

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081218\
 Data File : VW004569.D
 Acq On : 09 Aug 2018 23:52
 Operator : SY/AP
 Sample : VW0812SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD01

Manual Integrations
 APPROVED

apatel
 8/10/2018 11:49:37 AM

Quant Time: Aug 10 05:26:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	675531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1073229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1036562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	549914	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	373061	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	7.88	113	360204	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.33	98	1436242	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.62	95	519252	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	99935	21.56	ug/l	100
3) Chloromethane	2.22	50	131701	20.39	ug/l	98
4) Vinyl Chloride	2.37	62	197107	21.85	ug/l	99
5) Bromomethane	2.78	94	117383	22.34	ug/l	95
6) Chloroethane	2.92	64	118271	21.94	ug/l	99
7) Trichlorofluoromethane	3.26	101	81718	24.52	ug/l	95
8) Diethyl Ether	3.68	74	86036	20.41	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	154655	21.01	ug/l	99
10) Methyl Iodide	4.26	142	239430	21.68	ug/l	100
11) Tert butyl alcohol	5.21	59	40402	92.27	ug/l	99
12) 1,1-Dichloroethene	4.03	96	155222	20.95	ug/l	99
13) Acrolein	3.89	56	53285	99.33	ug/l	99
14) Allyl chloride	4.66	41	240013	21.56	ug/l	99
15) Acrylonitrile	5.37	53	186122	99.36	ug/l	99
16) Acetone	4.14	43	191269	102.42	ug/l	100
17) Carbon Disulfide	4.38	76	514735	21.62	ug/l	97
18) Methyl Acetate	4.67	43	90868	19.51	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	201782	19.97	ug/l	96
20) Methylene Chloride	4.92	84	231768	20.11	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	169183	21.19	ug/l	97
22) Diisopropyl ether	6.31	45	502535	21.97	ug/l	99
23) Vinyl Acetate	6.26	43	1346881	97.98	ug/l	99
24) 1,1-Dichloroethane	6.21	63	309090	21.11	ug/l	100
25) 2-Butanone	7.18	43	288057	95.89	ug/l	97
26) 2,2-Dichloropropane	7.17	77	160963	20.95	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	181132	21.09	ug/l	99
28) Bromochloromethane	7.51	49	129819	20.38	ug/l	98
29) Tetrahydrofuran	7.54	42	149636	96.35	ug/l	98
30) Chloroform	7.68	83	303349	21.10	ug/l	99
31) Cyclohexane	7.96	56	282644	20.18	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	232893	21.56	ug/l	98
36) 1,1-Dichloropropene	8.08	75	238706	20.66	ug/l	100
37) Ethyl Acetate	7.26	43	102675	18.97	ug/l	98
38) Carbon Tetrachloride	8.07	117	214008	20.58	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279692	19.75	ug/l	97
40) Benzene	8.32	78	708934	20.89	ug/l	100
41) Methacrylonitrile	7.49	41	56270	18.62	ug/l	98
42) 1,2-Dichloroethane	8.40	62	189746	20.21	ug/l	100
43) Isopropyl Acetate	8.43	43	177866	18.85	ug/l	100
44) Trichloroethene	9.09	130	170575	20.46	ug/l	100
45) 1,2-Dichloropropane	9.37	63	175719	20.68	ug/l	97
46) Dibromomethane	9.46	93	86923	20.09	ug/l	99
47) Bromodichloromethane	9.65	83	205783	20.15	ug/l	100
48) Methyl methacrylate	9.44	41	85027	19.28	ug/l	100
49) 1,4-Dioxane	9.47	88	26607	403.13	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	632150	96.27	ug/l	99
52) Toluene	10.39	92	427689	21.37	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	201827	19.68	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	240900	20.16	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	123400	19.90	ug/l	98
56) Ethyl methacrylate	10.65	69	144228	19.43	ug/l	100
57) 1,3-Dichloropropane	10.93	76	216900	20.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	351810	94.99	ug/l	99
59) 2-Hexanone	10.98	43	425513	95.57	ug/l	98
60) Dibromochloromethane	11.13	129	136076	20.18	ug/l	99
61) 1,2-Dibromoethane	11.24	107	117962	20.25	ug/l	99
64) Tetrachloroethene	10.87	164	153335	21.21	ug/l	97
65) Chlorobenzene	11.66	112	474089	20.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	155416	19.98	ug/l	99
67) Ethyl Benzene	11.74	91	796028	20.56	ug/l	99
68) m/p-Xylenes	11.84	106	626637	41.87	ug/l	100
69) o-Xylene	12.17	106	282565	20.36	ug/l	98
70) Styrene	12.18	104	483810	20.63	ug/l	99
71) Bromoform	12.35	173	82866	19.38	ug/l	97
73) Isopropylbenzene	12.47	105	783336	20.59	ug/l	99
74) N-amyl acetate	12.28	43	169916	18.42	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	155140	19.54	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	101975m	17.92	ug/l	
77) Bromobenzene	12.75	156	190292	20.68	ug/l	100
78) n-propylbenzene	12.81	91	982114	20.92	ug/l	100
79) 2-Chlorotoluene	12.90	91	567700	20.90	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	694333	21.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	42951	18.07	ug/l	96
82) 4-Chlorotoluene	12.99	91	613604	21.29	ug/l	100
83) tert-Butylbenzene	13.21	119	563448	20.70	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	708805	21.10	ug/l	100
85) sec-Butylbenzene	13.39	105	849605	20.69	ug/l	100
86) p-Isopropyltoluene	13.51	119	741578	20.84	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	390801	20.61	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	386907	20.50	ug/l	99
89) n-Butylbenzene	13.83	91	705506	20.18	ug/l	99
90) Hexachloroethane	14.10	117	129661	19.70	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	353006	20.52	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24095	18.57	ug/l	98

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ClientSampleId :
VW0812SBSD01

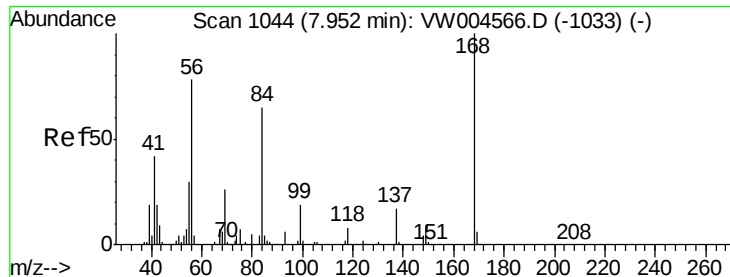
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	239636	20.12	ug/l	100
94) Hexachlorobutadiene	15.24	225	140420	20.25	ug/l	99
95) Naphthalene	15.38	128	417729	18.92	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	216380	20.22	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampled :

VW0812SBSD01

Tot Ion:168 Resp: 675531

Ion Ratio Lower Upper

168 100

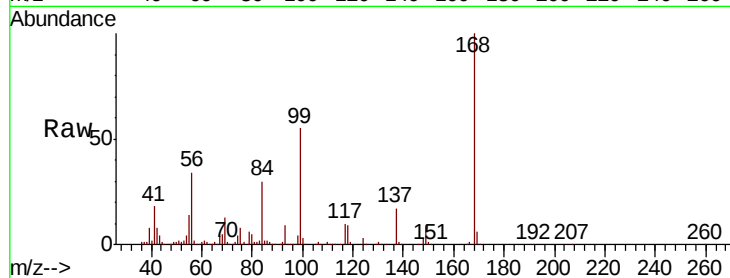
99 54.9 44.1 66.1

Manual Integrations

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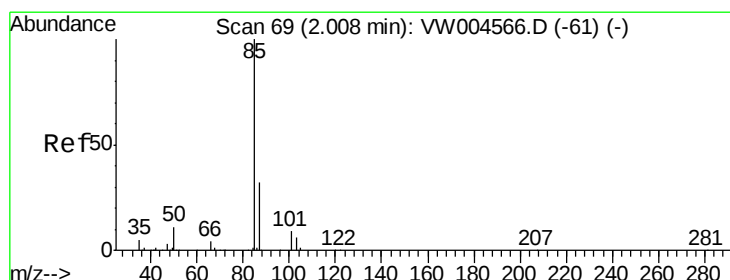
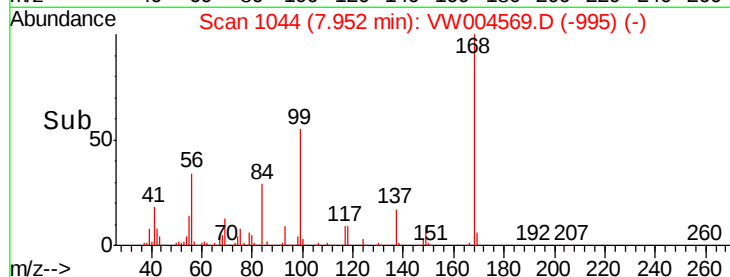
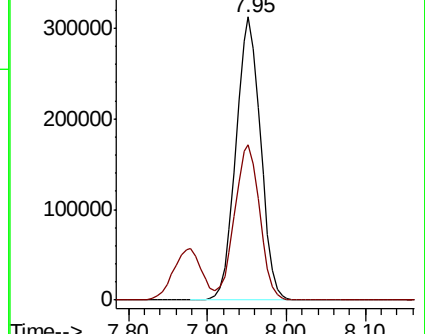
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.56 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004569.D

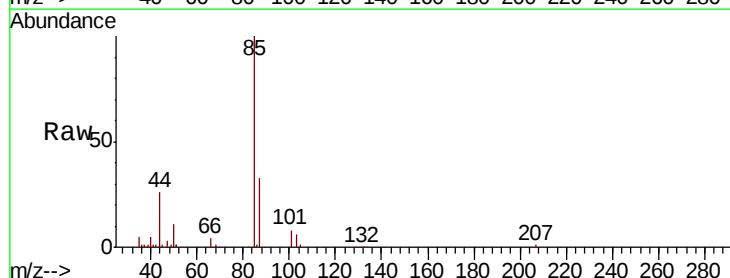
Acq: 09 Aug 2018 23:52

Tgt Ion: 85 Resp: 99935

Ion Ratio Lower Upper

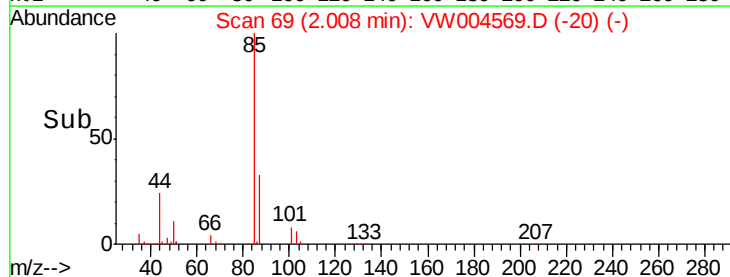
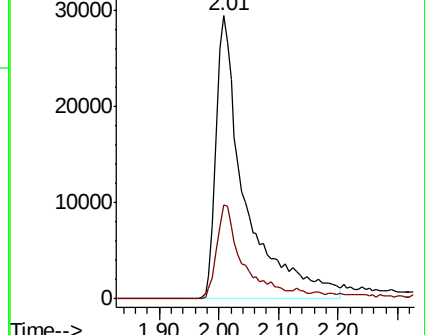
85 100

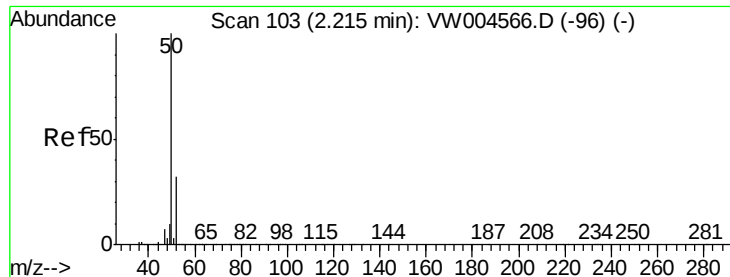
87 33.3 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.39 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 50 Resp: 131701

Ion Ratio Lower Upper

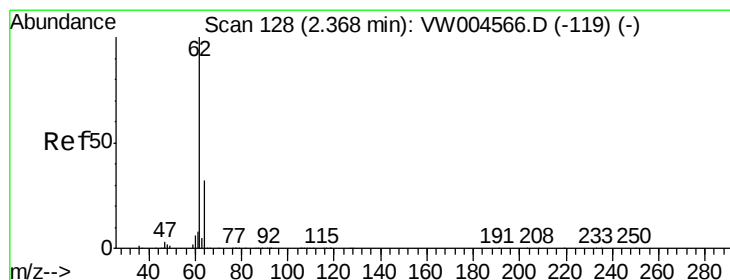
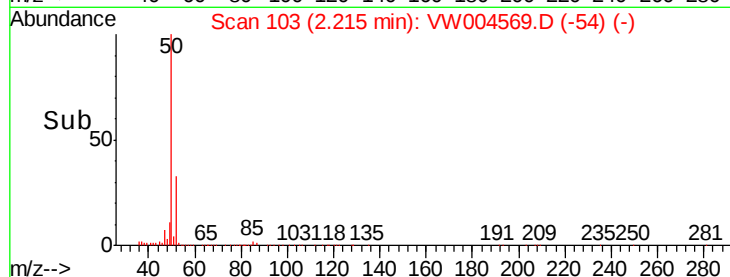
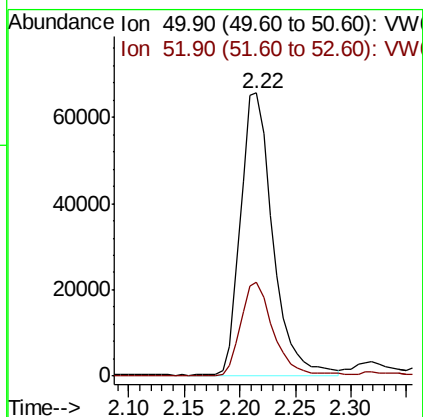
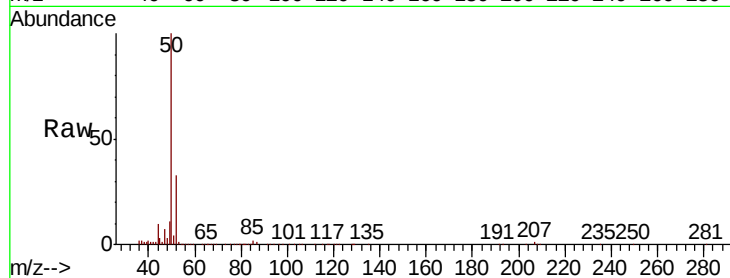
50 100

52 33.3 25.8 38.8

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#4

Vinyl Chloride

Concen: 21.85 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004569.D

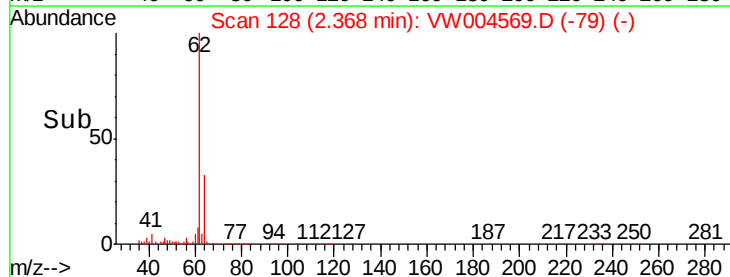
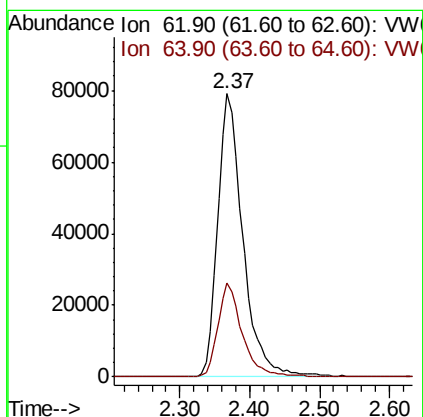
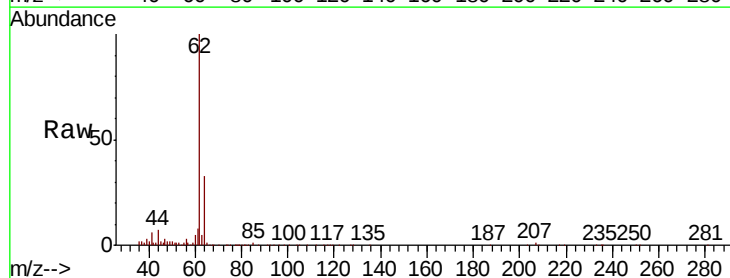
Acq: 09 Aug 2018 23:52

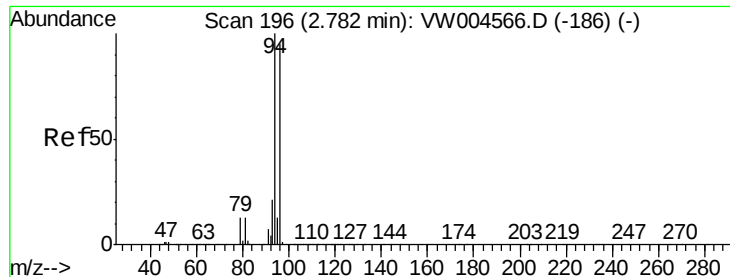
Tgt Ion: 62 Resp: 197107

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.2





#5

Bromomethane

Concen: 22.34 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 94 Resp: 117383

Ion Ratio Lower Upper

94 100

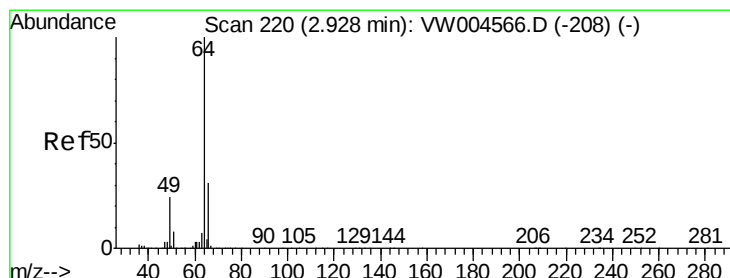
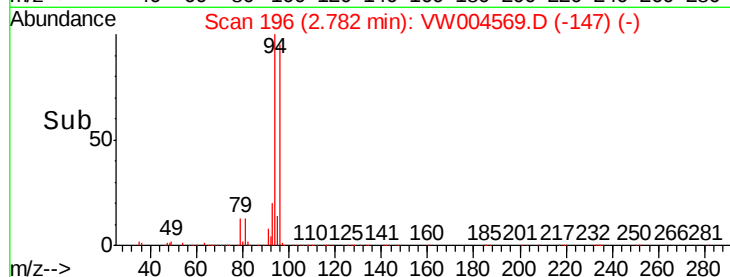
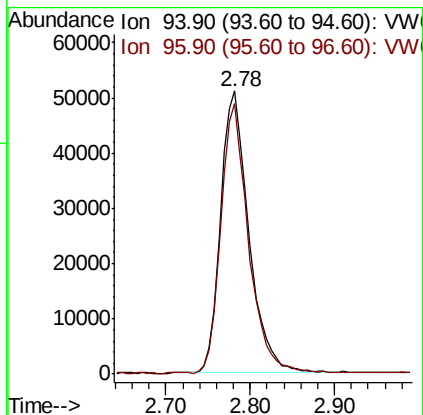
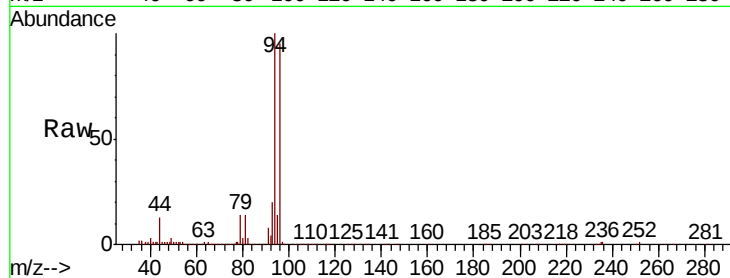
96 95.5 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 21.94 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004569.D

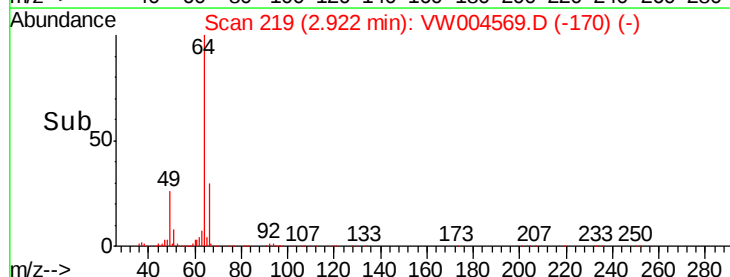
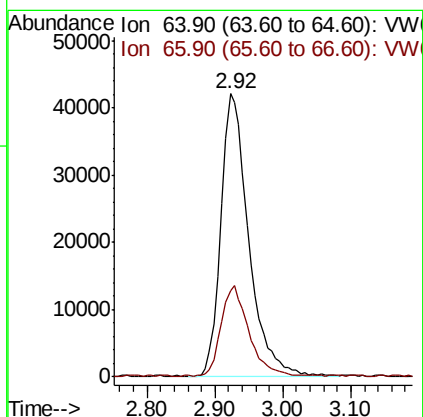
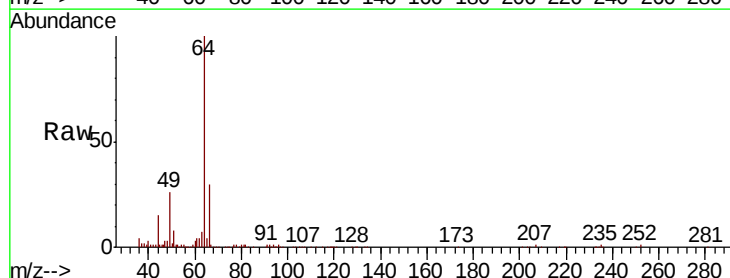
Acq: 09 Aug 2018 23:52

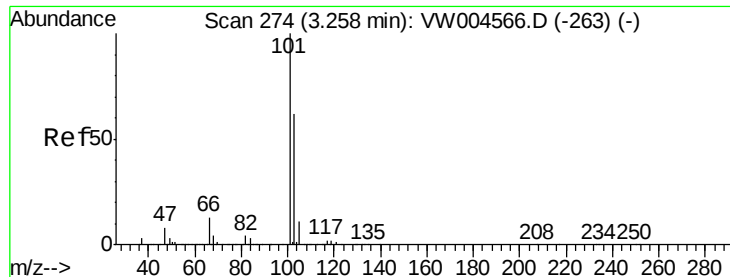
Tgt Ion: 64 Resp: 118271

Ion Ratio Lower Upper

64 100

66 30.0 24.6 36.8





#7

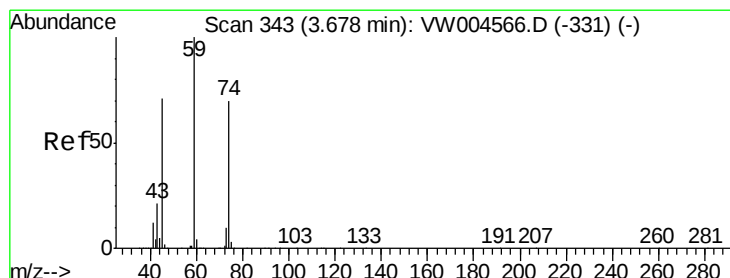
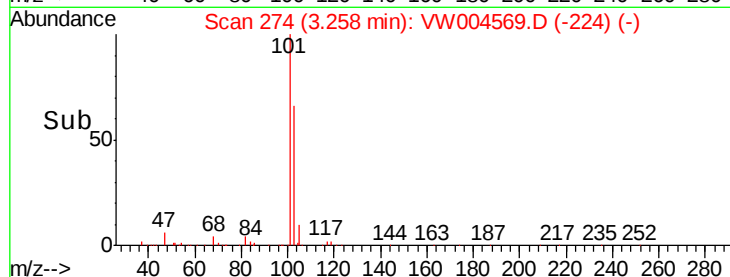
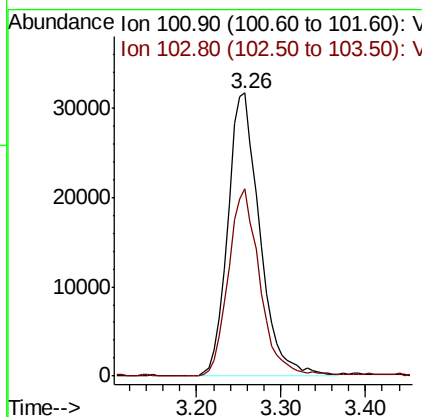
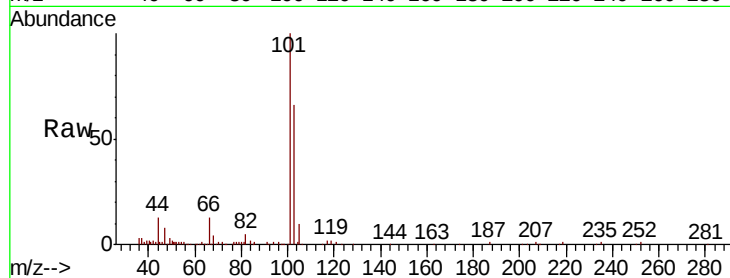
Trichlorofluoromethane
 Concen: 24.52 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	49.8	74.8

Manual Integrations
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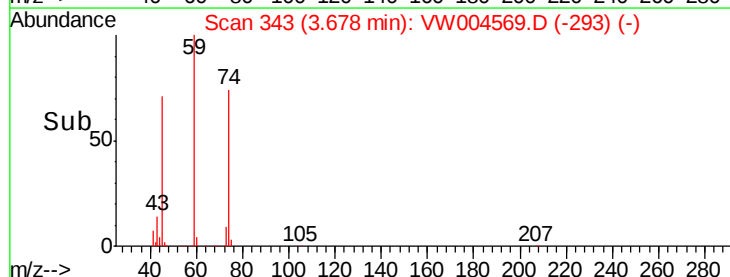
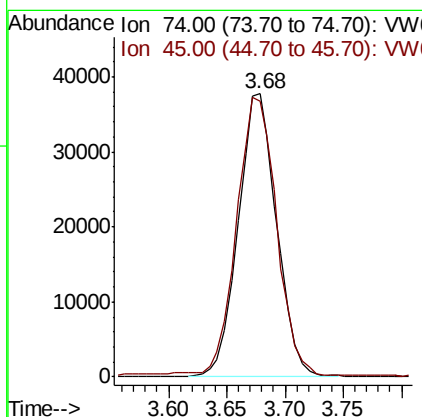
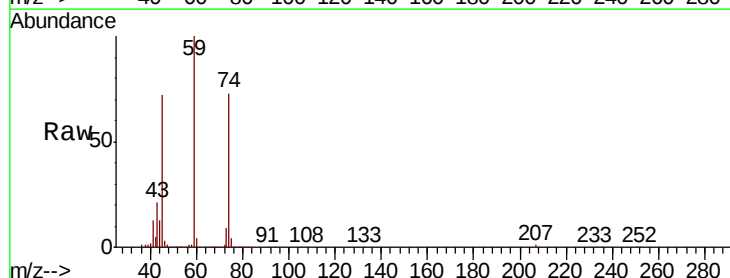
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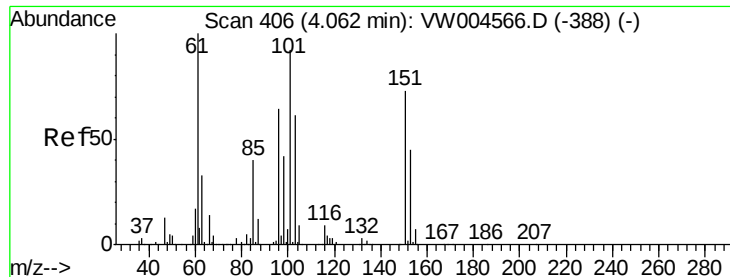


#8

Diethyl Ether
 Concen: 20.41 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.9	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.01 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

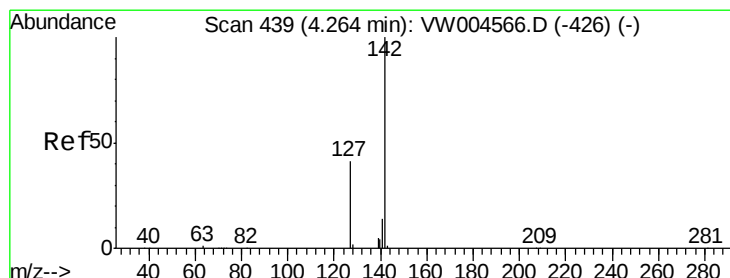
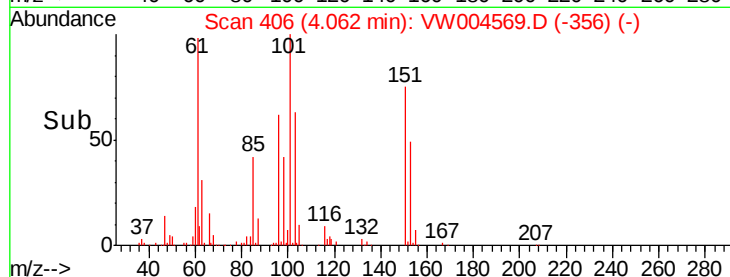
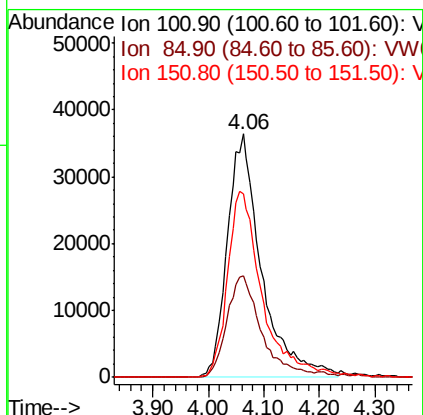
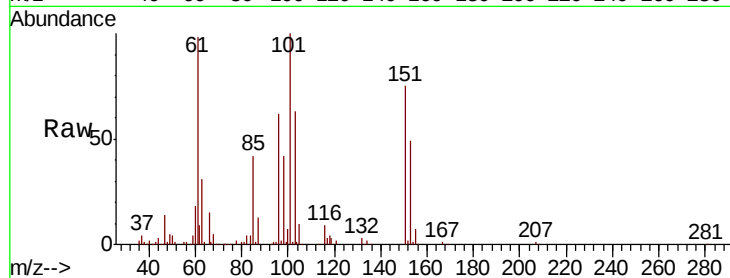
ClientSampleId :

VW0812SBSD01

Tot Ion:	101	Resp:	154655
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.6	51.8
151	77.6	61.3	91.9

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#10

Methyl Iodide

Concen: 21.68 ug/l

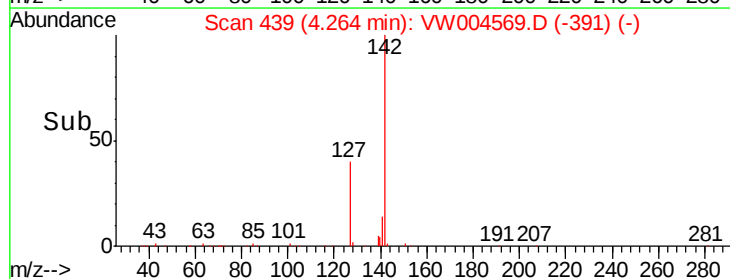
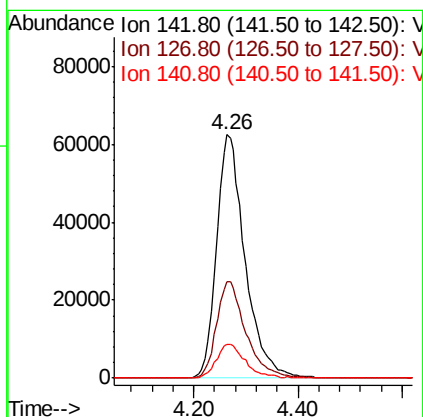
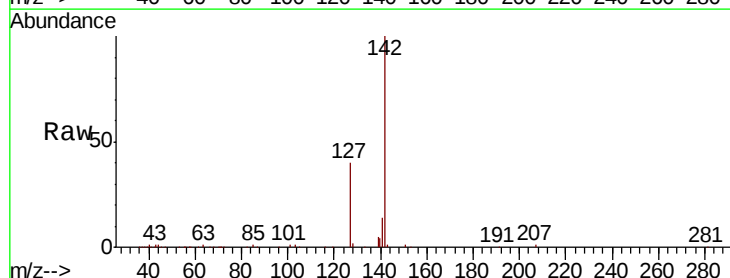
RT: 4.26 min Scan# 439

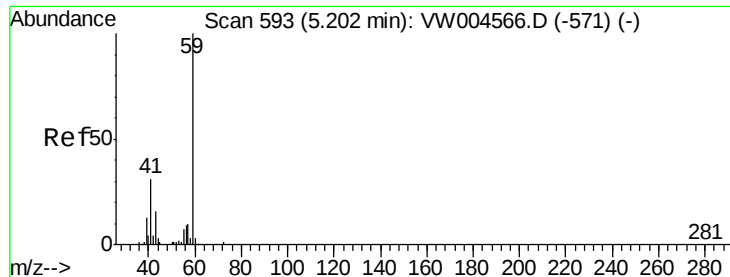
Delta R.T. -0.01 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Tgt Ion:	142	Resp:	239430
Ion Ratio	Lower	Upper	
142	100		
127	40.9	32.7	49.1
141	14.2	11.5	17.3





#11

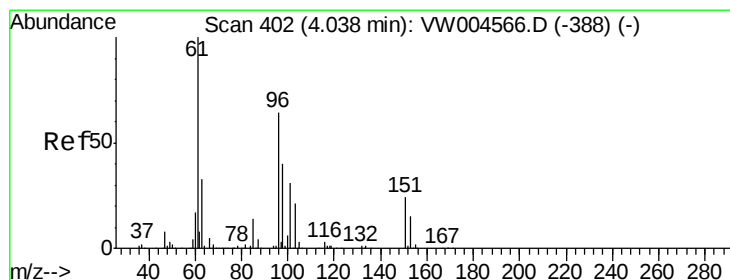
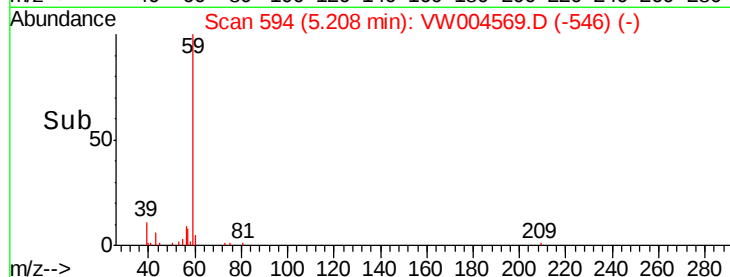
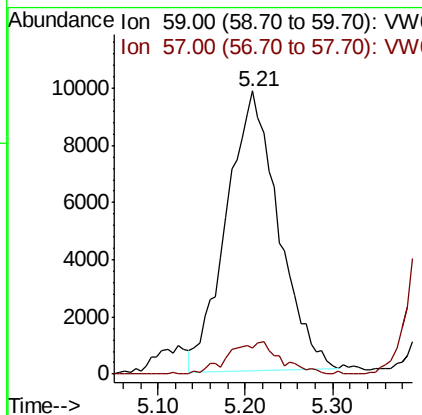
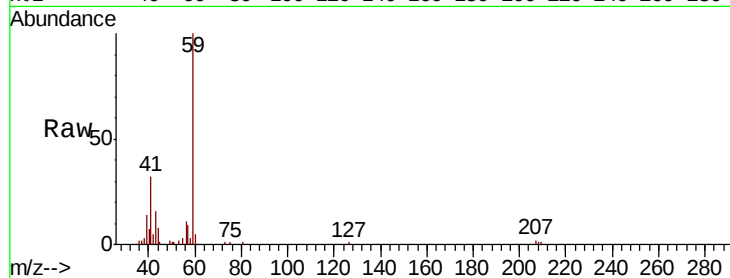
Tert butyl alcohol
 Concen: 92.27 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD01

Tot Ion	59	Resp	40402
Ion Ratio	100	Lower	Upper
57	11.6	9.1	13.7

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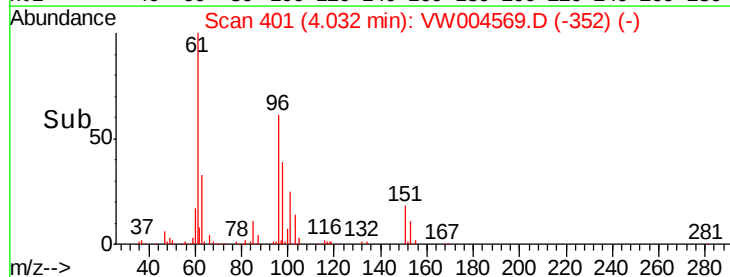
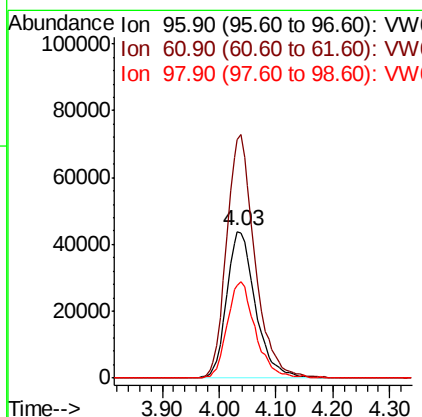
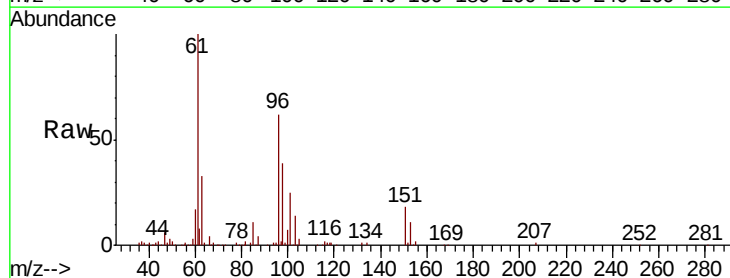
apatel
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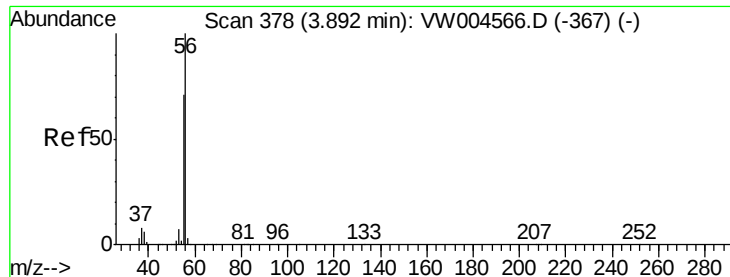


#12

1,1-Dichloroethene
 Concen: 20.95 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Tgt Ion	96	Resp	155222
Ion Ratio	100	Lower	Upper
61	162.2	130.6	195.8
98	63.2	49.6	74.4





#13

Acrolein

Concen: 99.33 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 56 Resp: 53285

Ion Ratio Lower Upper

56 100

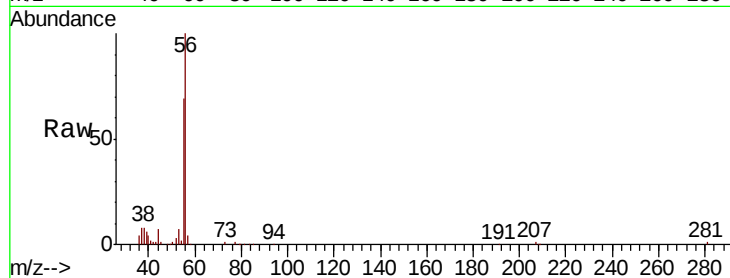
55 71.6 56.7 85.1

Manual Integrations

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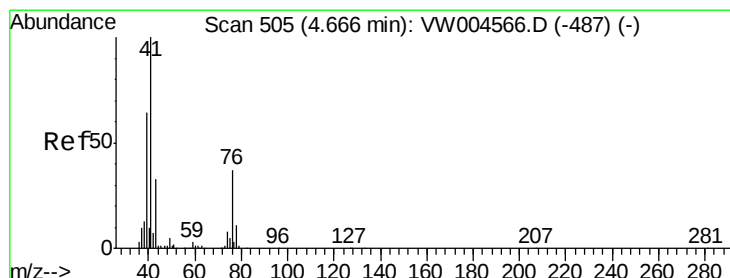
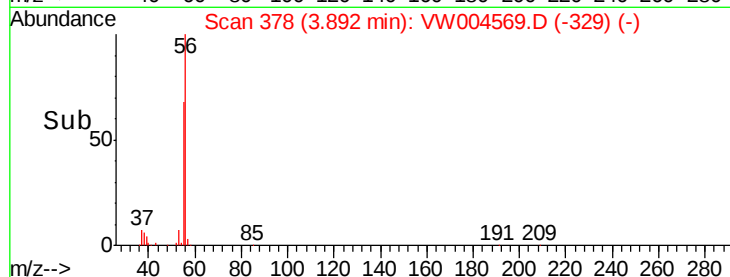
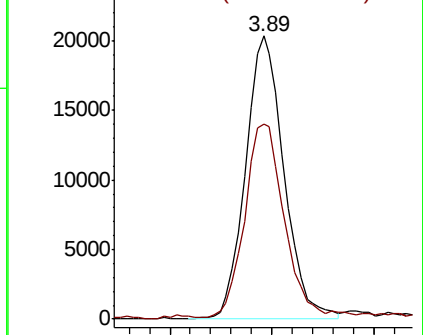
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.56 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

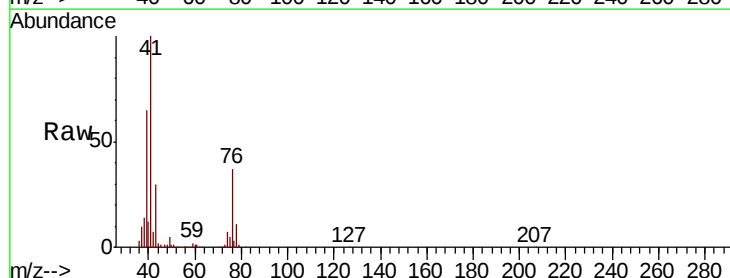
Tgt Ion: 41 Resp: 240013

Ion Ratio Lower Upper

41 100

39 63.8 51.9 77.9

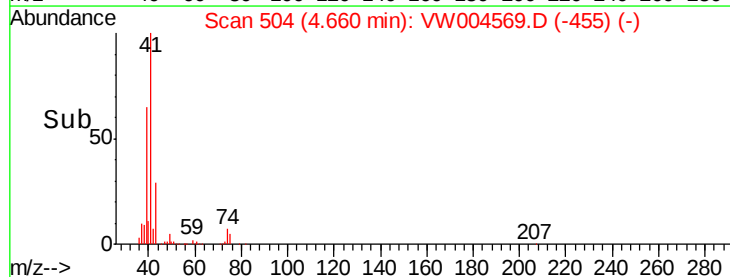
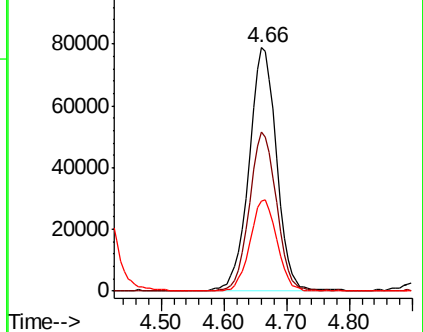
76 36.3 29.0 43.6

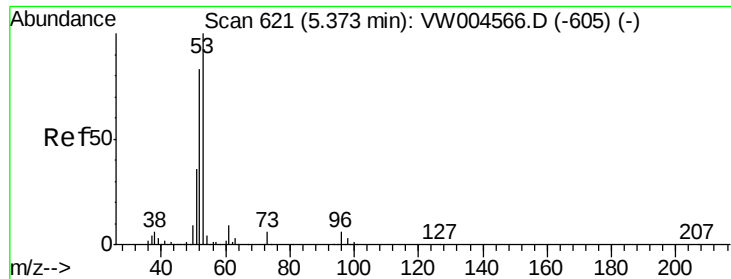


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 99.36 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

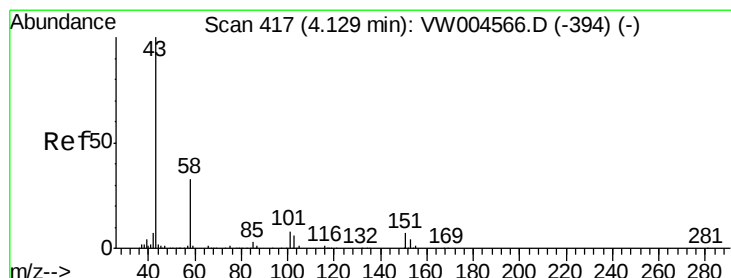
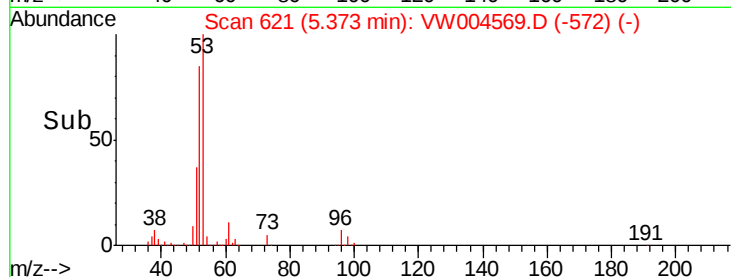
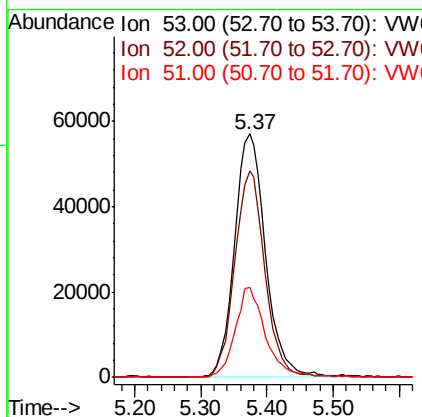
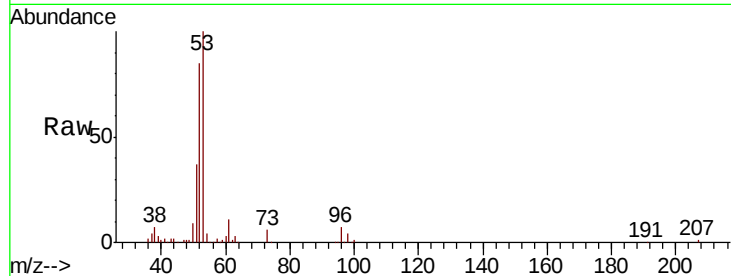
ClientSampleId :

VW0812SBSD01

Tot Ion	53	Resp	186122
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.5	99.7
51	35.7	28.4	42.6

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#16

Acetone

Concen: 102.42 ug/l

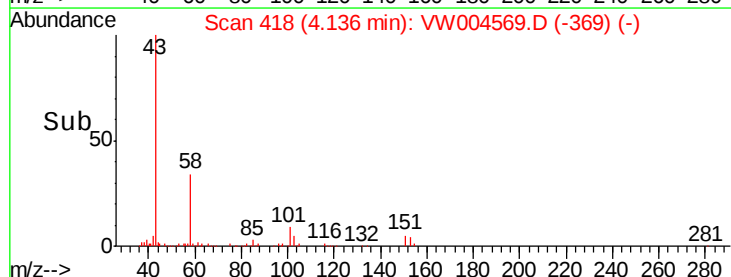
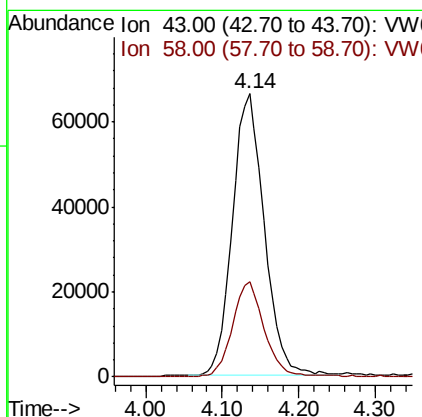
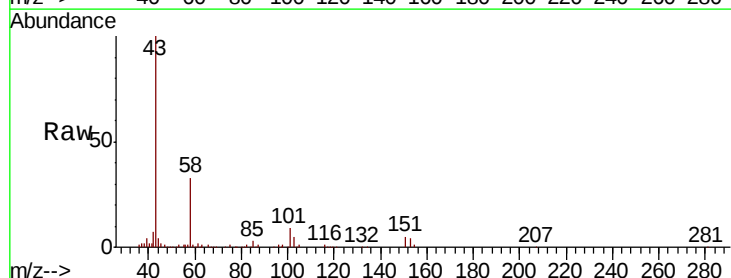
RT: 4.14 min Scan# 418

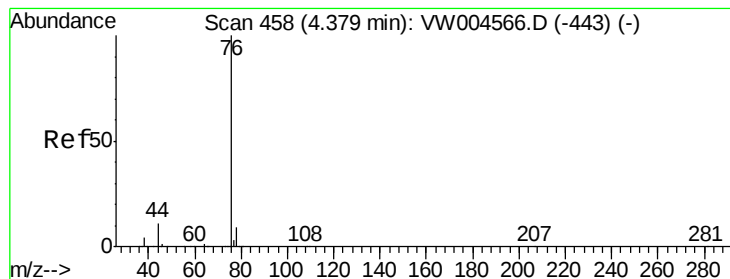
Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Tgt Ion	43	Resp	191269
Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.8	40.2





#17

Carbon Disulfide

Concen: 21.62 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampled :

VW0812SBSD01

Tot Ion: 76 Resp: 514735

Ion Ratio Lower Upper

76 100

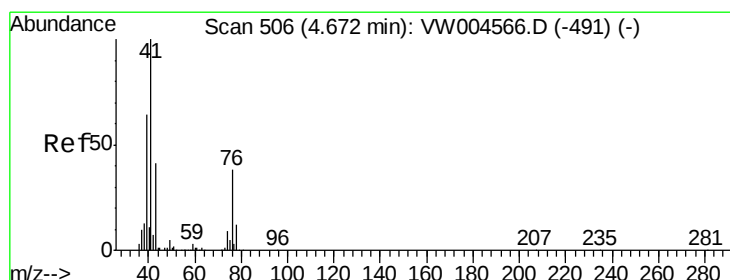
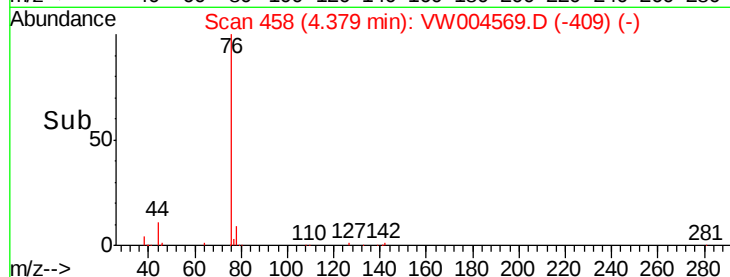
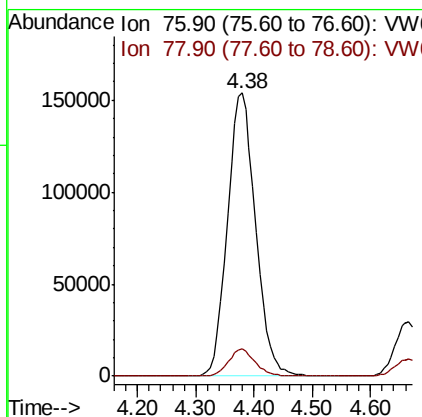
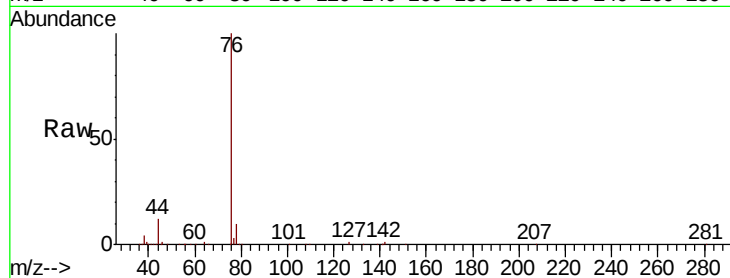
78 9.6 7.0 10.4

Manual Integrations

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#18

Methyl Acetate

Concen: 19.51 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004569.D

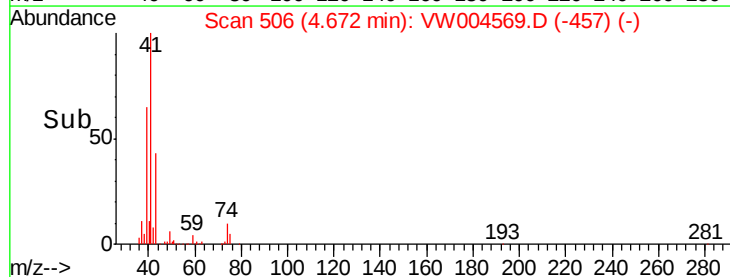
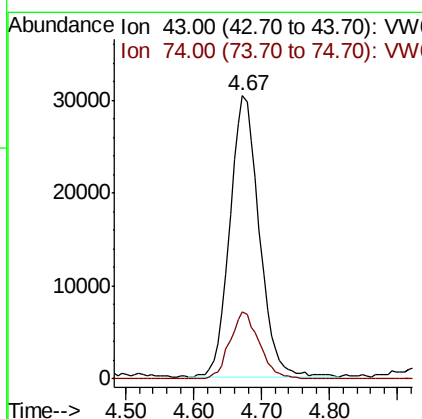
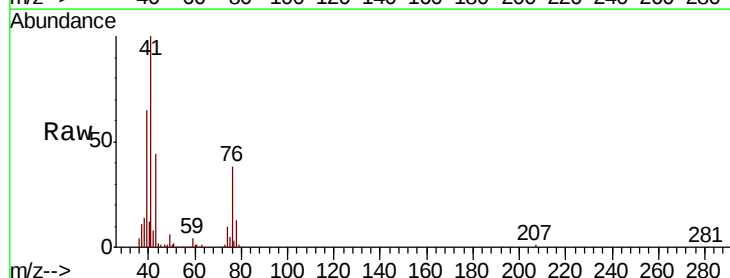
Acq: 09 Aug 2018 23:52

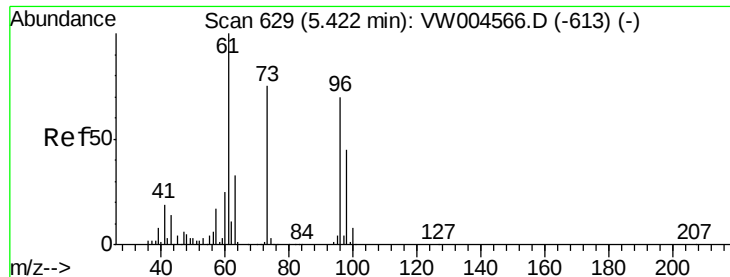
Tgt Ion: 43 Resp: 90868

Ion Ratio Lower Upper

43 100

74 23.7 19.1 28.7





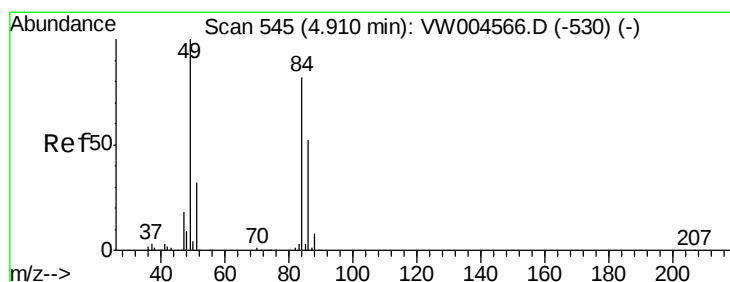
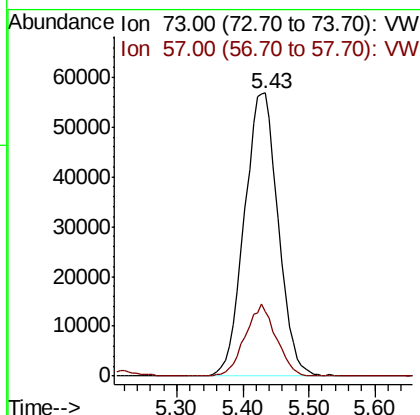
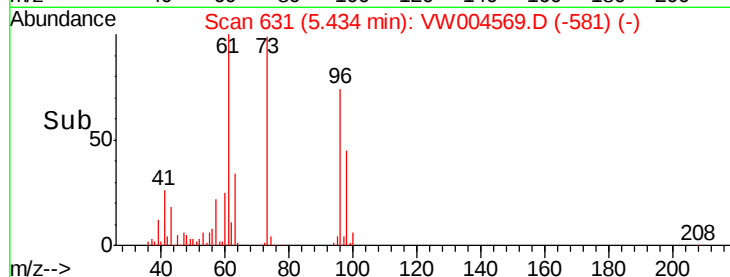
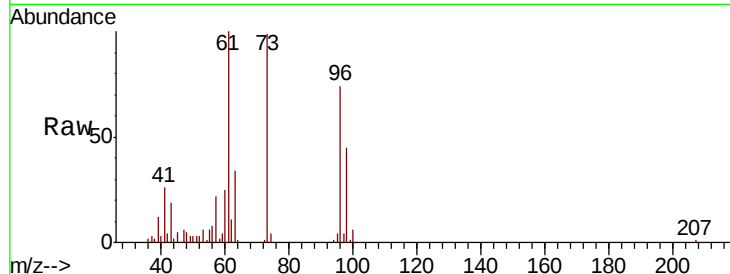
#19
Methvl tert-butvl Ether
Concen: 19.97 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion: 73 Resp: 201782
Ion Ratio Lower Upper
73 100
57 22.7 19.6 29.4

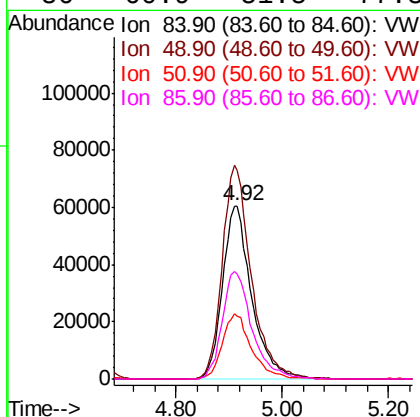
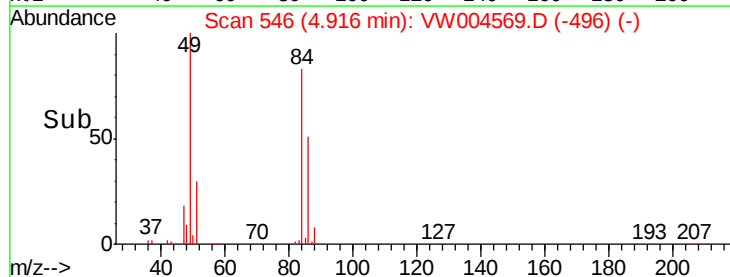
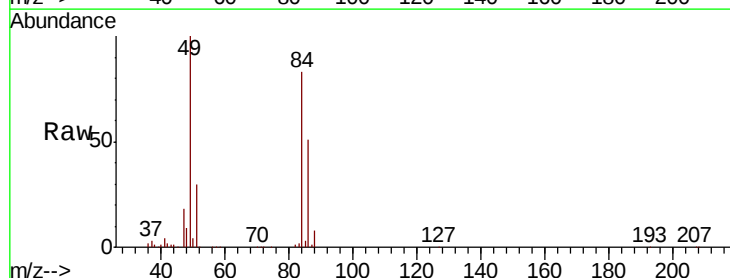
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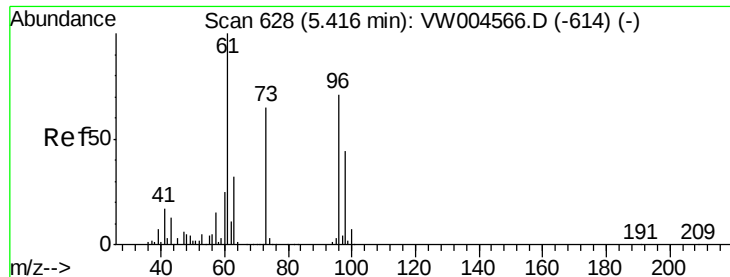
apatel
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#20
Methylene Chloride
Concen: 20.11 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion: 84 Resp: 231768
Ion Ratio Lower Upper
84 100
49 120.5 99.6 149.4
51 36.1 31.0 46.4
86 60.9 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 21.19 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 96 Resp: 169183

Ion Ratio Lower Upper

96 100

61 138.8 114.1 171.1

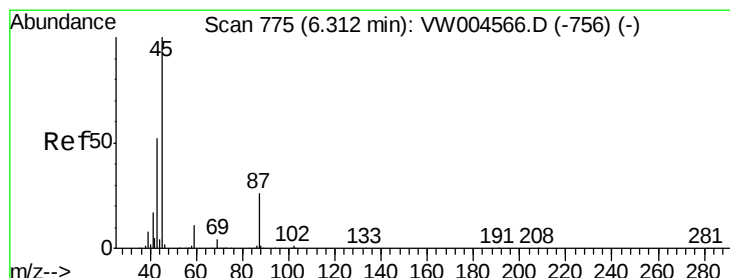
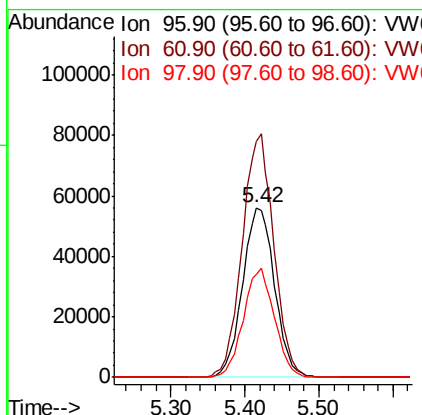
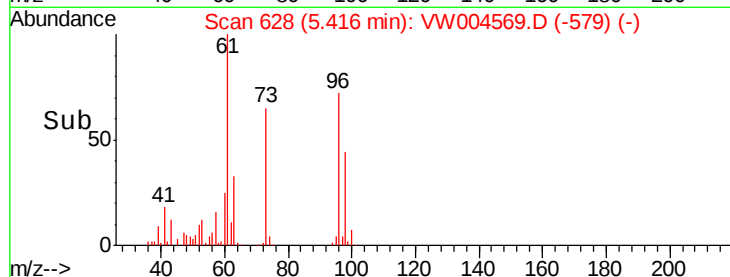
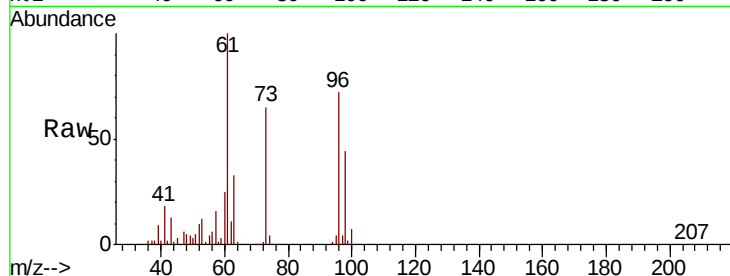
98 60.9 51.4 77.2

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#22

Diisopropyl ether

Concen: 21.97 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Tgt Ion: 45 Resp: 502535

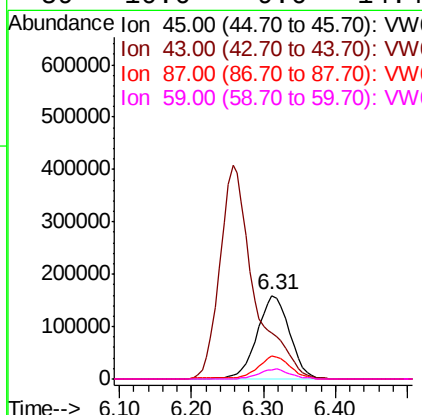
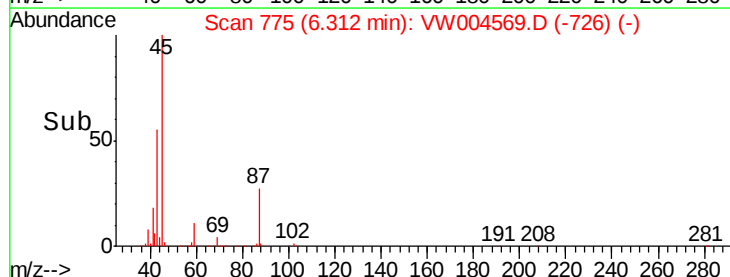
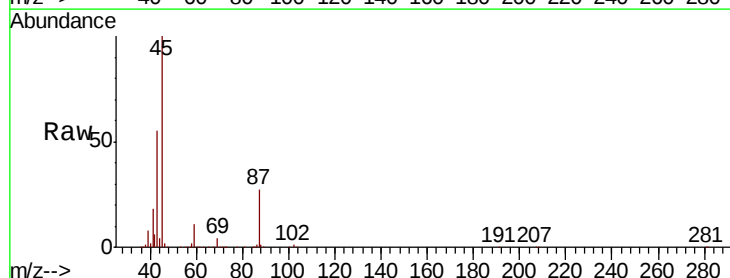
Ion Ratio Lower Upper

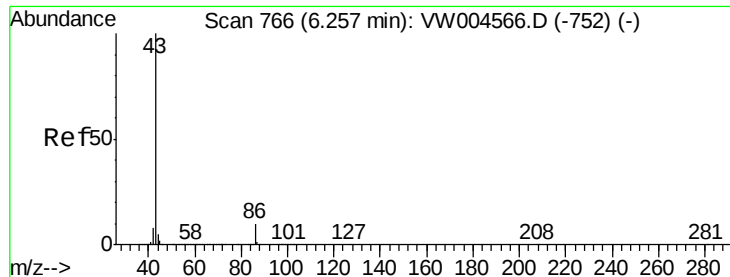
45 100

43 54.2 42.4 63.6

87 27.0 21.6 32.4

59 10.6 9.6 14.4





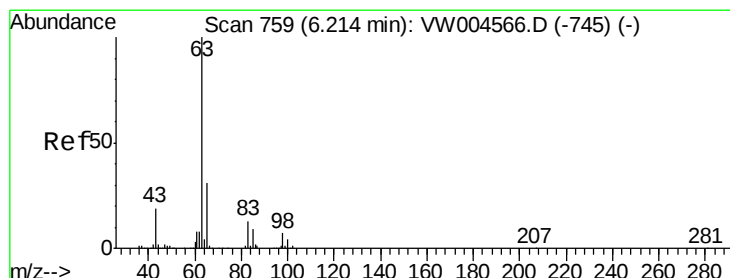
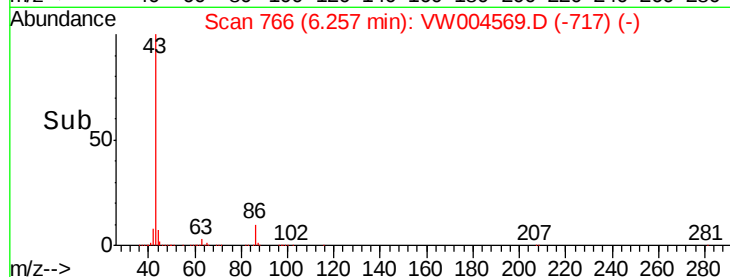
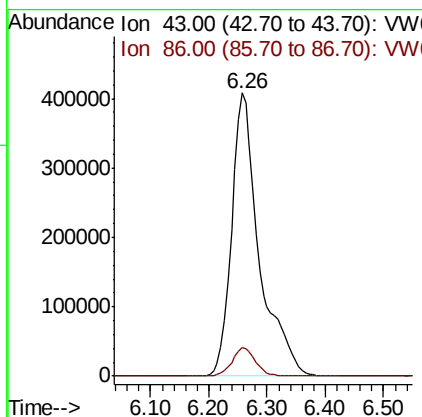
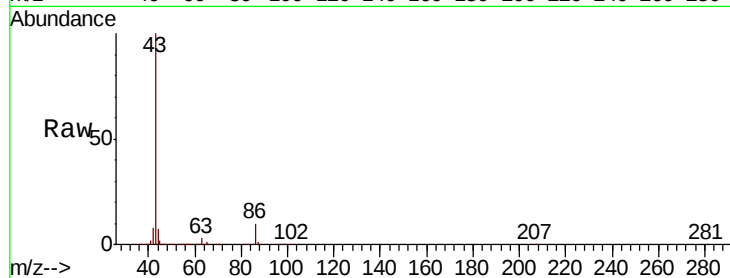
#23
 Vinyl Acetate
 Concen: 97.98 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBS01

Tot Ion: 43 Resp: 1346881
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

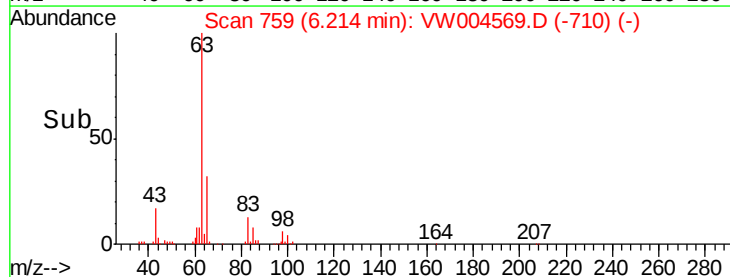
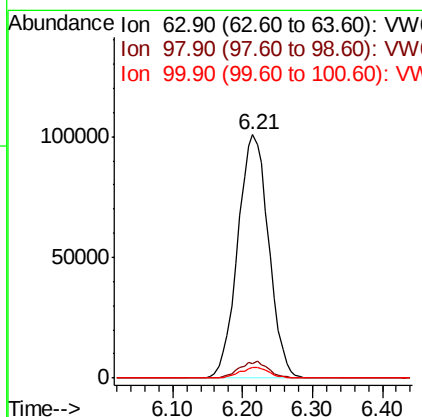
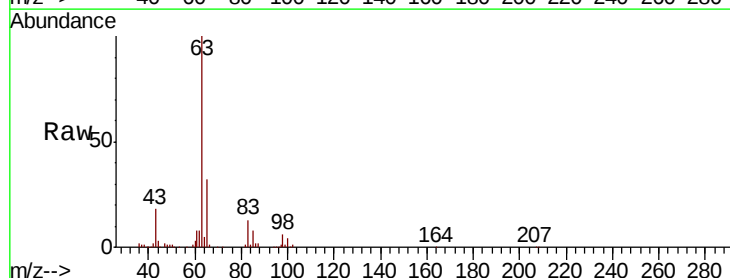
Manual Integrations
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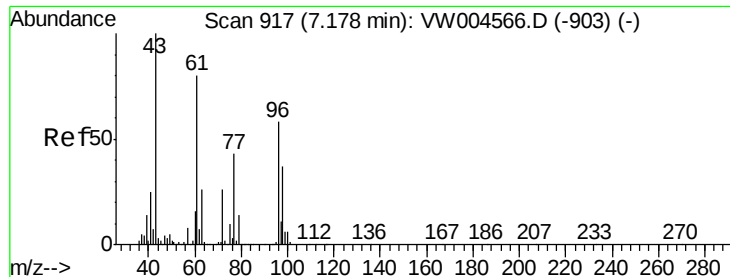
apatel
 8/10/2018 11:49:37 AM



#24
 1,1-Dichloroethane
 Concen: 21.11 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Tgt Ion: 63 Resp: 309090
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.1 9.3
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 95.89 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 43 Resp: 288057

Ion Ratio Lower Upper

43 100

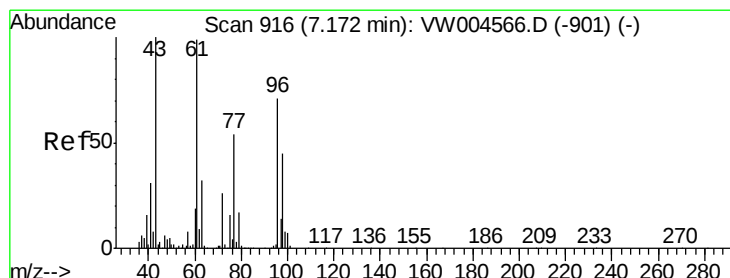
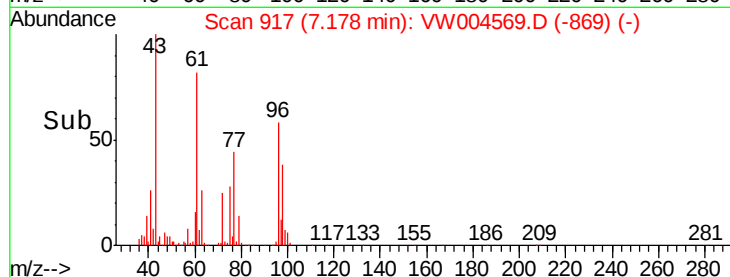
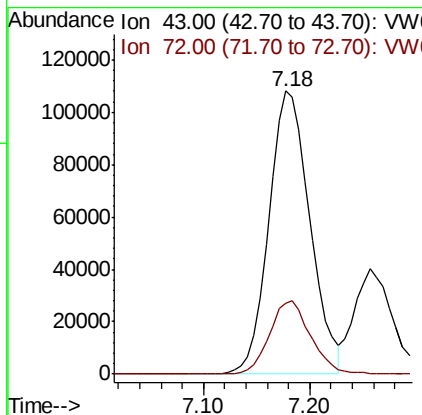
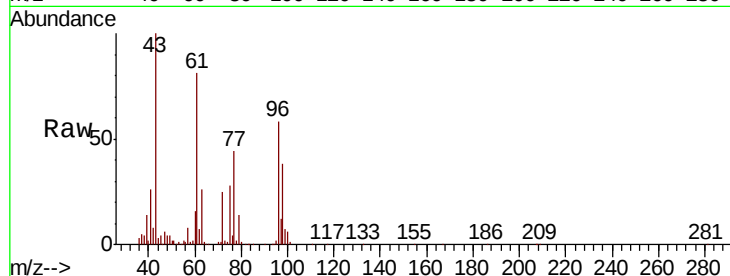
72 25.0 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.95 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004569.D

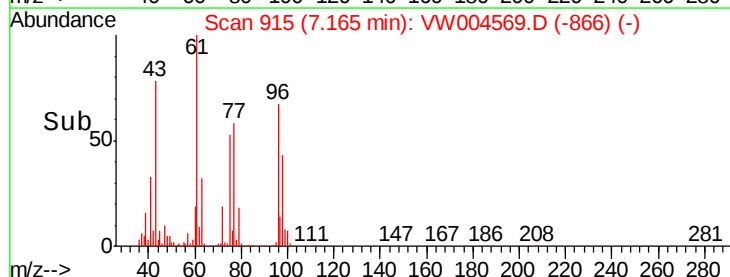
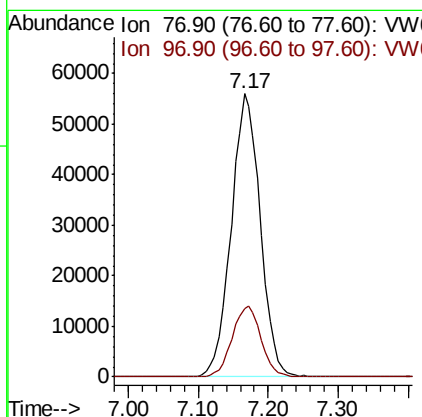
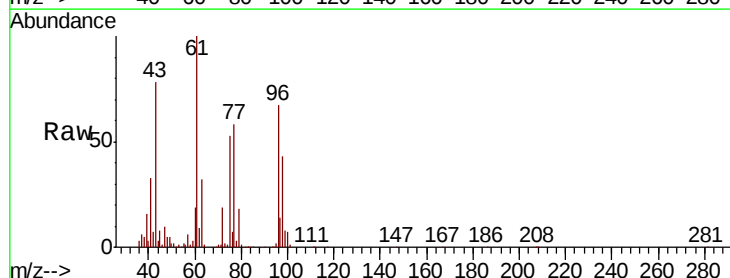
Acq: 09 Aug 2018 23:52

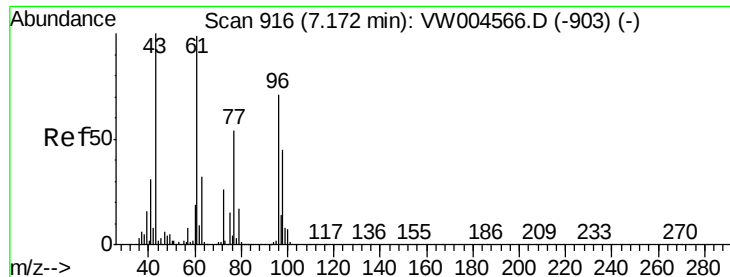
Tgt Ion: 77 Resp: 160963

Ion Ratio Lower Upper

77 100

97 24.8 12.5 37.5





#27

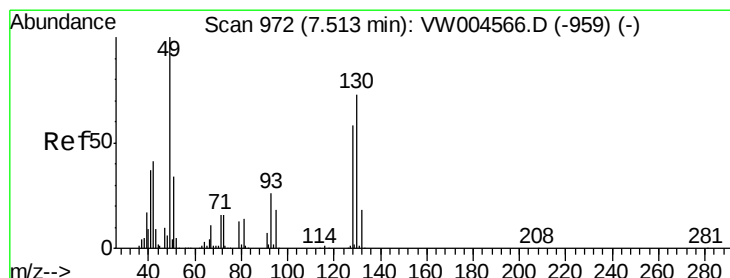
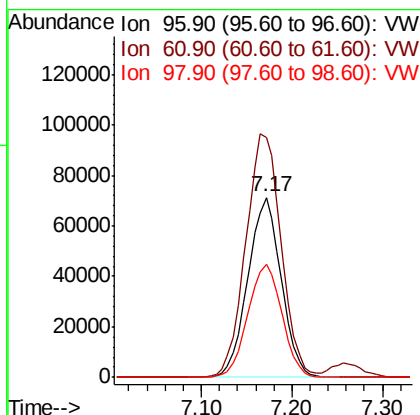
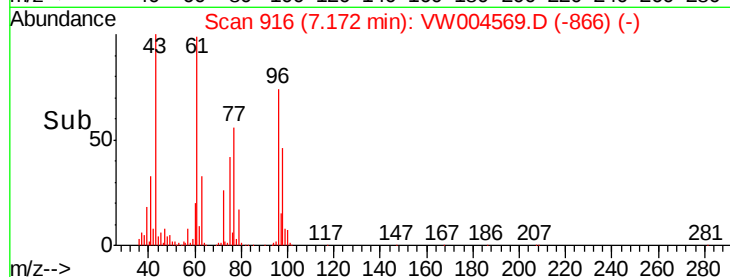
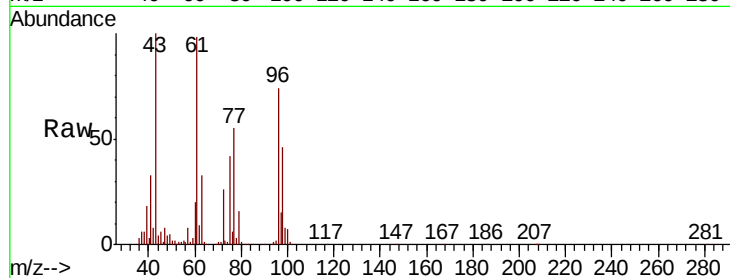
cis-1,2-Dichloroethene
Concen: 21.09 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	181132		
61	143.5	0.0	285.0	
98	64.3	0.0	128.6	

Manual Integrations
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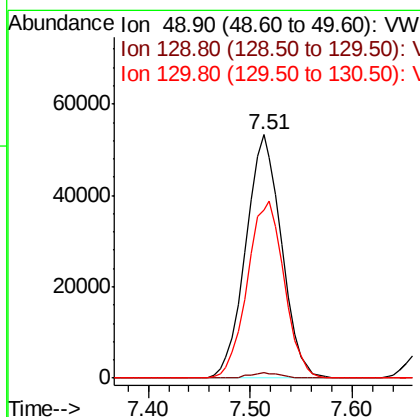
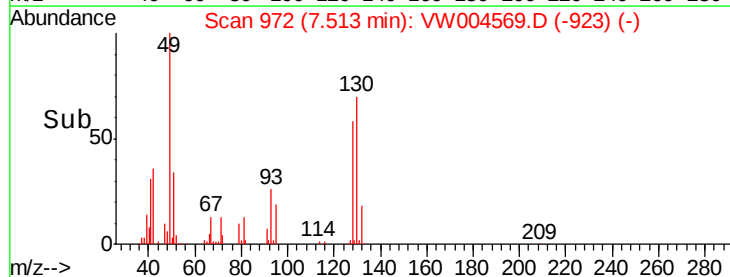
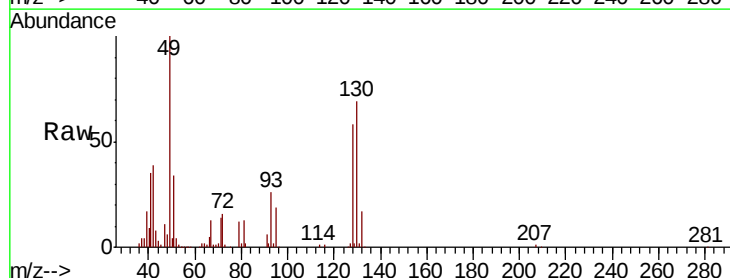
apatel
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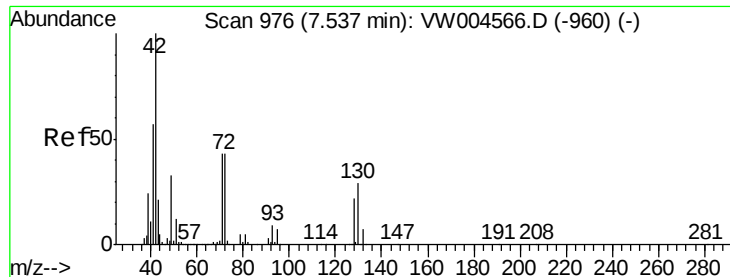


#28

Bromochloromethane
Concen: 20.38 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129819		
129	1.9	0.0	4.0	
130	75.0	58.8	88.2	





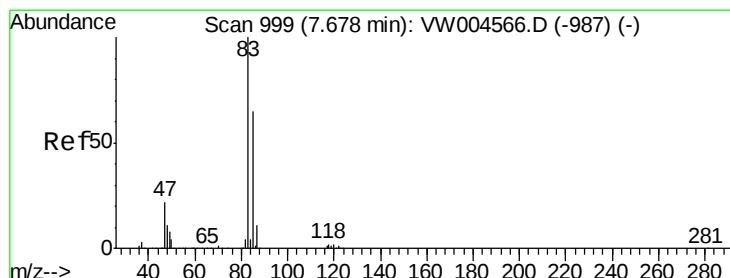
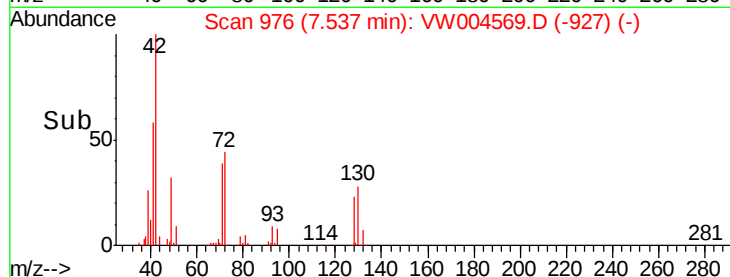
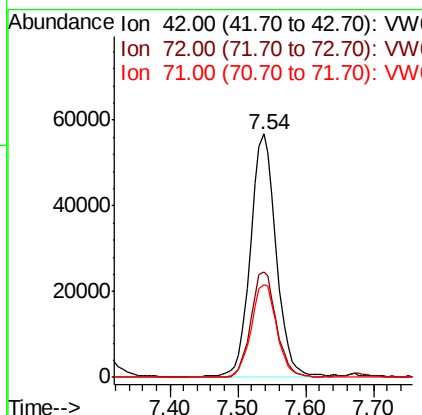
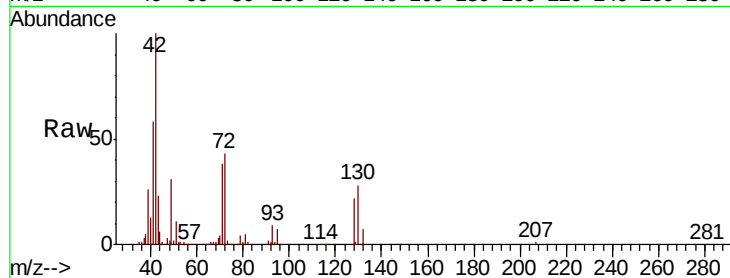
#29
Tetrahydrofuran
Concen: 96.35 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.1	51.1
71	38.4	32.5	48.7

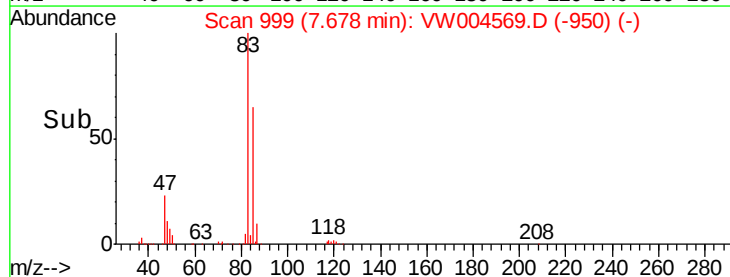
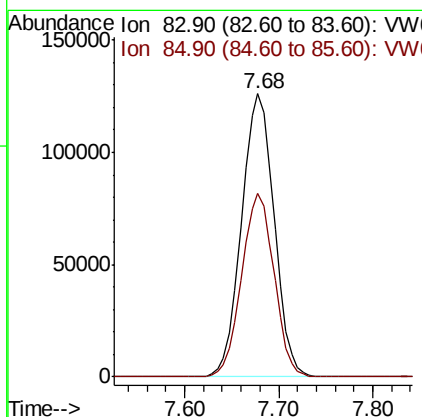
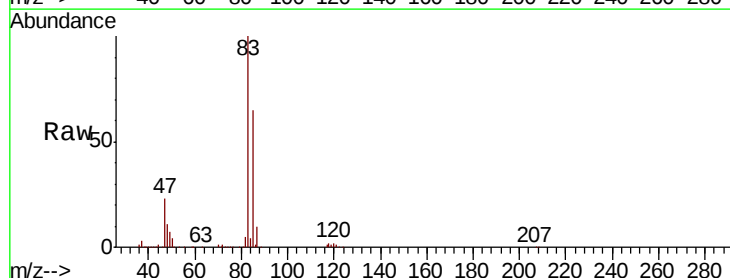
Manual Integrations
APPROVED

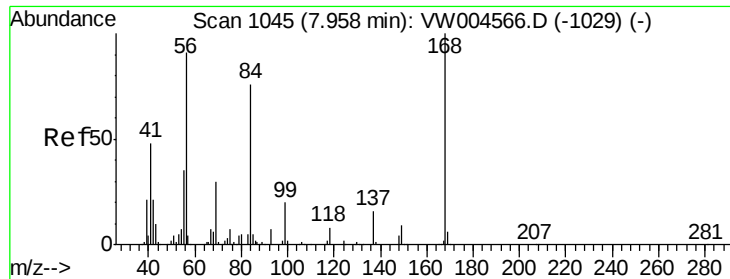
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#30
Chloroform
Concen: 21.10 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9





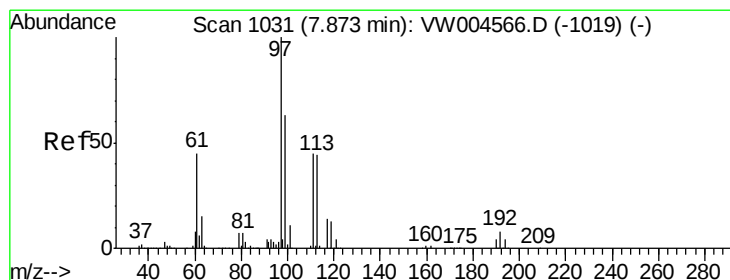
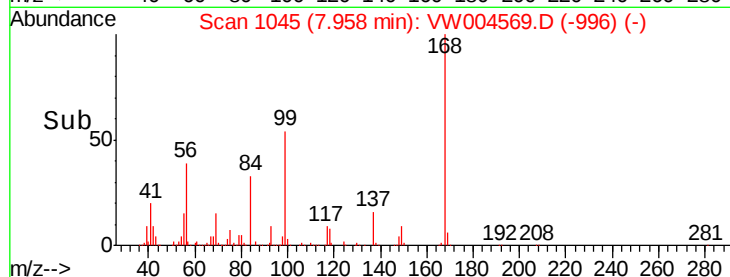
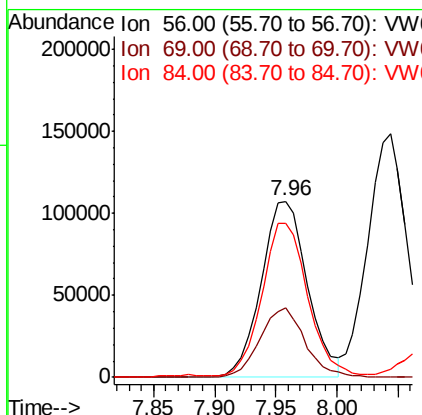
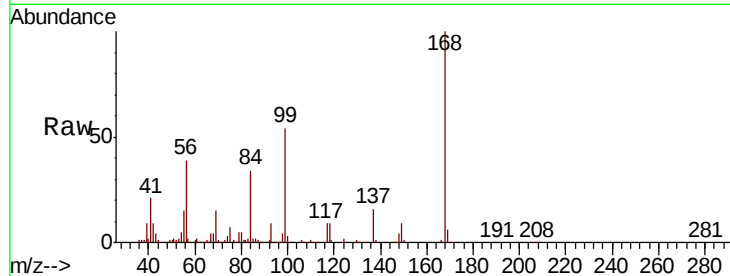
#31
Cyclohexane
Concen: 20.18 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampled :
VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.2	26.4	39.6
84	86.1	66.9	100.3

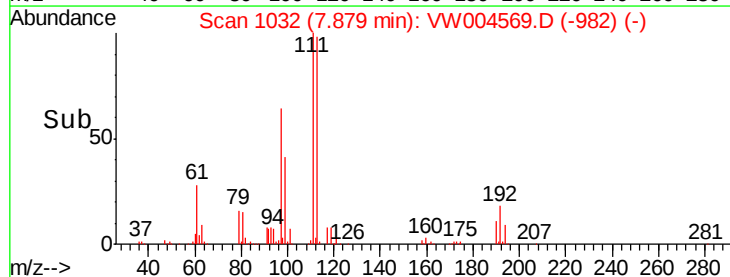
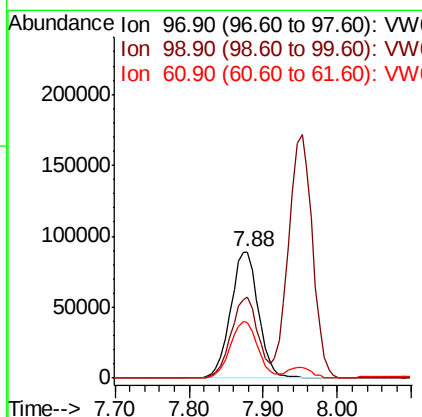
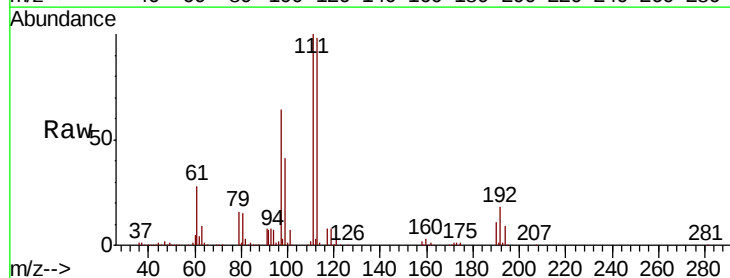
Manual Integrations
APPROVED

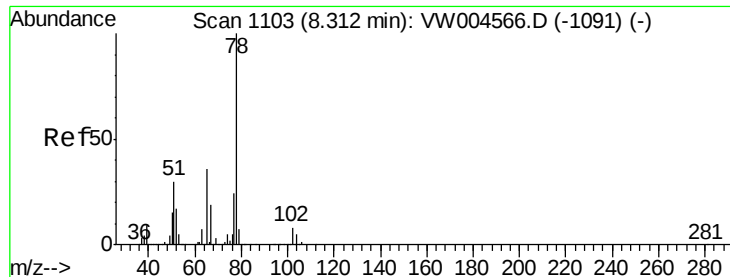
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.56 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.8	51.6	77.4
61	44.2	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 49.89 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 65 Resp: 373061

Ion Ratio Lower Upper

65 100

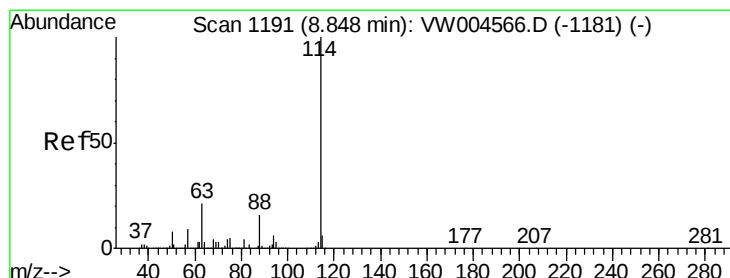
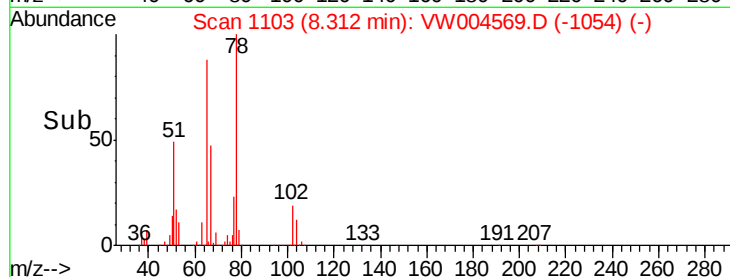
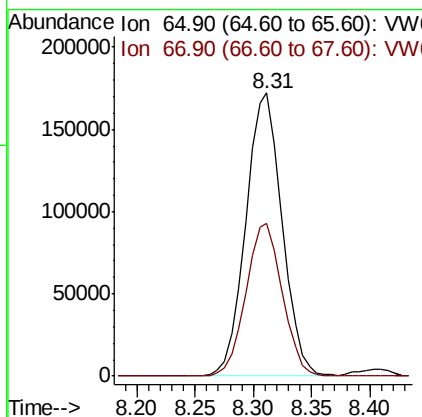
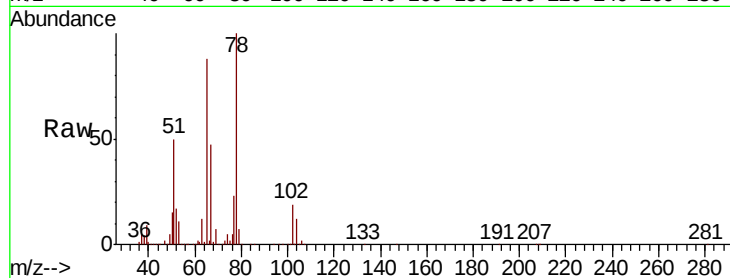
67 54.2 0.0 109.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

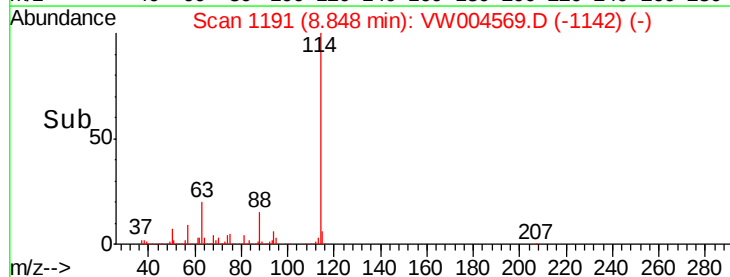
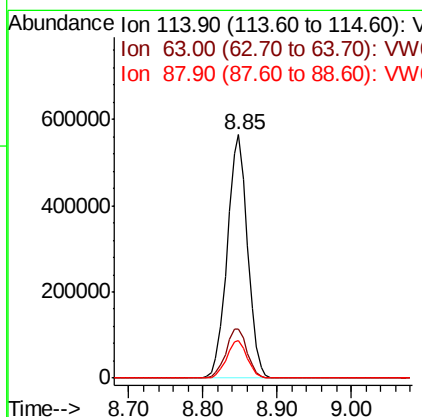
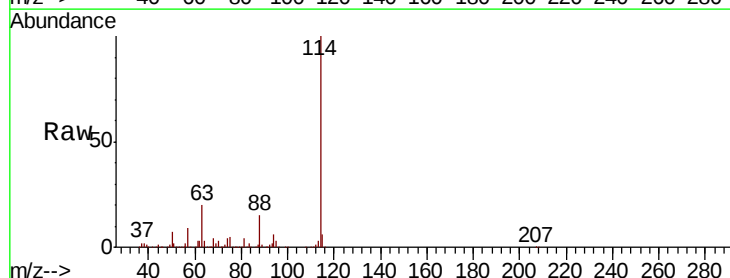
Tgt Ion: 114 Resp: 1073229

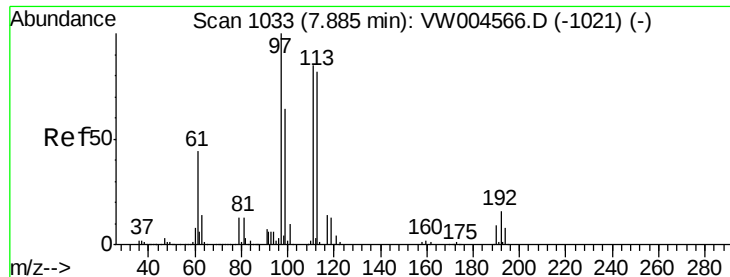
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.3 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.34 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

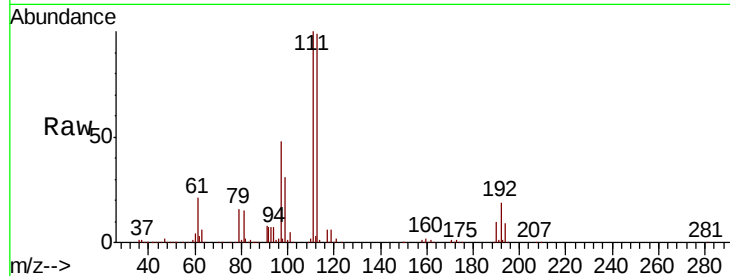
ClientSampleId :

VW0812SBSD01

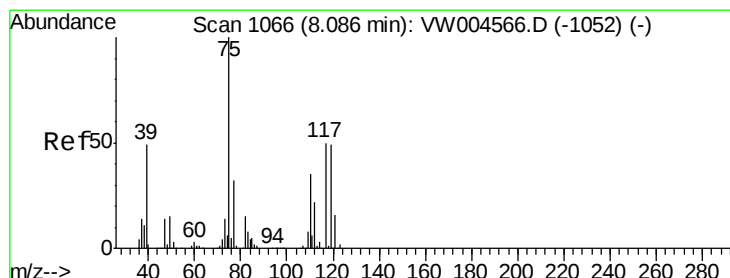
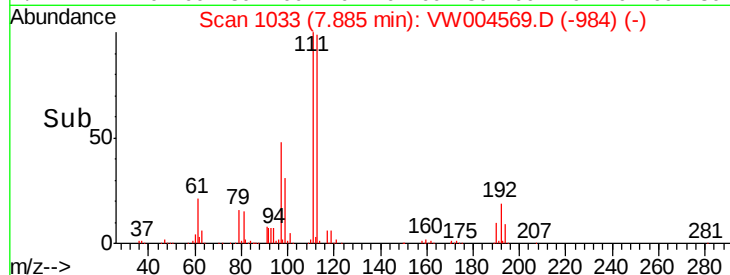
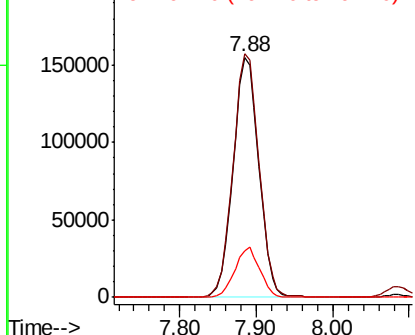
Tot Ion:	113	Resp:	360204
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.9	124.3
192	20.2	15.8	23.6

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.66 ug/l

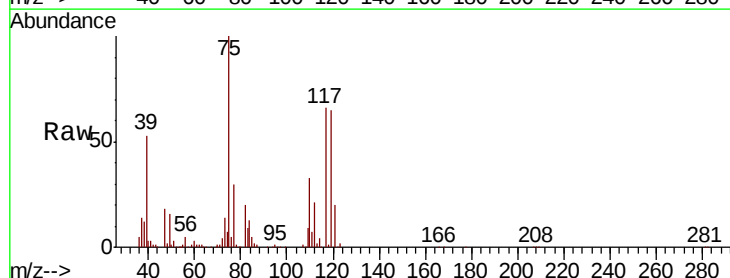
RT: 8.08 min Scan# 1065

Delta R.T. 0.00 min

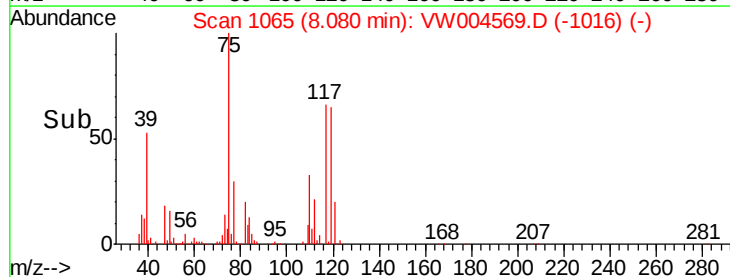
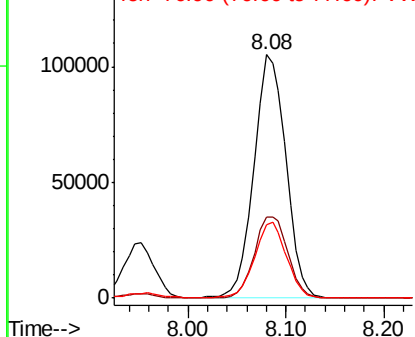
Lab File: VW004569.D

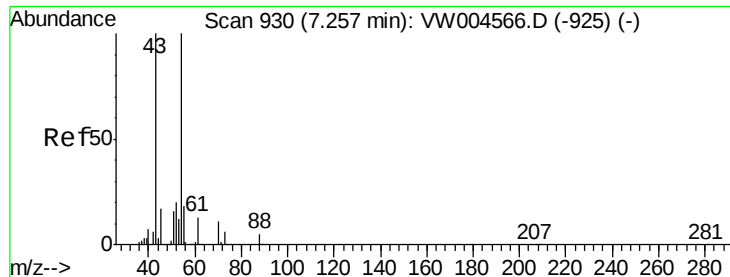
Acq: 09 Aug 2018 23:52

Tgt Ion:	75	Resp:	238706
Ion Ratio	Lower	Upper	
75	100		
110	34.9	17.4	52.2
77	30.9	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





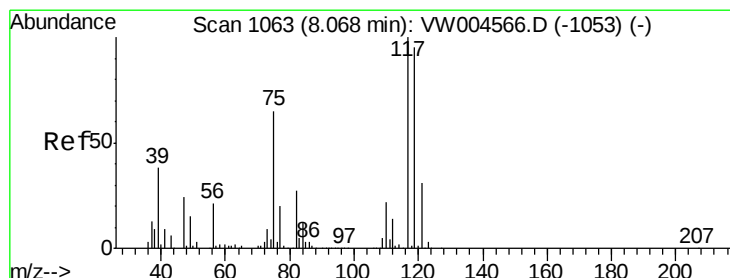
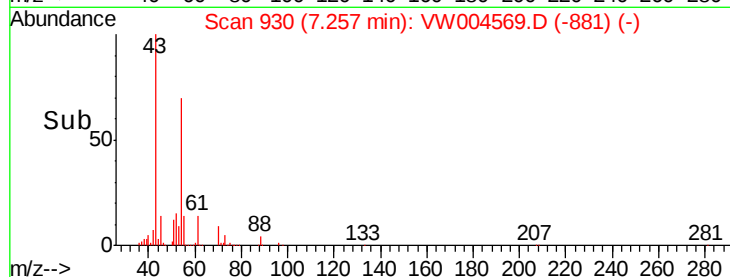
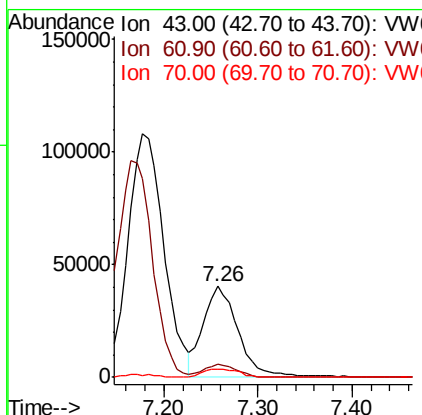
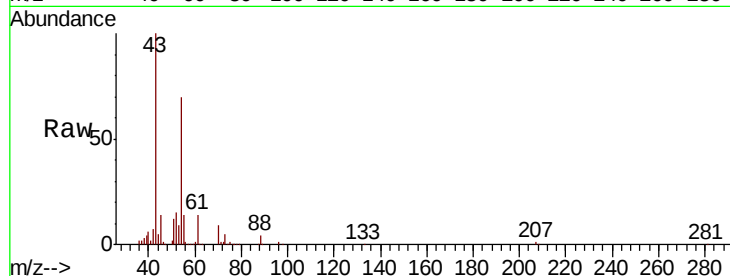
#37
Ethyl Acetate
Concen: 18.97 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.9	17.9
70	10.4	8.2	12.4

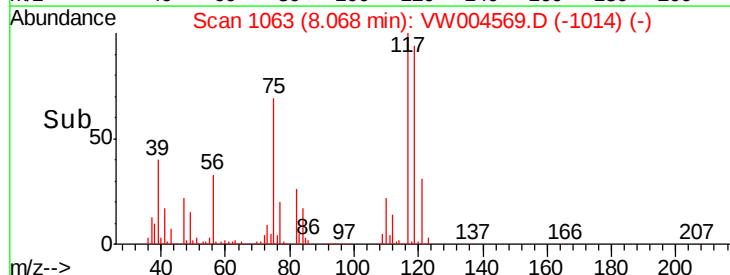
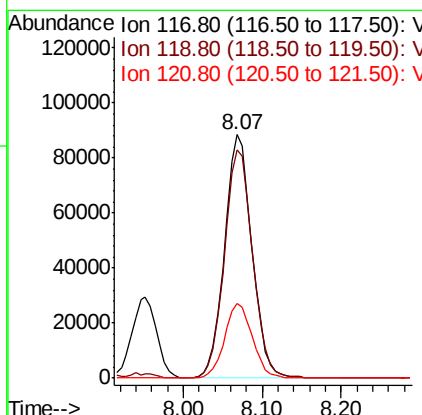
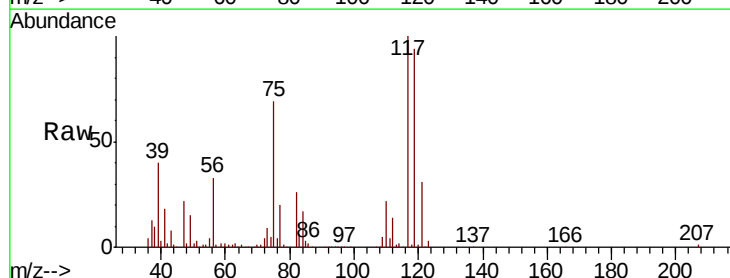
Manual Integrations
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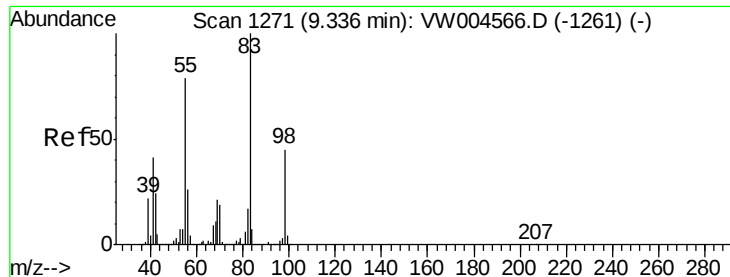
apatel
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#38
Carbon Tetrachloride
Concen: 20.58 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.1	114.1
121	30.7	24.2	36.4





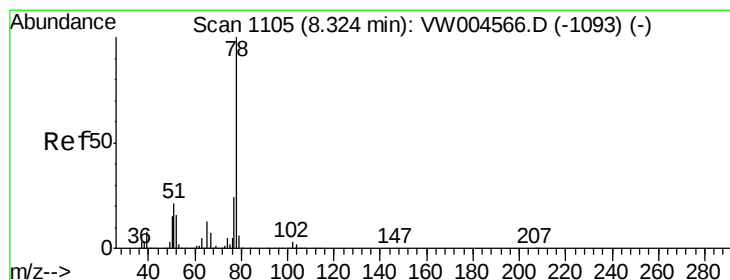
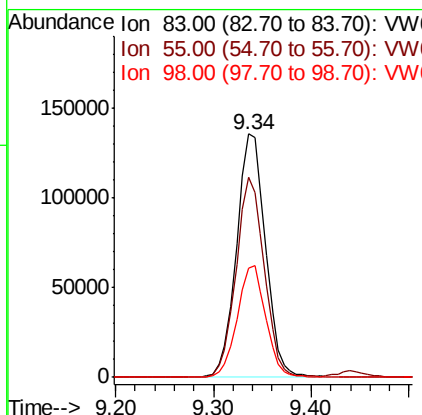
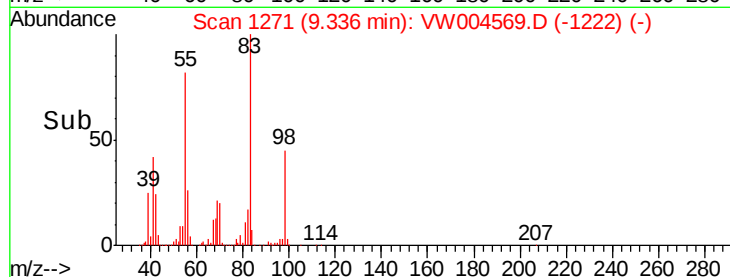
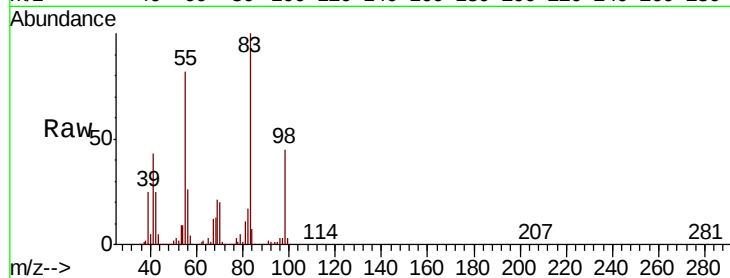
#39
Methvlcvclohexane
Concen: 19.75 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	62.5	93.7
98	44.9	35.4	53.2

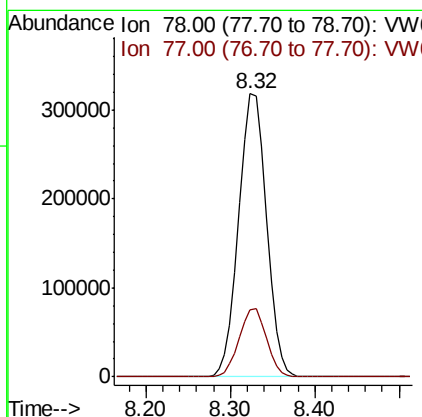
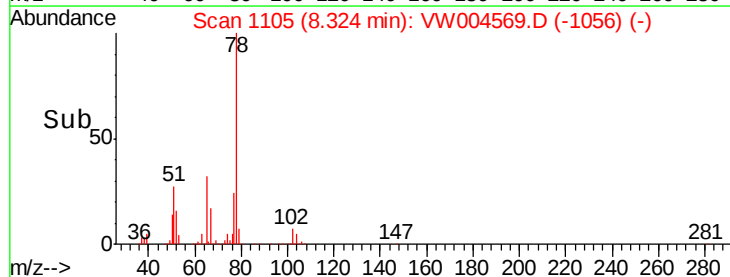
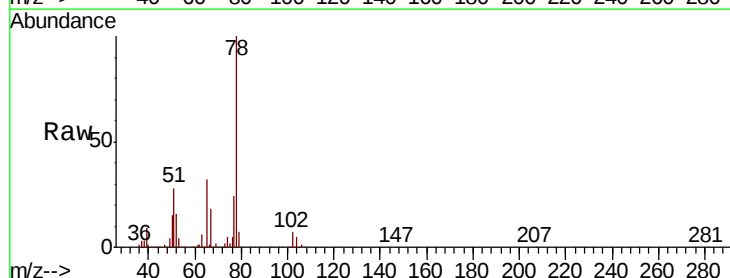
Manual Integrations
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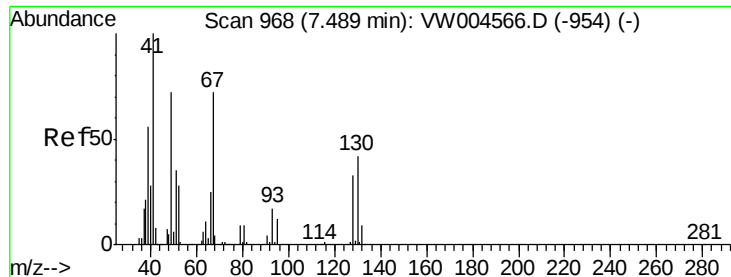
apatel
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#40
Benzene
Concen: 20.89 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





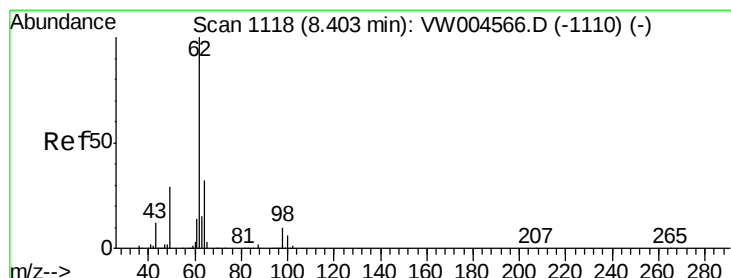
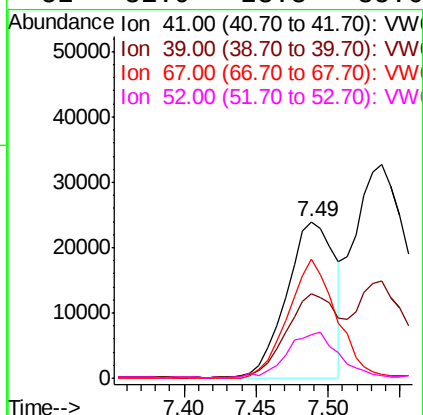
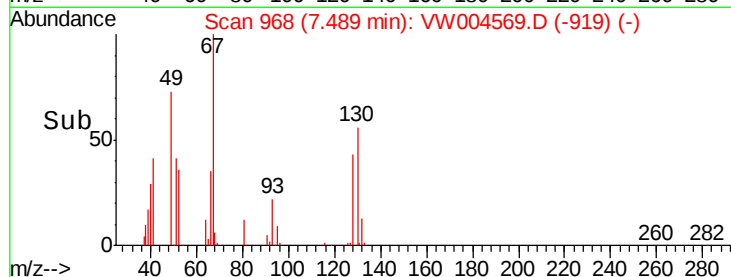
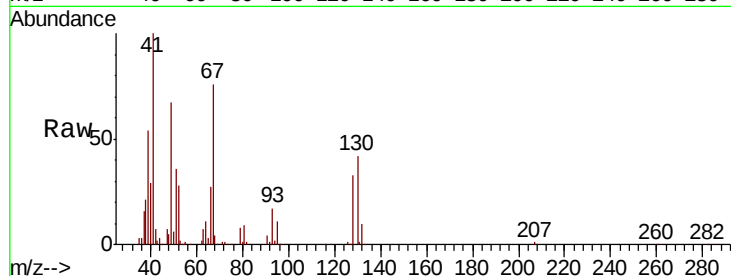
#41
Methacrylonitrile
Concen: 18.62 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	41	Resp	56270
Ion	Ratio	Lower	Upper
41	100		
39	59.0	46.2	69.2
67	76.5	60.8	91.2
52	31.9	23.8	35.6

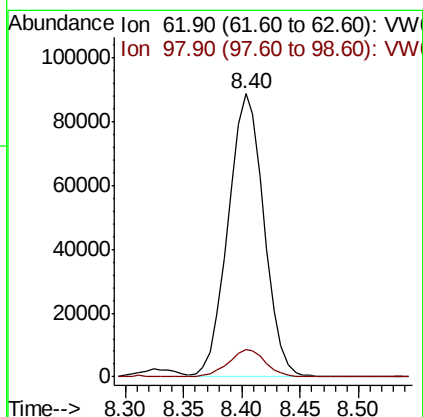
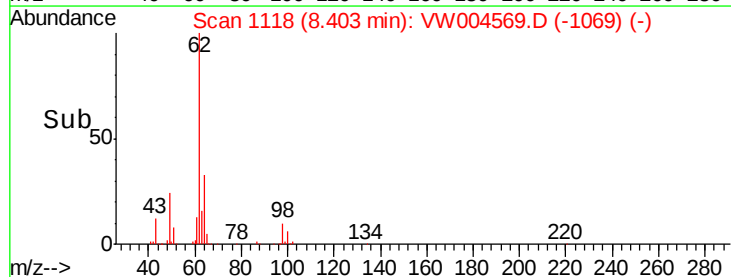
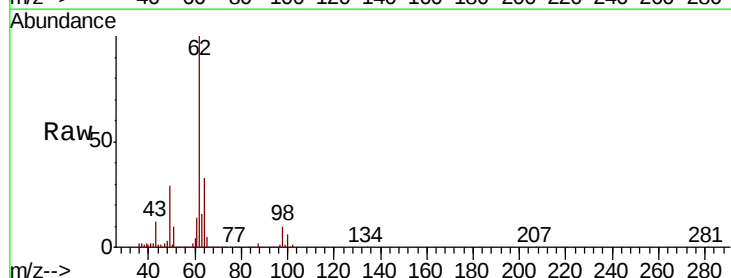
Manual Integrations
APPROVED

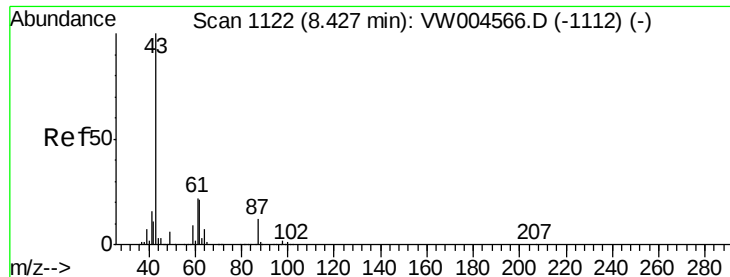
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#42
1,2-Dichloroethane
Concen: 20.21 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	62	Resp	189746
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6





#43

Isopropyl Acetate

Concen: 18.85 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

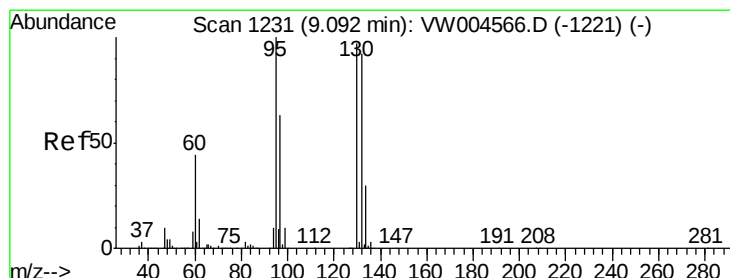
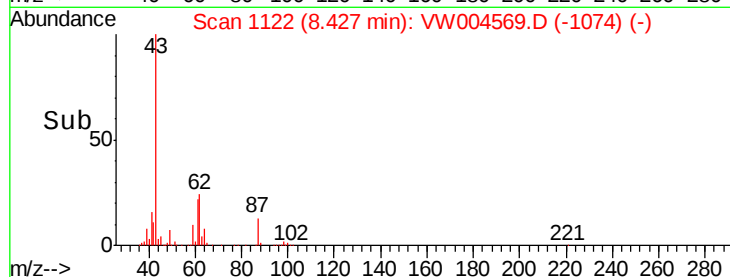
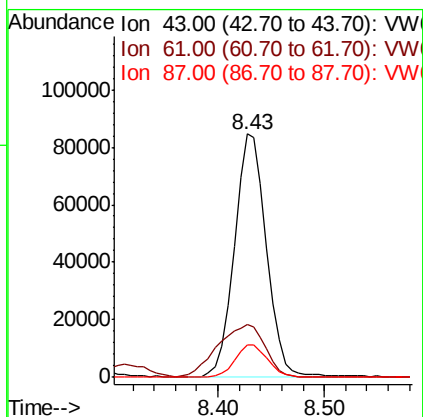
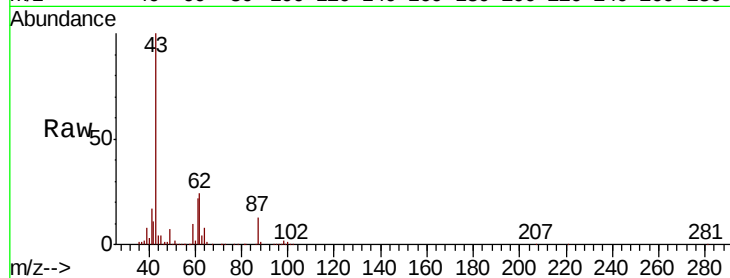
ClientSampleId :

VW0812SBSD01

Tot Ion:	43	Resp:	177866
Ion	Ratio	Lower	Upper
43	100		
61	31.8	25.2	37.8
87	13.5	10.6	16.0

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#44

Trichloroethene

Concen: 20.46 ug/l

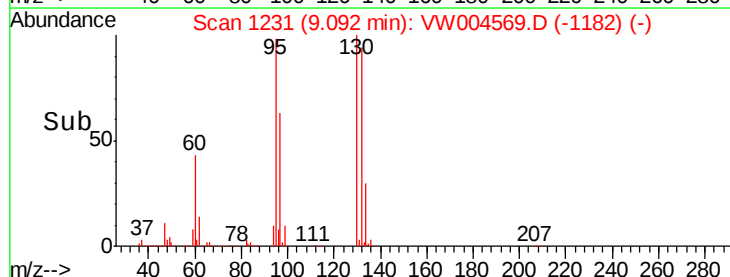
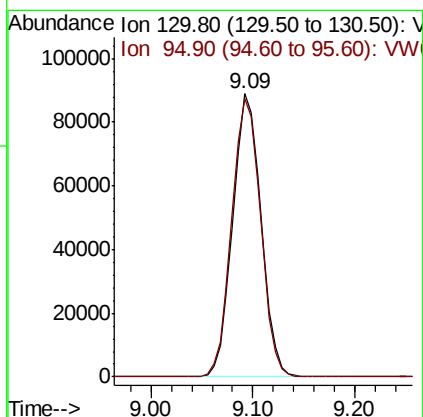
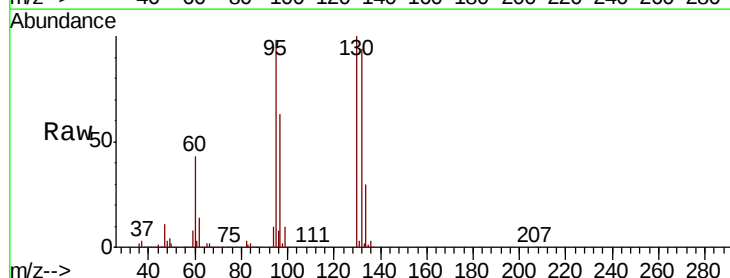
RT: 9.09 min Scan# 1231

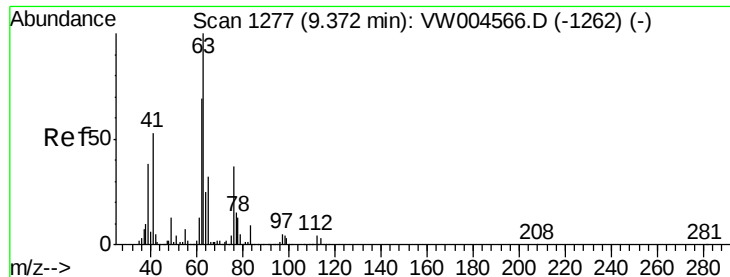
Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Tgt Ion:	130	Resp:	170575
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	196.2





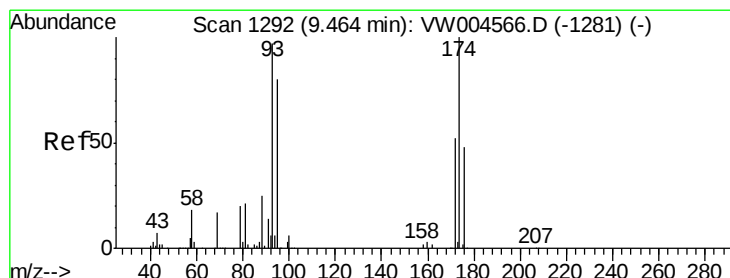
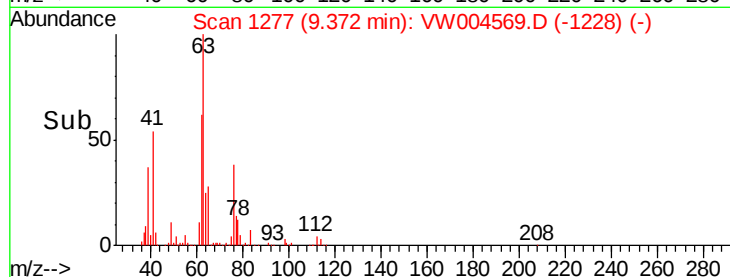
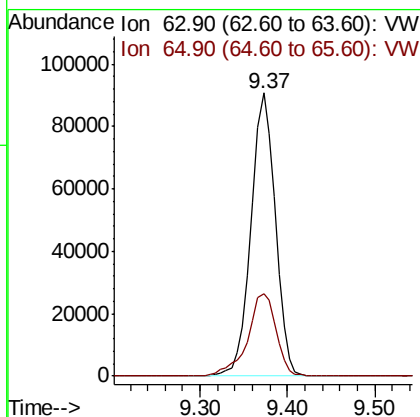
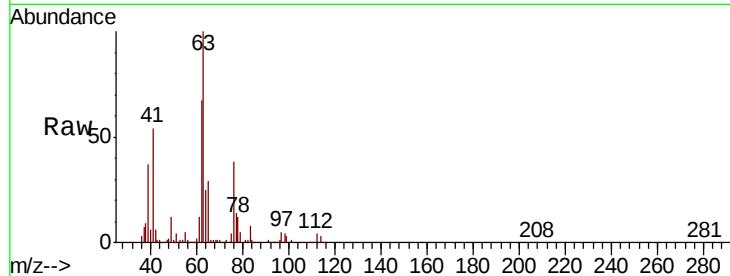
#45
 1,2-Dichloropropane
 Concen: 20.68 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.0	24.5	36.7

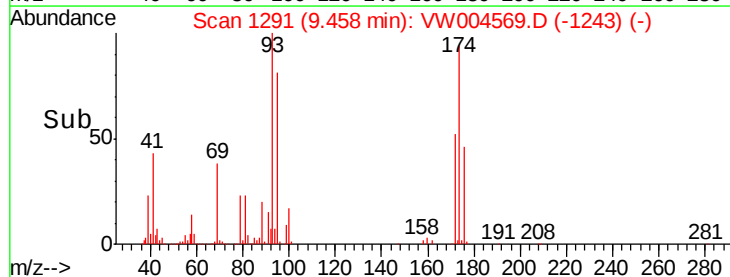
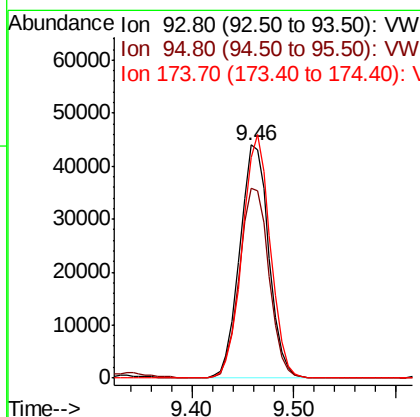
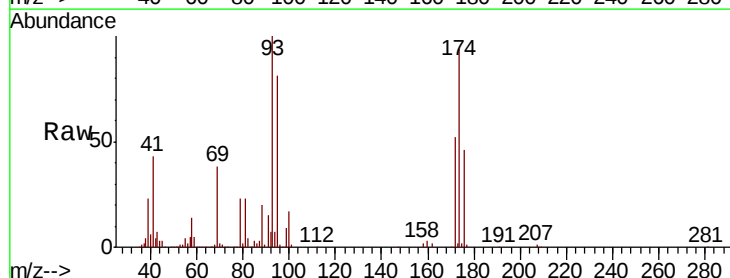
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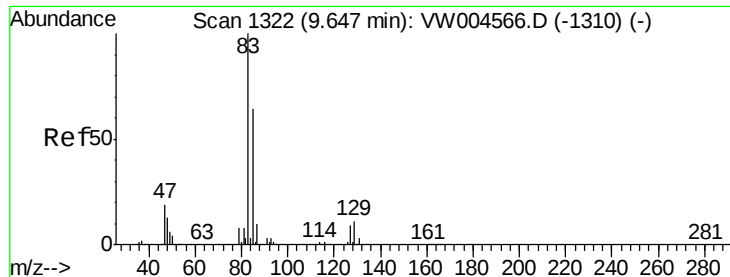
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#46
 Dibromomethane
 Concen: 20.09 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	67.0	100.4
174	100.8	80.2	120.4





#47

Bromodichloromethane

Concen: 20.15 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

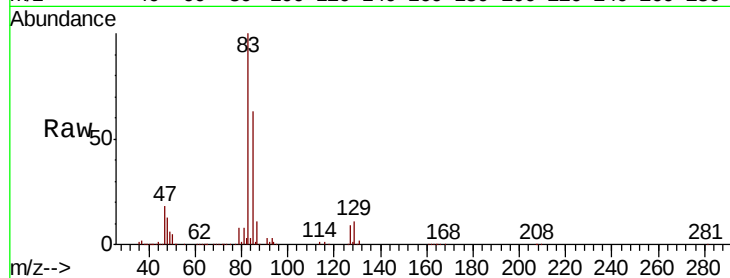
ClientSampleId :

VW0812SBSD01

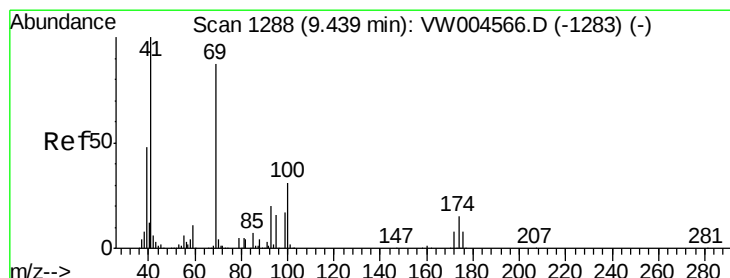
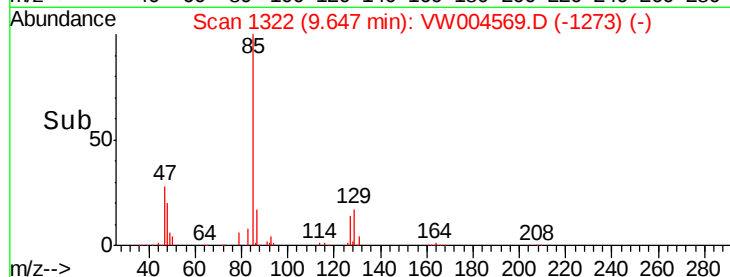
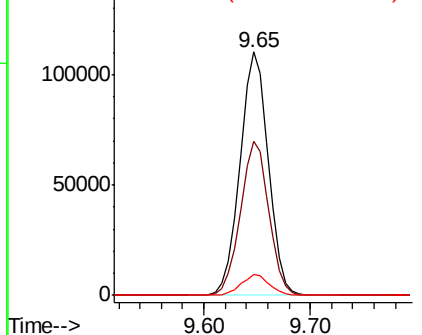
Tot Ion:	83	Resp:	205783
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.7	76.1
127	8.6	6.5	9.7

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.28 ug/l

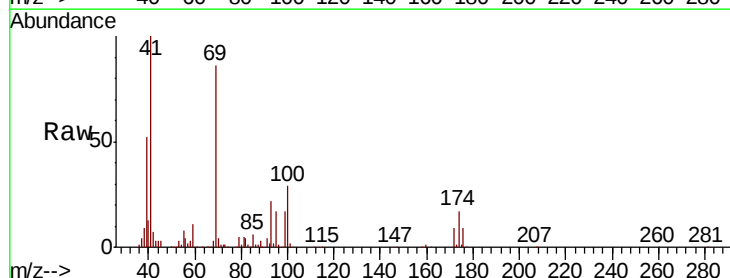
RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

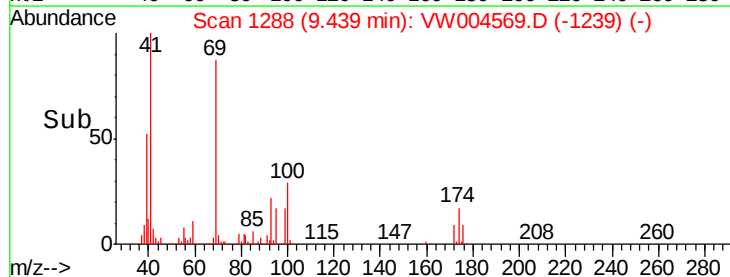
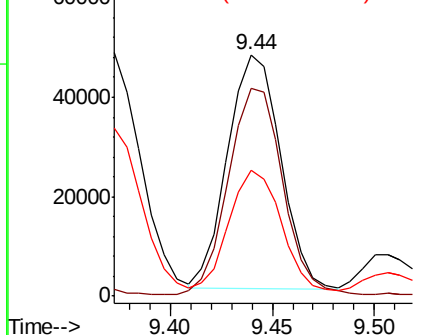
Lab File: VW004569.D

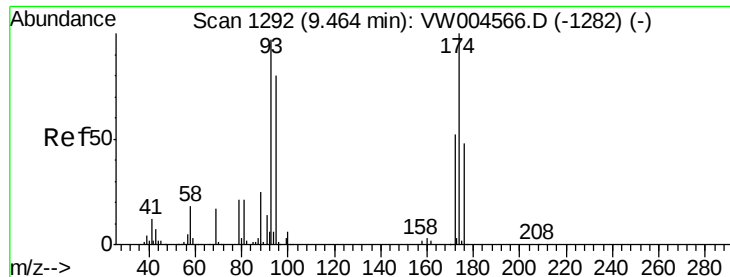
Acq: 09 Aug 2018 23:52

Tgt Ion:	41	Resp:	85027
Ion Ratio	Lower	Upper	
41	100		
69	91.5	73.2	109.8
39	50.5	40.6	60.8



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 403.13 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

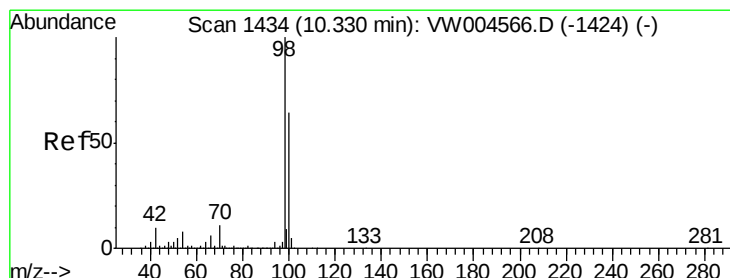
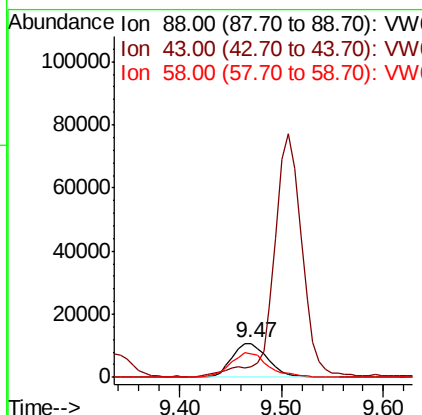
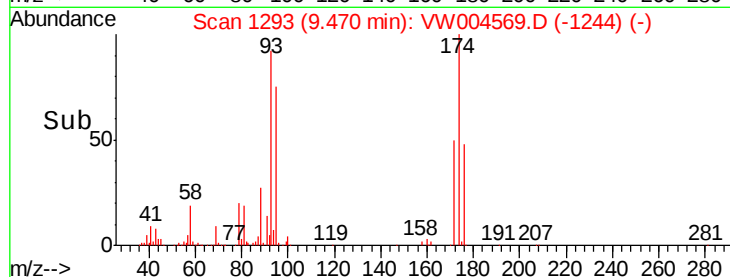
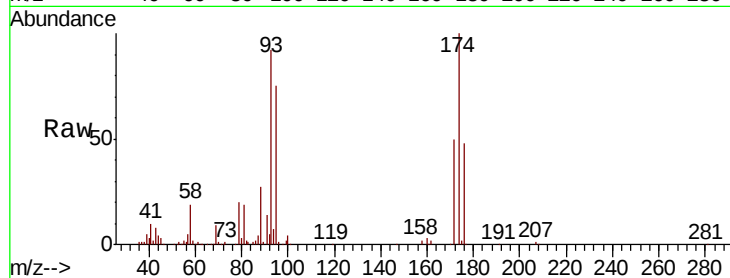
ClientSampleId :

VW0812SBSD01

Tot Ion:	88	Resp:	26607
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.3	63.5	95.3

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#50

Toluene-d8

Concen: 52.65 ug/l

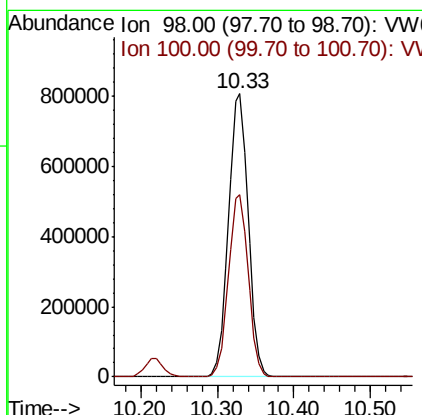
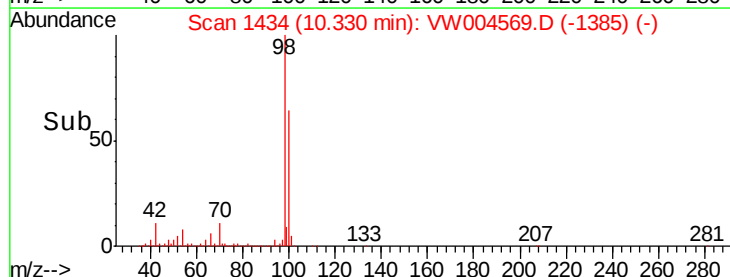
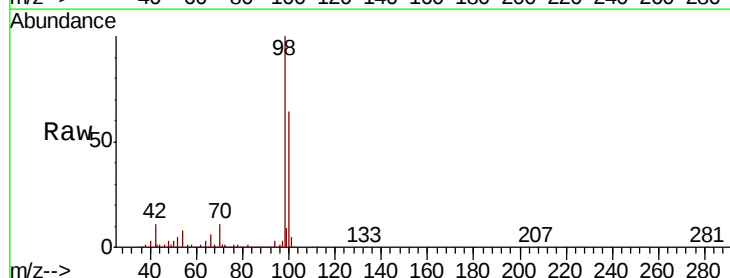
RT: 10.33 min Scan# 1434

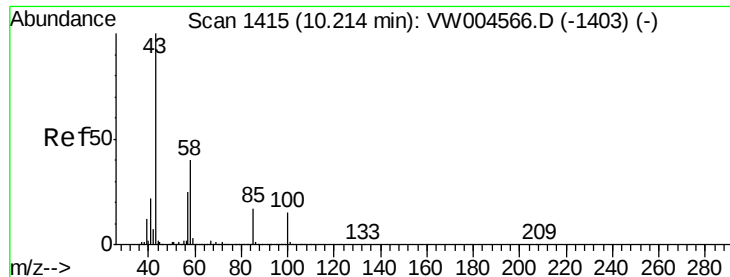
Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Tgt Ion:	98	Resp:	1436242
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 96.27 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tot Ion: 43 Resp: 632150

Ion Ratio Lower Upper

43 100

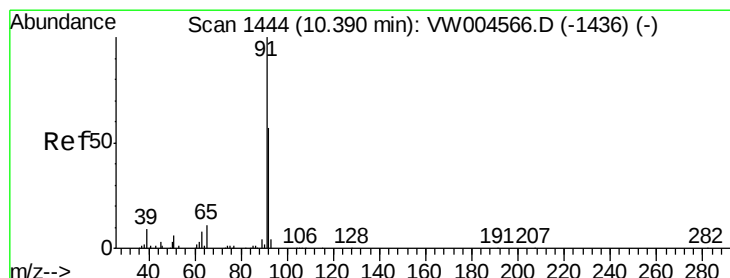
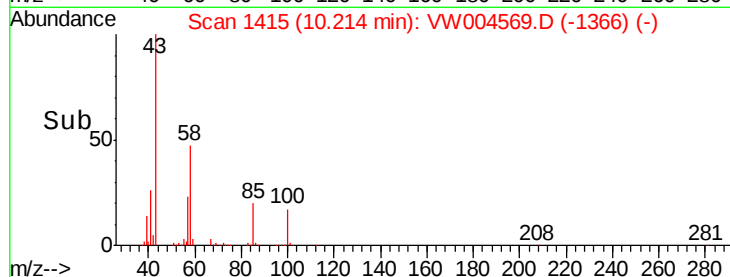
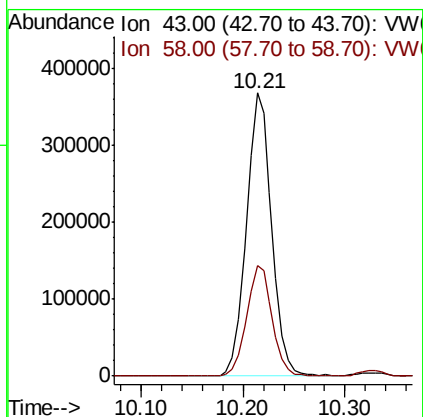
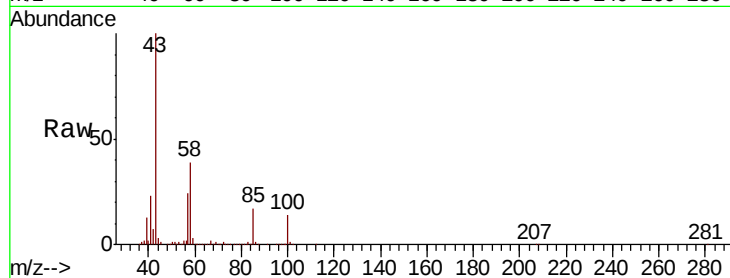
58 39.5 31.9 47.9

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#52

Toluene

Concen: 21.37 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004569.D

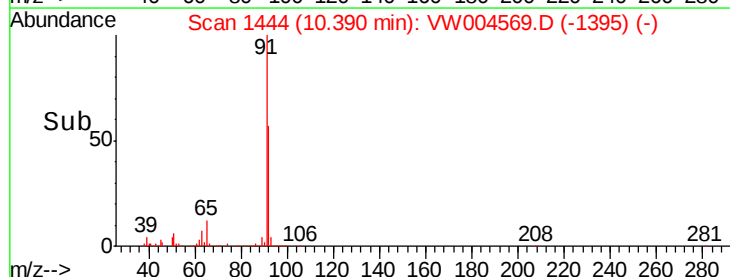
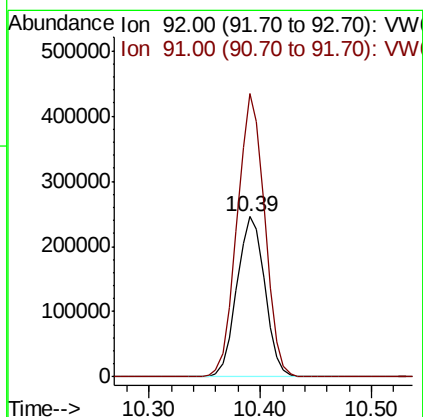
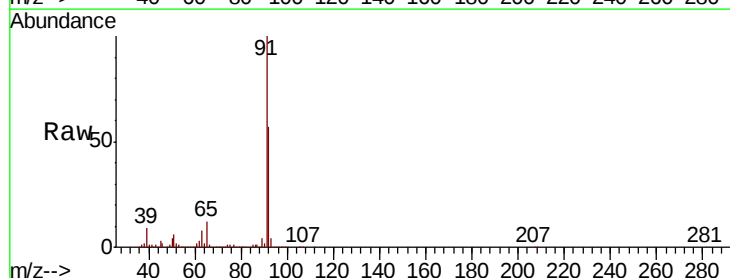
Acq: 09 Aug 2018 23:52

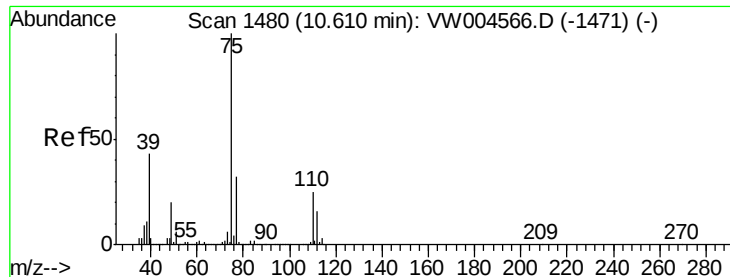
Tgt Ion: 92 Resp: 427689

Ion Ratio Lower Upper

92 100

91 173.6 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 19.68 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 75 Resp: 201827

Ion Ratio Lower Upper

75 100

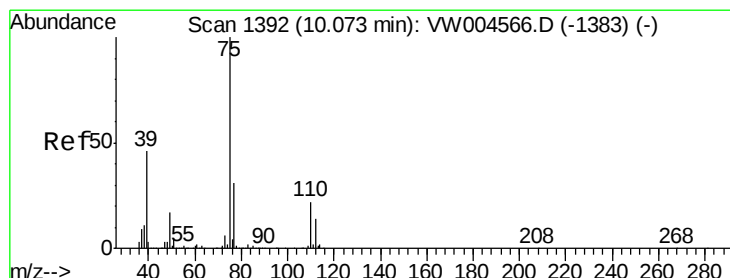
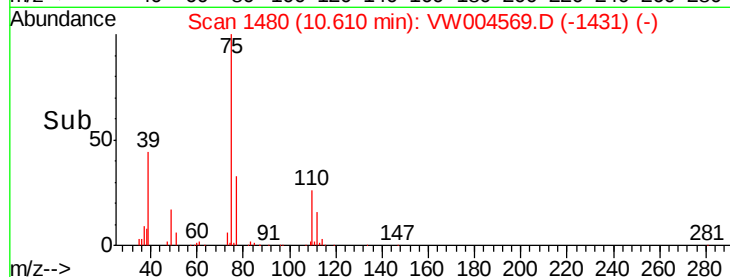
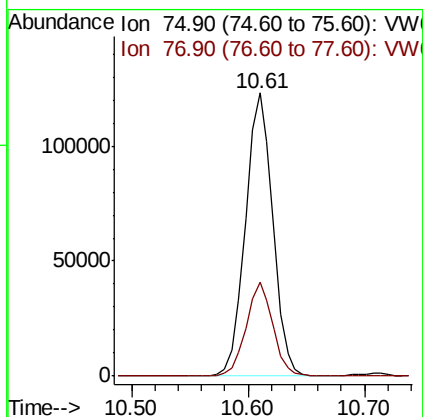
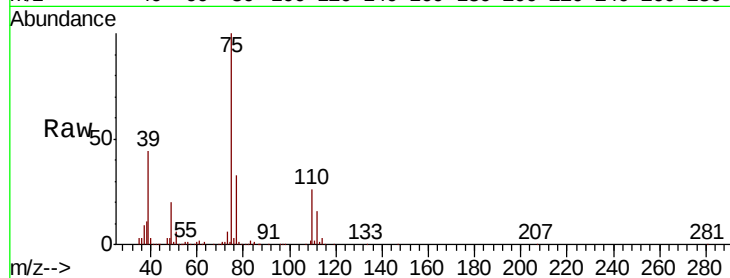
77 33.1 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 20.16 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

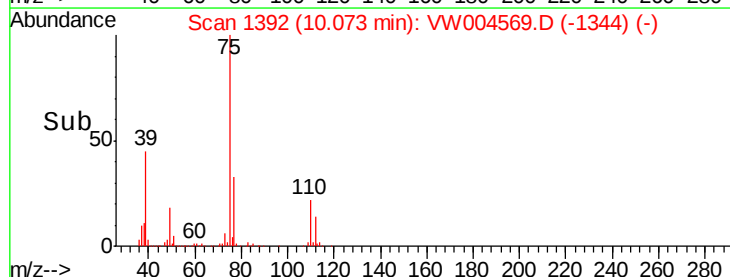
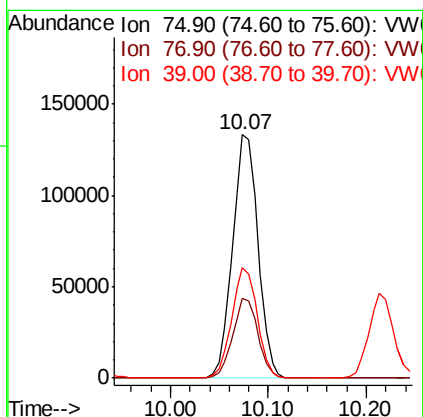
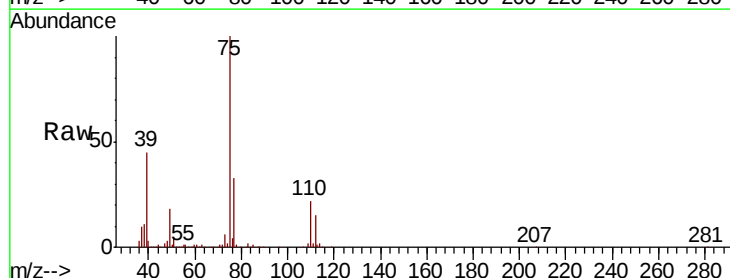
Tgt Ion: 75 Resp: 240900

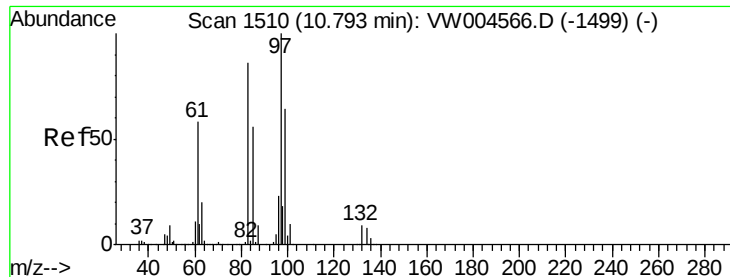
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

39 45.2 34.5 51.7





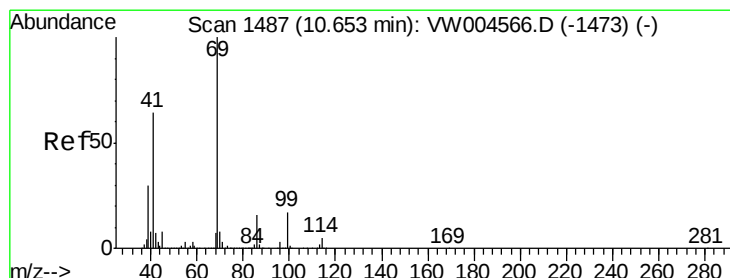
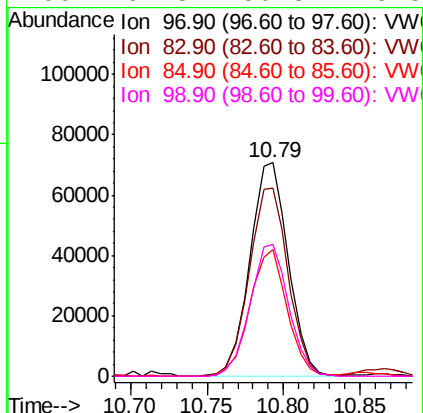
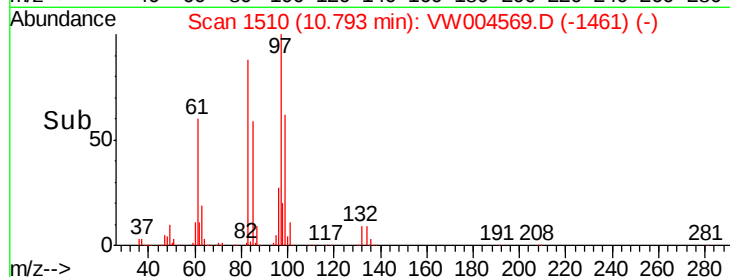
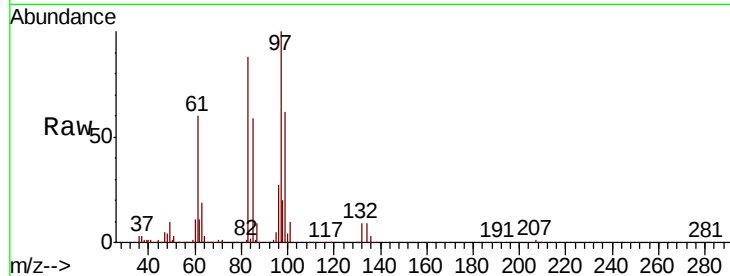
#55
 1,1,2-Trichloroethane
 Concen: 19.90 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		123400		
83	87.9	69.8	104.8		
85	59.2	45.1	67.7		
99	61.8	50.3	75.5		

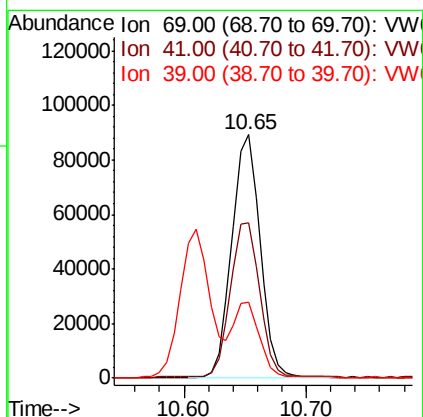
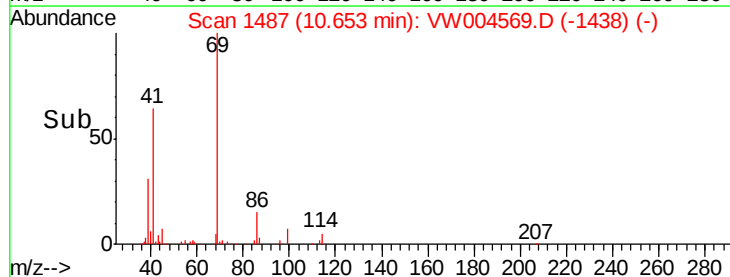
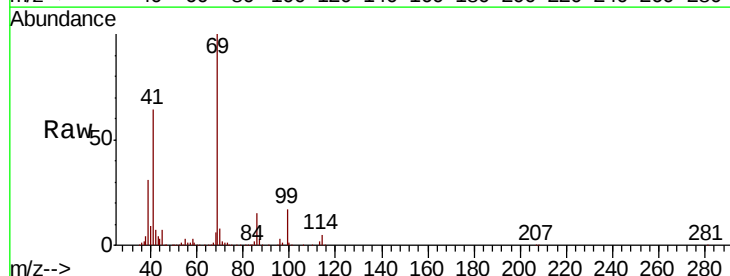
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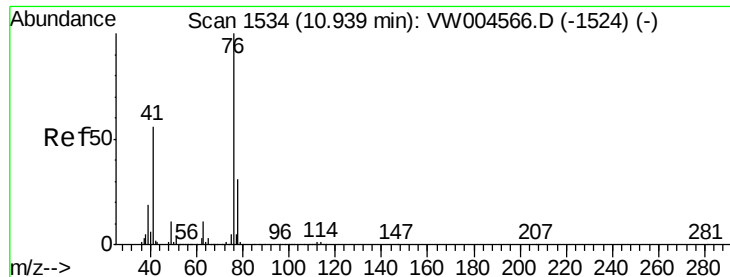
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#56
 Ethyl methacrylate
 Concen: 19.43 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		144228		
41	65.3	52.4	78.6		
39	27.8	22.7	34.1		





#57

1,3-Dichloropropane

Concen: 20.30 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 76 Resp: 216900

Ion Ratio Lower Upper

76 100

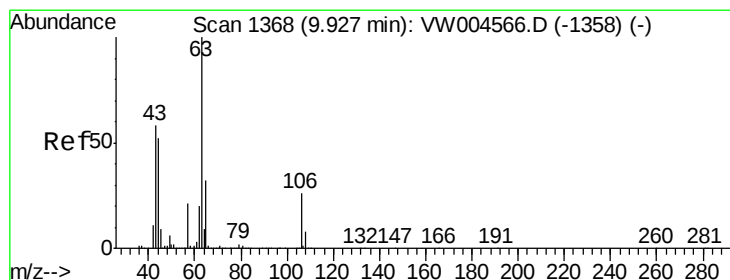
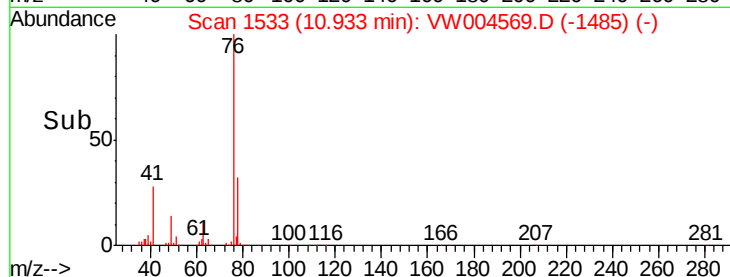
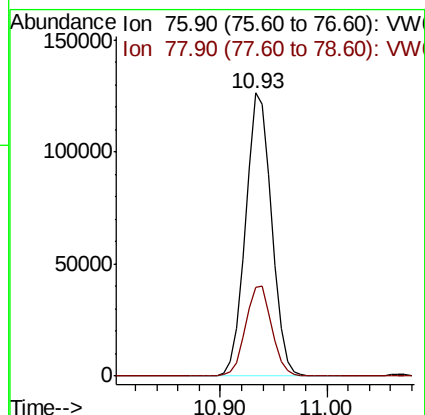
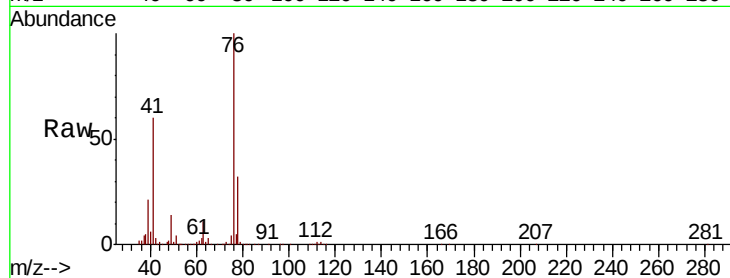
78 32.4 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 94.99 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004569.D

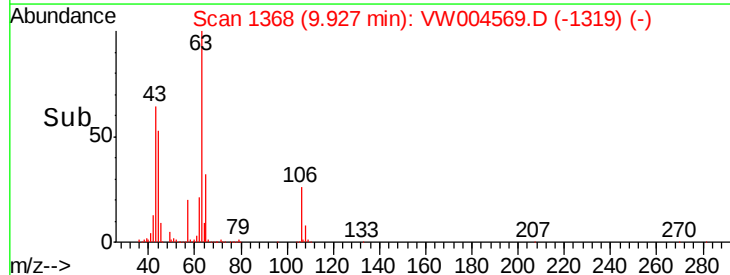
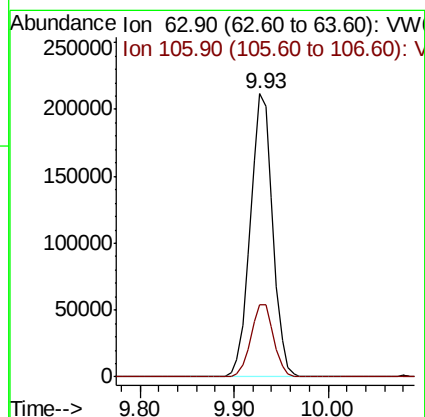
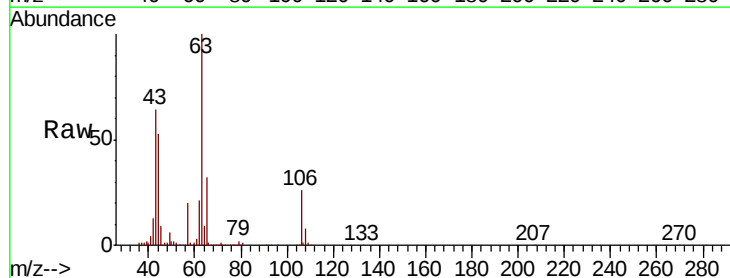
Acq: 09 Aug 2018 23:52

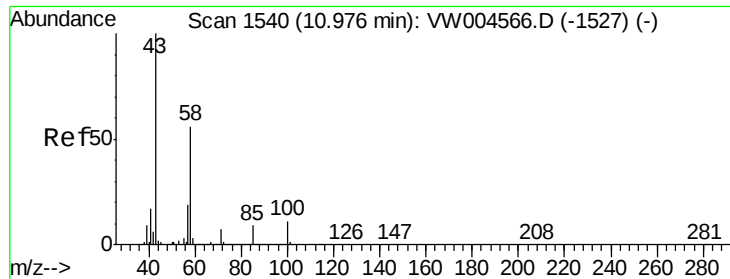
Tgt Ion: 63 Resp: 351810

Ion Ratio Lower Upper

63 100

106 26.3 21.3 31.9





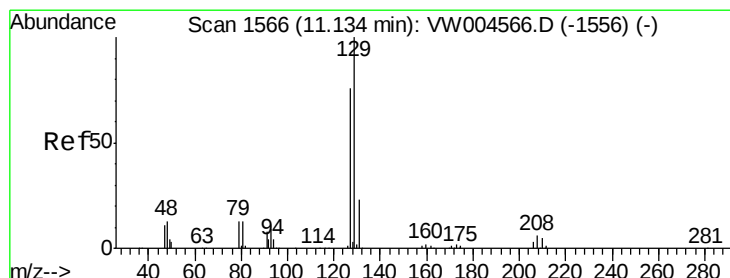
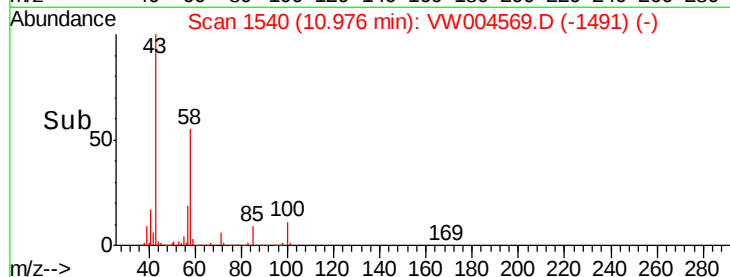
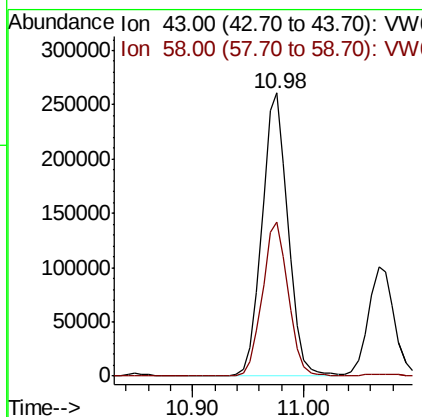
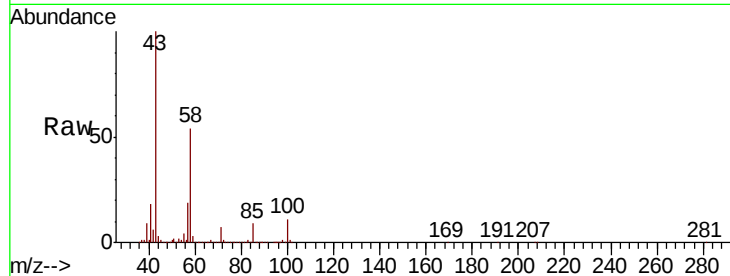
#59
2-Hexanone
Concen: 95.57 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	27.9	83.6

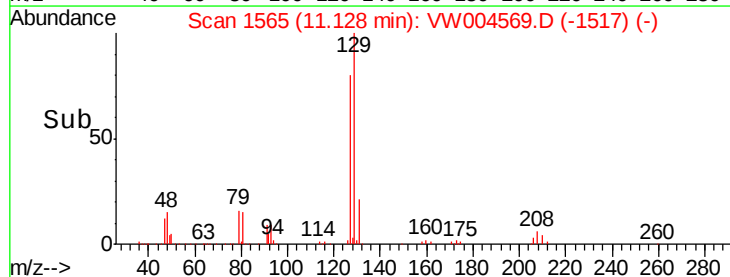
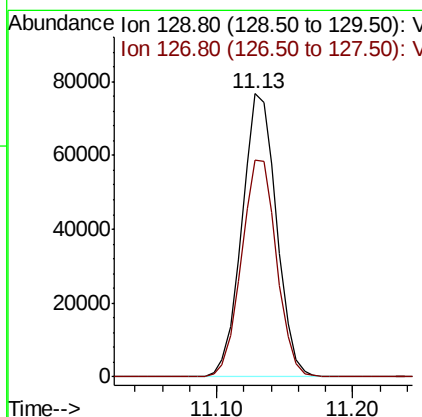
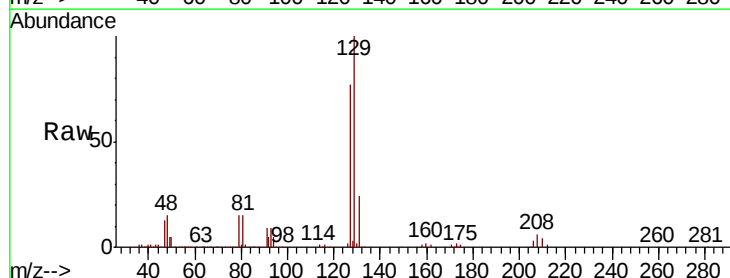
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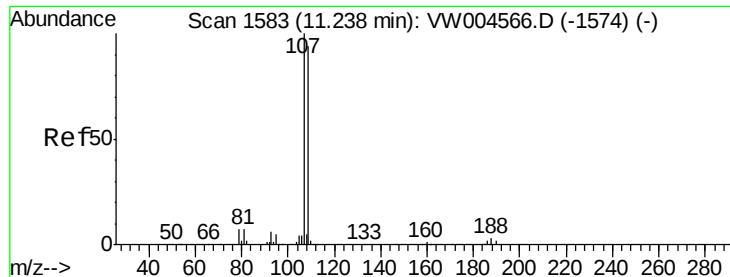
apatel
8/10/2018 11:49:37 AM



#60
Dibromochloromethane
Concen: 20.18 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.6	115.8





#61

1,2-Dibromoethane

Concen: 20.25 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 107 Resp: 117962

Ion Ratio Lower Upper

107 100

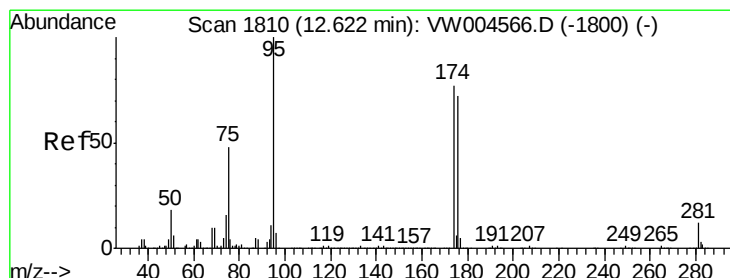
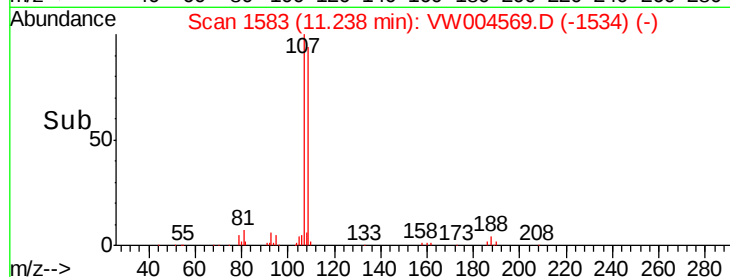
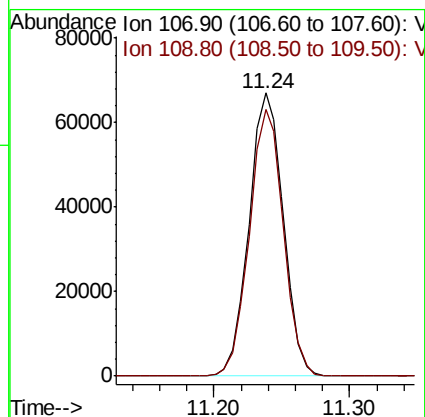
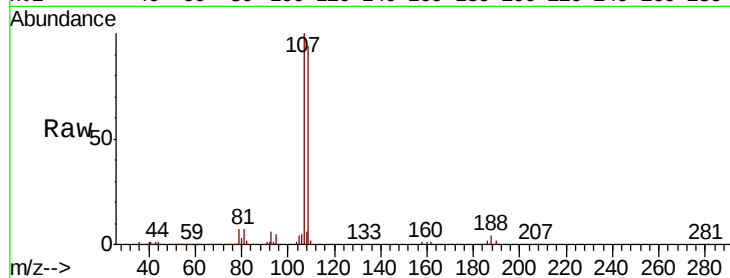
109 93.8 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 52.84 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

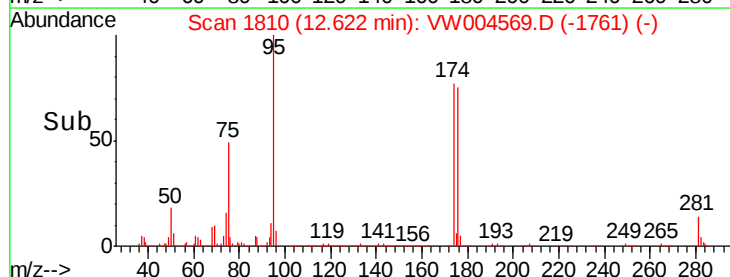
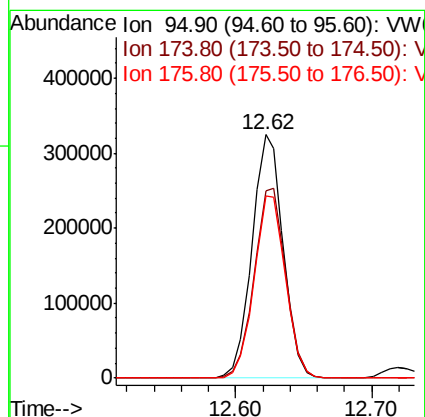
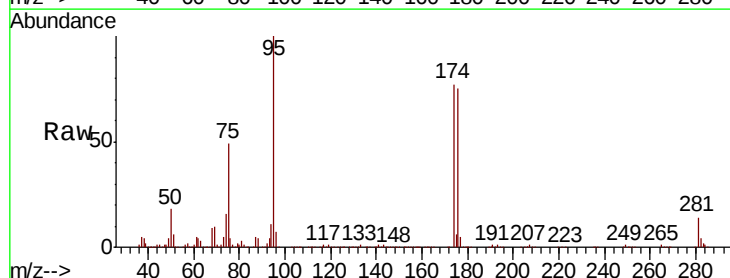
Tgt Ion: 95 Resp: 519252

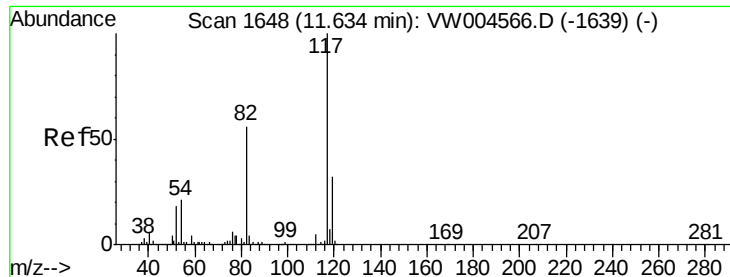
Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.4

176 75.9 0.0 153.2





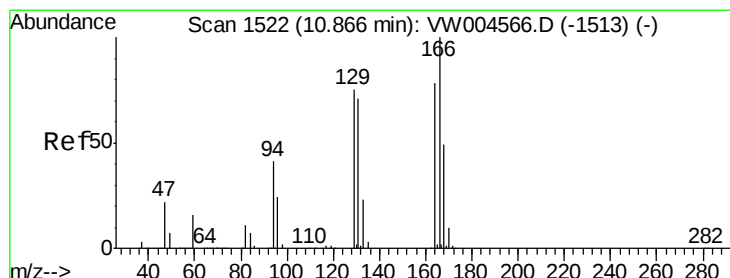
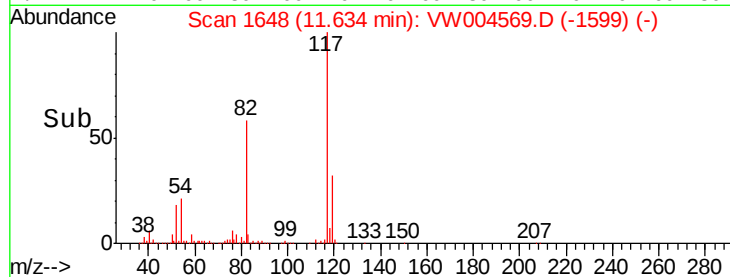
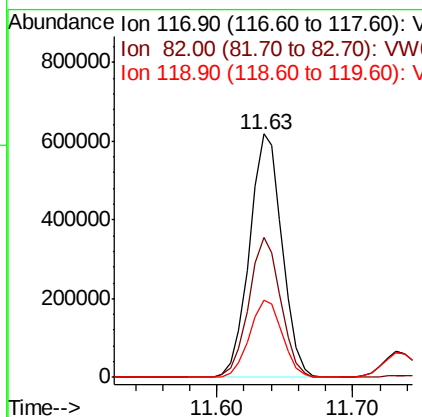
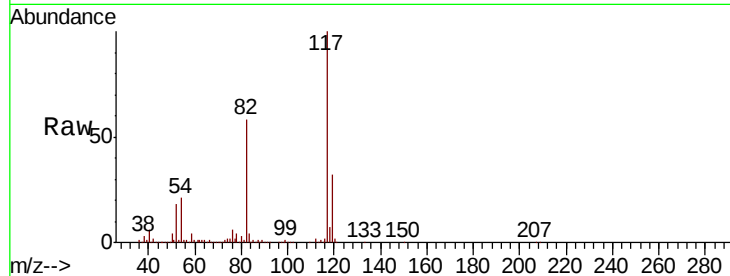
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.3	67.9
119	31.7	26.2	39.4

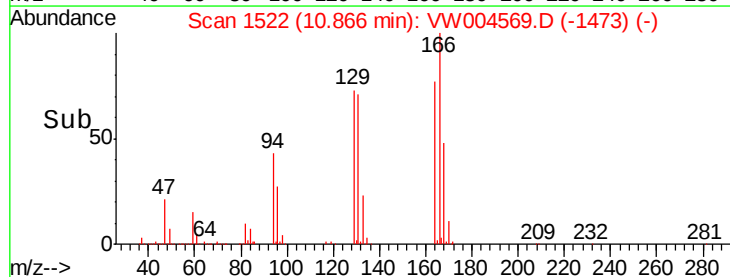
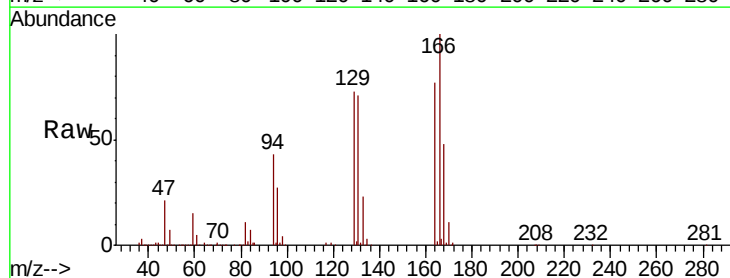
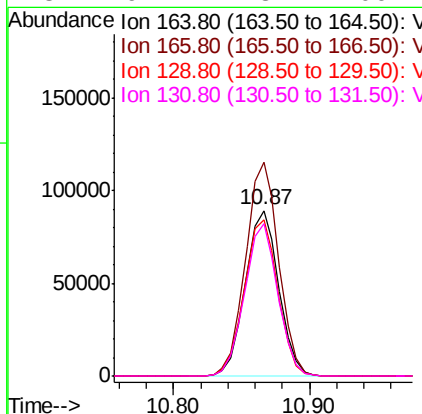
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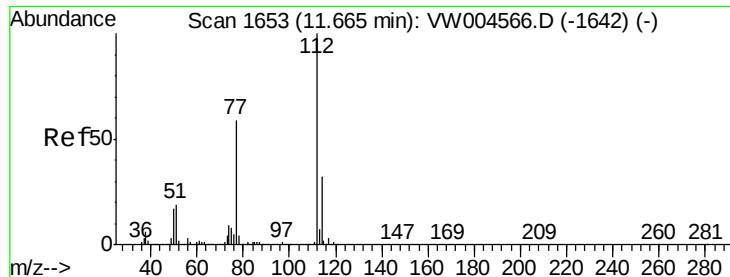
apatel
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#64
Tetrachloroethene
Concen: 21.21 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	98.4	147.6
129	94.5	73.6	110.4
131	92.2	73.1	109.7





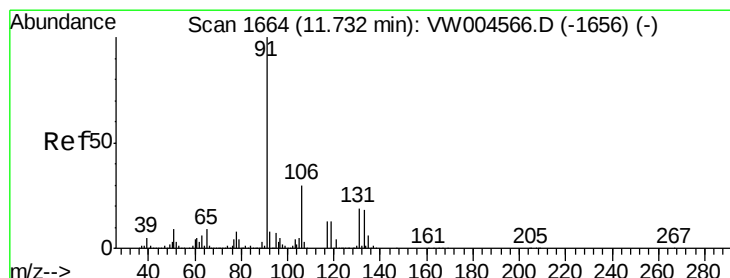
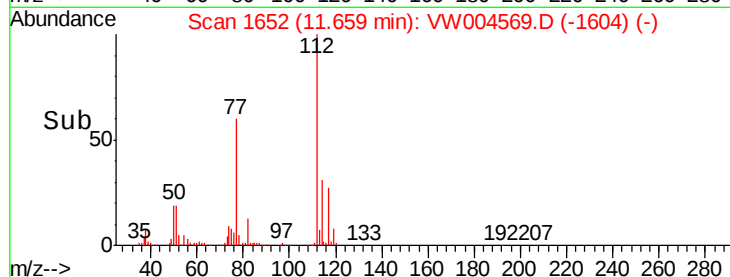
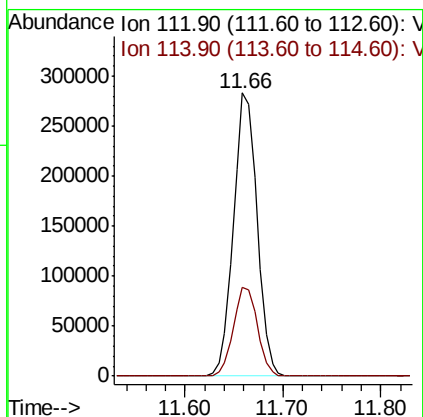
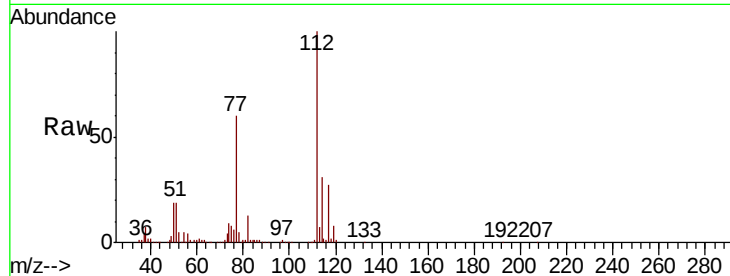
#65
Chlorobenzene
Concen: 20.75 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion:112 Resp: 474089
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0

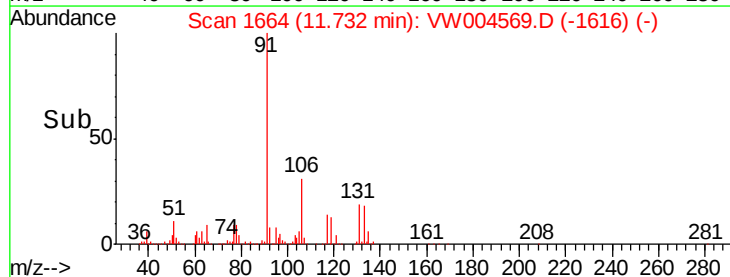
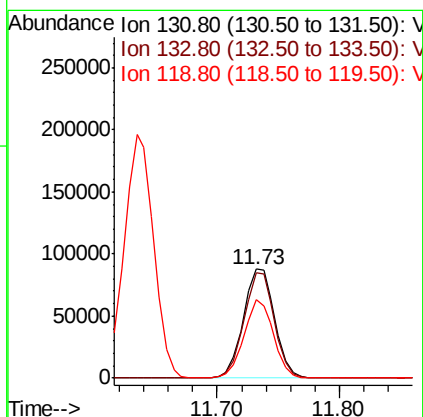
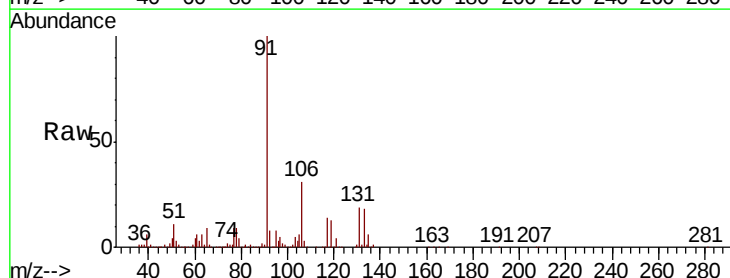
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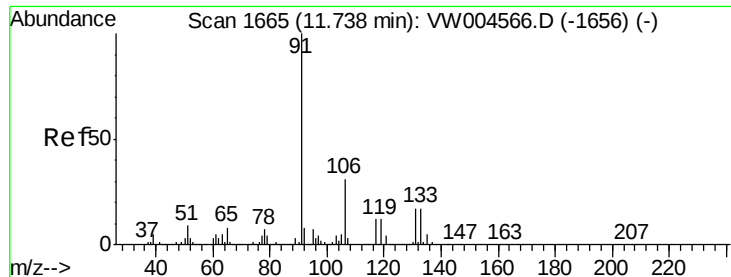
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.98 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion:131 Resp: 155416
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.4
119 68.2 33.9 101.7





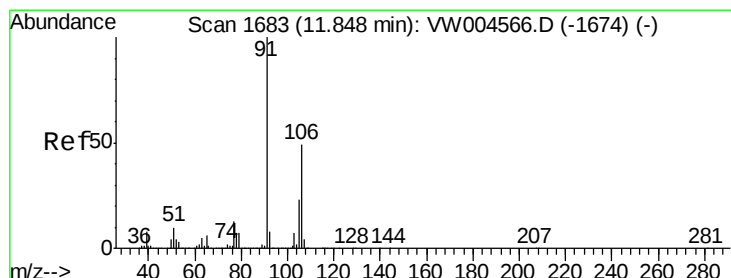
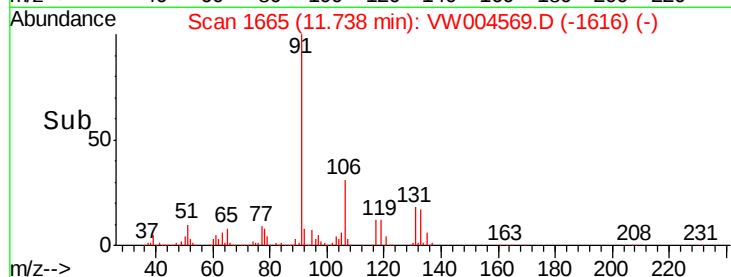
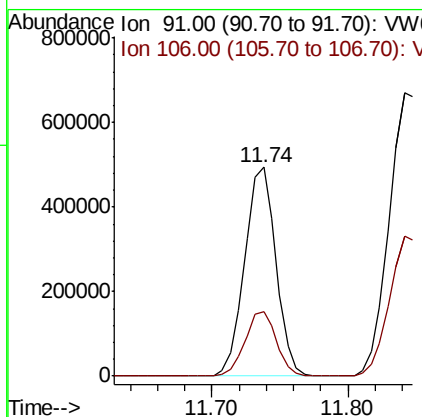
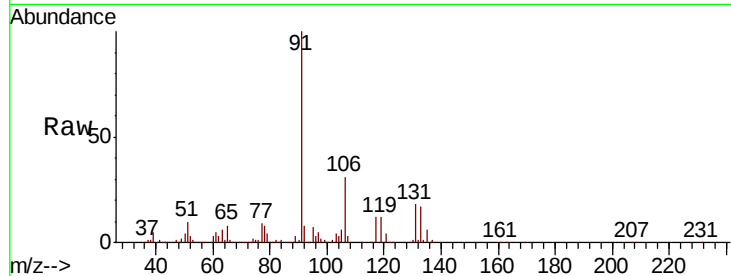
#67
Ethyl Benzene
Concen: 20.56 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion: 91 Resp: 796028
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.2

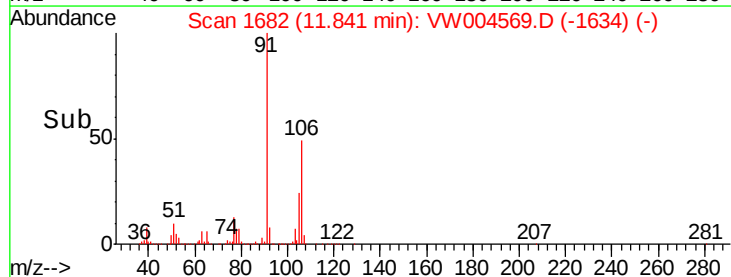
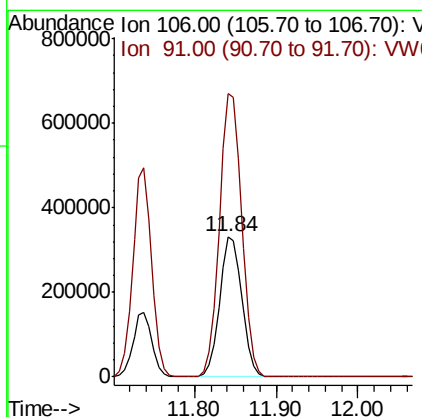
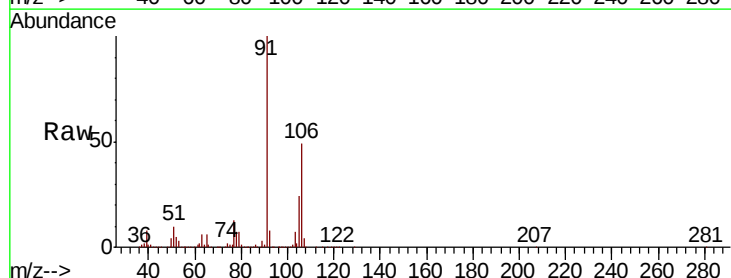
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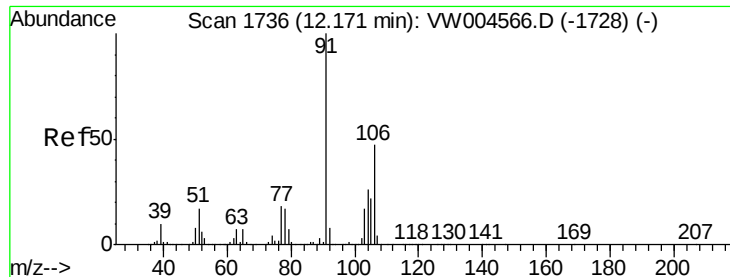
apatel
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#68
m/p-Xylenes
Concen: 41.87 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion: 106 Resp: 626637
Ion Ratio Lower Upper
106 100
91 202.9 162.8 244.2





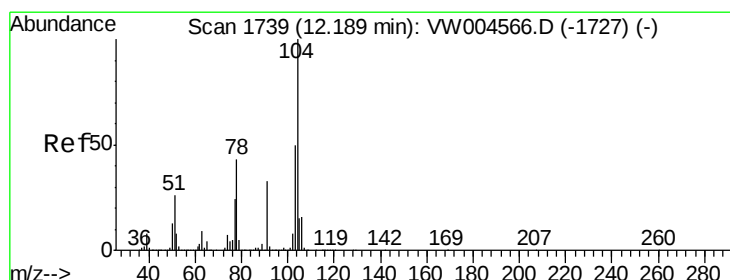
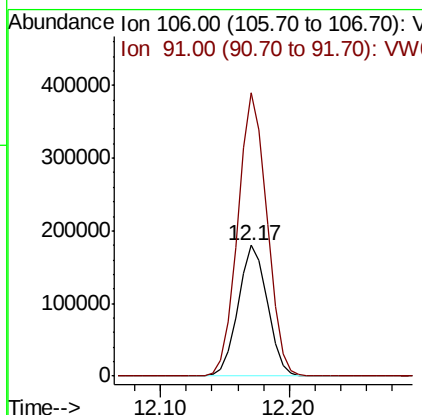
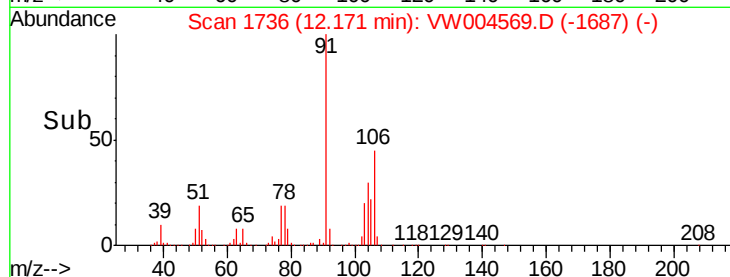
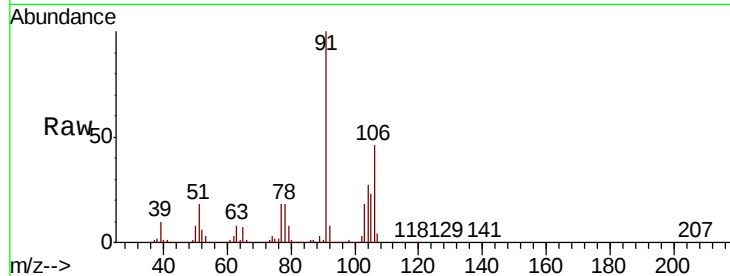
#69
o-Xylene
Concen: 20.36 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	282565		
91	91	216.0	106.7	320.2	

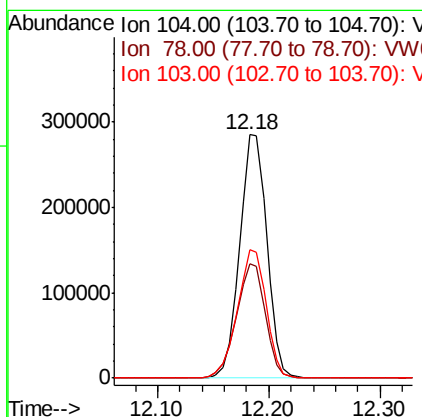
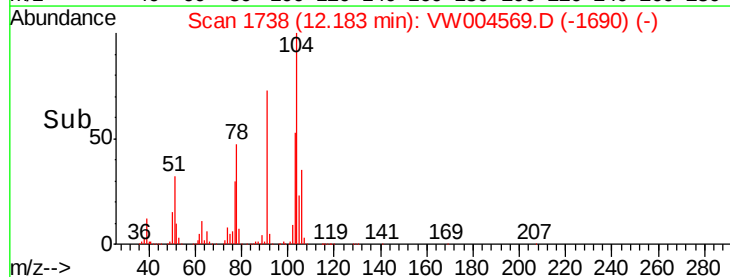
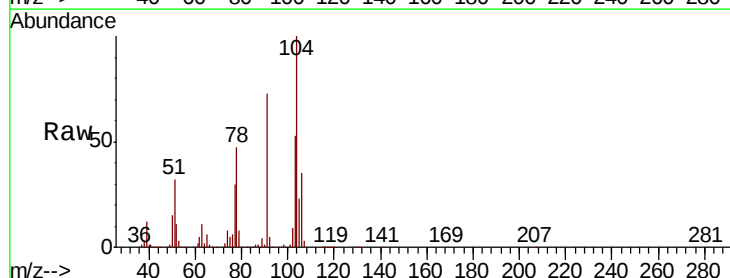
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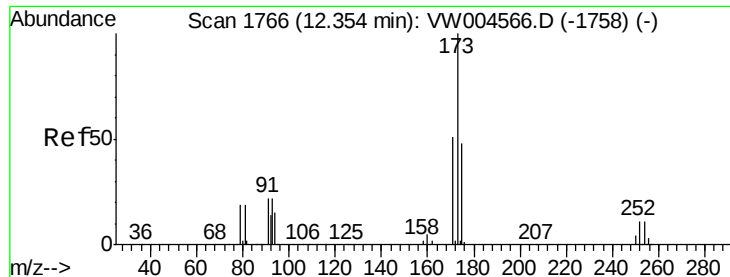
apatel
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#70
Styrene
Concen: 20.63 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	483810		
78	78	49.8	39.0	58.4	
103	103	55.7	44.2	66.2	





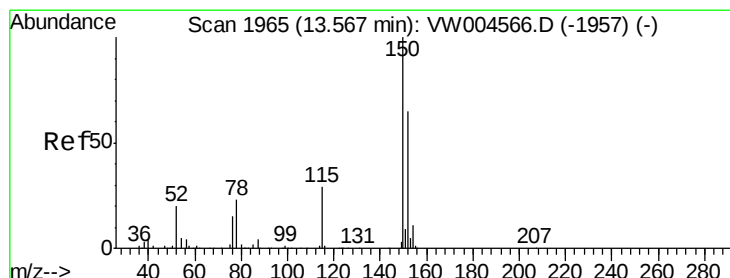
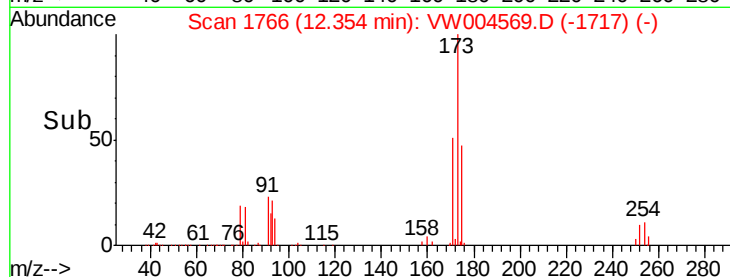
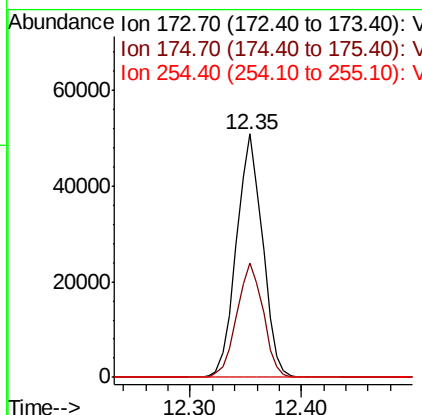
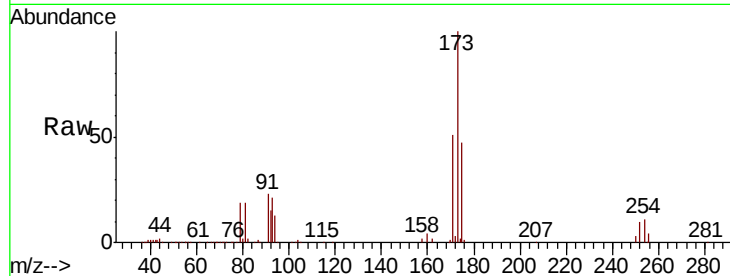
#71
Bromoform
Concen: 19.38 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampled :
VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.5	73.5
254	0.2	0.2	0.2

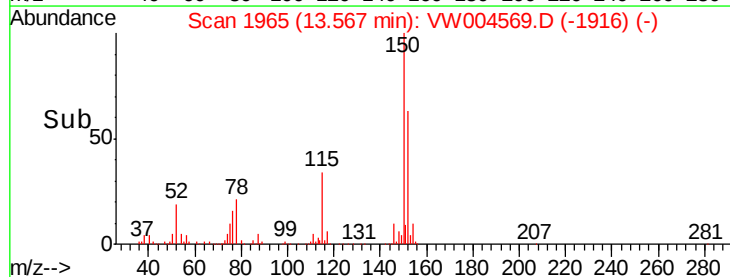
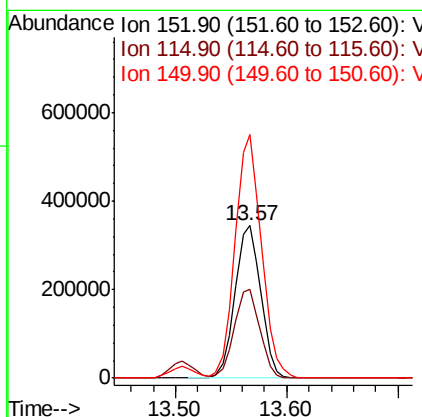
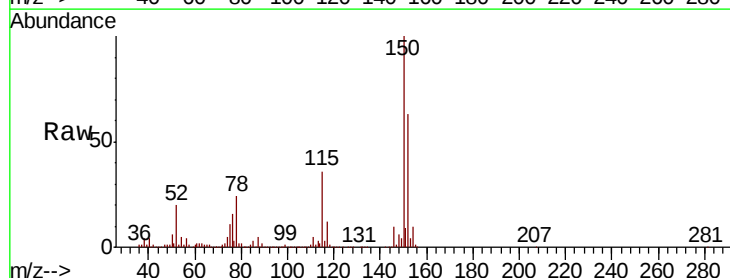
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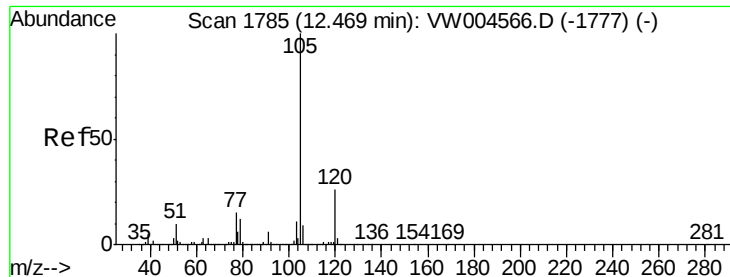
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.1	87.3
150	163.5	0.0	349.6





#73

Isopropylbenzene

Concen: 20.59 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 105 Resp: 783336

Ion Ratio Lower Upper

105 100

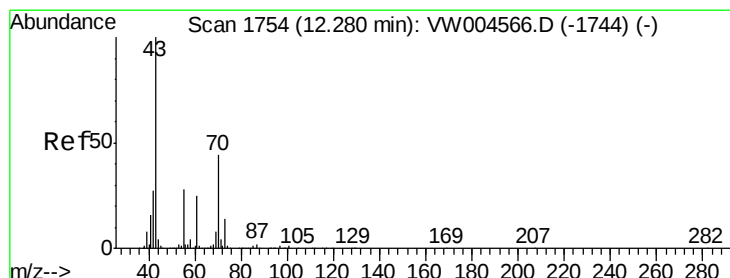
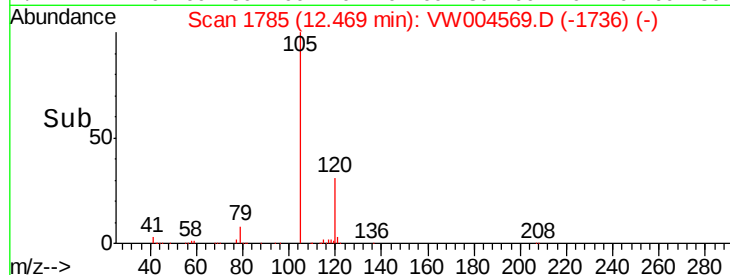
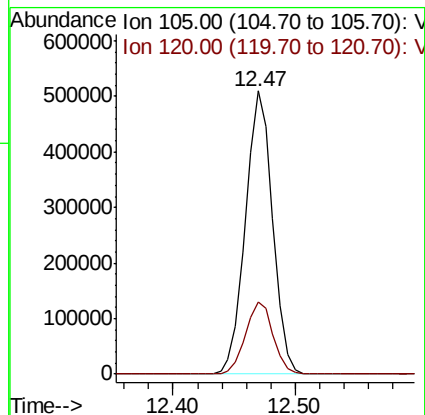
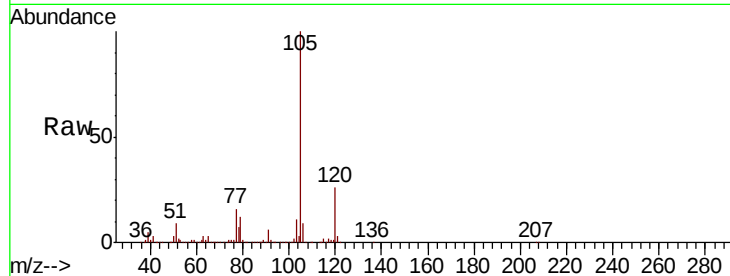
120 26.1 13.2 39.6

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#74

N-ethyl acetate

Concen: 18.42 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Tgt Ion: 43 Resp: 169916

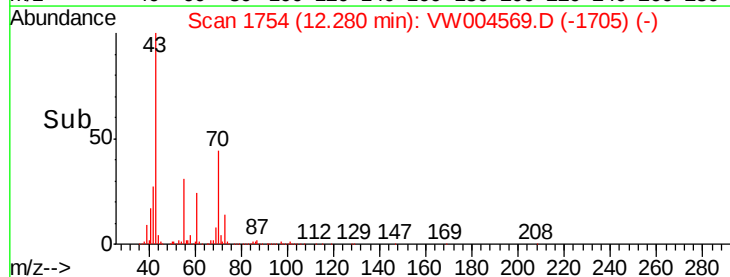
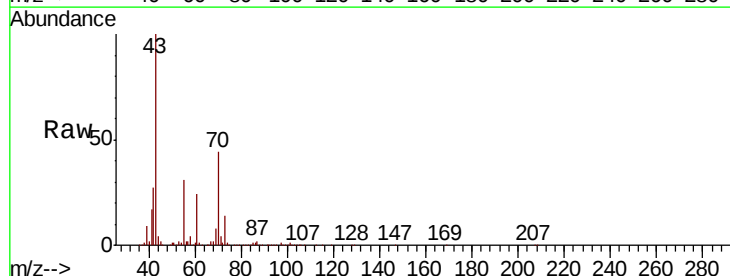
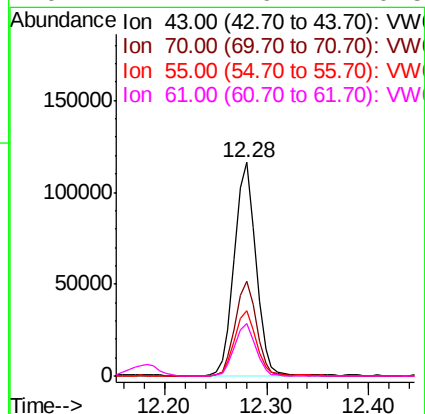
Ion Ratio Lower Upper

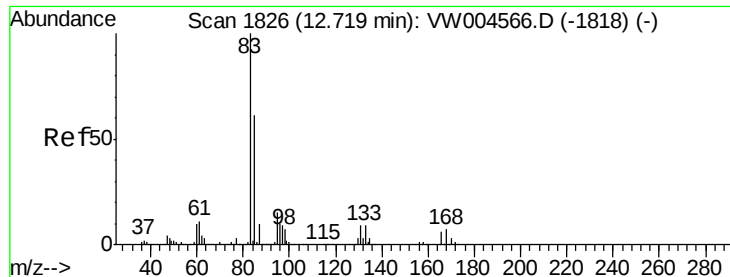
43 100

70 44.0 35.3 52.9

55 31.1 22.9 34.3

61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.54 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

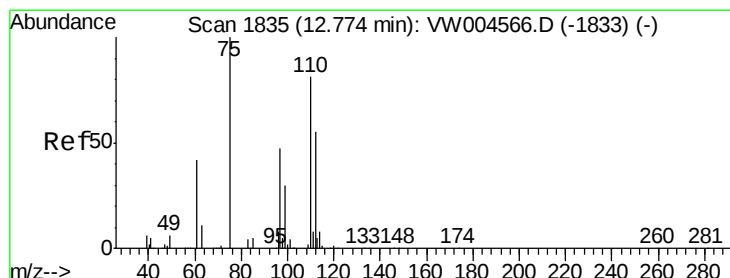
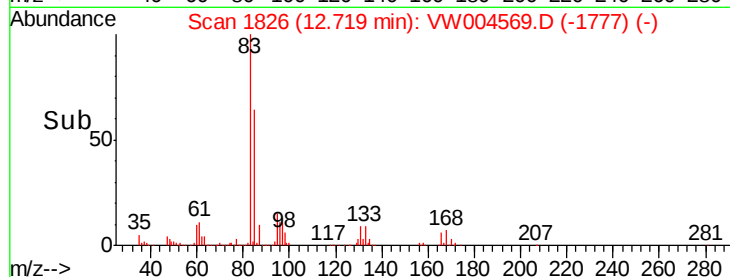
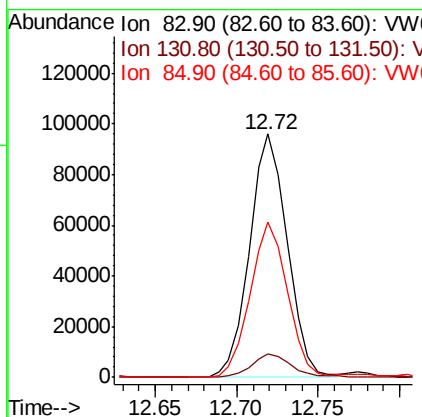
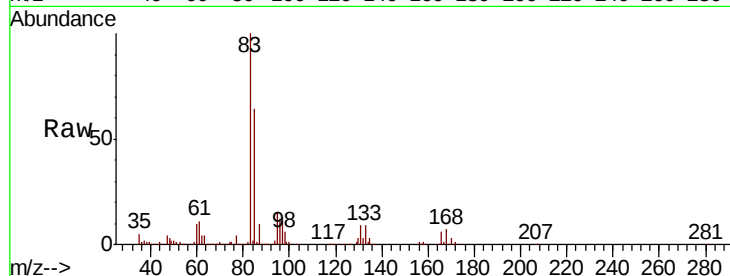
ClientSampleId :

VW0812SBSD01

Tot Ion:	83	Resp:	155140
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	62.9	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 17.92 ug/l m

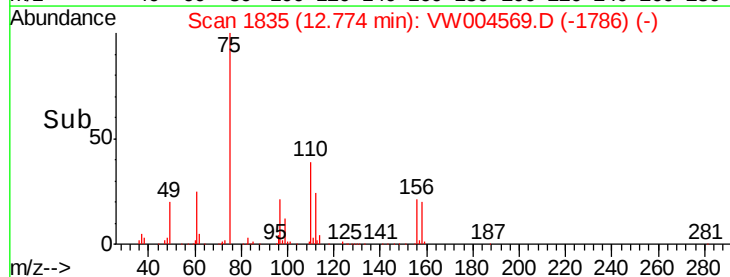
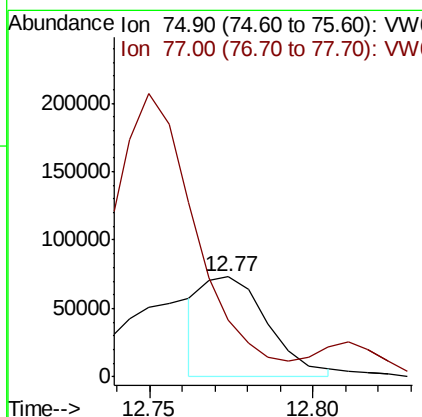
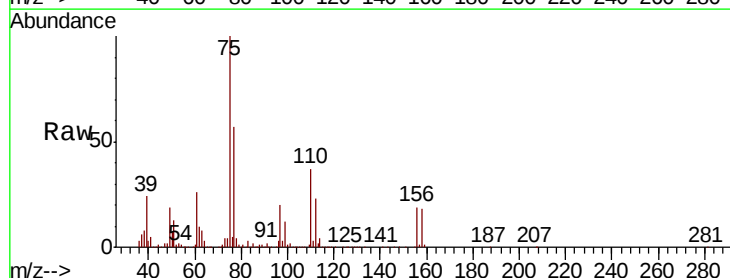
RT: 12.77 min Scan# 1835

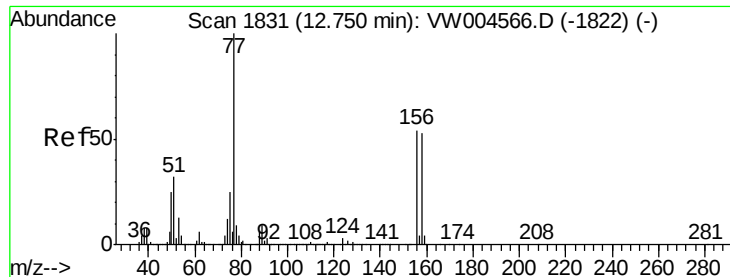
Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Tgt Ion:	75	Resp:	101975
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.68 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

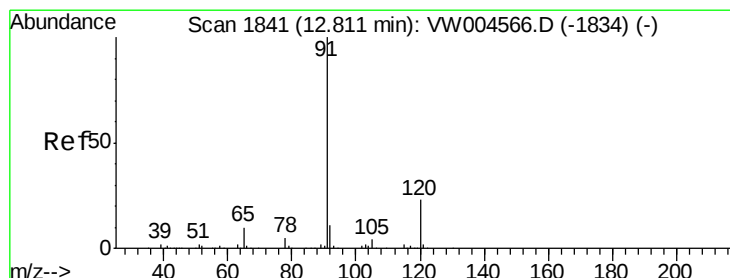
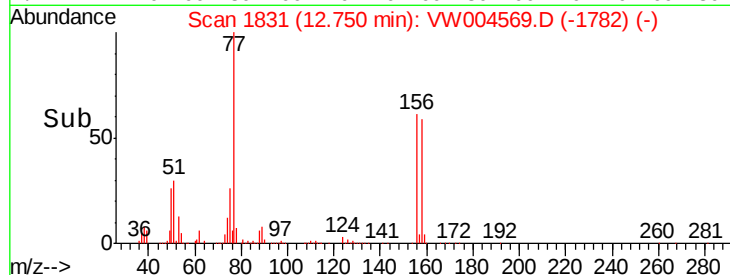
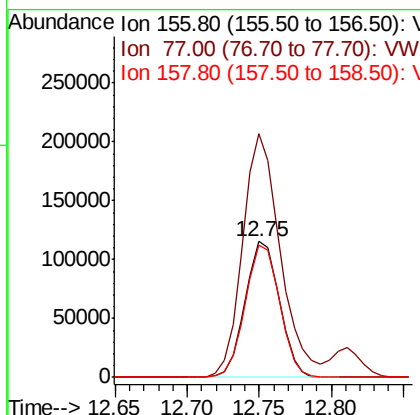
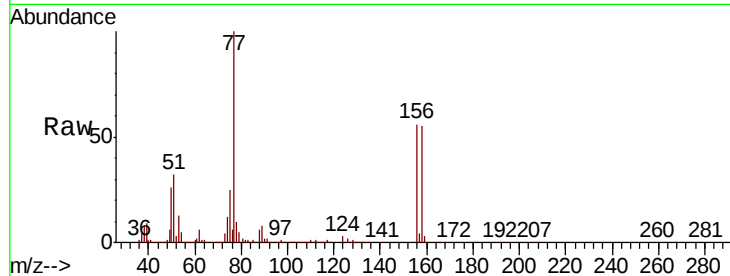
ClientSampleId :

VW0812SBSD01

Tot Ion:	156	Resp:	190292
Ion Ratio	Lower	Upper	
156	100		
77	196.7	98.7	296.1
158	97.8	48.7	146.1

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#78

n-propylbenzene

Concen: 20.92 ug/l

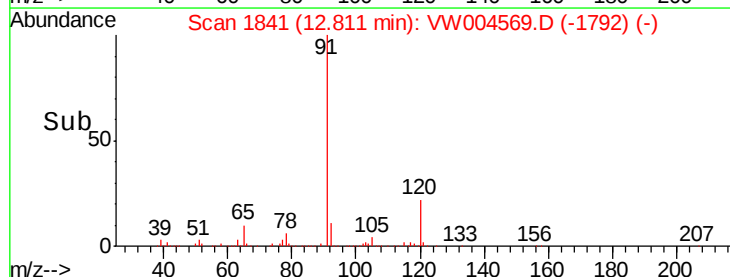
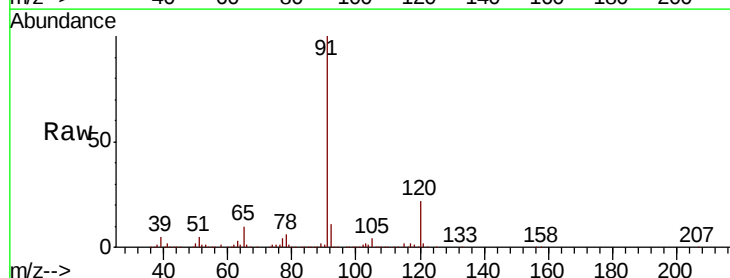
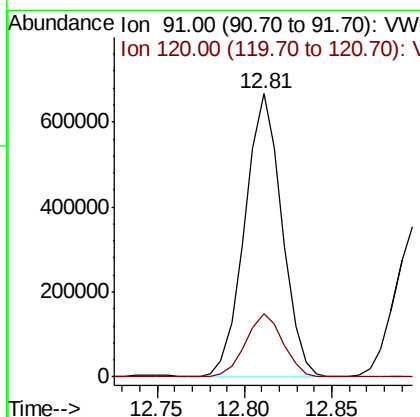
RT: 12.81 min Scan# 1841

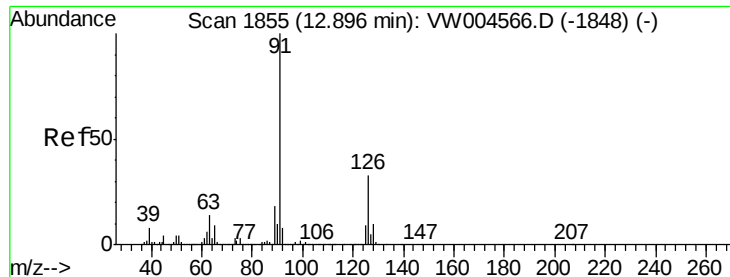
Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Tgt Ion:	91	Resp:	982114
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.3	33.9





#79

2-Chlorotoluene

Concen: 20.90 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBSD01

Tot Ion: 91 Resp: 567700

Ion Ratio Lower Upper

91 100

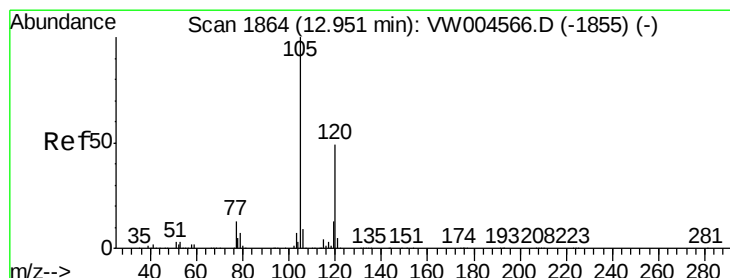
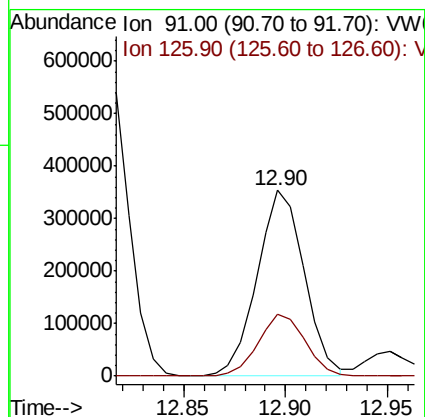
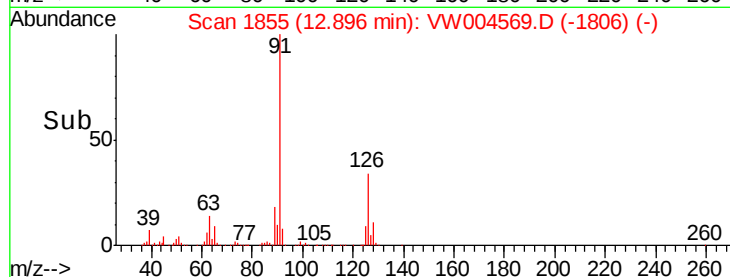
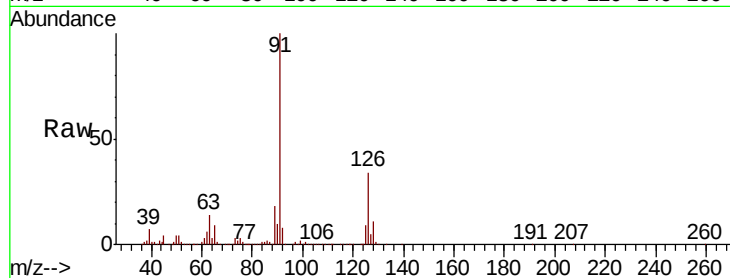
126 33.4 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 21.40 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004569.D

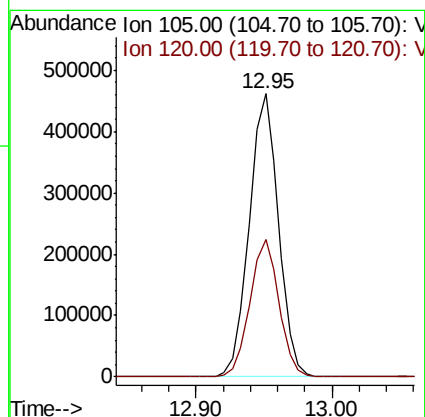
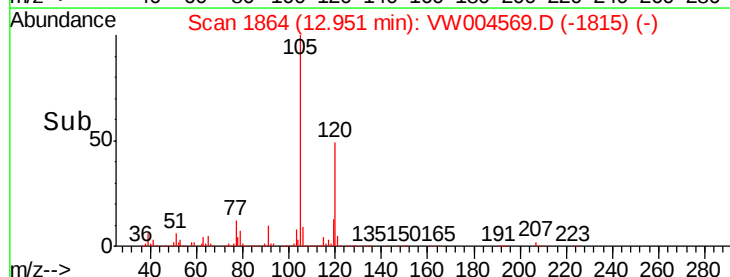
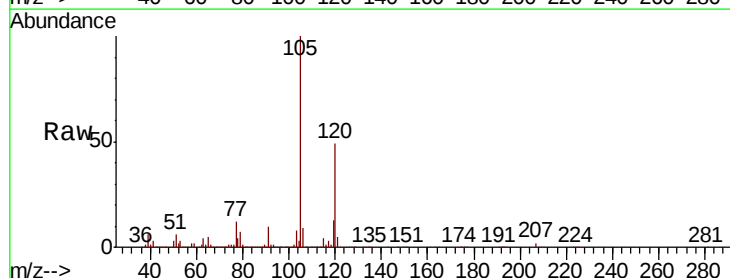
Acq: 09 Aug 2018 23:52

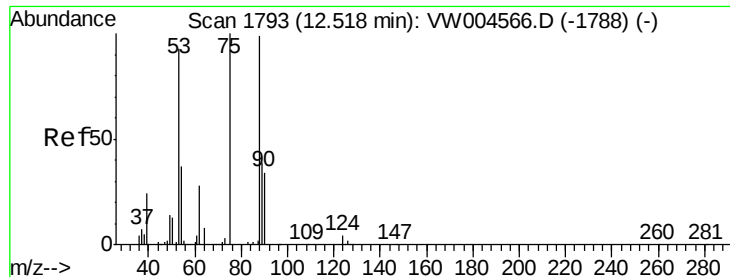
Tgt Ion:105 Resp: 694333

Ion Ratio Lower Upper

105 100

120 48.5 24.6 73.8





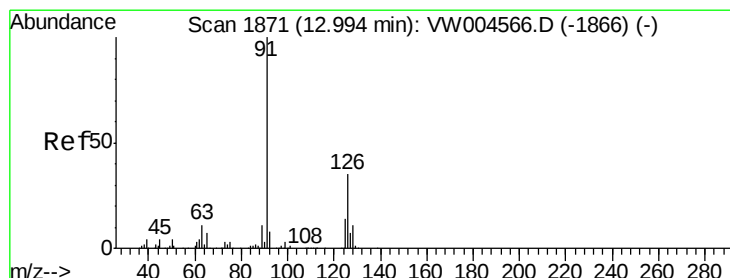
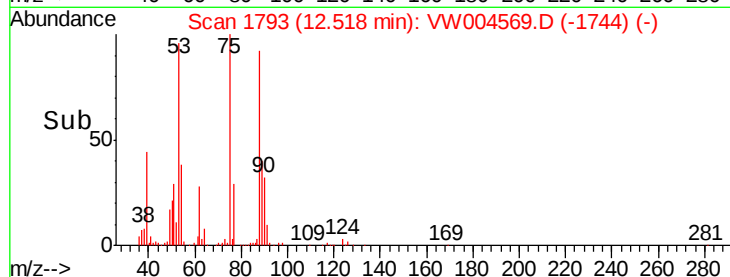
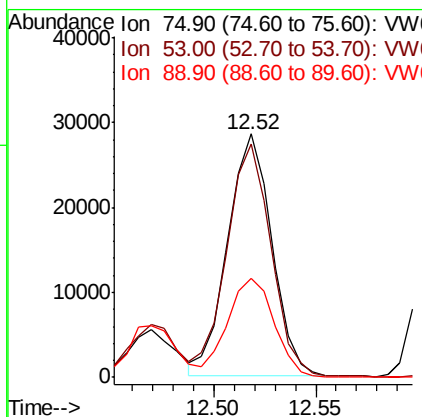
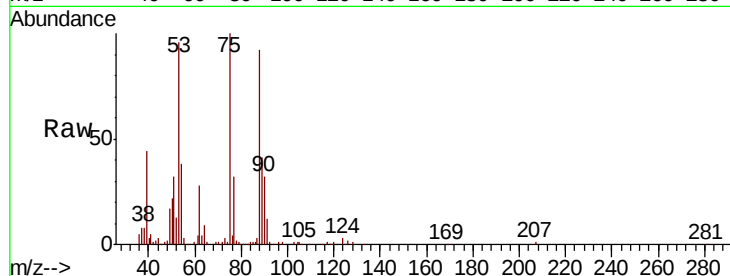
#81
trans-1,4-Dichloro-2-butene
Concen: 18.07 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	74.4	111.6
89	42.9	35.9	53.9

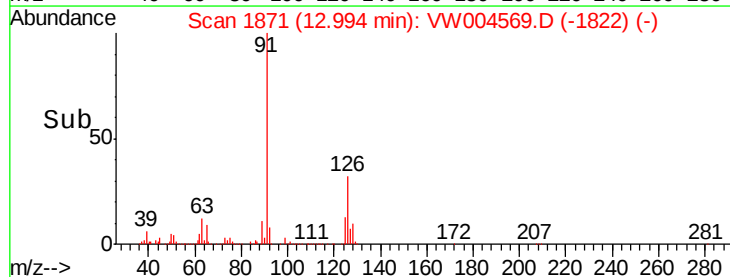
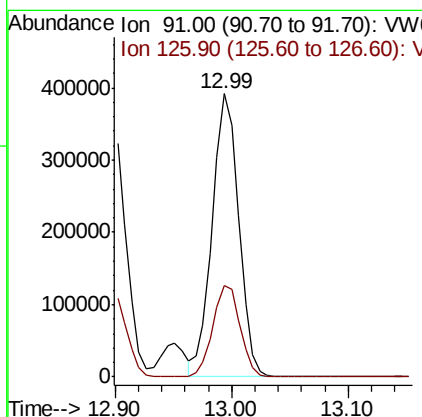
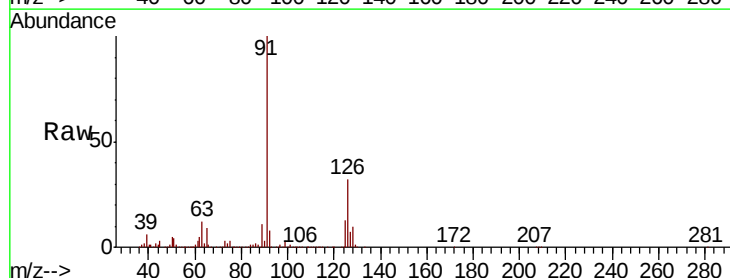
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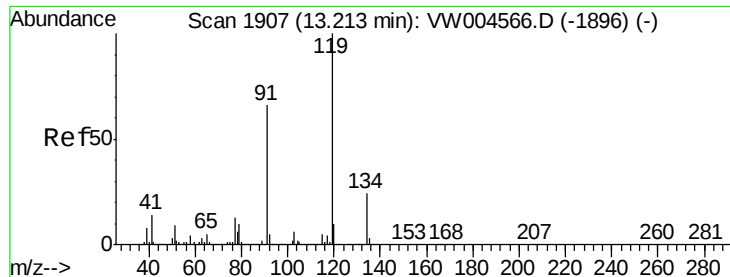
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#82
4-Chlorotoluene
Concen: 21.29 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





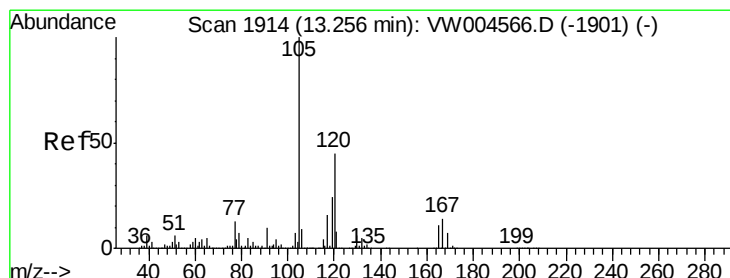
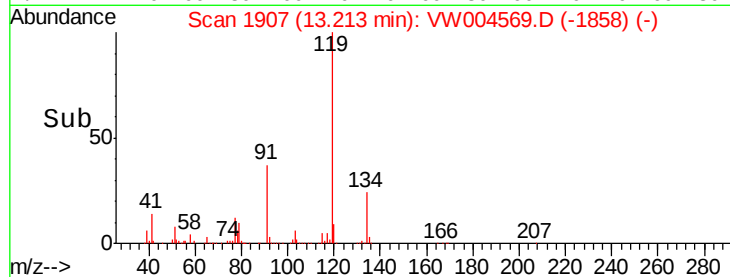
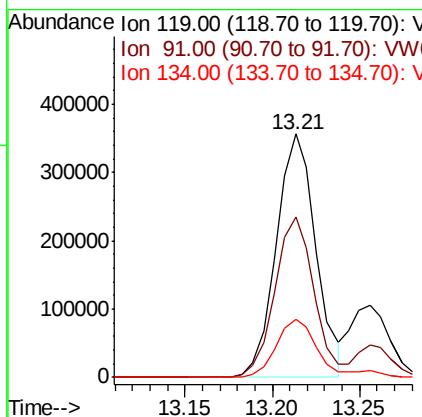
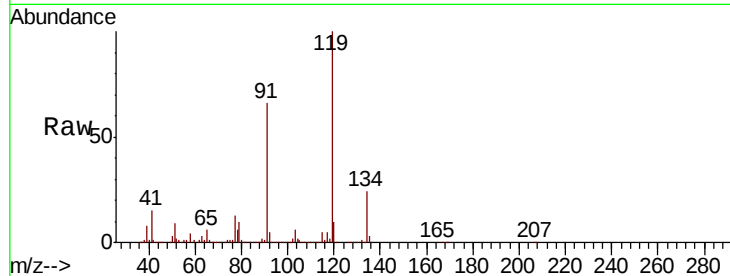
#83
 tert-Butylbenzene
 Concen: 20.70 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	33.3	99.8
134	26.1	12.2	36.6

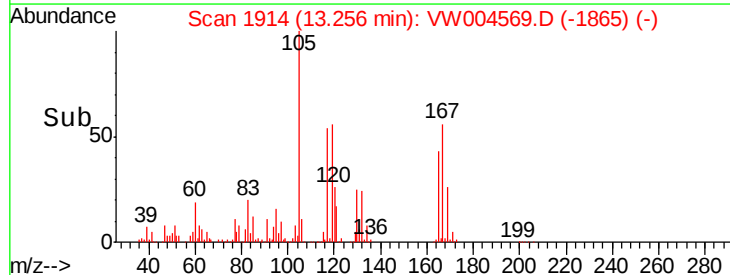
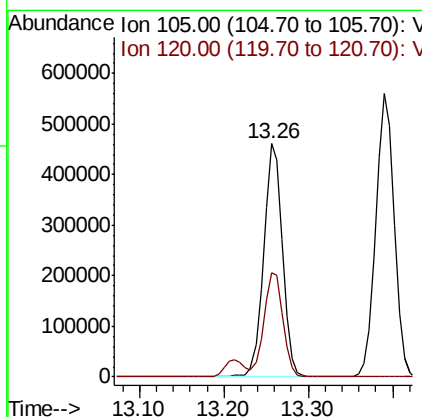
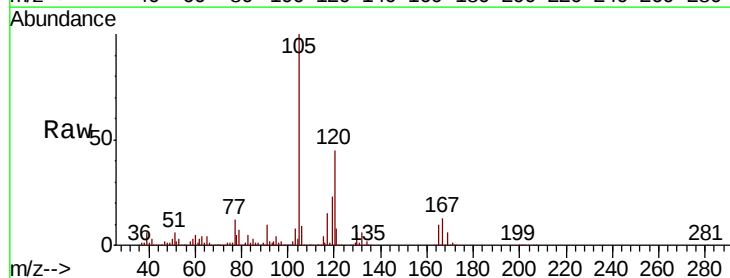
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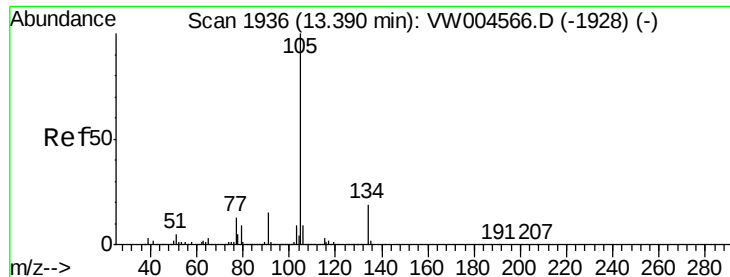
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.10 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.69 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

VW0812SBS01

Tot Ion:105 Resp: 849605

Ion Ratio Lower Upper

105 100

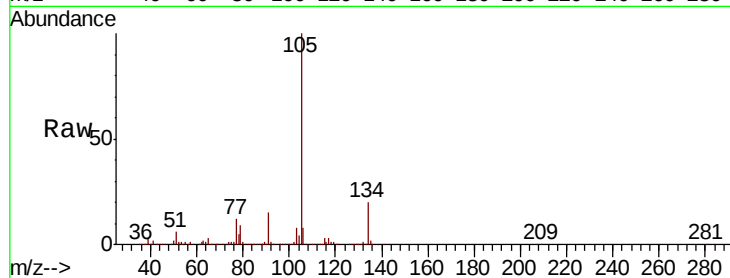
134 19.5 9.8 29.5

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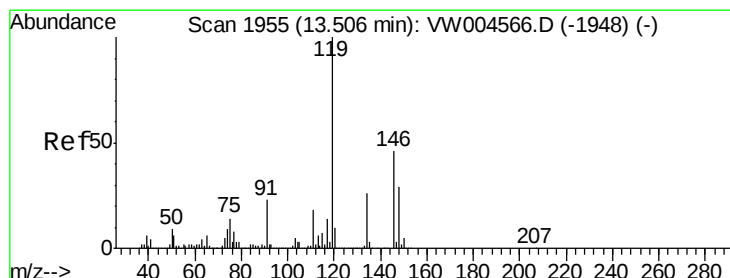
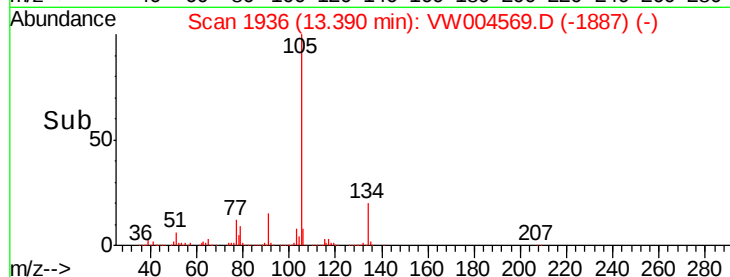
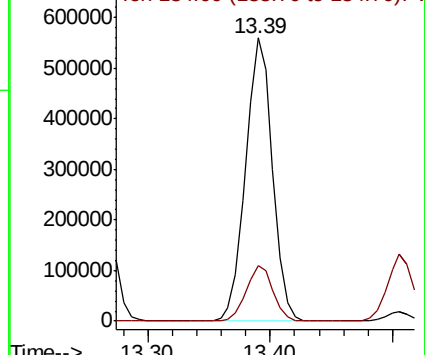
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.84 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004569.D

Acq: 09 Aug 2018 23:52

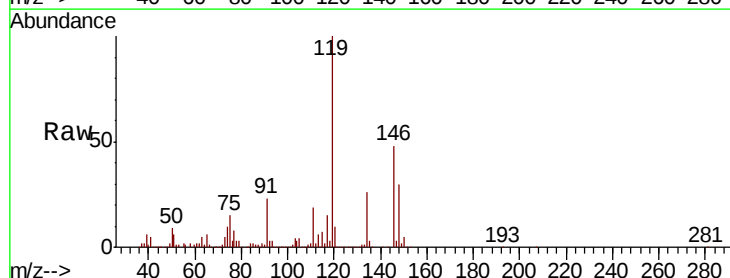
Tgt Ion:119 Resp: 741578

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

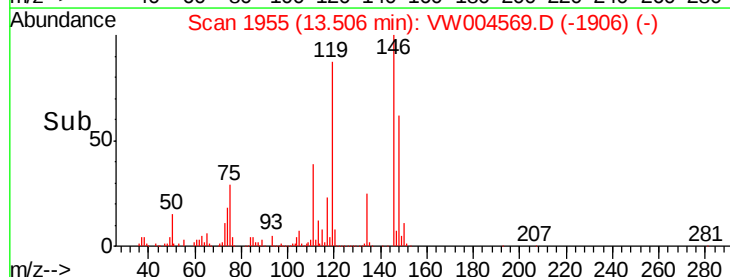
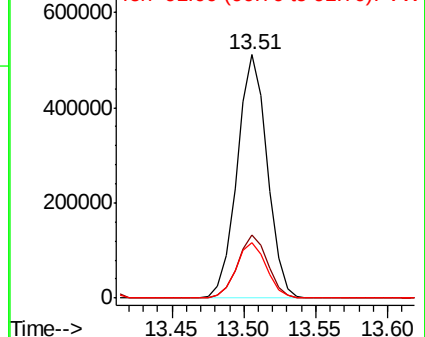
91 23.1 11.4 34.1

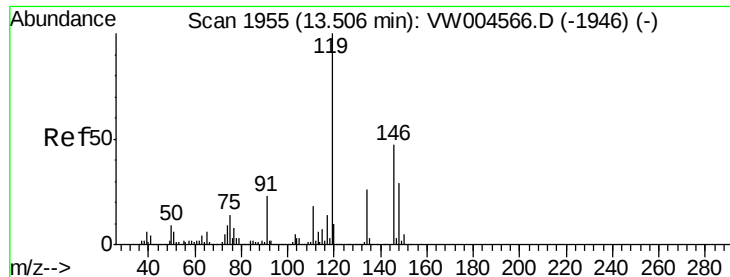


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





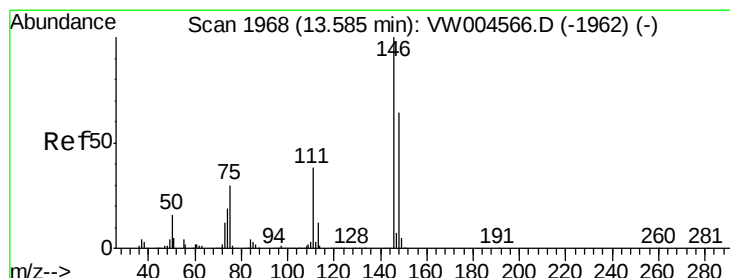
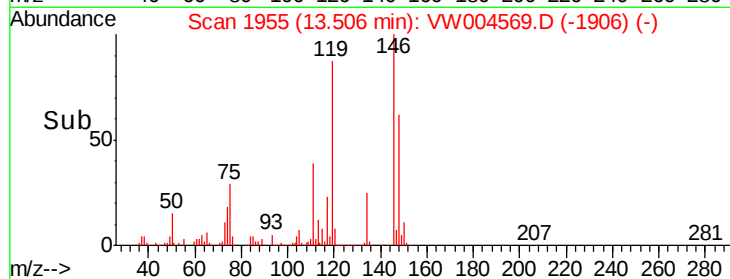
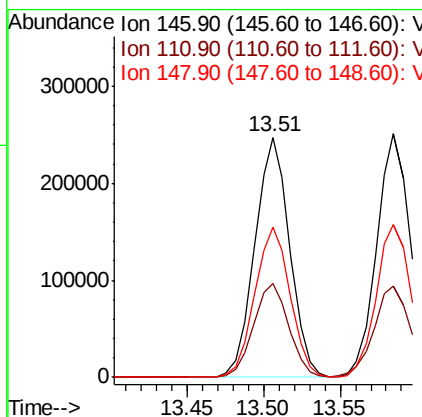
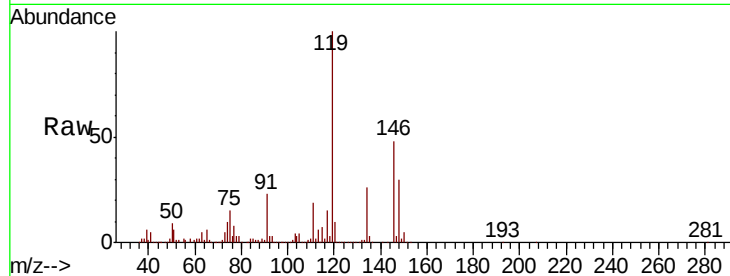
#87
 1,3-Dichlorobenzene
 Concen: 20.61 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	390801		
111	39.7	20.0	59.9	
148	63.5	31.7	95.1	

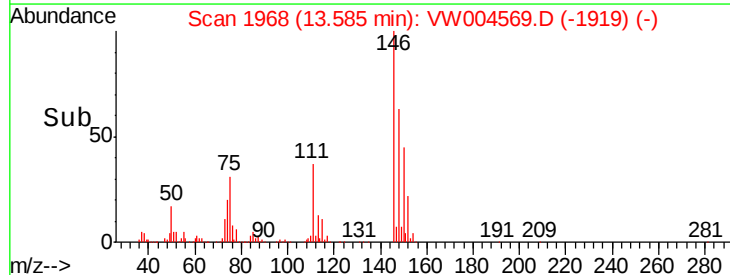
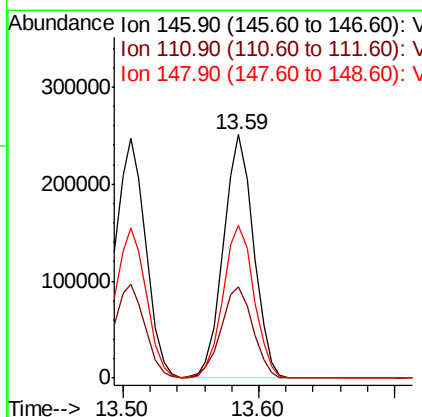
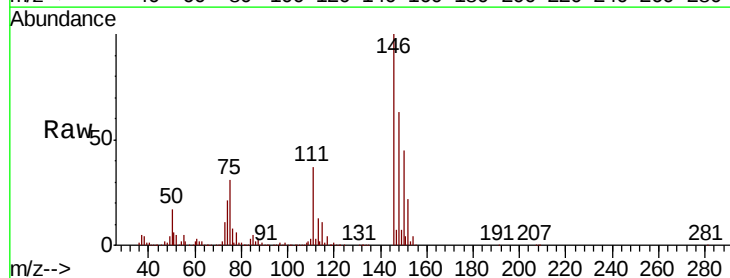
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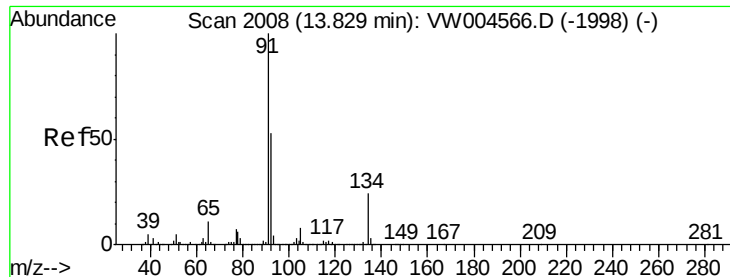
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#88
 1,4-Dichlorobenzene
 Concen: 20.50 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	386907		
111	39.7	19.6	58.8	
148	64.4	31.9	95.5	





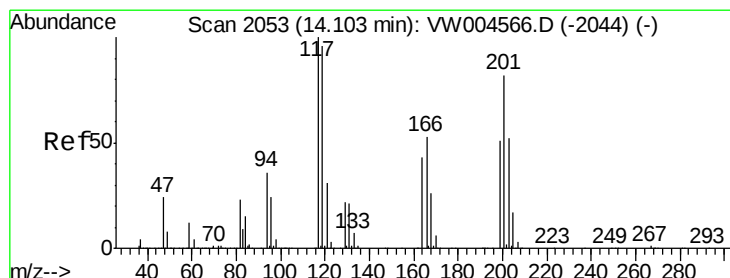
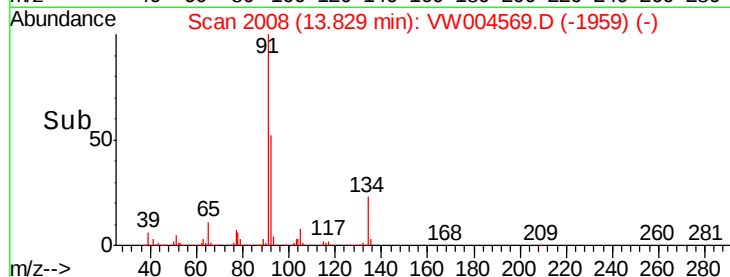
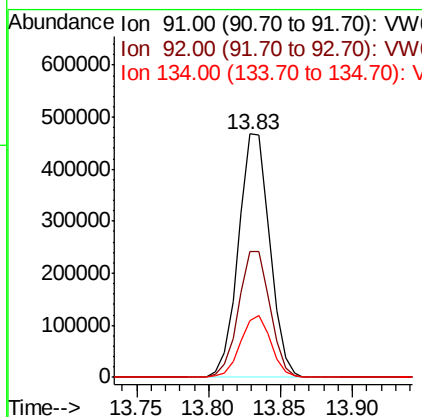
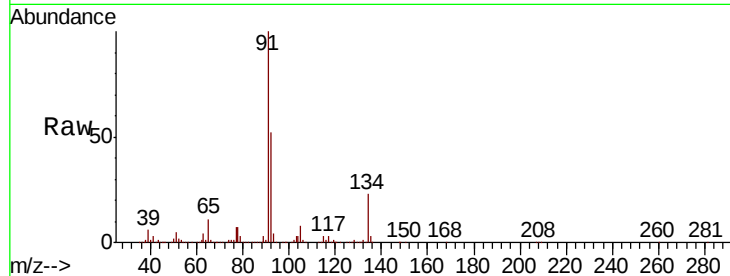
#89
n-Butylbenzene
Concen: 20.18 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.0
134	24.8	12.4	37.2

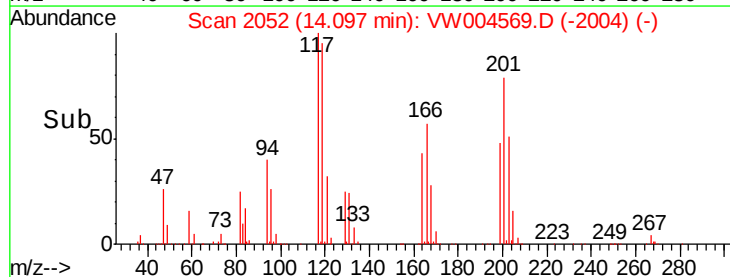
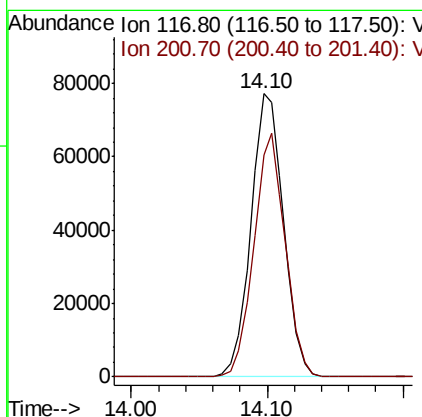
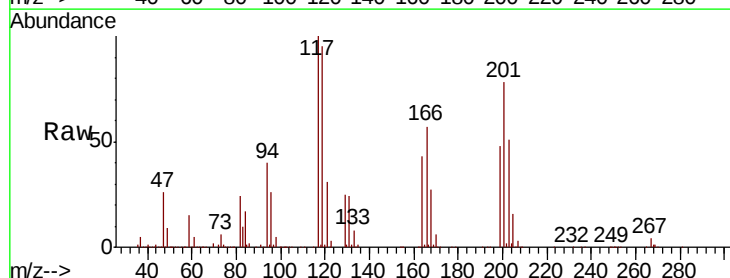
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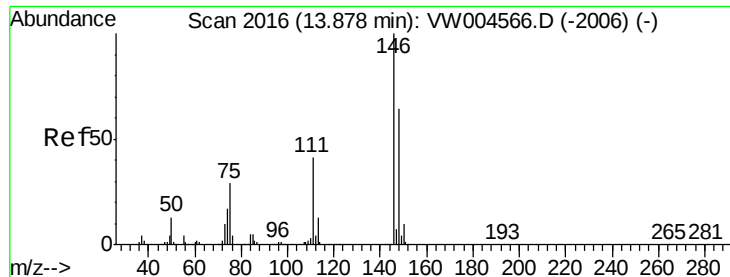
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#90
Hexachloroethane
Concen: 19.70 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.7	40.1	120.3





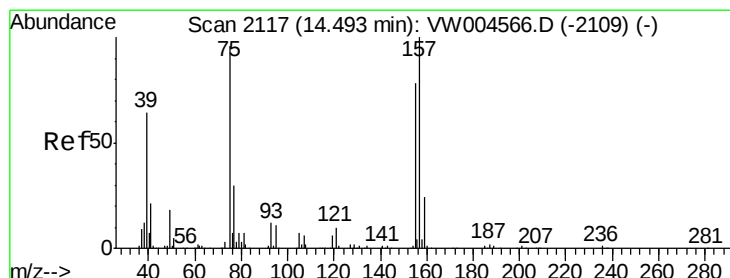
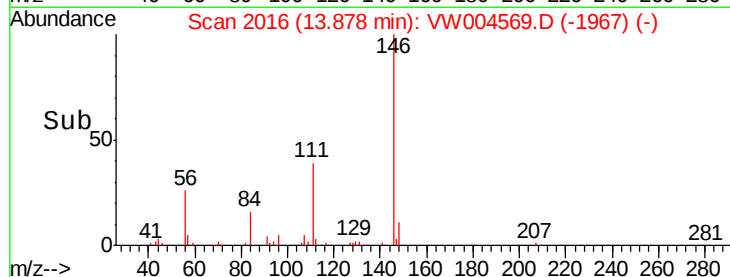
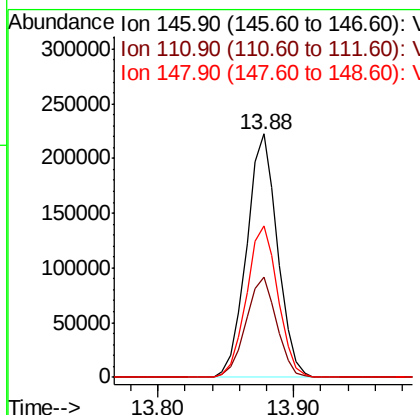
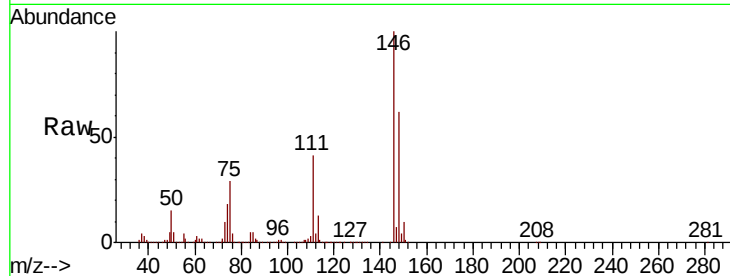
#91
 1,2-Dichlorobenzene
 Concen: 20.52 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	353006		
111	41.0		20.8	62.2
148	63.3		31.8	95.4

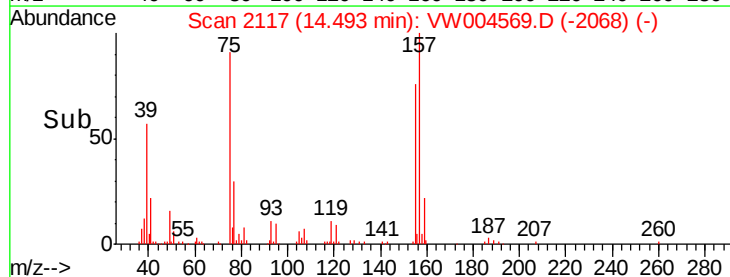
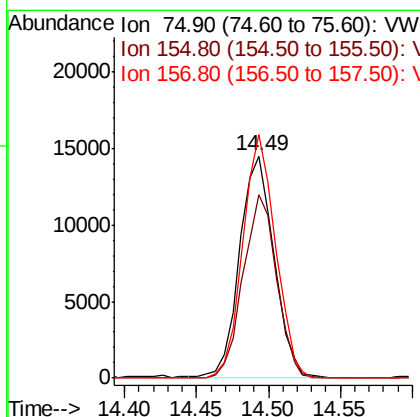
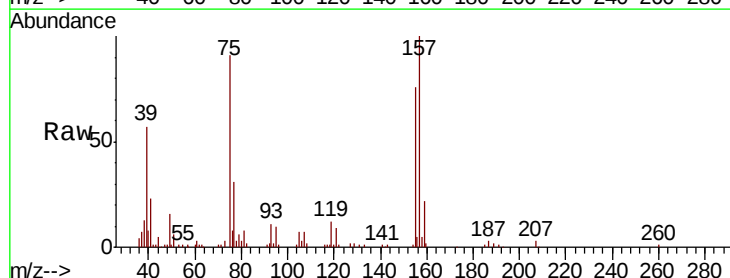
Manual Integrations
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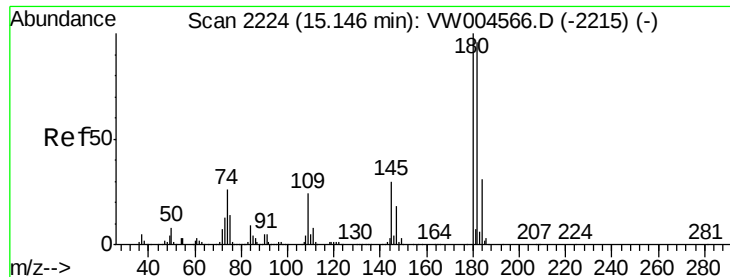
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.57 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24095		
155	79.7		41.3	123.7
157	103.6		52.6	157.8





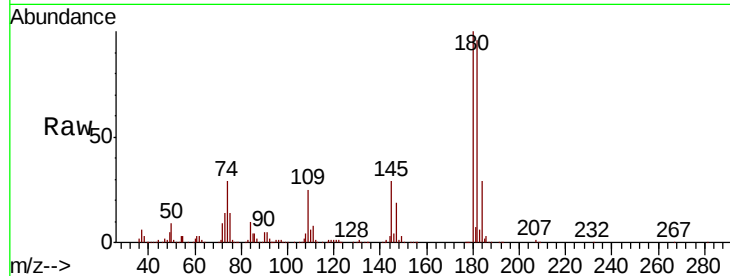
#93
 1,2,4-Trichlorobenzene
 Concen: 20.12 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0812SBSD01

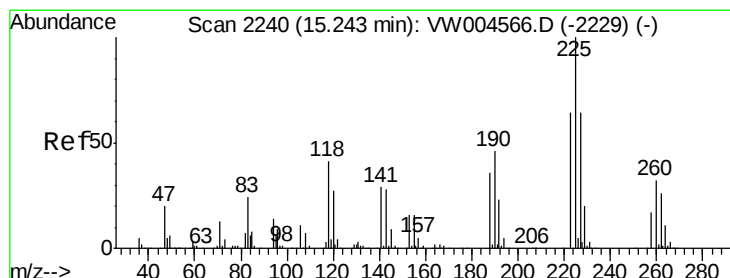
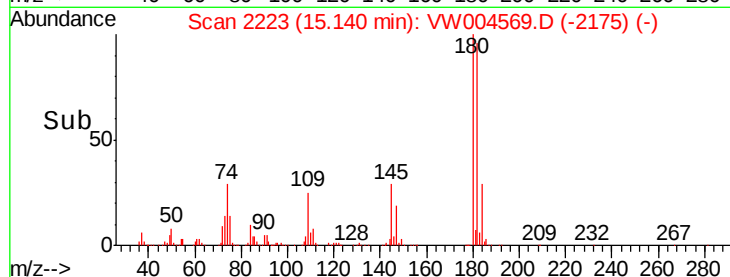
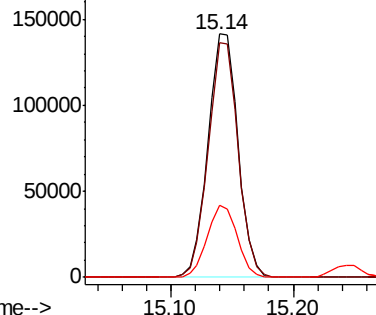
Tot Ion:	180	Resp:	239636
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.6
145	29.5	14.9	44.9

Manual Integrations
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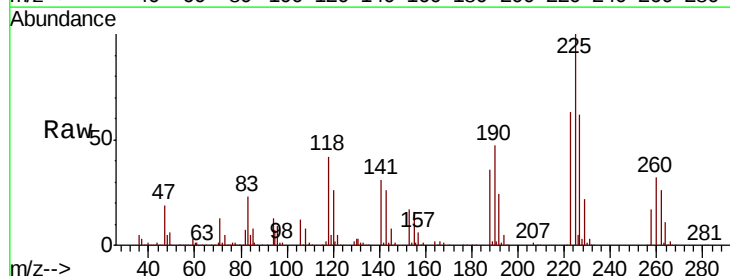


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

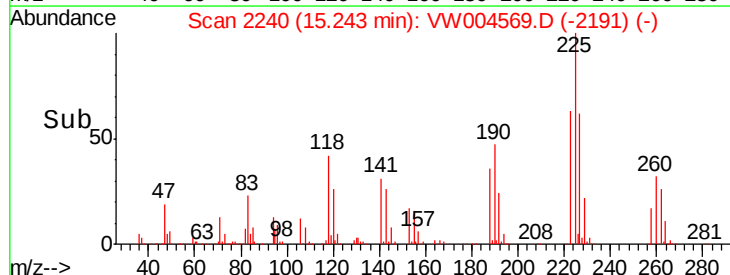
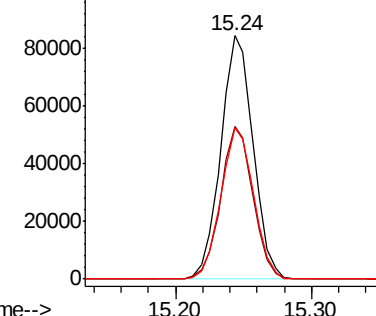


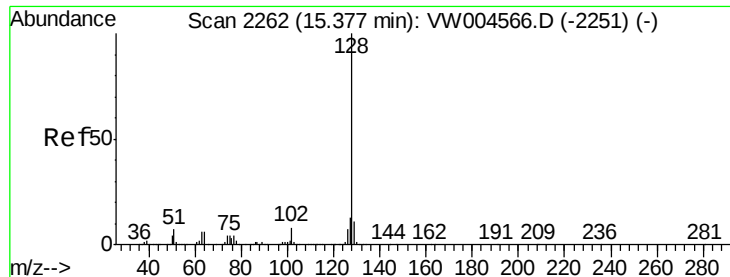
#94
 Hexachlorobutadiene
 Concen: 20.25 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW004569.D
 Acq: 09 Aug 2018 23:52

Tgt Ion:	225	Resp:	140420
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.3	93.8
227	62.8	31.8	95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





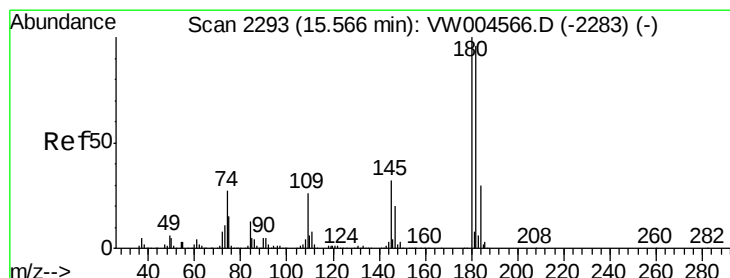
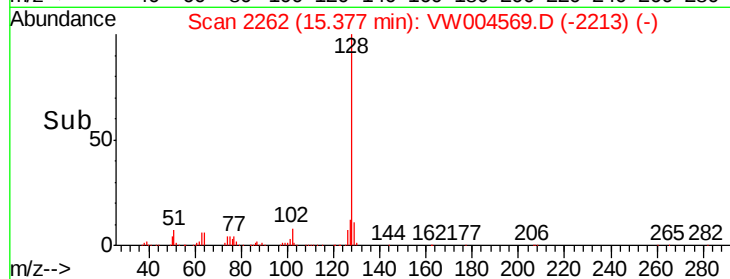
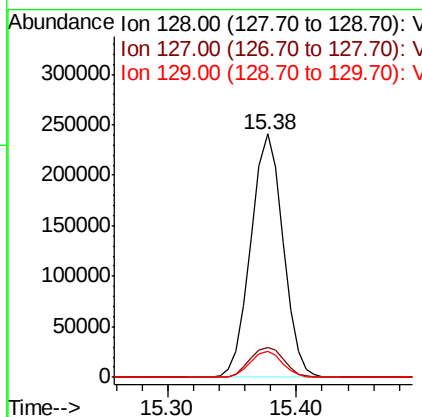
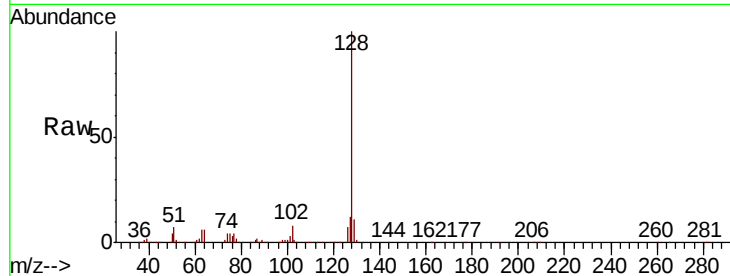
#95
Naphthalene
Concen: 18.92 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Instrument :
MSVOA_W
ClientSampleId :
VW0812SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.22 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004569.D
Acq: 09 Aug 2018 23:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.0	141.2
145	31.7	15.9	47.6

