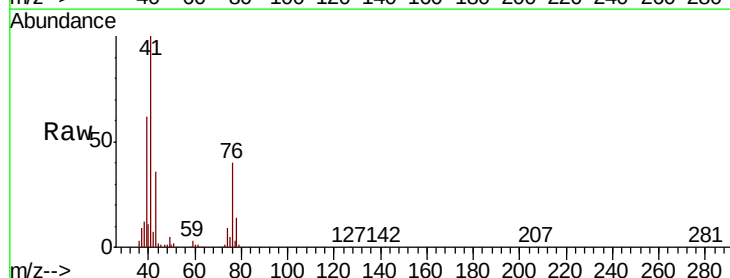
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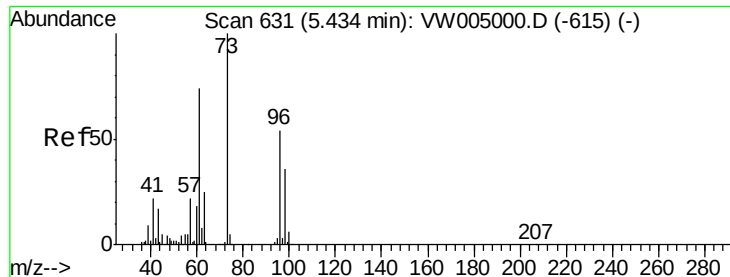
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#18
Methyl Acetate
Concen: 53.41 ug/l
RT: 4.68 min Scan# 508
Delta R.T. -0.01 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.3	30.5





#19

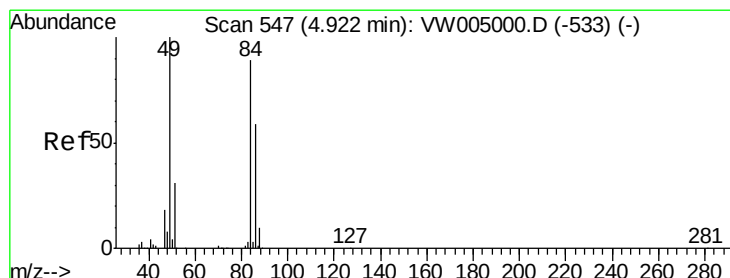
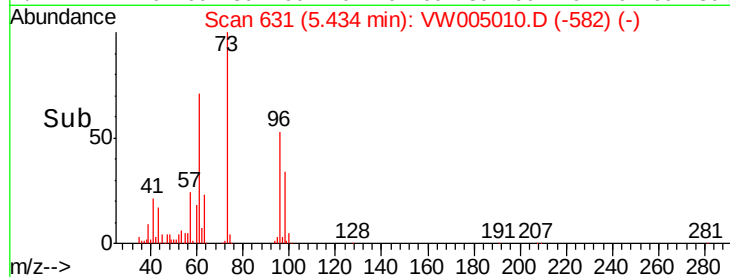
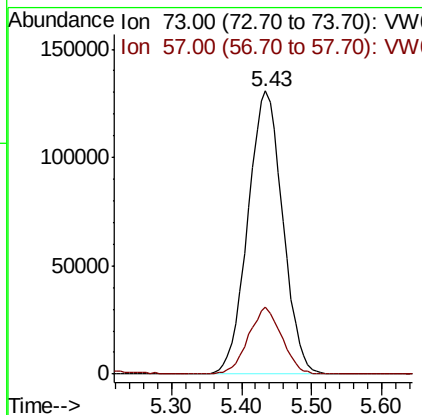
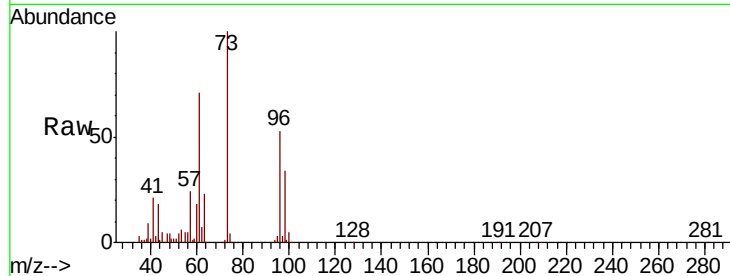
Methyl tert-butyl Ether
 Concen: 53.91 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.6	26.4

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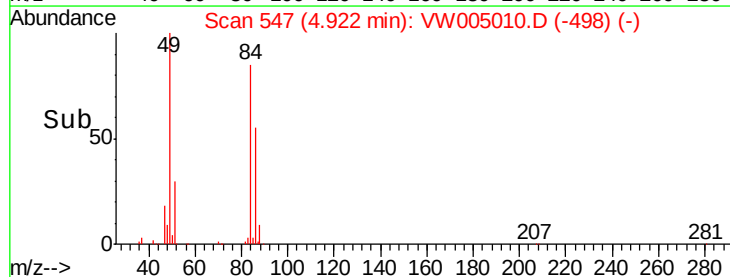
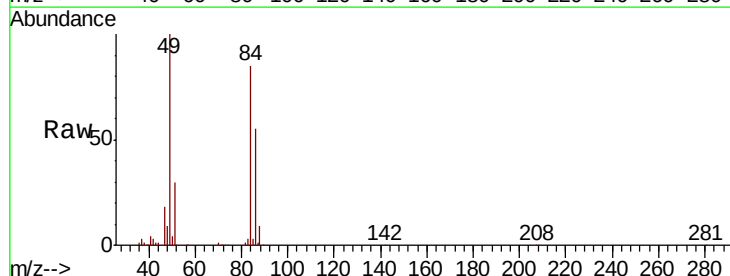
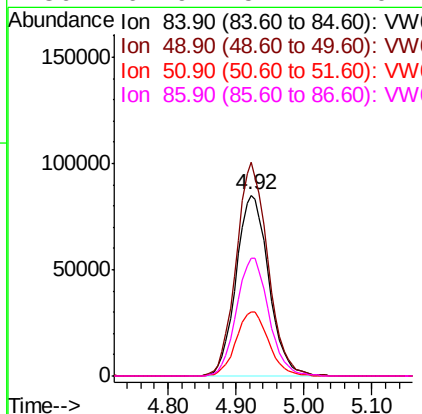
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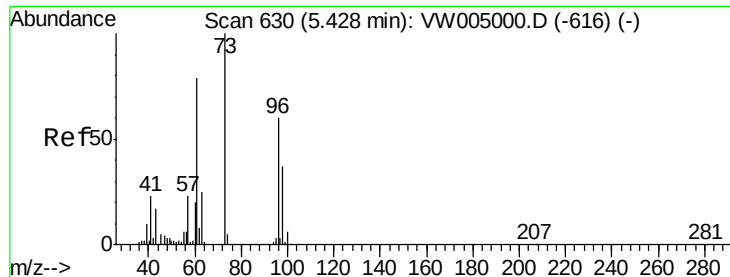


#20

Methylene Chloride
 Concen: 48.40 ug/l
 RT: 4.92 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.0	89.7	134.5
51	35.3	27.5	41.3
86	64.9	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 50.23 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

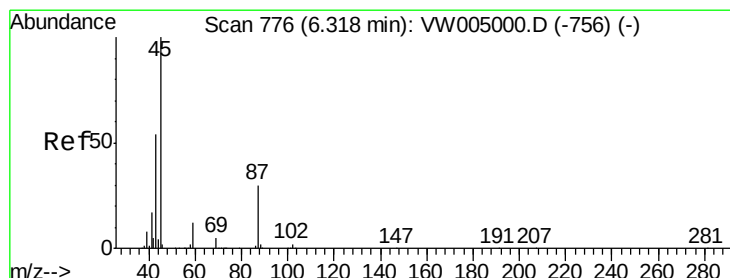
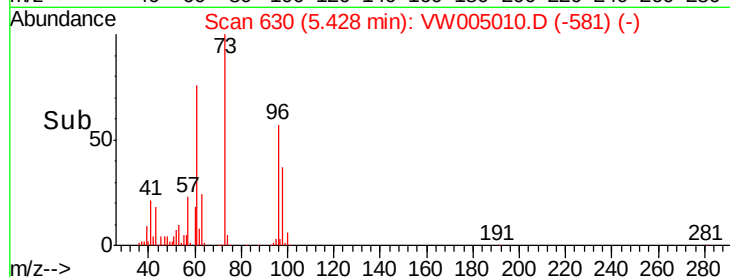
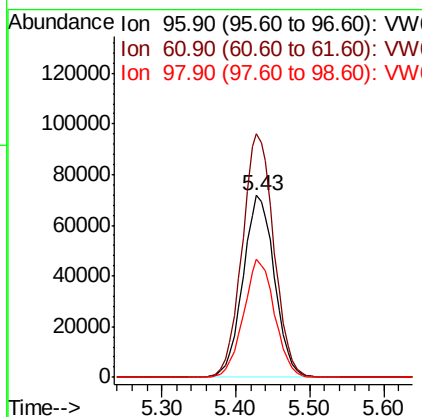
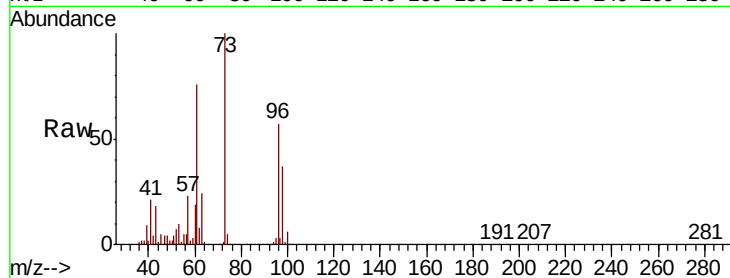
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	212875
Ion	Ratio	Lower	Upper
96	100		
61	134.0	106.2	159.2
98	65.1	49.5	74.3

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#22

Diisopropyl ether

Concen: 53.92 ug/l

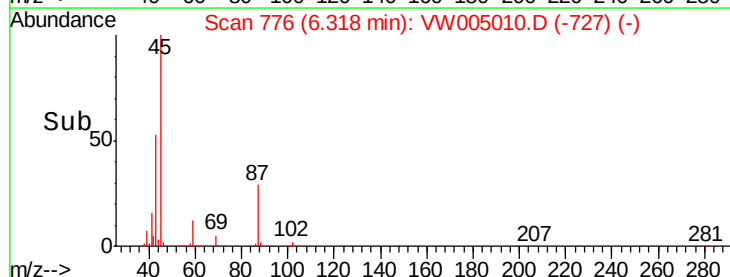
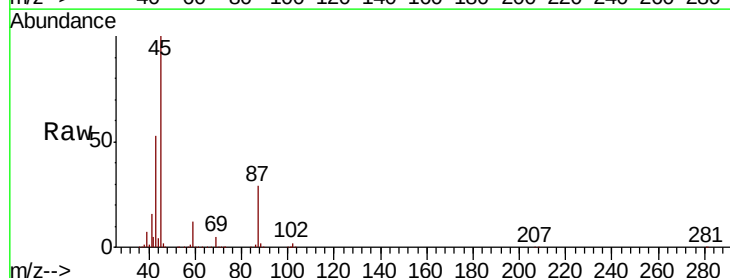
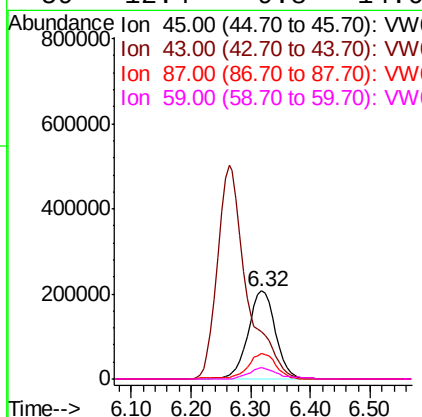
RT: 6.32 min Scan# 776

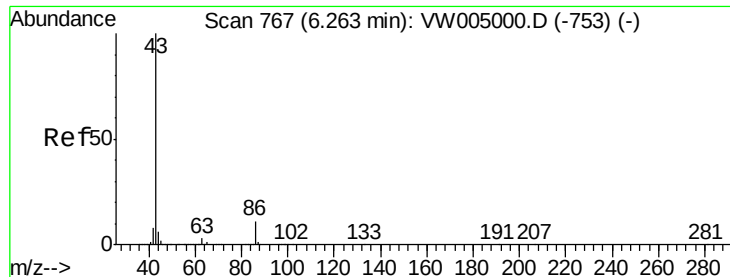
Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tgt Ion:	45	Resp:	661592
Ion	Ratio	Lower	Upper
45	100		
43	53.1	43.5	65.3
87	29.4	23.8	35.8
59	12.4	9.8	14.6





#23

Vinyl Acetate

Concen: 272.03 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tot Ion: 43 Resp: 1706521

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.6

Instrument :

MSVOA_W

ClientSampled :

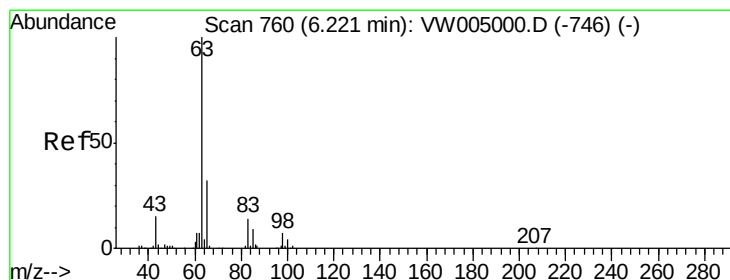
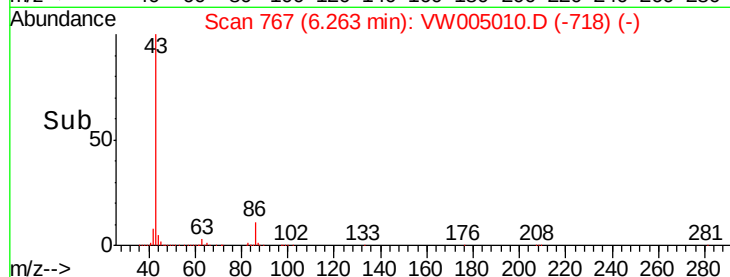
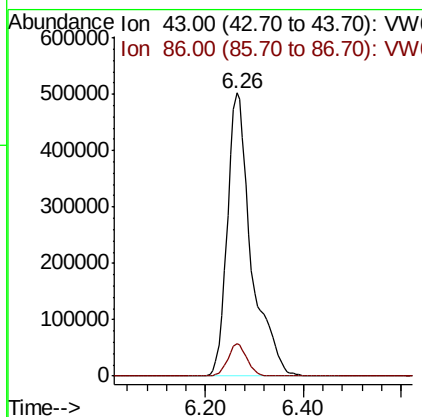
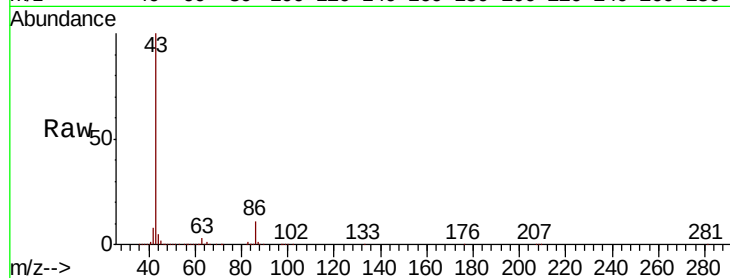
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 50.19 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

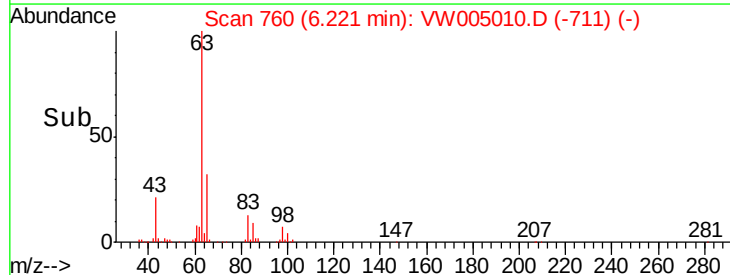
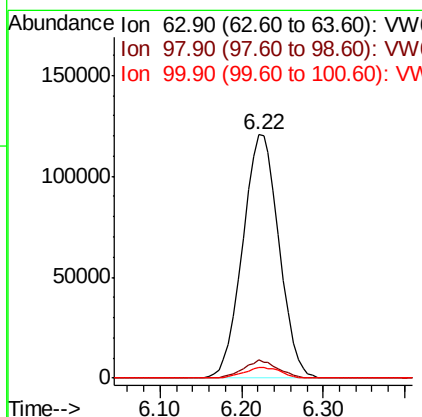
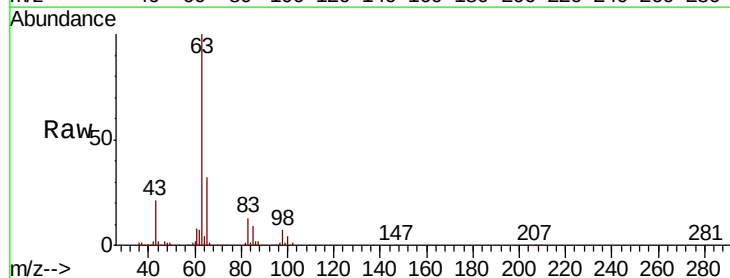
Tgt Ion: 63 Resp: 372613

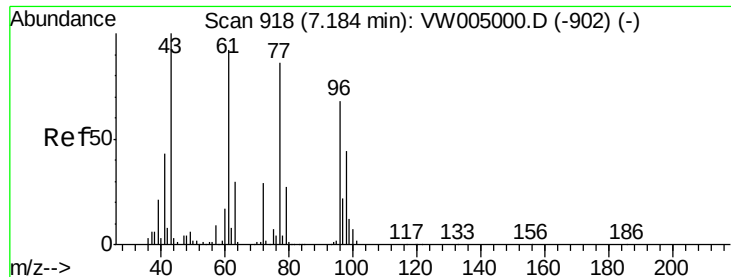
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 261.73 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 336565

Ion Ratio Lower Upper

43 100

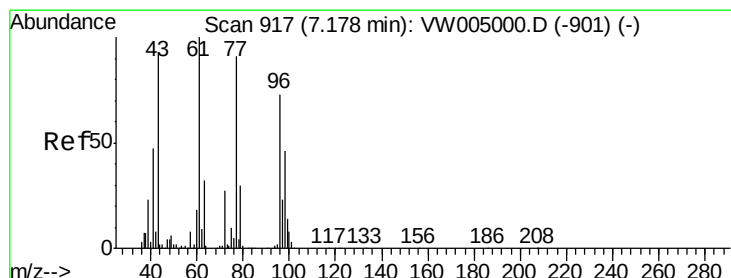
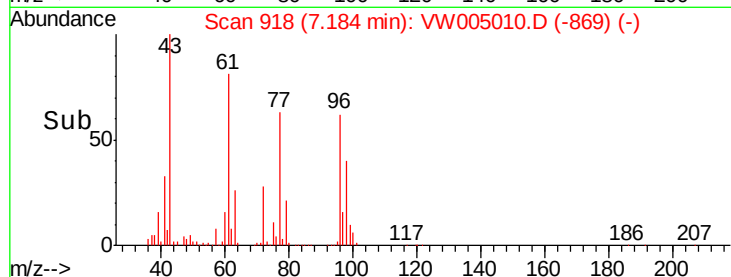
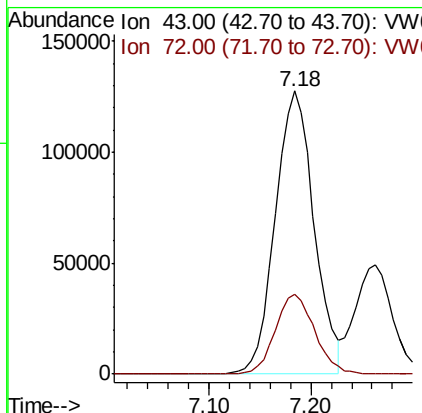
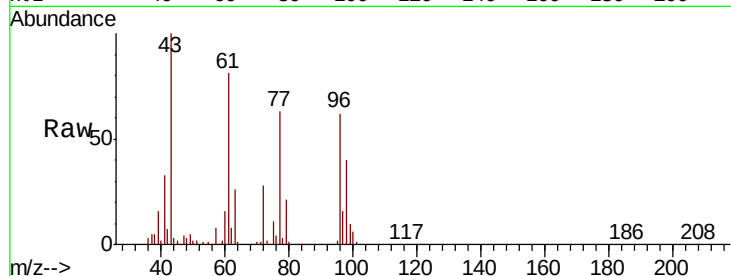
72 28.3 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 42.00 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005010.D

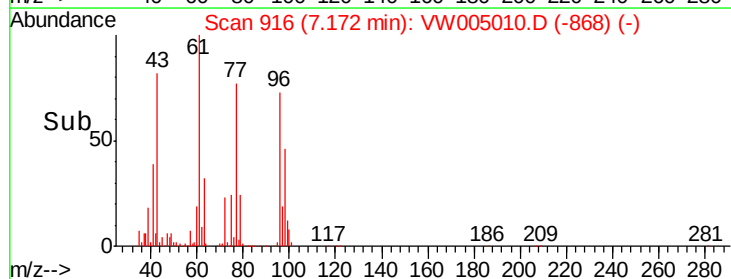
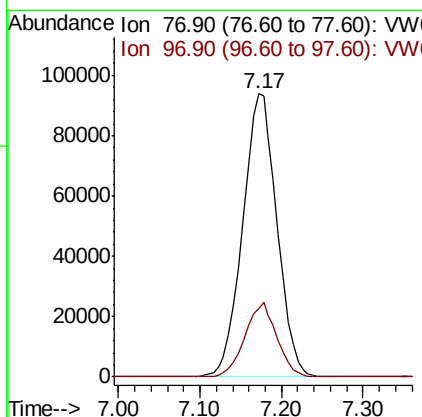
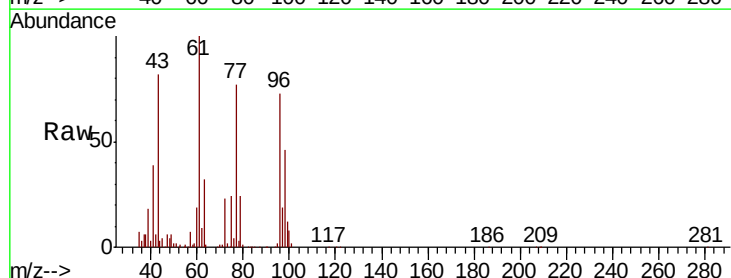
Acq: 30 Aug 2018 11:23

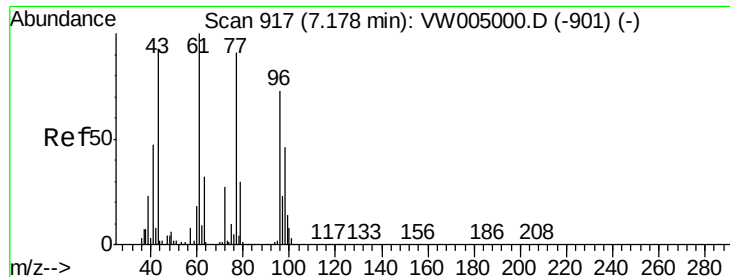
Tgt Ion: 77 Resp: 273698

Ion Ratio Lower Upper

77 100

97 24.5 12.2 36.4





#27

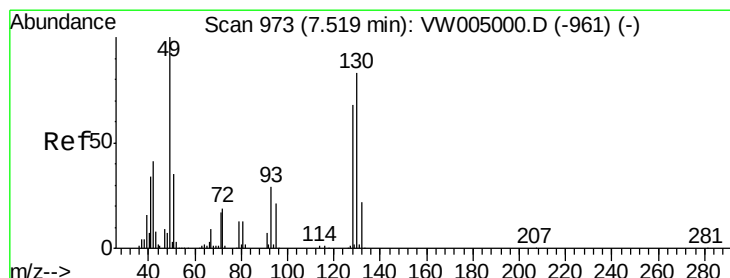
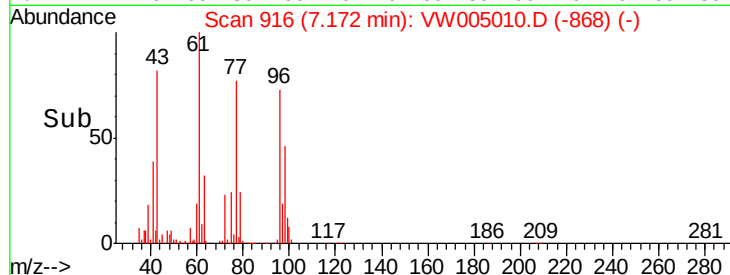
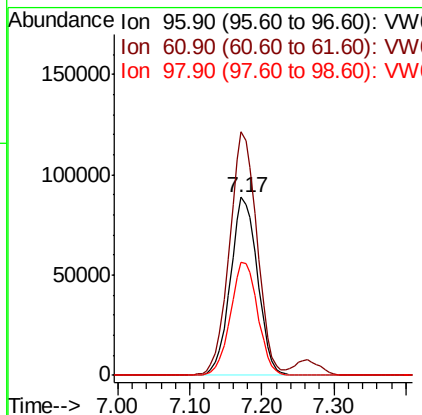
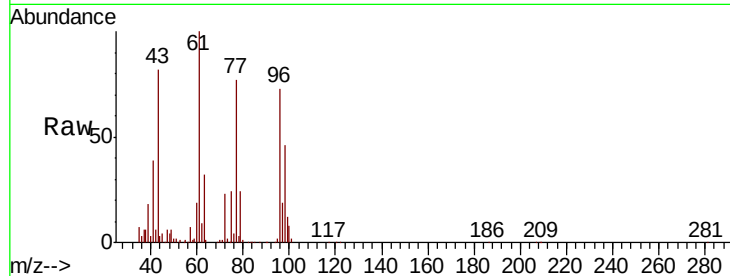
cis-1,2-Dichloroethene
Concen: 50.41 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	232438		
61	138.6	0.0	281.6	
98	63.7	0.0	129.0	

Manual Integrations
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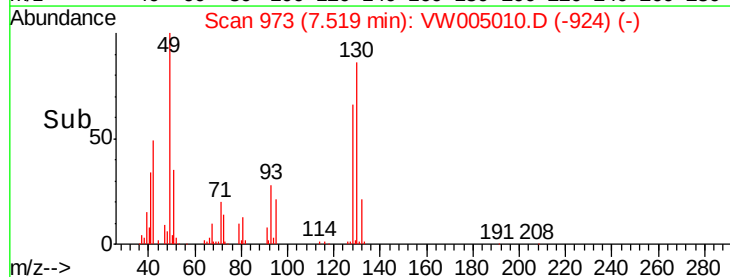
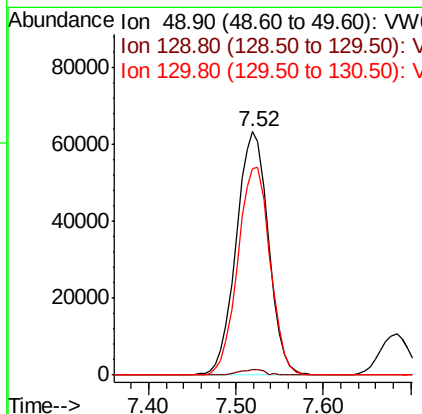
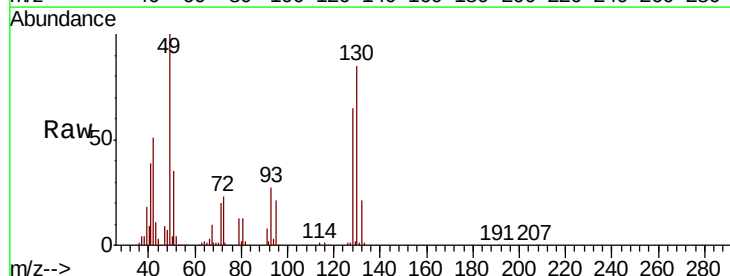
apatel
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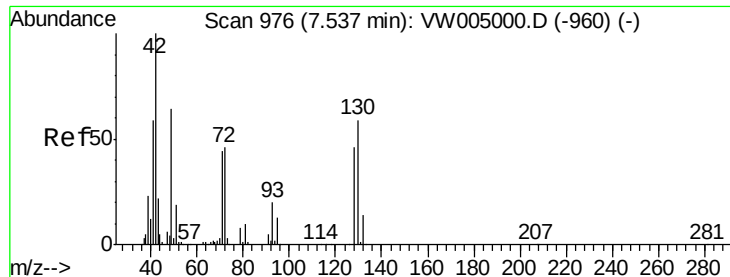


#28

Bromochloromethane
Concen: 49.47 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	161505		
129	2.0	0.0	4.2	
130	85.6	68.2	102.2	





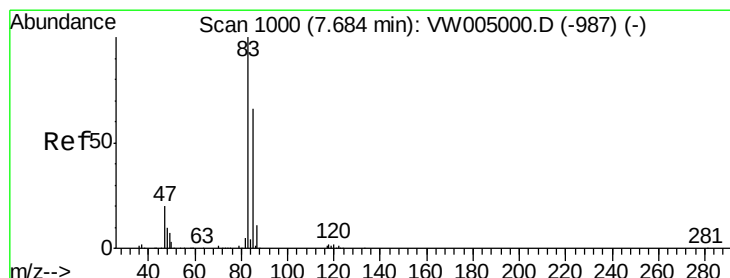
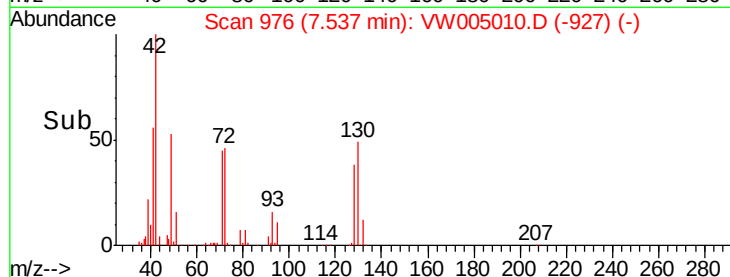
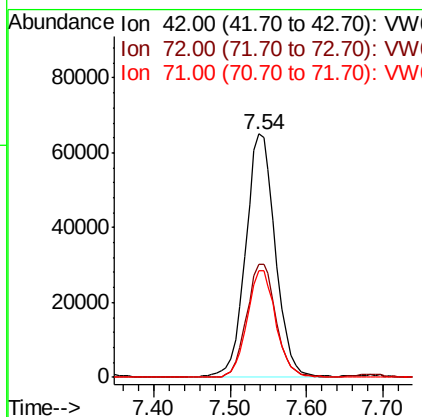
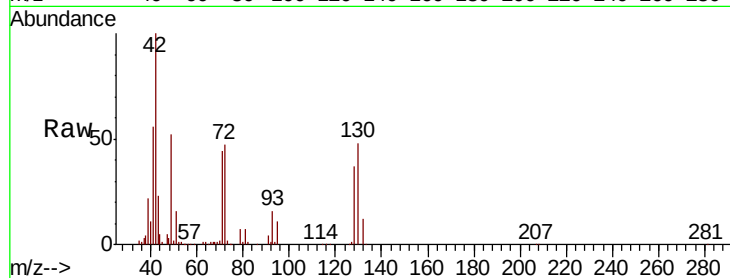
#29
Tetrahydrofuran
Concen: 269.24 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.6	55.0
71	42.5	35.4	53.2

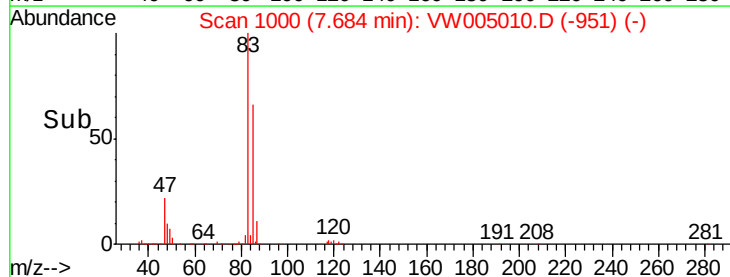
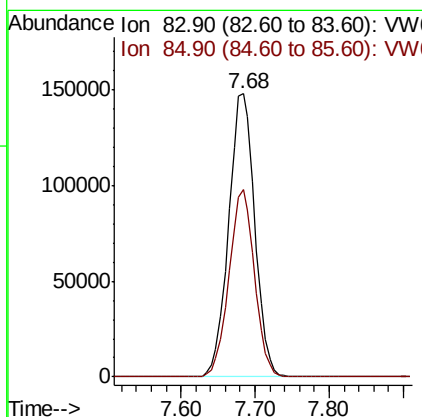
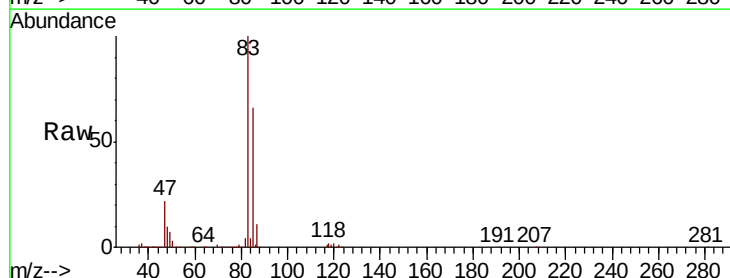
Manual Integrations
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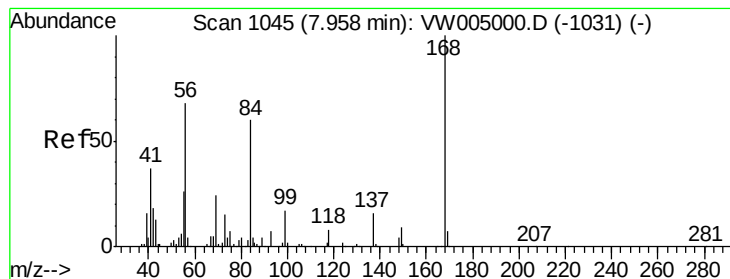
apatel
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#30
Chloroform
Concen: 49.62 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.6	78.8





#31

Cyclohexane

Concen: 54.99 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

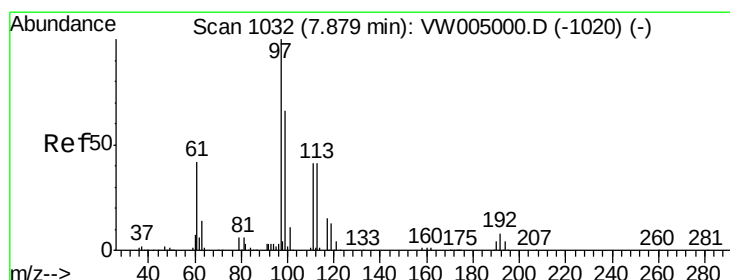
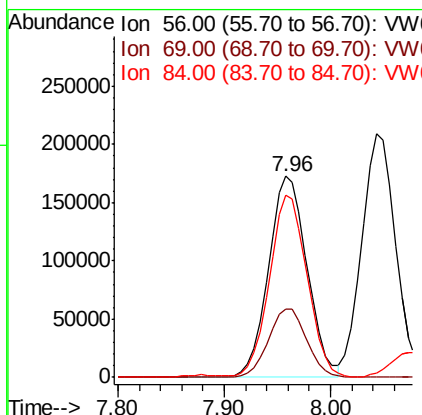
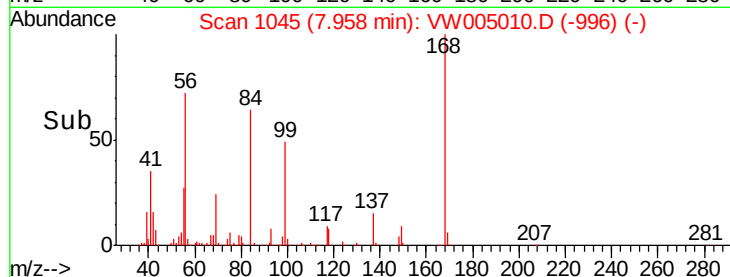
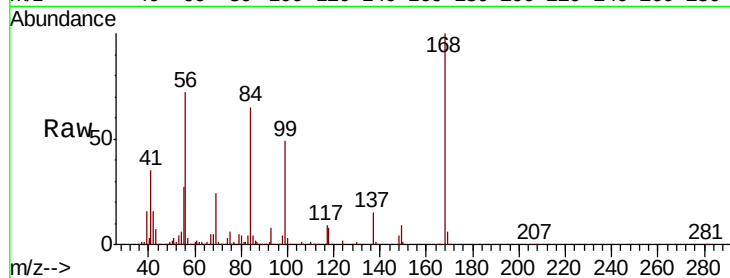
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	432672
Ion Ratio	Lower	Upper	
56	100		
69	34.1	27.9	41.9
84	89.4	70.5	105.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.47 ug/l

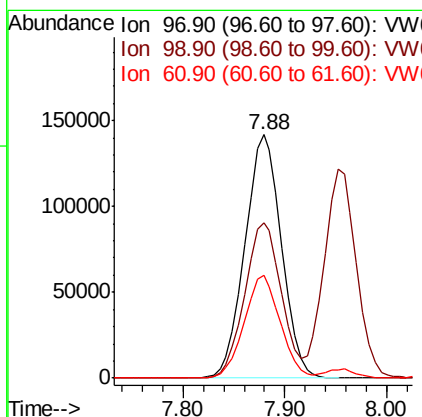
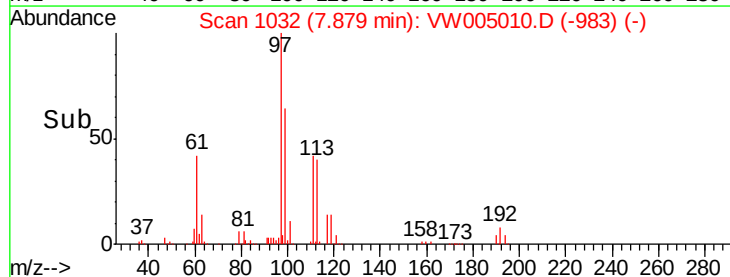
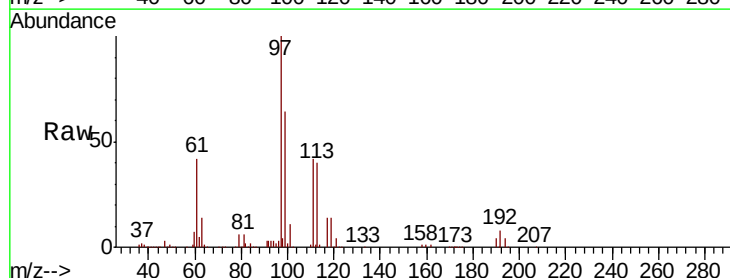
RT: 7.88 min Scan# 1032

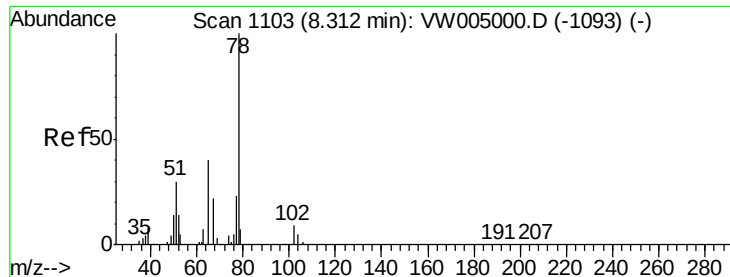
Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tgt Ion:	97	Resp:	352528
Ion Ratio	Lower	Upper	
97	100		
99	64.1	52.3	78.5
61	41.8	33.2	49.8





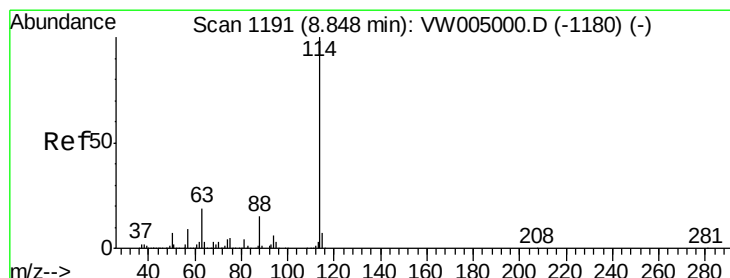
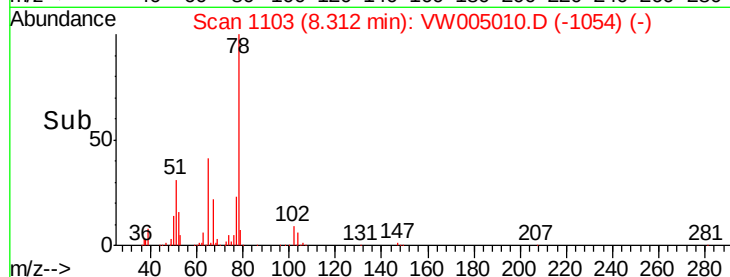
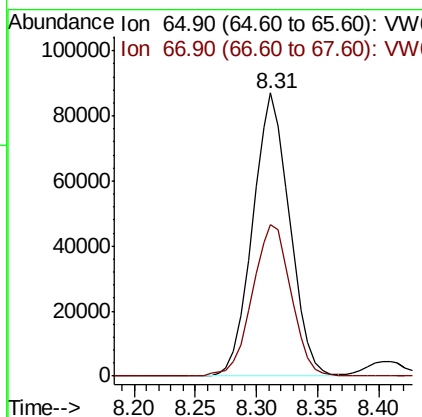
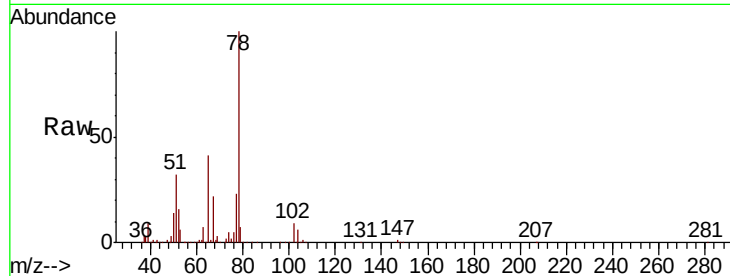
#33
 1,2-Dichloroethane-d4
 Concen: 49.92 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182529		
67	56.3	0.0	112.8	

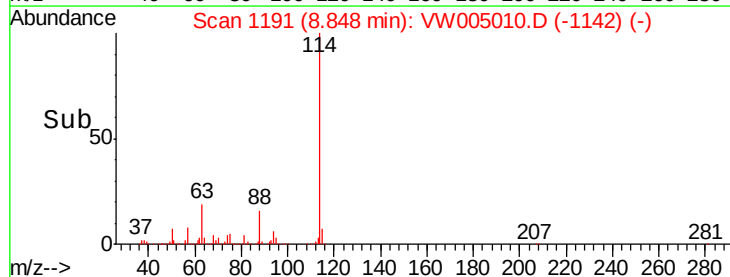
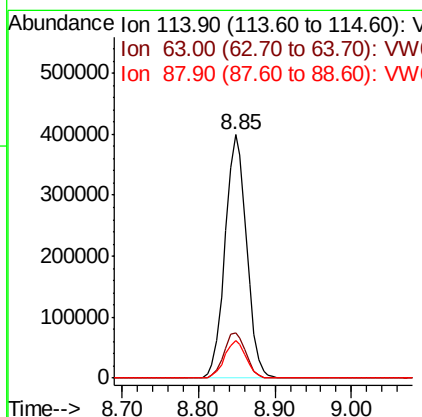
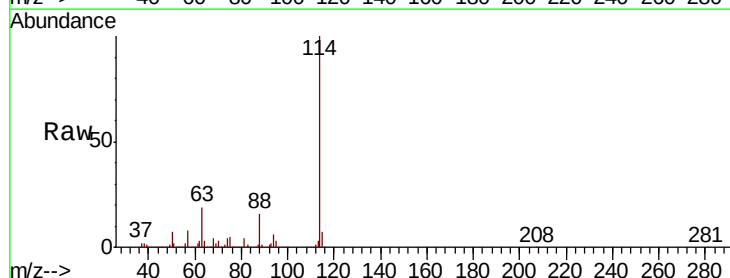
Manual Integrations
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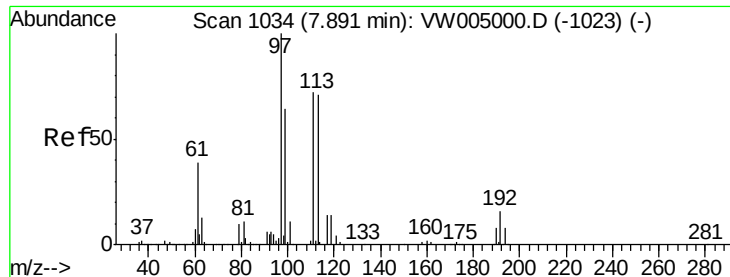
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	775279		
63	18.7	0.0	38.4	
88	15.6	0.0	30.6	





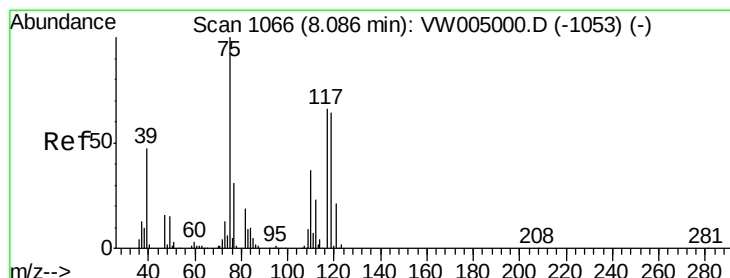
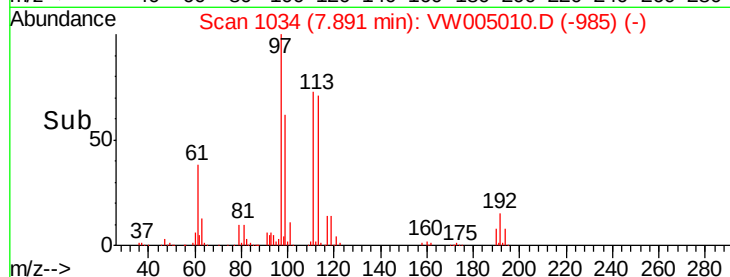
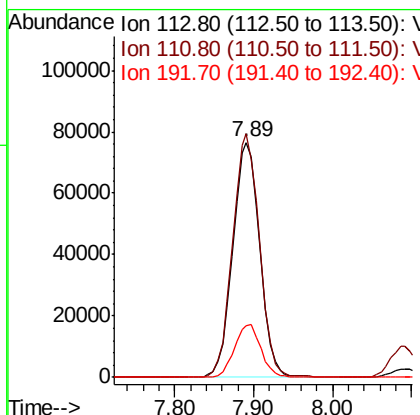
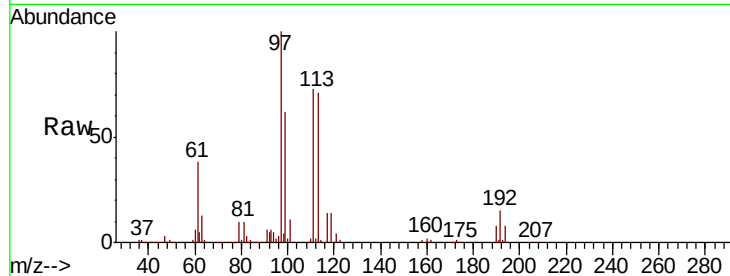
#35
 Dibromofluoromethane
 Concen: 47.30 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	181709		
111	102.8	81.3	121.9	
192	21.8	17.8	26.8	

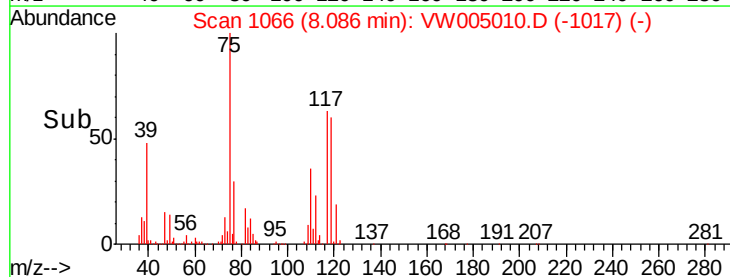
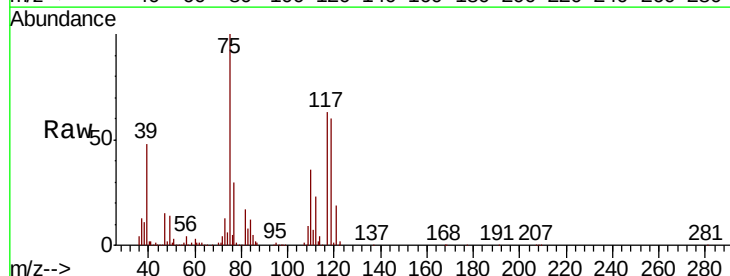
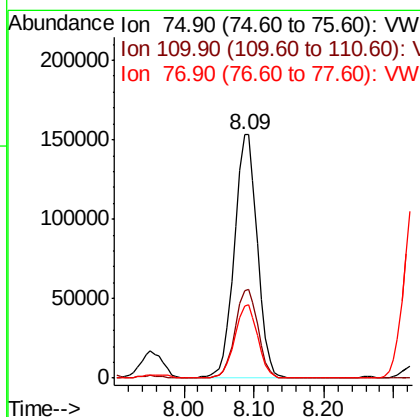
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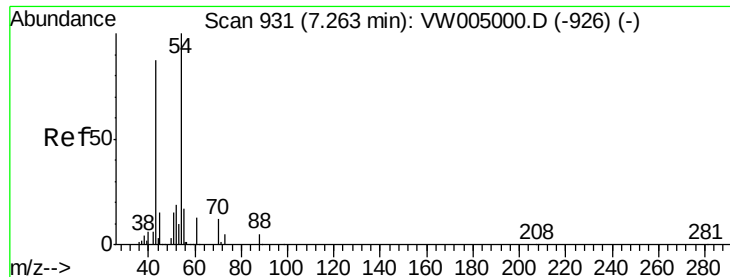
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#36
 1,1-Dichloropropene
 Concen: 53.21 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	349541		
110	36.5	18.7	56.1	
77	30.4	24.9	37.3	





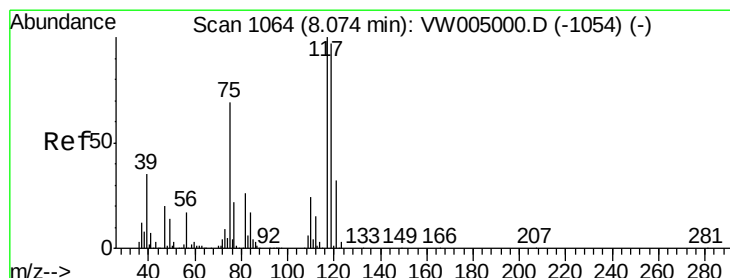
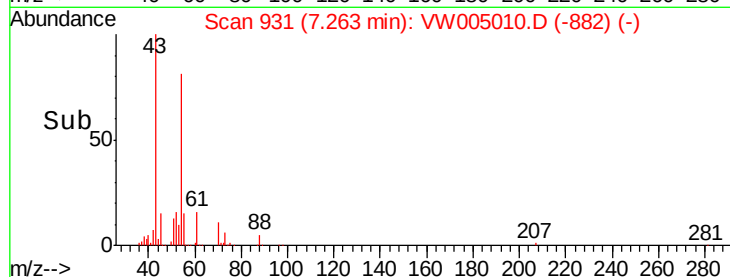
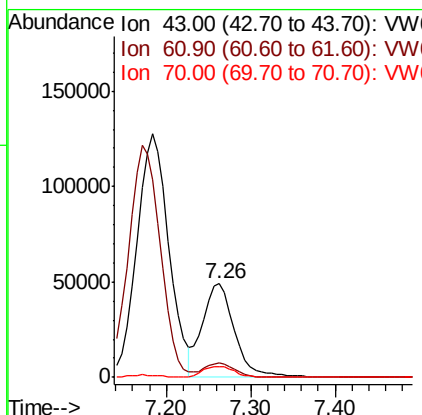
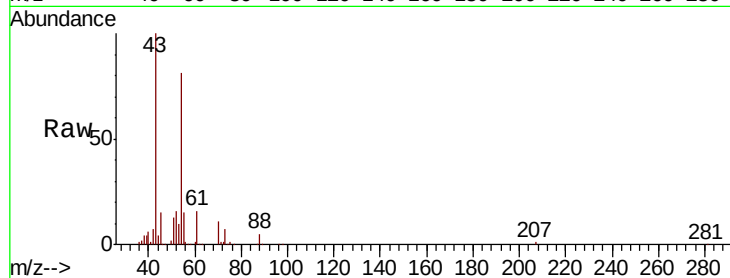
#37
Ethyl Acetate
Concen: 54.64 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.3	18.5
70	11.7	9.7	14.5

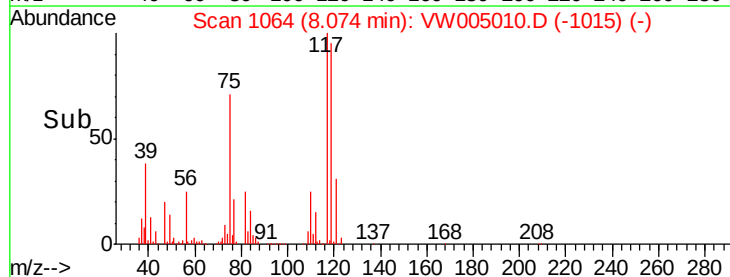
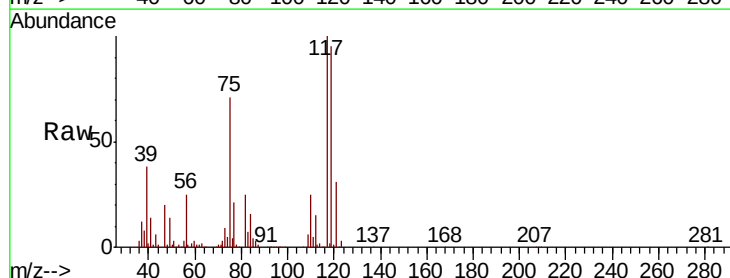
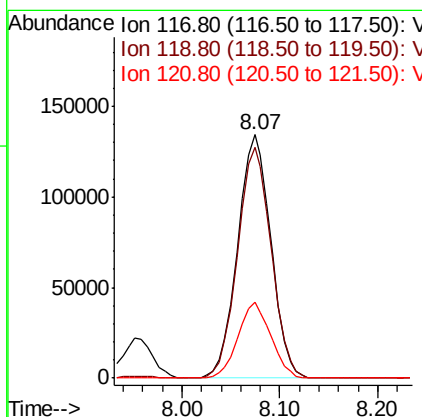
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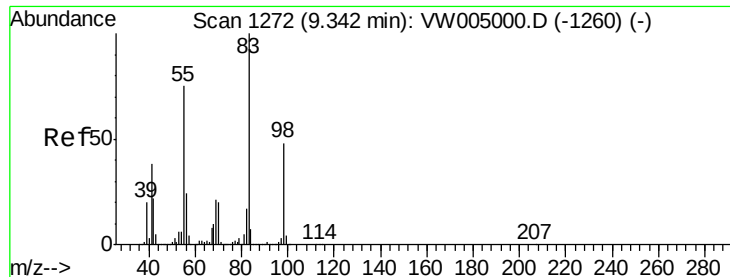
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#38
Carbon Tetrachloride
Concen: 49.84 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.8	116.8
121	31.1	25.2	37.8





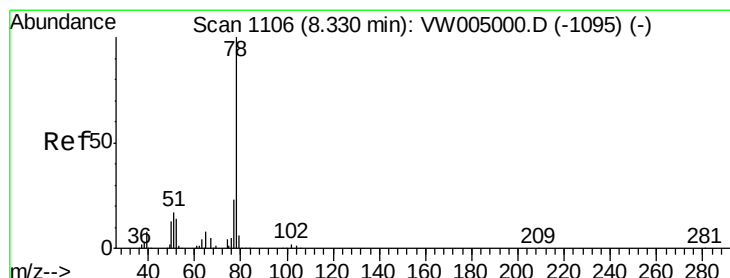
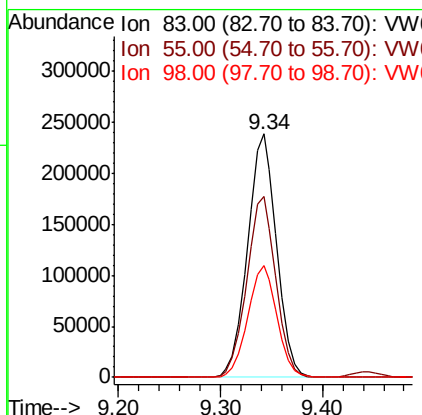
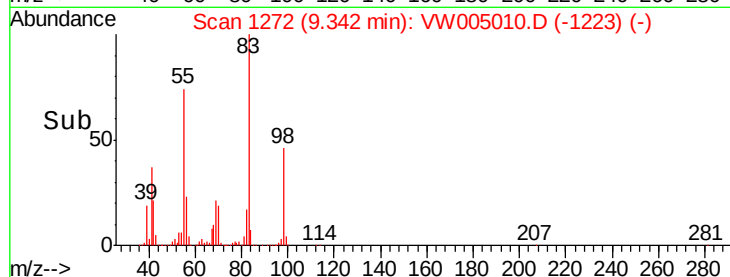
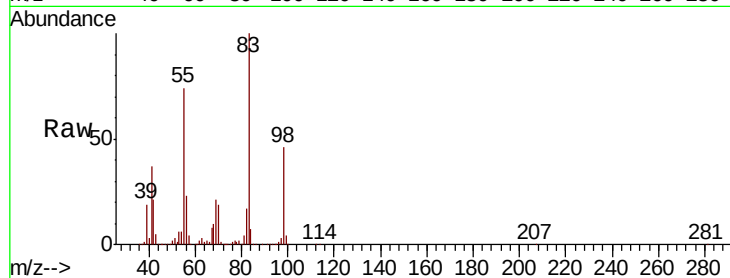
#39
Methylvlcyclohexane
Concen: 52.17 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.2	90.2
98	45.7	38.6	57.8

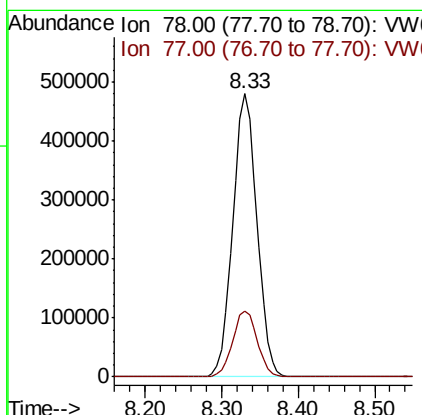
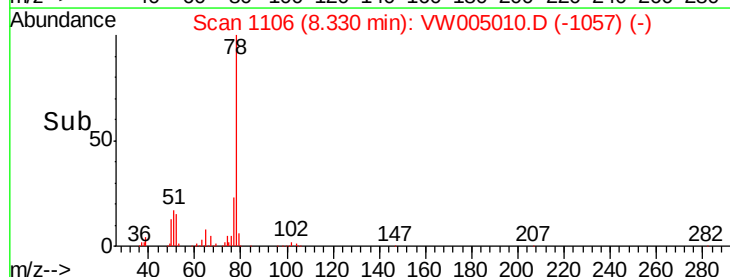
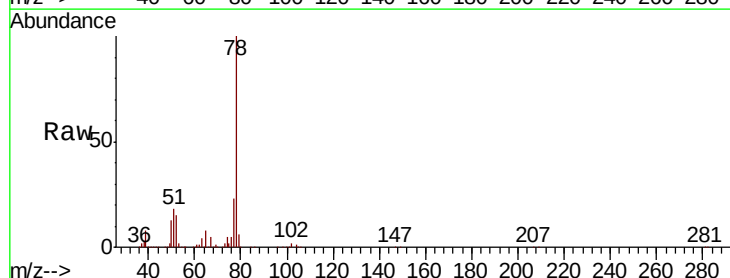
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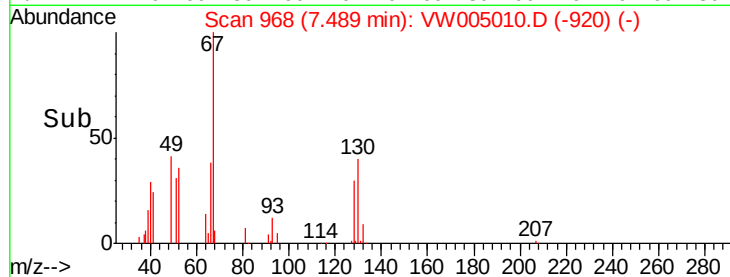
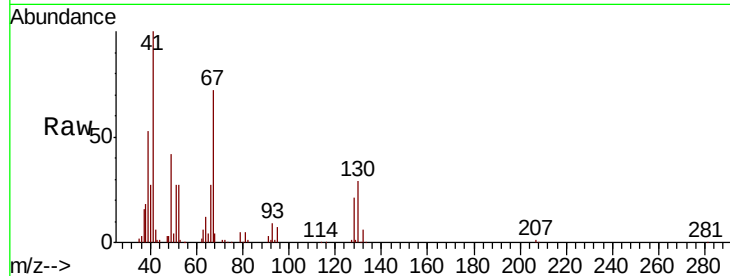
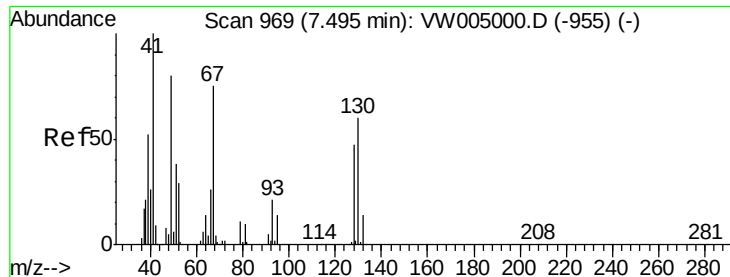
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#40
Benzene
Concen: 49.77 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0





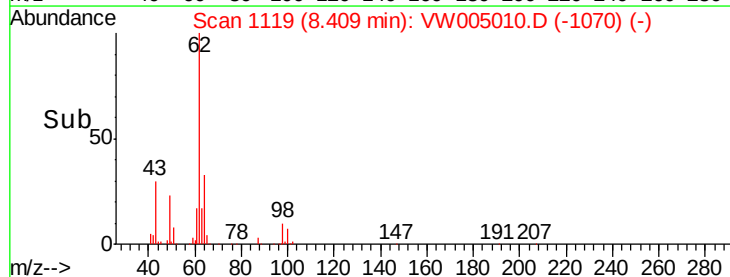
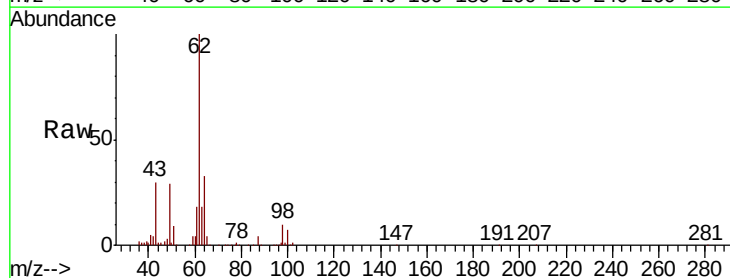
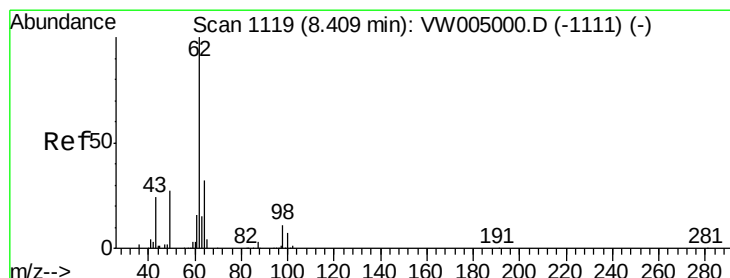
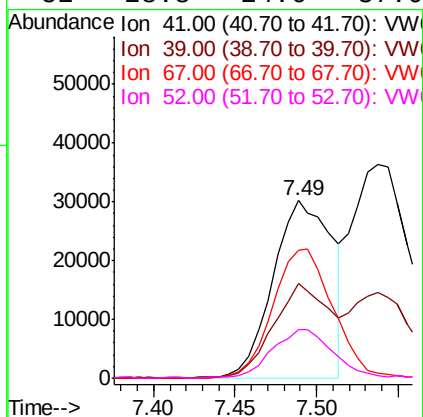
#41
Methacrylonitrile
Concen: 55.25 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tot Ion	41	Resp	76239
Ion	Ratio	Lower	Upper
41	100		
39	50.8	42.0	63.0
67	74.0	63.4	95.2
52	28.8	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

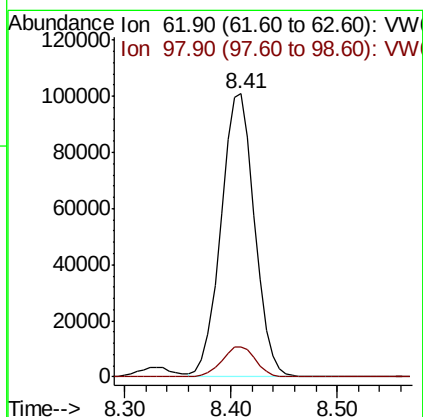
Manual Integrations
APPROVED

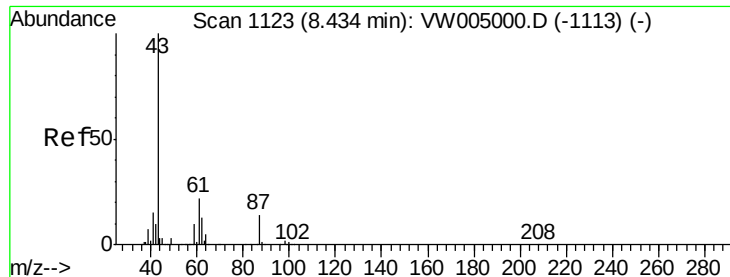
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#42
1,2-Dichloroethane
Concen: 47.53 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	62	Resp	222402
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8





#43

Isopropyl Acetate

Concen: 51.58 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

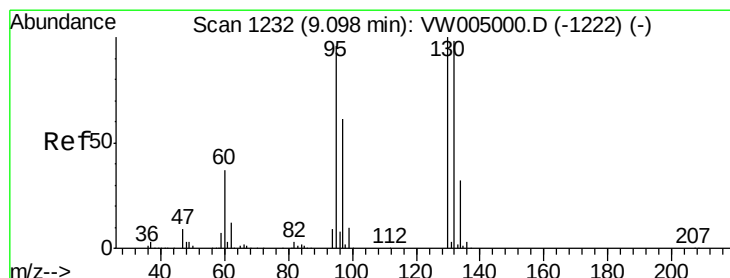
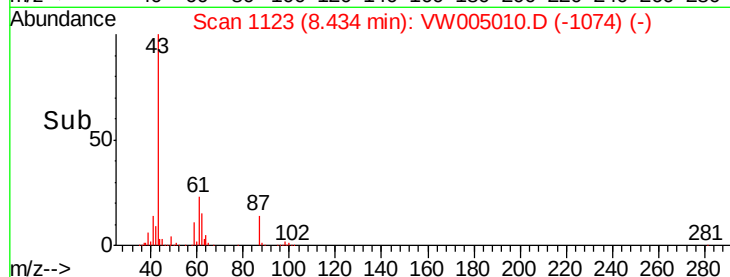
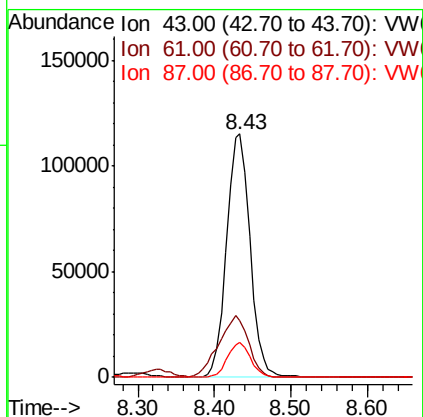
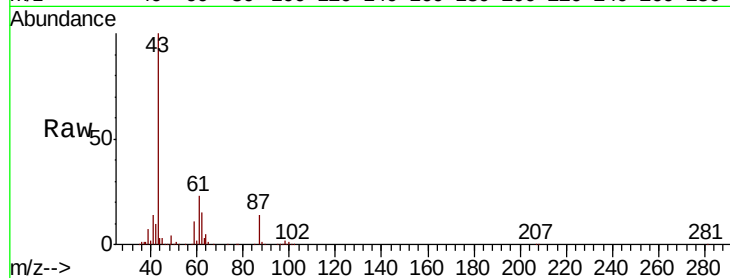
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	243033
Ion	Ratio	Lower	Upper
43	100		
61	32.3	26.2	39.4
87	14.0	11.8	17.6

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#44

Trichloroethene

Concen: 49.60 ug/l

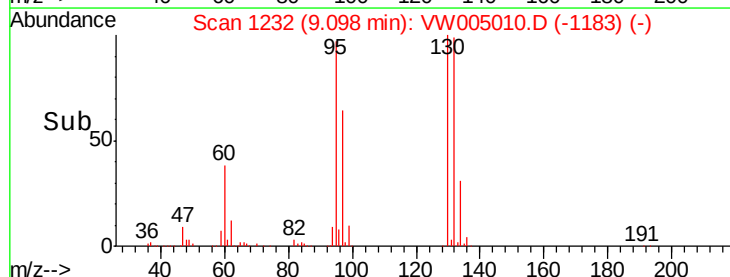
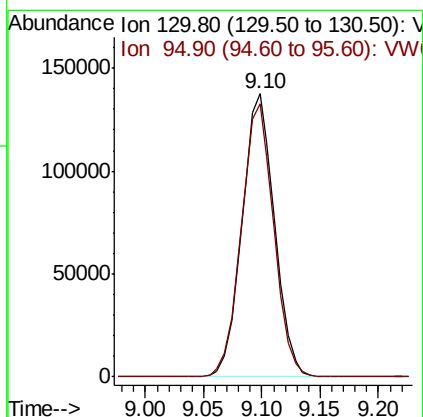
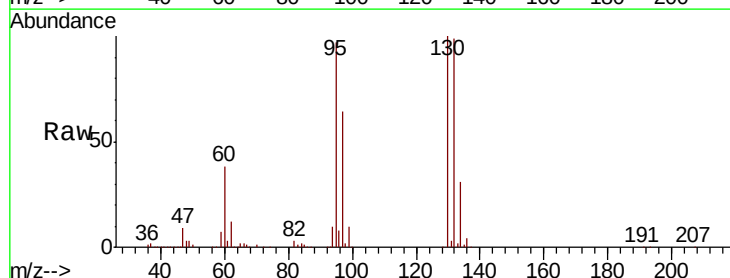
RT: 9.10 min Scan# 1232

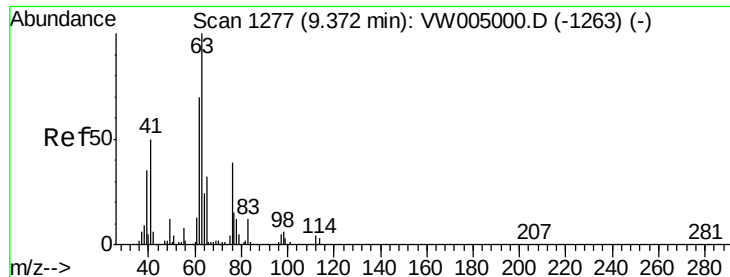
Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tgt Ion:	130	Resp:	266365
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	192.2





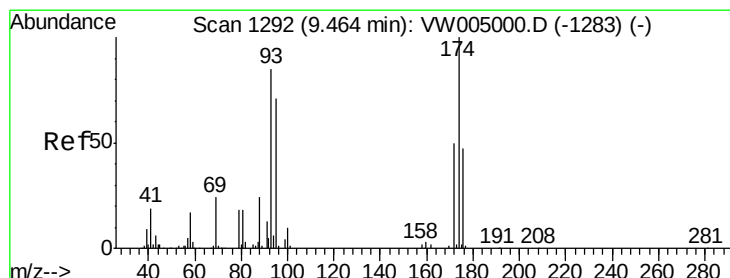
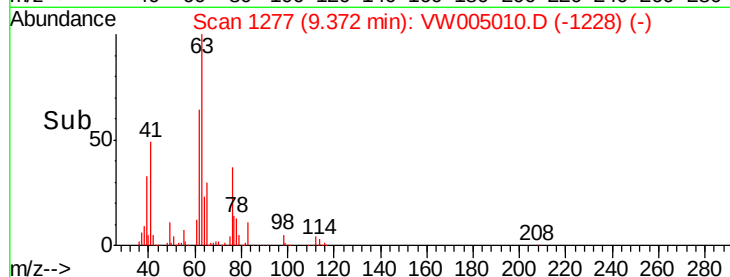
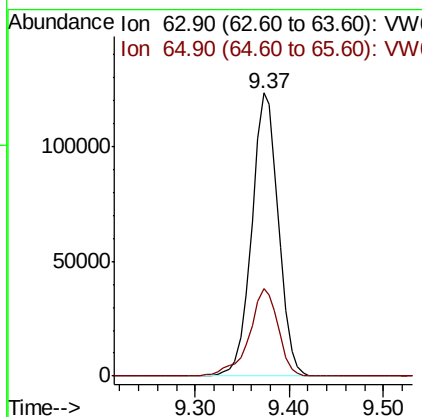
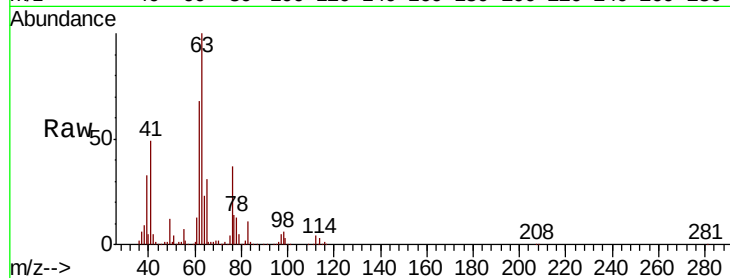
#45
 1,2-Dichloropropane
 Concen: 51.00 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.3	37.9

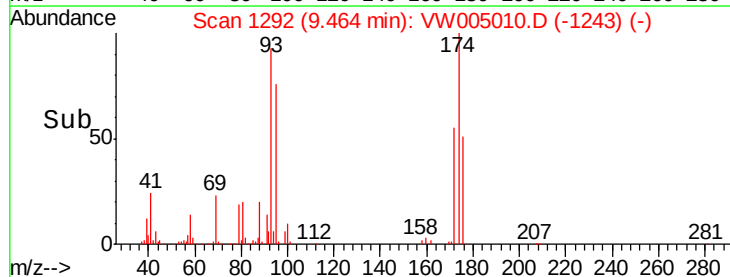
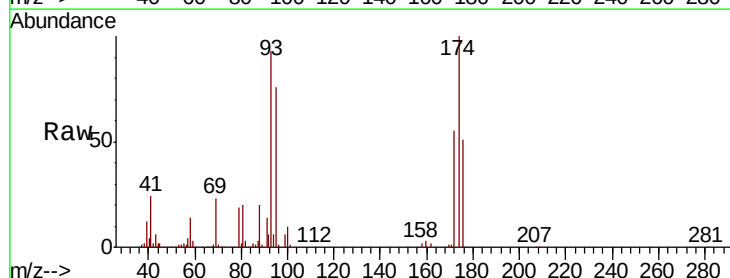
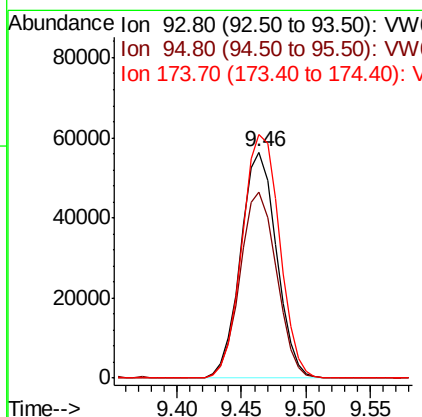
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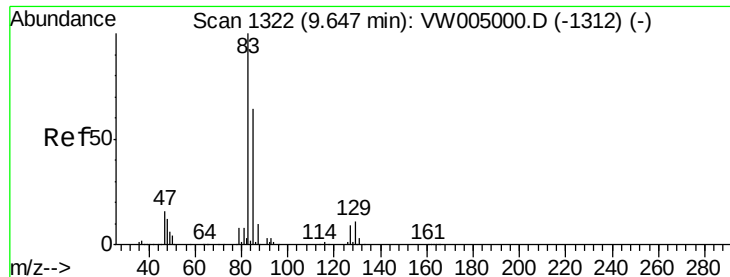
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#46
 Dibromomethane
 Concen: 47.91 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	68.0	102.0
174	112.2	91.4	137.0





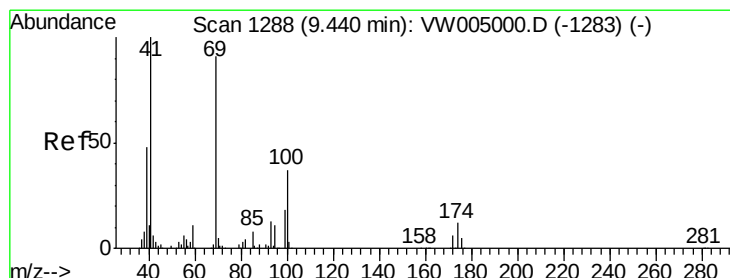
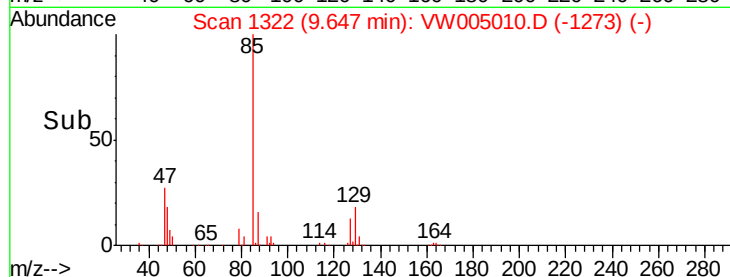
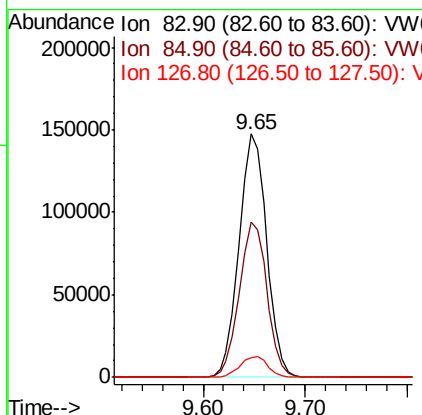
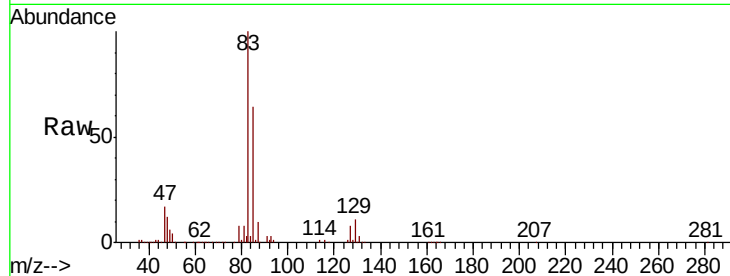
#47
 Bromodichloromethane
 Concen: 49.29 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	277340
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	51.3	76.9
127	8.1	7.2	10.8

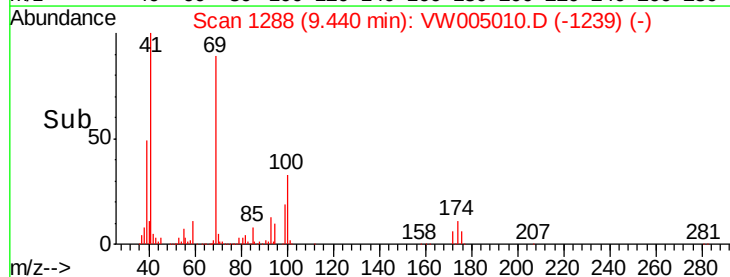
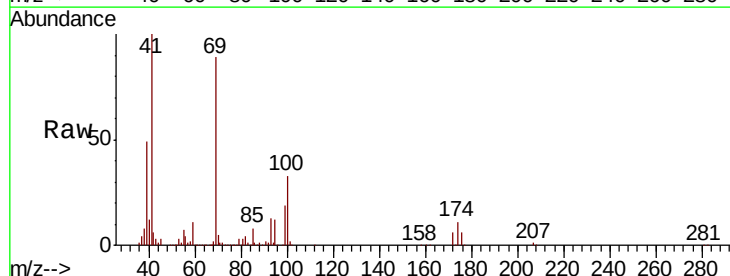
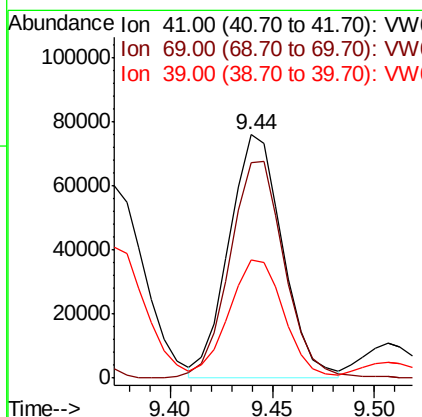
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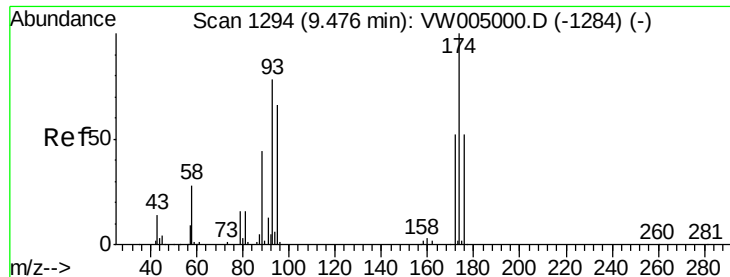
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#48
 Methyl methacrylate
 Concen: 49.84 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	41	Resp	138543
Ion Ratio	100	Lower	Upper
41	100		
69	90.9	72.5	108.7
39	46.7	37.0	55.6





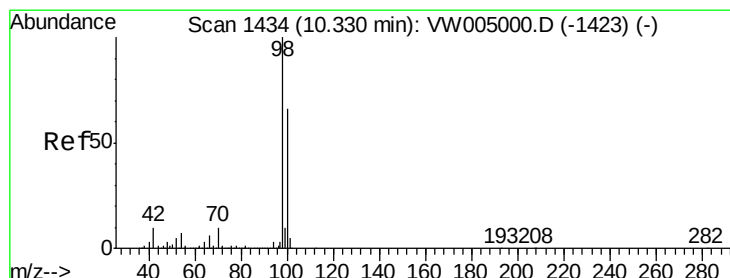
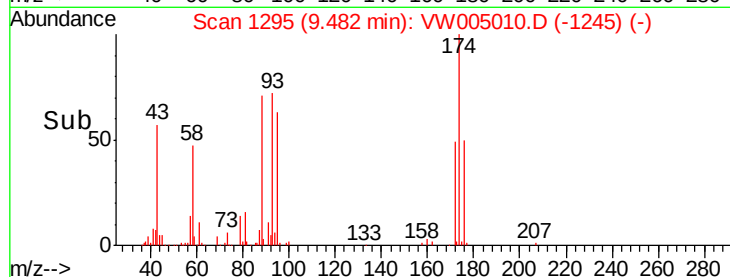
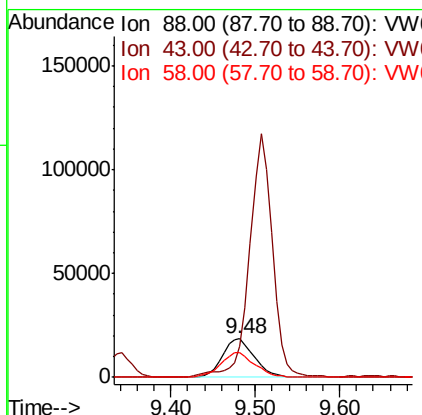
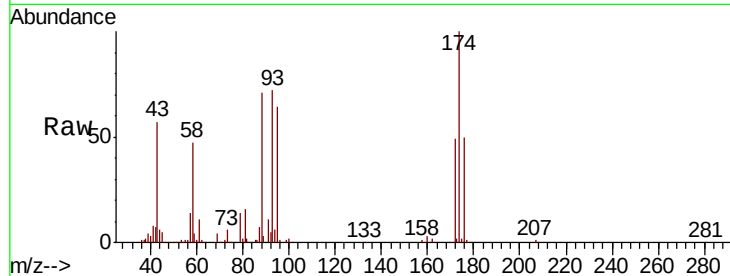
#49
1,4-Dioxane
Concen: 1014.57 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	47940
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.6	57.0	85.4

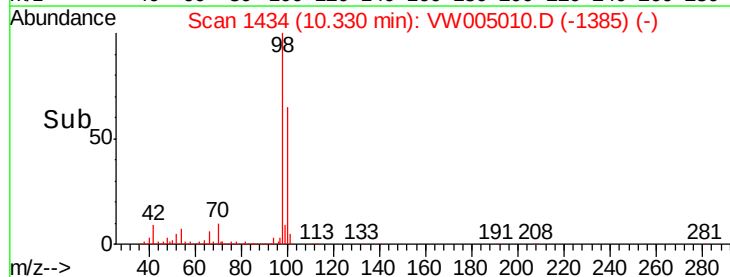
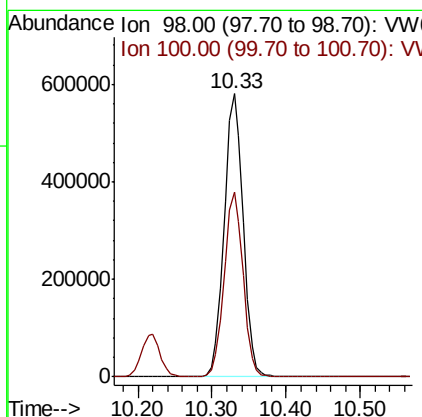
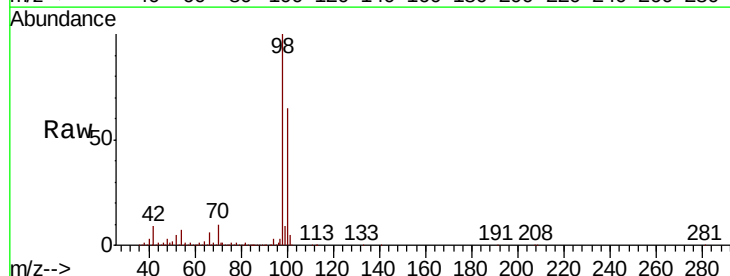
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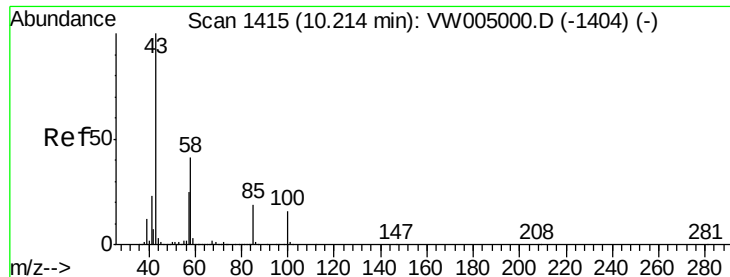
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#50
Toluene-d8
Concen: 48.83 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	98	Resp	1029960
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 256.94 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 906659

Ion Ratio Lower Upper

43 100

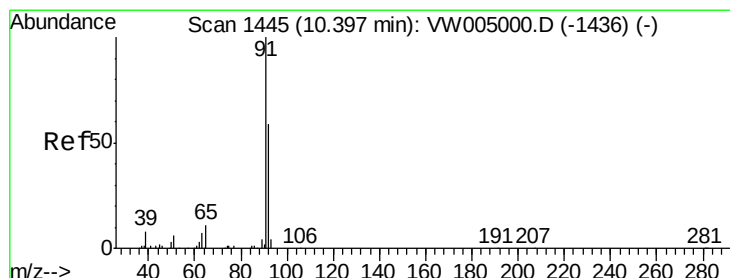
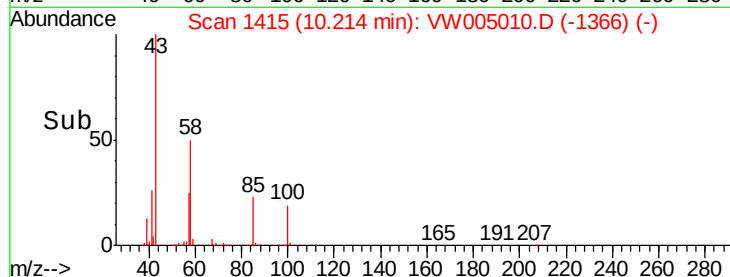
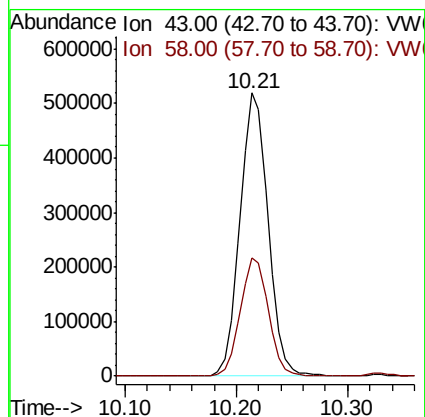
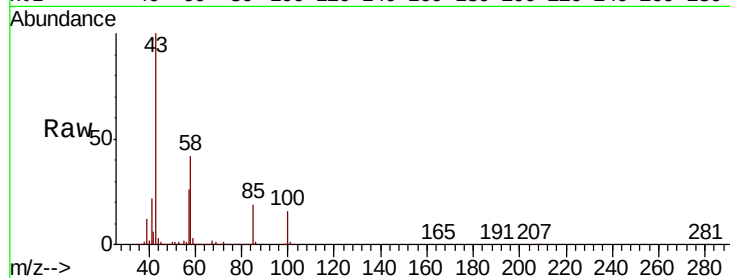
58 41.9 33.5 50.3

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#52

Toluene

Concen: 47.74 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005010.D

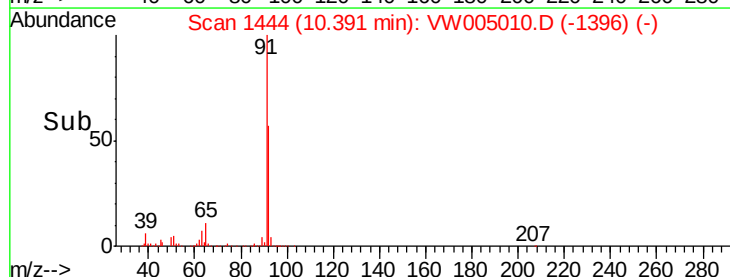
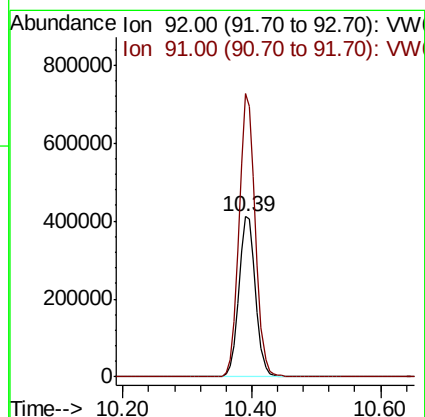
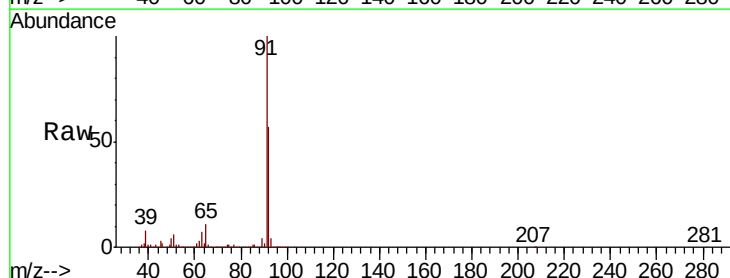
Acq: 30 Aug 2018 11:23

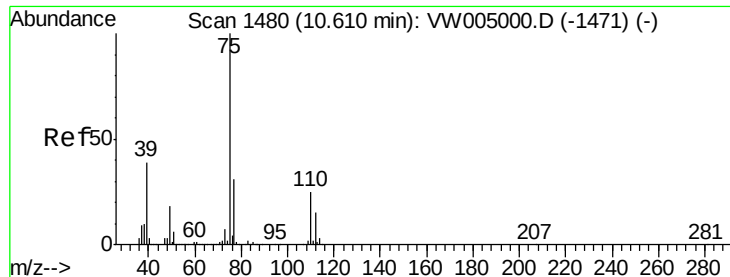
Tgt Ion: 92 Resp: 744792

Ion Ratio Lower Upper

92 100

91 172.2 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 48.35 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 290510

Ion Ratio Lower Upper

75 100

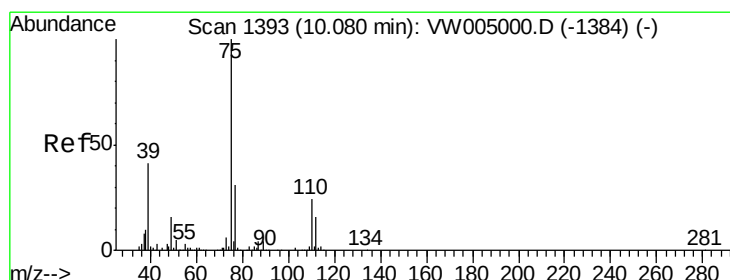
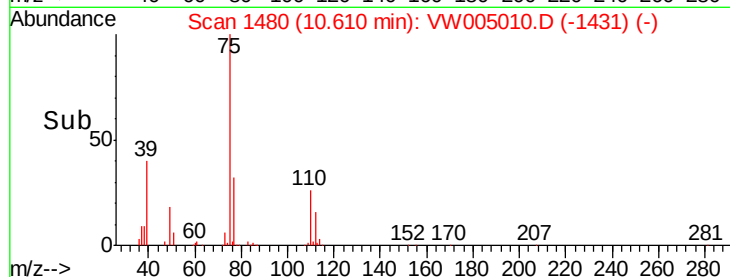
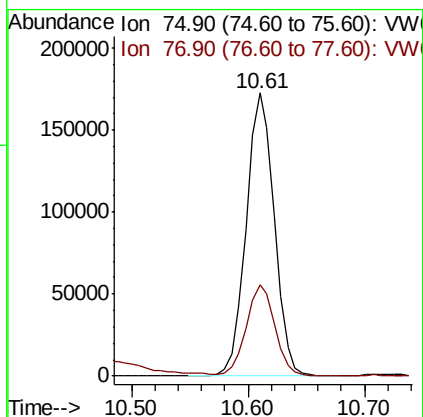
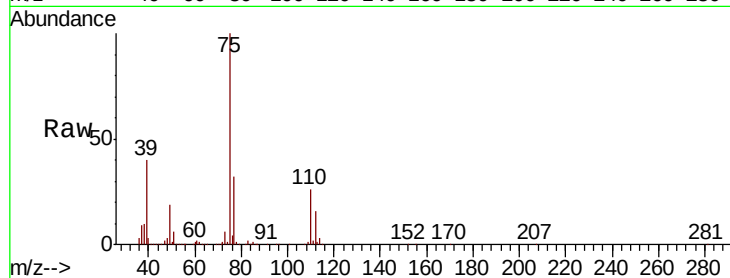
77 31.8 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 48.51 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

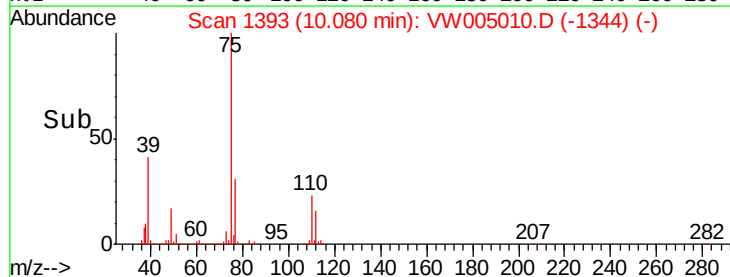
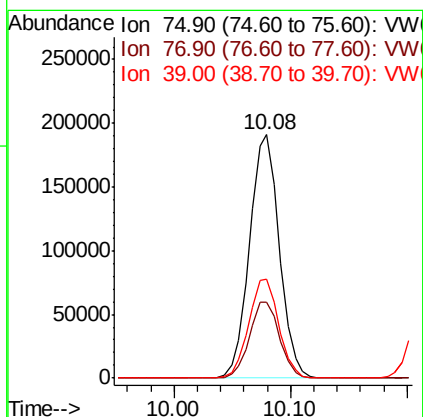
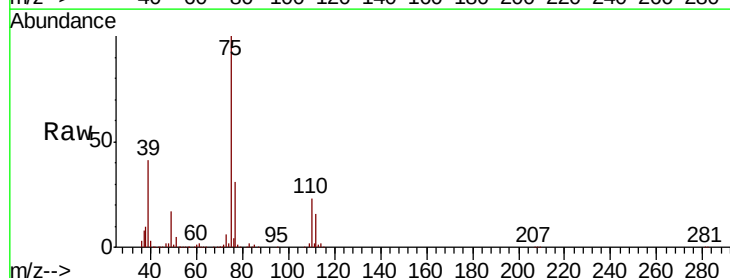
Tgt Ion: 75 Resp: 339884

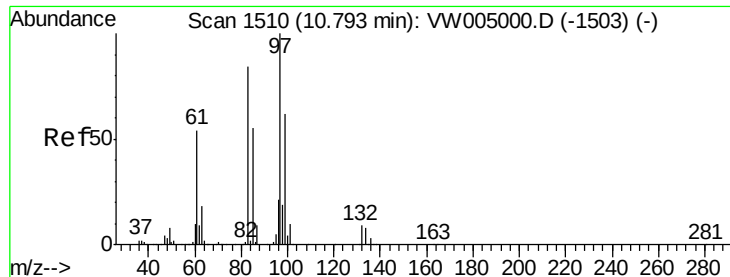
Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

39 40.6 32.9 49.3





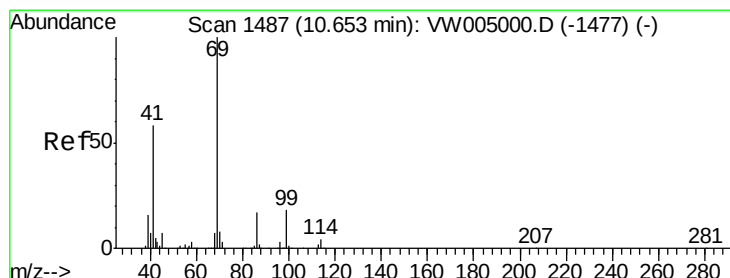
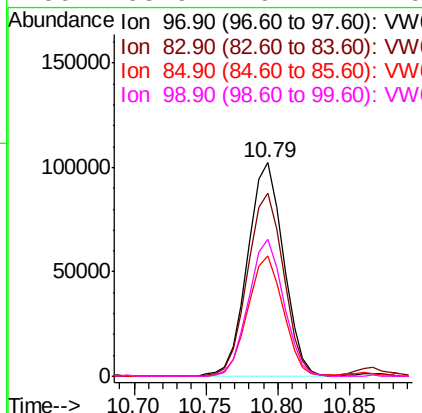
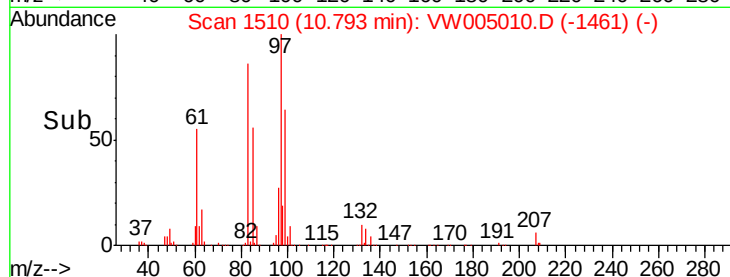
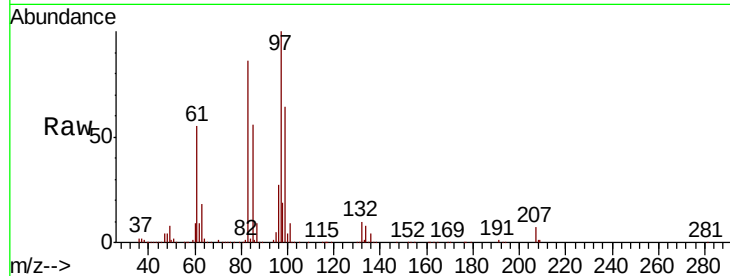
#55
 1,1,2-Trichloroethane
 Concen: 47.35 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	176472
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.3	100.9
85	56.3	44.3	66.5
99	63.9	49.4	74.0

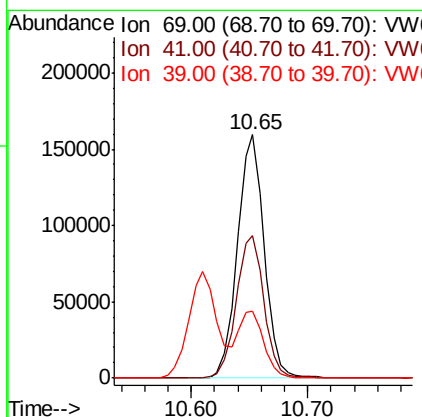
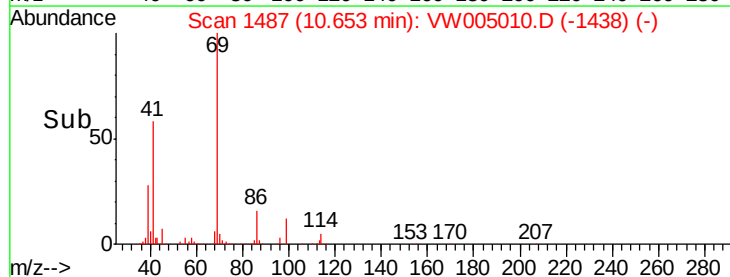
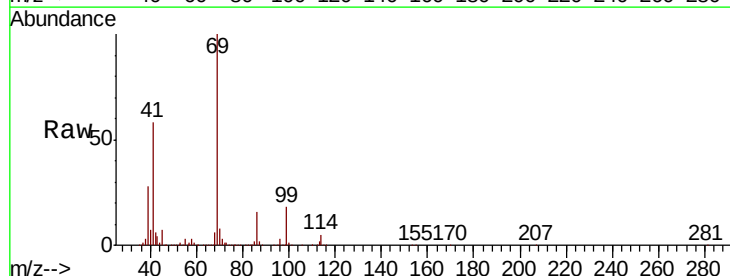
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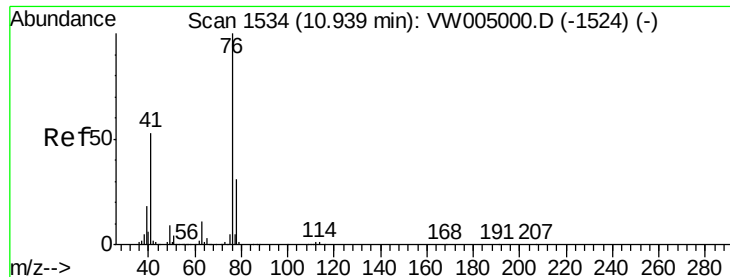
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#56
 Ethyl methacrylate
 Concen: 52.32 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion:	69	Resp:	255781
Ion	Ratio	Lower	Upper
69	100		
41	60.8	47.7	71.5
39	25.7	21.0	31.6





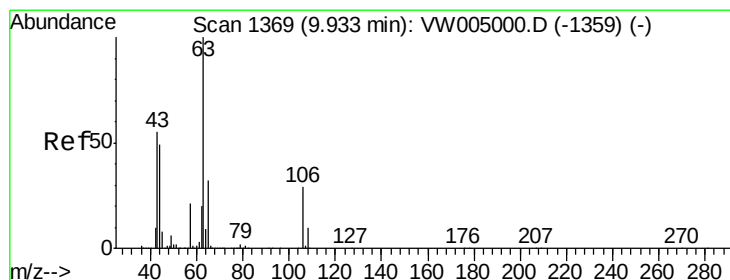
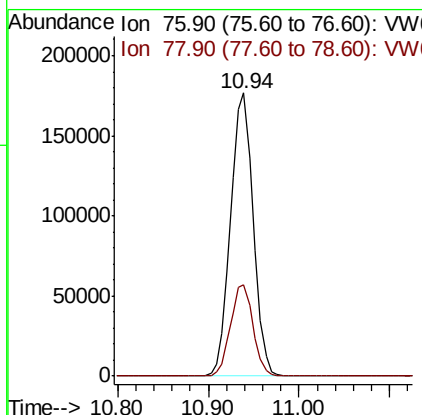
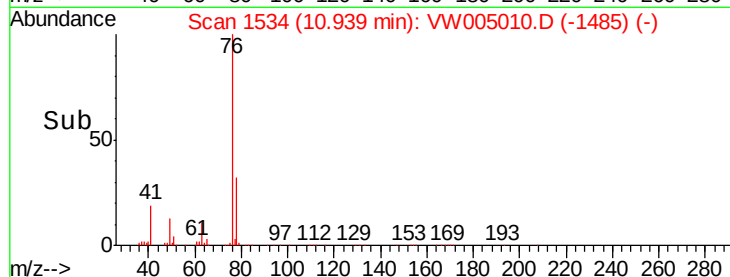
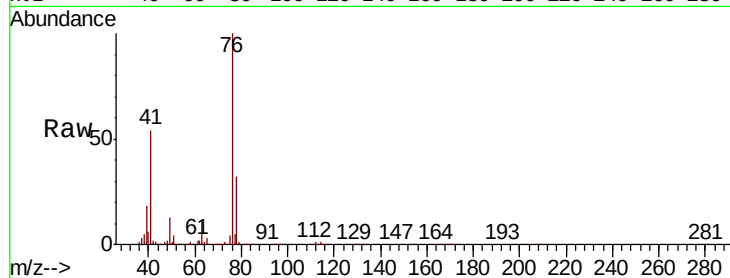
#57
 1,3-Dichloropropane
 Concen: 49.88 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

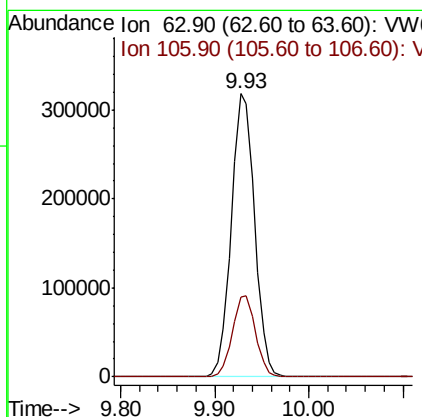
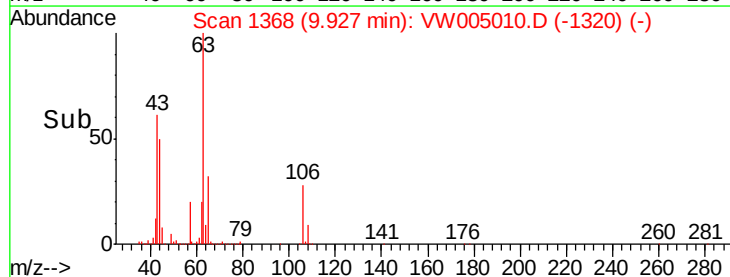
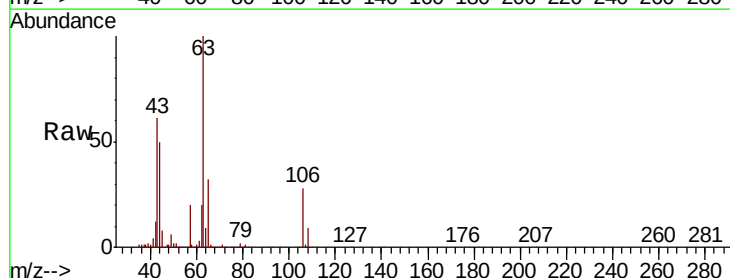
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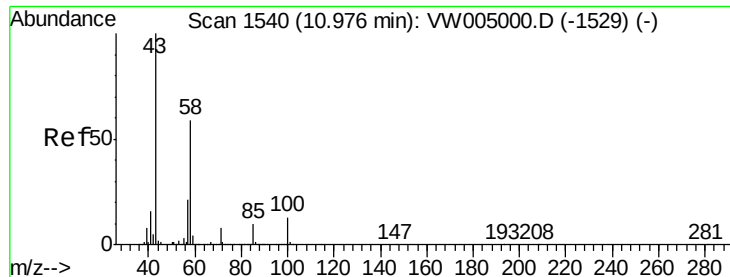
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#58
 2-Chloroethyl Vinyl ether
 Concen: 259.14 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.2	34.8





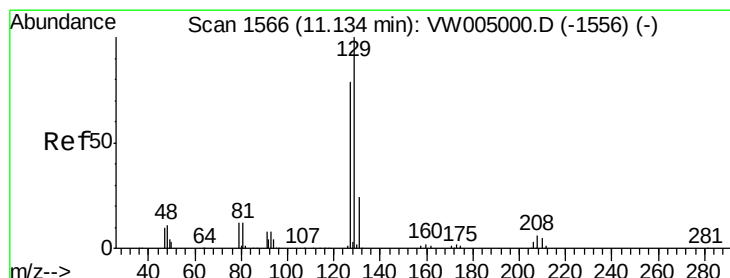
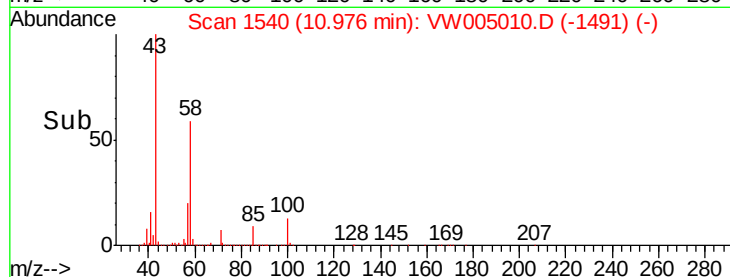
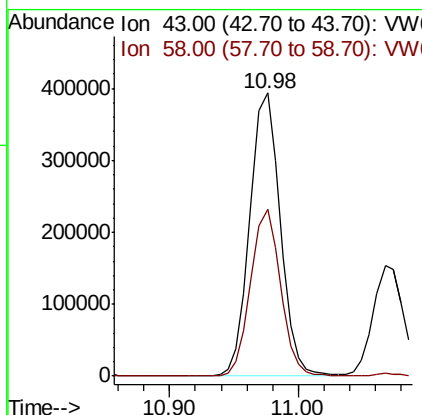
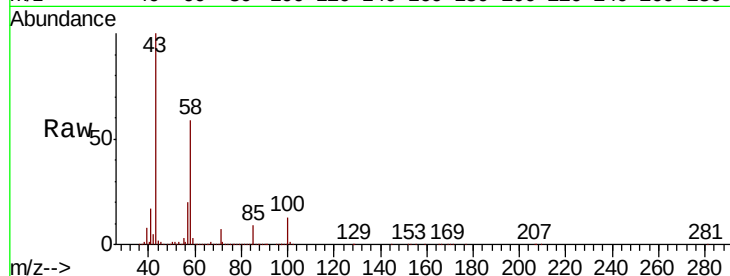
#59
2-Hexanone
Concen: 251.17 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 641715
Ion Ratio Lower Upper
43 100
58 58.0 29.2 87.6

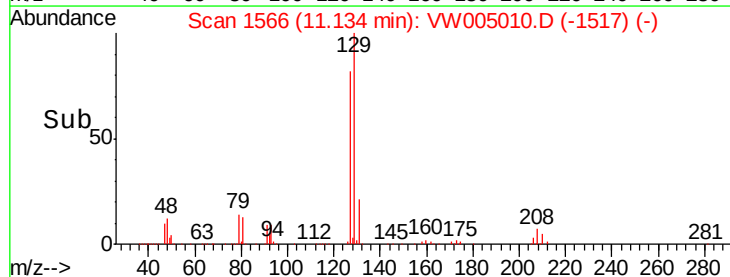
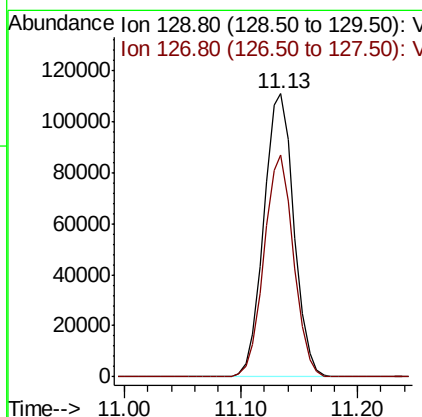
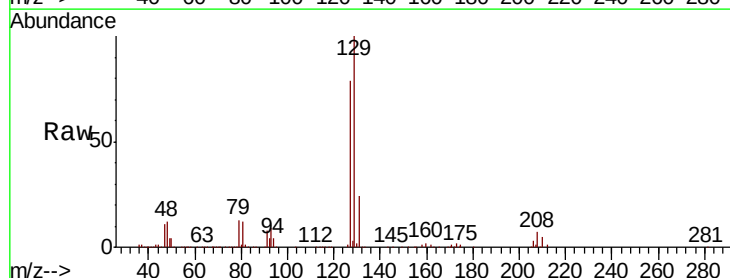
Manual Integrations
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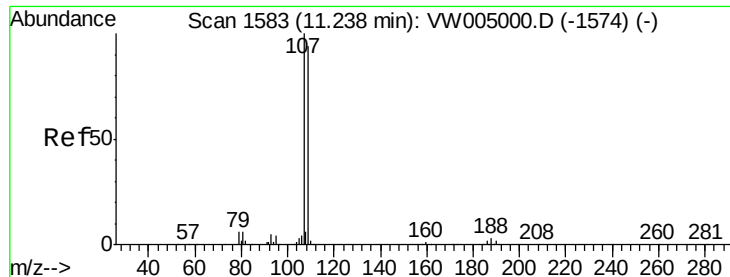
apatel
8/31/2018 11:39:09 AM



#60
Dibromochloromethane
Concen: 48.70 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion: 129 Resp: 199190
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 49.74 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 107 Resp: 173809

Ion Ratio Lower Upper

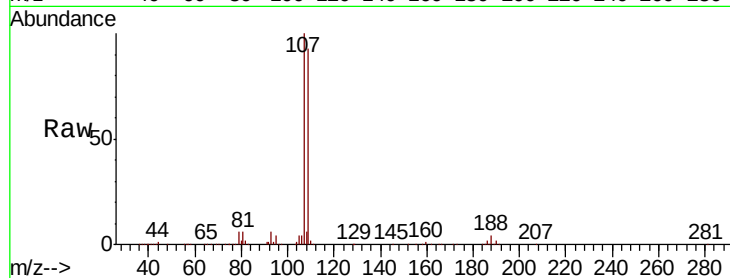
107 100

109 93.7 75.2 112.8

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

100000

80000

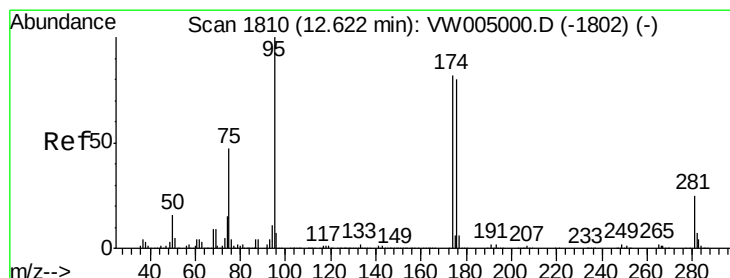
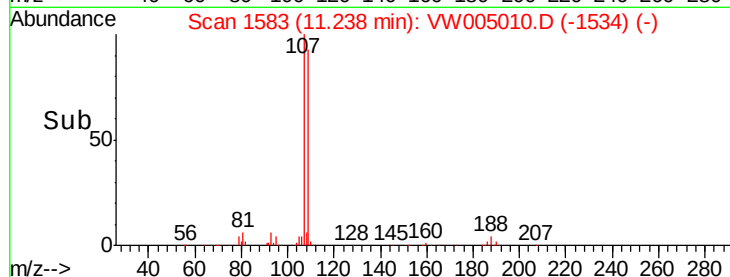
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.58 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

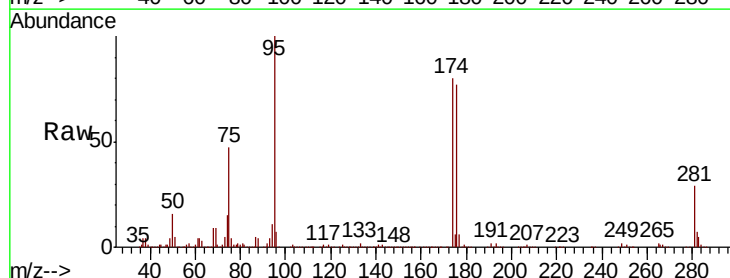
Tgt Ion: 95 Resp: 365864

Ion Ratio Lower Upper

95 100

174 84.9 0.0 173.4

176 81.6 0.0 167.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

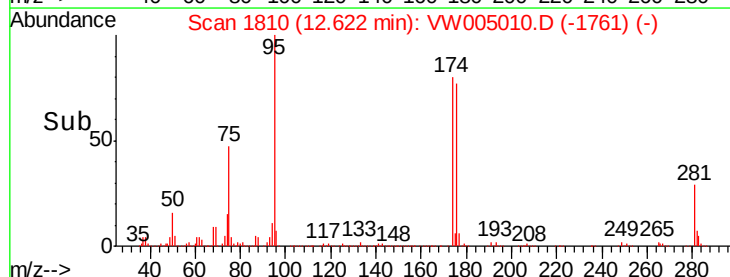
150000

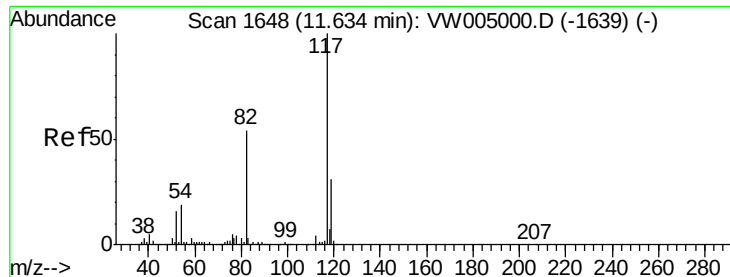
100000

50000

0

Time-->





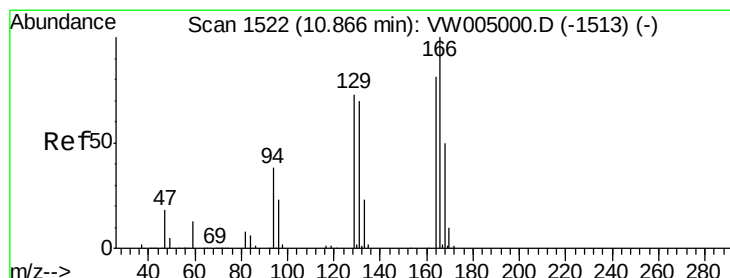
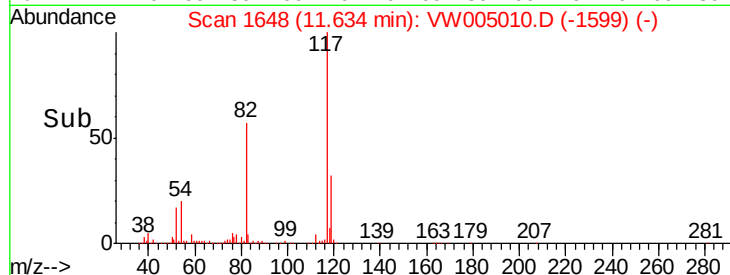
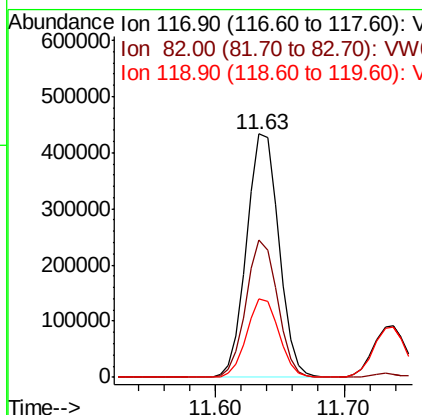
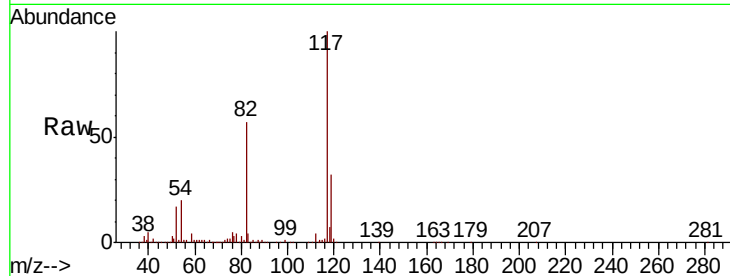
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	748448		
82	56.6	43.3	64.9	
119	32.4	25.0	37.6	

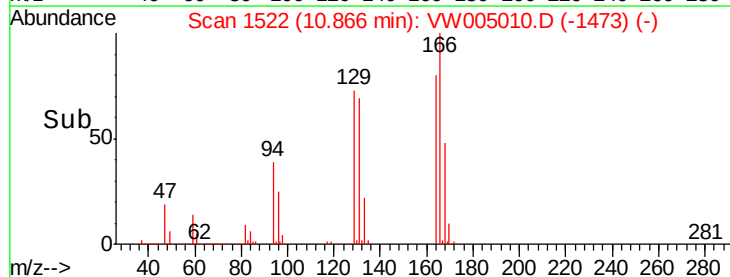
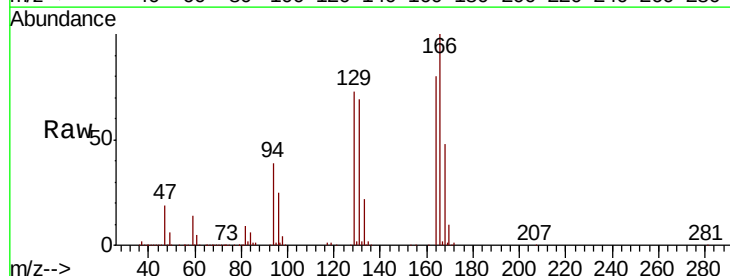
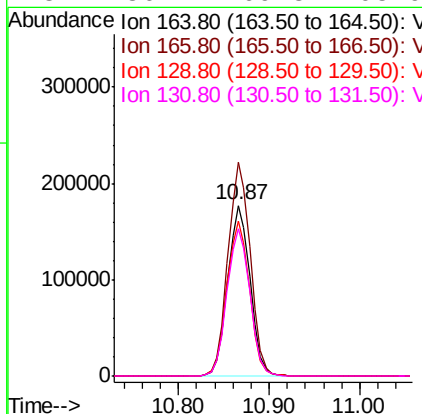
Manual Integrations
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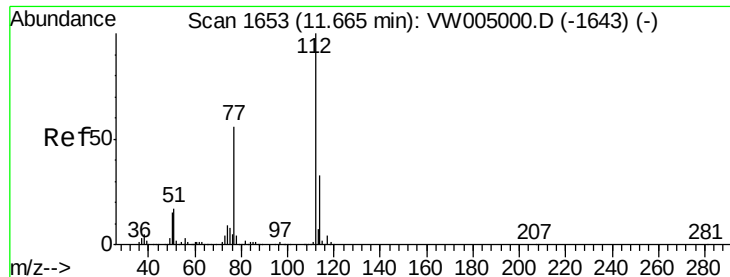
apatel
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#64
Tetrachloroethene
Concen: 55.52 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	302967		
166	125.1	99.4	149.0	
129	91.0	72.2	108.2	
131	86.4	69.3	103.9	





#65

Chlorobenzene

Concen: 49.21 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 809161

Ion Ratio Lower Upper

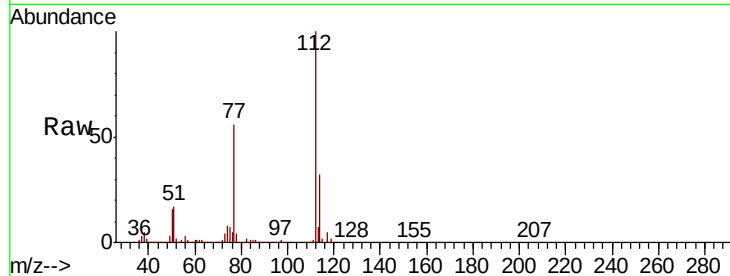
112 100

114 32.2 26.1 39.1

Manual Integrations
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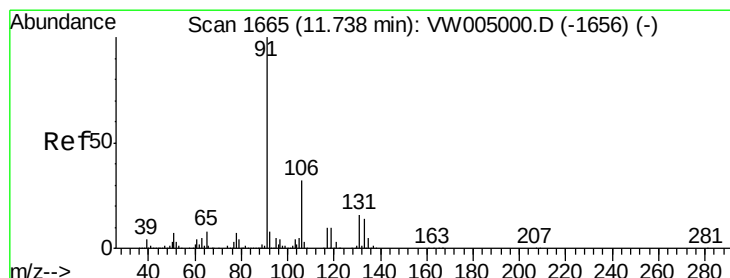
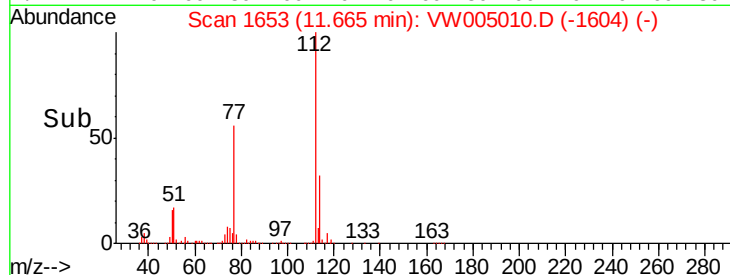
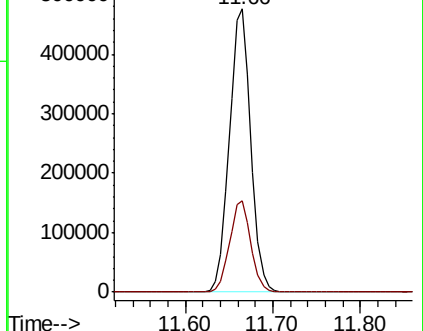
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.73 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

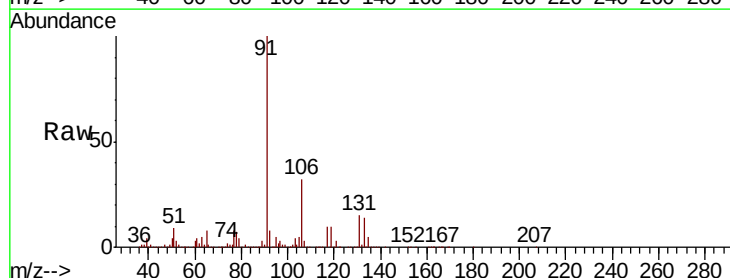
Tgt Ion:131 Resp: 229103

Ion Ratio Lower Upper

131 100

133 96.8 47.4 142.3

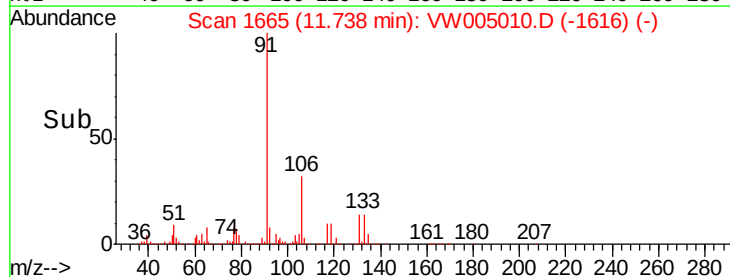
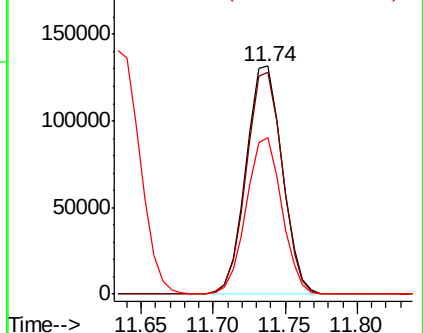
119 67.5 33.1 99.3

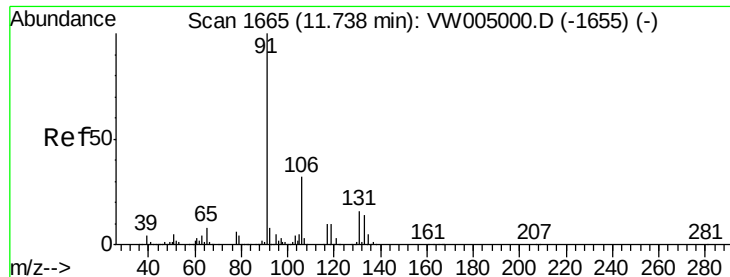


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





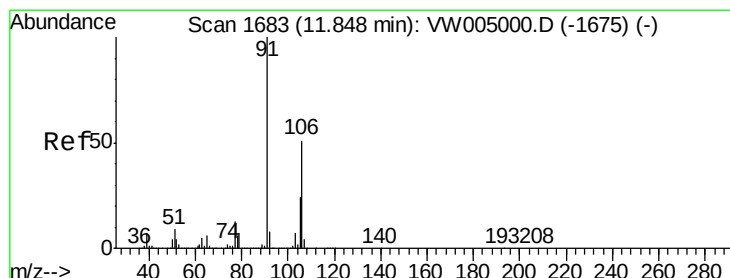
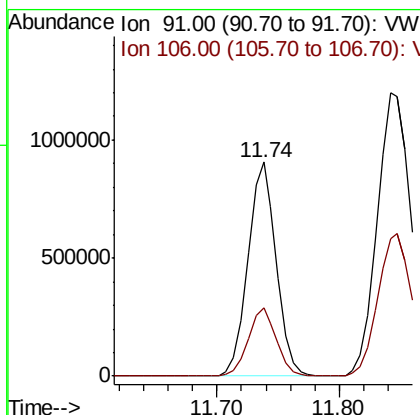
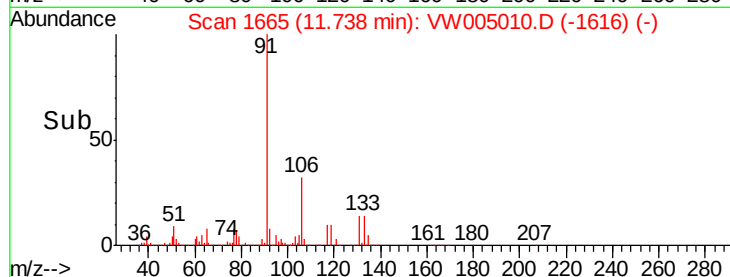
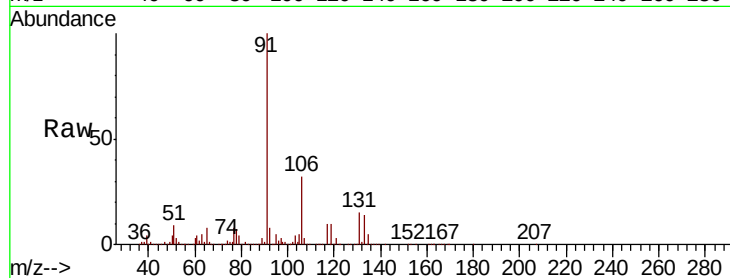
#67
Ethyl Benzene
Concen: 51.46 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1448848
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2

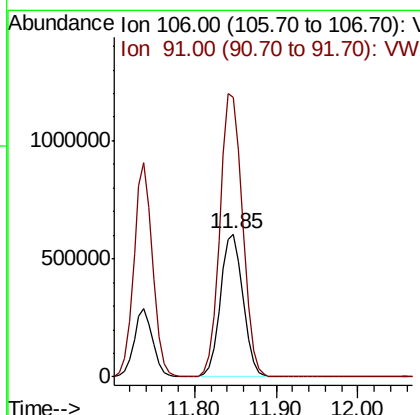
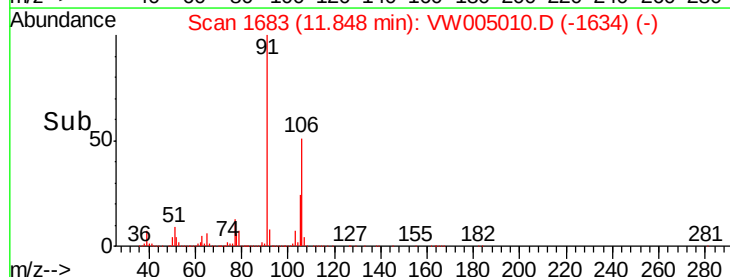
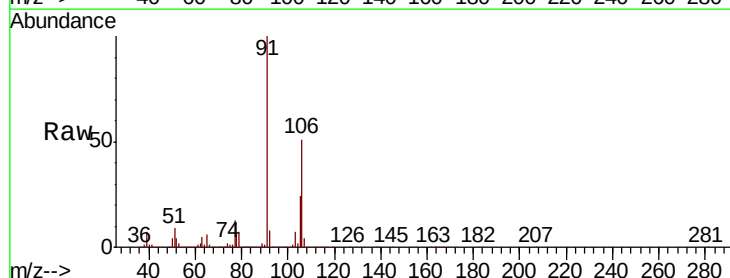
Manual Integrations
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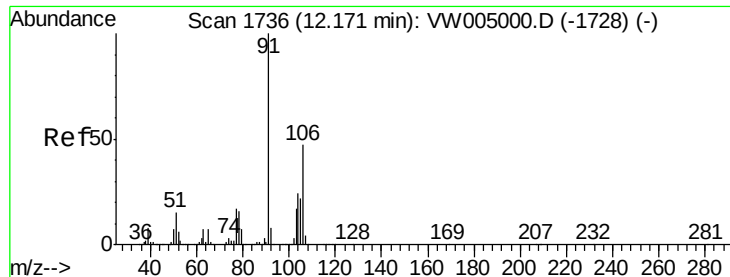
apatel
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#68
m/p-Xylenes
Concen: 100.64 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion:106 Resp: 1155756
Ion Ratio Lower Upper
106 100
91 199.7 158.4 237.6





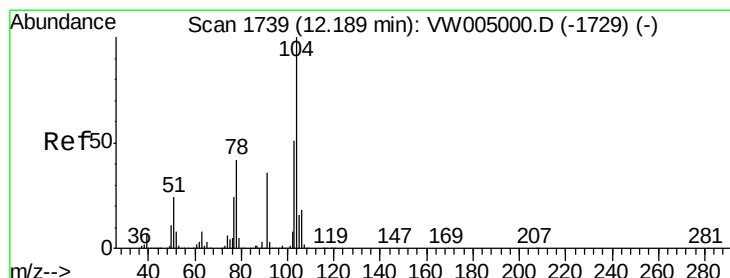
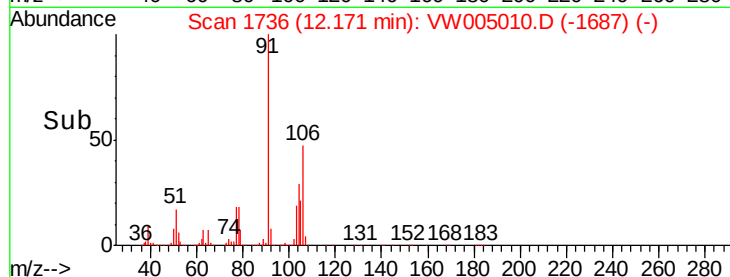
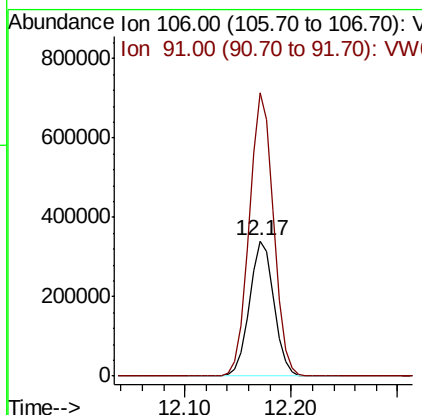
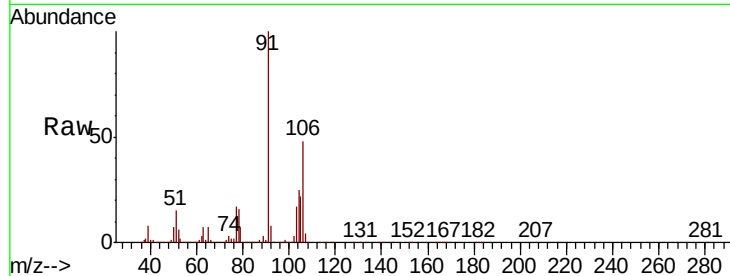
#69
o-Xylene
Concen: 52.12 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.5	104.4	313.1

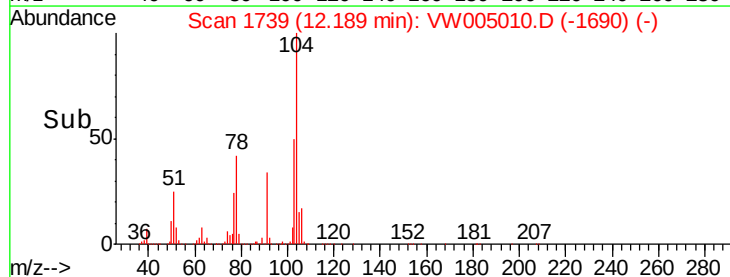
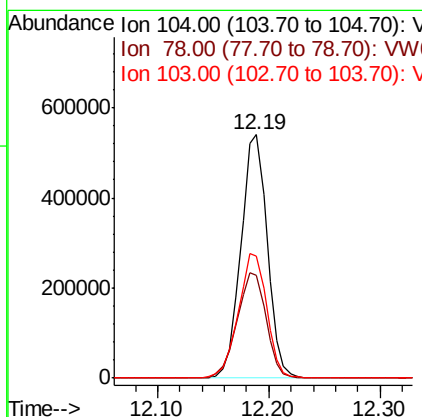
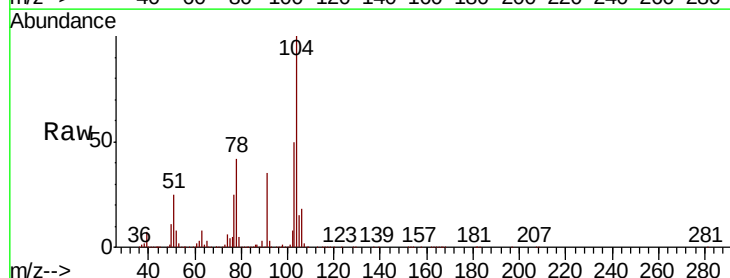
Manual Integrations
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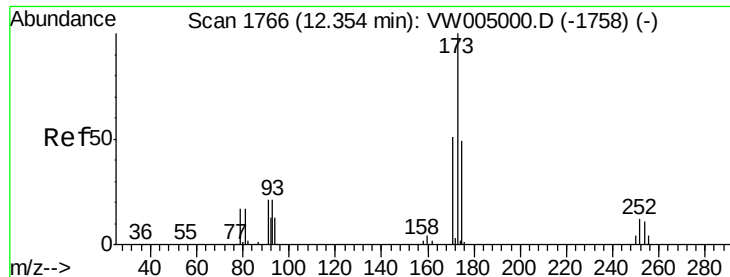
apatel
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#70
Styrene
Concen: 51.11 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.6	56.4
103	55.2	43.9	65.9





#71

Bromoform

Concen: 50.28 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

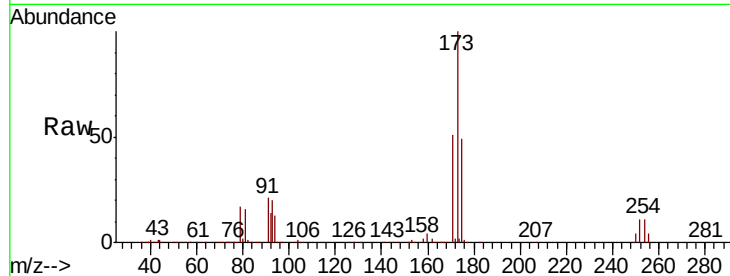
ClientSampleId :

VSTDCCC050

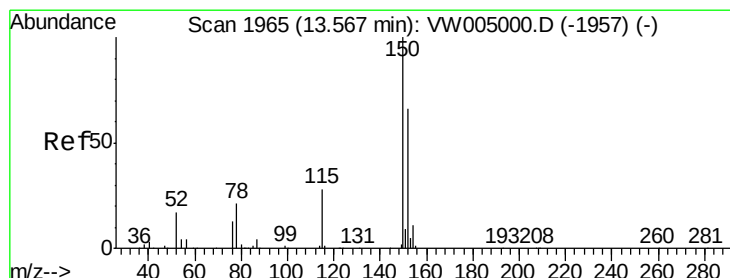
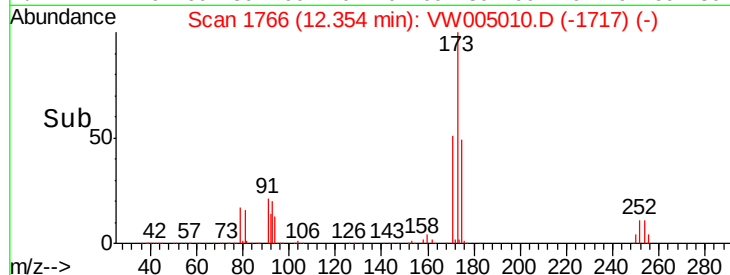
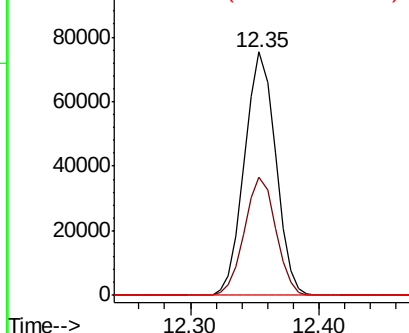
Tot Ion:	173	Resp:	126277
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.3	73.0
254	0.2	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

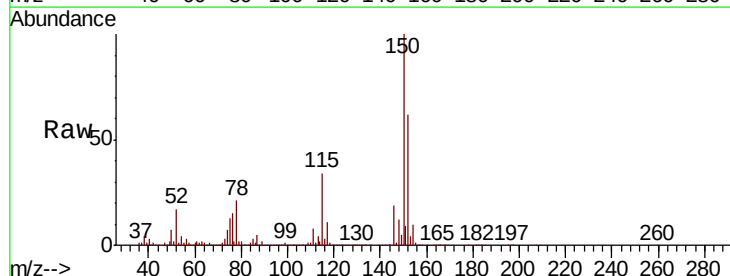
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

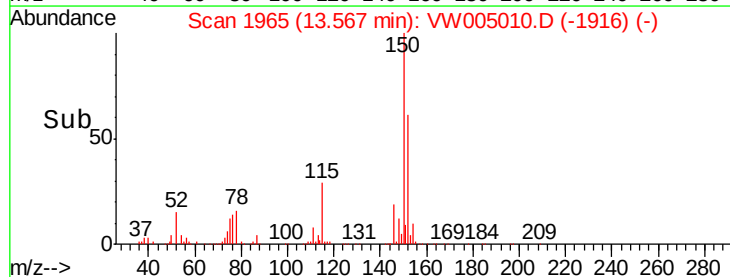
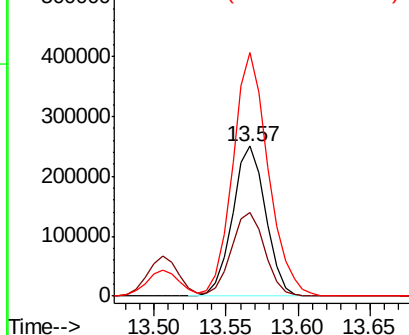
Lab File: VW005010.D

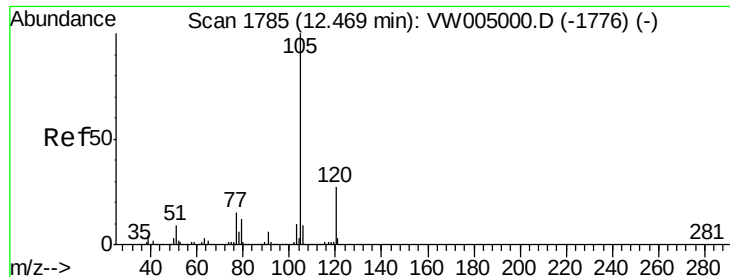
Acq: 30 Aug 2018 11:23

Tgt Ion:	152	Resp:	400855
Ion Ratio	Lower	Upper	
152	100		
115	56.4	28.0	83.9
150	173.6	0.0	347.2



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





#73

Isopropylbenzene

Concen: 54.86 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1465939

Ion Ratio Lower Upper

105 100

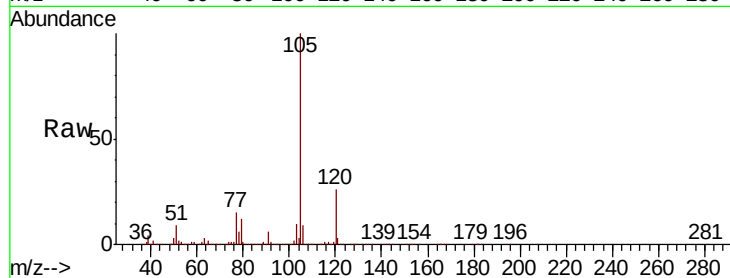
120 26.6 13.4 40.2

Manual Integrations

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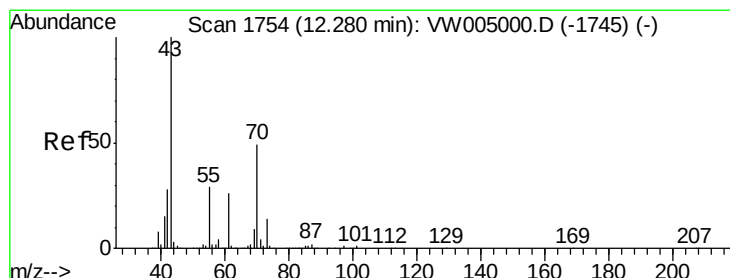
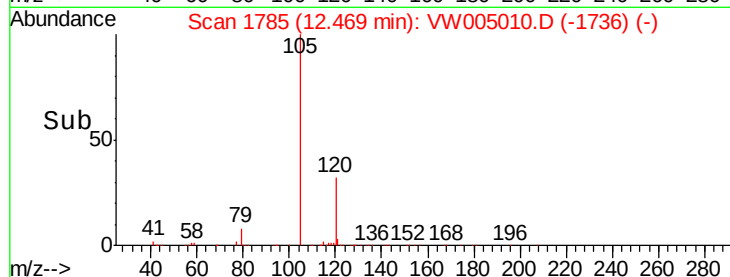
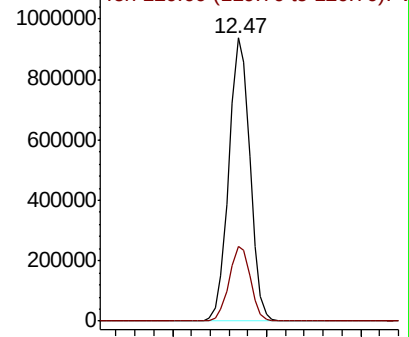
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.93 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tgt Ion: 43 Resp: 287105

Ion Ratio Lower Upper

43 100

70 46.3 38.6 57.8

55 27.6 23.6 35.4

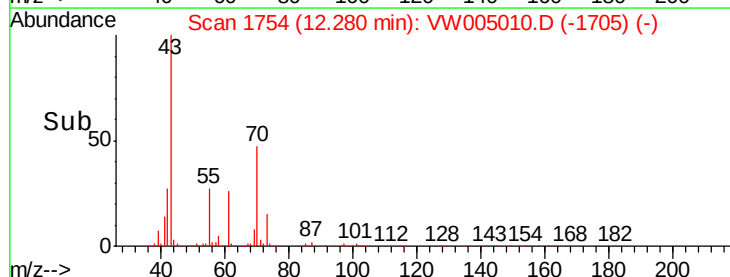
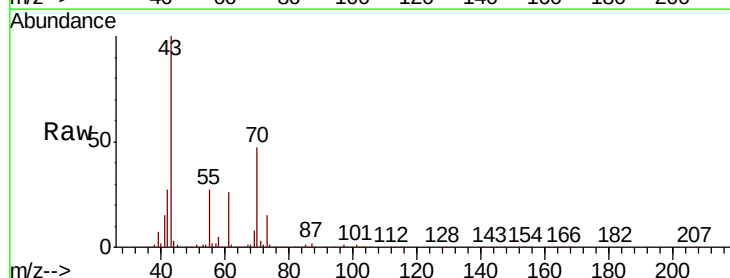
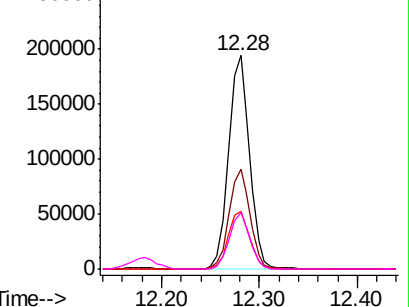
61 25.8 21.0 31.6

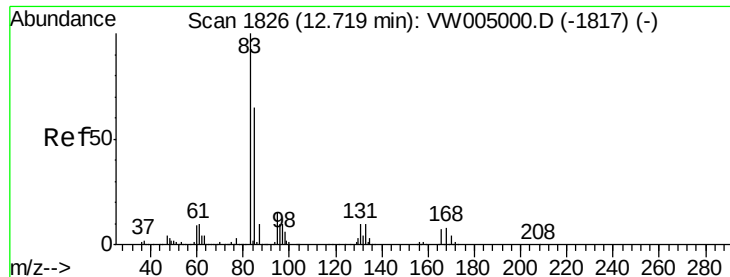
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.23 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

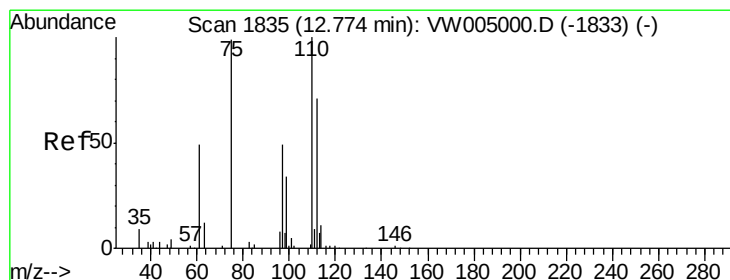
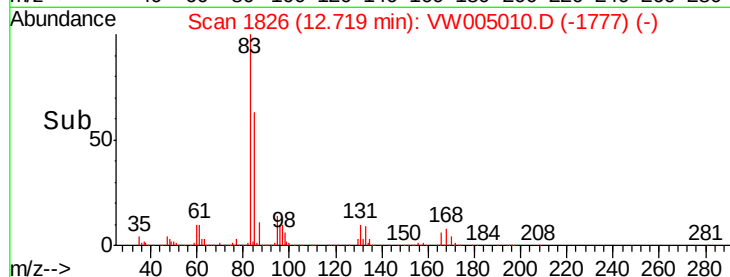
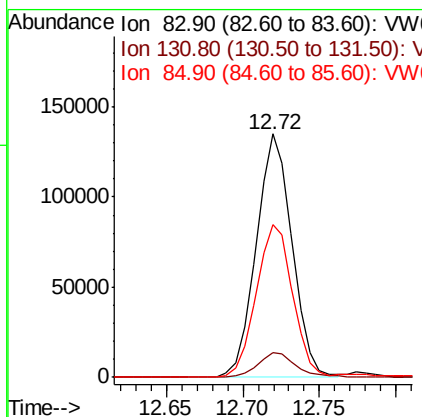
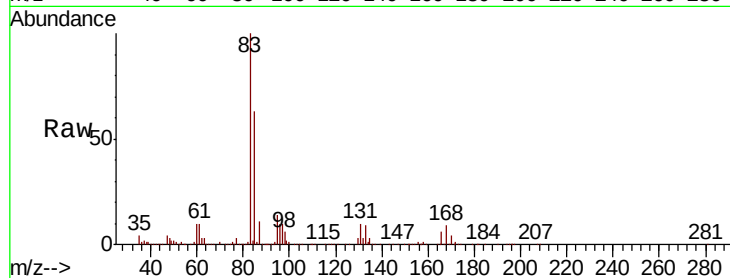
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	219429
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.5
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.87 ug/l m

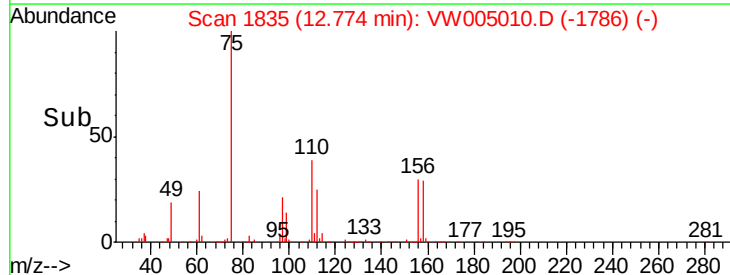
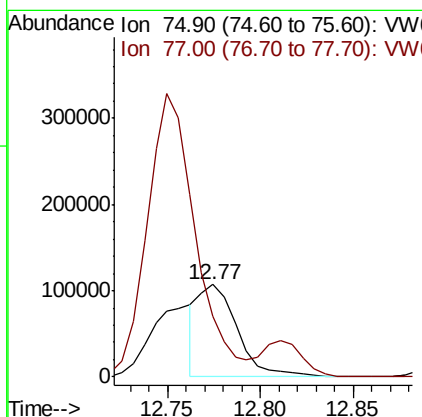
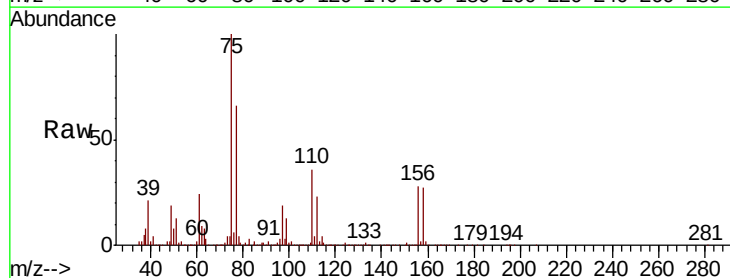
RT: 12.77 min Scan# 1835

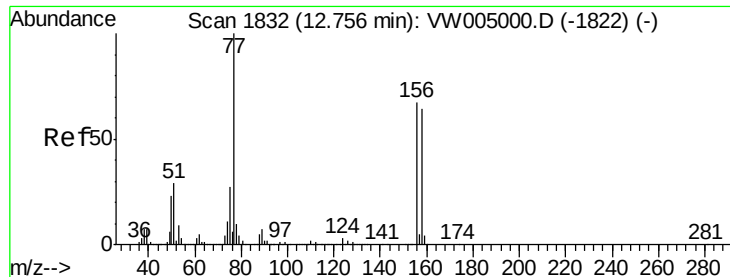
Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tgt Ion:	75	Resp:	155776
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.71 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

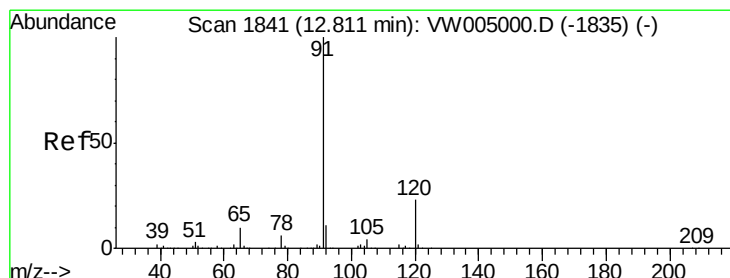
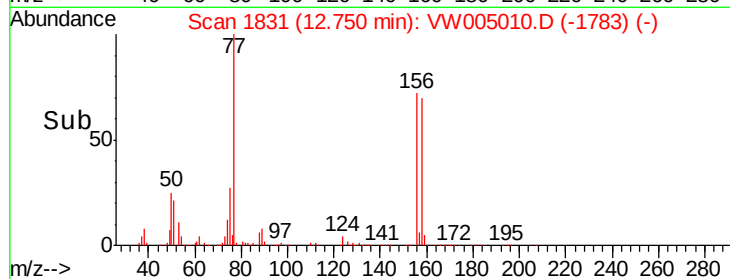
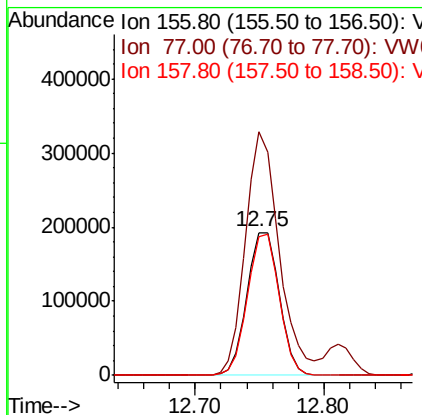
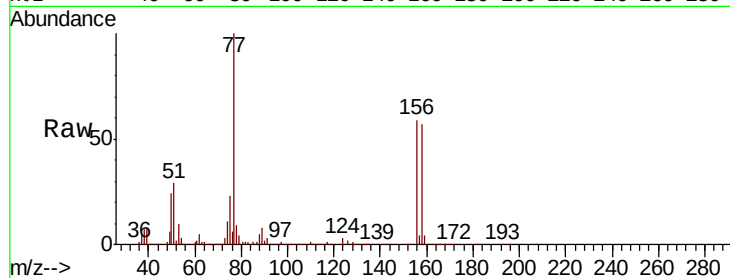
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	332489
Ion Ratio	Lower	Upper	
156	100		
77	179.2	86.9	260.6
158	97.4	48.6	145.9

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#78

n-propylbenzene

Concen: 53.91 ug/l

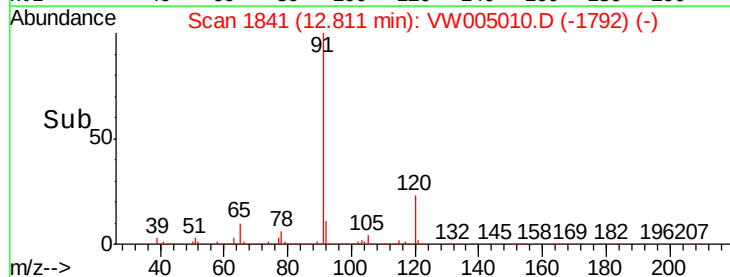
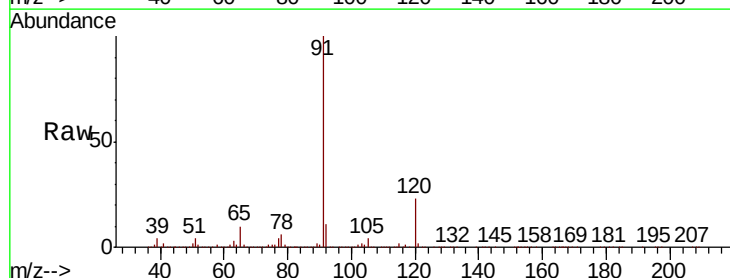
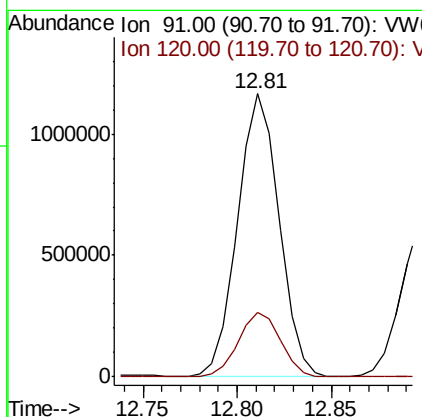
RT: 12.81 min Scan# 1841

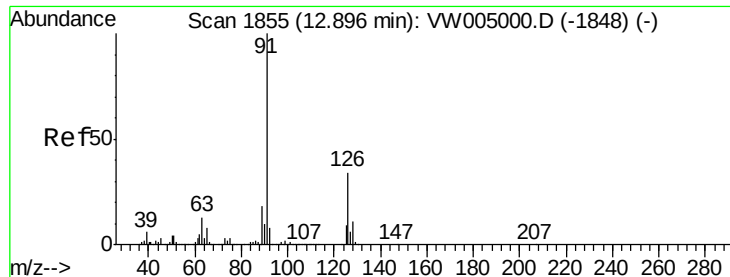
Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Tgt Ion:	91	Resp:	1776817
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





#79

2-Chlorotoluene

Concen: 52.55 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005010.D

Acq: 30 Aug 2018 11:23

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1000375

Ion Ratio Lower Upper

91 100

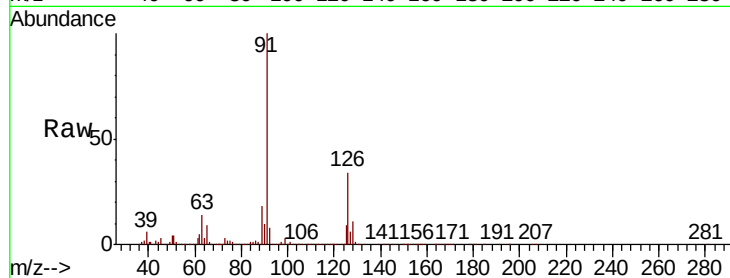
126 34.3 17.3 52.0

Manual Integrations

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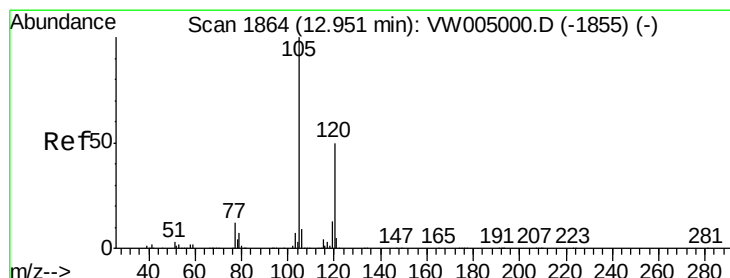
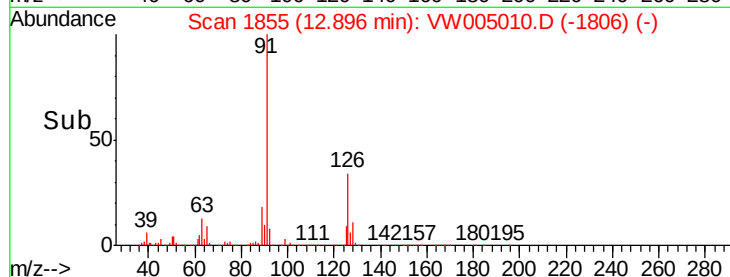
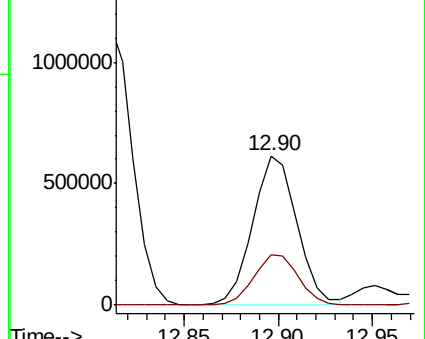
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.91 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW005010.D

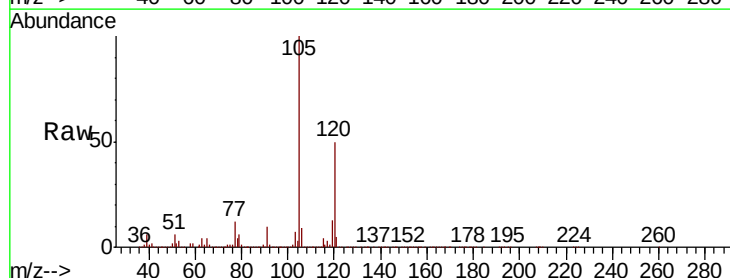
Acq: 30 Aug 2018 11:23

Tgt Ion:105 Resp: 1249056

Ion Ratio Lower Upper

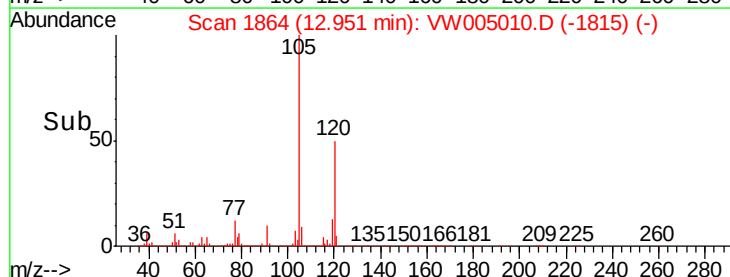
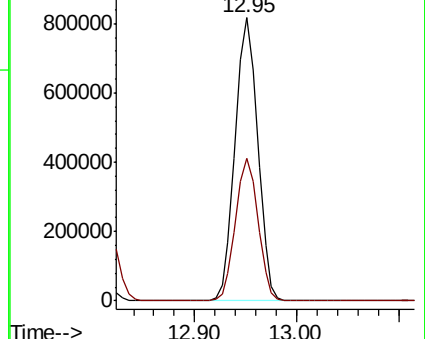
105 100

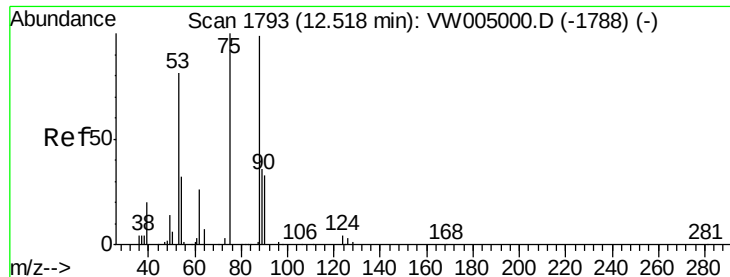
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





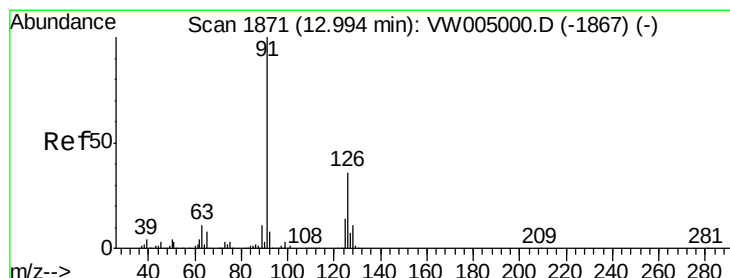
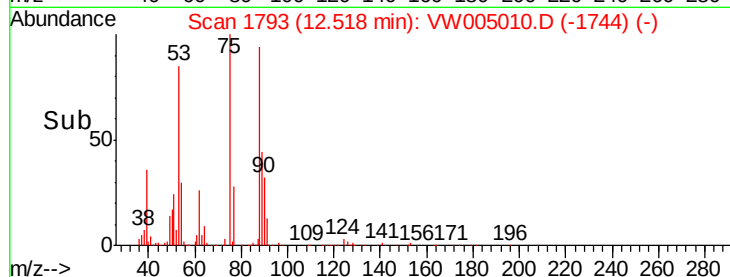
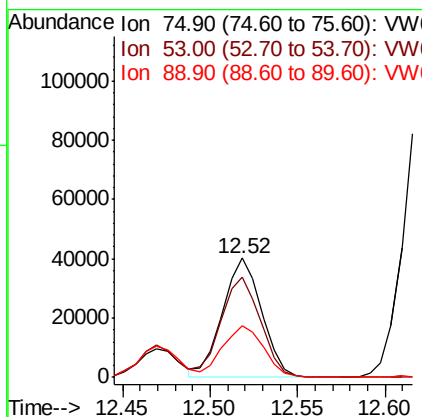
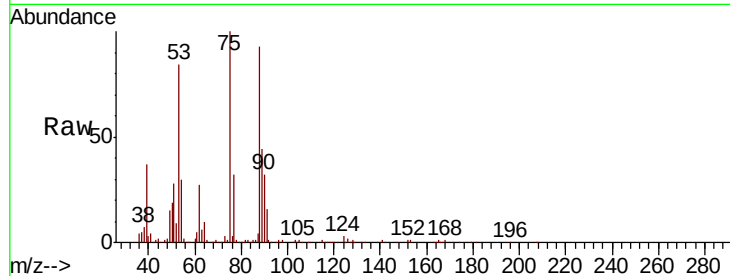
#81
trans-1,4-Dichloro-2-butene
Concen: 48.98 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.8	67.4	101.2
89	45.9	35.0	52.6

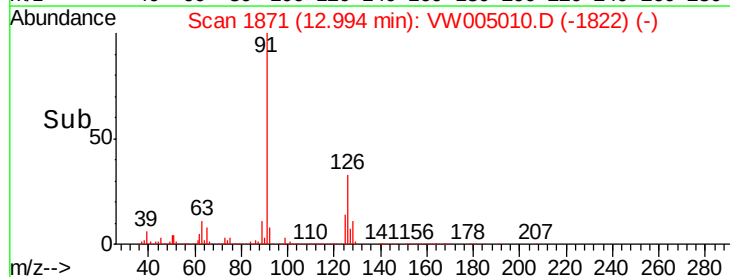
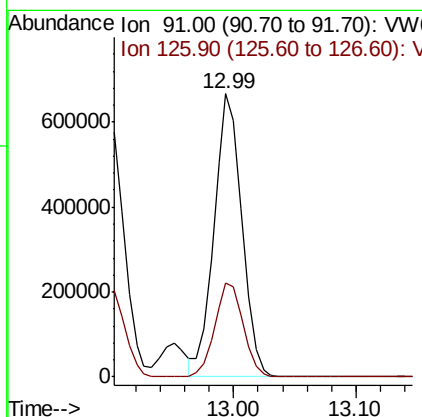
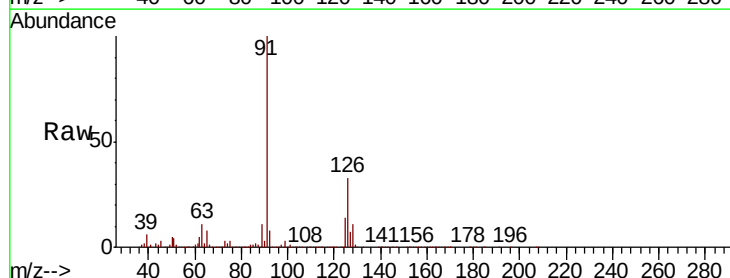
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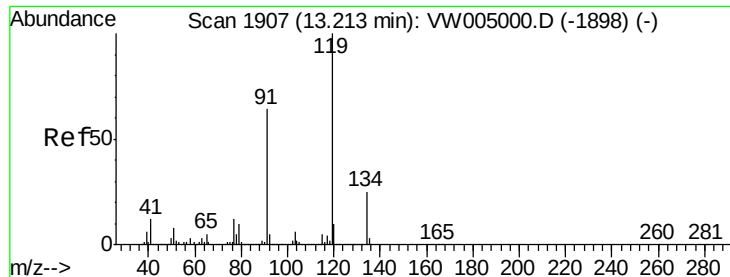
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#82
4-Chlorotoluene
Concen: 51.92 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.5	52.5





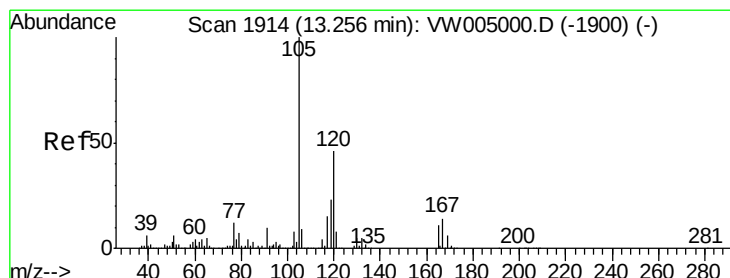
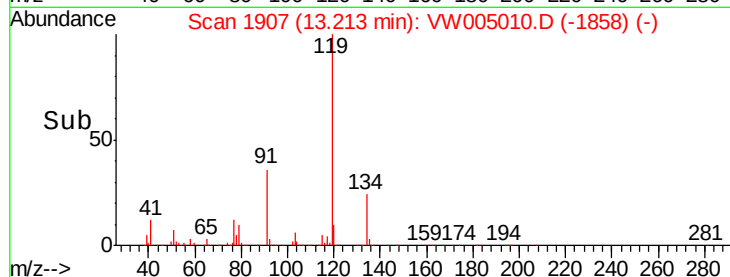
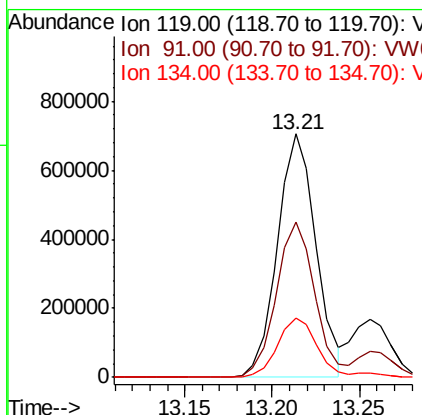
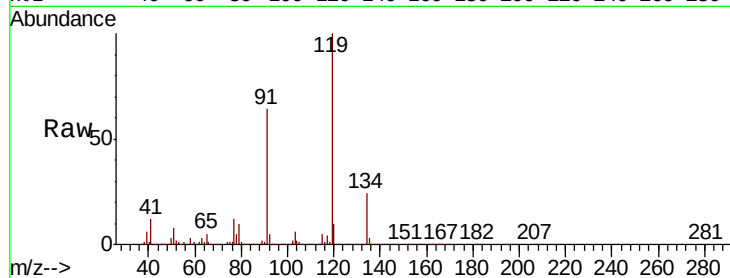
#83
 tert-Butylbenzene
 Concen: 54.81 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	31.9	95.5
134	26.0	13.2	39.5

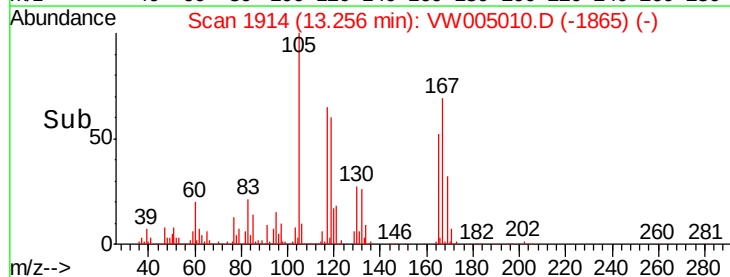
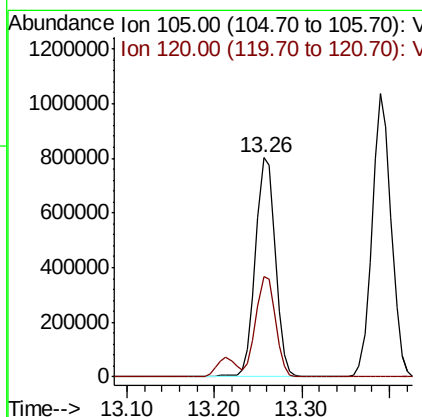
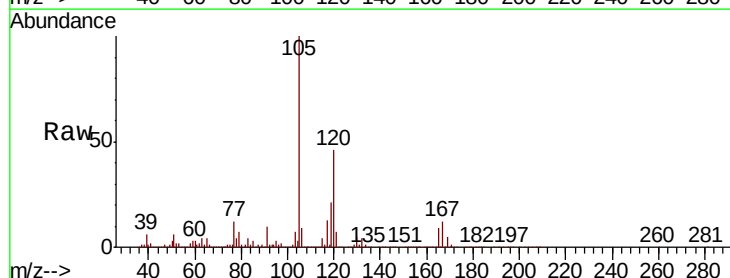
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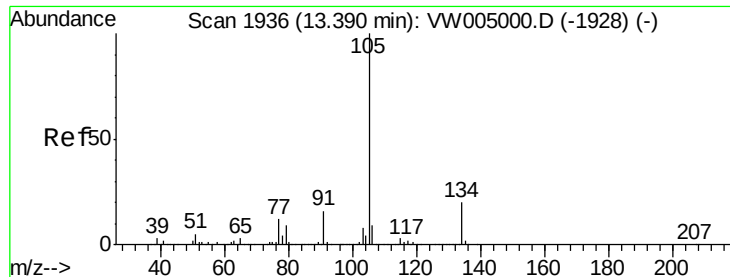
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.81 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.7





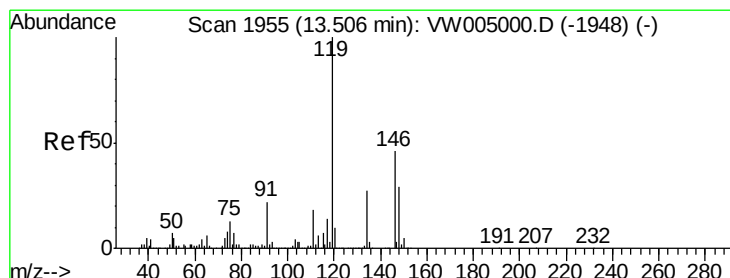
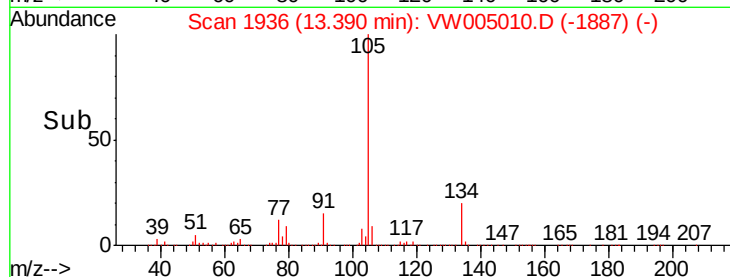
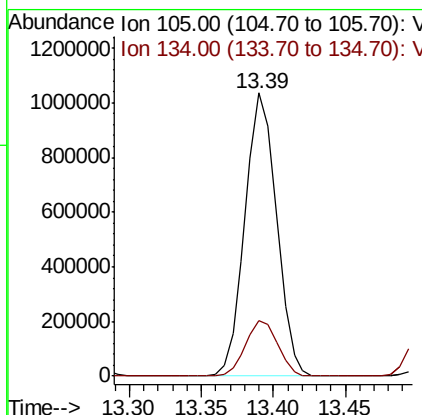
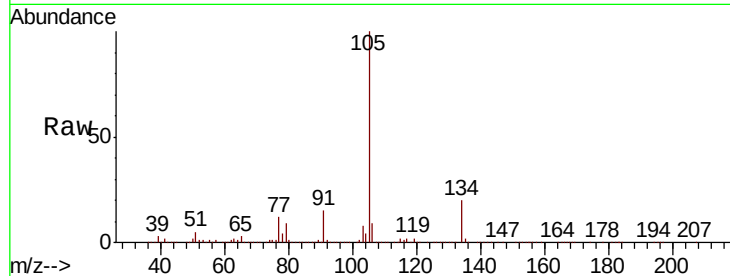
#85
 sec-Butylbenzene
 Concen: 54.16 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1576544
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

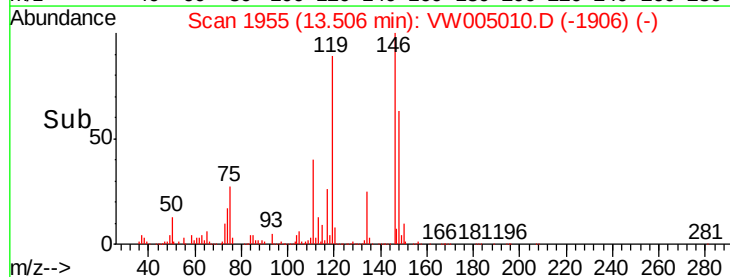
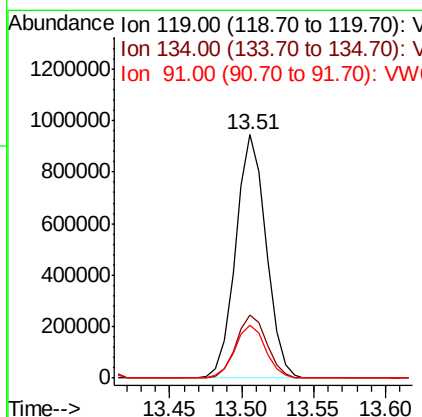
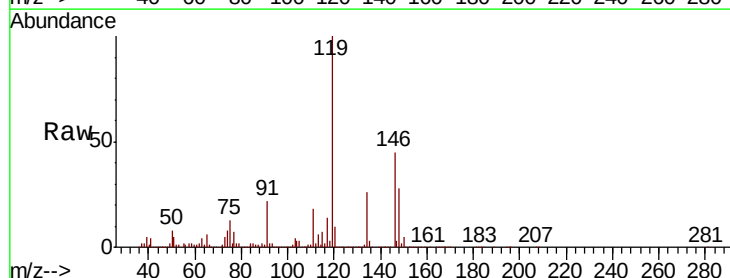
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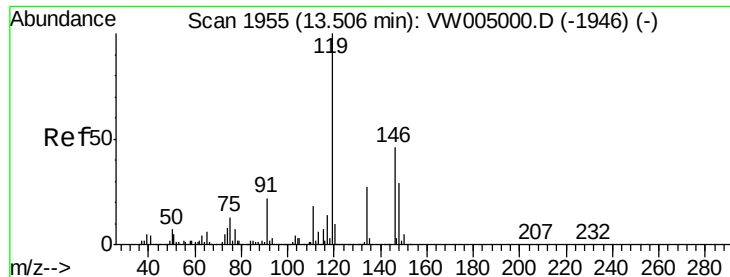
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#86
 p-Isopropyltoluene
 Concen: 53.15 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion:119 Resp: 1385992
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 21.9 10.9 32.9





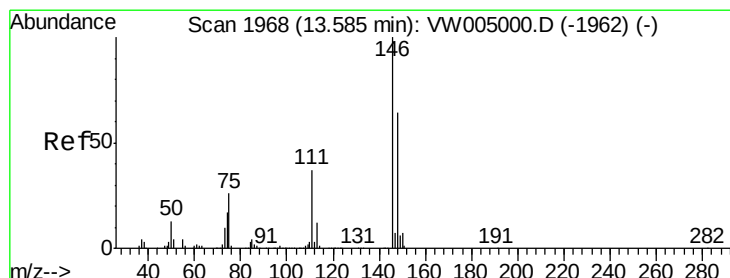
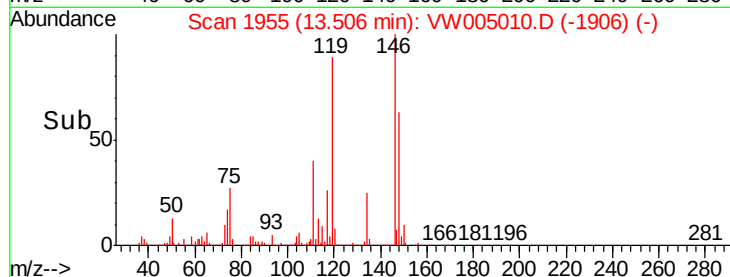
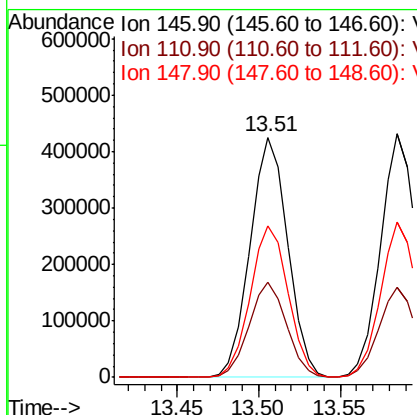
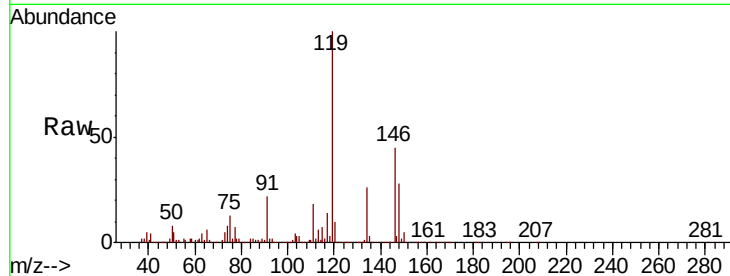
#87
 1,3-Dichlorobenzene
 Concen: 49.14 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	683052		
111	39.3	19.3	57.8	
148	63.5	31.6	94.7	

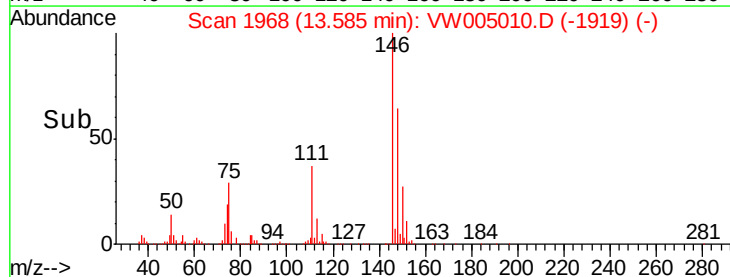
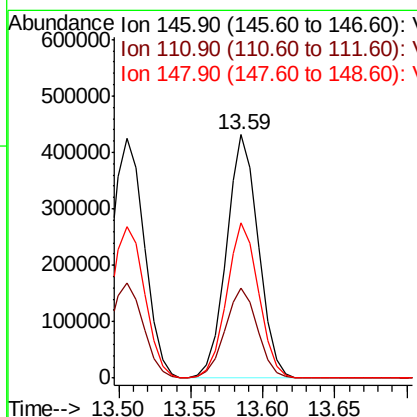
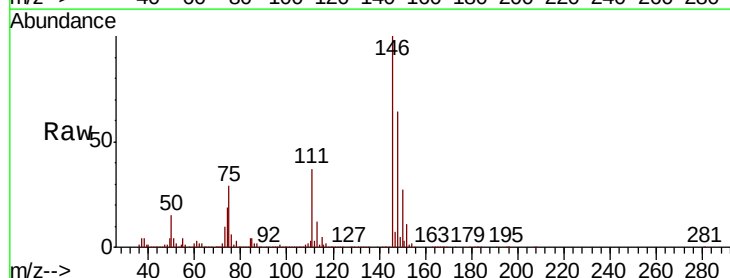
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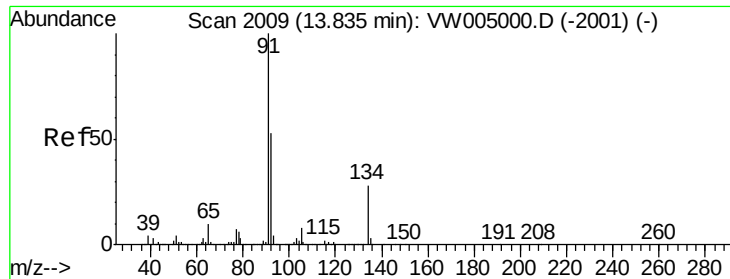
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#88
 1,4-Dichlorobenzene
 Concen: 48.50 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	667746		
111	37.7	18.7	56.1	
148	64.1	31.7	95.1	





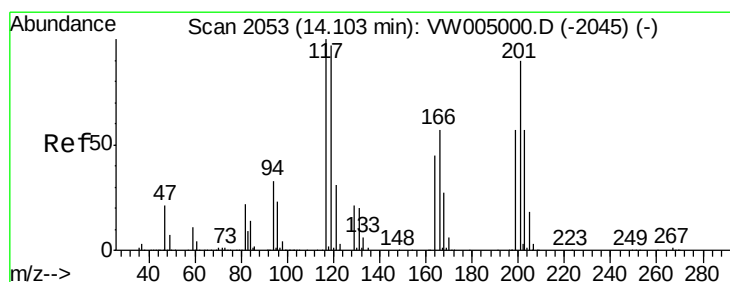
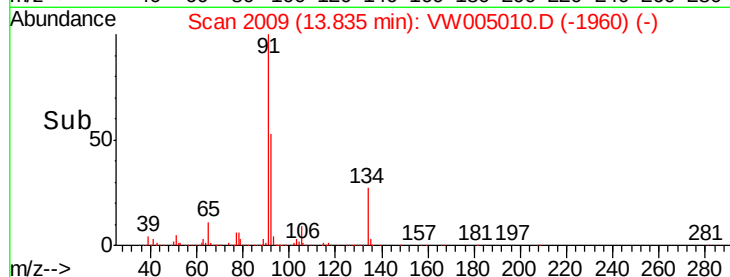
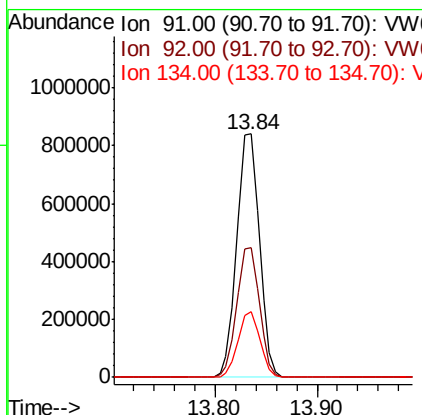
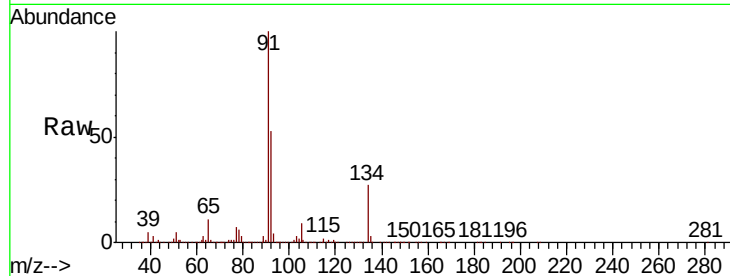
#89
n-Butylbenzene
Concen: 52.45 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.4
134	26.3	13.4	40.1

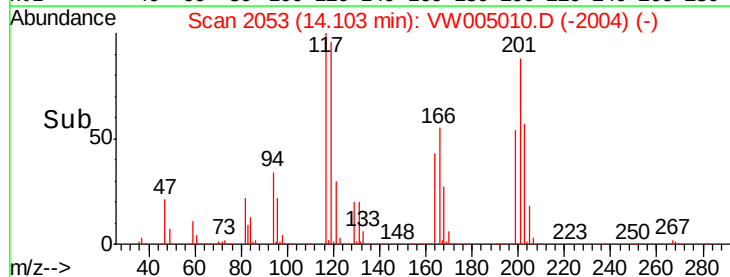
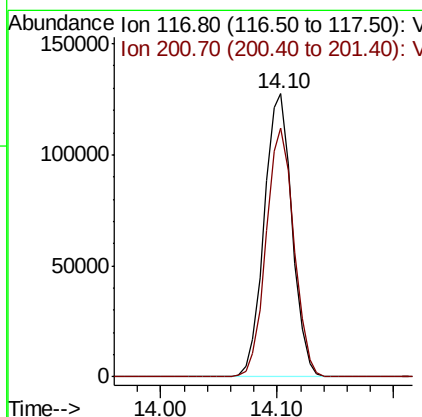
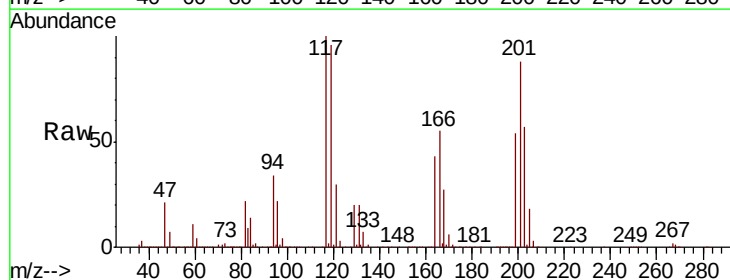
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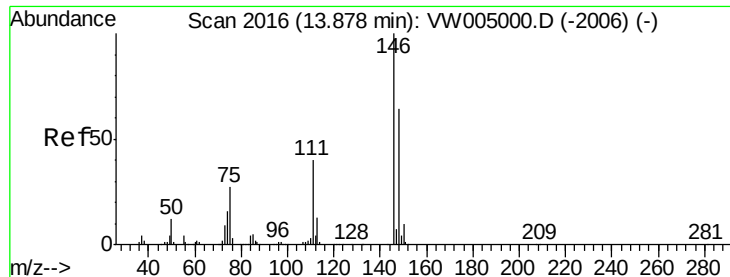
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#90
Hexachloroethane
Concen: 51.81 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	44.3	132.8





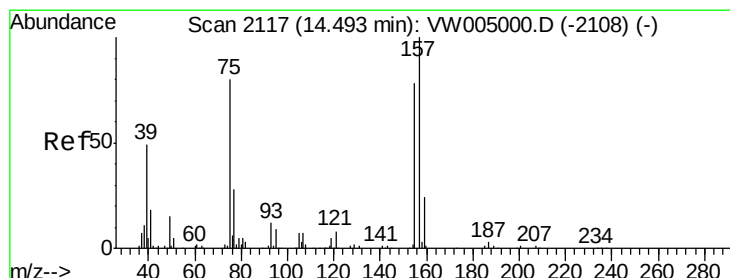
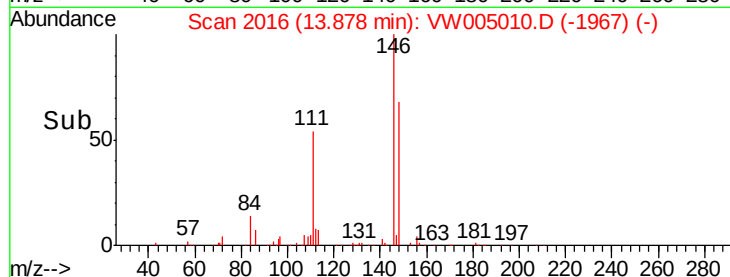
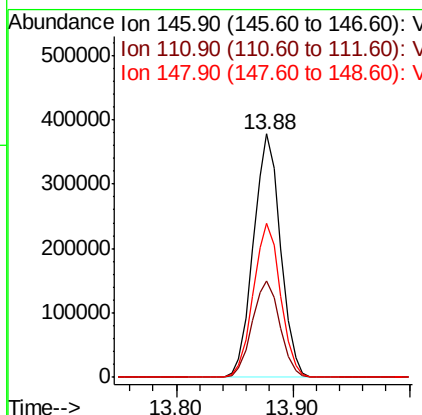
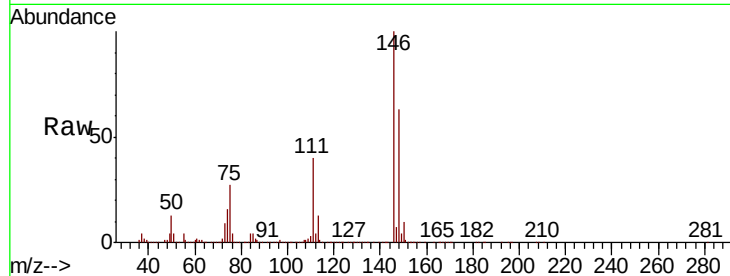
#91
 1,2-Dichlorobenzene
 Concen: 49.89 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.7
148	63.6	31.9	95.7

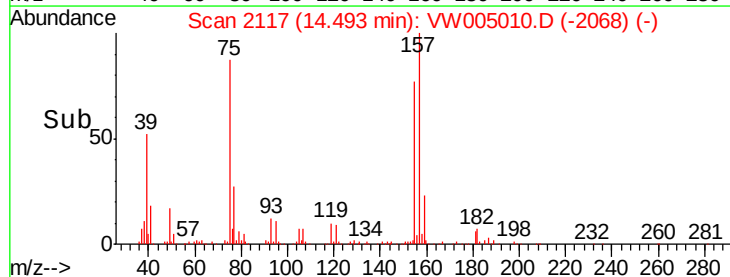
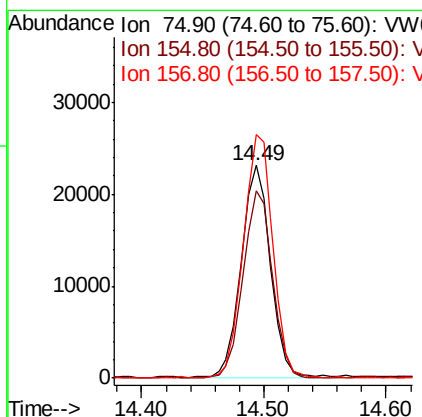
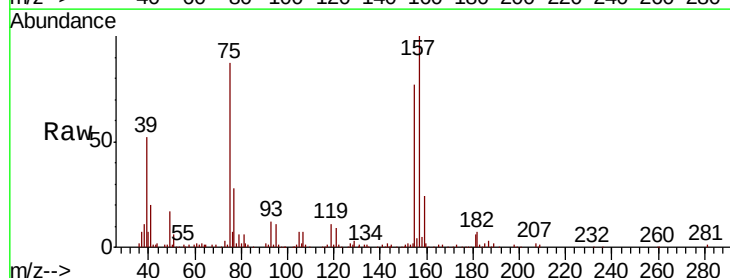
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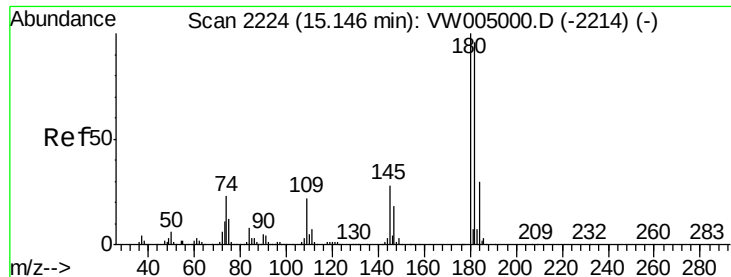
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.36 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	46.1	138.2
157	115.2	58.7	176.1





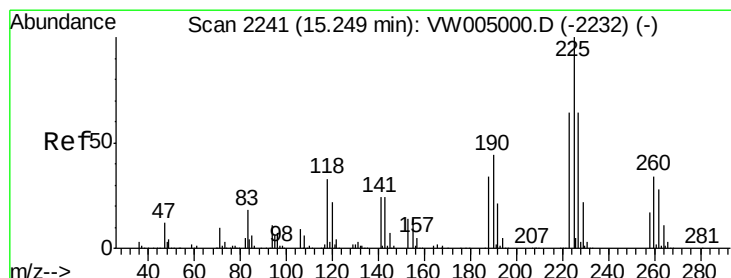
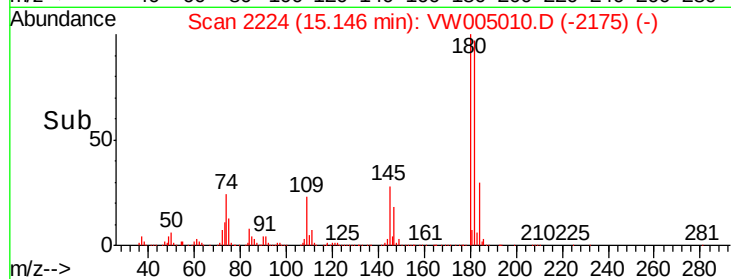
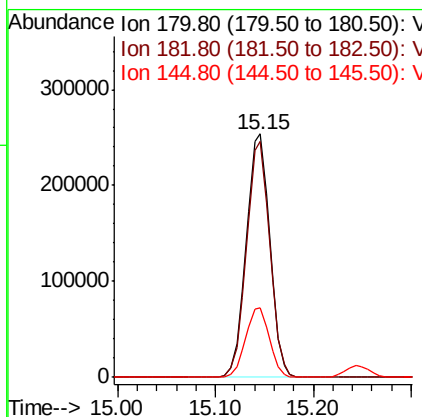
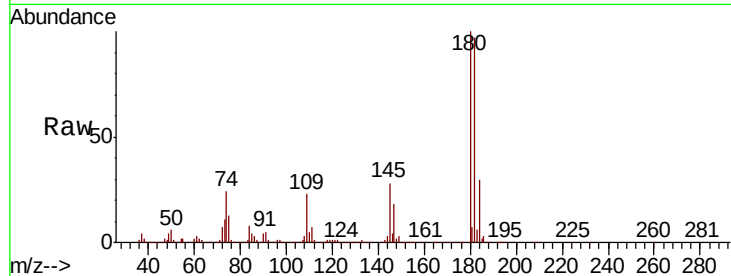
#93
 1,2,4-Trichlorobenzene
 Concen: 49.52 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	424425
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.6	142.8
145	29.0	14.3	42.9

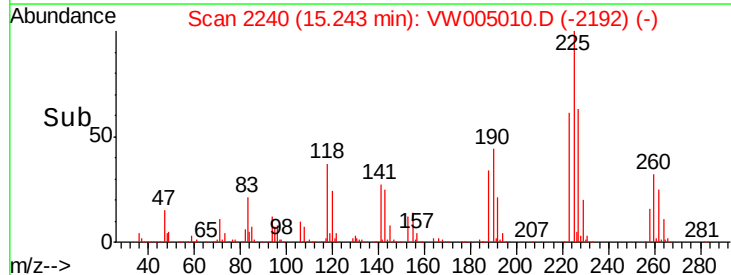
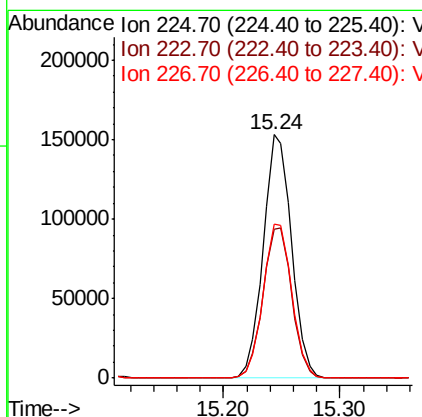
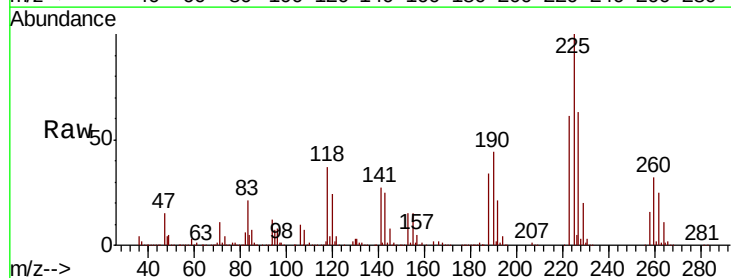
Manual Integrations
 APPROVED

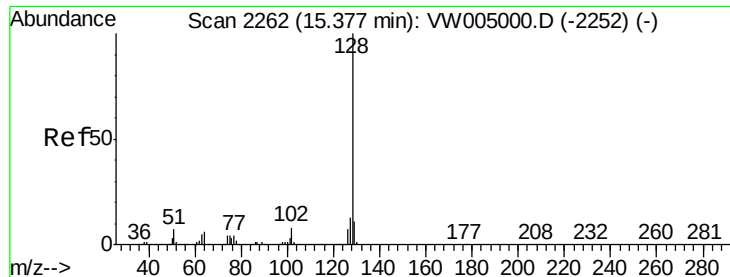
apatel
 8/31/2018 11:39:09 AM



#94
 Hexachlorobutadiene
 Concen: 48.31 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW005010.D
 Acq: 30 Aug 2018 11:23

Tgt Ion:	225	Resp:	259201
Ion Ratio	Lower	Upper	
225	100		
223	63.0	32.0	96.0
227	64.3	31.9	95.7





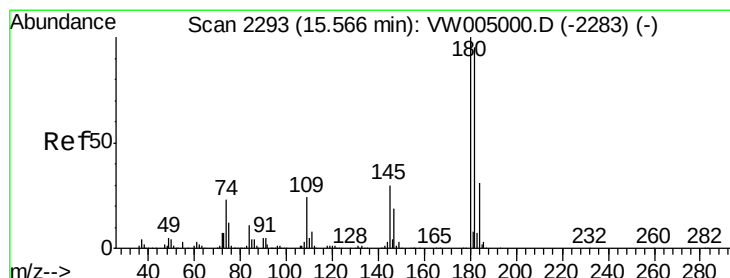
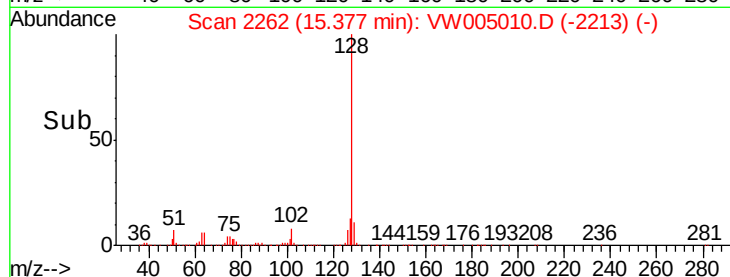
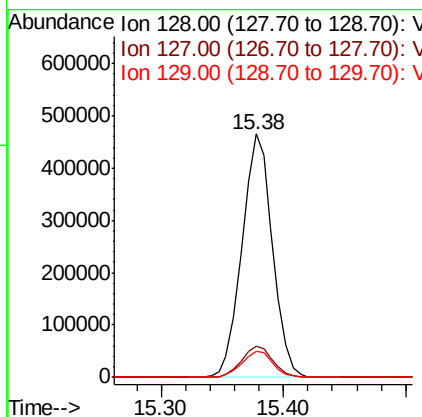
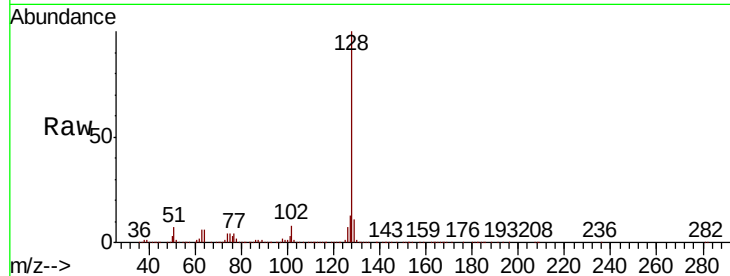
#95
Naphthalene
Concen: 50.02 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	800895		
127	12.9		10.5	15.7
129	11.0		8.7	13.1

Manual Integrations
APPROVED

apatel
8/31/2018 11:39:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.74 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW005010.D
Acq: 30 Aug 2018 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	376673		
182	95.6		47.6	142.8
145	31.4		15.1	45.3

