

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003747.D
 Acq On : 06 Jul 2018 22:48
 Operator : SY/AP
 Sample : VSTDCCC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Manual Integrations
 APPROVED

apatel
 7/9/2018 9:50:28 AM

Quant Time: Jul 07 04:01:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	14060	5.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.78%	
35) Dibromofluoromethane	7.88	113	11664	5.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.86%	
50) Toluene-d8	10.32	98	41214	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
62) 4-Bromofluorobenzene	12.62	95	14597	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4513	4.77	ug/l	92
3) Chloromethane	2.21	50	10245	6.46	ug/l	92
4) Vinyl Chloride	2.36	62	12855	5.95	ug/l	99
5) Bromomethane	2.78	94	9661	6.72	ug/l	94
6) Chloroethane	2.92	64	7441	5.74	ug/l	95
7) Trichlorofluoromethane	3.24	101	5371	4.86	ug/l	87
8) Diethyl Ether	3.67	74	5065	4.91	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	9349	4.91	ug/l	90
10) Methyl Iodide	4.26	142	12051	4.32	ug/l #	89
11) Tert butyl alcohol	5.22	59	3296	22.47	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	9004	4.76	ug/l	100
13) Acrolein	3.89	56	4353	45.68	ug/l	96
14) Allyl chloride	4.65	41	13583	4.20	ug/l	96
15) Acrylonitrile	5.38	53	10889	21.83	ug/l	96
16) Acetone	4.14	43	11141	20.10	ug/l	93
17) Carbon Disulfide	4.36	76	27973	4.93	ug/l	98
18) Methyl Acetate	4.67	43	5603	4.07	ug/l	92
19) Methyl tert-butyl Ether	5.42	73	17584	4.69	ug/l	99
20) Methylene Chloride	4.90	84	15983	6.23	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	10795	5.18	ug/l	97
22) Diisopropyl ether	6.31	45	33261	4.95	ug/l	92
23) Vinyl Acetate	6.25	43	97980	23.94	ug/l	98
24) 1,1-Dichloroethane	6.21	63	23263	5.83	ug/l	99
25) 2-Butanone	7.18	43	17699	24.36	ug/l	95
26) 2,2-Dichloropropane	7.17	77	13342	5.55	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	12904	5.67	ug/l	97
28) Bromochloromethane	7.51	49	10764	6.17	ug/l	95
29) Tetrahydrofuran	7.54	42	11045	25.08	ug/l	97
30) Chloroform	7.68	83	24095	5.96	ug/l	96
31) Cyclohexane	7.95	56	22257	6.16	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	18381	5.86	ug/l	98
36) 1,1-Dichloropropene	8.08	75	17464	5.29	ug/l	99
37) Ethyl Acetate	7.26	43	8392	5.17	ug/l	97
38) Carbon Tetrachloride	8.07	117	17200	5.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	17196	4.55	ug/l	96
40) Benzene	8.32	78	50542	5.43	ug/l	95
41) Methacrylonitrile	7.49	41	4066	4.39	ug/l	95
42) 1,2-Dichloroethane	8.40	62	17594	5.96	ug/l	99
43) Isopropyl Acetate	8.43	43	15438	5.03	ug/l	97
44) Trichloroethene	9.09	130	12520	5.21	ug/l	99
45) 1,2-Dichloropropane	9.37	63	13176	5.44	ug/l	96
46) Dibromomethane	9.46	93	7133	5.64	ug/l	99
47) Bromodichloromethane	9.65	83	17094	5.49	ug/l #	99
48) Methyl methacrylate	9.44	41	7165	4.91	ug/l	98
49) 1,4-Dioxane	9.47	88	1839	93.39	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	36776	22.68	ug/l	98
52) Toluene	10.39	92	29858	5.14	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	15992	4.97	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	17526	4.82	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	9910	5.58	ug/l	96
56) Ethyl methacrylate	10.65	69	9378	4.19	ug/l	97
57) 1,3-Dichloropropane	10.93	76	16194	5.24	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	21871	21.99	ug/l	99
59) 2-Hexanone	10.98	43	24775	21.47	ug/l	95
60) Dibromochloromethane	11.13	129	10948	5.26	ug/l	100
61) 1,2-Dibromoethane	11.24	107	9337	5.47	ug/l	96
64) Tetrachloroethene	10.86	164	11987	5.57	ug/l	92
65) Chlorobenzene	11.66	112	35353	5.33	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	12007	5.18	ug/l	97
67) Ethyl Benzene	11.73	91	54415	4.70	ug/l	99
68) m/p-Xylenes	11.85	106	40942	9.27	ug/l	98
69) o-Xylene	12.17	106	18648	4.56	ug/l	98
70) Styrene	12.19	104	30704	4.47	ug/l	100
71) Bromoform	12.35	173	6251	4.82	ug/l #	98
73) Isopropylbenzene	12.47	105	48716	4.33	ug/l	99
74) N-amyl acetate	12.28	43	13556	4.51	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	11456	5.14	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	9492m	6.35	ug/l	
77) Bromobenzene	12.75	156	14083	5.21	ug/l	95
78) n-propylbenzene	12.81	91	63376	4.55	ug/l	99
79) 2-Chlorotoluene	12.90	91	37935	4.79	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	42551	4.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	2992	4.26	ug/l	91
82) 4-Chlorotoluene	12.99	91	41595	4.93	ug/l	98
83) tert-Butylbenzene	13.21	119	34625	4.31	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	44181	4.50	ug/l	100
85) sec-Butylbenzene	13.39	105	53735	4.50	ug/l	99
86) p-Isopropyltoluene	13.51	119	44381	4.24	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	28593	5.20	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	29776	5.41	ug/l	94
89) n-Butylbenzene	13.83	91	45911	4.45	ug/l	99
90) Hexachloroethane	14.10	117	10343	5.32	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	25517	5.18	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	1999	5.13	ug/l	95

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC005

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Jul 07 03:50:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	16501	4.76	ug/l	99
94) Hexachlorobutadiene	15.25	225	10160	5.11	ug/l	98
95) Naphthalene	15.38	128	25117	3.97	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	14622	4.72	ug/l	99

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

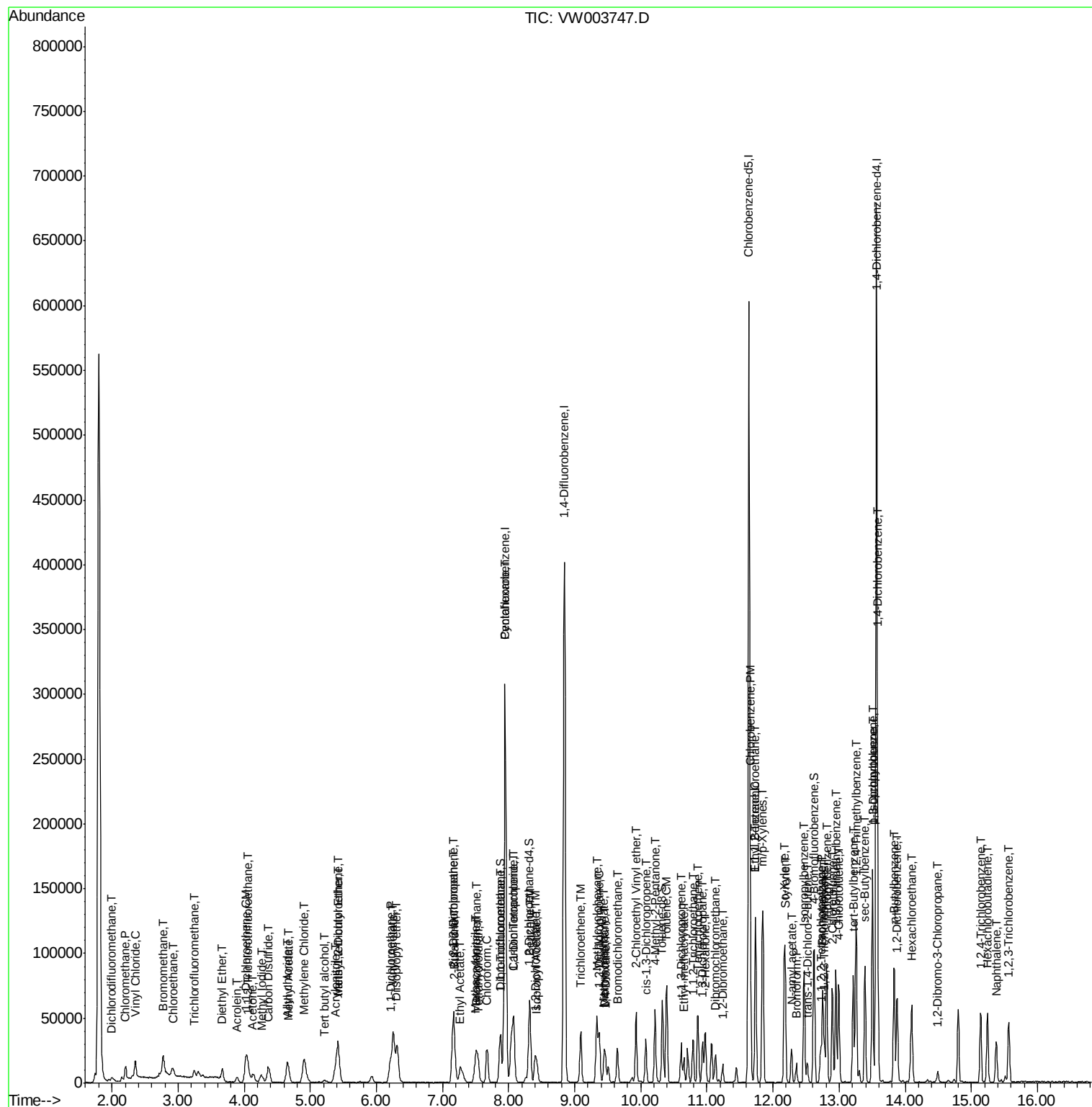
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 Data File : VW003747.D
 Acq On : 06 Jul 2018 22:48
 Operator : SY/AP
 Sample : VSTDCCC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

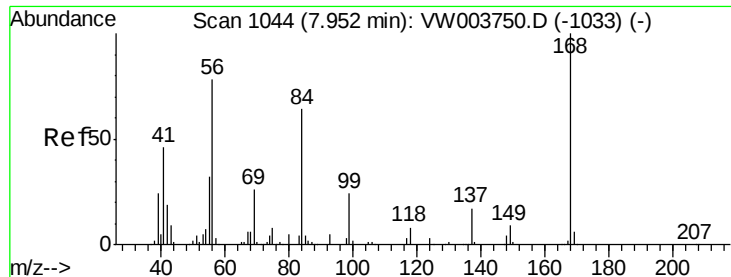
Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

Tot Ion:168 Resp: 197057

Ion Ratio Lower Upper

168 100

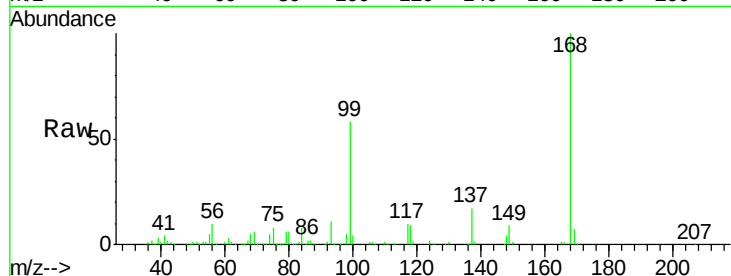
99 58.0 45.0 67.6

Manual Integrations

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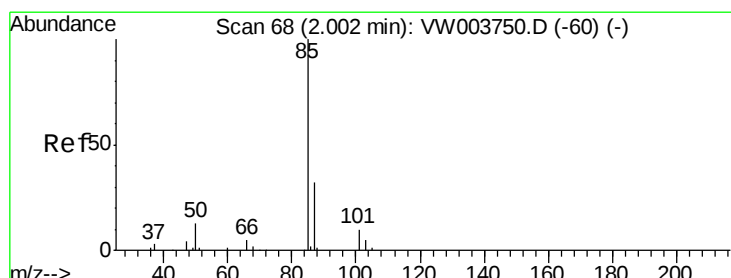
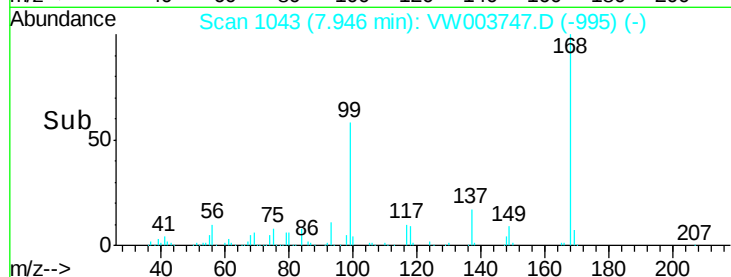
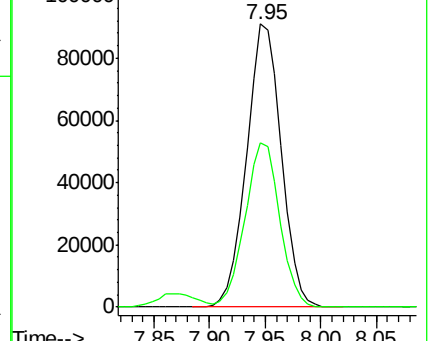
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 4.77 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VW003747.D

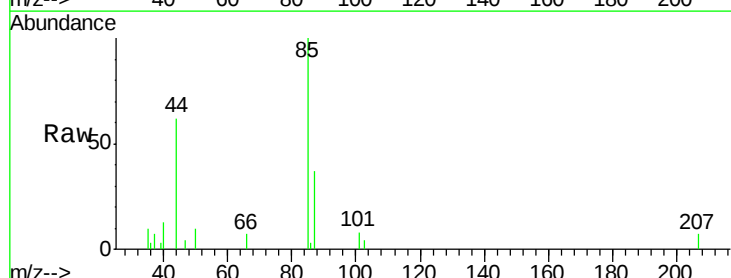
Acq: 06 Jul 2018 22:48

Tgt Ion: 85 Resp: 4513

Ion Ratio Lower Upper

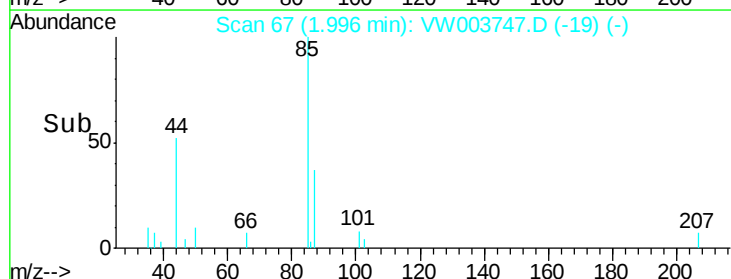
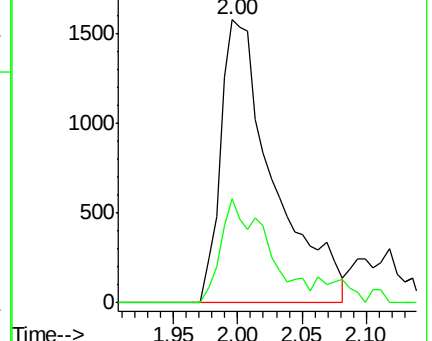
85 100

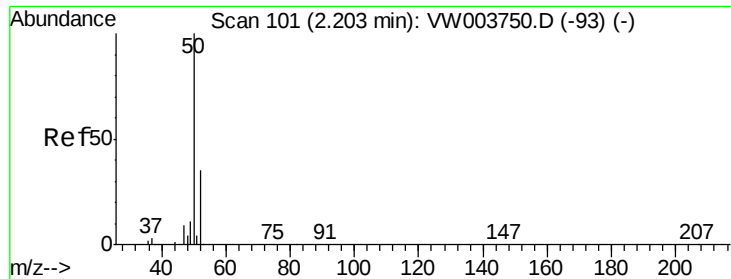
87 36.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 6.46 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

Tot Ion: 50 Resp: 10245

Ion Ratio Lower Upper

50 100

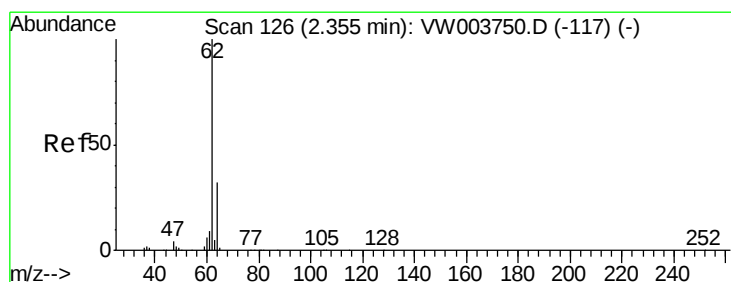
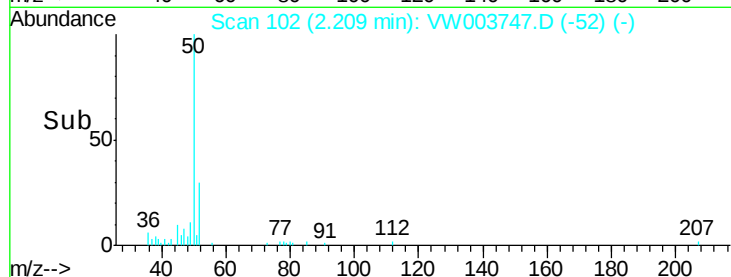
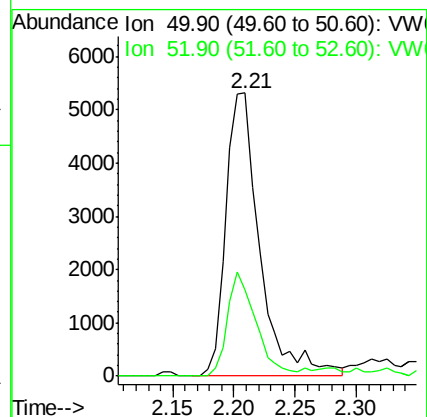
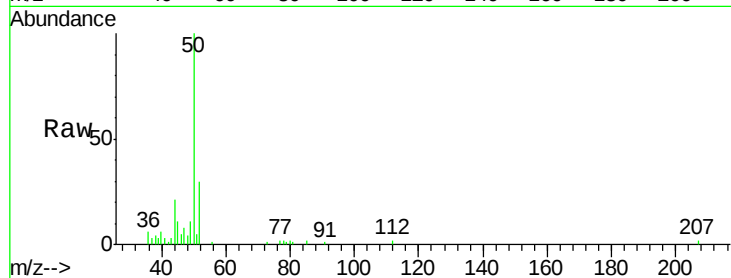
52 30.4 27.8 41.6

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#4

Vinyl Chloride

Concen: 5.95 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003747.D

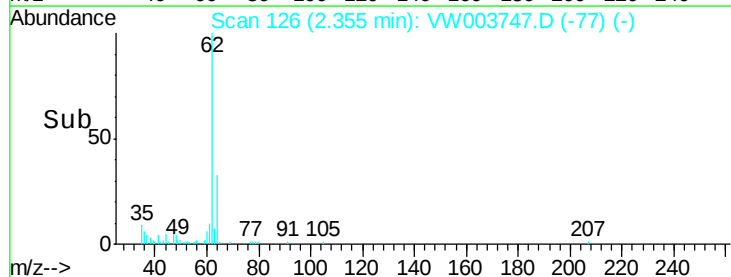
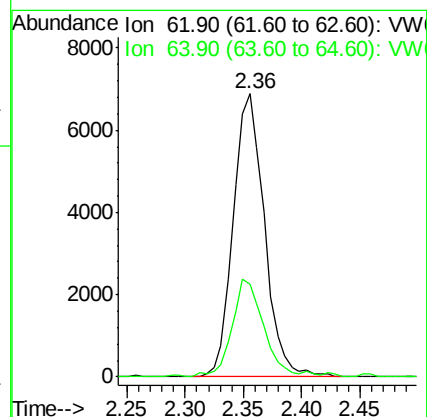
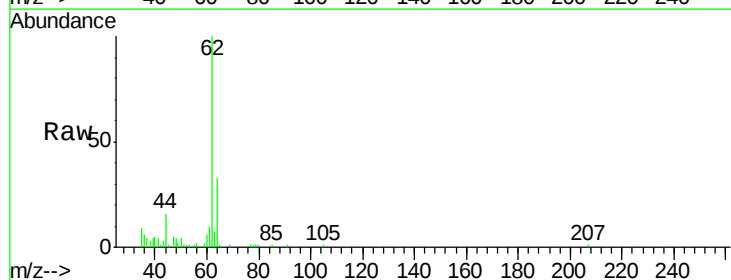
Acq: 06 Jul 2018 22:48

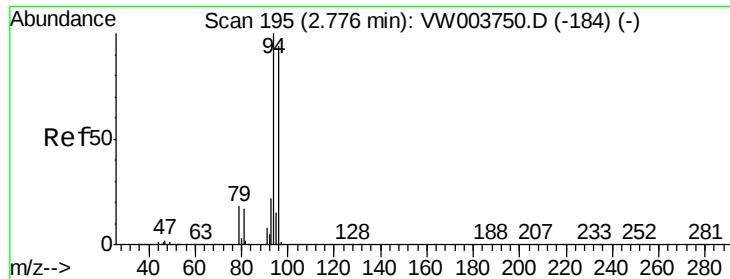
Tgt Ion: 62 Resp: 12855

Ion Ratio Lower Upper

62 100

64 32.7 25.8 38.8





#5

Bromomethane

Concen: 6.72 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC005

Tot Ion: 94 Resp: 9661

Ion Ratio Lower Upper

94 100

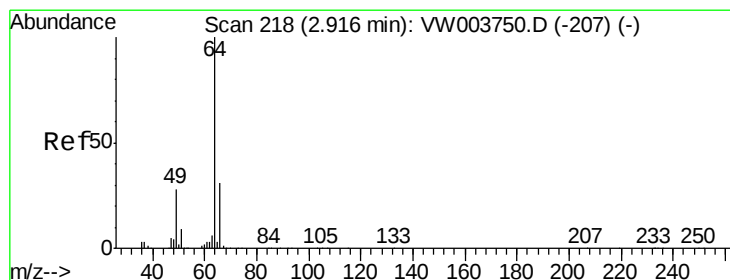
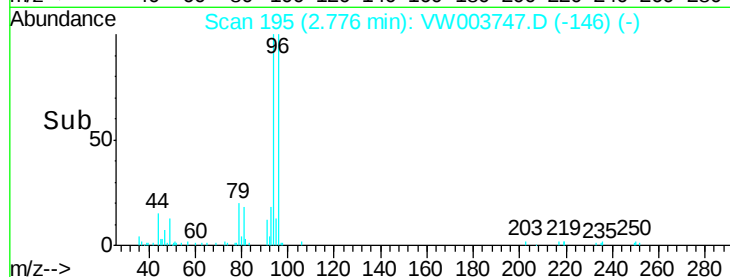
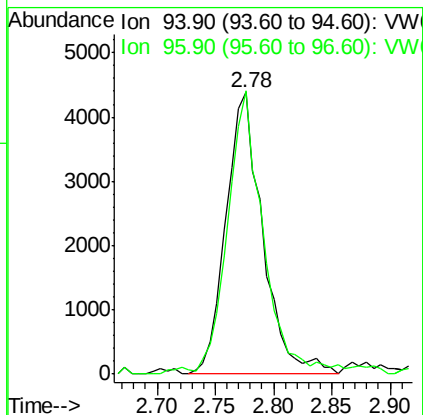
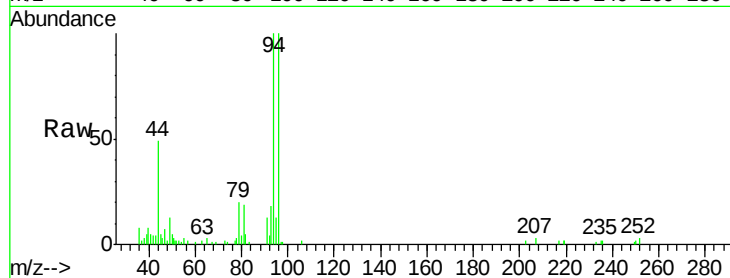
96 99.1 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 5.74 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW003747.D

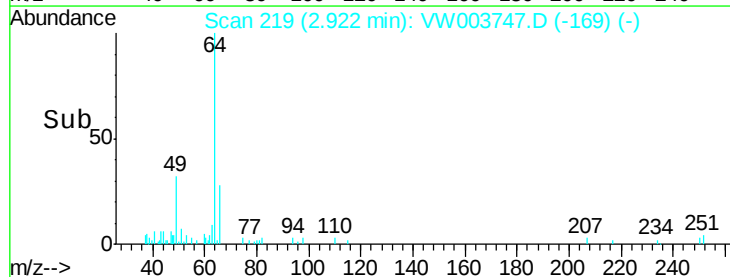
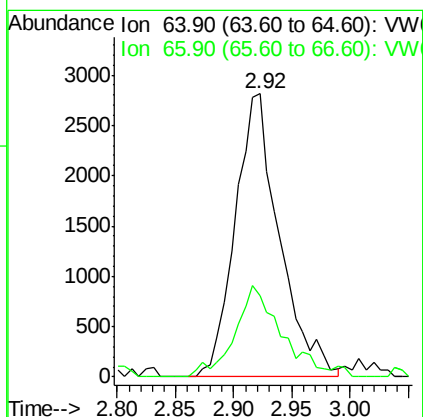
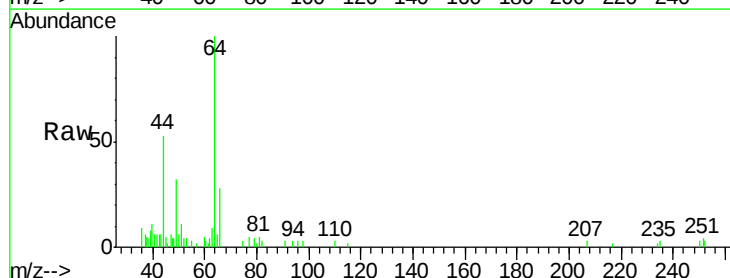
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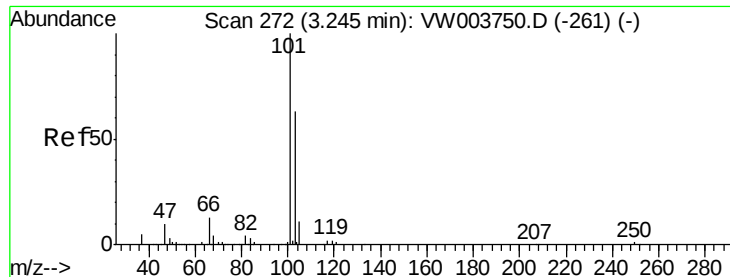
Tgt Ion: 64 Resp: 7441

Ion Ratio Lower Upper

64 100

66 28.5 25.1 37.7





#7

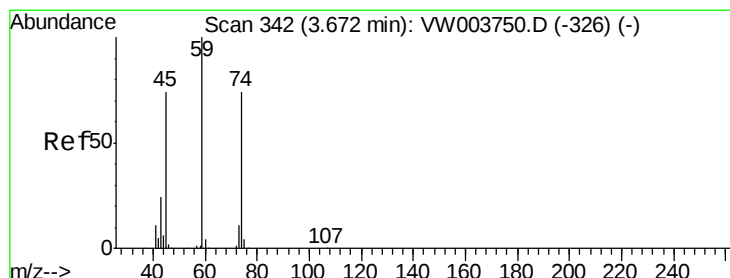
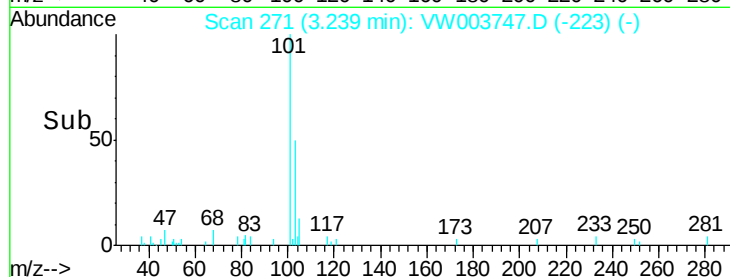
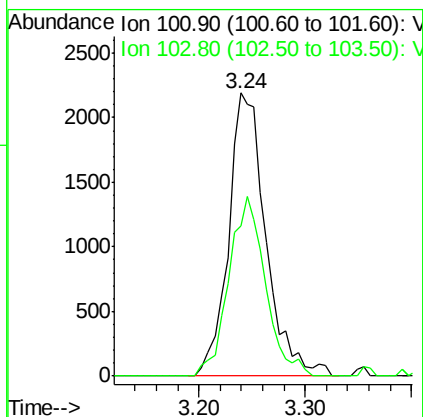
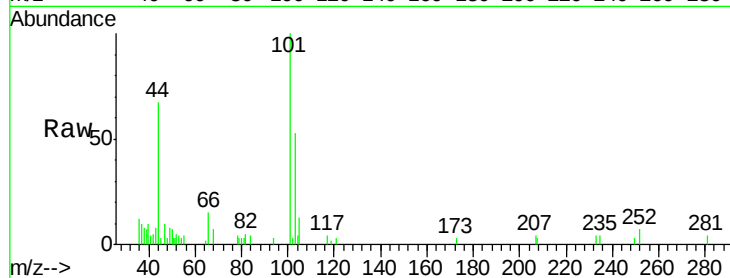
Trichlorofluoromethane
Concen: 4.86 ug/l
RT: 3.24 min Scan# 271
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	53.1	50.7	76.1

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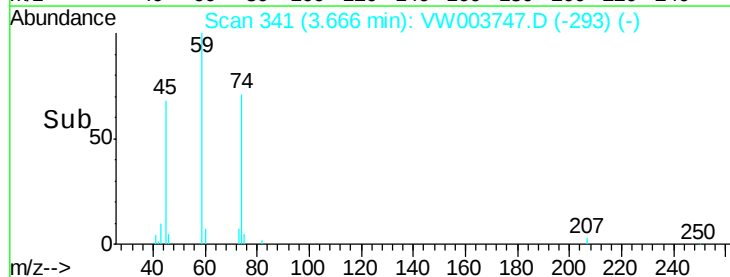
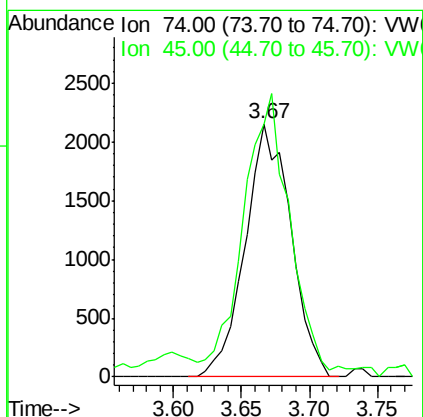
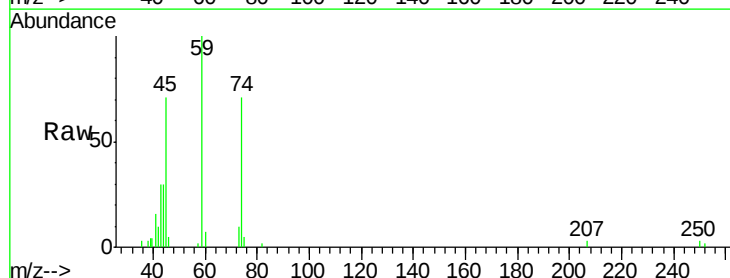
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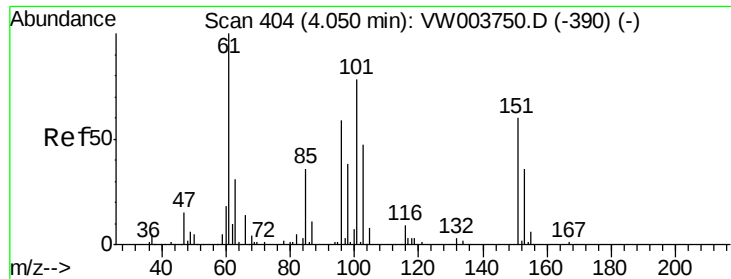


#8

Diethyl Ether
Concen: 4.91 ug/l
RT: 3.67 min Scan# 341
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.1	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.91 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

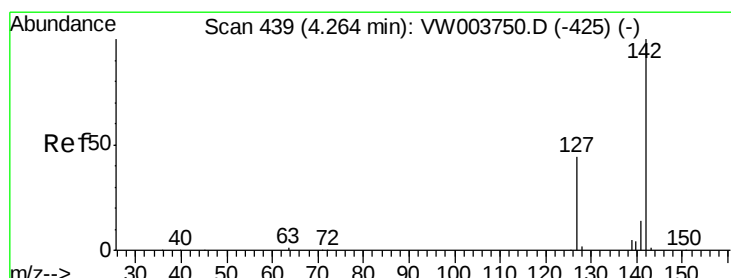
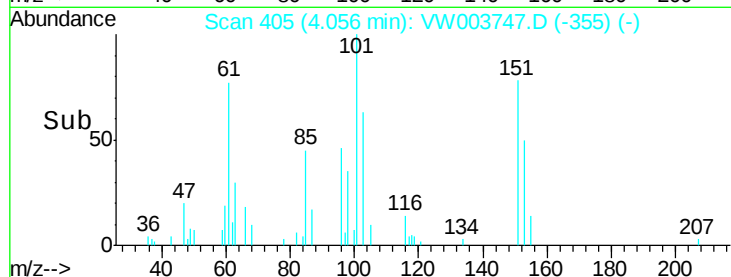
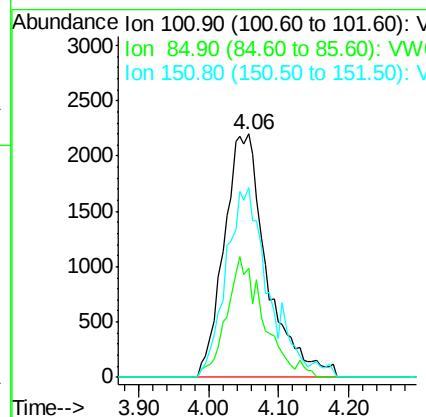
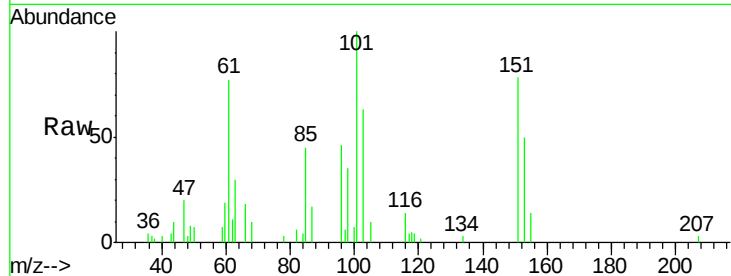
ClientSampleId :

VSTDCCC005

Tot Ion:	101	Resp:	9349
Ion	Ratio	Lower	Upper
101	100		
85	41.3	37.1	55.7
151	67.9	62.3	93.5

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#10

Methyl Iodide

Concen: 4.32 ug/l

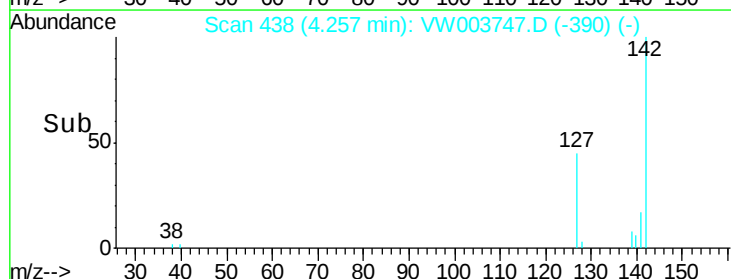
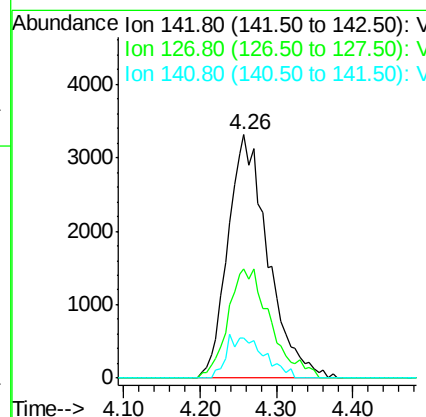
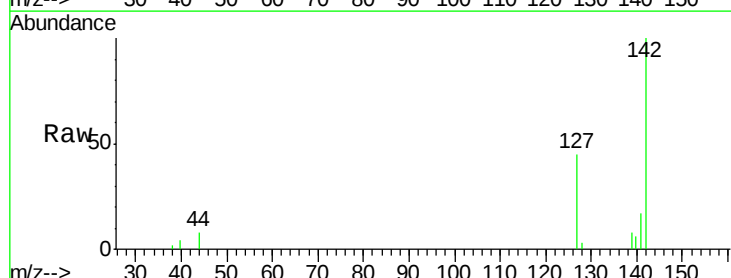
RT: 4.26 min Scan# 438

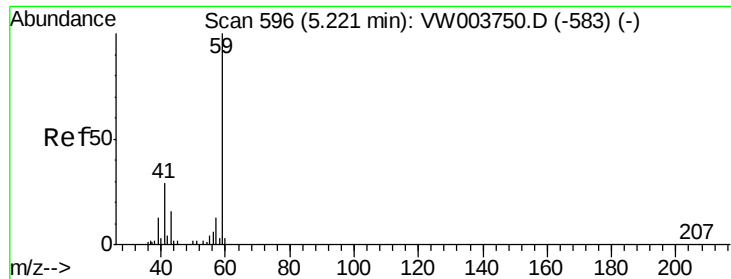
Delta R.T. -0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion:	142	Resp:	12051
Ion	Ratio	Lower	Upper
142	100		
127	47.4	36.1	54.1
141	0.0	11.6	17.4





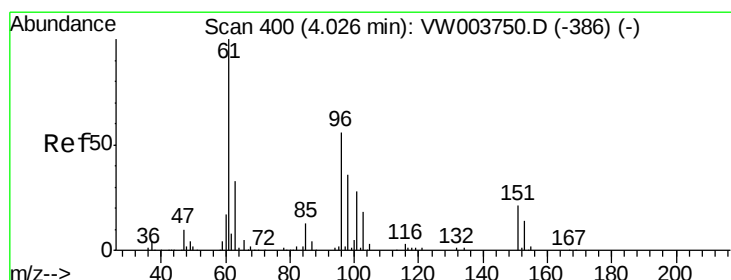
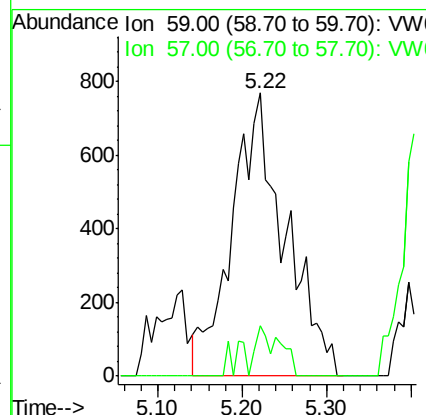
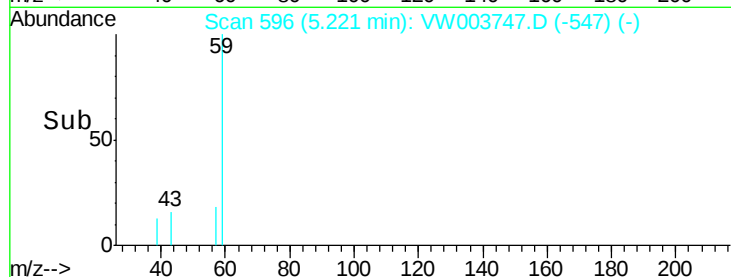
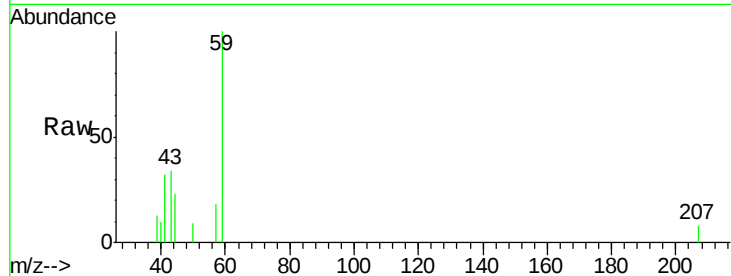
#11
Tert butvl alcohol
Concen: 22.47 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	9.3	13.9#

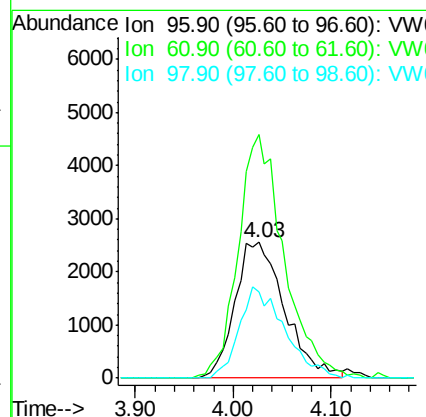
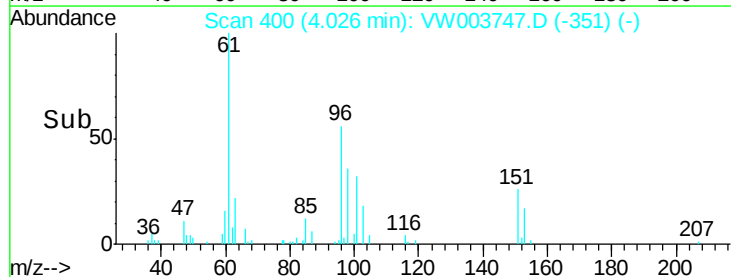
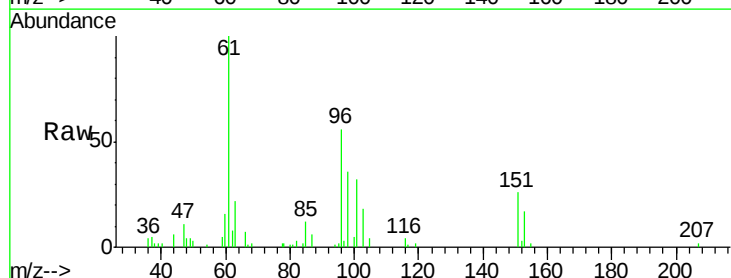
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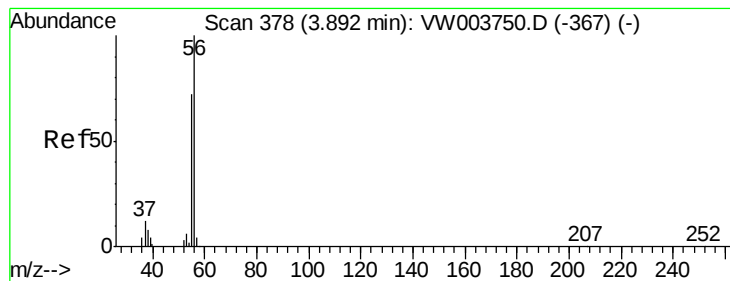
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#12
1,1-Dichloroethene
Concen: 4.76 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.3	143.2	214.8
98	63.9	51.4	77.0





#13

Acrolein

Concen: 45.68 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tot Ion: 56 Resp: 4353

Ion Ratio Lower Upper

56 100

55 75.1 57.5 86.3

Instrument :

MSVOA_W

ClientSampleId :

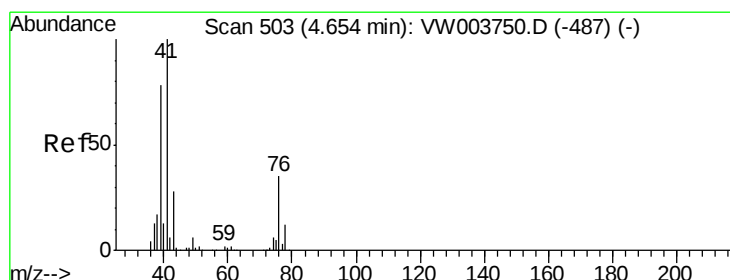
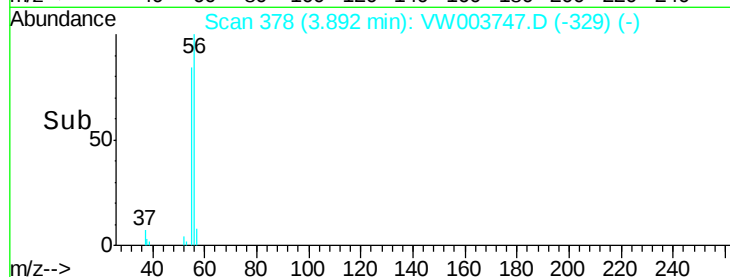
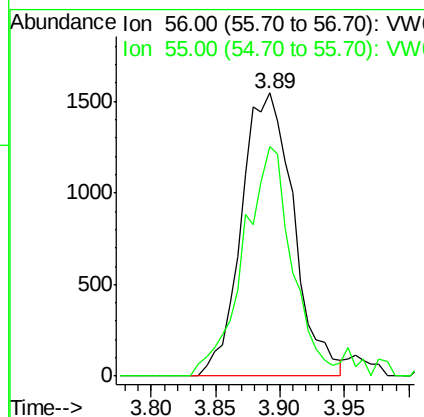
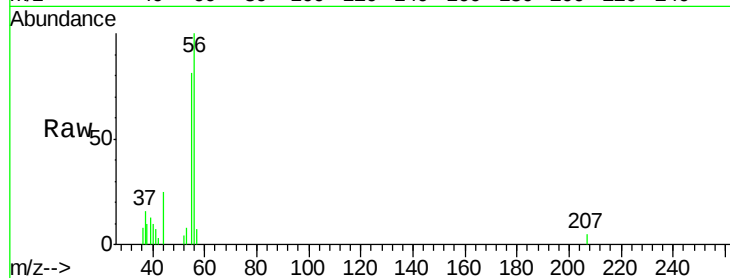
VSTDCCC005

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#14

Allyl chloride

Concen: 4.20 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

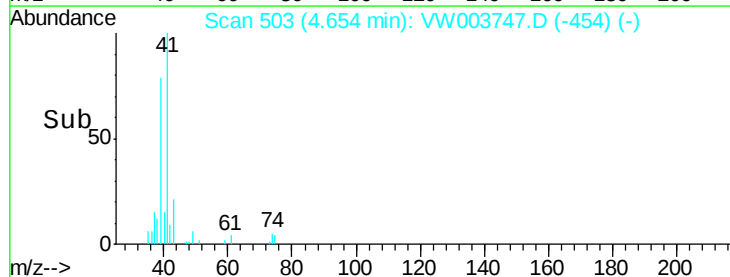
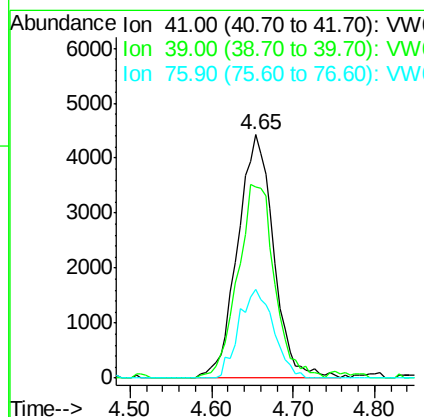
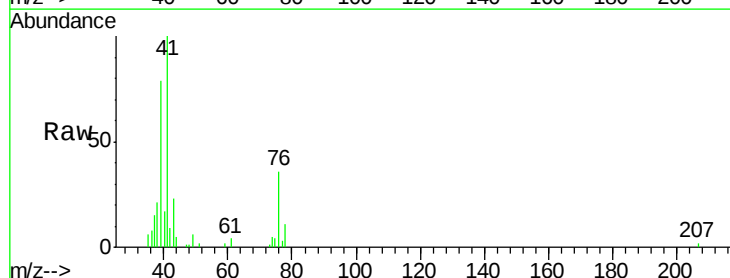
Tgt Ion: 41 Resp: 13583

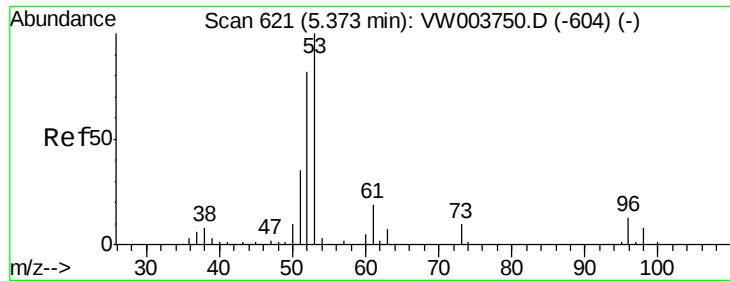
Ion Ratio Lower Upper

41 100

39 81.1 60.9 91.3

76 35.1 27.5 41.3





#15

Acrylonitrile

Concen: 21.83 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

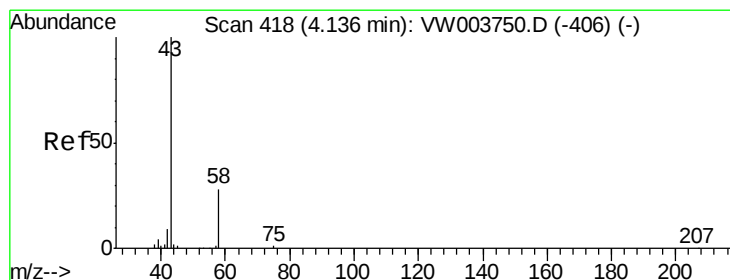
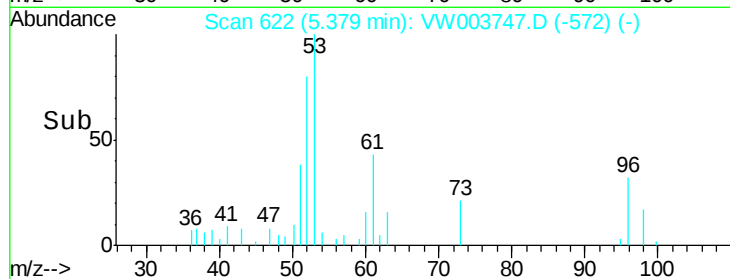
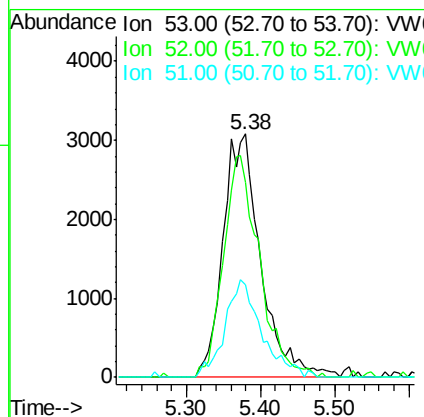
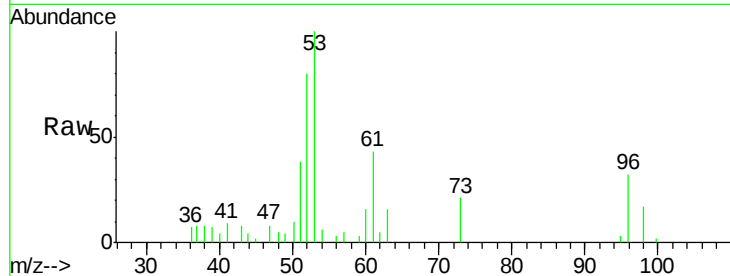
ClientSampled :

VSTDCCC005

Tot Ion:	53	Resp:	10889
Ion	Ratio	Lower	Upper
53	100		
52	87.2	66.2	99.2
51	38.8	30.2	45.4

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#16

Acetone

Concen: 20.10 ug/l

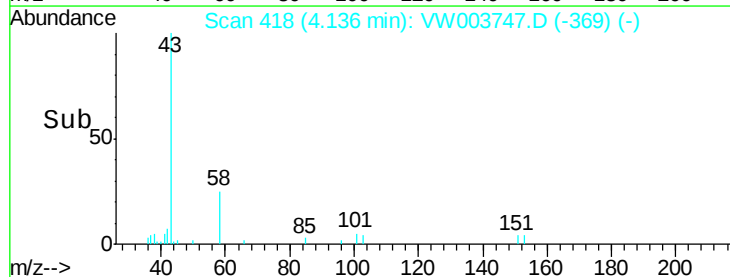
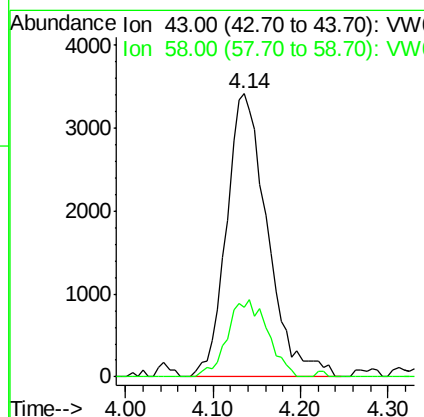
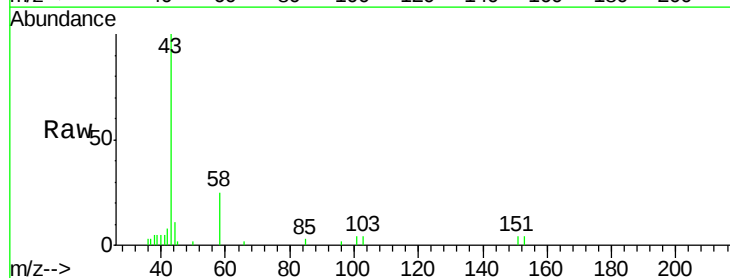
RT: 4.14 min Scan# 418

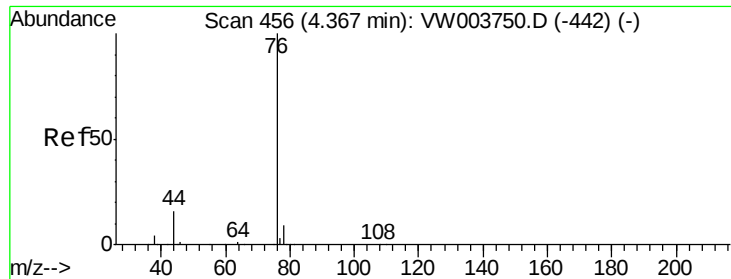
Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion:	43	Resp:	11141
Ion	Ratio	Lower	Upper
43	100		
58	24.8	22.6	34.0





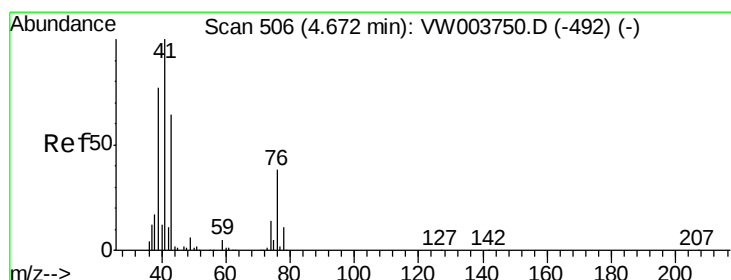
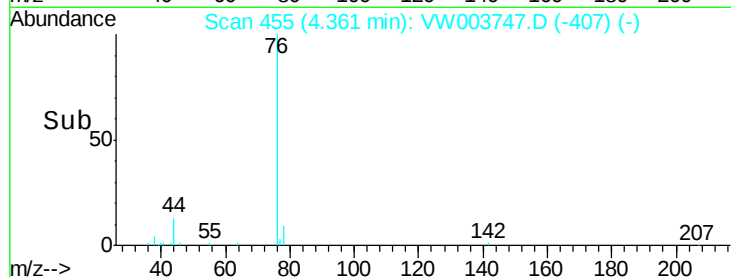
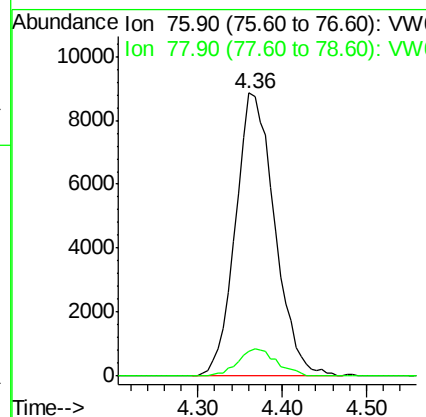
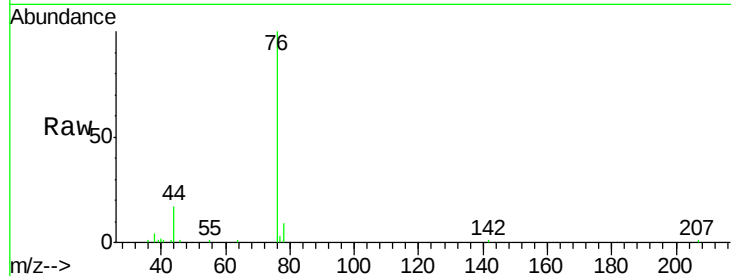
#17
Carbon Disulfide
Concen: 4.93 ug/l
RT: 4.36 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion	76	Resp	27973
Ion Ratio	Lower	Upper	
76	100		
78	8.6	7.4	11.2

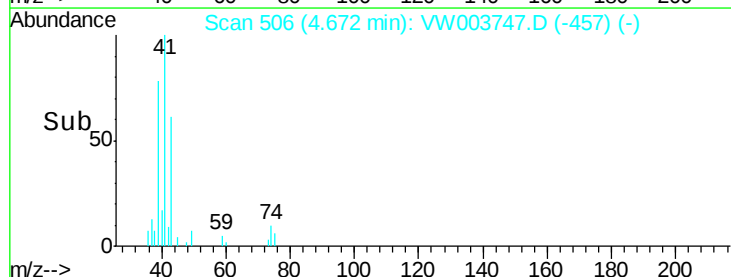
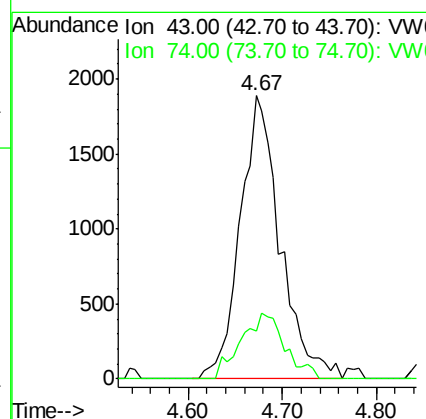
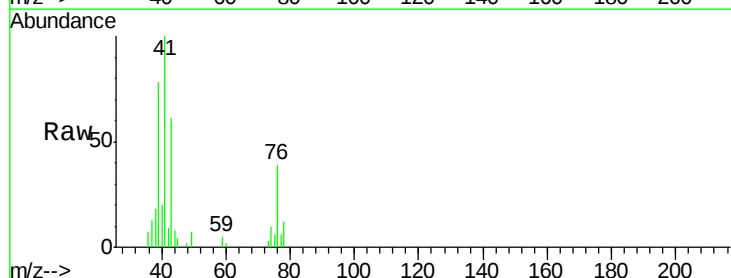
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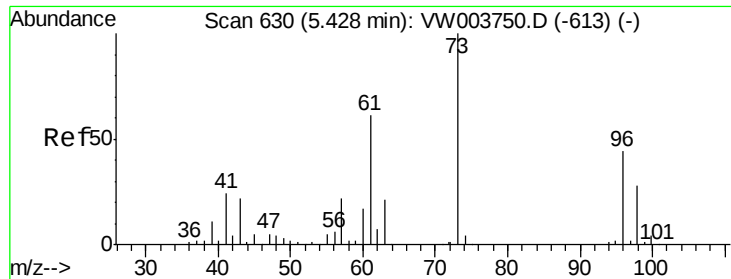
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#18
Methyl Acetate
Concen: 4.07 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	43	Resp	5603
Ion Ratio	Lower	Upper	
43	100		
74	25.5	17.3	25.9





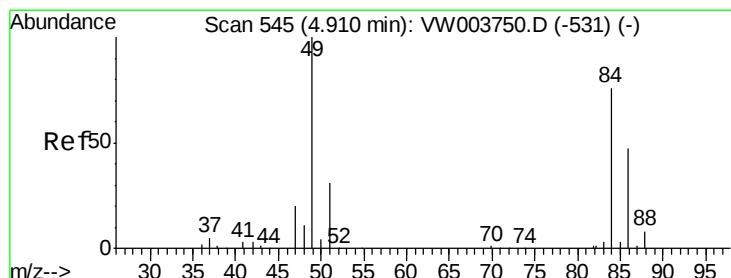
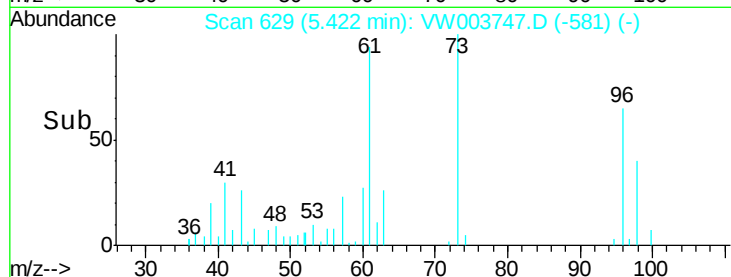
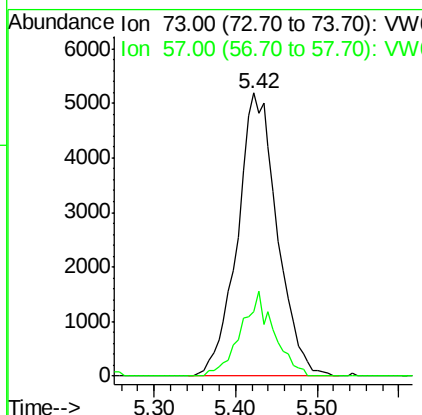
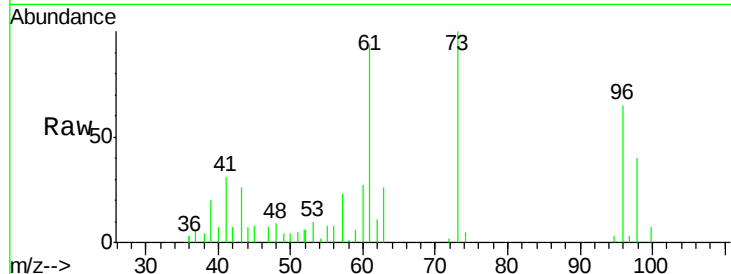
#19
Methvl tert-butvl Ether
Concen: 4.69 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion: 73 Resp: 17584
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9

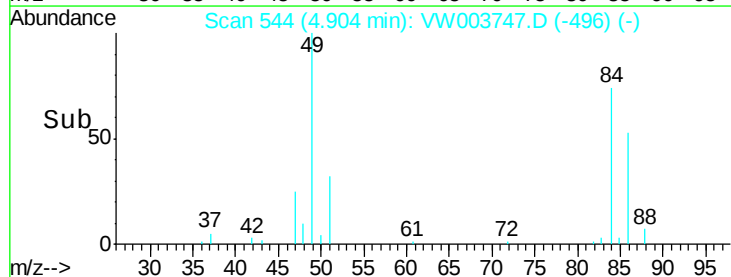
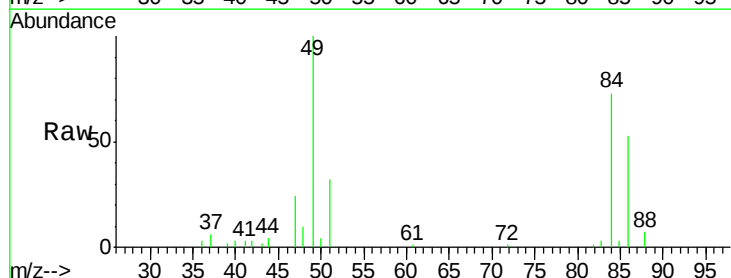
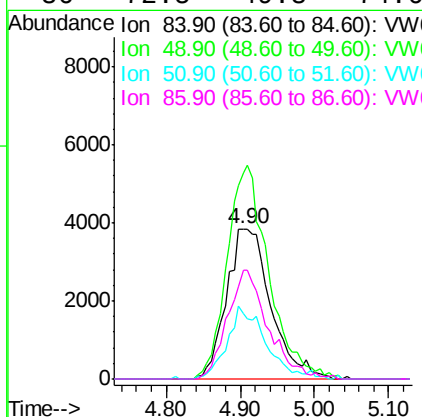
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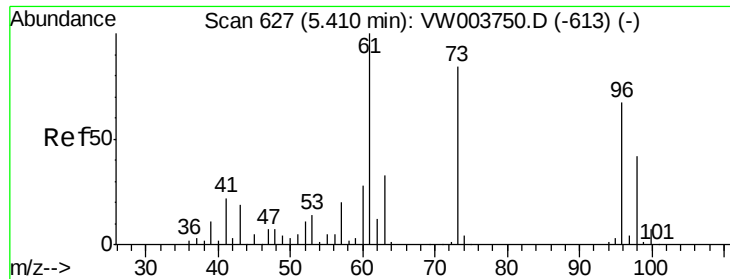
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#20
Methylene Chloride
Concen: 6.23 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 84 Resp: 15983
Ion Ratio Lower Upper
84 100
49 137.8 105.1 157.7
51 43.5 32.5 48.7
86 72.5 49.8 74.6





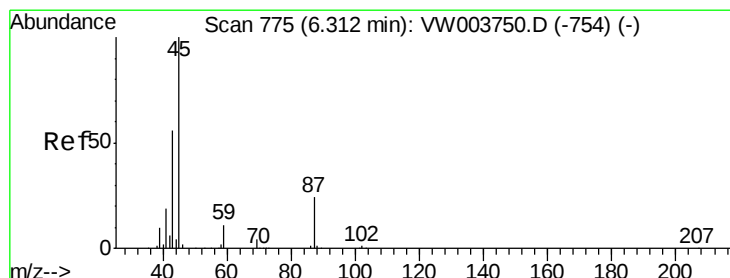
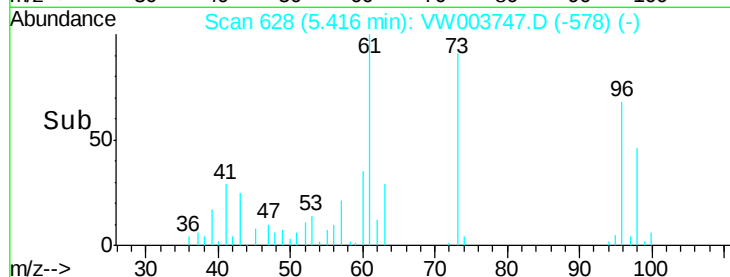
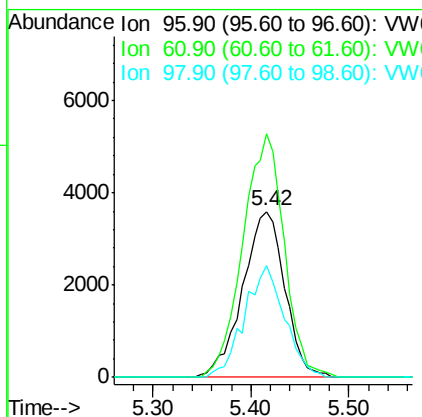
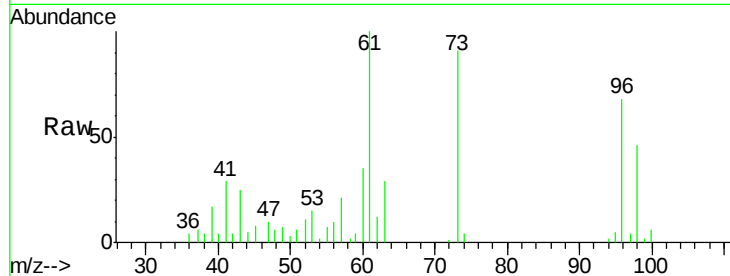
#21
trans-1,2-Dichloroethene
Concen: 5.18 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.5	119.0	178.6
98	67.6	49.8	74.8

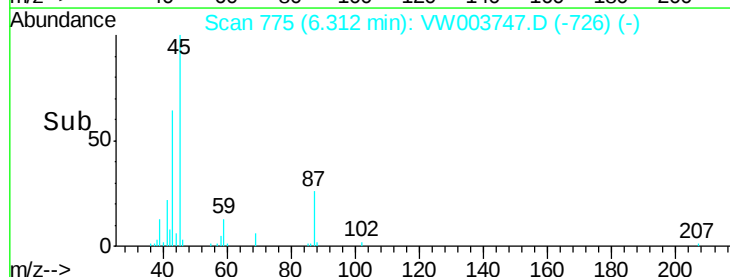
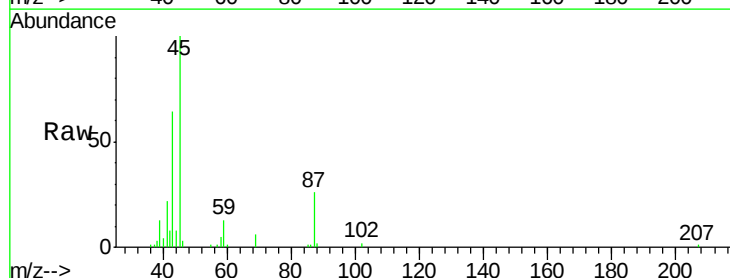
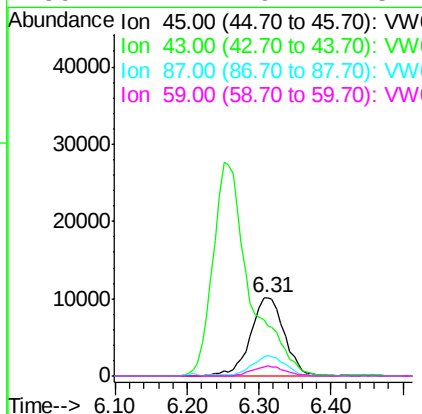
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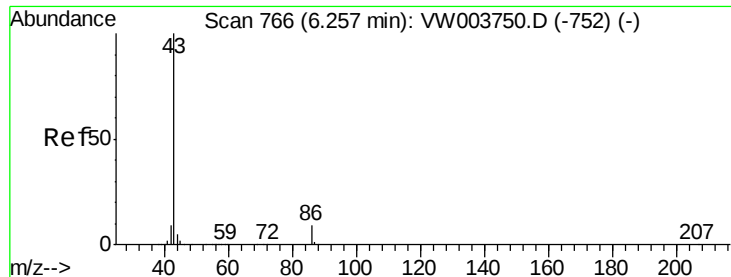
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#22
Diisopropyl ether
Concen: 4.95 ug/l
RT: 6.31 min Scan# 775
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.4	44.5	66.7
87	25.9	19.6	29.4
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 23.94 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

Tot Ion: 43 Resp: 97980

Ion Ratio Lower Upper

43 100

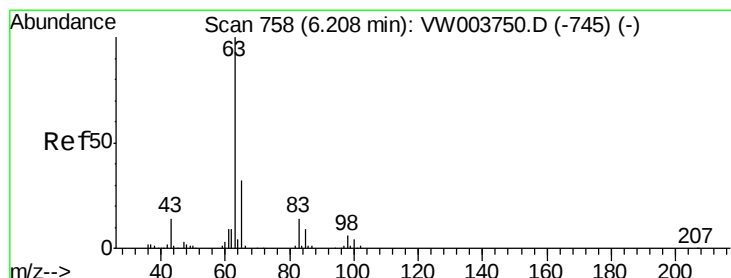
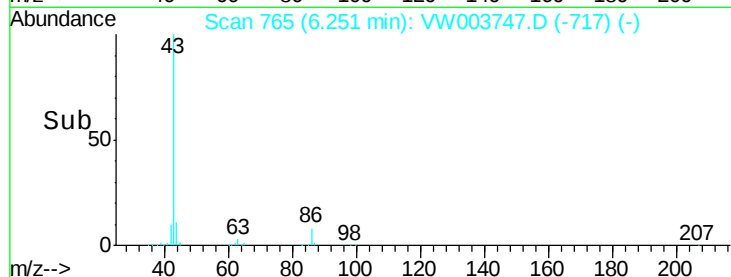
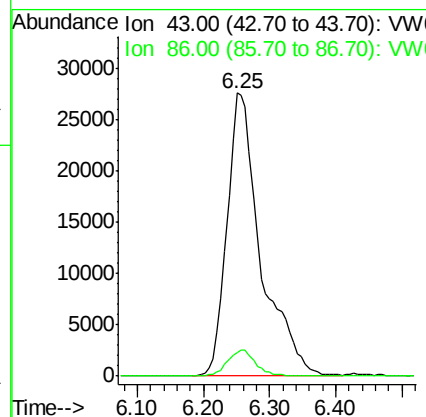
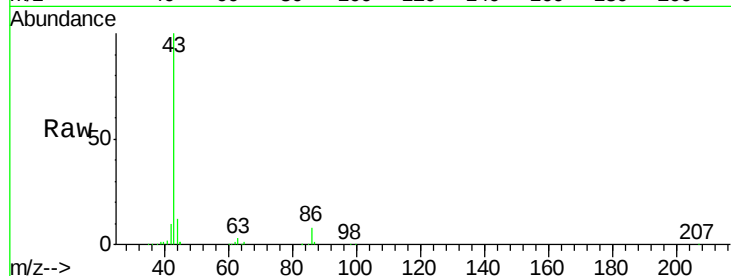
86 8.3 7.3 10.9

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#24

1,1-Dichloroethane

Concen: 5.83 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

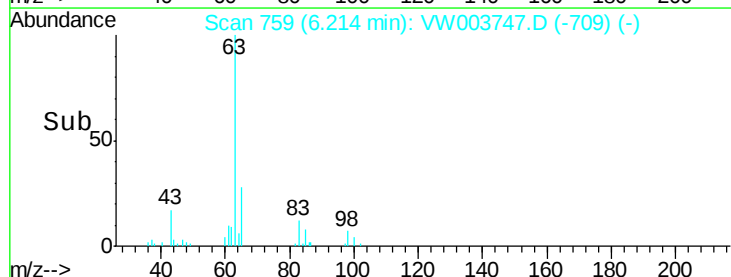
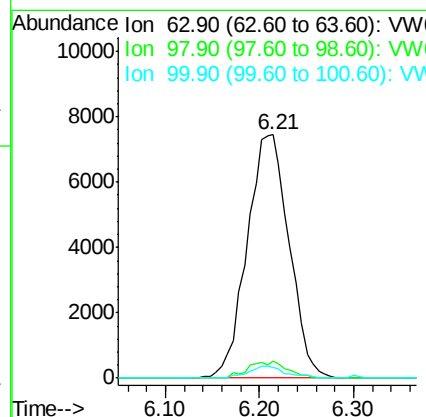
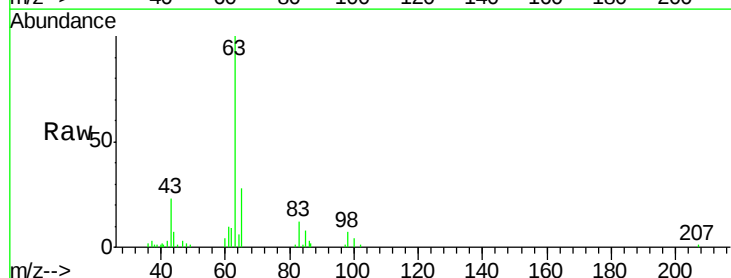
Tgt Ion: 63 Resp: 23263

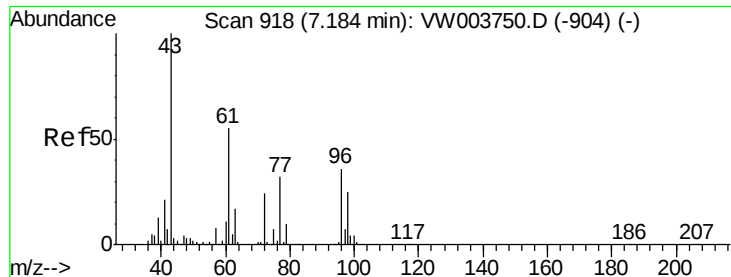
Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 24.36 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC005

Tot Ion: 43 Resp: 17699

Ion Ratio Lower Upper

43 100

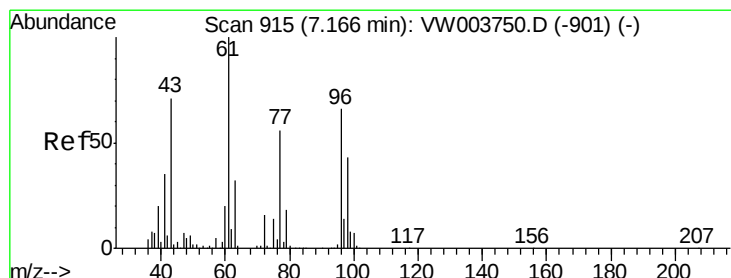
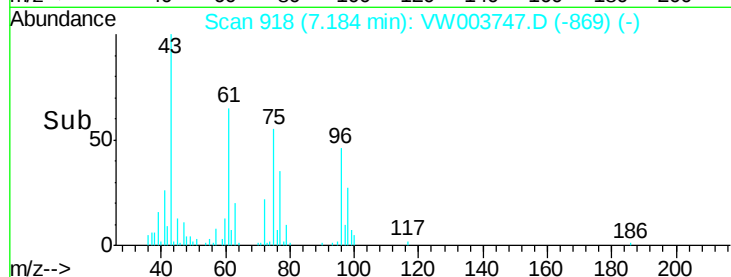
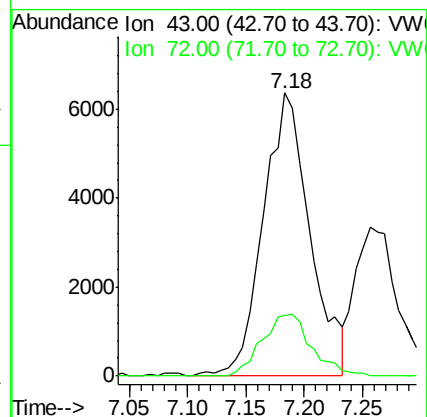
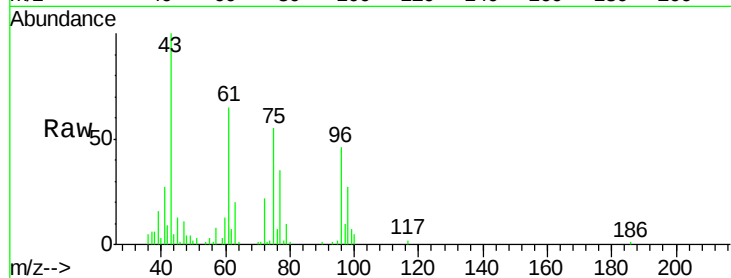
72 21.6 19.4 29.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.55 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003747.D

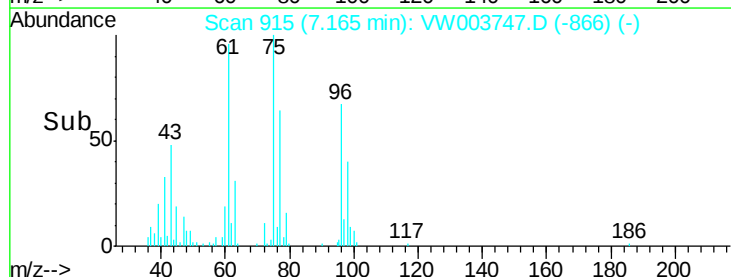
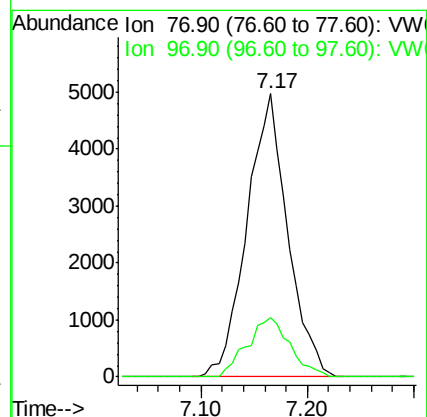
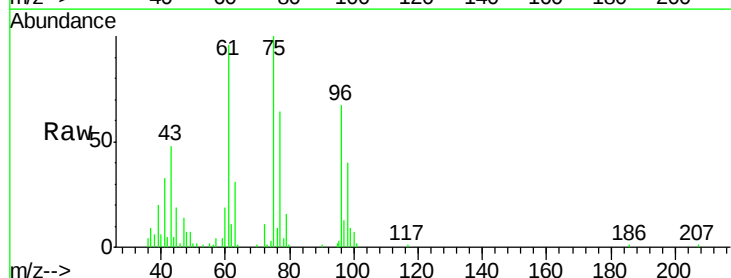
Acq: 06 Jul 2018 22:48

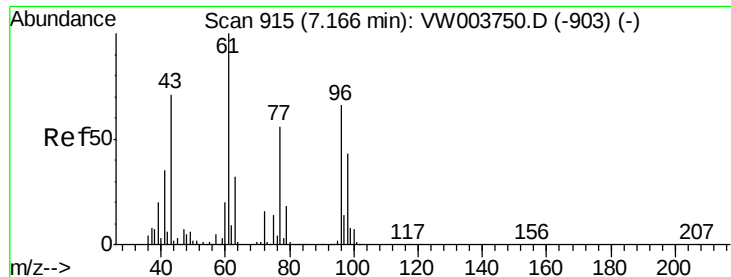
Tgt Ion: 77 Resp: 13342

Ion Ratio Lower Upper

77 100

97 22.0 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 5.67 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

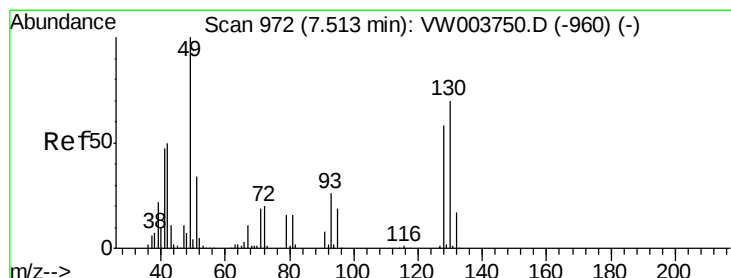
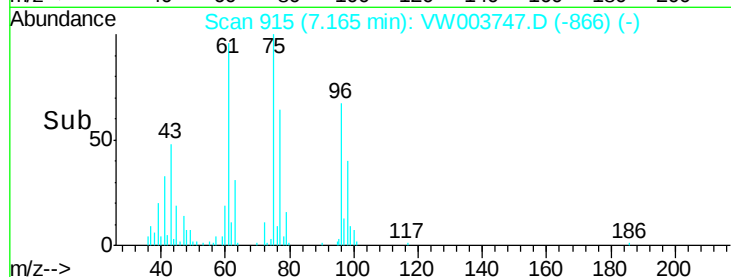
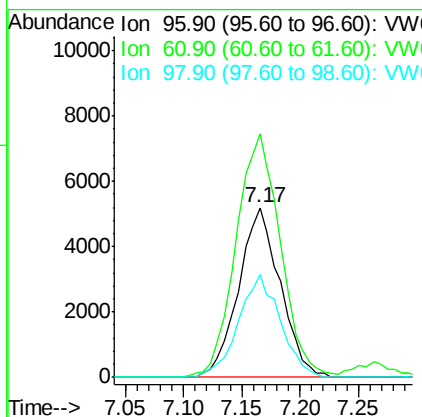
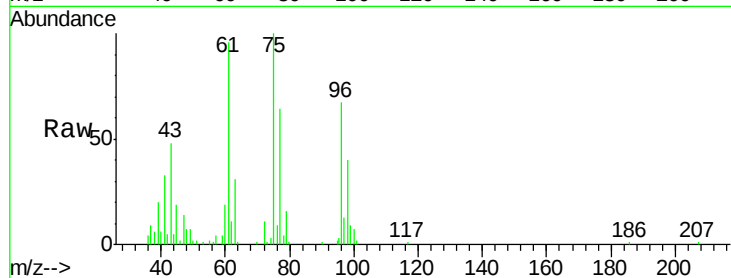
ClientSampleId :

VSTDCCC005

Tot Ion:	96	Resp:	12904
Ion	Ratio	Lower	Upper
96	100		
61	153.3	0.0	300.8
98	60.8	0.0	128.6

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#28

Bromochloromethane

Concen: 6.17 ug/l

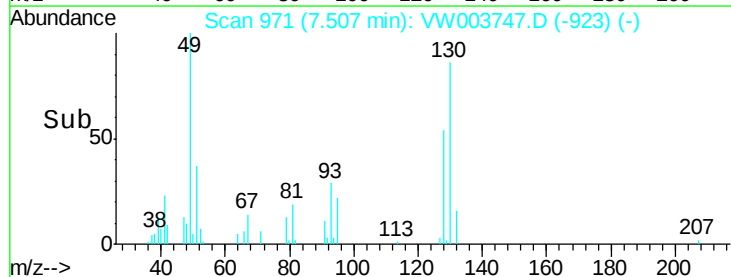
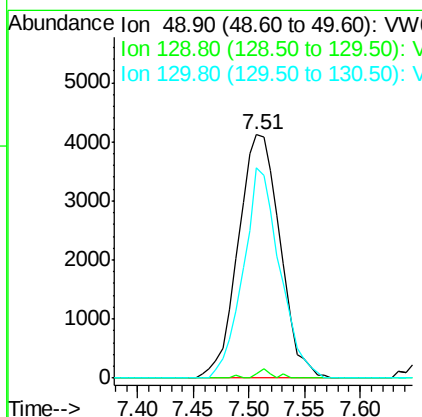
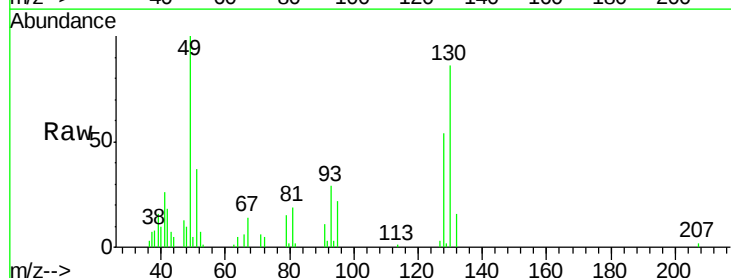
RT: 7.51 min Scan# 971

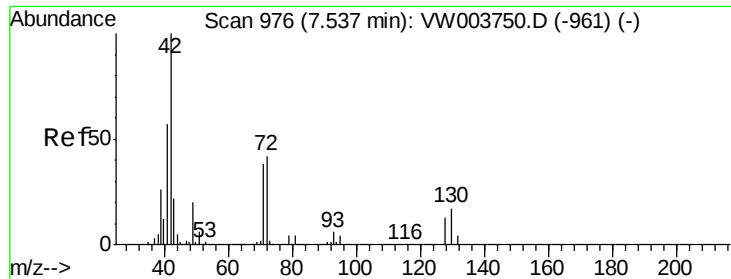
Delta R.T. -0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion:	49	Resp:	10764
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.4
130	75.6	56.9	85.3





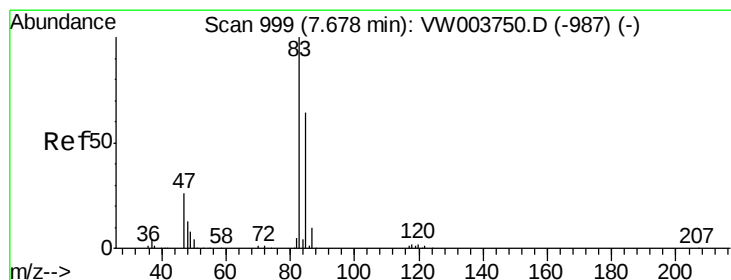
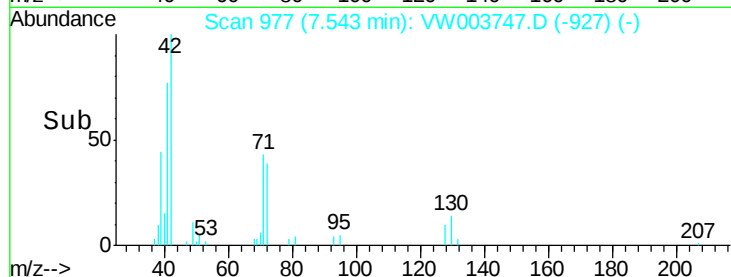
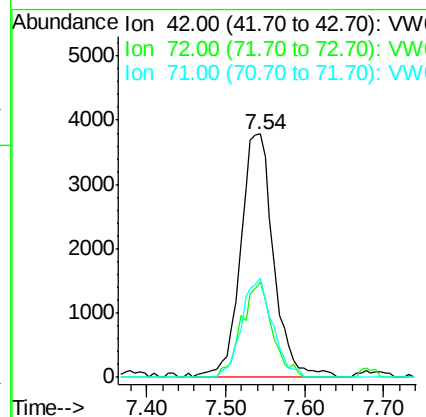
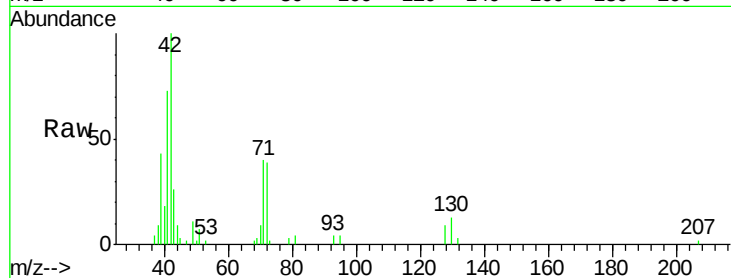
#29
Tetrahydrofuran
Concen: 25.08 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.0	31.8	47.8
71	37.8	30.3	45.5

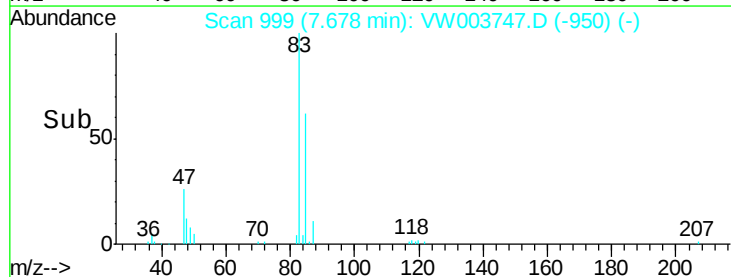
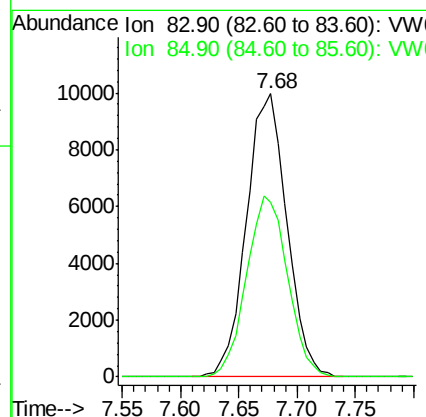
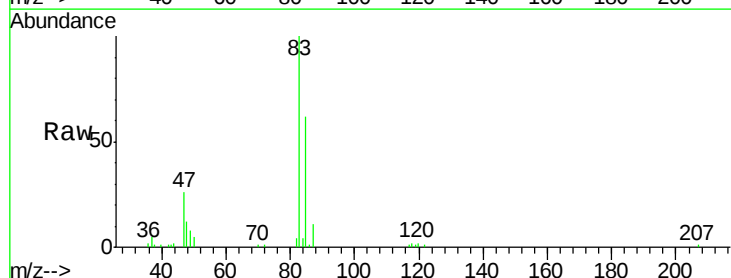
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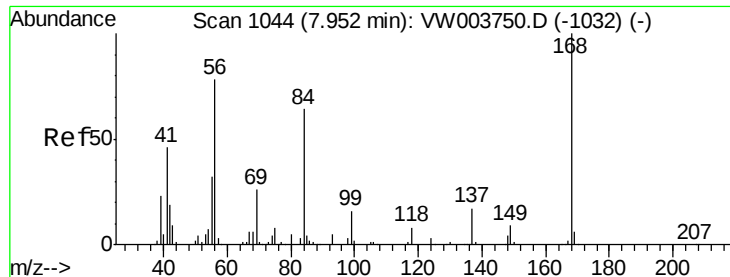
apatel
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#30
Chloroform
Concen: 5.96 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.5	77.3





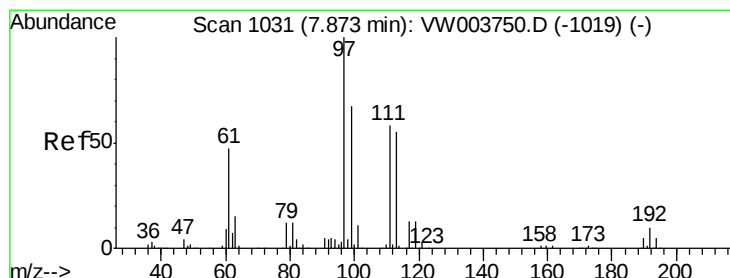
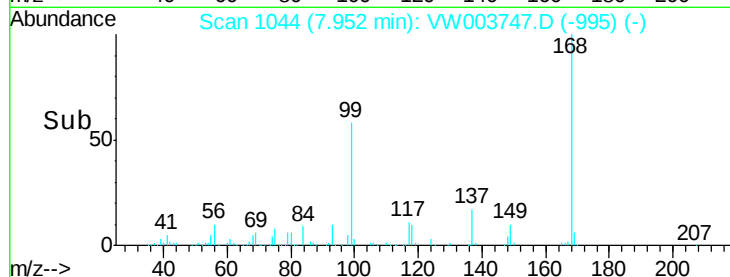
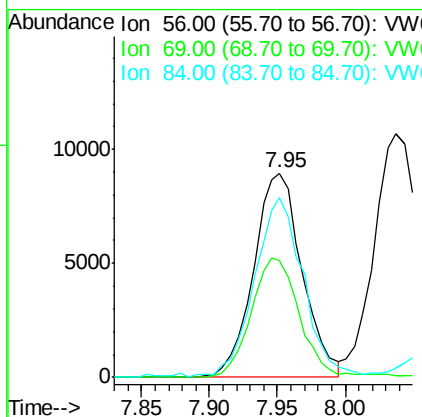
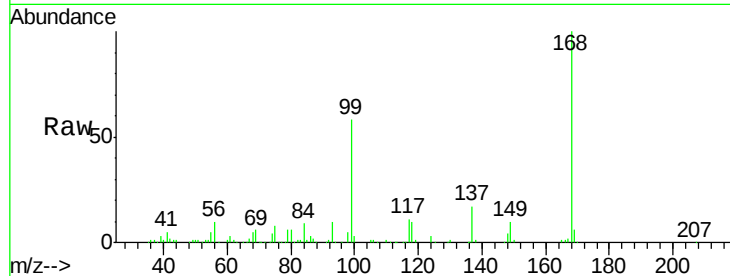
#31
Cyclohexane
Concen: 6.16 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	57.1	26.2	39.4#
84	87.8	65.5	98.3

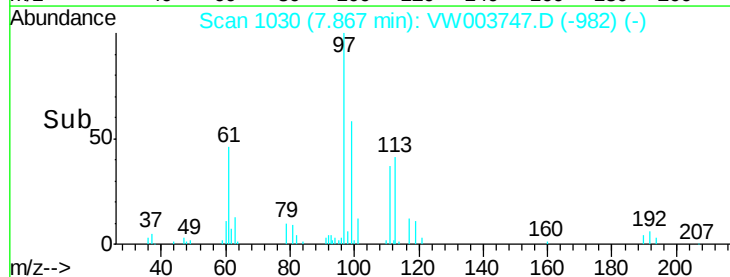
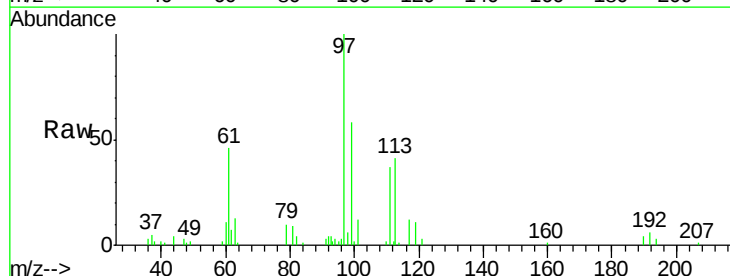
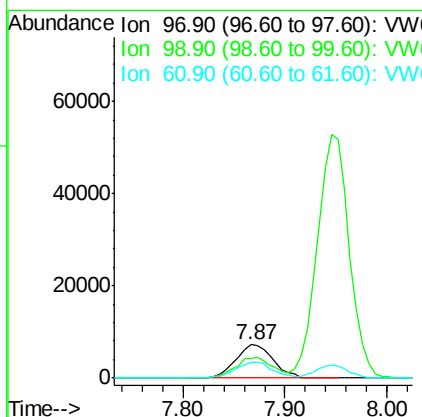
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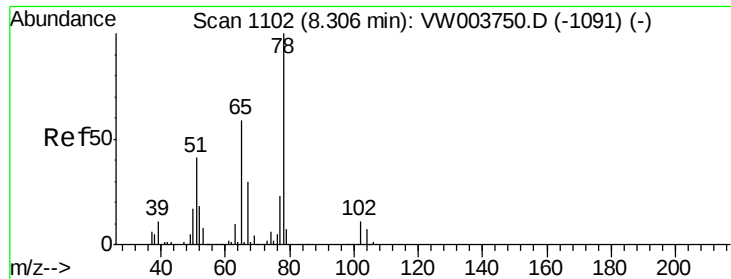
apatel
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#32
1,1,1-Trichloroethane
Concen: 5.86 ug/l
RT: 7.87 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.2	76.8
61	47.1	37.6	56.4





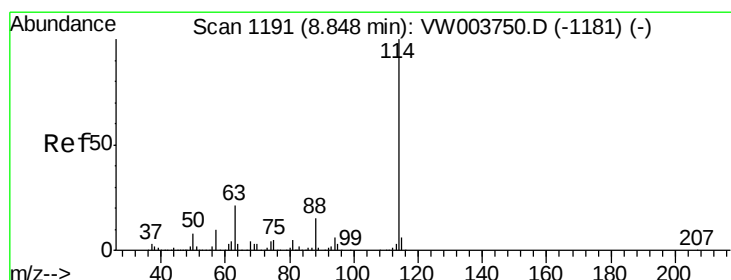
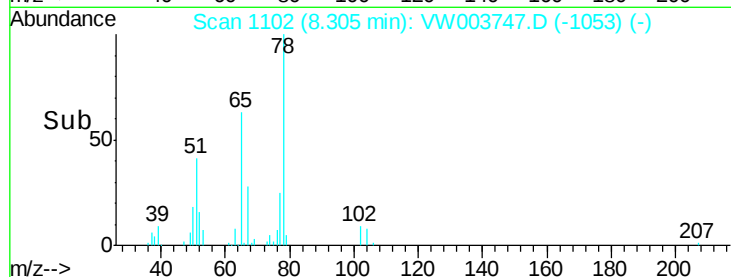
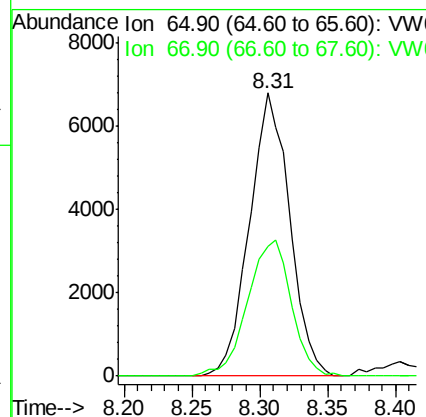
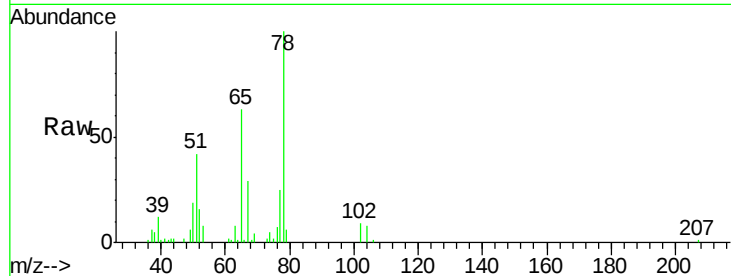
#33
 1,2-Dichloroethane-d4
 Concen: 5.89 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.8

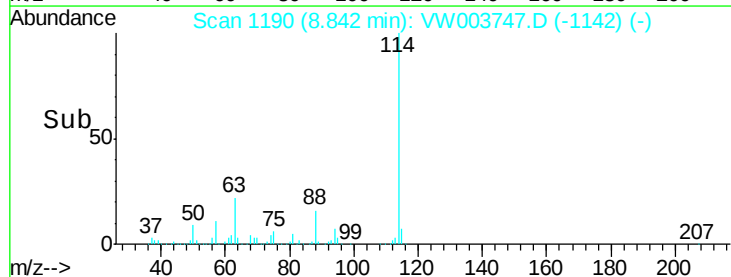
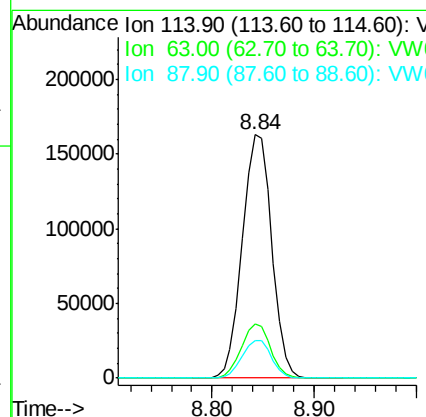
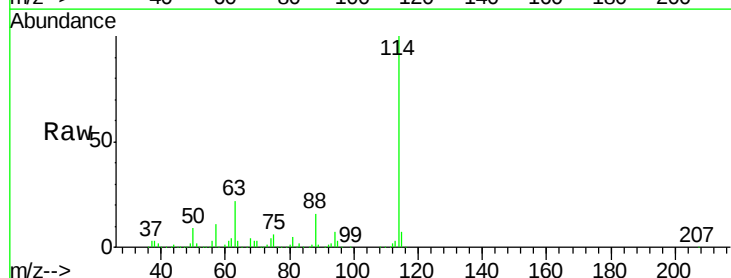
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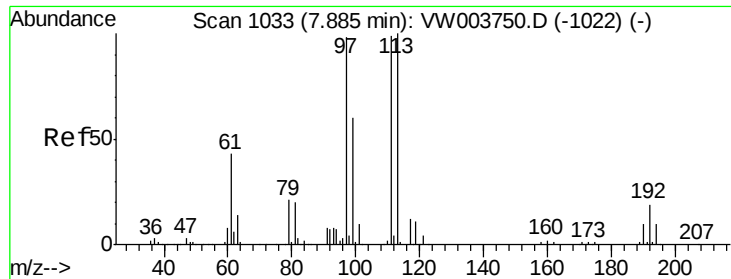
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.8
88	15.7	0.0	30.2





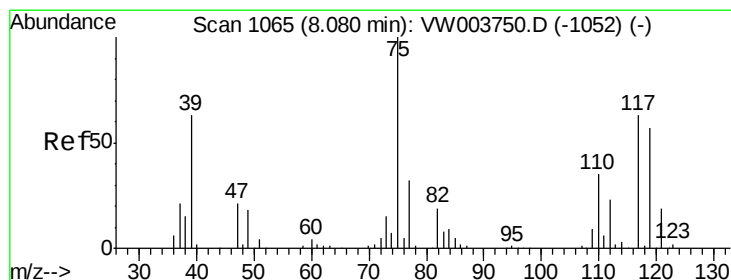
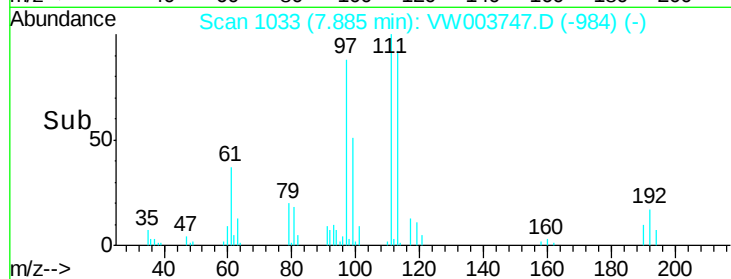
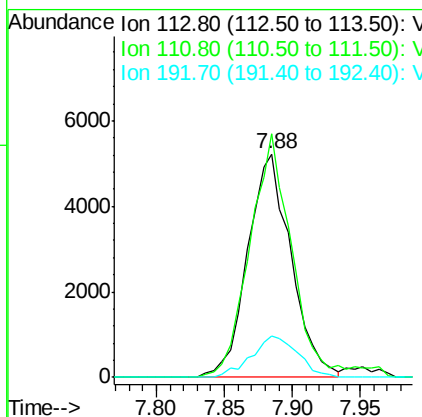
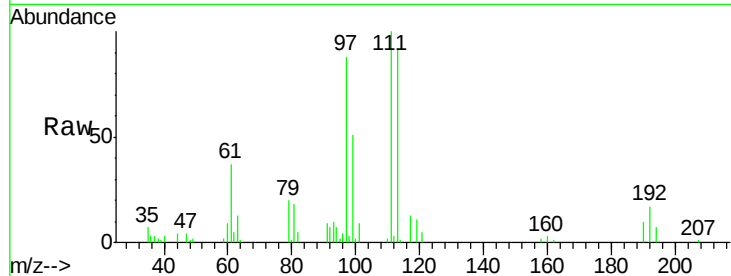
#35
 Dibromofluoromethane
 Concen: 5.43 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	107.8	81.7	122.5
192	19.7	15.8	23.8

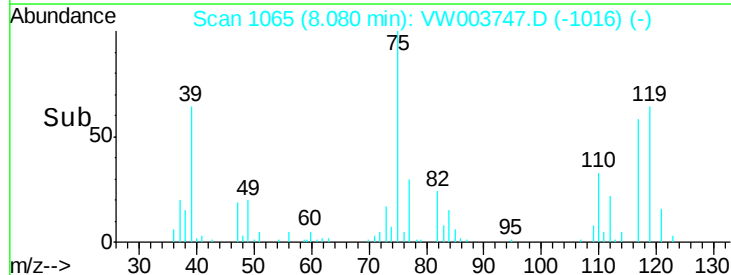
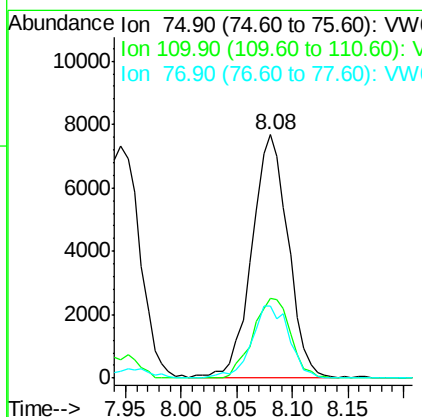
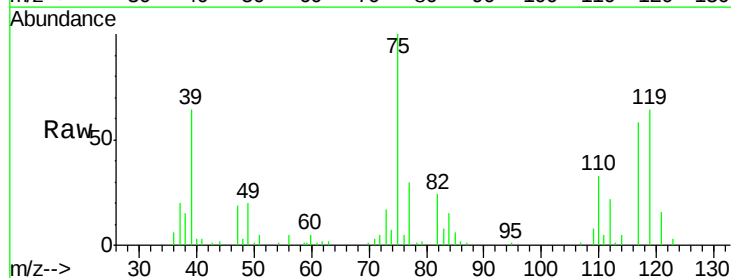
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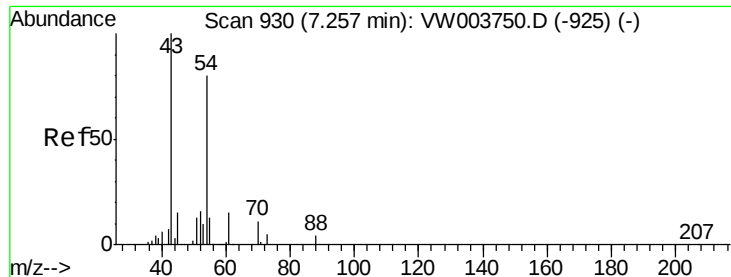
apatel
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#36
 1,1-Dichloropropene
 Concen: 5.29 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.9	50.6
77	30.6	24.8	37.2





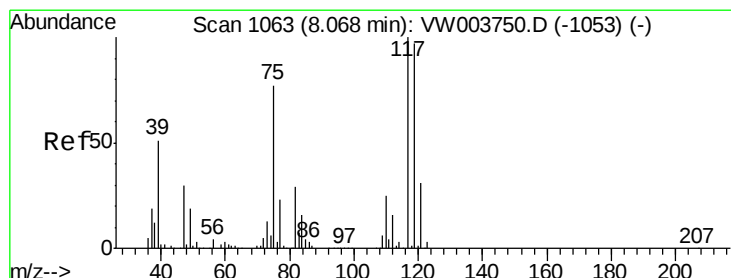
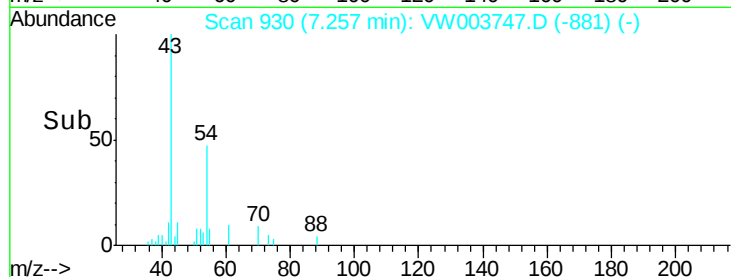
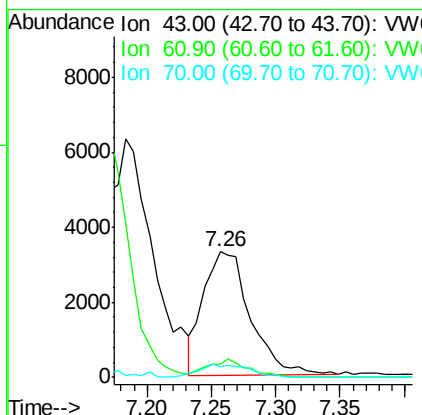
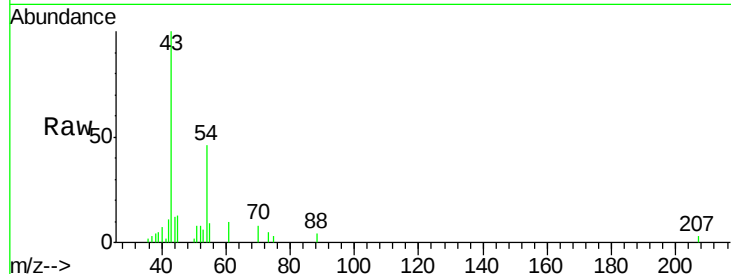
#37
Ethyl Acetate
Concen: 5.17 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.6	15.8
70	11.0	7.5	11.3

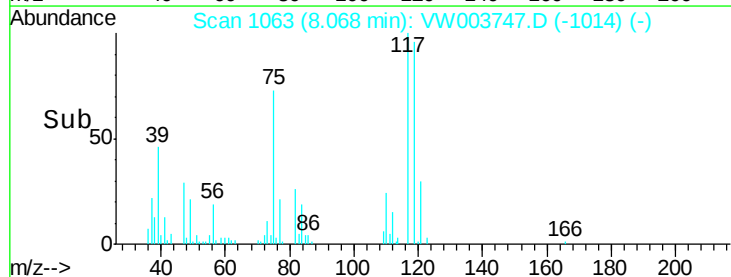
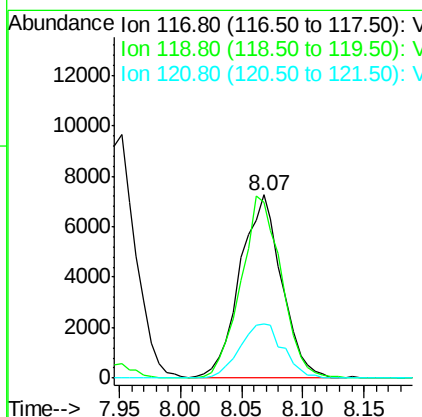
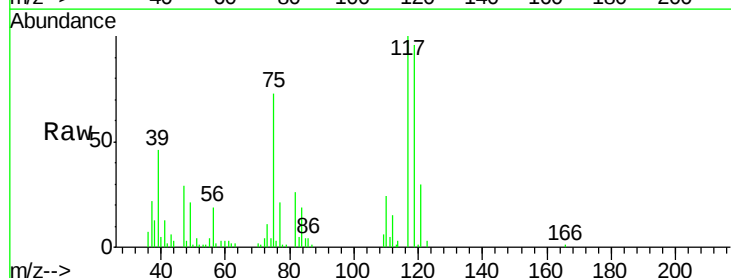
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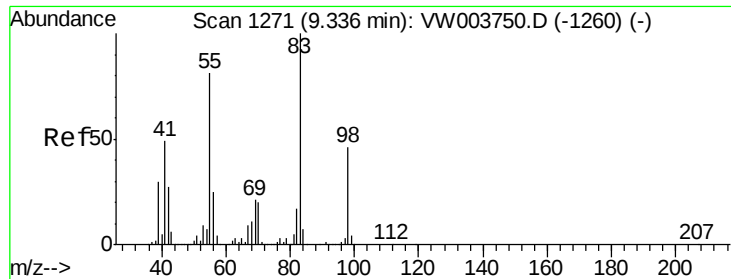
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#38
Carbon Tetrachloride
Concen: 5.48 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.2
121	29.7	24.6	37.0





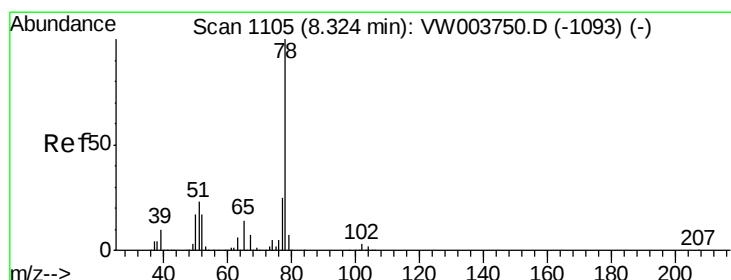
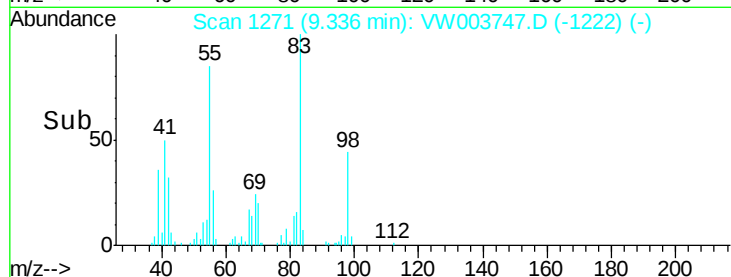
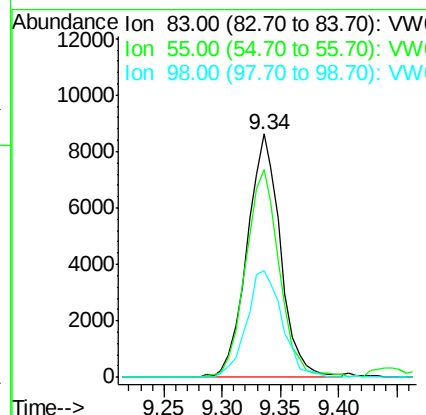
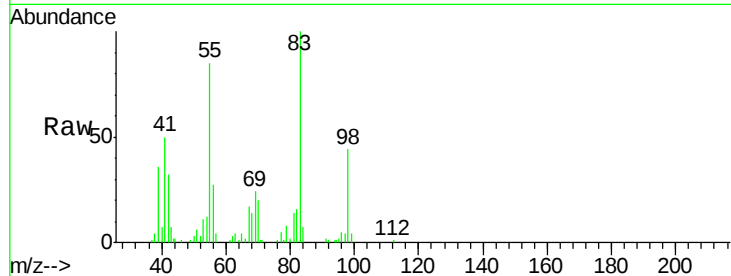
#39
Methvlcvclohexane
Concen: 4.55 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.1	65.1	97.7
98	44.0	36.7	55.1

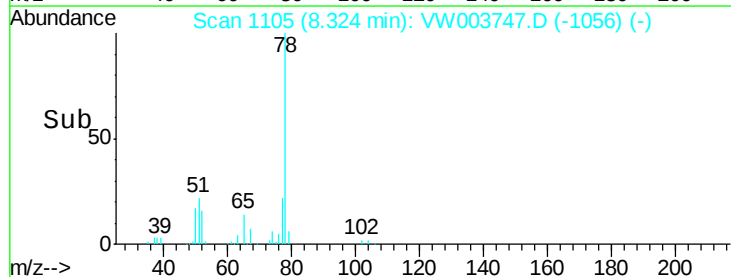
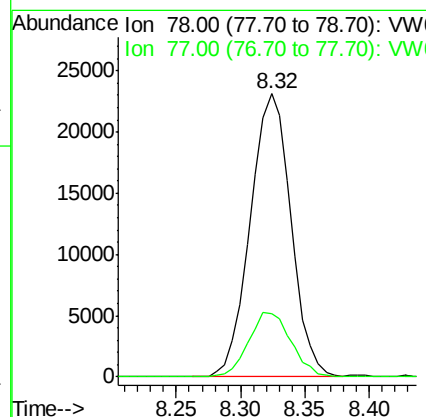
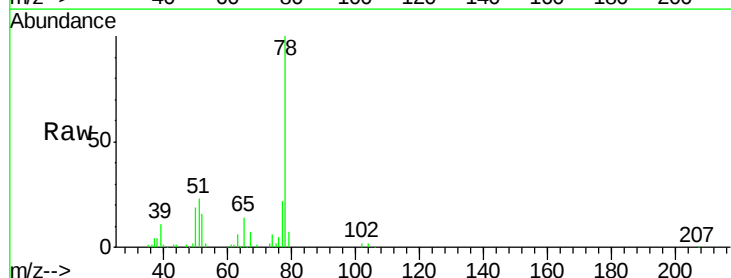
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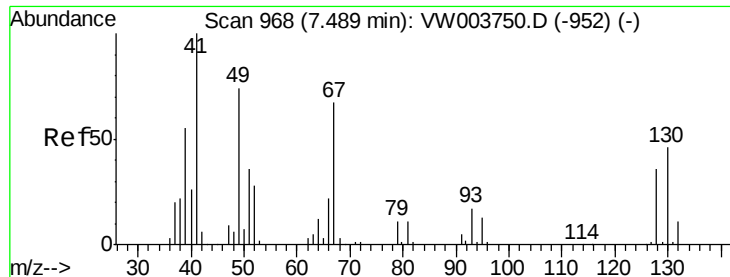
apatel
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#40
Benzene
Concen: 5.43 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.7	29.5





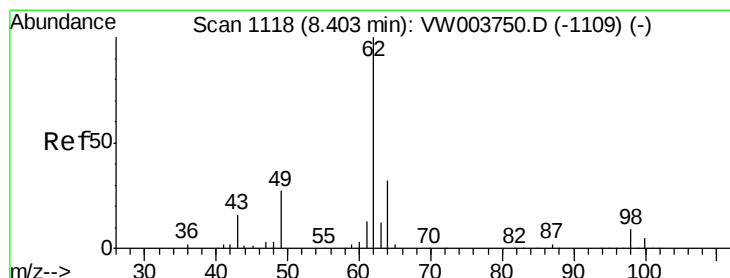
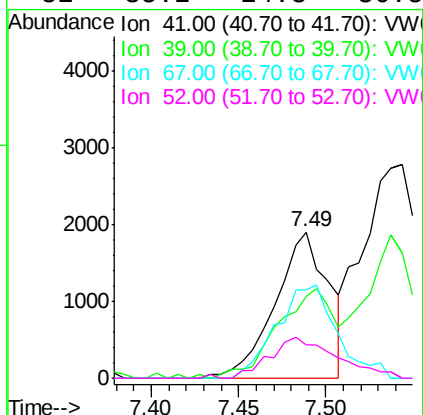
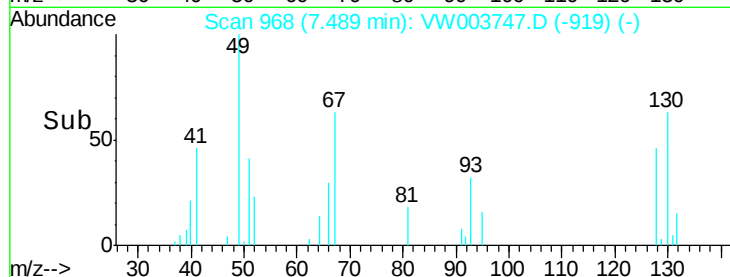
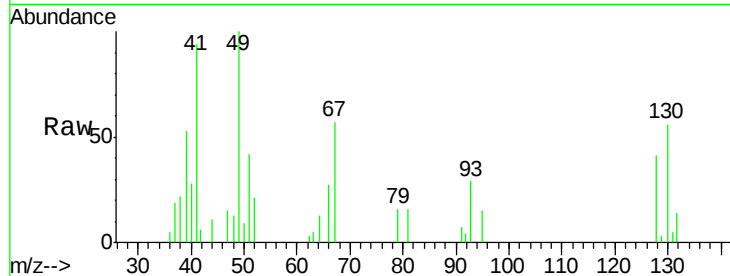
#41
Methacrylonitrile
Concen: 4.39 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion:	41	Resp:	4066
Ion	Ratio	Lower	Upper
41	100		
39	63.9	49.5	74.3
67	72.0	53.8	80.8
52	35.2	24.3	36.5

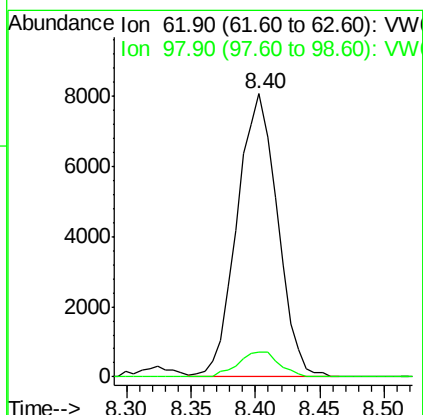
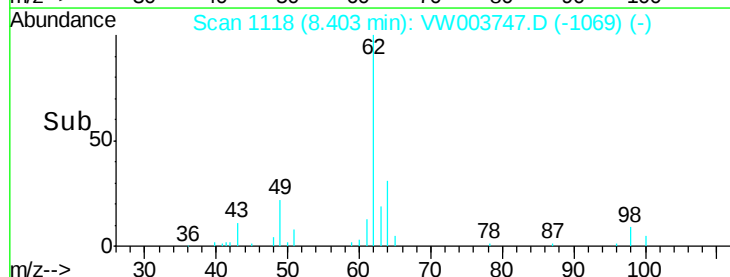
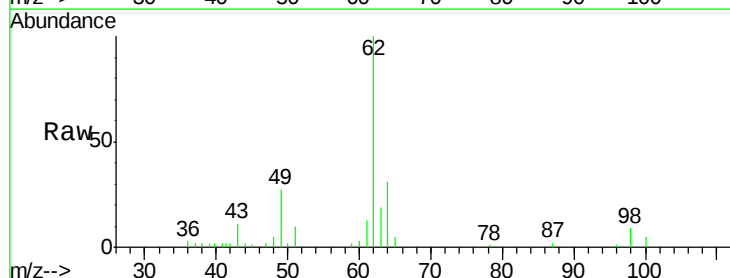
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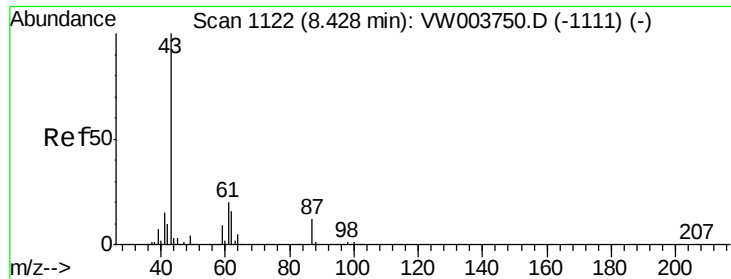
apatel
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#42
1,2-Dichloroethane
Concen: 5.96 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion:	62	Resp:	17594
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.4





#43

Isopropyl Acetate

Concen: 5.03 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

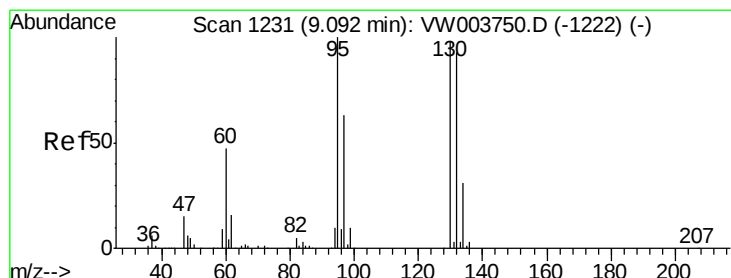
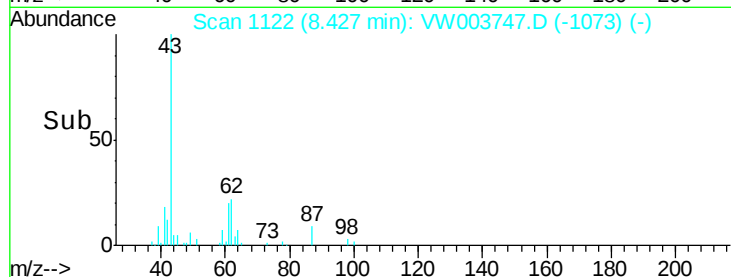
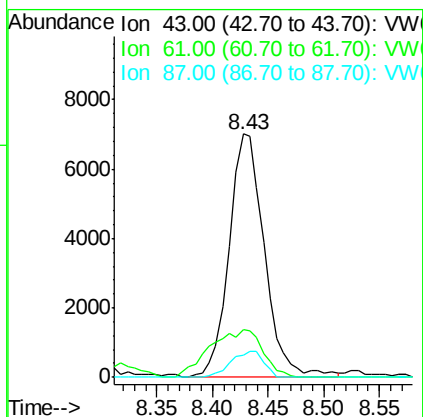
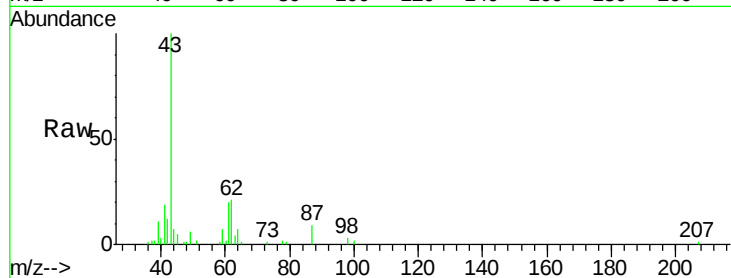
ClientSampled :

VSTDCCC005

Tot Ion:	43	Resp:	15438
Ion	Ratio	Lower	Upper
43	100		
61	29.4	22.8	34.2
87	10.0	9.5	14.3

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#44

Trichloroethene

Concen: 5.21 ug/l

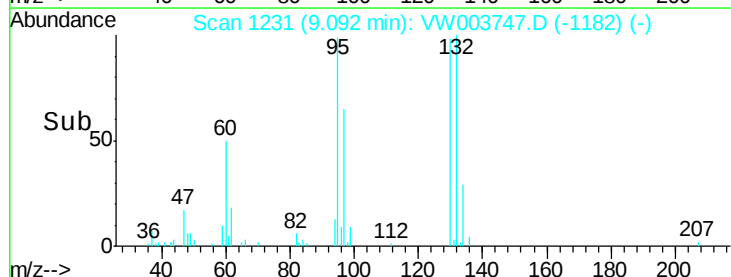
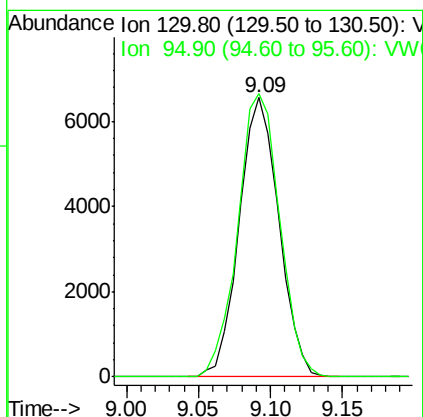
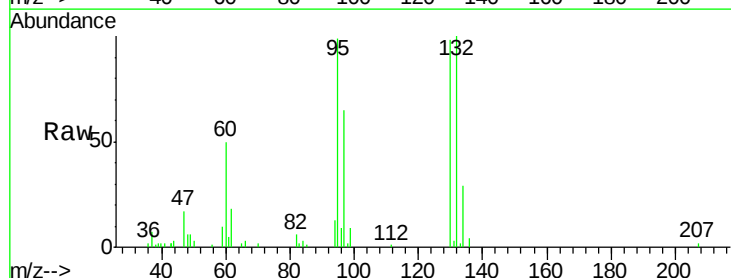
RT: 9.09 min Scan# 1231

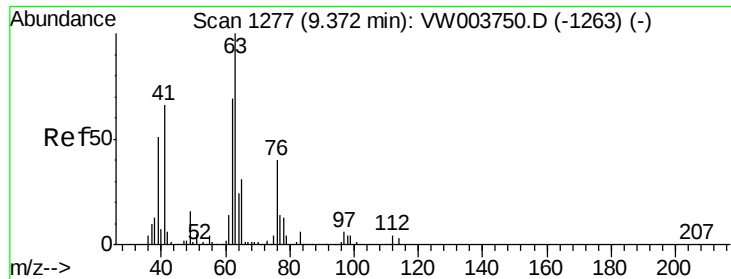
Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion:	130	Resp:	12520
Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	203.8





#45

1,2-Dichloropropane

Concen: 5.44 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

Tot Ion: 63 Resp: 13176

Ion Ratio Lower Upper

63 100

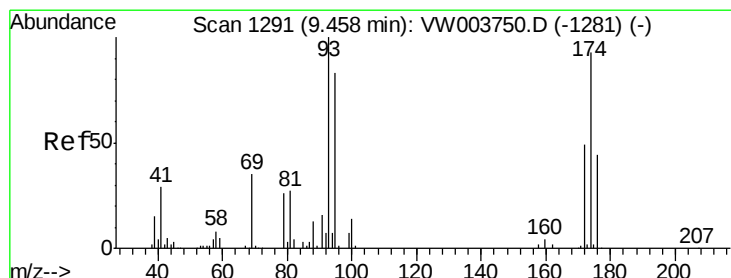
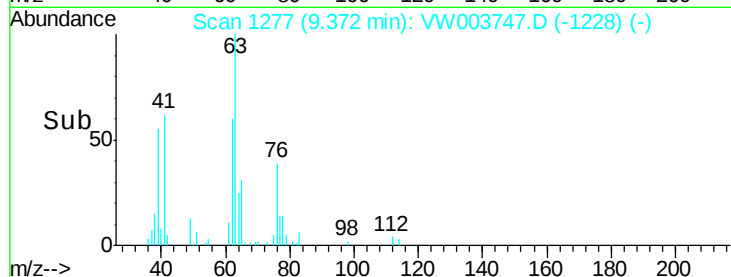
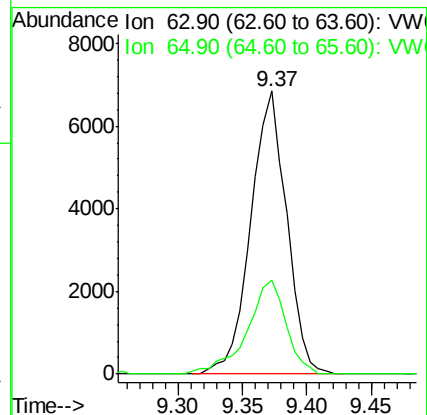
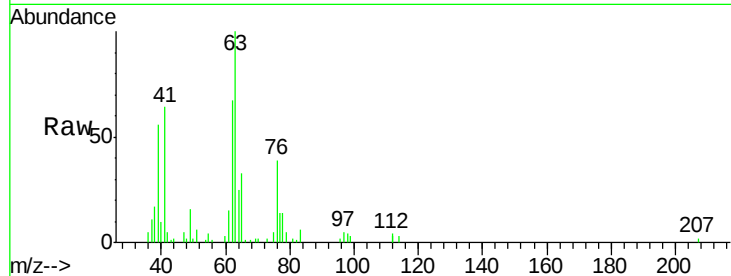
65 33.4 24.9 37.3

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#46

Dibromomethane

Concen: 5.64 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

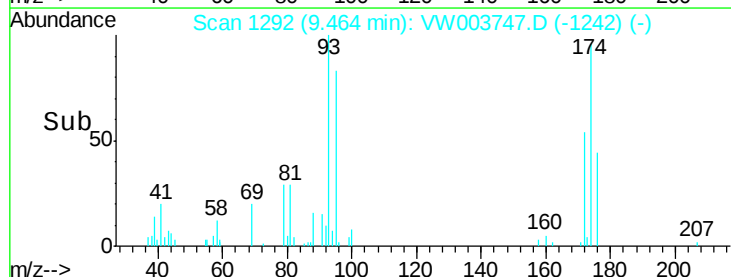
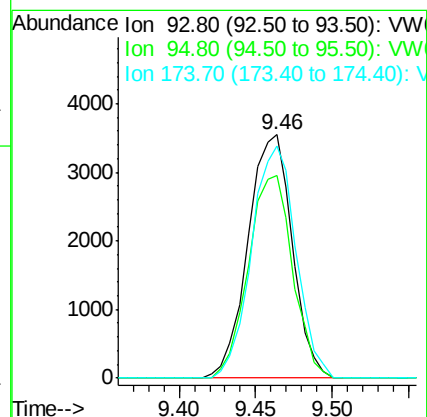
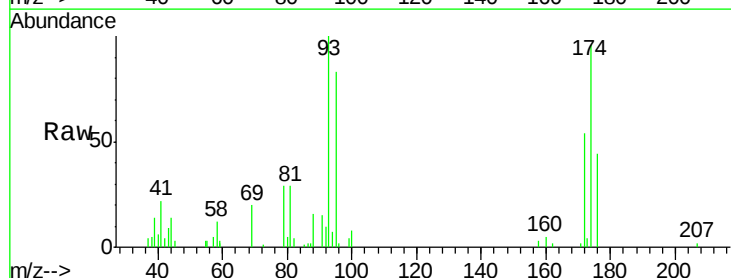
Tgt Ion: 93 Resp: 7133

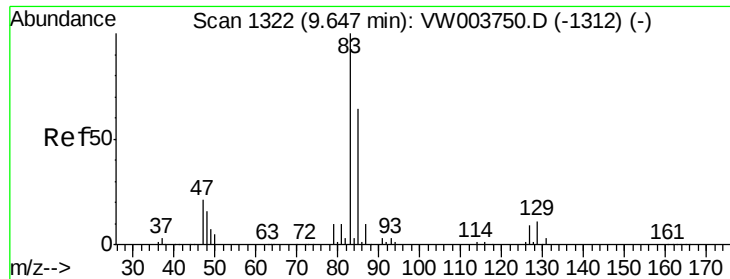
Ion Ratio Lower Upper

93 100

95 83.5 67.2 100.8

174 95.4 78.1 117.1





#47

Bromodichloromethane

Concen: 5.49 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

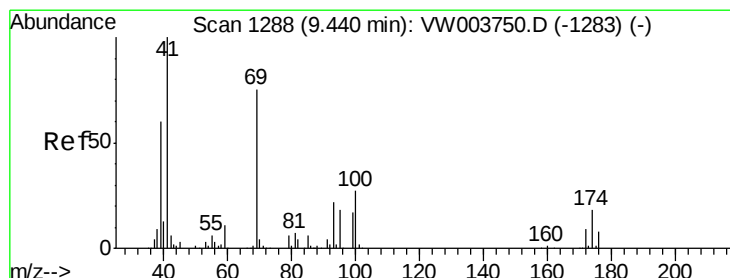
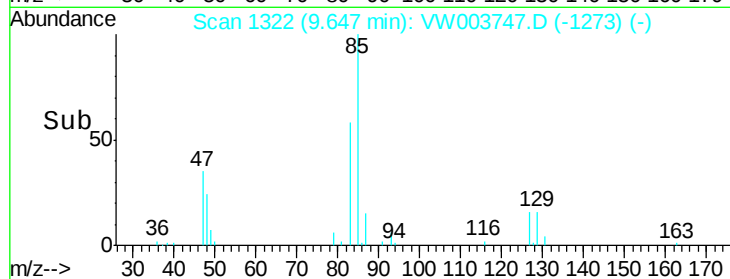
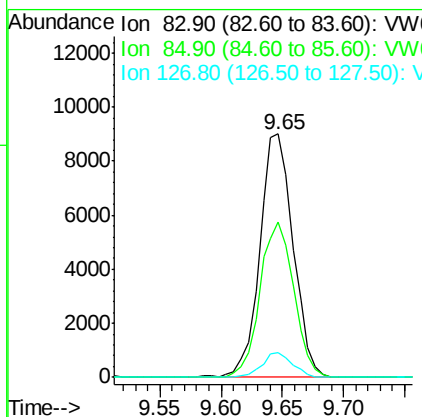
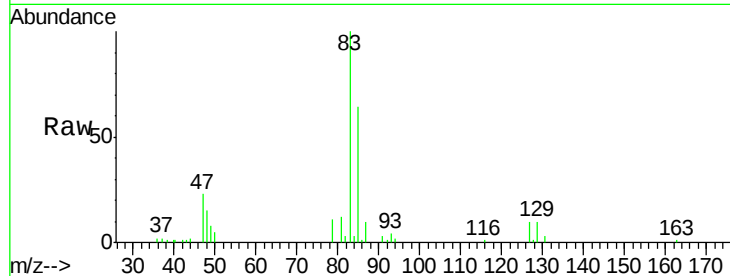
ClientSampleId :

VSTDCCC005

Tot Ion:	83	Resp:	17094
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.0
127	10.3	6.8	10.2#

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#48

Methyl methacrylate

Concen: 4.91 ug/l

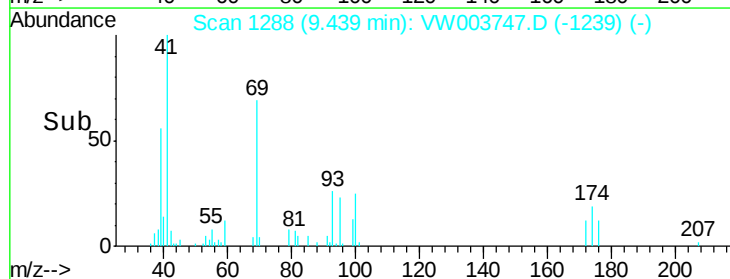
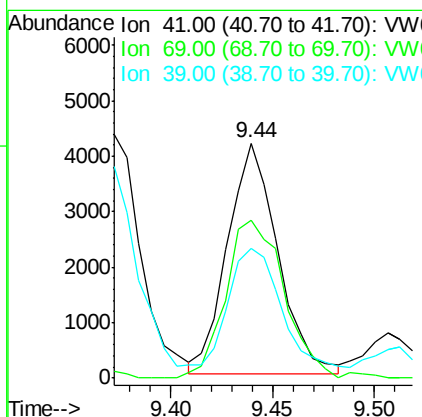
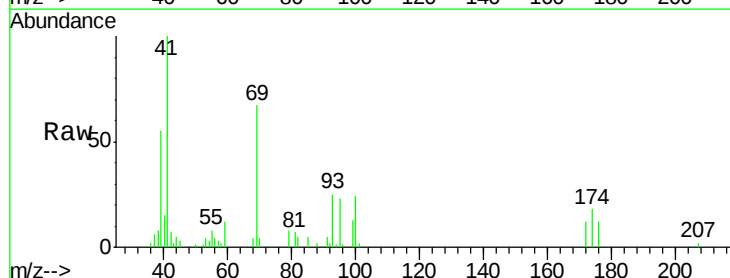
RT: 9.44 min Scan# 1288

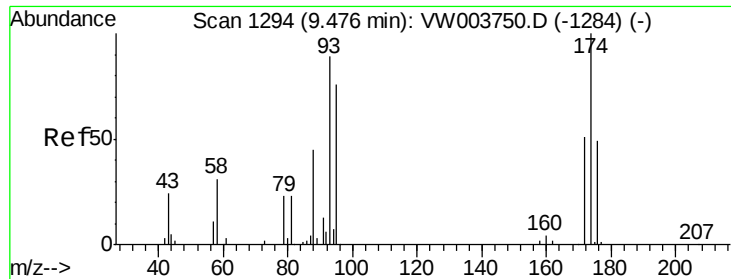
Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion:	41	Resp:	7165
Ion	Ratio	Lower	Upper
41	100		
69	78.7	63.8	95.8
39	64.4	50.2	75.2





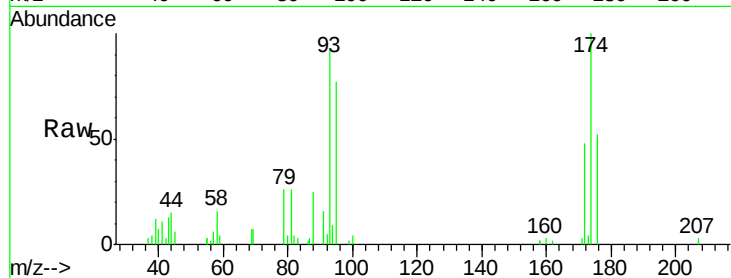
#49
 1,4-Dioxane
 Concen: 93.39 ug/l
 RT: 9.47 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

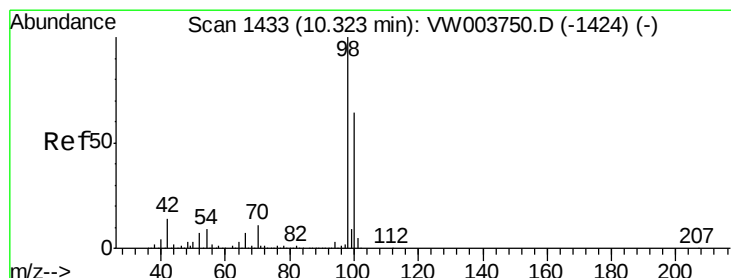
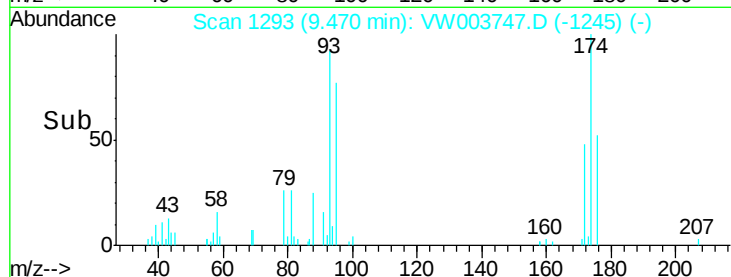
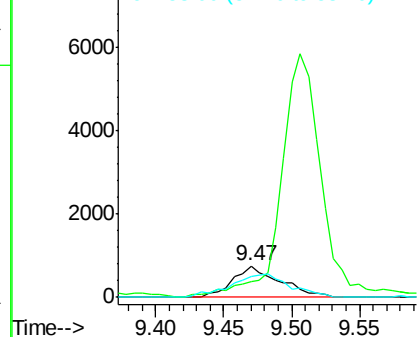
Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	92.5	59.7	89.5#

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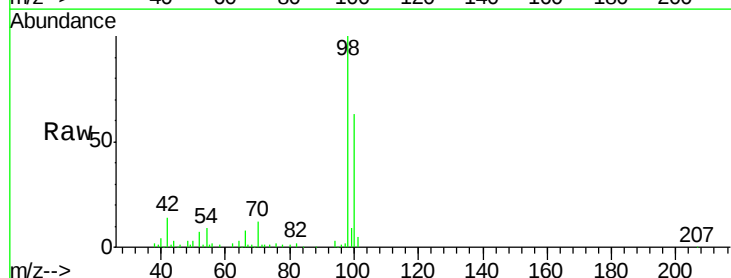


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

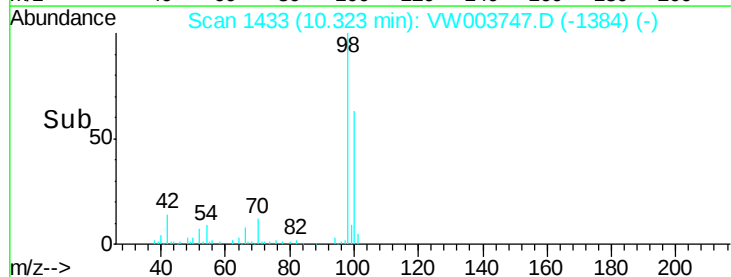
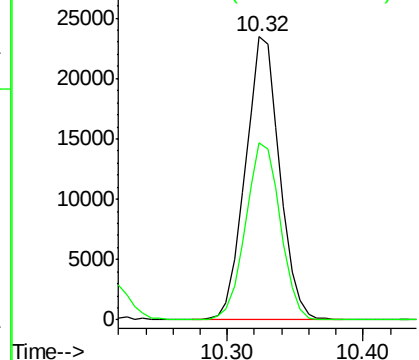


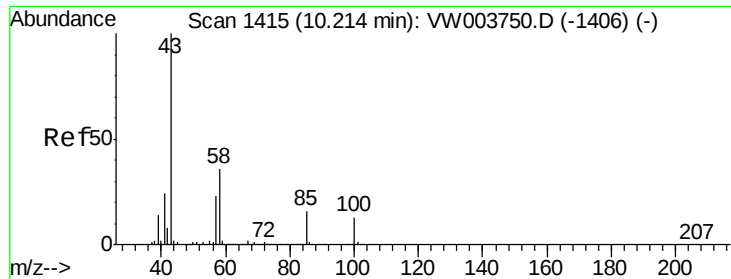
#50
 Toluene-d8
 Concen: 4.90 ug/l
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.8	76.2



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





#51

4-Methyl-2-Pentanone

Concen: 22.68 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC005

Tot Ion: 43 Resp: 36776

Ion Ratio Lower Upper

43 100

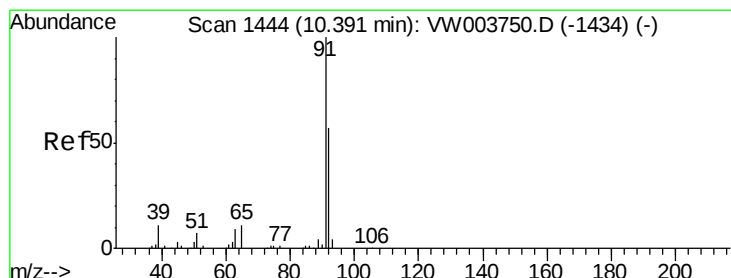
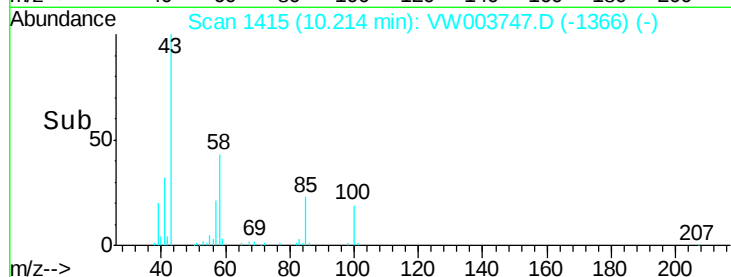
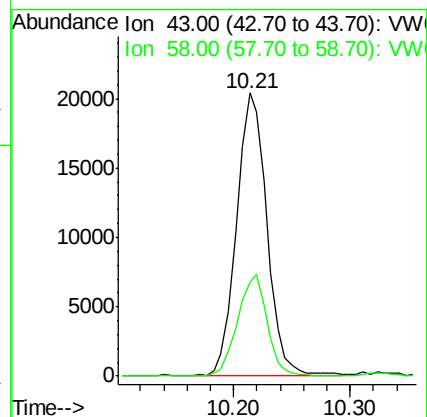
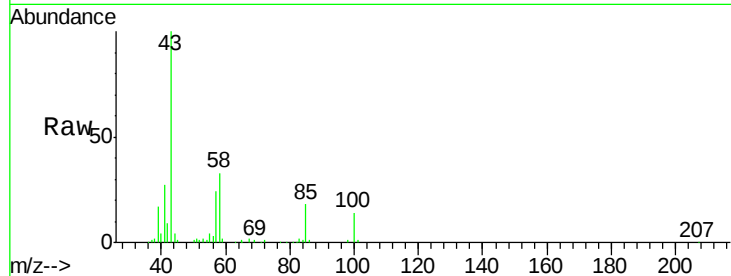
58 35.2 29.3 43.9

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#52

Toluene

Concen: 5.14 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003747.D

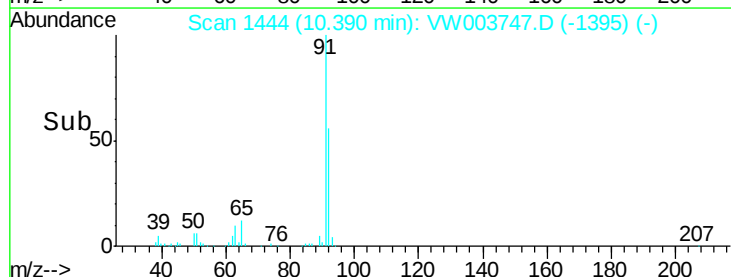
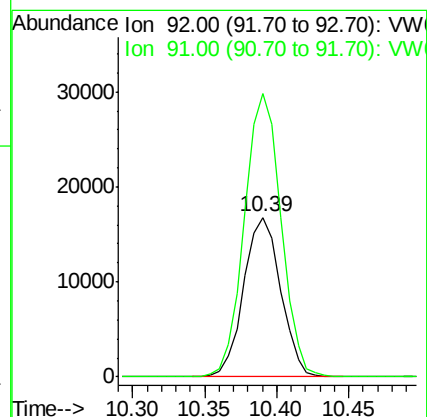
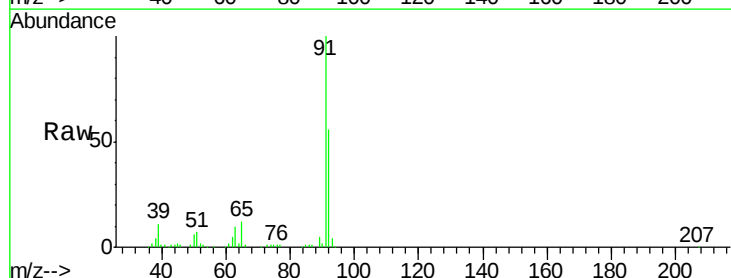
Acq: 06 Jul 2018 22:48

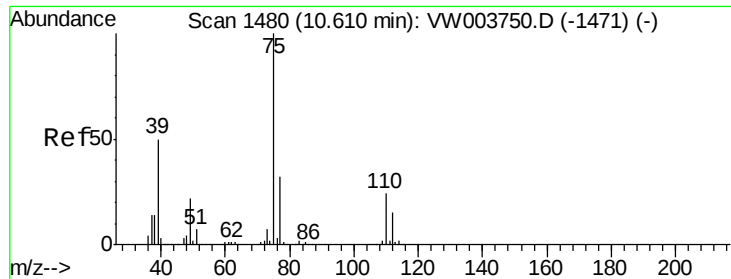
Tgt Ion: 92 Resp: 29858

Ion Ratio Lower Upper

92 100

91 175.7 140.6 211.0





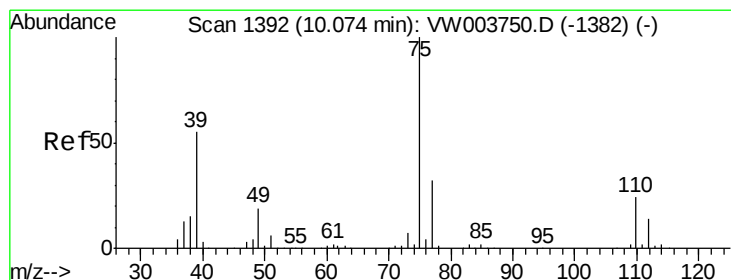
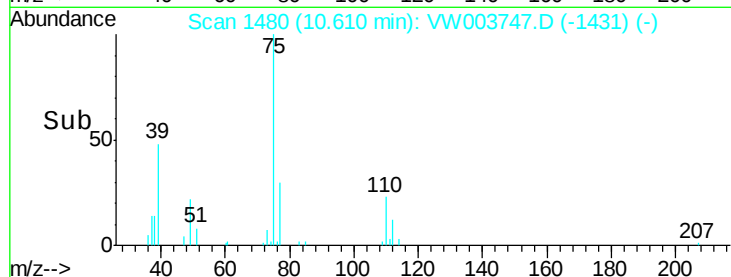
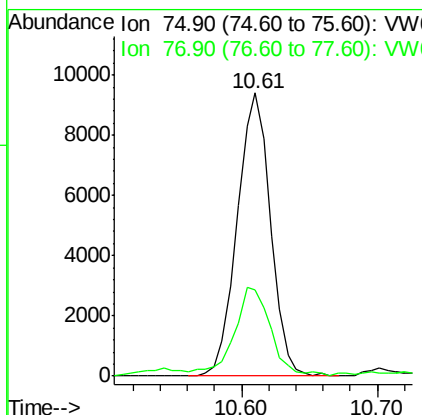
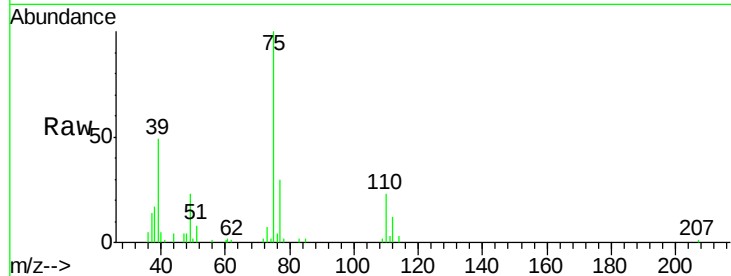
#53
t-1,3-Dichloropropene
Concen: 4.97 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion: 75 Resp: 15992
Ion Ratio Lower Upper
75 100
77 29.0 25.5 38.3

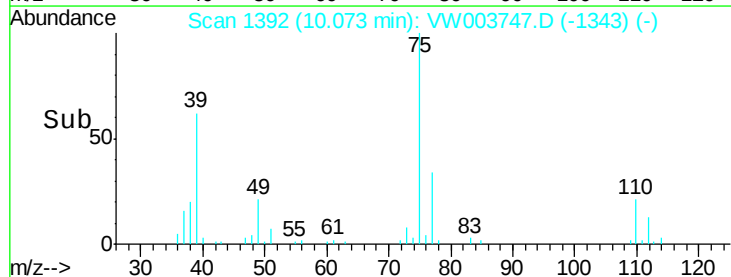
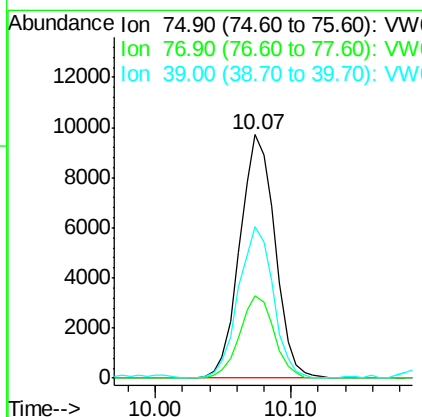
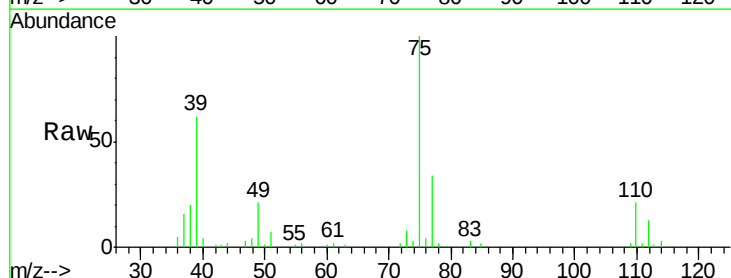
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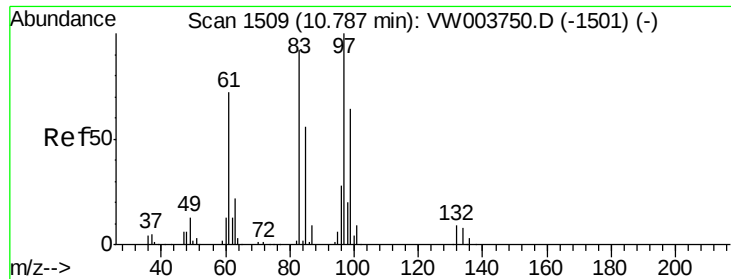
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#54
cis-1,3-Dichloropropene
Concen: 4.82 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 75 Resp: 17526
Ion Ratio Lower Upper
75 100
77 33.9 25.6 38.4
39 62.1 43.6 65.4





#55

1,1,2-Trichloroethane

Concen: 5.58 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

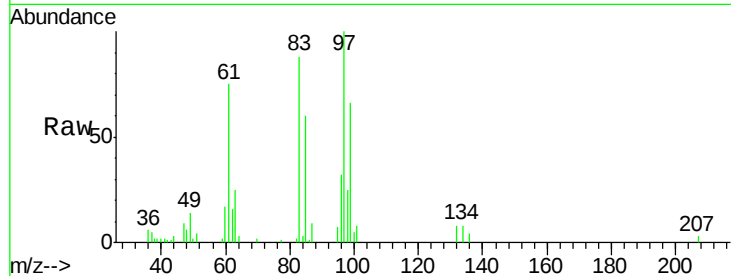
ClientSampled :

VSTDCCC005

Tot Ion:	97	Resp:	9910
Ion	Ratio	Lower	Upper
97	100		
83	87.1	73.8	110.6
85	60.0	45.0	67.4
99	66.0	51.2	76.8

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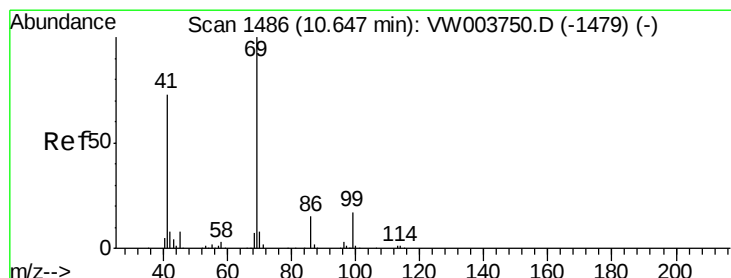
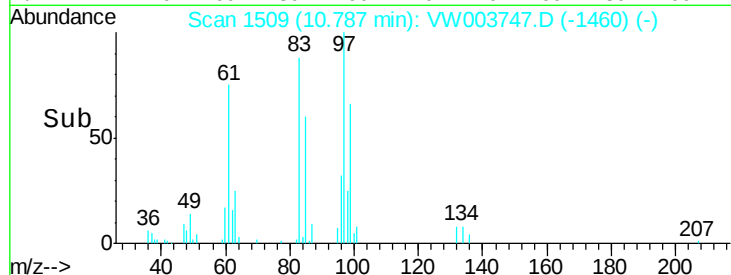
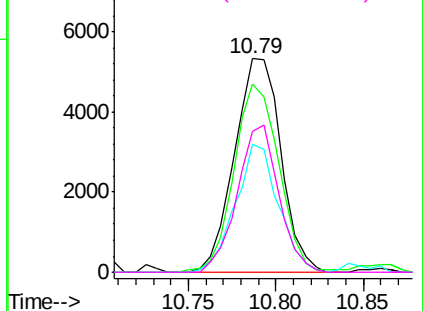
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 4.19 ug/l

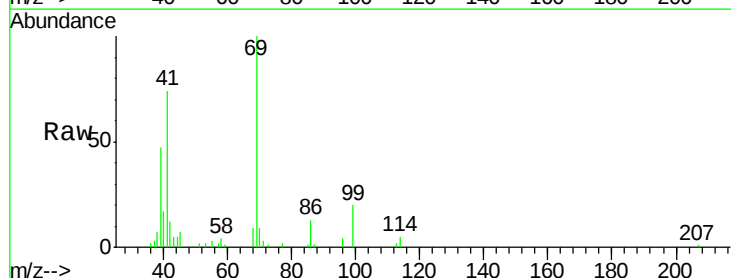
RT: 10.65 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion:	69	Resp:	9378
Ion	Ratio	Lower	Upper
69	100		
41	76.6	59.0	88.4
39	40.0	32.8	49.2

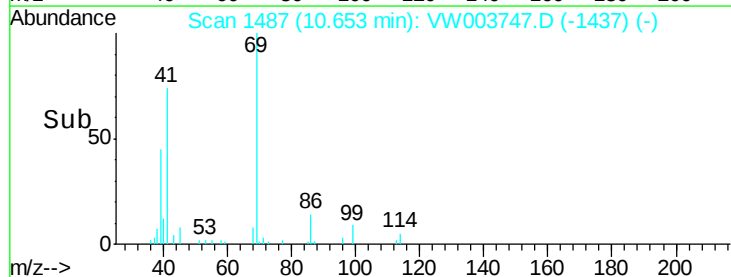
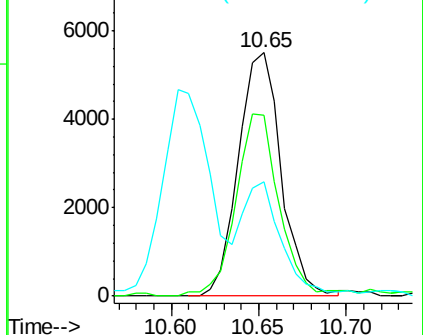


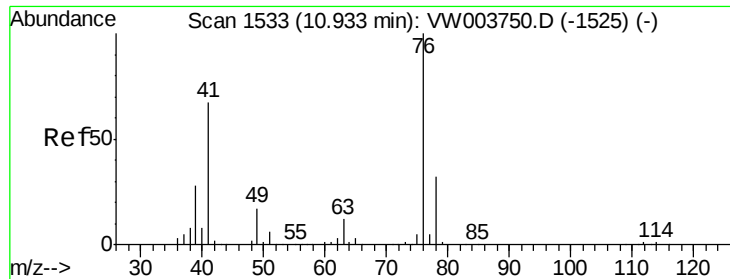
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





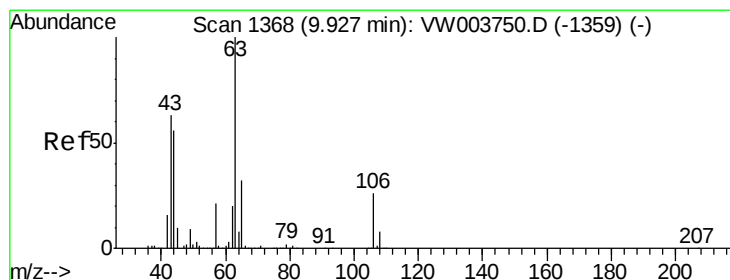
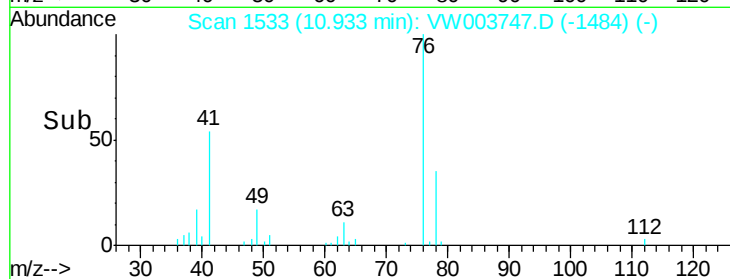
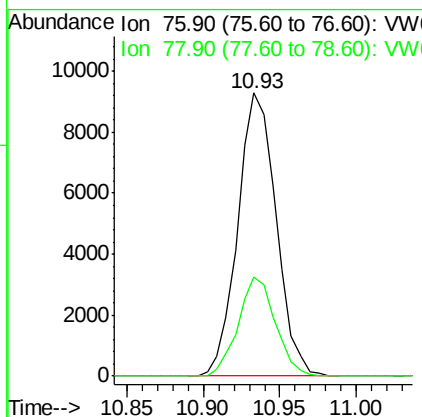
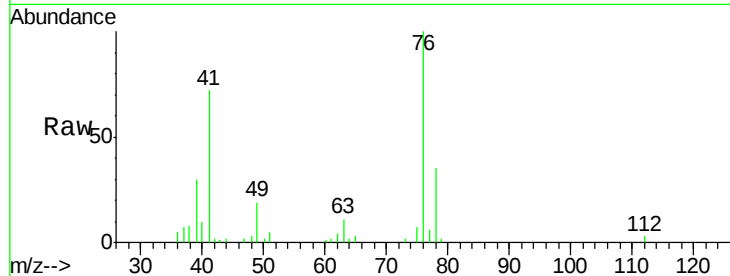
#57
 1,3-Dichloropropane
 Concen: 5.24 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.8	25.6	38.4

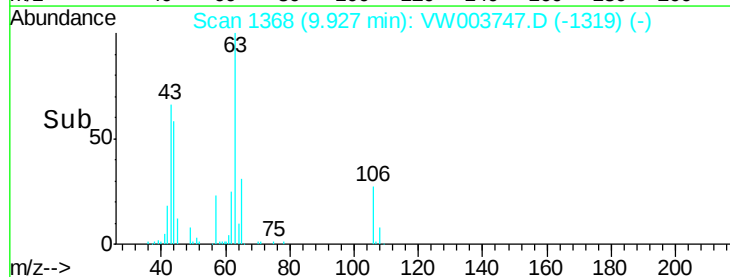
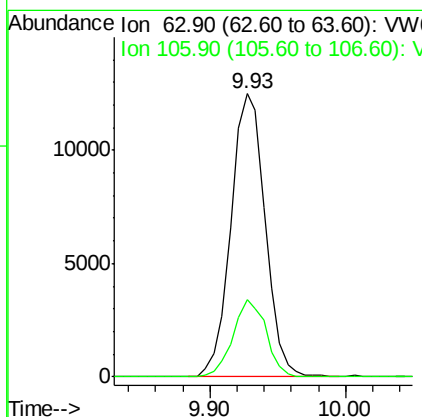
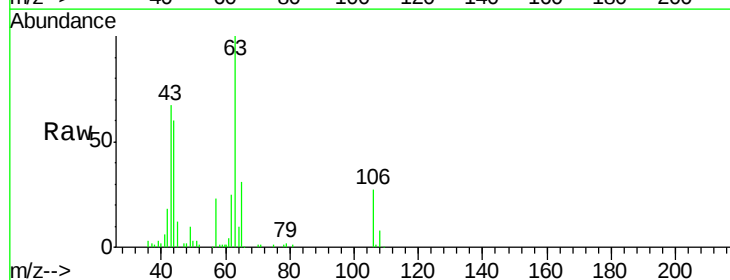
Manual Integrations
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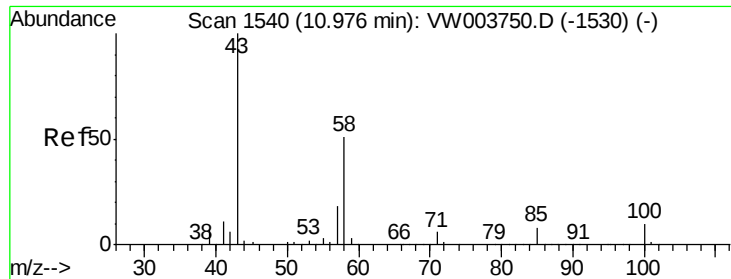
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 21.99 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.4	20.9	31.3





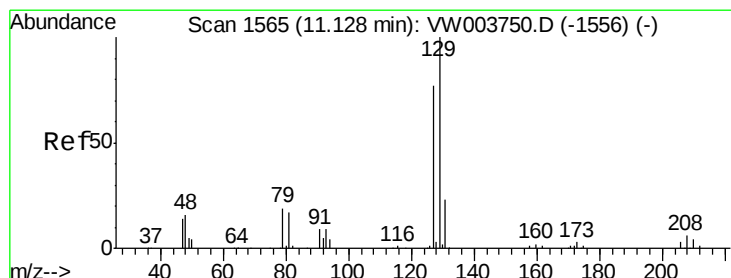
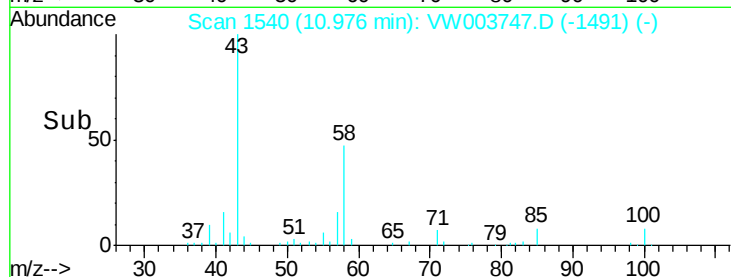
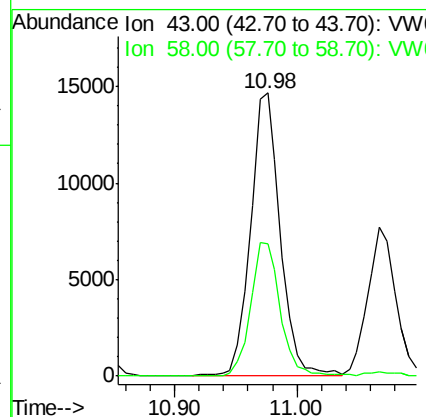
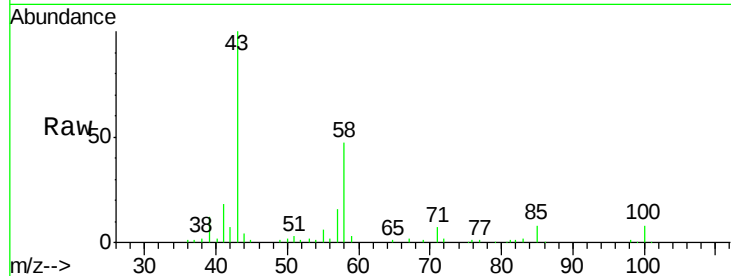
#59
2-Hexanone
Concen: 21.47 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion: 43 Resp: 24775
Ion Ratio Lower Upper
43 100
58 47.0 25.4 76.2

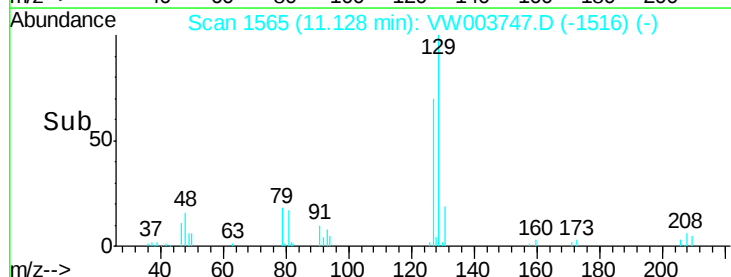
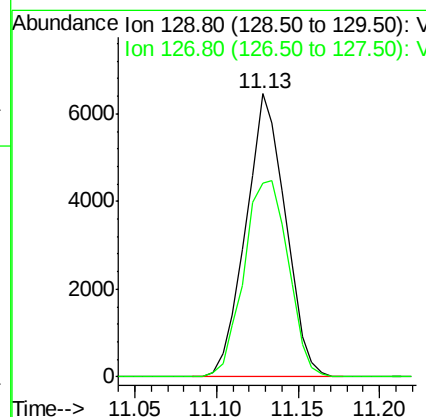
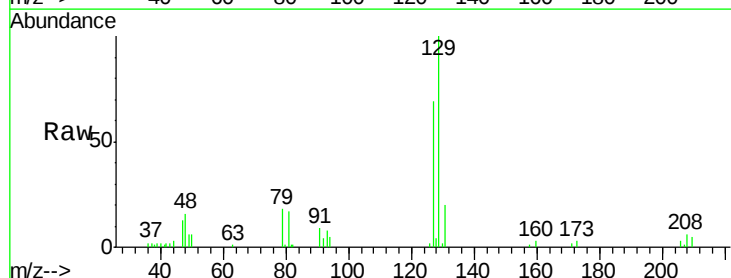
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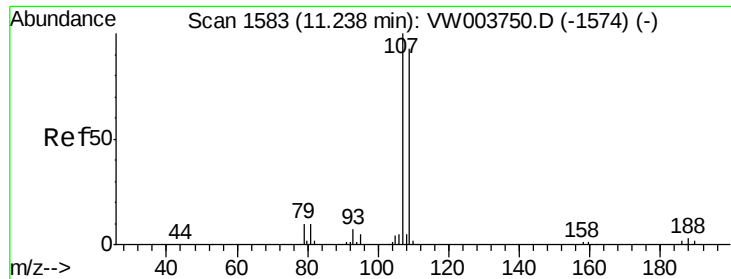
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#60
Dibromochloromethane
Concen: 5.26 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 129 Resp: 10948
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





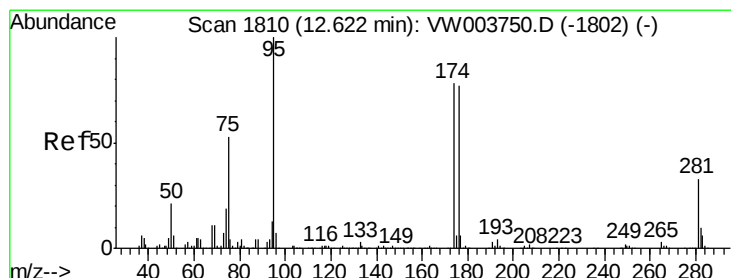
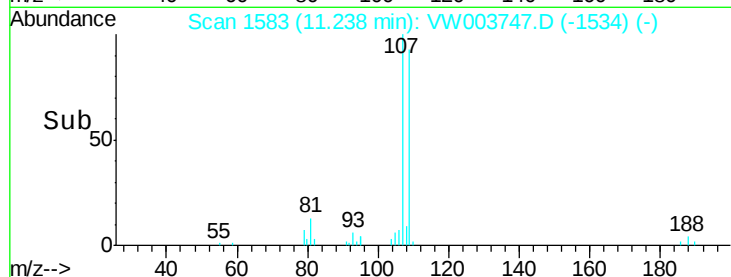
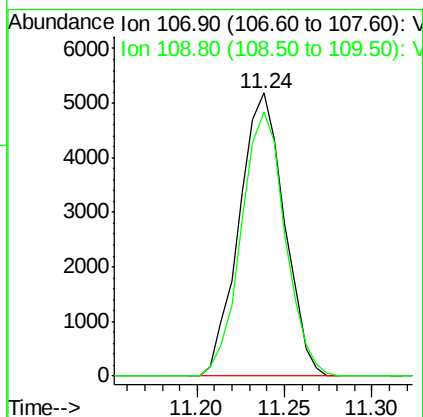
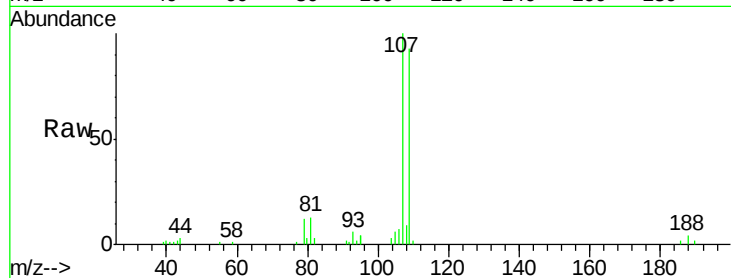
#61
 1,2-Dibromoethane
 Concen: 5.47 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.5	75.1	112.7

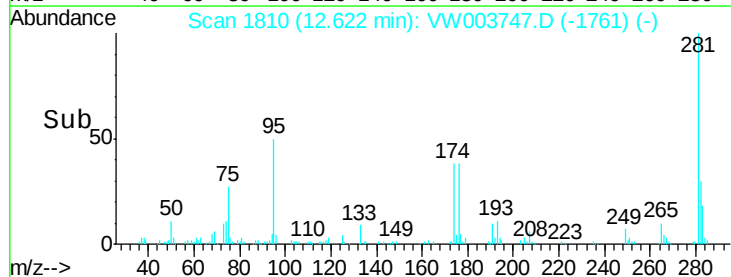
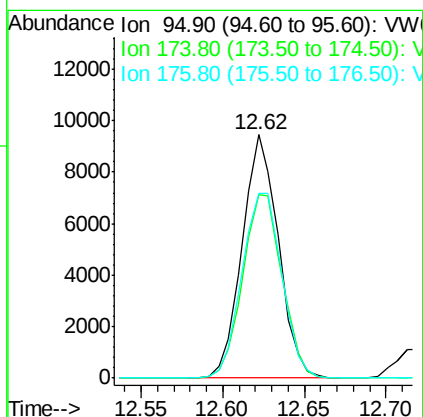
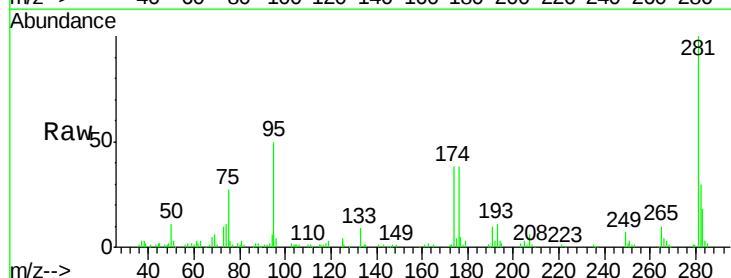
Manual Integrations
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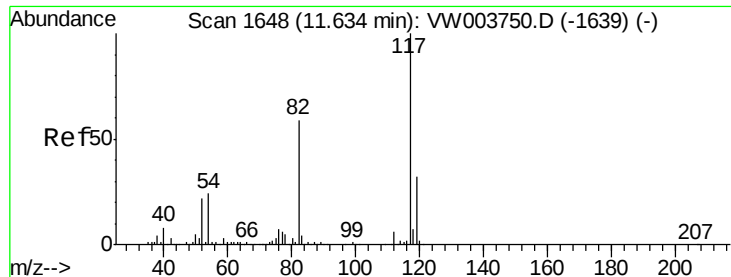
apatel
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#62
 4-Bromofluorobenzene
 Concen: 4.83 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	163.4
176	84.3	0.0	156.8





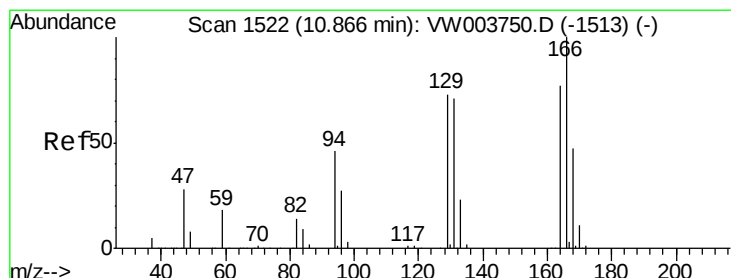
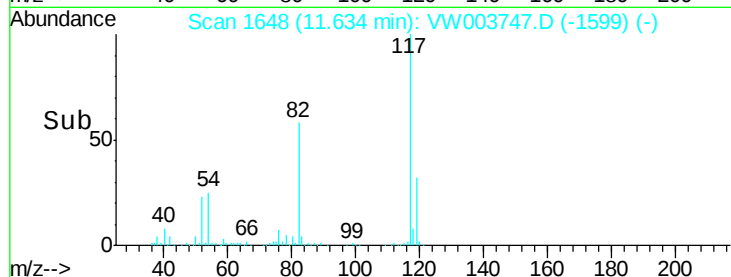
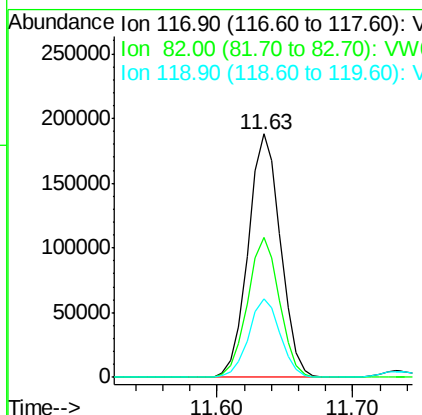
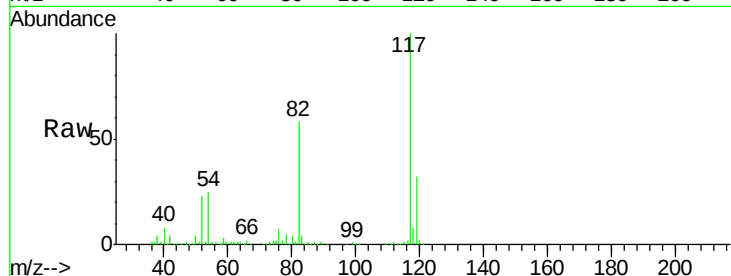
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	312751		
82	57.7	46.9	70.3	
119	32.2	25.5	38.3	

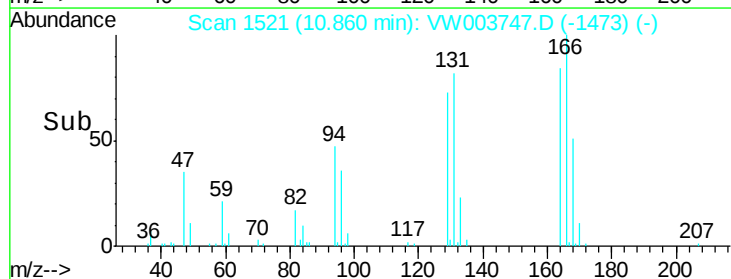
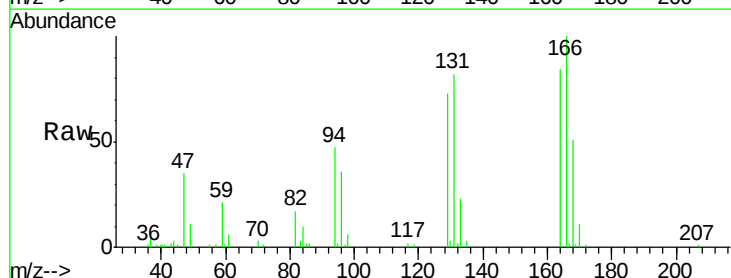
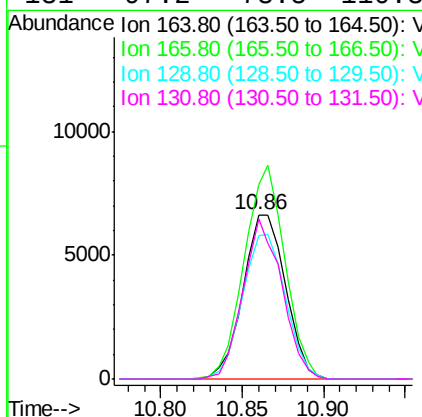
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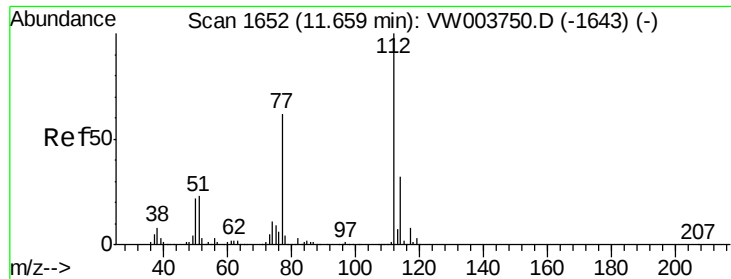
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#64
Tetrachloroethene
Concen: 5.57 ug/l
RT: 10.86 min Scan# 1521
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	11987		
166	118.9	104.2	156.4	
129	87.2	75.8	113.8	
131	97.2	73.5	110.3	





#65

Chlorobenzene

Concen: 5.33 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

Tot Ion:112 Resp: 35353

Ion Ratio Lower Upper

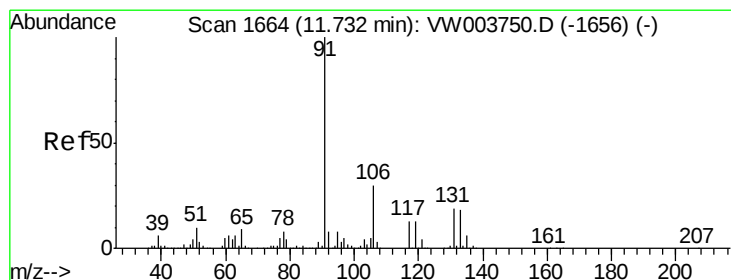
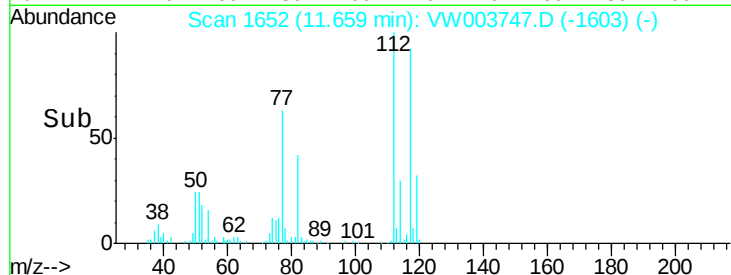
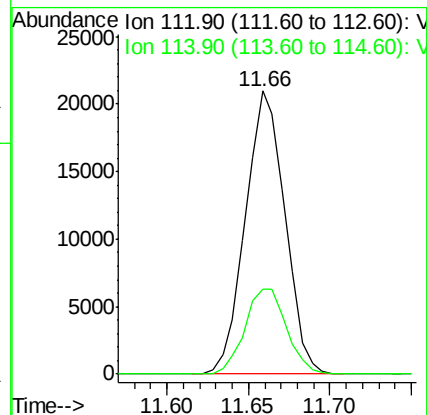
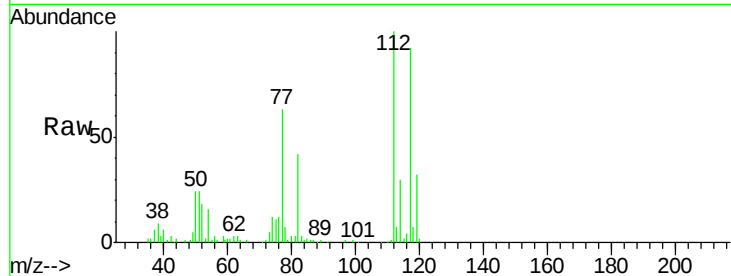
112 100

114 29.9 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 5.18 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

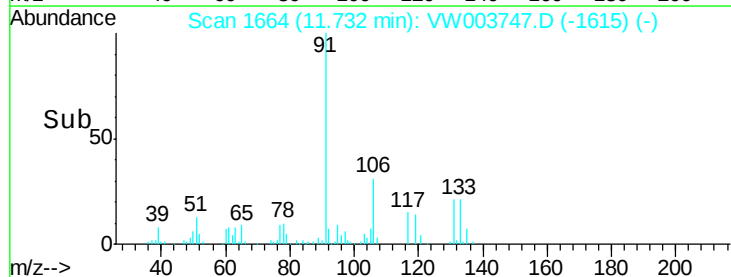
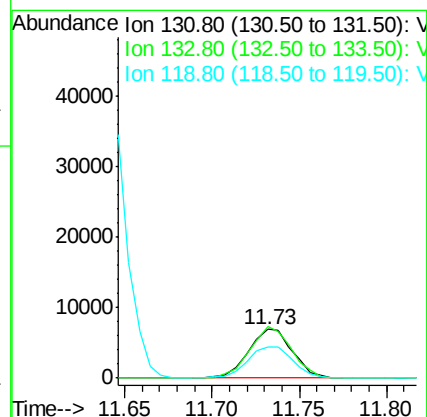
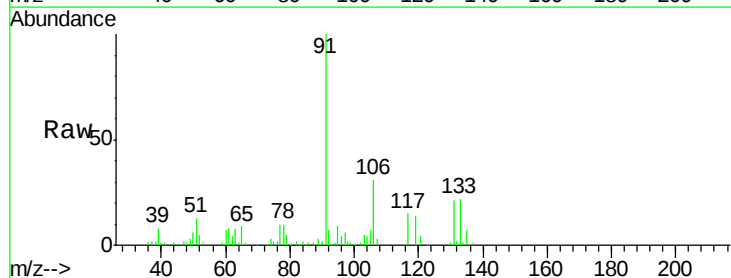
Tgt Ion:131 Resp: 12007

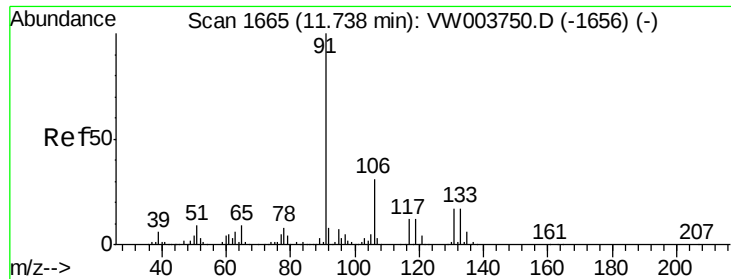
Ion Ratio Lower Upper

131 100

133 101.1 48.0 144.2

119 67.4 33.2 99.6





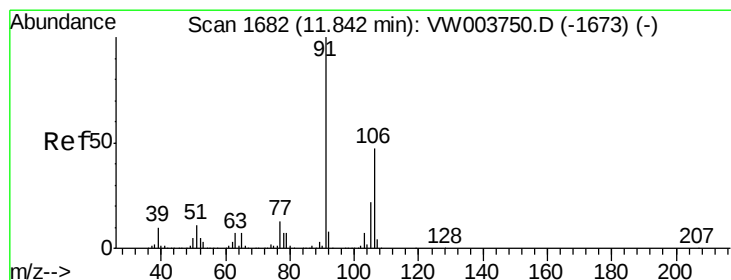
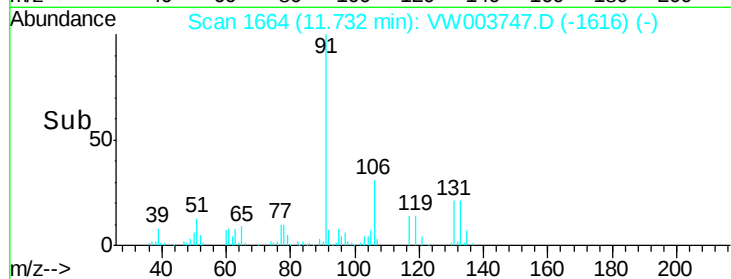
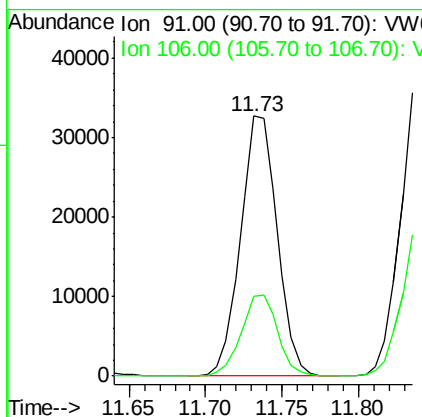
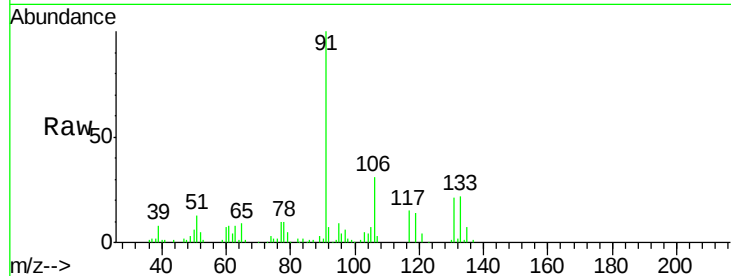
#67
Ethyl Benzene
Concen: 4.70 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion: 91 Resp: 54415
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0

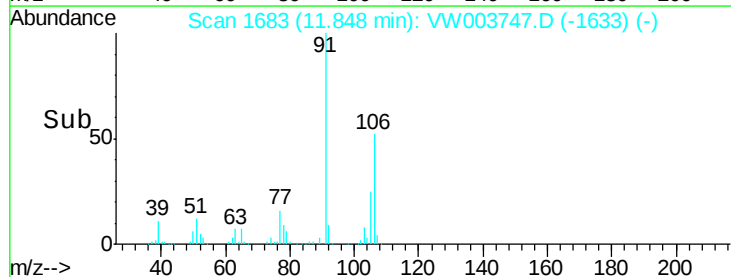
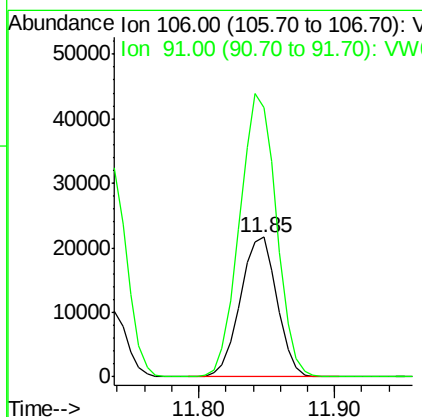
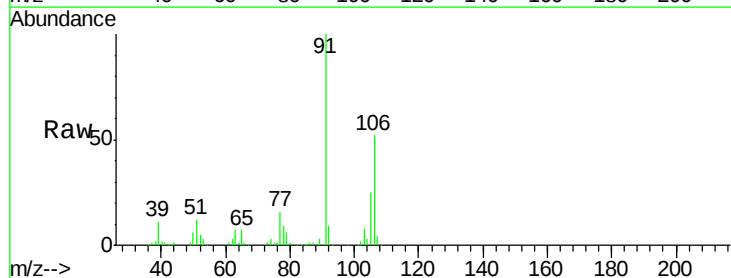
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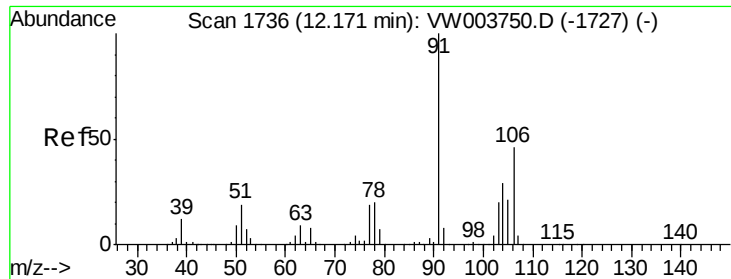
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#68
m/p-Xylenes
Concen: 9.27 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion: 106 Resp: 40942
Ion Ratio Lower Upper
106 100
91 202.9 164.3 246.5





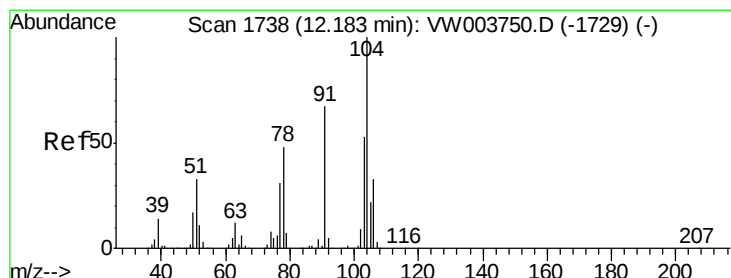
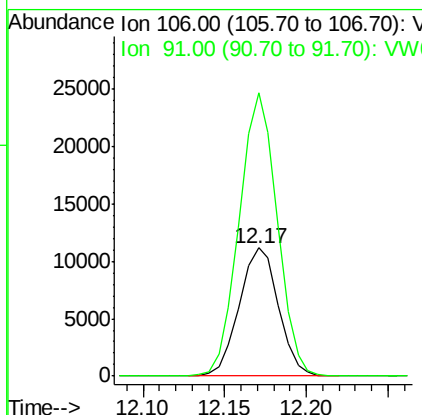
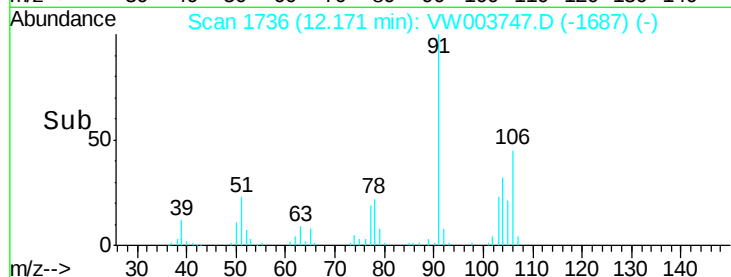
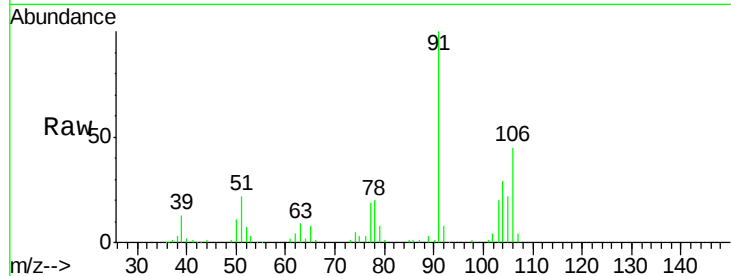
#69
o-Xylene
Concen: 4.56 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC005

Tot Ion:106 Resp: 18648
Ion Ratio Lower Upper
106 100
91 215.6 109.1 327.2

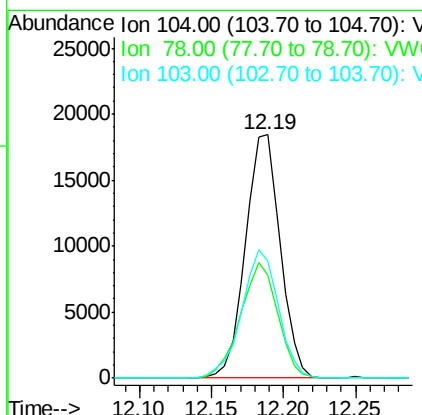
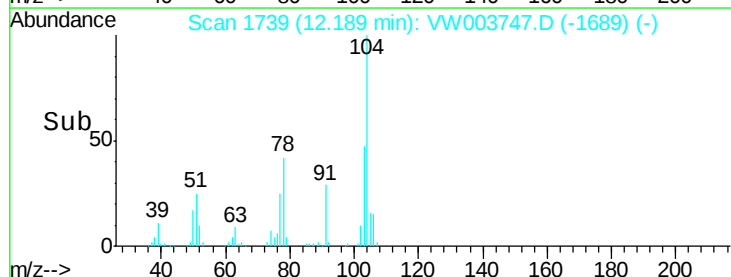
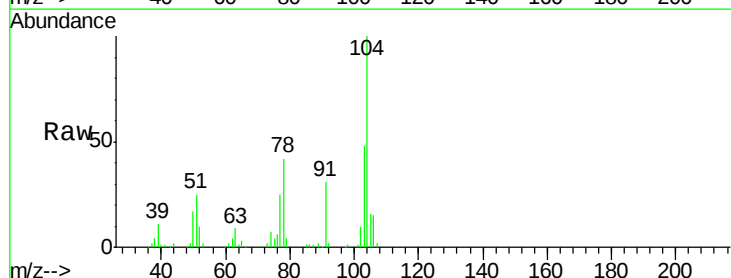
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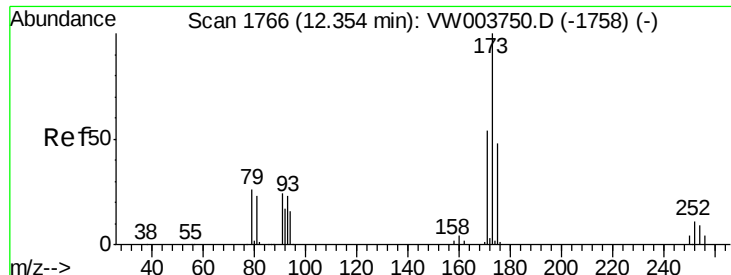
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#70
Styrene
Concen: 4.47 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion:104 Resp: 30704
Ion Ratio Lower Upper
104 100
78 51.0 41.1 61.7
103 55.8 44.6 67.0





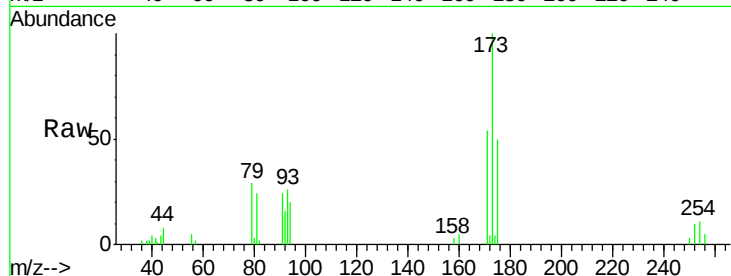
#71
Bromoform
Concen: 4.82 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

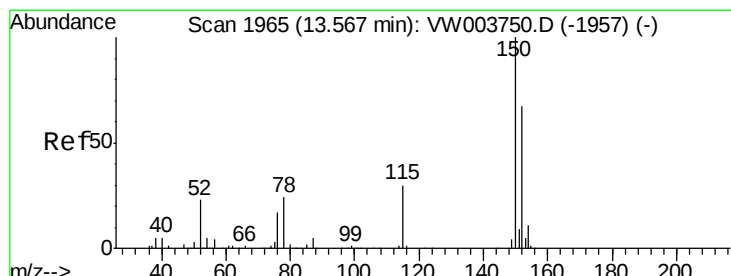
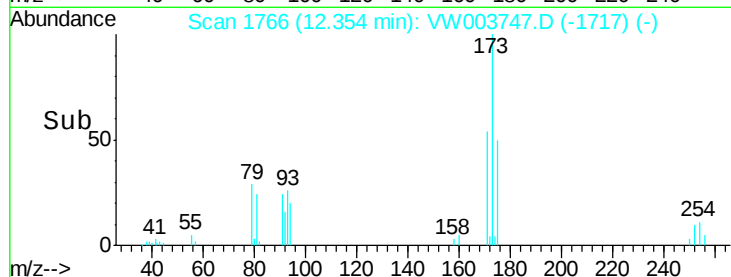
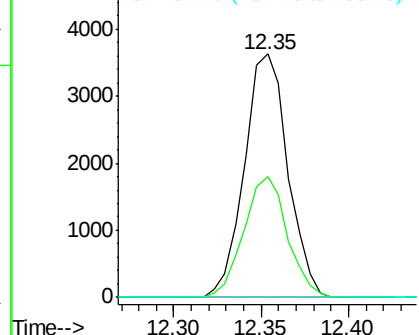
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.1	72.4
254	0.0	0.0	0.0

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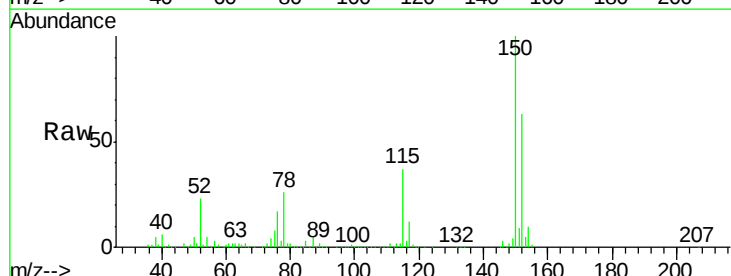


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

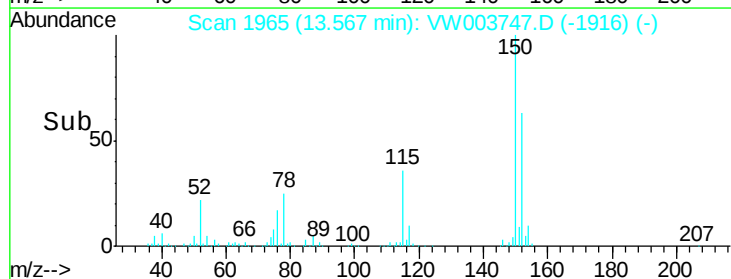
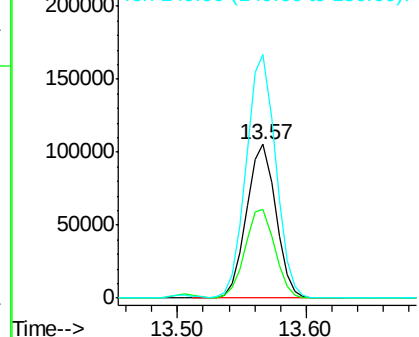


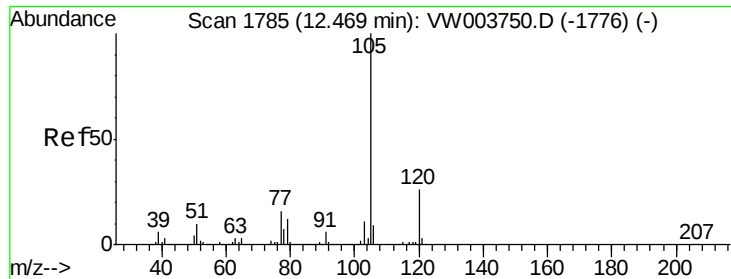
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.9	86.8
150	159.4	0.0	342.4



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





#73

Isopropylbenzene

Concen: 4.33 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

Tot Ion: 105 Resp: 48716

Ion Ratio Lower Upper

105 100

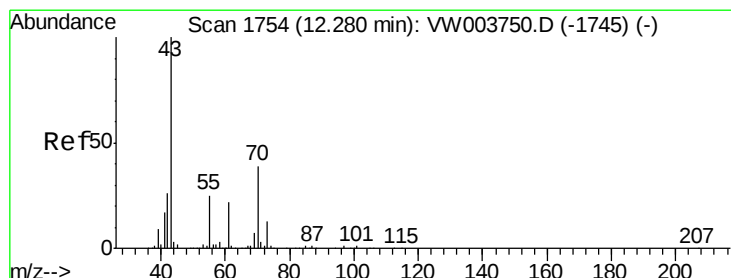
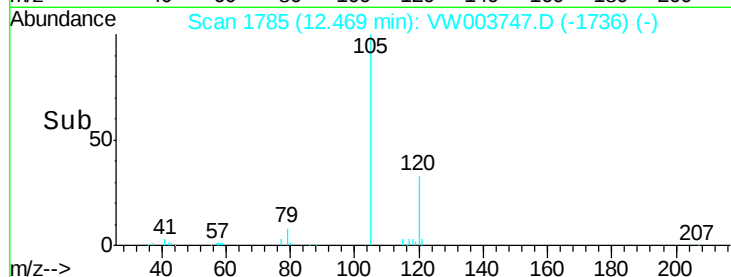
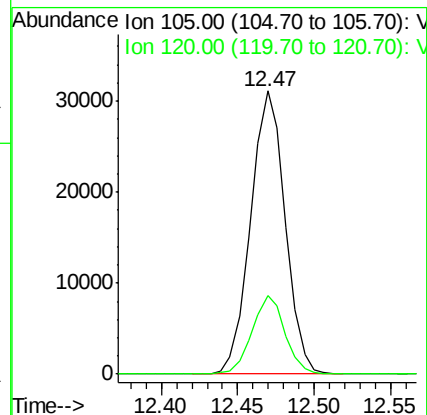
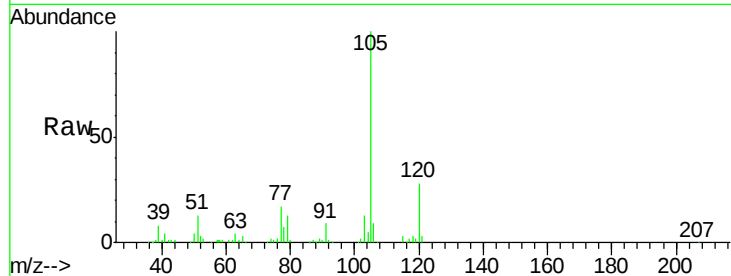
120 26.5 13.1 39.3

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#74

N-ethyl acetate

Concen: 4.51 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion: 43 Resp: 13556

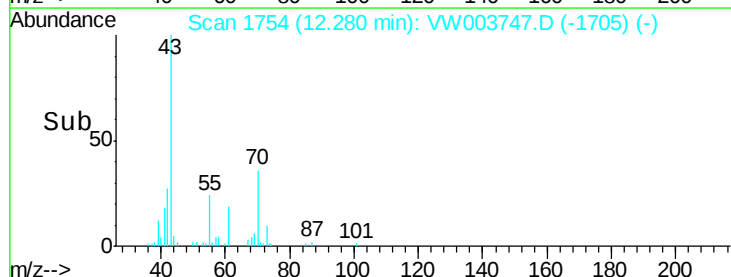
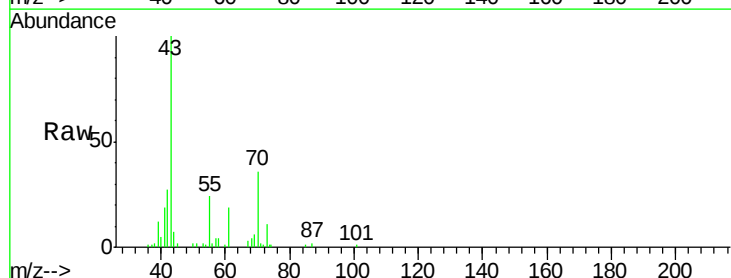
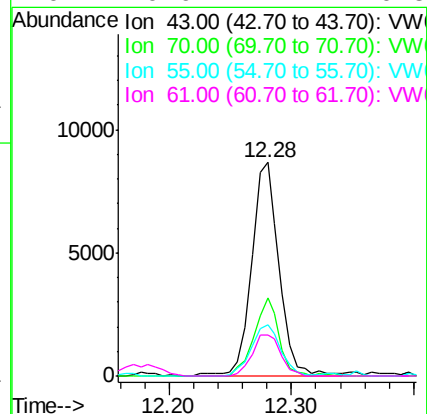
Ion Ratio Lower Upper

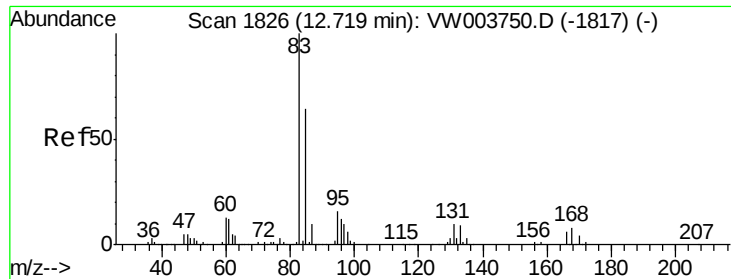
43 100

70 33.2 31.3 46.9

55 26.2 20.1 30.1

61 19.9 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 5.14 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

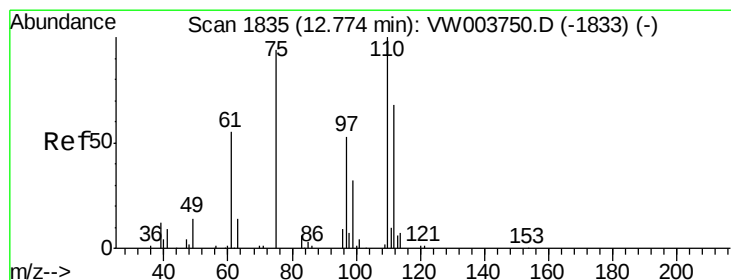
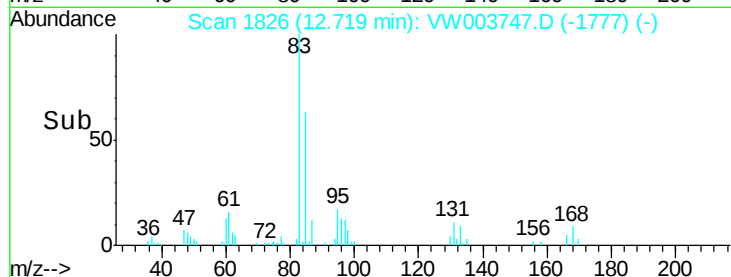
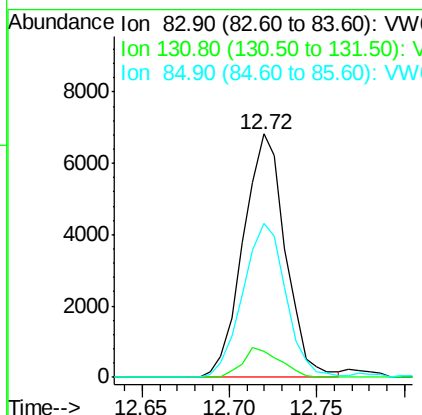
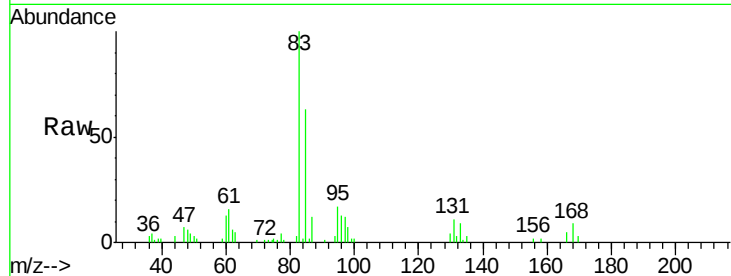
ClientSampled :

VSTDCCC005

Tot Ion:	83	Resp:	11456
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	64.5	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 6.35 ug/l m

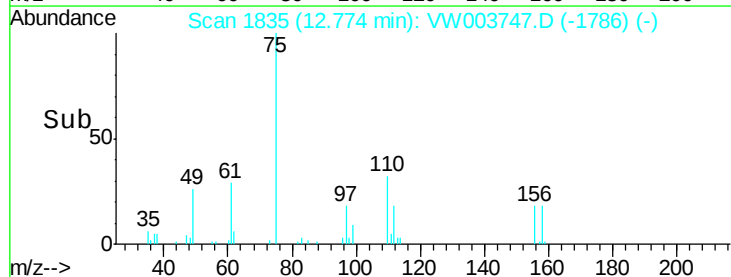
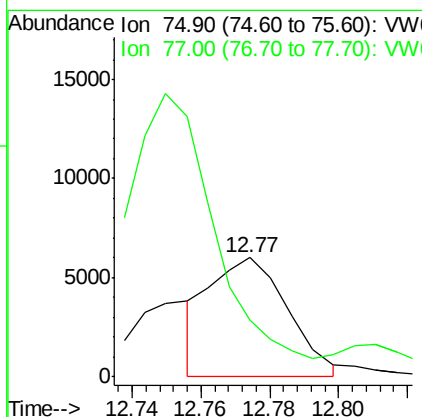
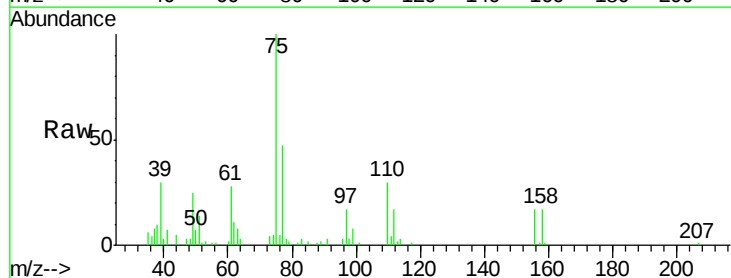
RT: 12.77 min Scan# 1835

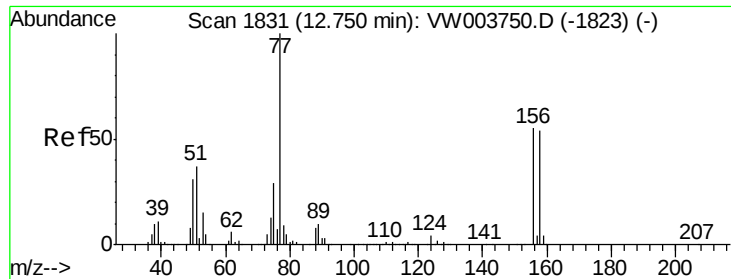
Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion:	75	Resp:	9492
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.21 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

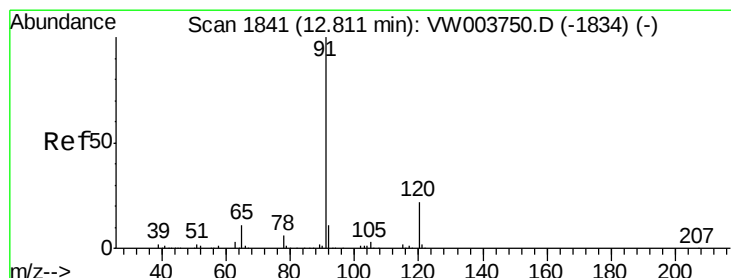
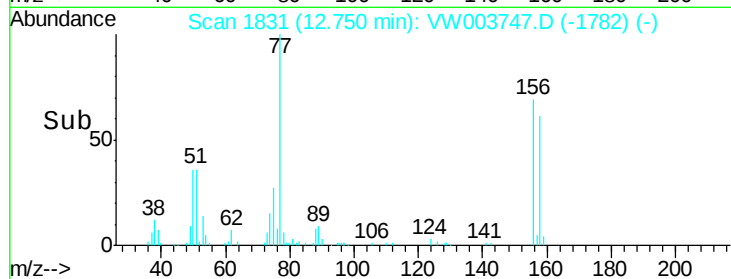
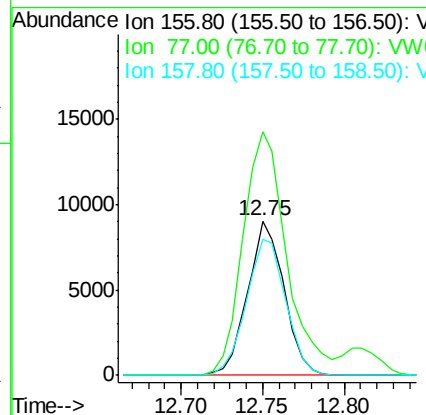
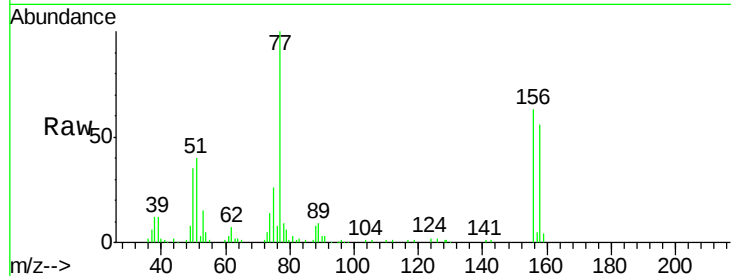
ClientSampled :

VSTDCCC005

Tot Ion	156	Resp	14083
Ion Ratio	Lower	Upper	
156	100		
77	188.4	98.7	296.0
158	95.4	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 4.55 ug/l

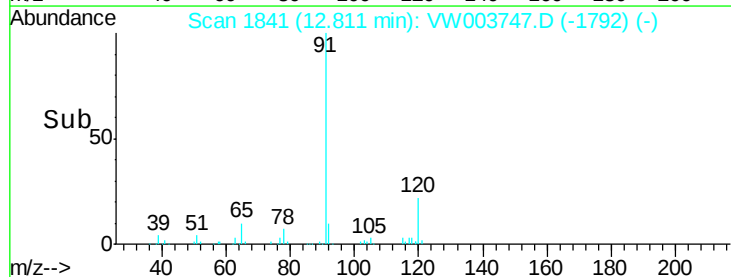
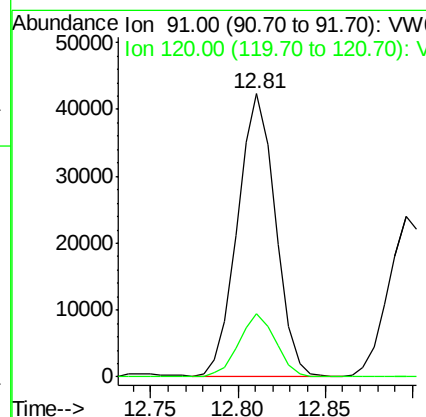
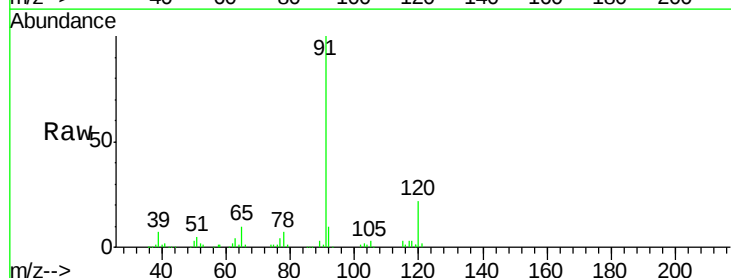
RT: 12.81 min Scan# 1841

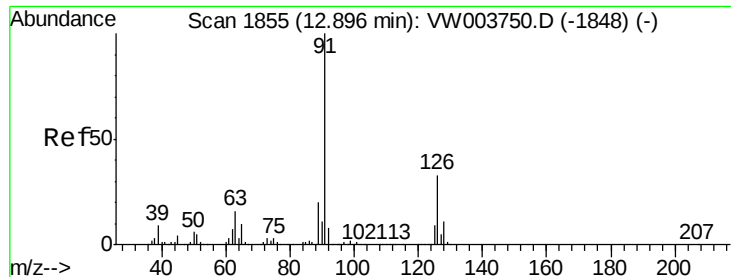
Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion	91	Resp	63376
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.2	33.6





#79

2-Chlorotoluene

Concen: 4.79 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC005

Tot Ion: 91 Resp: 37935

Ion Ratio Lower Upper

91 100

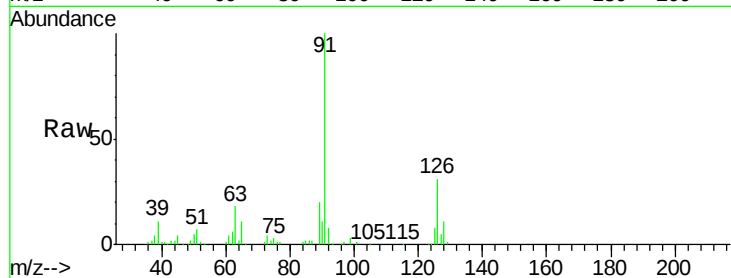
126 32.5 17.0 51.0

Manual Integrations

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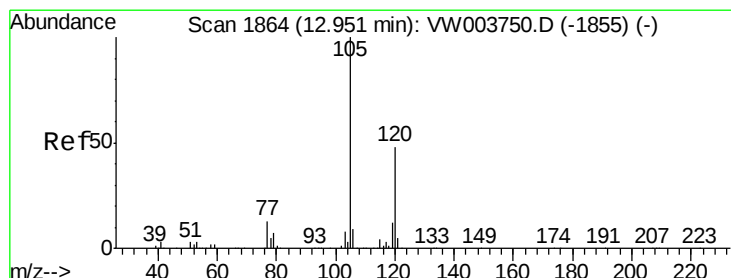
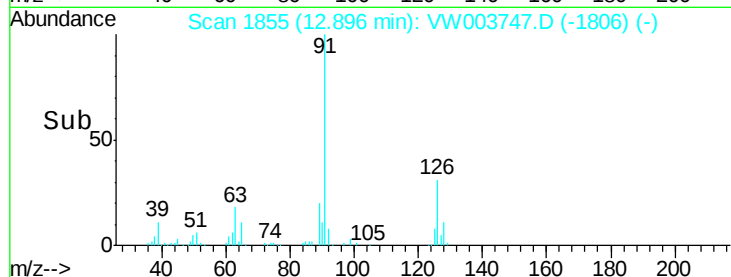
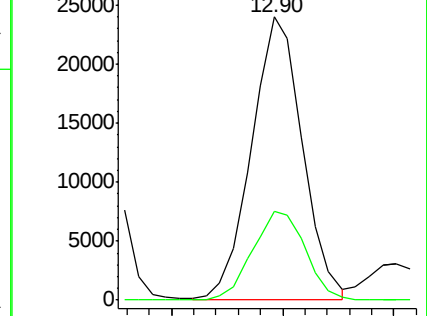
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.46 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003747.D

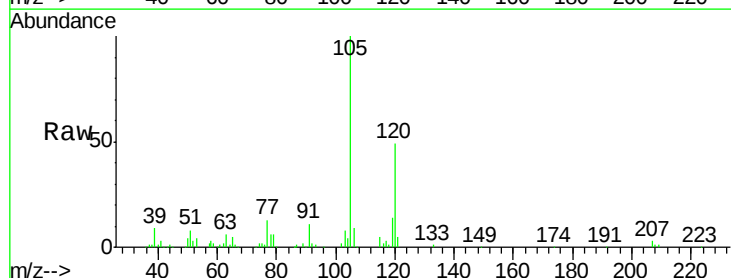
Acq: 06 Jul 2018 22:48

Tgt Ion: 105 Resp: 42551

Ion Ratio Lower Upper

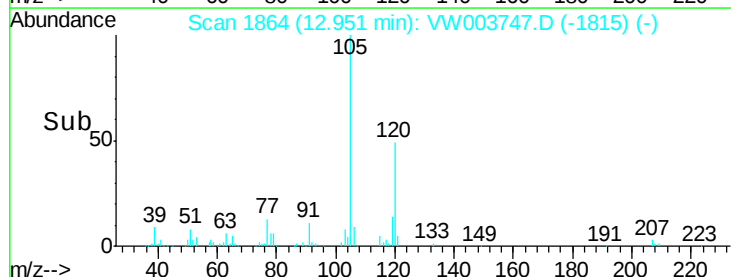
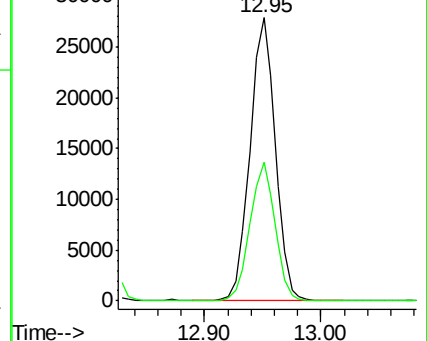
105 100

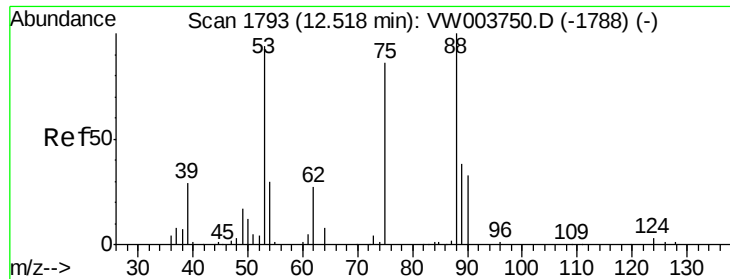
120 48.2 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.26 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Instrument :

MSVOA_W

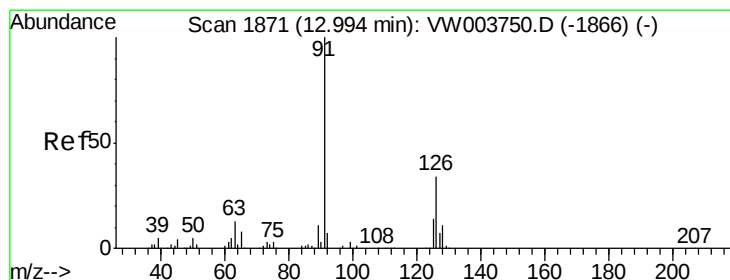
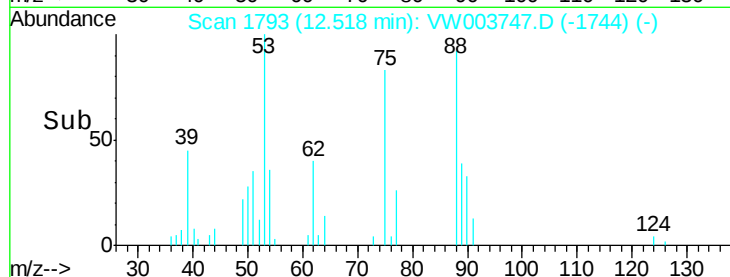
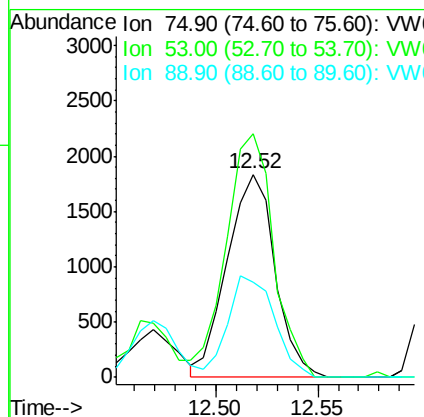
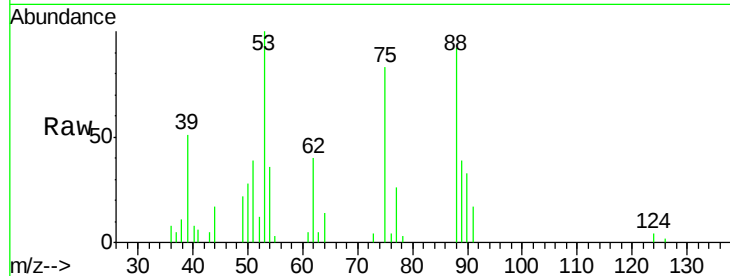
ClientSampled :

VSTDCCC005

Tot Ion:	75	Resp:	2992
Ion	Ratio	Lower	Upper
75	100		
53	118.3	85.0	127.6
89	48.0	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 4.93 ug/l

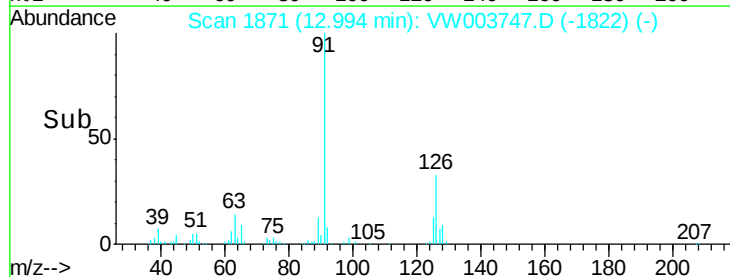
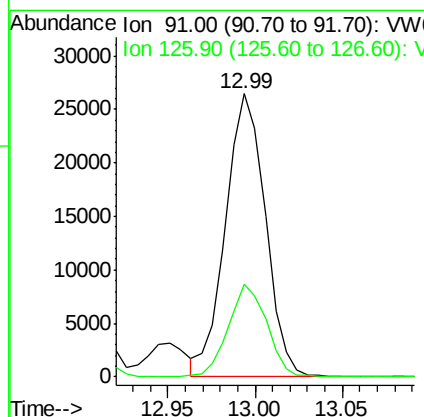
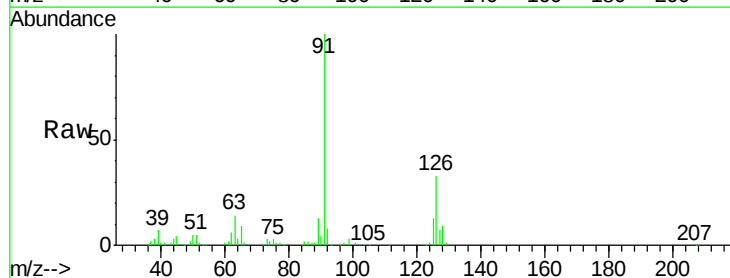
RT: 12.99 min Scan# 1871

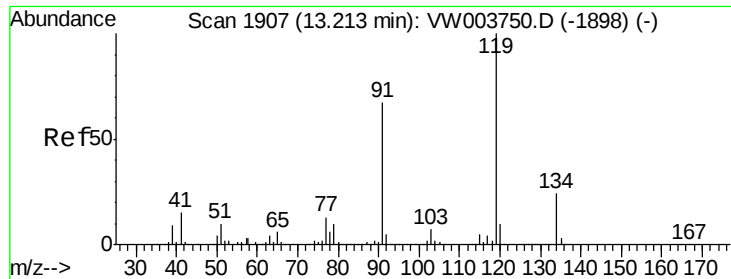
Delta R.T. -0.00 min

Lab File: VW003747.D

Acq: 06 Jul 2018 22:48

Tgt Ion:	91	Resp:	41595
Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.5	49.5





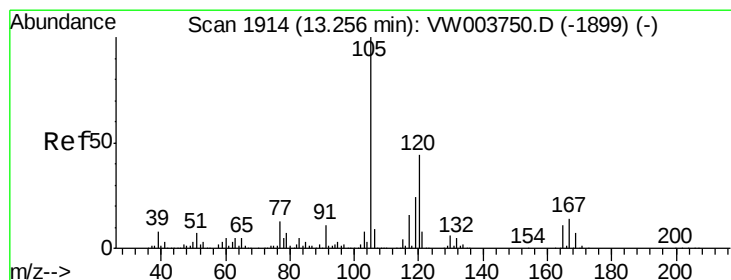
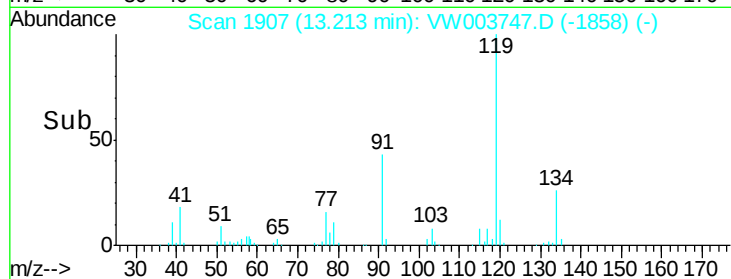
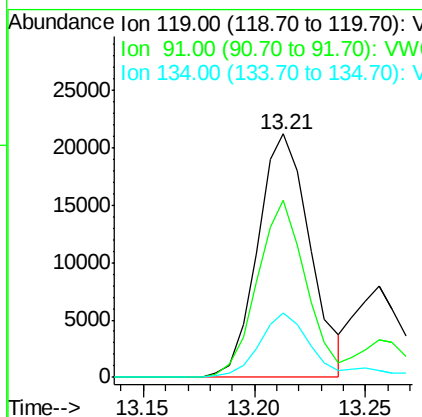
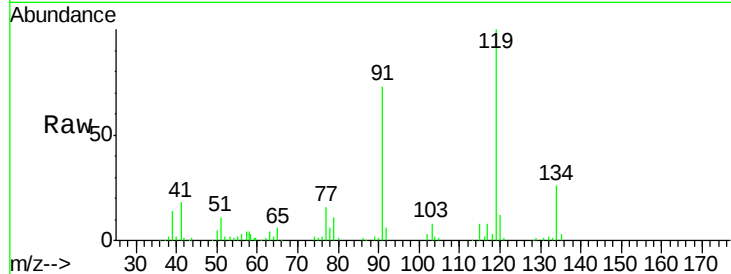
#83
tert-Butylbenzene
Concen: 4.31 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.9	33.0	98.9
134	28.0	12.8	38.4

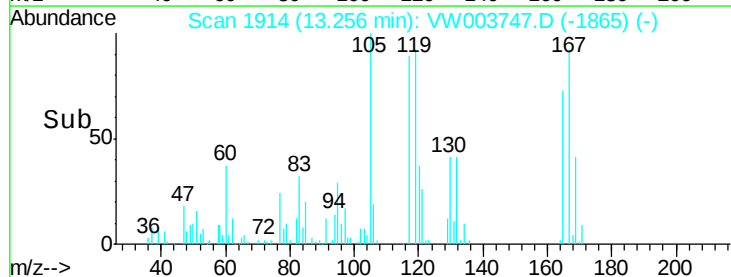
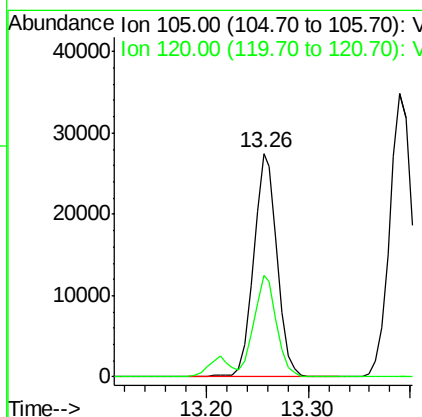
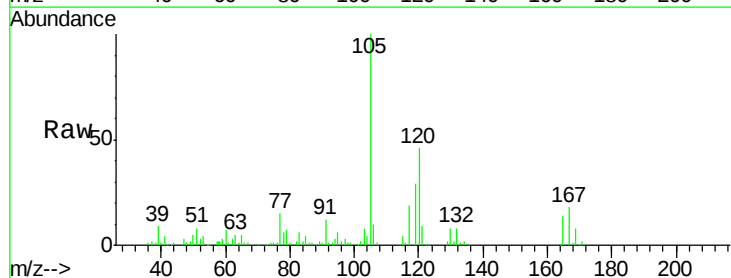
Manual Integrations
APPROVED

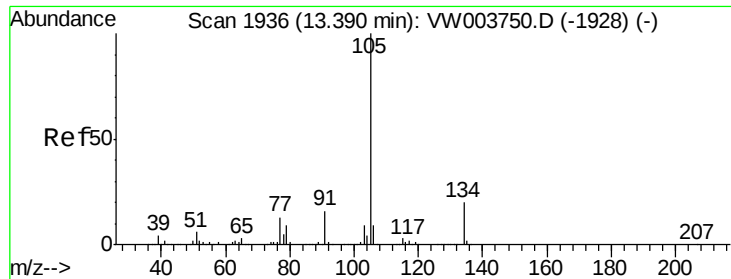
apatel
7/9/2018 9:50:28 AM



#84
1,2,4-Trimethylbenzene
Concen: 4.50 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.0	66.0





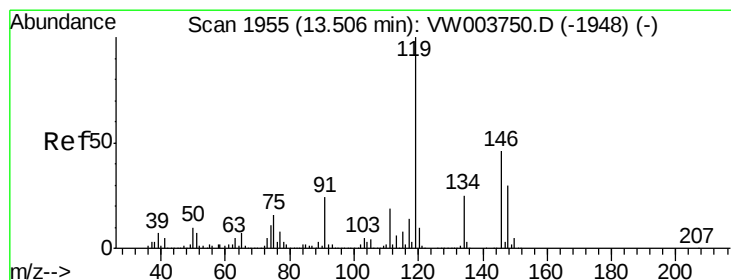
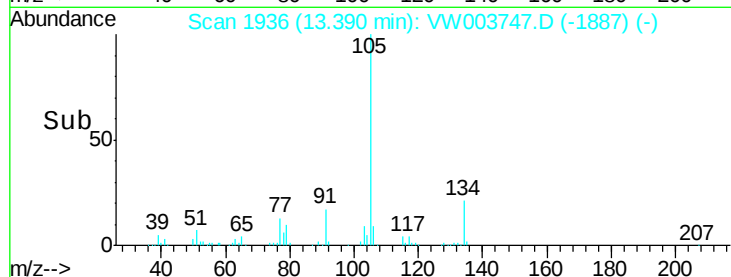
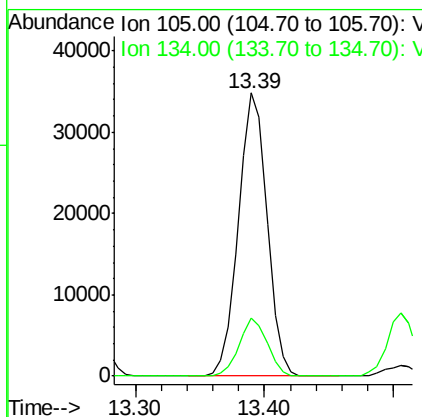
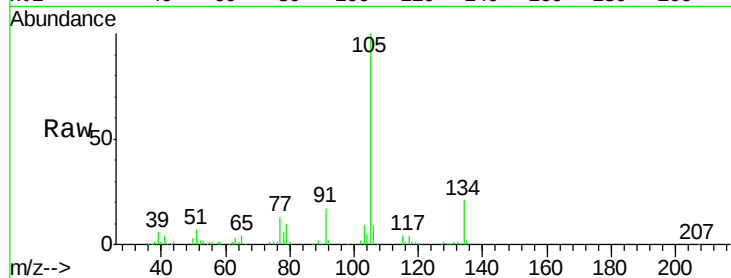
#85
 sec-Butylbenzene
 Concen: 4.50 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Tot Ion	Ratio	Resp	Lower	Upper
105	100	53735		
134	20.1	9.8	29.4	

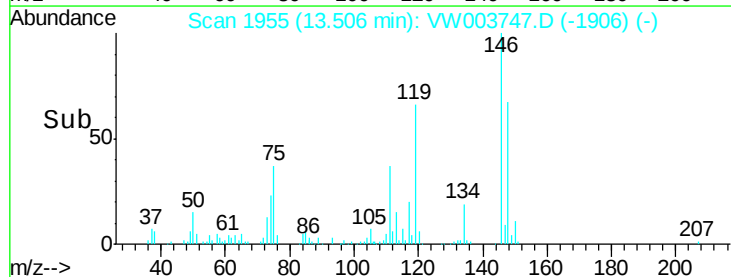
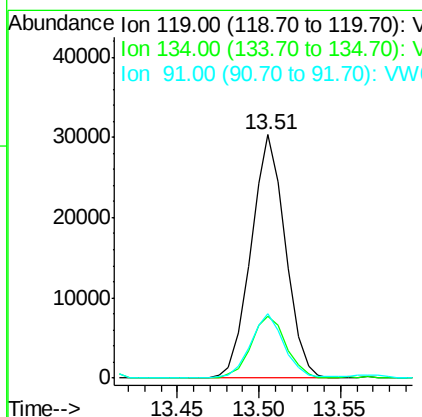
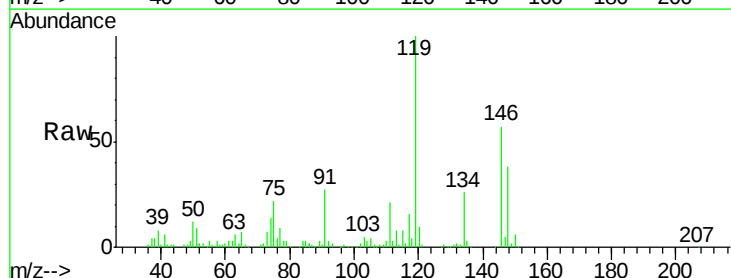
Manual Integrations
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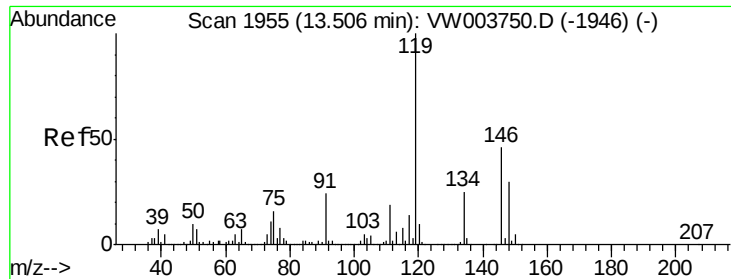
apatel
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#86
 p-Isopropyltoluene
 Concen: 4.24 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	44381		
134	26.2	13.1	39.1	
91	25.7	11.9	35.9	





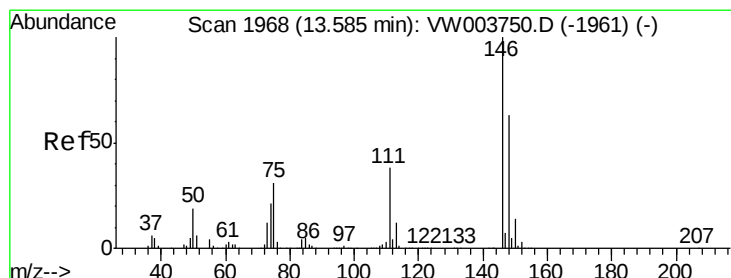
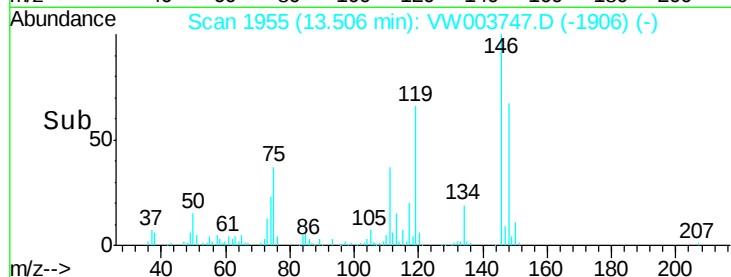
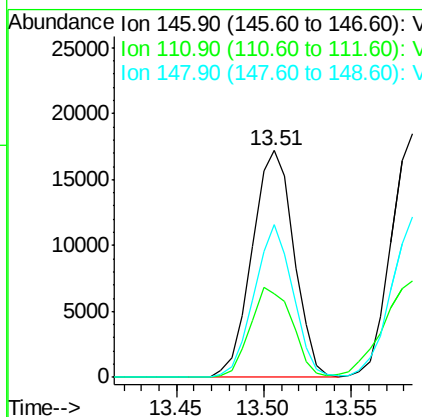
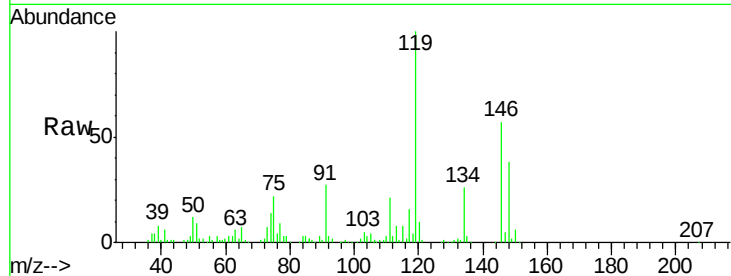
#87
 1,3-Dichlorobenzene
 Concen: 5.20 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	62.6	31.9	95.7

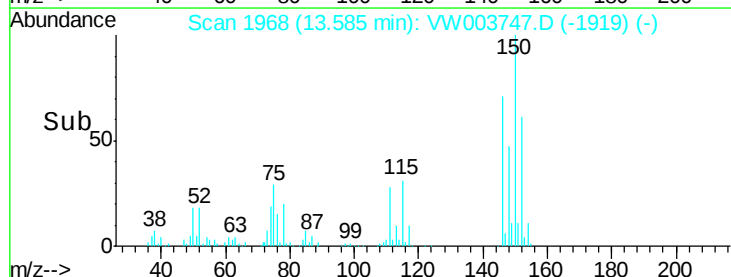
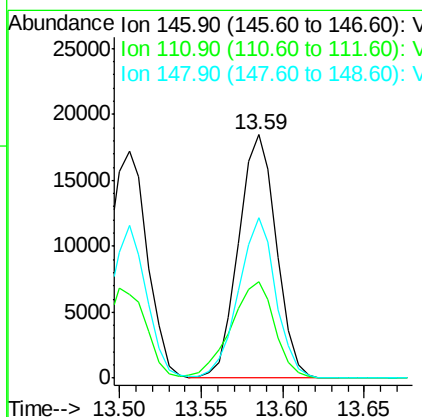
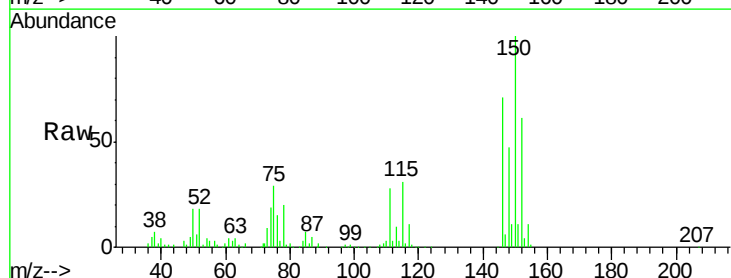
Manual Integrations
 APPROVED

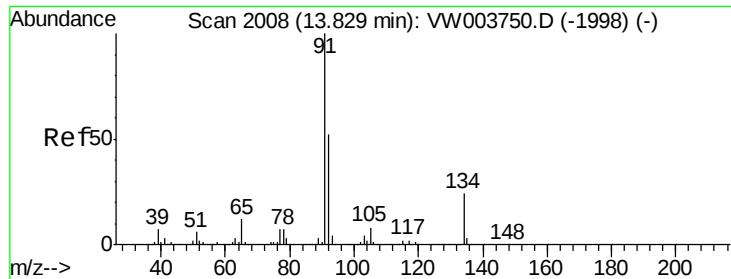
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 5.41 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.8	19.4	58.4
148	65.5	31.9	95.7





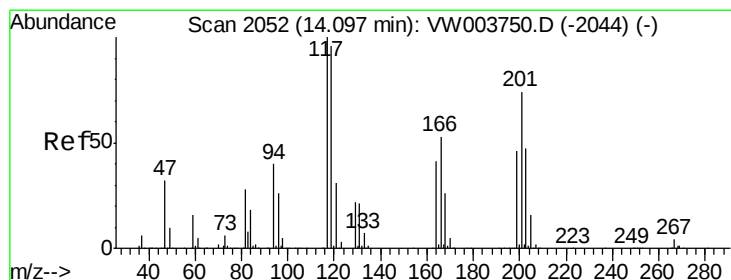
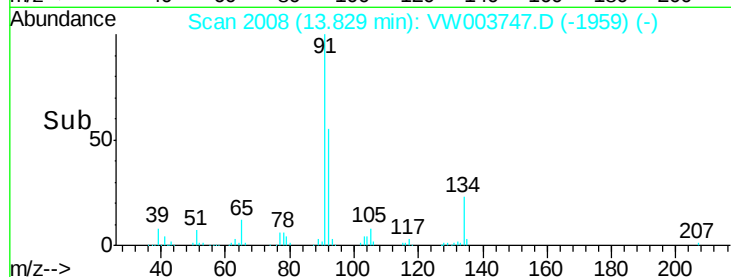
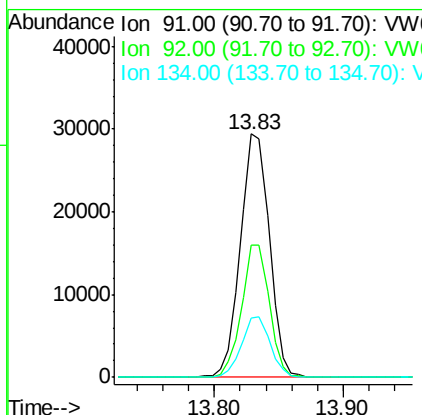
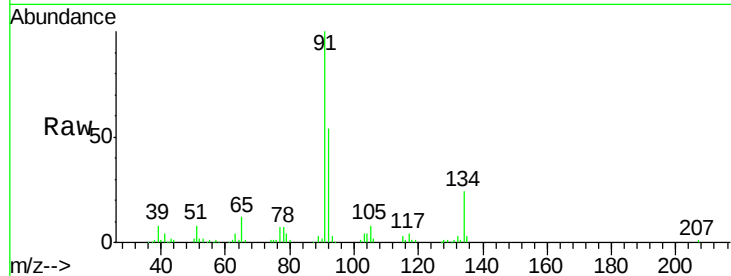
#89
n-Butylbenzene
Concen: 4.45 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.3
134	24.3	12.4	37.4

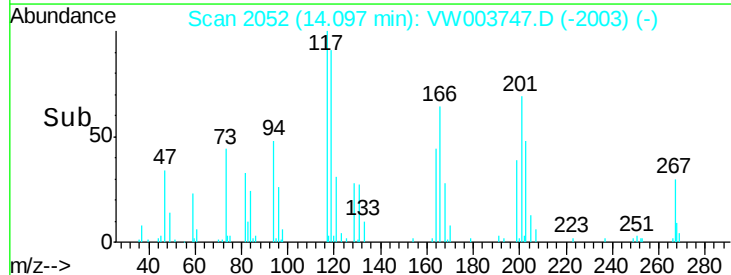
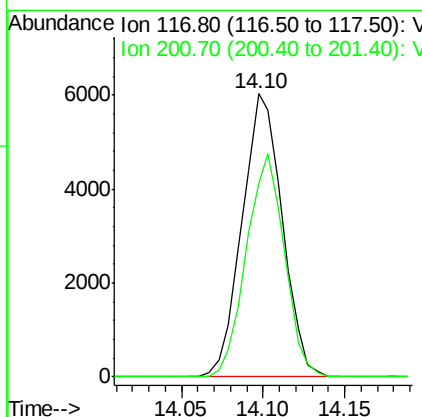
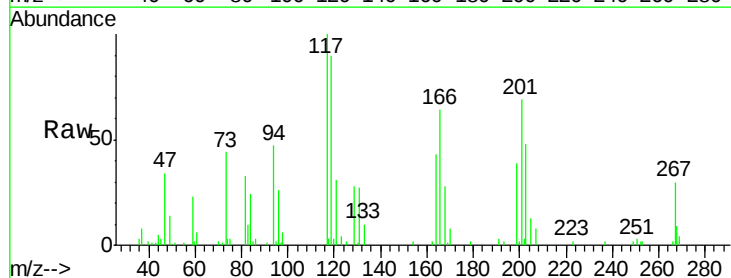
Manual Integrations
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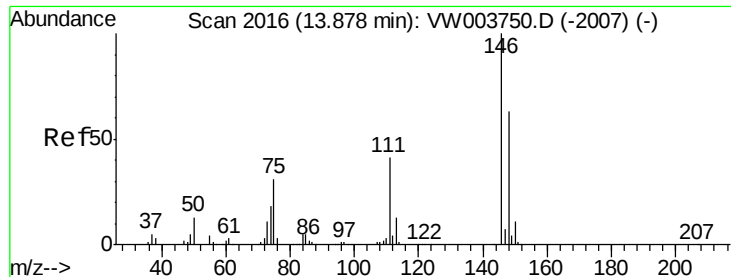
apatel
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#90
Hexachloroethane
Concen: 5.32 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.4	39.2	117.6





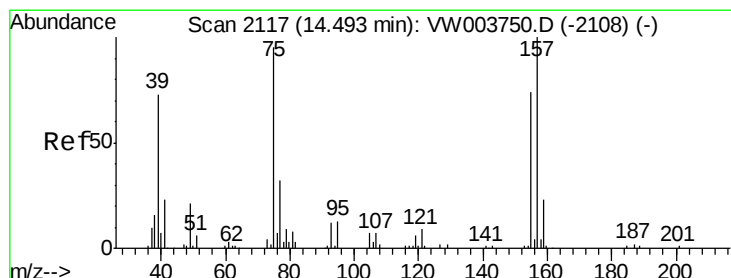
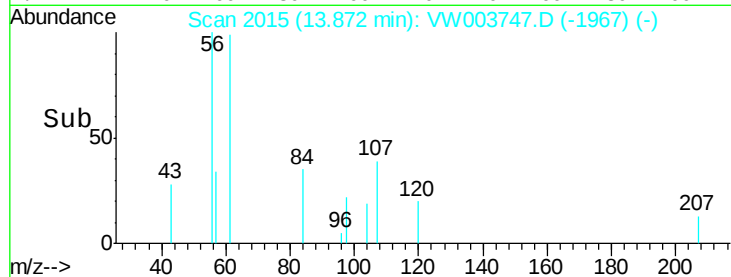
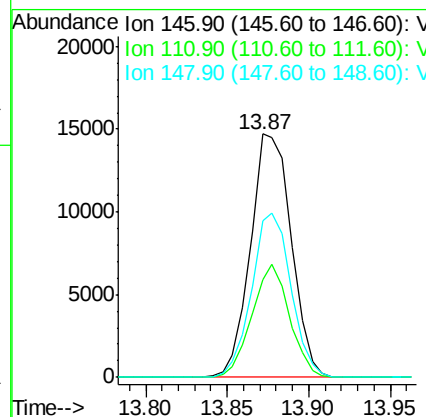
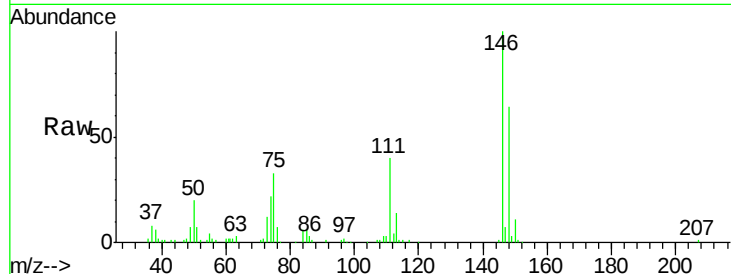
#91
 1,2-Dichlorobenzene
 Concen: 5.18 ug/l
 RT: 13.87 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.7	62.1
148	65.4	31.9	95.9

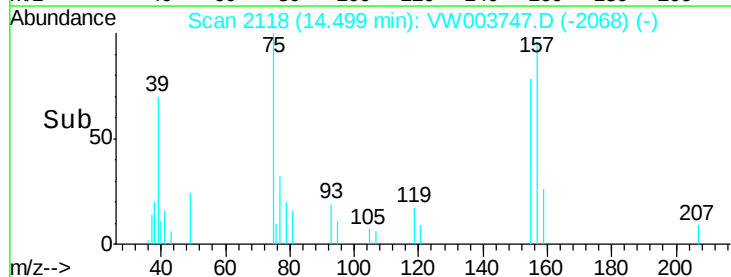
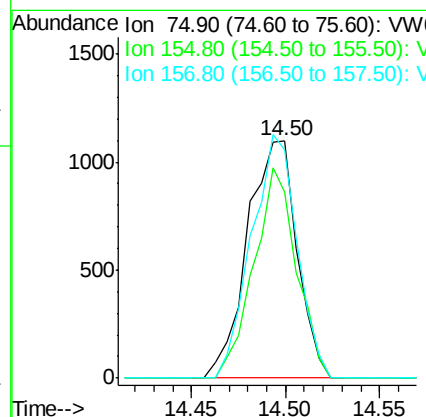
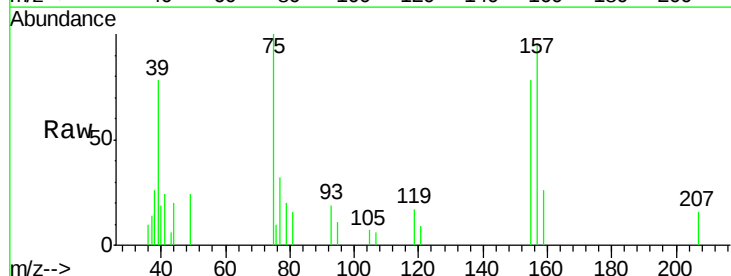
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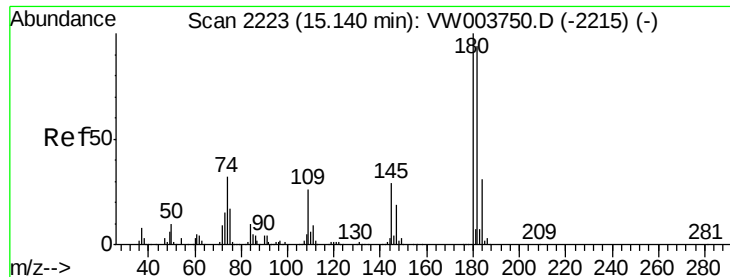
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.13 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	39.2	117.6
157	94.3	50.7	152.1





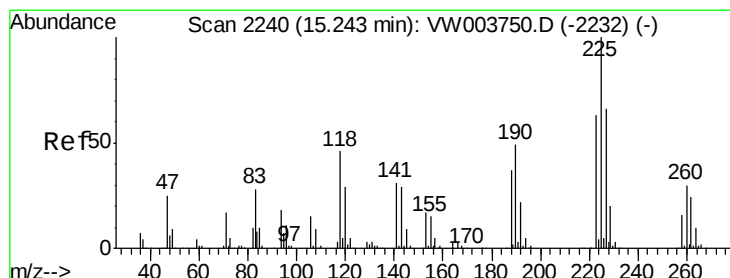
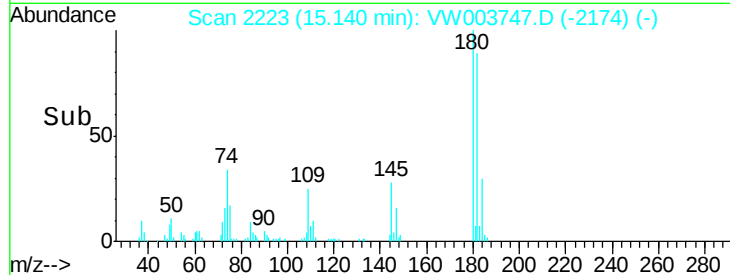
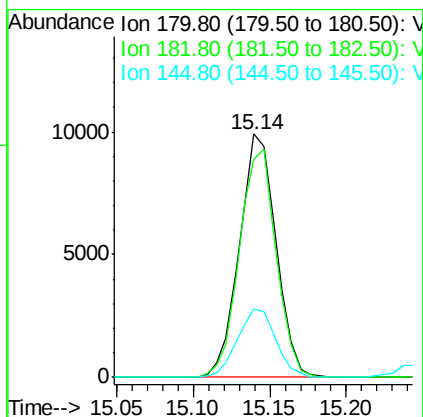
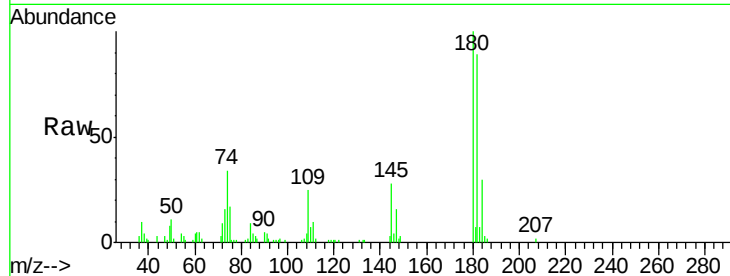
#93
 1,2,4-Trichlorobenzene
 Concen: 4.76 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.4	142.2
145	29.4	15.0	45.0

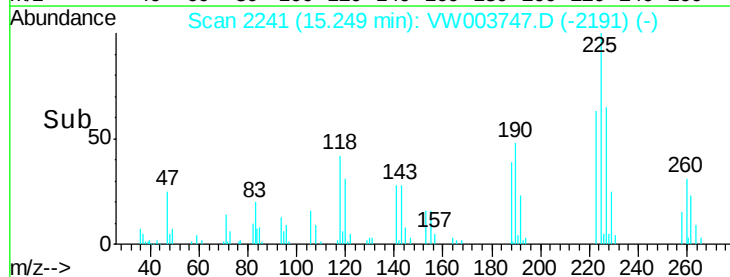
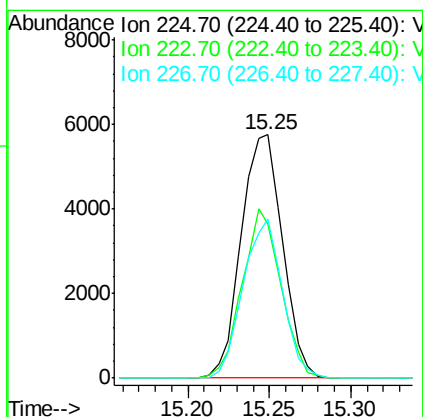
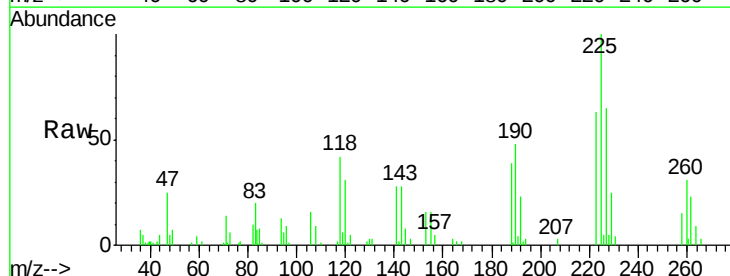
Manual Integrations
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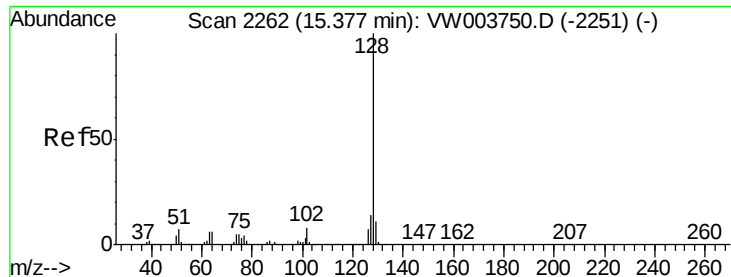
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#94
 Hexachlorobutadiene
 Concen: 5.11 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW003747.D
 Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.6	97.7
227	62.0	32.5	97.5





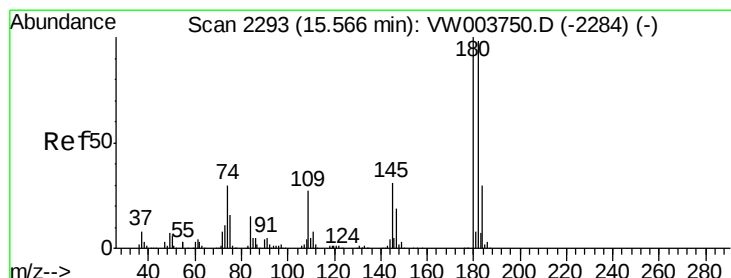
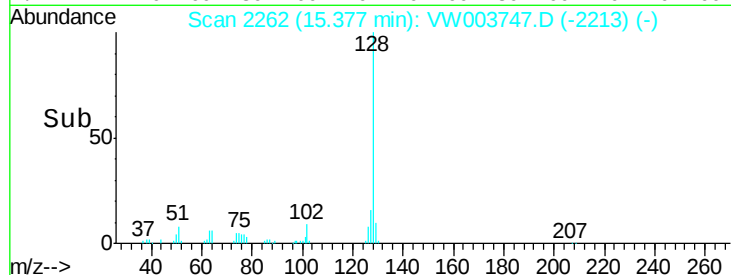
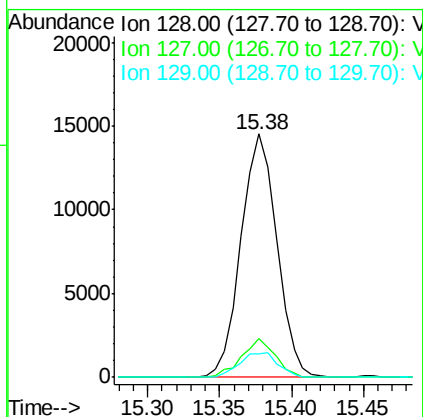
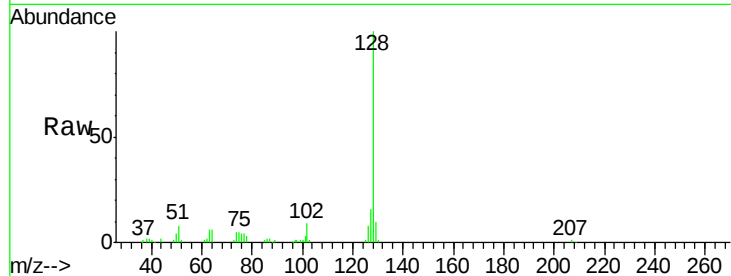
#95
Naphthalene
Concen: 3.97 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.8	16.2
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.72 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003747.D
Acq: 06 Jul 2018 22:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.3
145	32.5	15.8	47.4

