

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051518\
 Data File : VW002569.D
 Acq On : 16 May 2018 00:57
 Operator : JC/SY
 Sample : VW0515SBS03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

Manual Integrations
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 5/16/2018 12:27:10 PM

Quant Time: May 16 07:32:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 03:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	291234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117000	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.88	113	105746	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	10.33	98	402944	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.63	95	144476	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15830	19.94	ug/l	96
3) Chloromethane	2.21	50	30926	20.36	ug/l	98
4) Vinyl Chloride	2.36	62	48249	20.26	ug/l	95
5) Bromomethane	2.76	94	41665	21.34	ug/l	95
6) Chloroethane	2.92	64	35185	21.47	ug/l	89
7) Trichlorofluoromethane	3.24	101	16914	16.12	ug/l	95
8) Diethyl Ether	3.67	74	30360	24.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	35006	20.13	ug/l	97
10) Methyl Iodide	4.26	142	56124	20.26	ug/l	98
11) Tert butyl alcohol	5.19	59	15952	97.59	ug/l	97
12) 1,1-Dichloroethene	4.02	96	35014	20.34	ug/l	98
13) Acrolein	3.89	56	13685	84.99	ug/l	99
14) Allyl chloride	4.65	41	46882	18.36	ug/l	97
15) Acrylonitrile	5.37	53	46526	102.73	ug/l	99
16) Acetone	4.12	43	44740	99.66	ug/l	99
17) Carbon Disulfide	4.37	76	94250	19.90	ug/l	99
18) Methyl Acetate	4.67	43	25875	19.77	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	65626	20.75	ug/l	99
20) Methylene Chloride	4.91	84	41604	21.74	ug/l	96
21) trans-1,2-Dichloroethene	5.40	96	37096	19.94	ug/l	93
22) Diisopropyl ether	6.31	45	114330	20.21	ug/l	97
23) Vinyl Acetate	6.25	43	340004	99.16	ug/l	98
24) 1,1-Dichloroethane	6.21	63	70216	20.59	ug/l	98
25) 2-Butanone	7.18	43	64172	101.09	ug/l	99
26) 2,2-Dichloropropane	7.16	77	32365	16.94	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	43229	20.37	ug/l	98
28) Bromochloromethane	7.51	49	33024	21.70	ug/l	99
29) Tetrahydrofuran	7.53	42	42705	107.69	ug/l	98
30) Chloroform	7.67	83	74749	20.53	ug/l	96
31) Cyclohexane	7.95	56	58402	19.33	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	56299	20.50	ug/l	97
36) 1,1-Dichloropropene	8.08	75	55456	20.12	ug/l	99
37) Ethyl Acetate	7.26	43	29183	21.35	ug/l	98
38) Carbon Tetrachloride	8.07	117	52368	19.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	61179	19.38	ug/l	99
40) Benzene	8.32	78	162717	20.56	ug/l	100
41) Methacrylonitrile	7.48	41	17011	22.23	ug/l	92
42) 1,2-Dichloroethane	8.40	62	52235	20.78	ug/l	99
43) Isopropyl Acetate	8.43	43	53522	20.35	ug/l	98
44) Trichloroethene	9.10	130	45010	20.75	ug/l	92
45) 1,2-Dichloropropane	9.37	63	41495	20.58	ug/l	98
46) Dibromomethane	9.46	93	23727	20.68	ug/l	97
47) Bromodichloromethane	9.65	83	55133	20.60	ug/l	95
48) Methyl methacrylate	9.44	41	25075	19.68	ug/l	98
49) 1,4-Dioxane	9.45	88	8809	460.59	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	149171	103.32	ug/l	99
52) Toluene	10.39	92	102678	20.52	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	52312	19.33	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	58893	19.52	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	33489	20.71	ug/l	96
56) Ethyl methacrylate	10.65	69	40357	20.48	ug/l	98
57) 1,3-Dichloropropane	10.94	76	55542	20.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	103319	106.82	ug/l	100
59) 2-Hexanone	10.98	43	102394	102.73	ug/l	98
60) Dibromochloromethane	11.13	129	39172	20.53	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32748	20.99	ug/l	100
64) Tetrachloroethene	10.87	164	50399	24.55	ug/l	93
65) Chlorobenzene	11.66	112	120355	20.75	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	42941	20.68	ug/l	97
67) Ethyl Benzene	11.74	91	197652	20.05	ug/l	99
68) m/p-Xylenes	11.85	106	154302	40.26	ug/l	99
69) o-Xylene	12.18	106	73136	20.08	ug/l	98
70) Styrene	12.19	104	124406	20.53	ug/l	97
71) Bromoform	12.36	173	24877	20.39	ug/l #	98
73) Isopropylbenzene	12.48	105	195888	19.74	ug/l	100
74) N-amyl acetate	12.28	43	51695	20.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	41125	20.45	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31047m	20.40	ug/l	
77) Bromobenzene	12.76	156	52136	20.59	ug/l	99
78) n-propylbenzene	12.82	91	238030	19.86	ug/l	99
79) 2-Chlorotoluene	12.90	91	137985	20.27	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	169443	20.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10100	18.10	ug/l	97
82) 4-Chlorotoluene	13.00	91	146908	19.96	ug/l	100
83) tert-Butylbenzene	13.22	119	144601	19.77	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	175690	19.98	ug/l	97
85) sec-Butylbenzene	13.40	105	208087	19.80	ug/l	100
86) p-Isopropyltoluene	13.51	119	188237	19.92	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	103001	20.11	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	102838	20.18	ug/l	98
89) n-Butylbenzene	13.83	91	174761	19.55	ug/l	99
90) Hexachloroethane	14.10	117	33440	19.76	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	95053	20.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7123	20.08	ug/l	96

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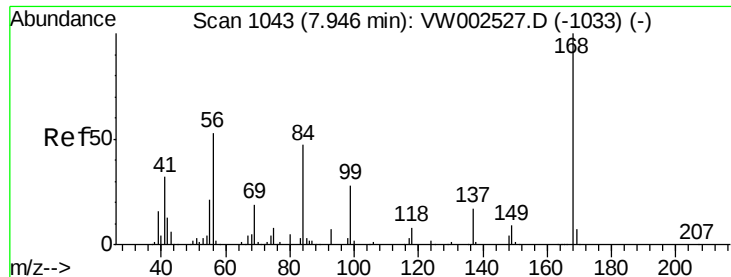
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	69553	20.56	ug/l	99
94) Hexachlorobutadiene	15.25	225	38023	20.20	ug/l	99
95) Naphthalene	15.38	128	128180	20.84	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	62786	20.74	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion:168 Resp: 205769

Ion Ratio Lower Upper

168 100

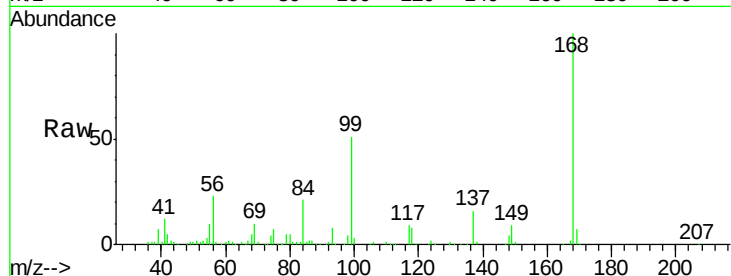
99 50.8 42.6 64.0

Manual Integrations

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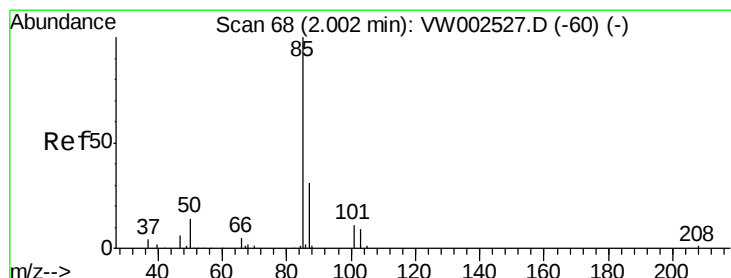
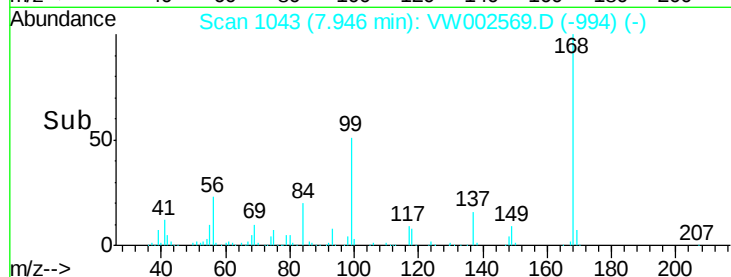
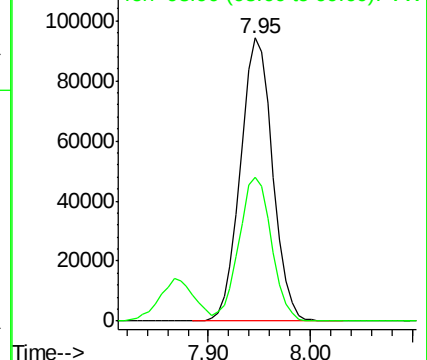
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.94 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW002569.D

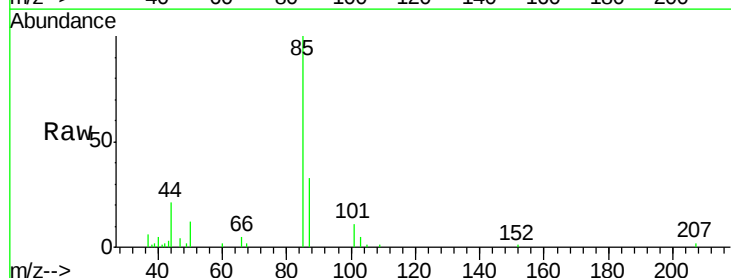
Acq: 16 May 2018 00:57

Tgt Ion: 85 Resp: 15830

Ion Ratio Lower Upper

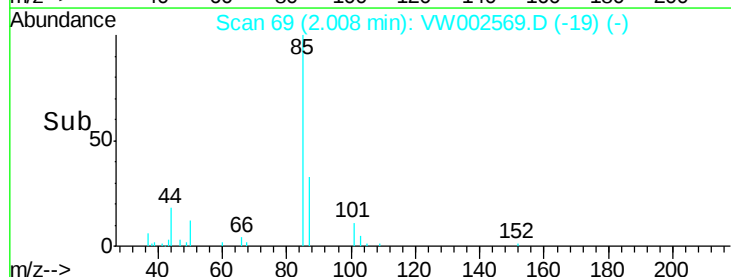
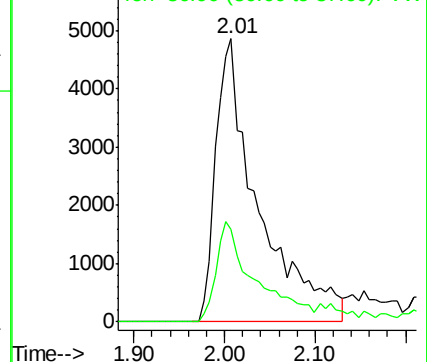
85 100

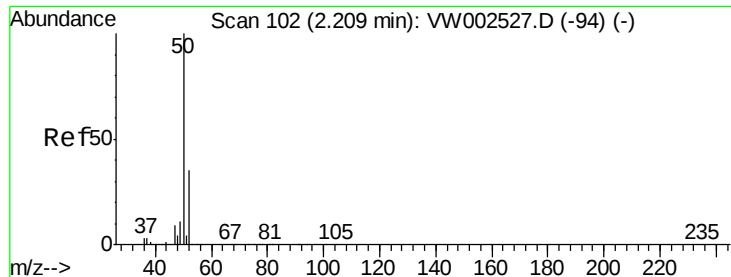
87 32.8 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.36 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 50 Resp: 30926

Ion Ratio Lower Upper

50 100

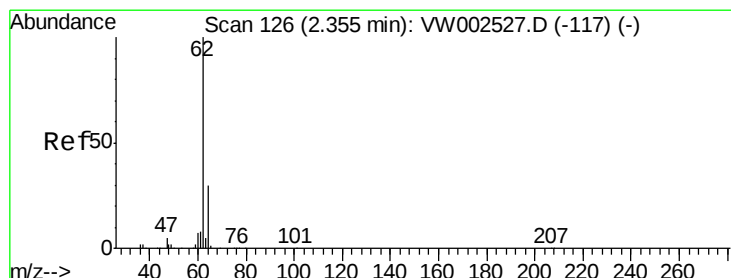
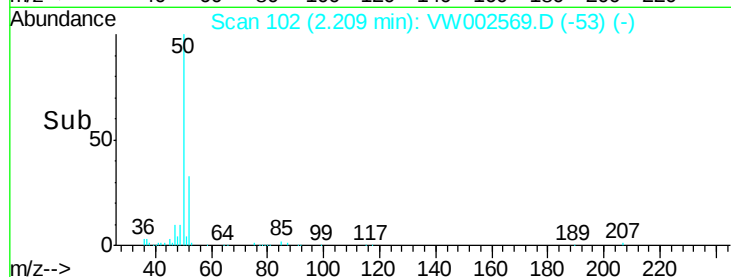
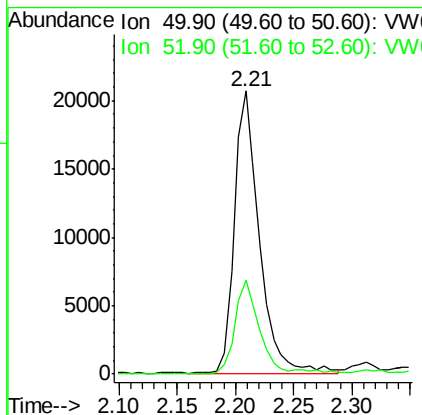
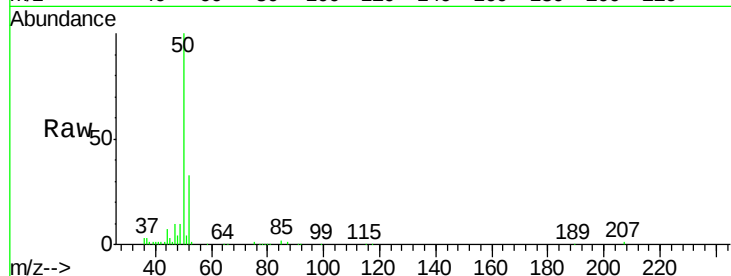
52 33.4 27.8 41.8

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#4

Vinyl Chloride

Concen: 20.26 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002569.D

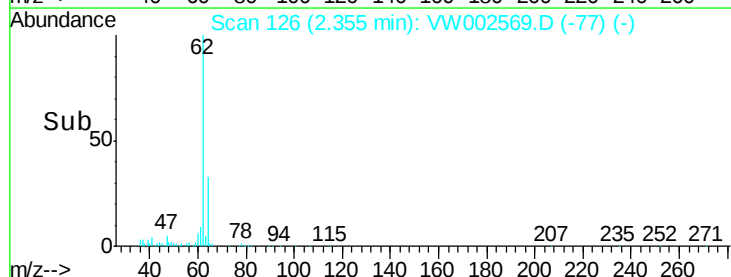
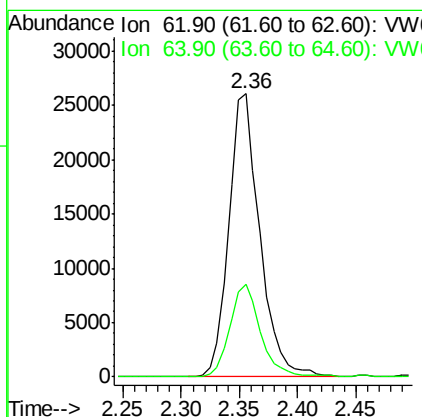
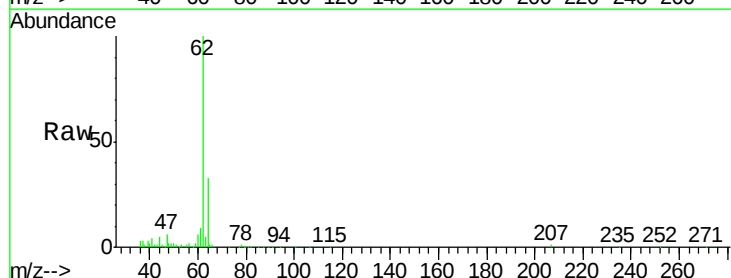
Acq: 16 May 2018 00:57

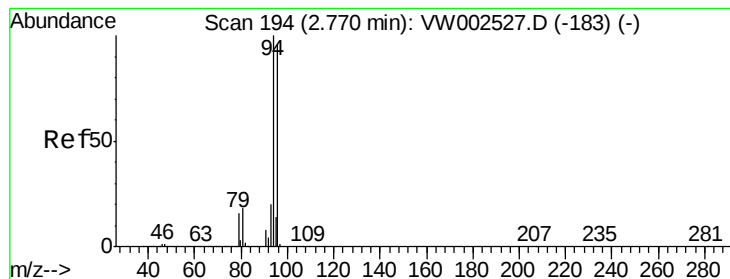
Tgt Ion: 62 Resp: 48249

Ion Ratio Lower Upper

62 100

64 32.6 24.0 36.0





#5

Bromomethane

Concen: 21.34 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

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ClientSampleId :

VW0515SBSD03

Tot Ion: 94 Resp: 41665

Ion Ratio Lower Upper

94 100

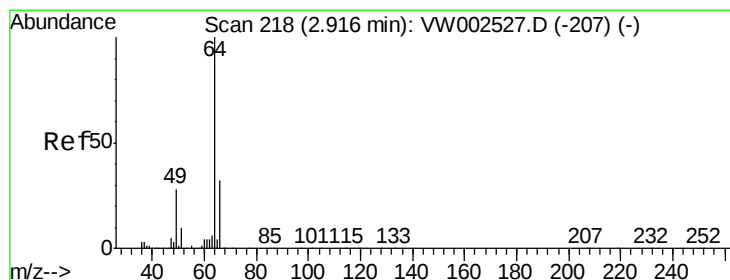
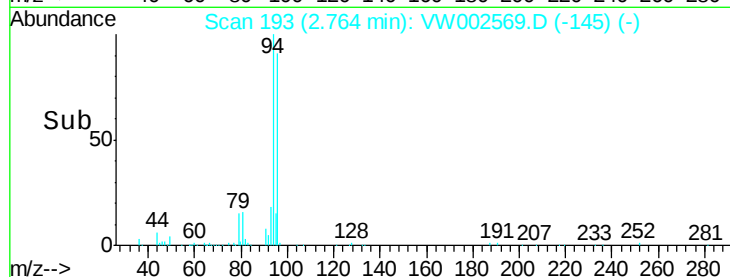
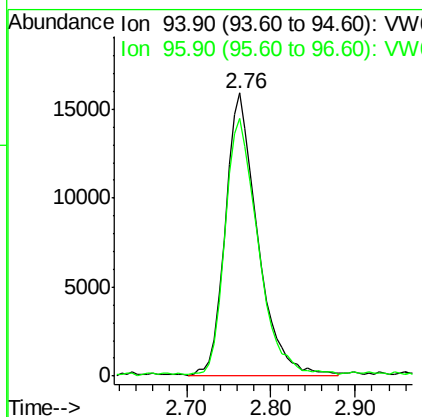
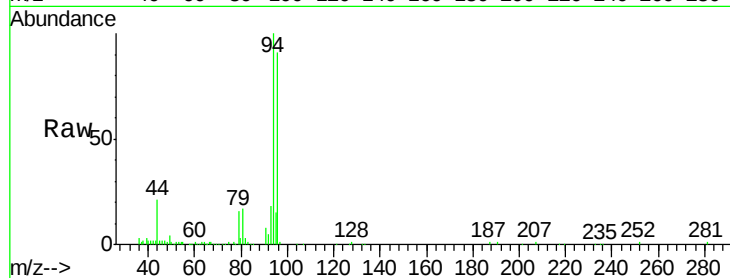
96 90.8 77.0 115.4

Manual Integrations

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#6

Chloroethane

Concen: 21.47 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW002569.D

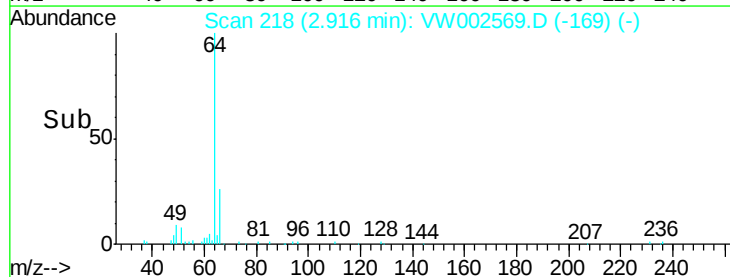
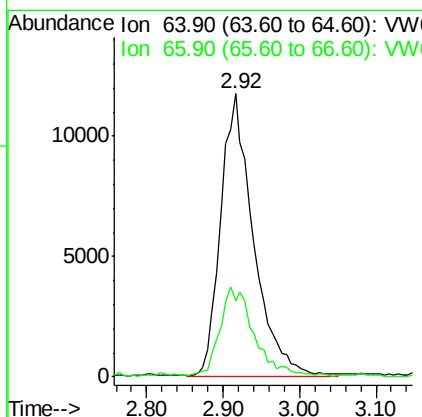
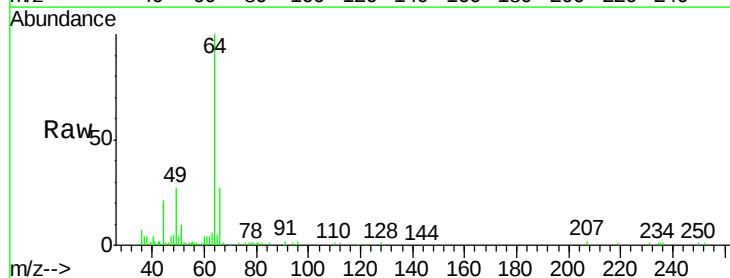
Acq: 16 May 2018 00:57

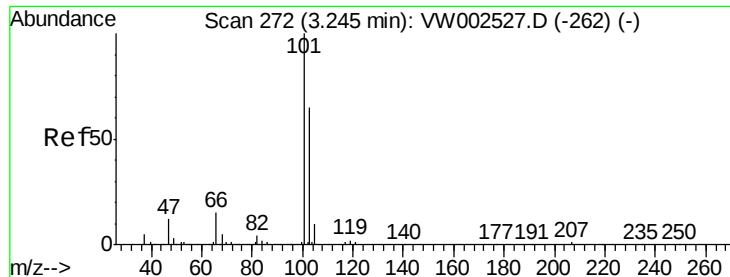
Tgt Ion: 64 Resp: 35185

Ion Ratio Lower Upper

64 100

66 26.4 25.8 38.8





#7

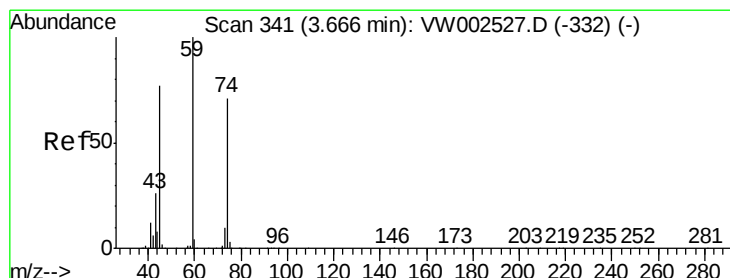
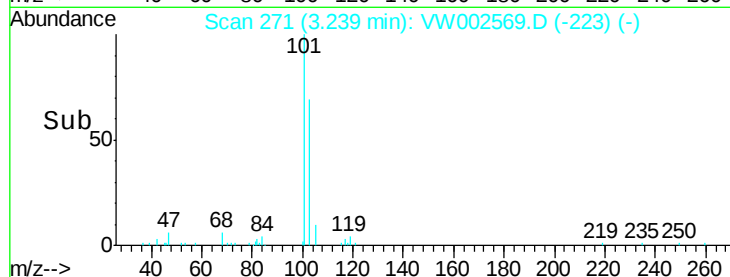
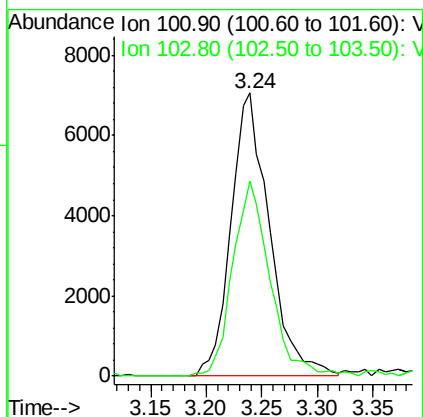
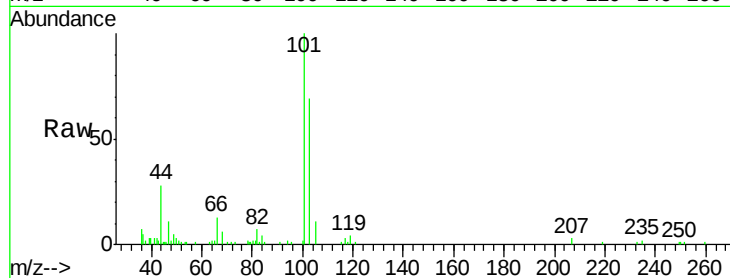
Trichlorofluoromethane
 Concen: 16.12 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW002569.D
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 VW0515SBS03

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.9	51.8	77.8

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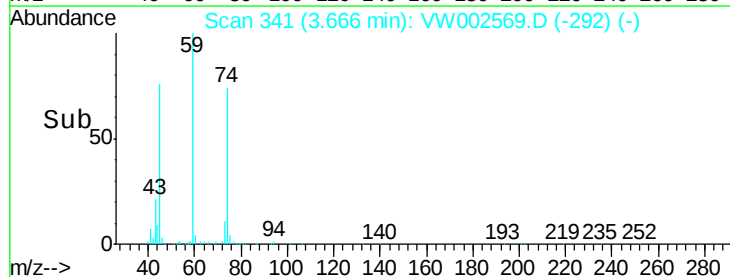
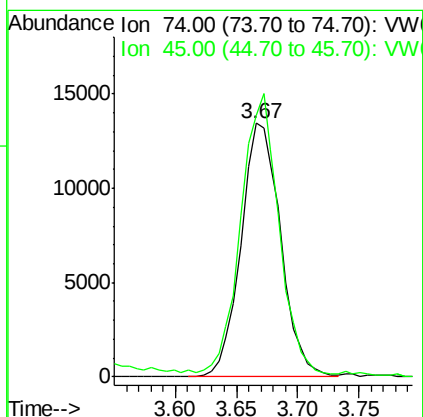
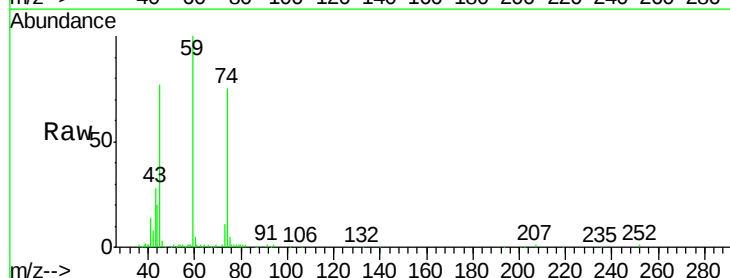
apatel
 5/16/2018 12:27:10 PM

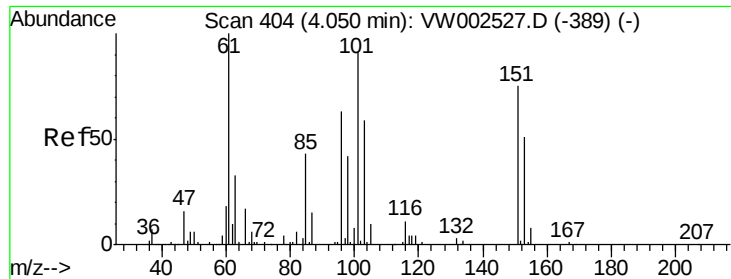


#8

Diethyl Ether
 Concen: 24.17 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	52.3	156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.13 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

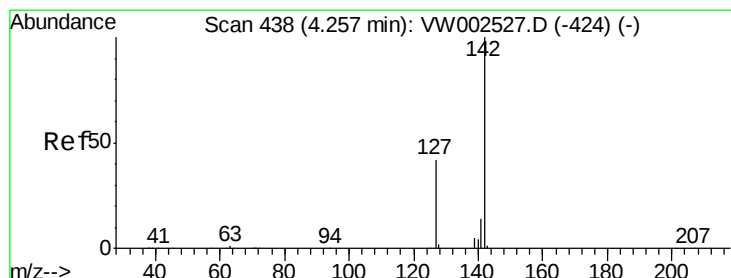
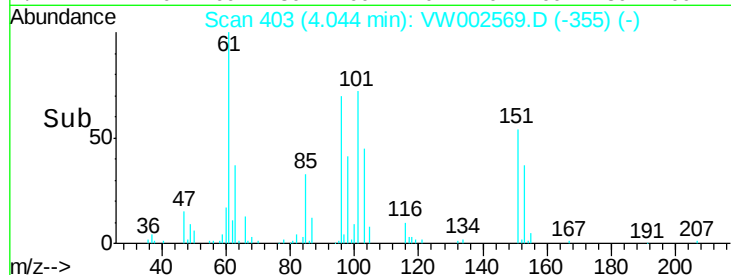
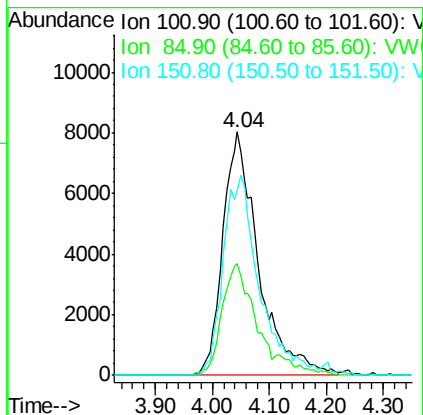
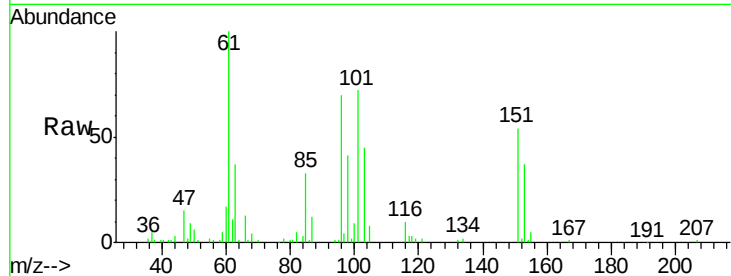
ClientSampleId :

VW0515SBS03

Tot Ion:	101	Resp:	35006
Ion Ratio	Lower	Upper	
101	100		
85	41.3	36.5	54.7
151	82.4	66.7	100.1

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#10

Methyl Iodide

Concen: 20.26 ug/l

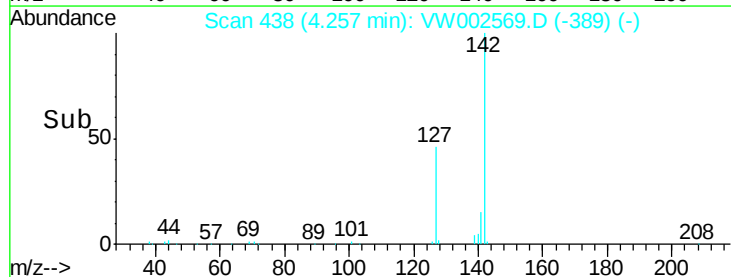
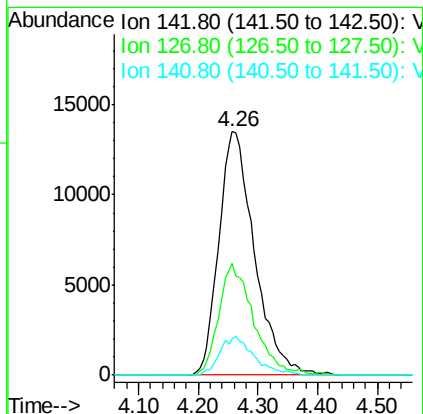
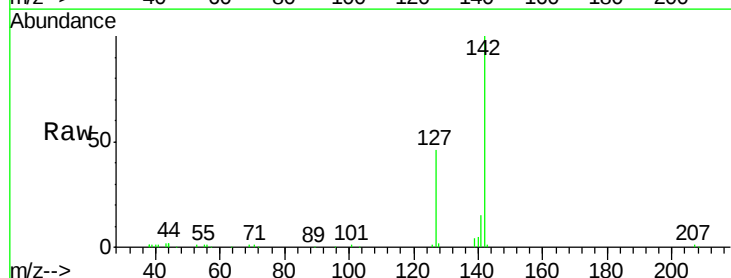
RT: 4.26 min Scan# 438

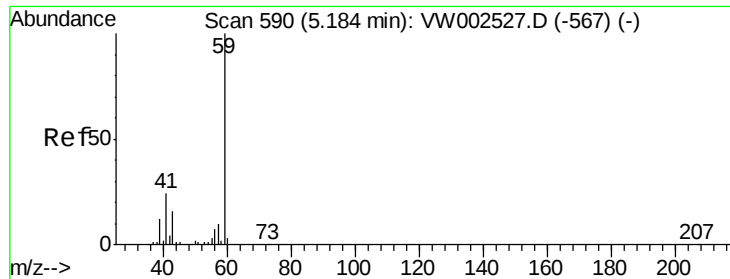
Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:	142	Resp:	56124
Ion Ratio	Lower	Upper	
142	100		
127	44.5	34.6	52.0
141	15.2	11.8	17.8





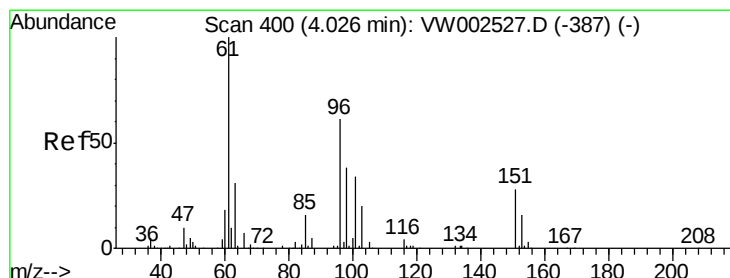
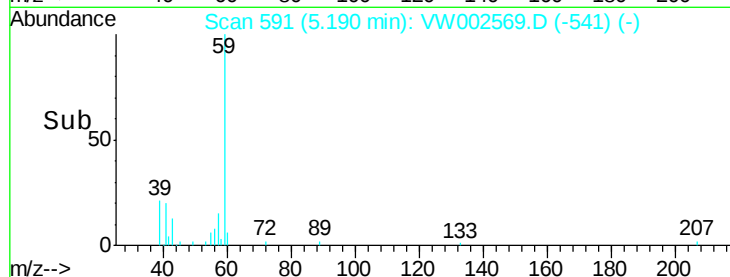
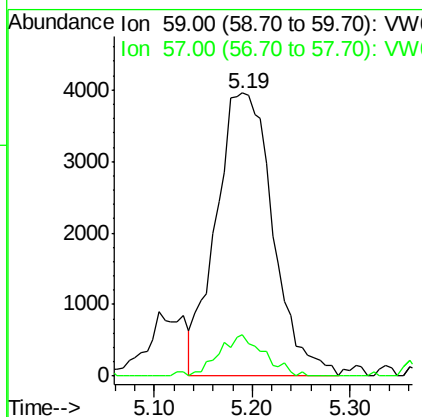
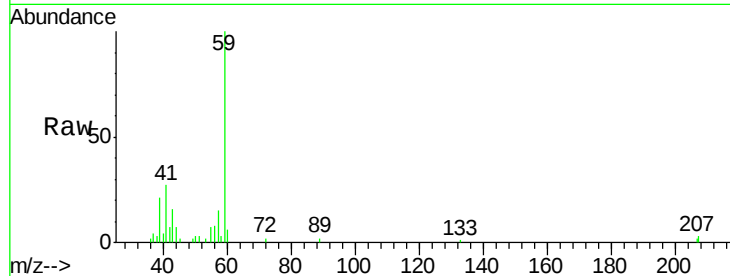
#11
Tert butyl alcohol
Concen: 97.59 ug/l
RT: 5.19 min Scan# 591
Delta R.T. 0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tot Ion: 59 Resp: 15952
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4

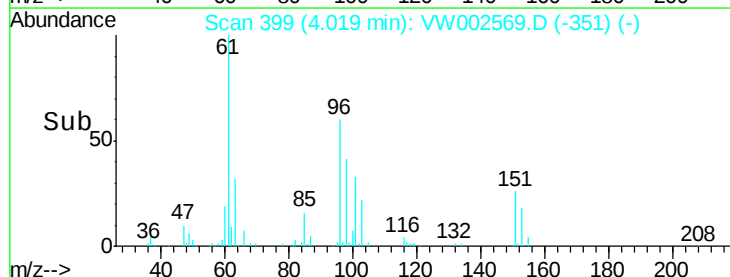
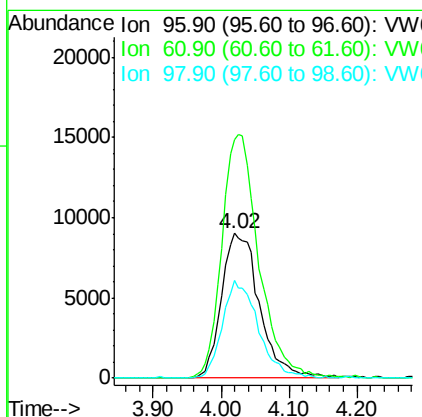
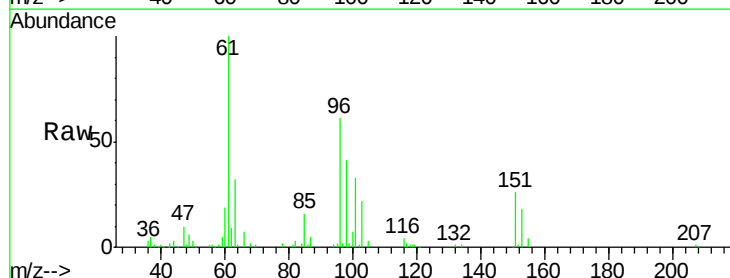
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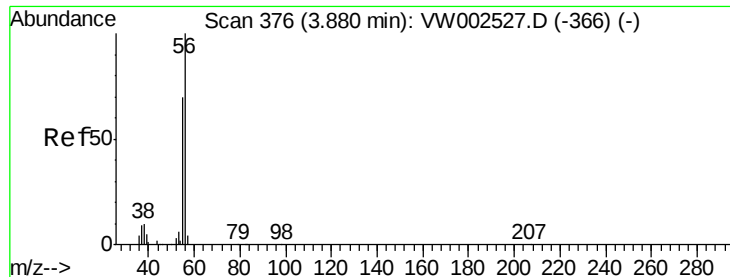
apatel
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#12
1,1-Dichloroethene
Concen: 20.34 ug/l
RT: 4.02 min Scan# 399
Delta R.T. -0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion: 96 Resp: 35014
Ion Ratio Lower Upper
96 100
61 164.7 132.2 198.2
98 67.8 50.6 76.0





#13

Acrolein

Concen: 84.99 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 56 Resp: 13685

Ion Ratio Lower Upper

56 100

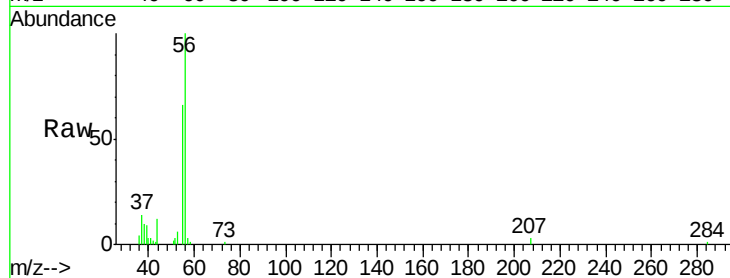
55 72.1 57.0 85.4

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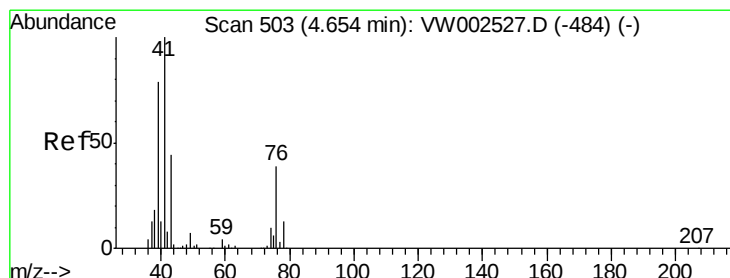
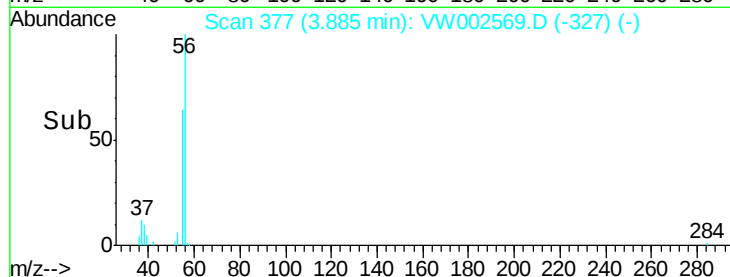
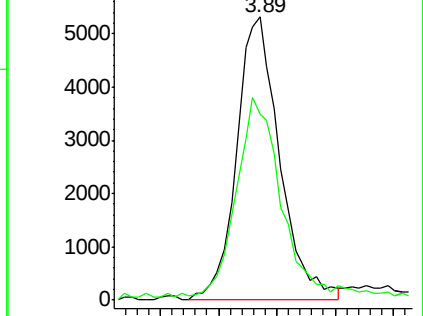
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.36 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

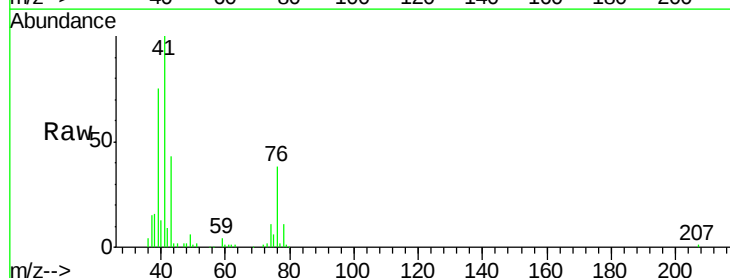
Tgt Ion: 41 Resp: 46882

Ion Ratio Lower Upper

41 100

39 79.4 61.4 92.2

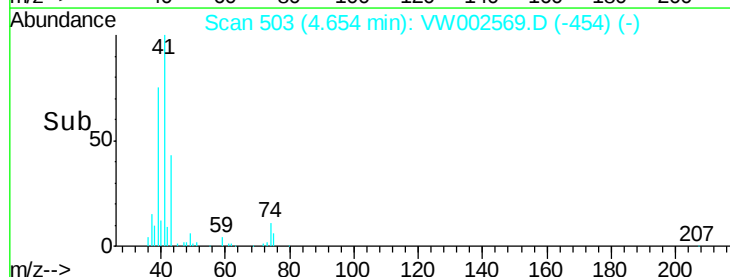
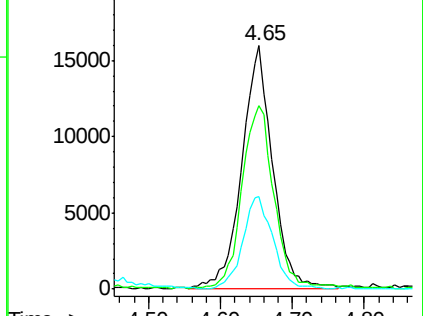
76 37.8 29.6 44.4

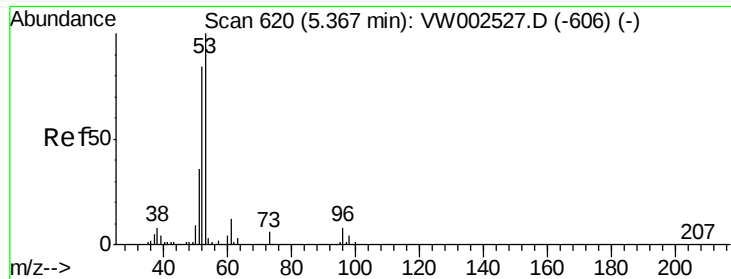


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 102.73 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

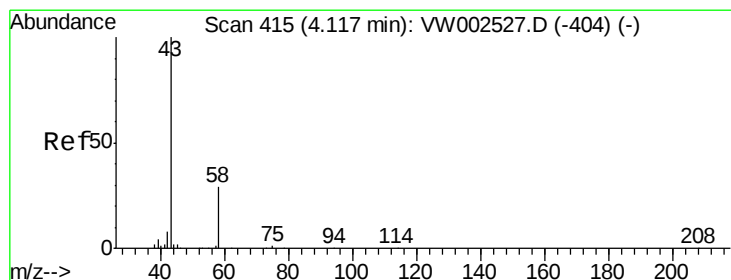
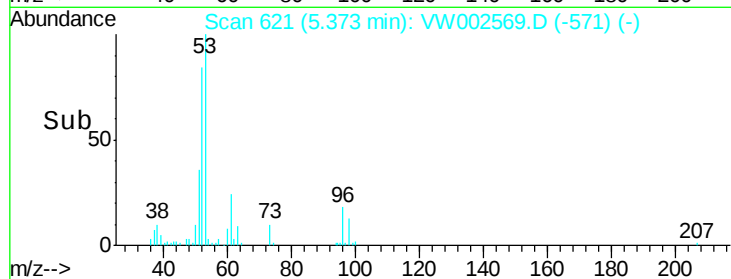
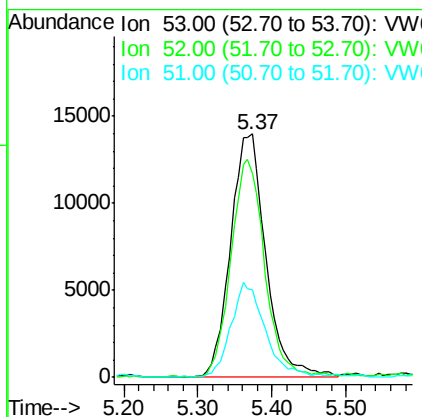
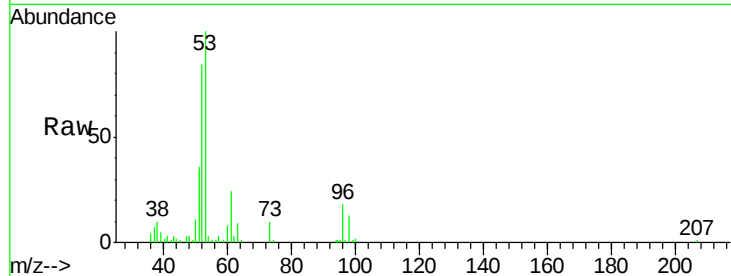
ClientSampleId :

VW0515SBS03

Tot Ion:	53	Resp:	46526
Ion Ratio	Lower	Upper	
53	100		
52	84.9	66.6	100.0
51	38.1	30.6	46.0

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#16

Acetone

Concen: 99.66 ug/l

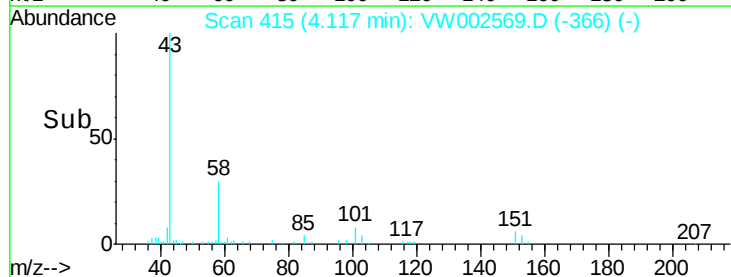
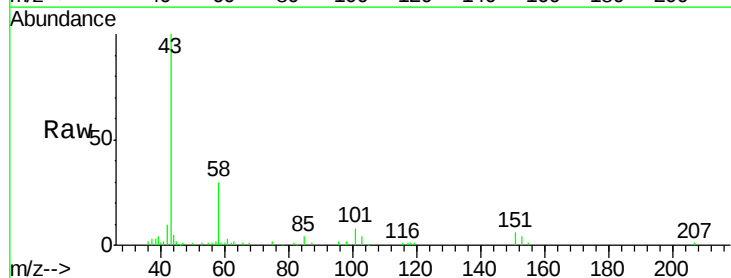
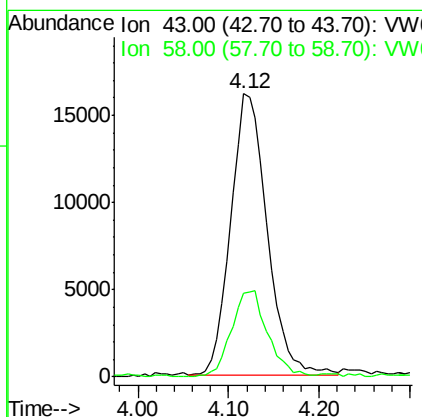
RT: 4.12 min Scan# 415

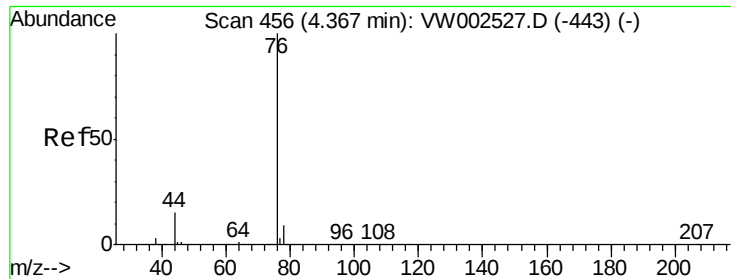
Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:	43	Resp:	44740
Ion Ratio	Lower	Upper	
43	100		
58	29.8	23.4	35.0





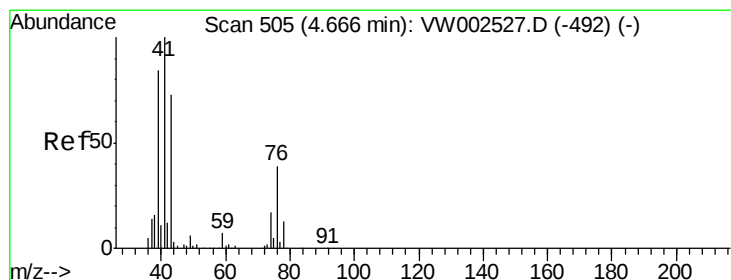
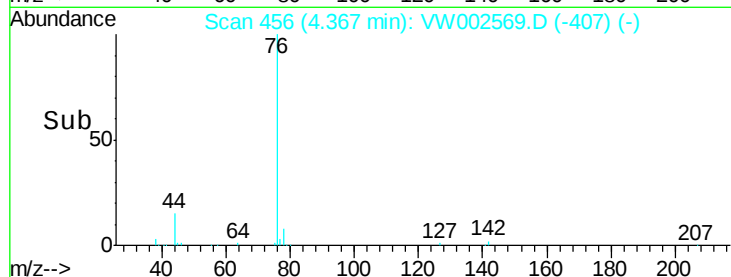
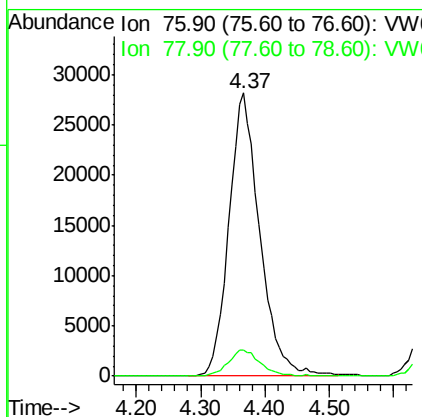
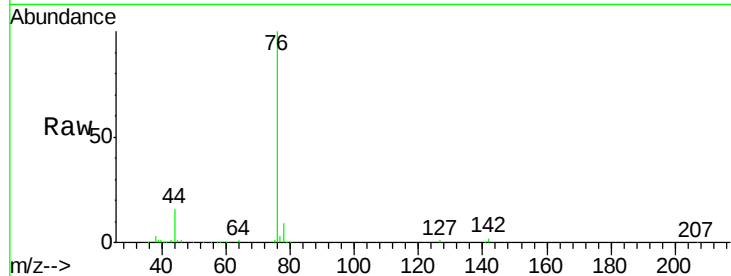
#17
Carbon Disulfide
Concen: 19.90 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

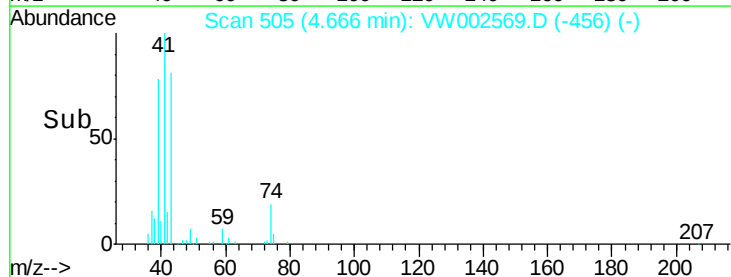
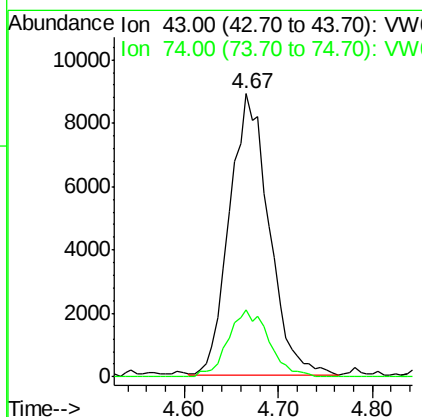
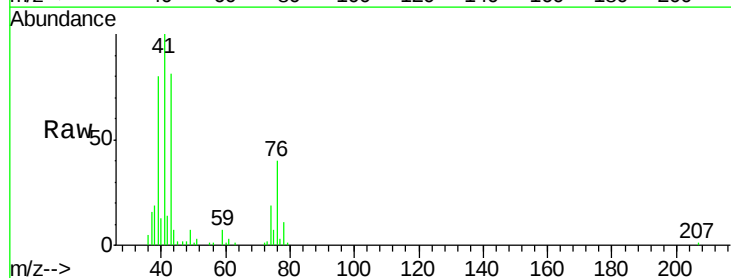
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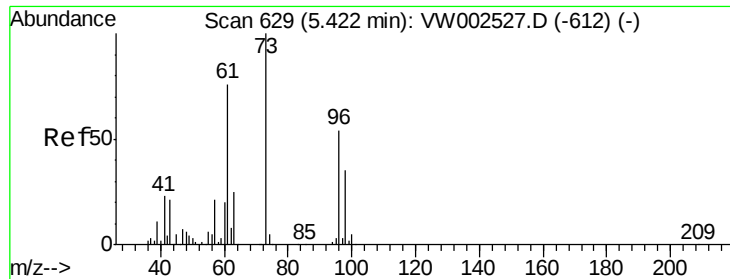
apatel
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#18
Methyl Acetate
Concen: 19.77 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.2	28.8





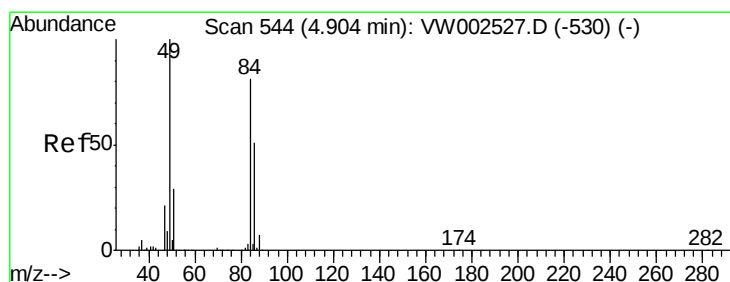
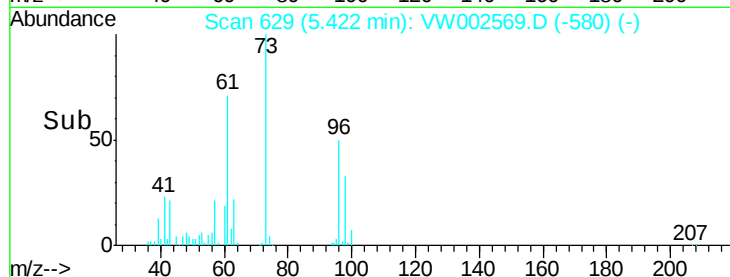
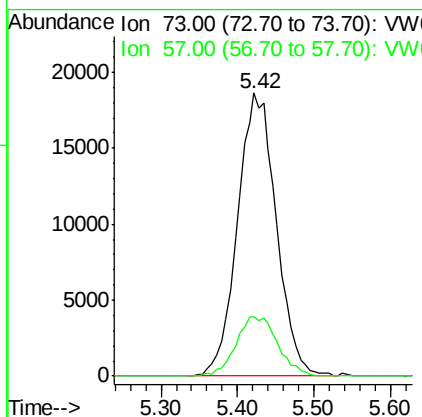
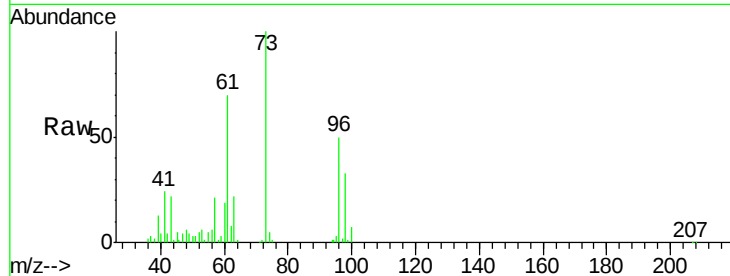
#19
Methvl tert-butvl Ether
Concen: 20.75 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tot Ion: 73 Resp: 65626
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.6

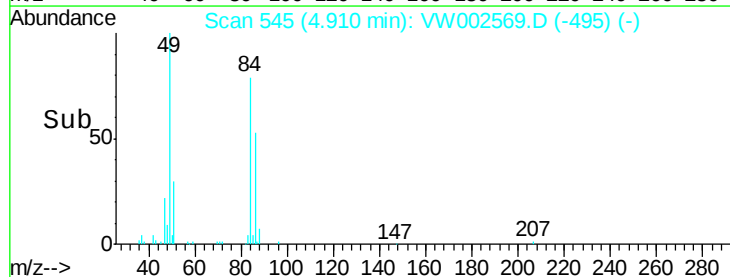
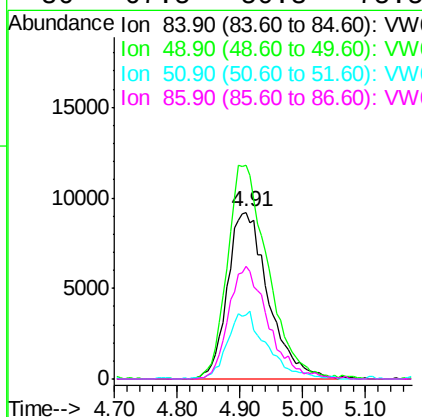
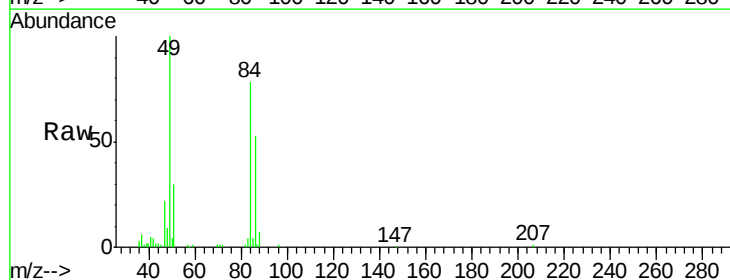
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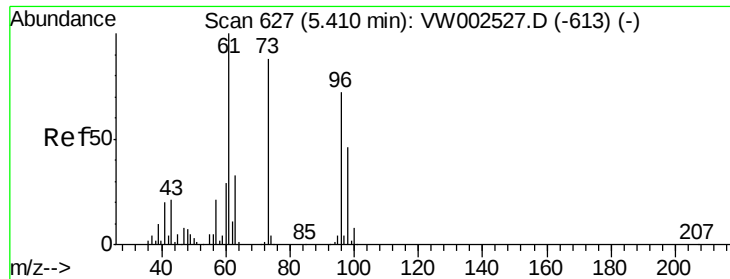
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#20
Methylene Chloride
Concen: 21.74 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion: 84 Resp: 41604
Ion Ratio Lower Upper
84 100
49 128.0 99.4 149.0
51 38.6 29.0 43.6
86 67.5 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.94 ug/l

RT: 5.40 min Scan# 626

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

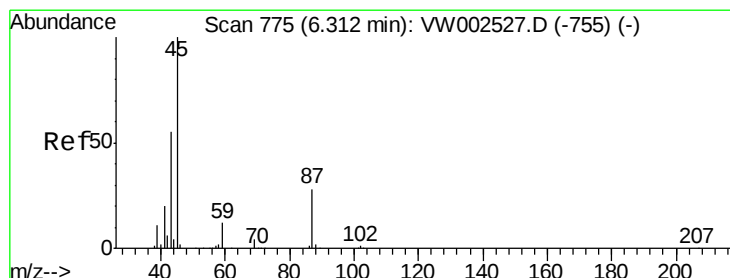
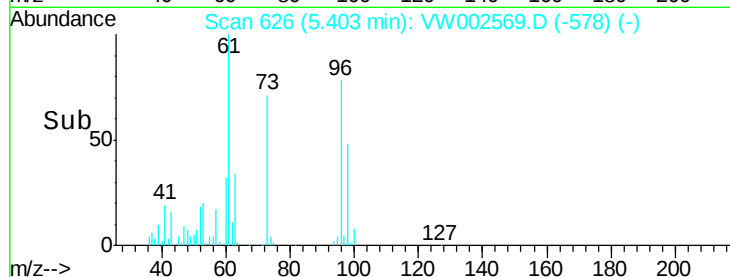
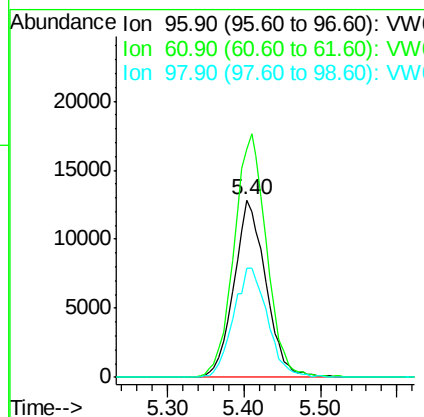
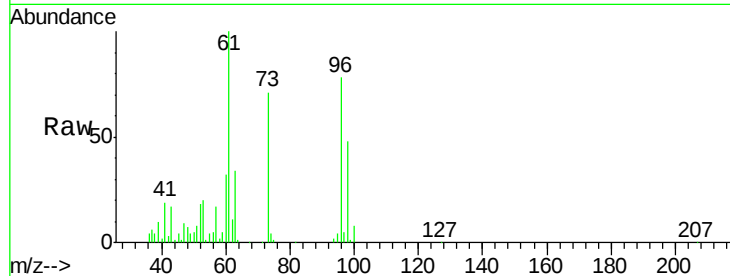
ClientSampleId :

VW0515SBS03

Tot Ion:	96	Resp:	37096
Ion	Ratio	Lower	Upper
96	100		
61	128.8	111.6	167.4
98	61.2	51.7	77.5

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#22

Diisopropyl ether

Concen: 20.21 ug/l

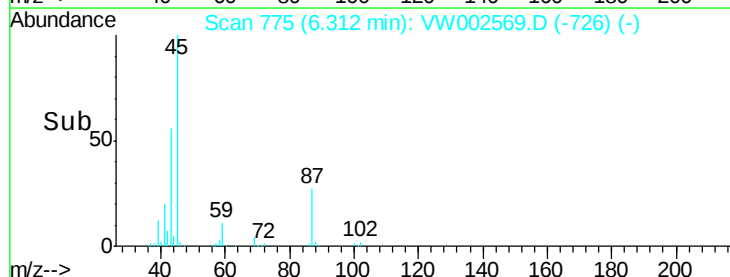
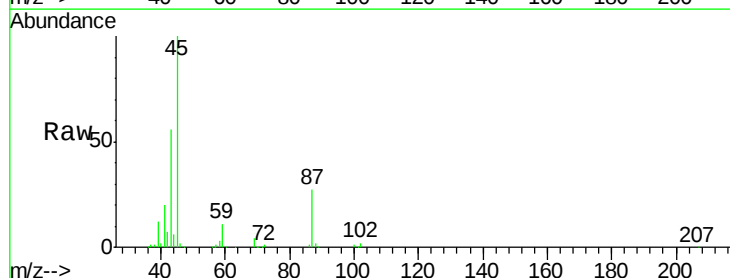
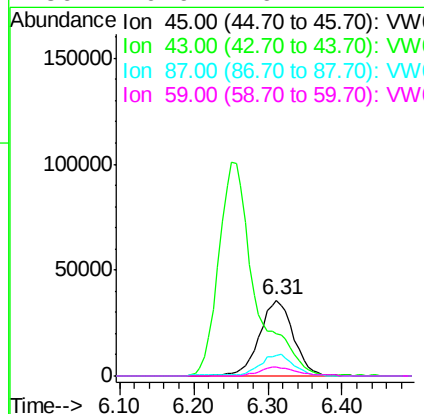
RT: 6.31 min Scan# 775

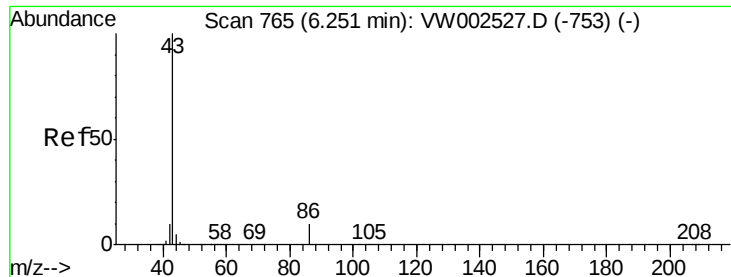
Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:	45	Resp:	114330
Ion	Ratio	Lower	Upper
45	100		
43	54.3	44.4	66.6
87	26.4	23.0	34.4
59	10.9	9.4	14.2





#23

Vinyl Acetate

Concen: 99.16 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 43 Resp: 340004

Ion Ratio Lower Upper

43 100

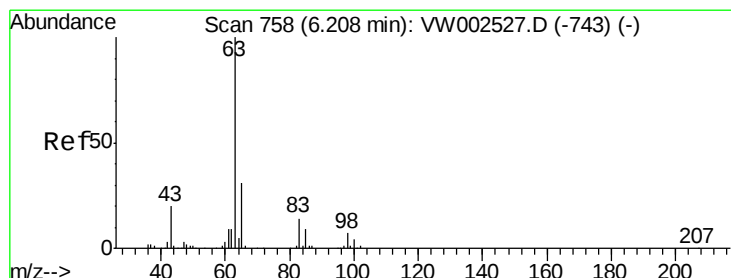
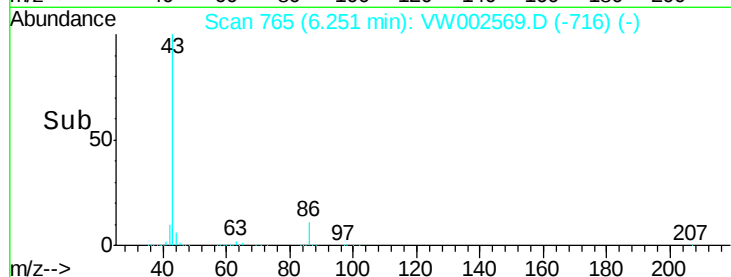
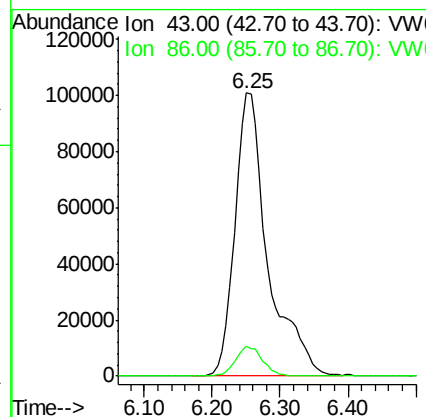
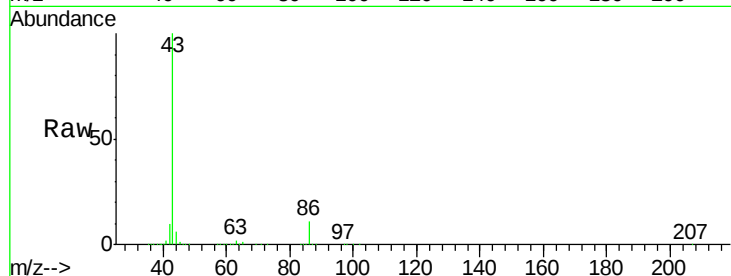
86 10.5 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 20.59 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

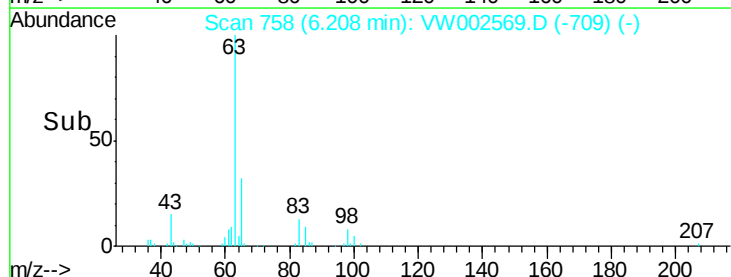
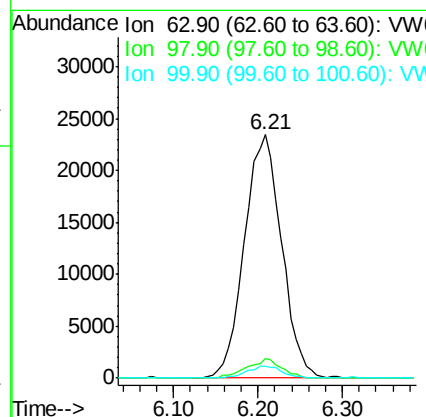
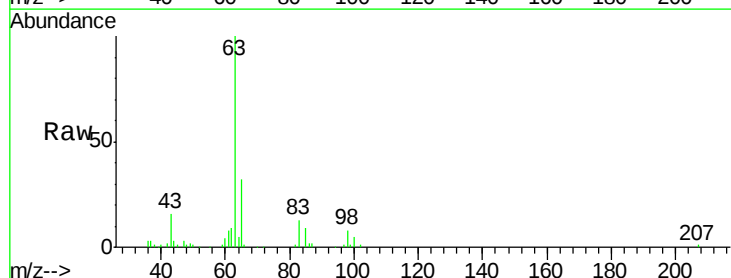
Tgt Ion: 63 Resp: 70216

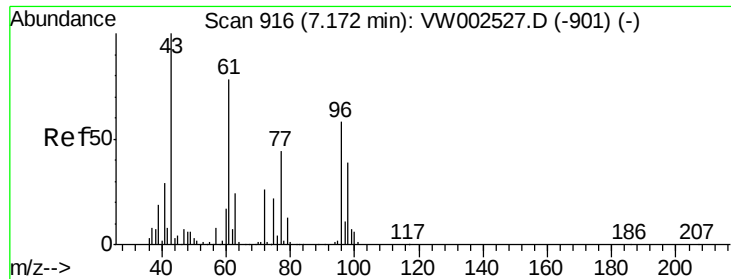
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

100 5.0 2.1 6.5





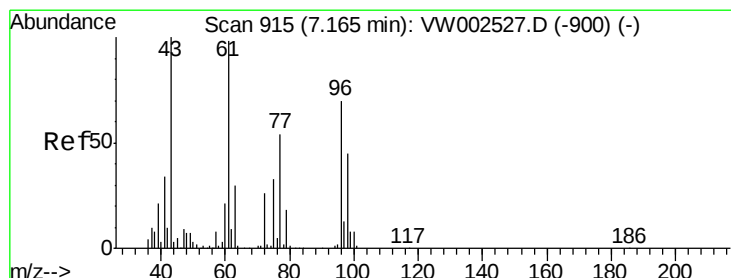
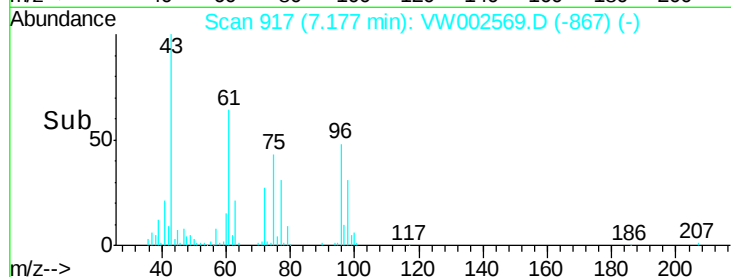
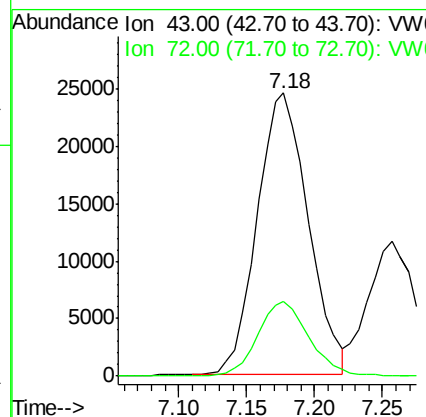
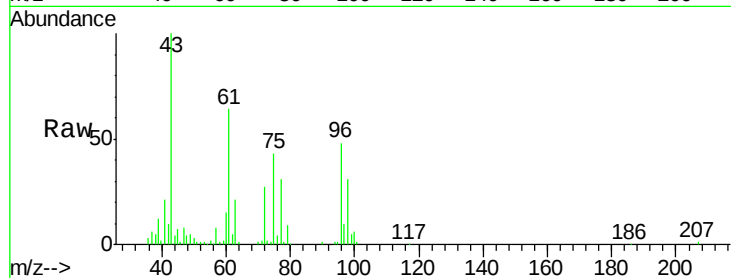
#25
2-Butanone
Concen: 101.09 ug/l
RT: 7.18 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tot Ion: 43 Resp: 64172
Ion Ratio Lower Upper
43 100
72 26.7 20.9 31.3

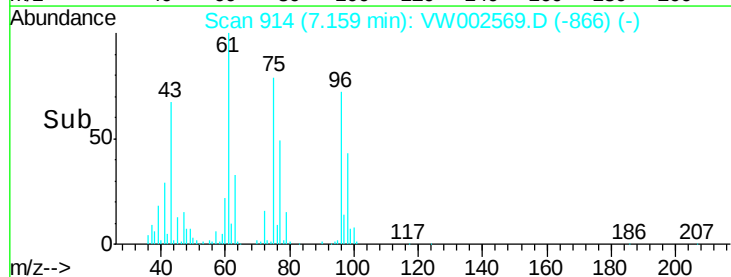
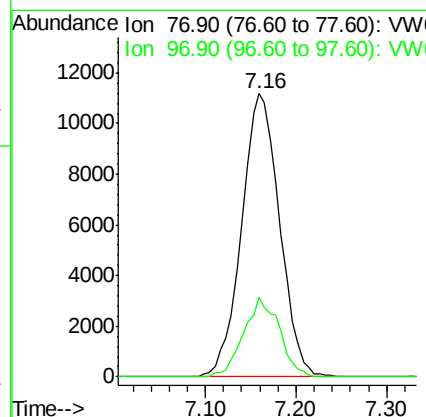
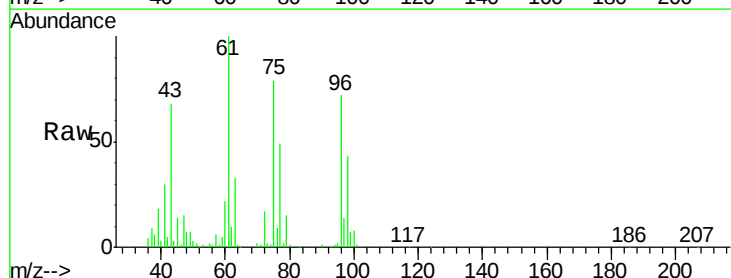
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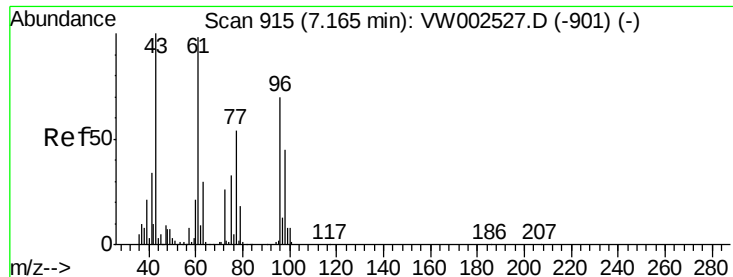
apatel
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#26
2,2-Dichloropropane
Concen: 16.94 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion: 77 Resp: 32365
Ion Ratio Lower Upper
77 100
97 26.4 12.1 36.3





#27

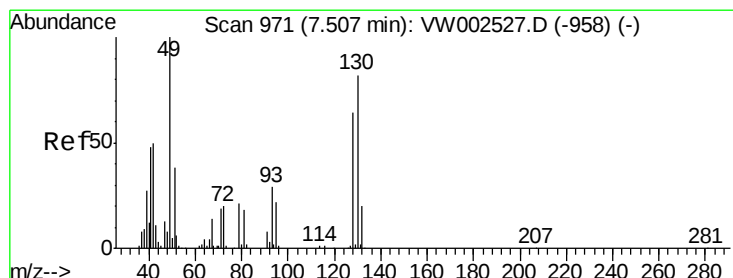
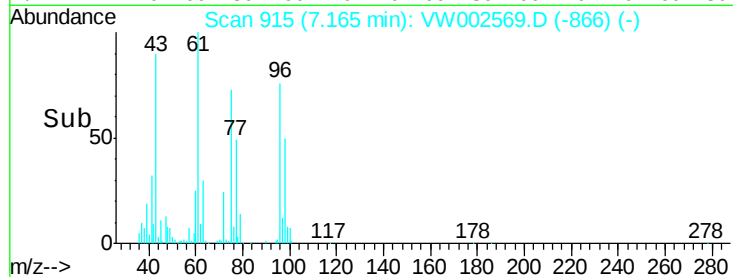
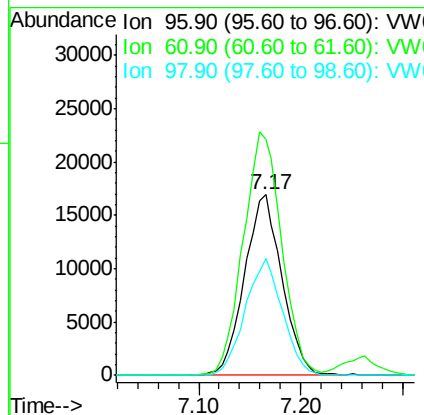
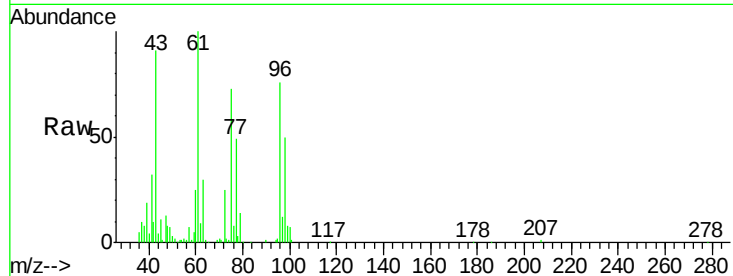
cis-1,2-Dichloroethene
 Concen: 20.37 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		43229		
61	138.2	0.0	281.6		
98	64.4	0.0	130.8		

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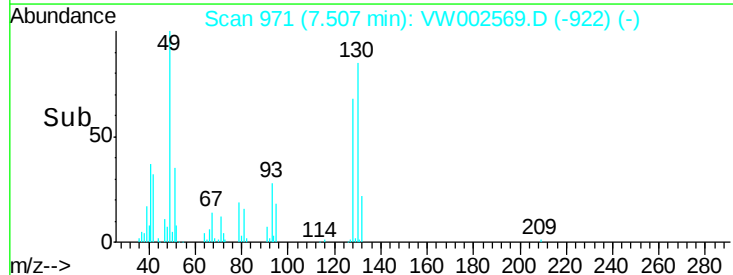
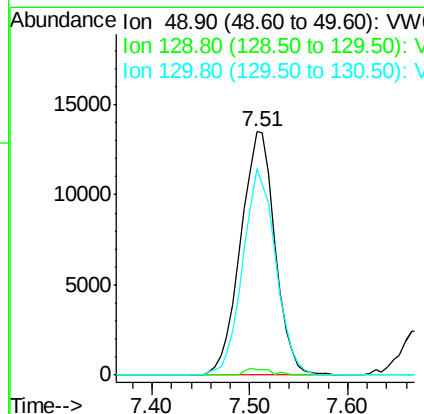
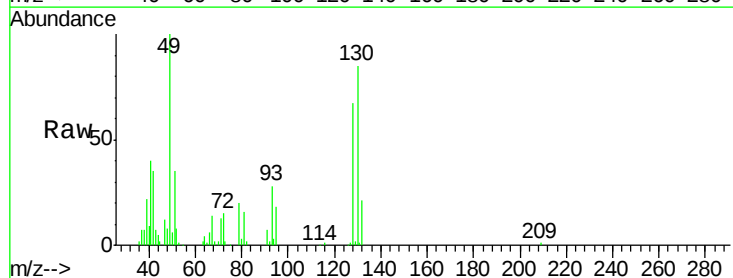
apatel
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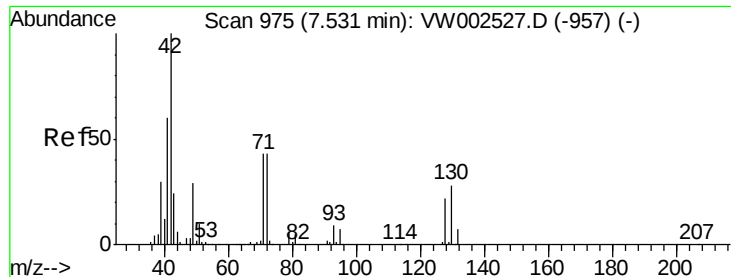


#28

Bromochloromethane
 Concen: 21.70 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		33024		
129	2.0	0.0	4.4		
130	81.4	64.7	97.1		





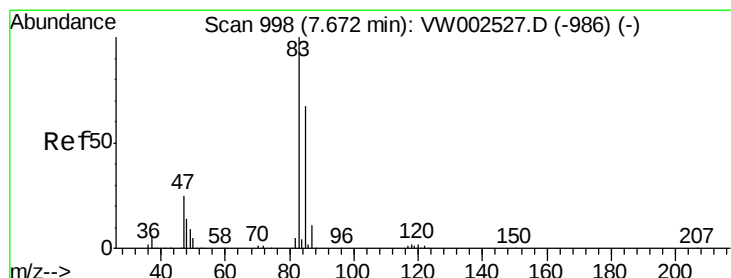
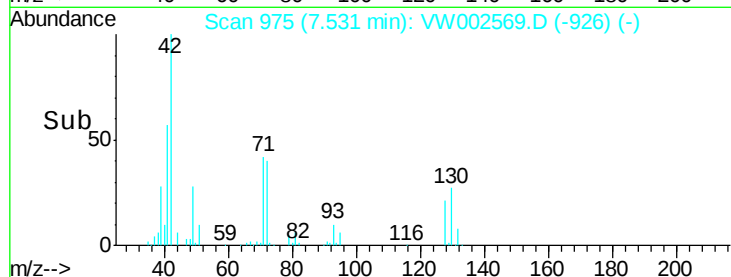
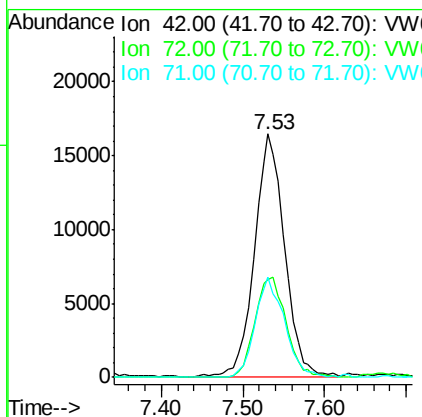
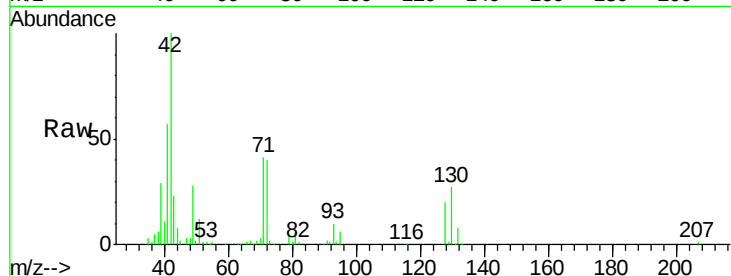
#29
Tetrahydrofuran
Concen: 107.69 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tot Ion:	42	Resp:	42705
Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.0	52.4
71	39.8	33.0	49.6

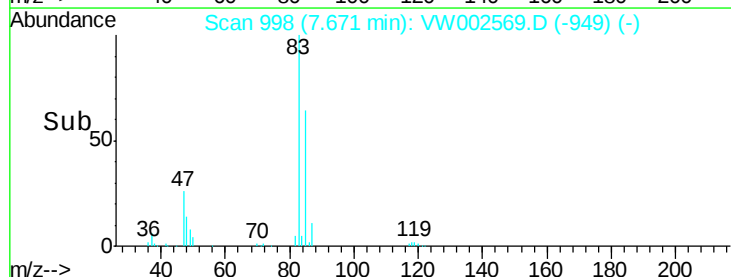
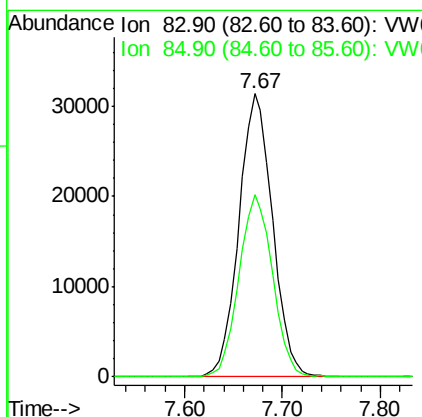
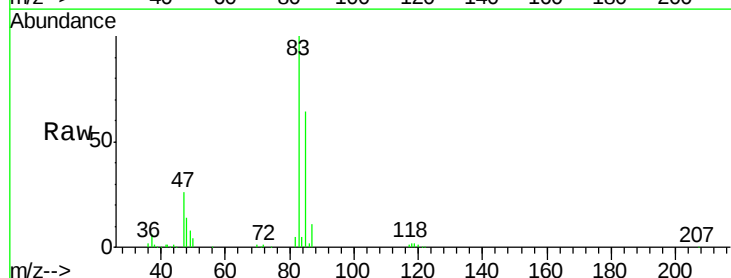
Manual Integrations
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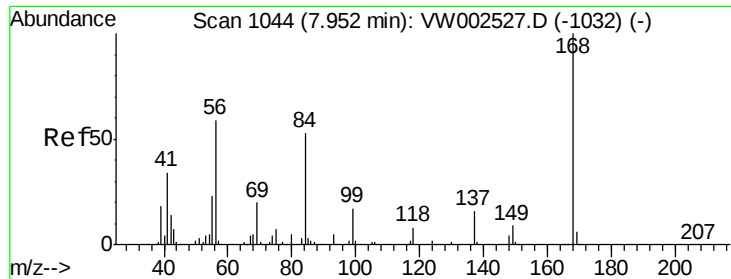
apatel
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#30
Chloroform
Concen: 20.53 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion:	83	Resp:	74749
Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.9	80.9





#31

Cyclohexane

Concen: 19.33 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

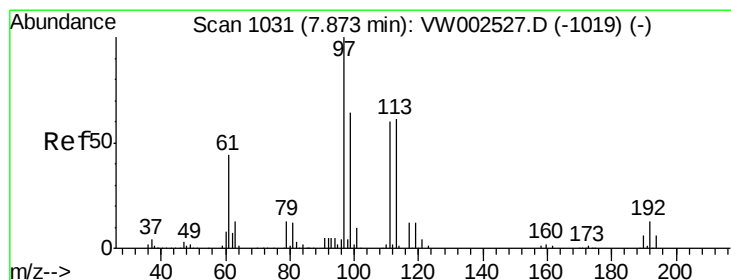
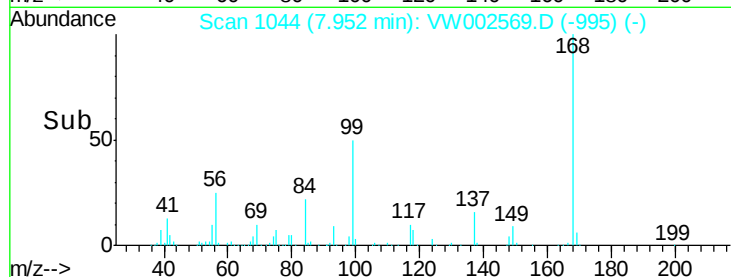
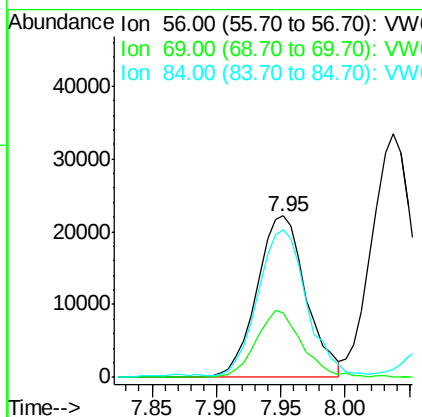
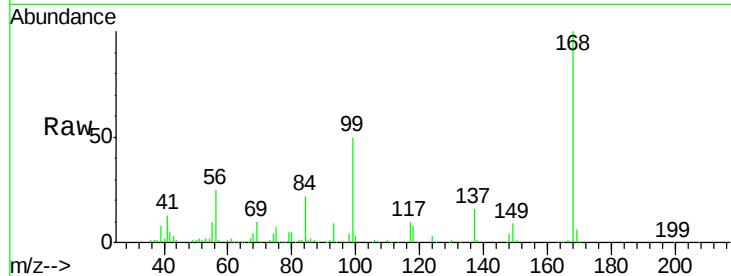
ClientSampleId :

VW0515SBS03

Tot Ion:	56	Resp:	58402
Ion	Ratio	Lower	Upper
56	100		
69	39.5	27.0	40.4
84	90.0	72.2	108.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.50 ug/l

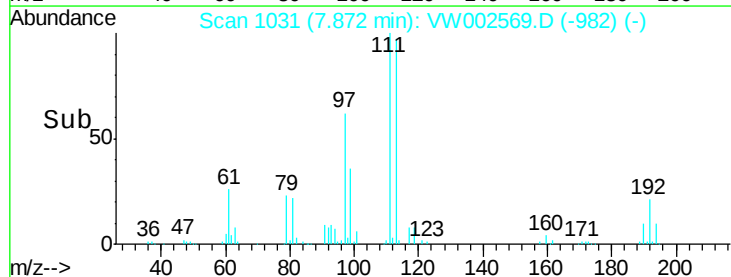
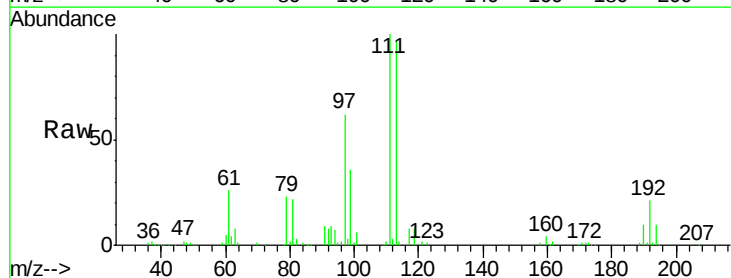
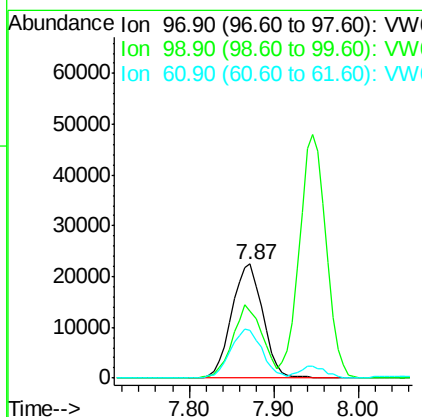
RT: 7.87 min Scan# 1031

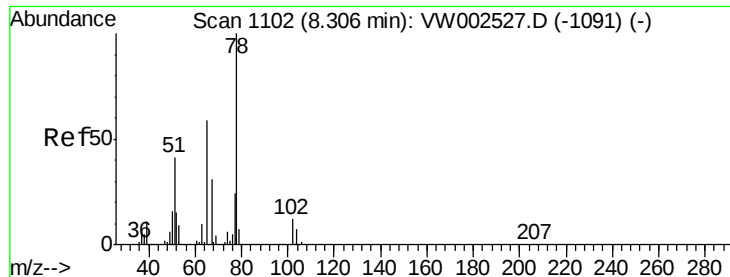
Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:	97	Resp:	56299
Ion	Ratio	Lower	Upper
97	100		
99	60.8	51.1	76.7
61	43.6	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 55.02 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 65 Resp: 117000

Ion Ratio Lower Upper

65 100

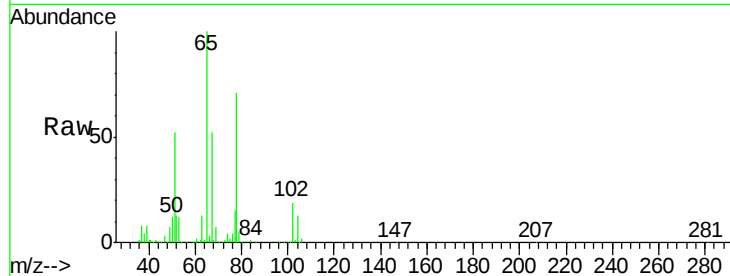
67 51.9 0.0 104.4

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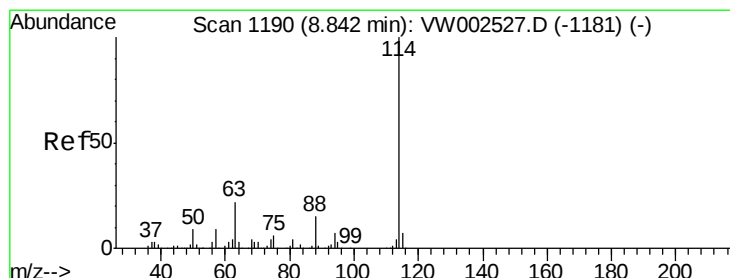
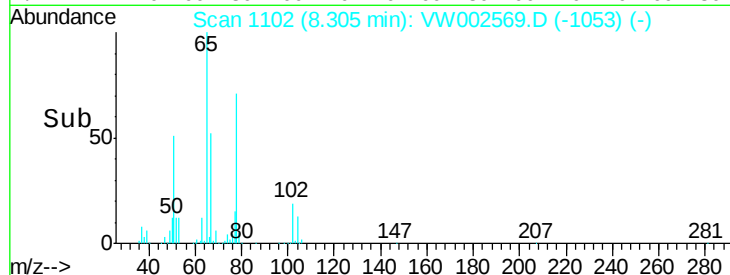
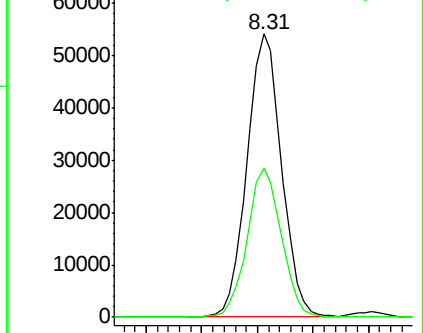
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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

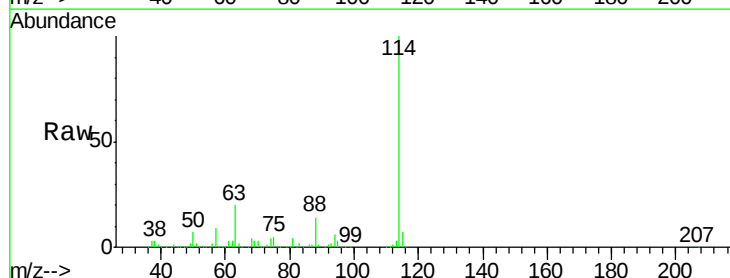
Tgt Ion:114 Resp: 312368

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

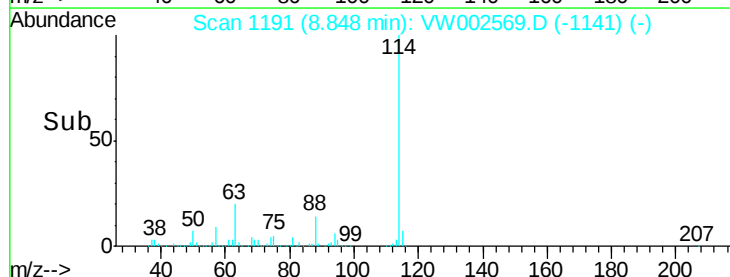
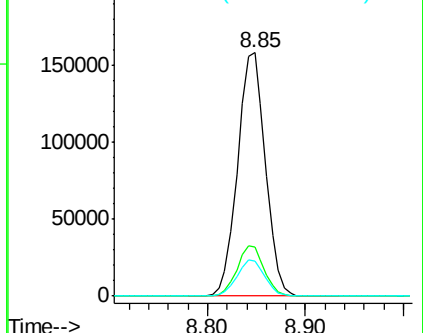
88 14.5 0.0 29.2

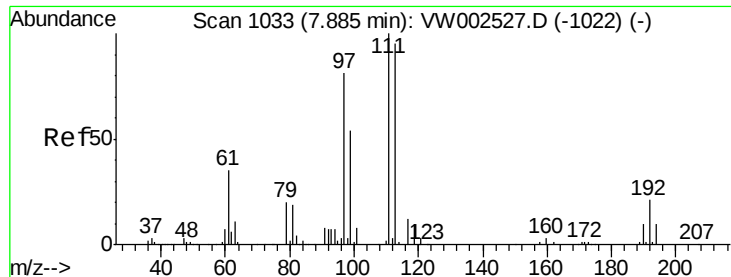


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





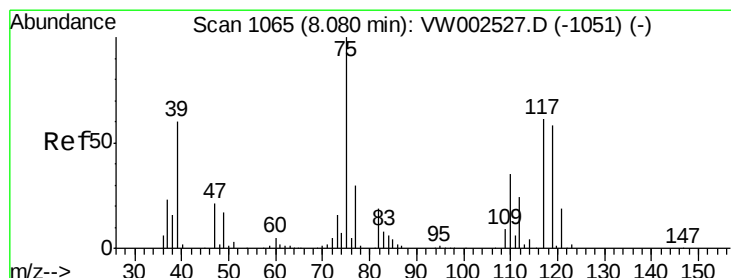
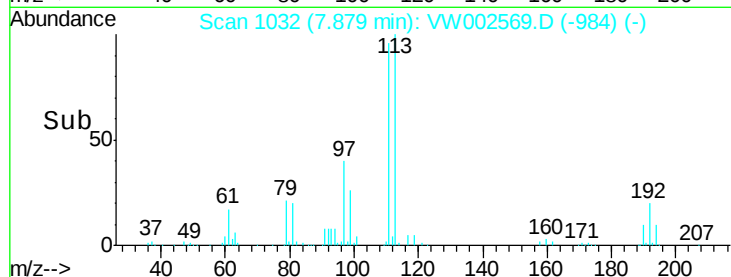
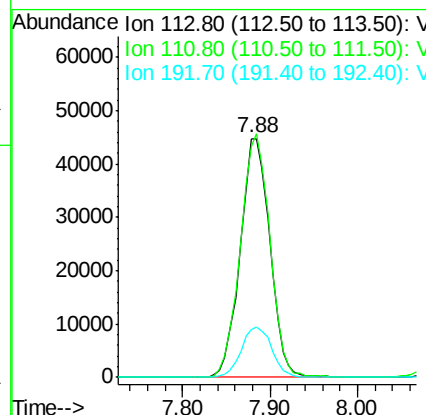
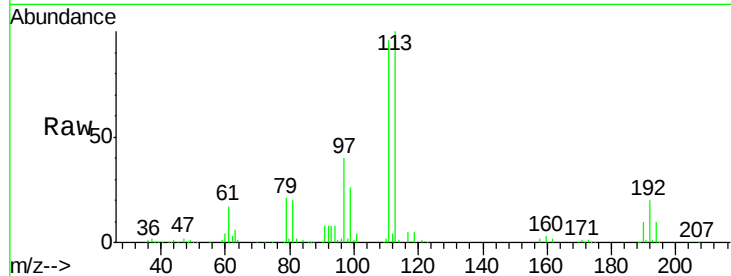
#35
 Dibromofluoromethane
 Concen: 53.36 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105746		
111	101.4	81.8	122.8	
192	21.5	17.5	26.3	

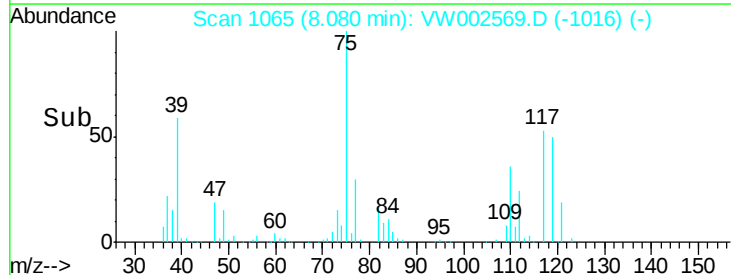
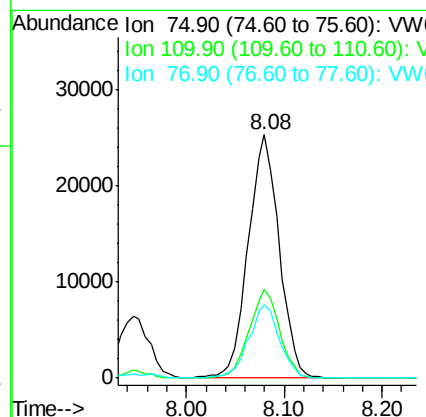
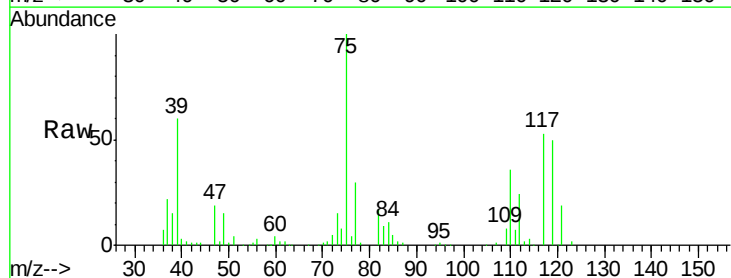
Manual Integrations
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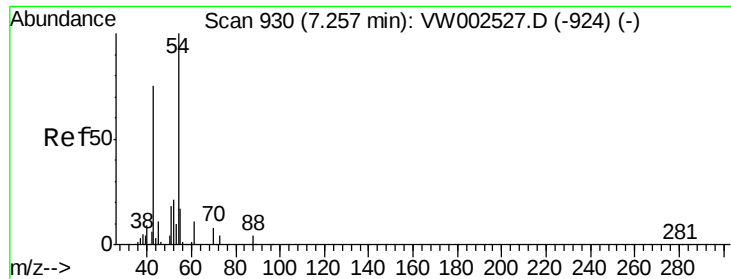
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.12 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55456		
110	35.8	17.8	53.5	
77	30.1	24.5	36.7	





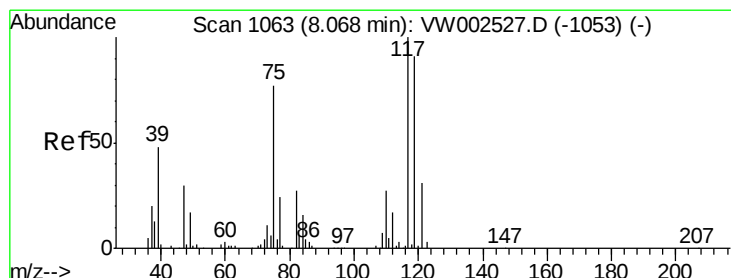
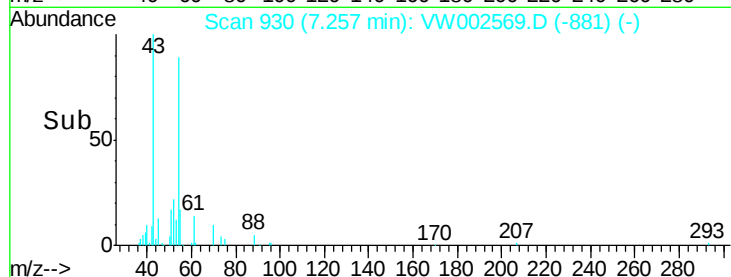
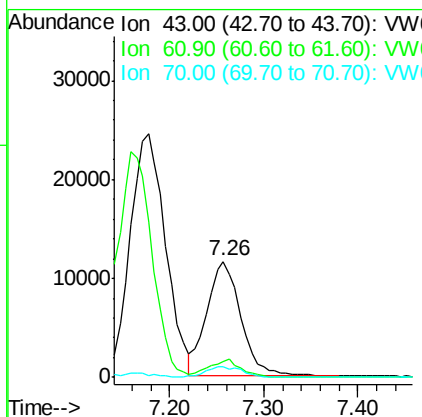
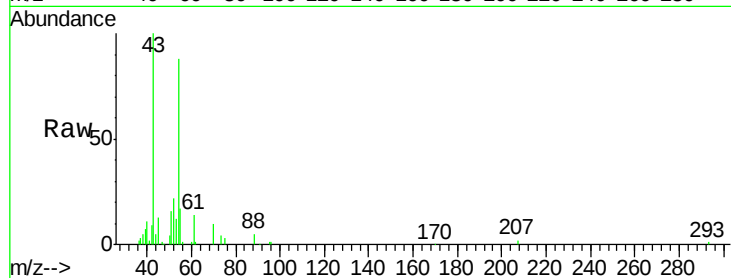
#37
Ethyl Acetate
Concen: 21.35 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.1	16.7
70	10.1	7.8	11.8

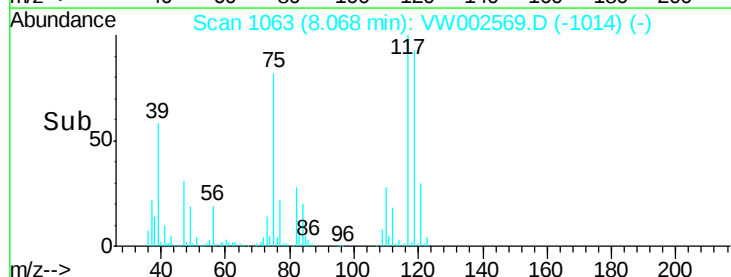
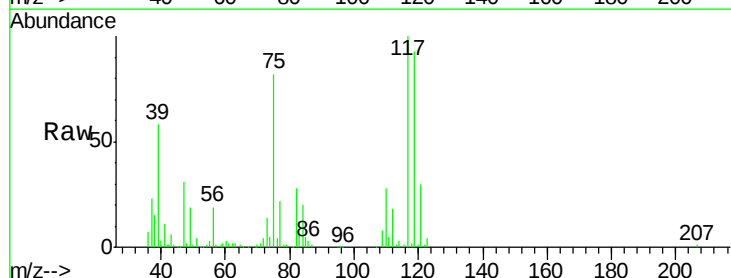
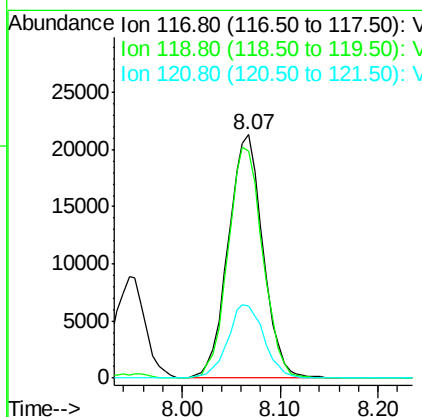
Manual Integrations
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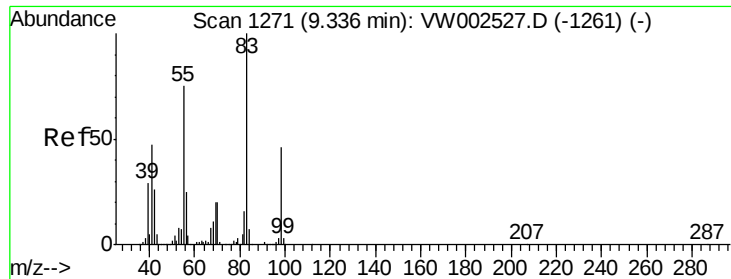
apatel
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#38
Carbon Tetrachloride
Concen: 19.40 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	73.1	109.7
121	29.6	24.4	36.6





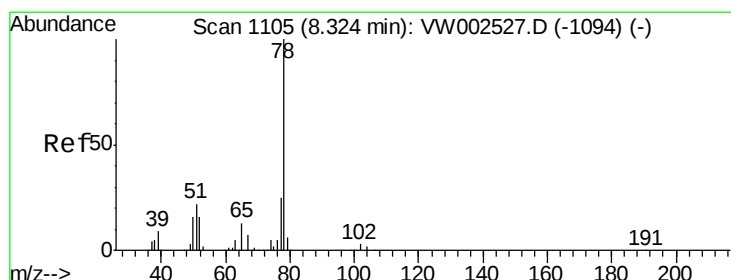
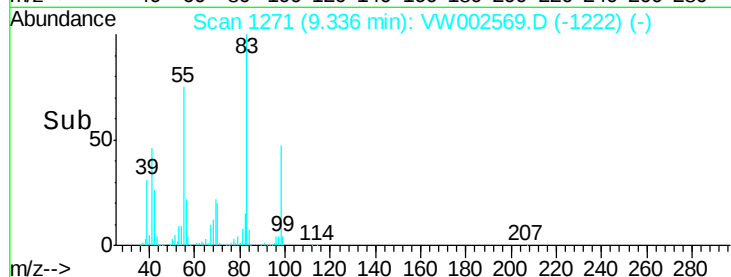
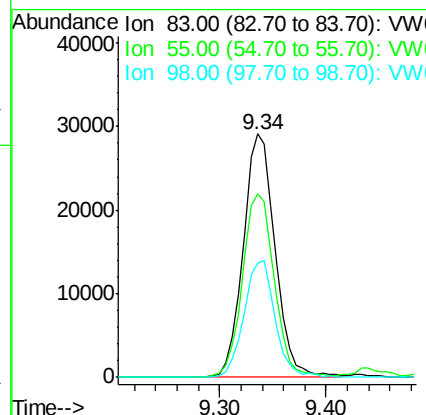
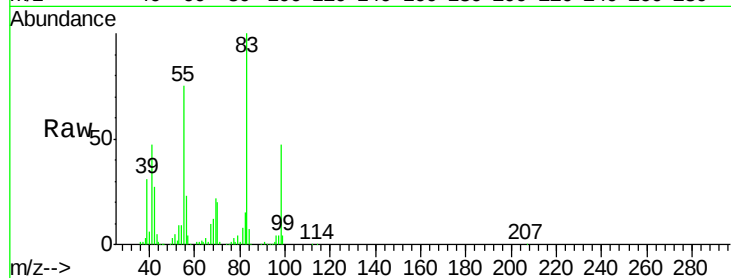
#39
Methvlcvclohexane
Concen: 19.38 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD03

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.0	90.0
98	47.0	37.0	55.4

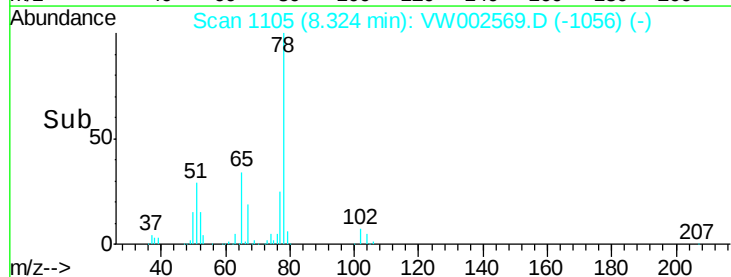
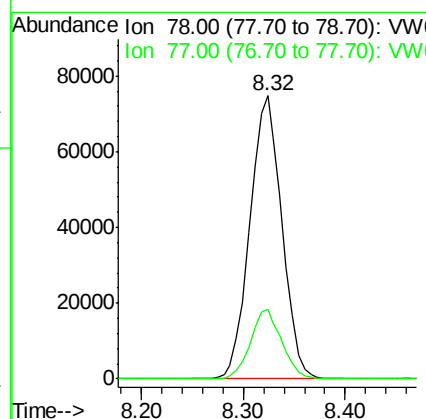
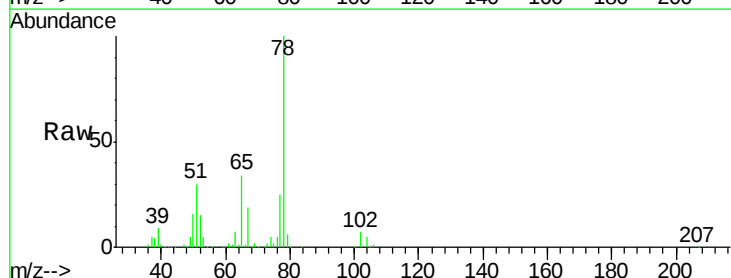
Manual Integrations
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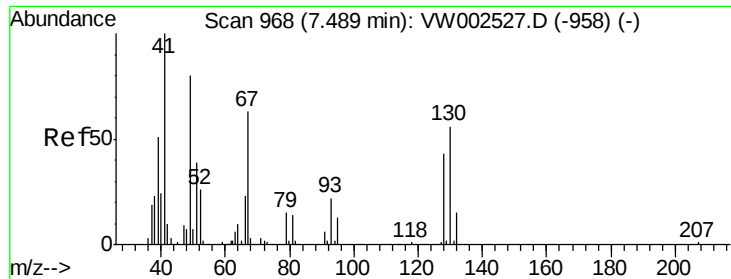
apatel
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#40
Benzene
Concen: 20.56 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.9	29.9





#41

Methacrylonitrile

Concen: 22.23 ug/l

RT: 7.48 min Scan# 967

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

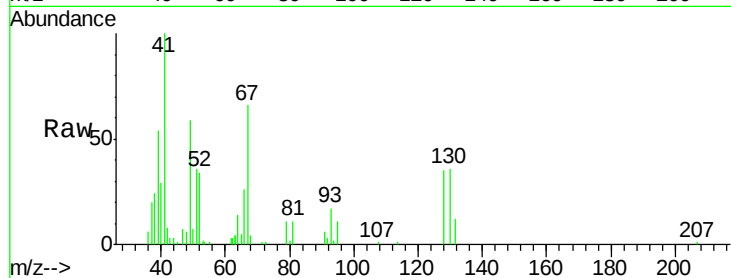
ClientSampleId :

VW0515SBS03

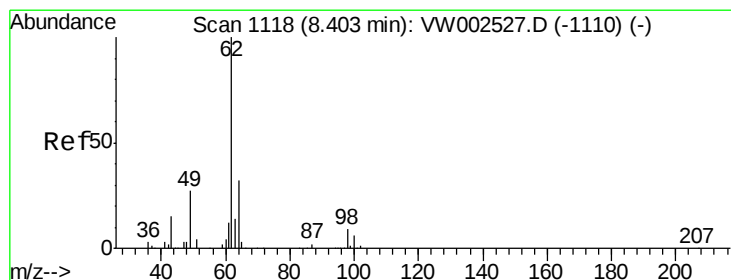
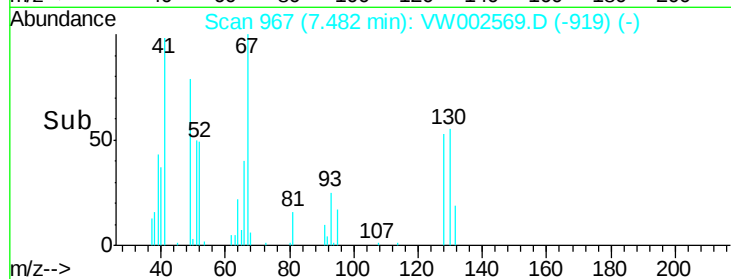
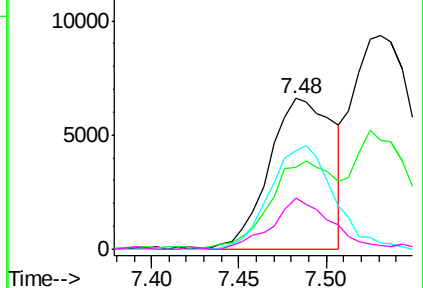
Tot Ion	41	Resp	17011
Ion	Ratio	Lower	Upper
41	100		
39	56.2	51.8	77.8
67	68.0	59.9	89.9
52	31.8	26.6	39.8

Manual Integrations
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5/16/2018 12:27:10 PM



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.78 ug/l

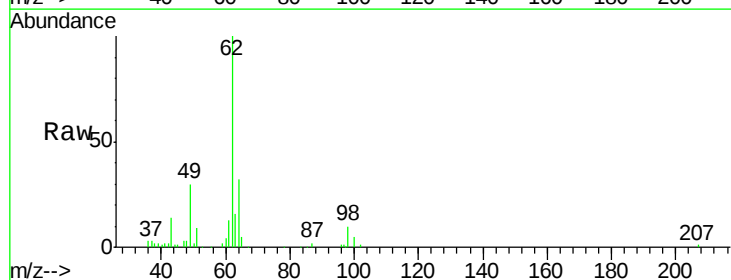
RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

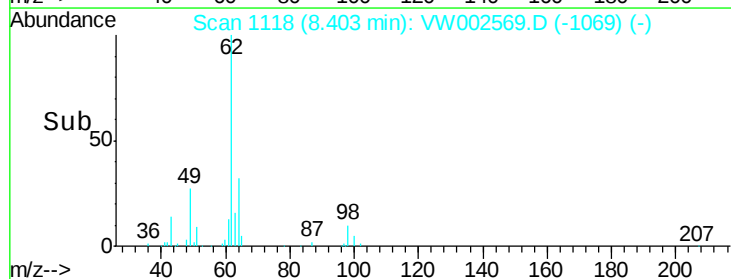
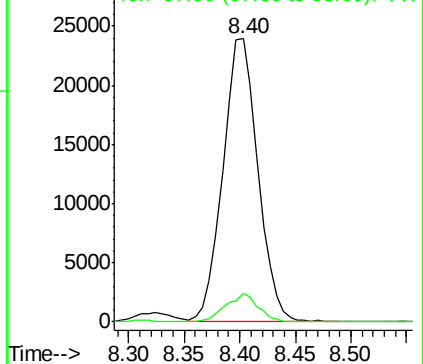
Lab File: VW002569.D

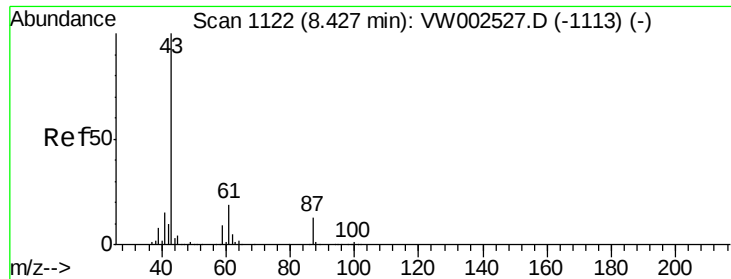
Acq: 16 May 2018 00:57

Tgt Ion	62	Resp	52235
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.35 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

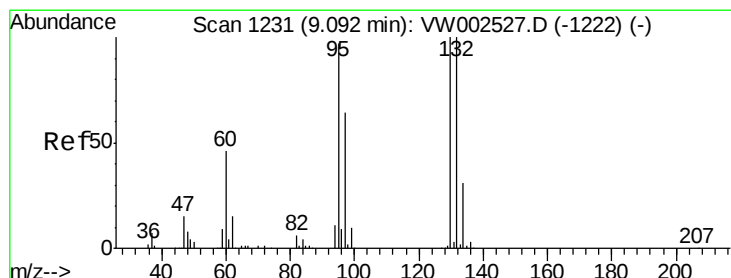
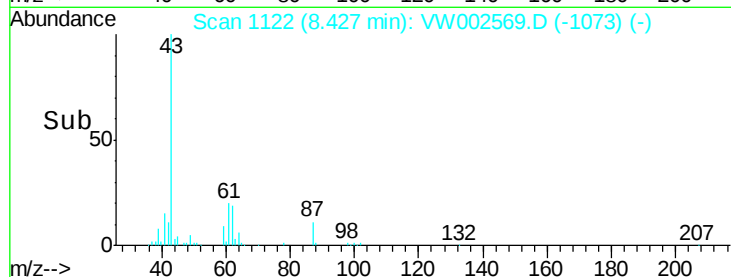
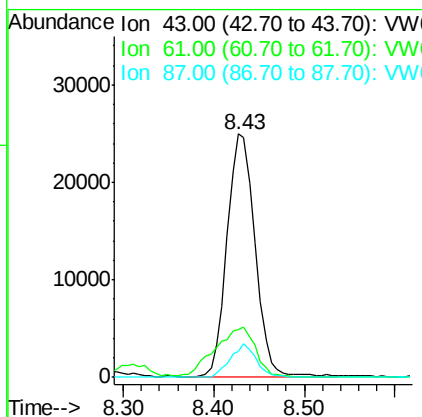
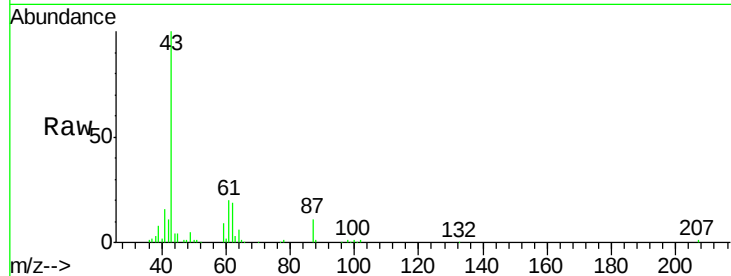
ClientSampleId :

VW0515SBS03

Tot Ion:	43	Resp:	53522
Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.0	34.6
87	12.6	10.6	15.8

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#44

Trichloroethene

Concen: 20.75 ug/l

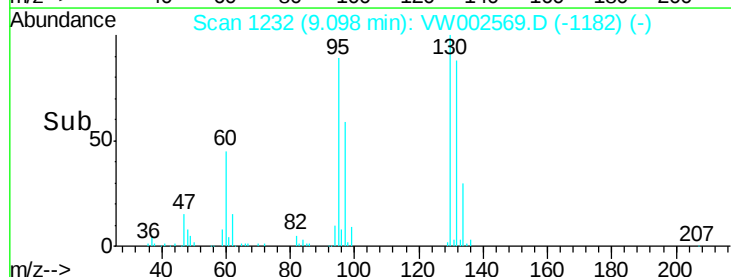
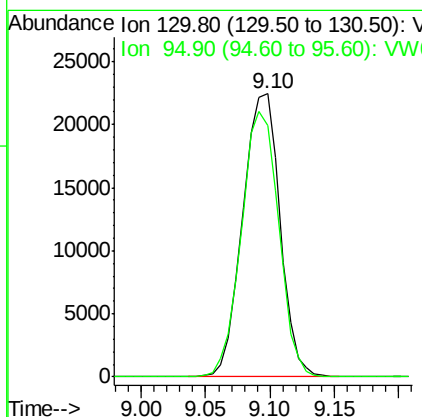
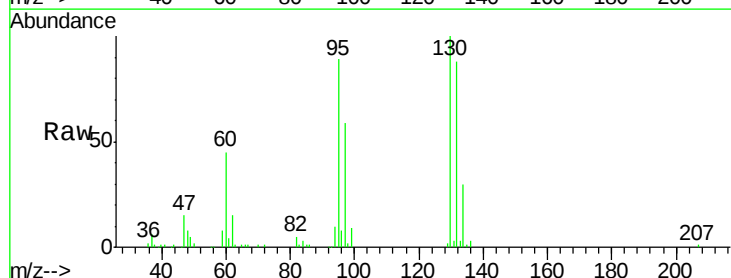
RT: 9.10 min Scan# 1232

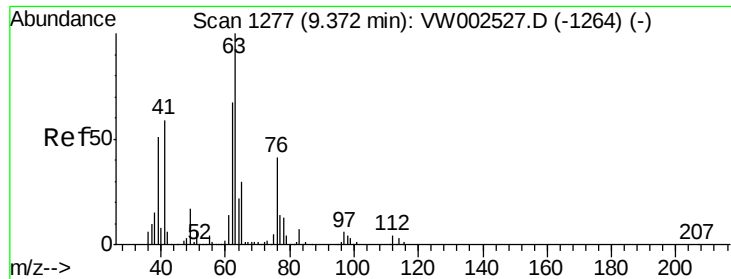
Delta R.T. 0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:	130	Resp:	45010
Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	194.6





#45

1,2-Dichloropropane

Concen: 20.58 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 63 Resp: 41495

Ion Ratio Lower Upper

63 100

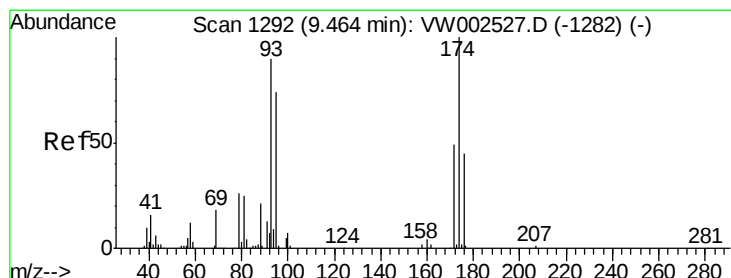
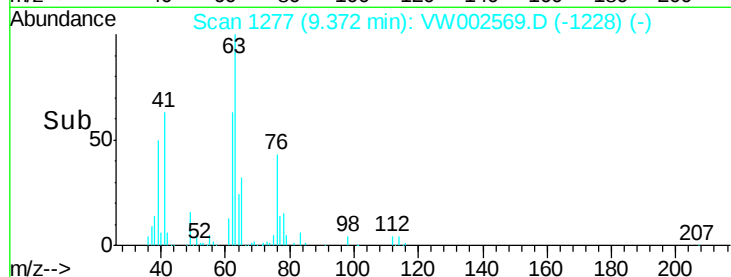
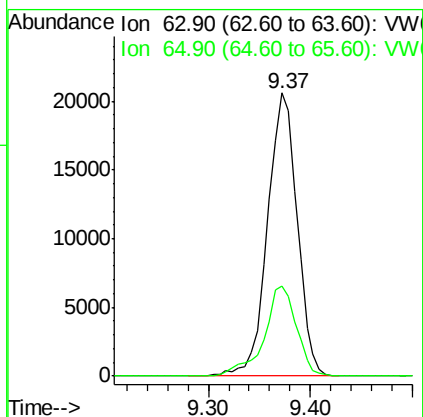
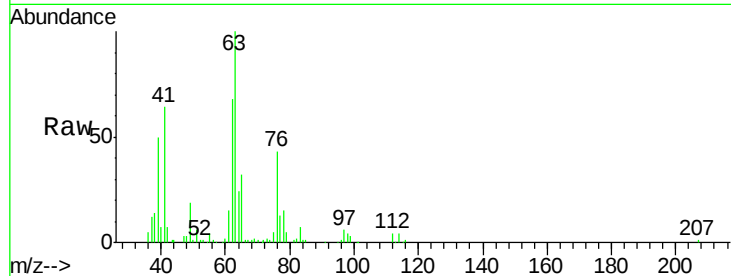
65 31.7 24.4 36.6

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#46

Dibromomethane

Concen: 20.68 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

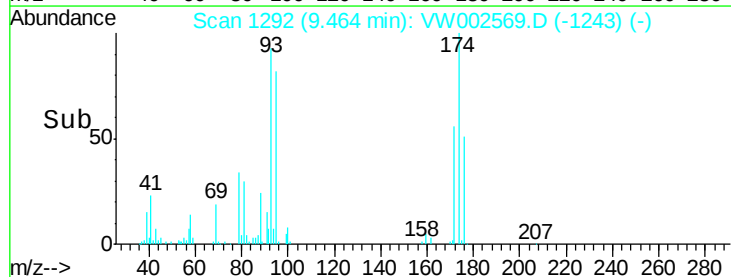
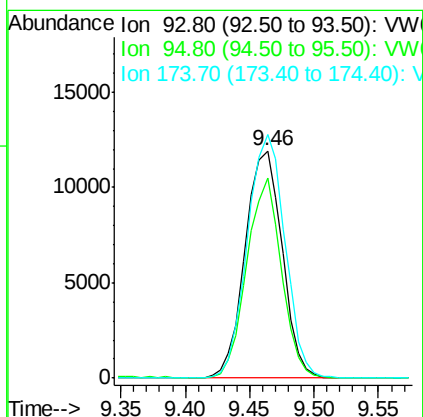
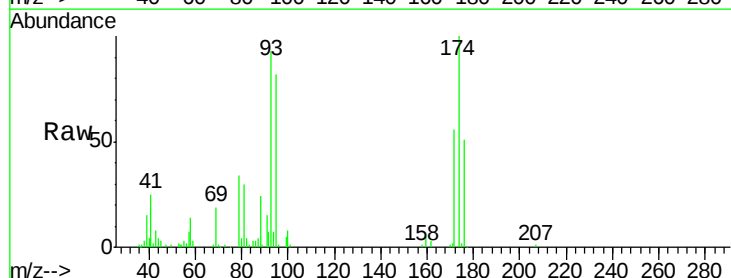
Tgt Ion: 93 Resp: 23727

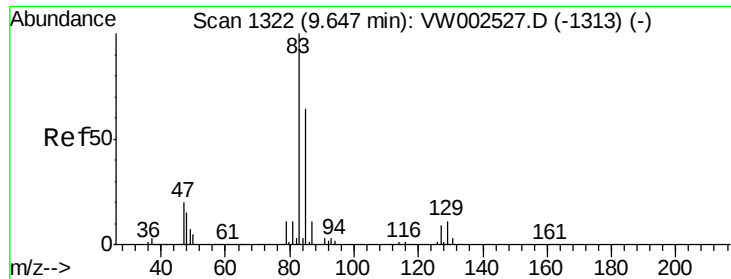
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 108.8 84.0 126.0





#47

Bromodichloromethane

Concen: 20.60 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

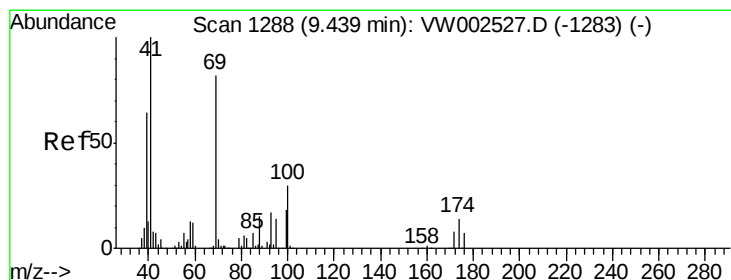
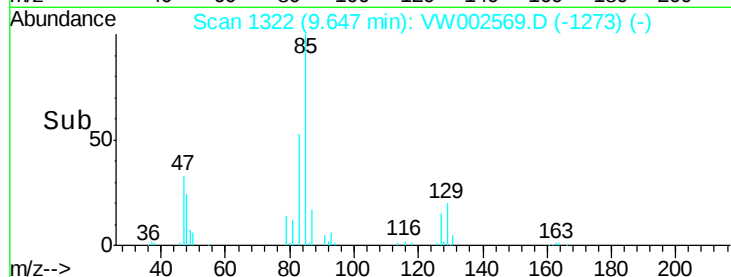
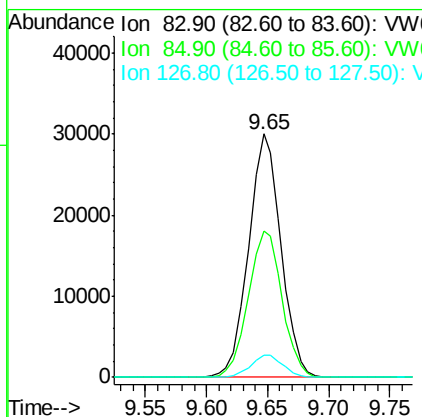
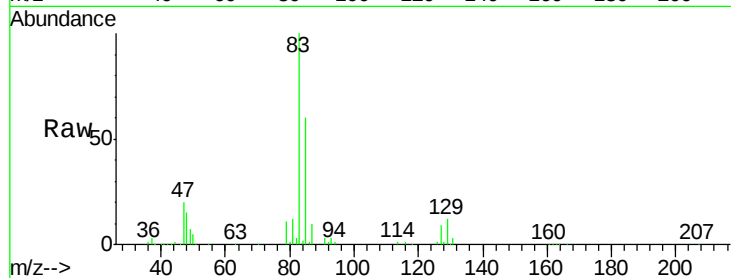
ClientSampleId :

VW0515SBS03

Tot Ion:	83	Resp:	55133
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.4	77.2
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.68 ug/l

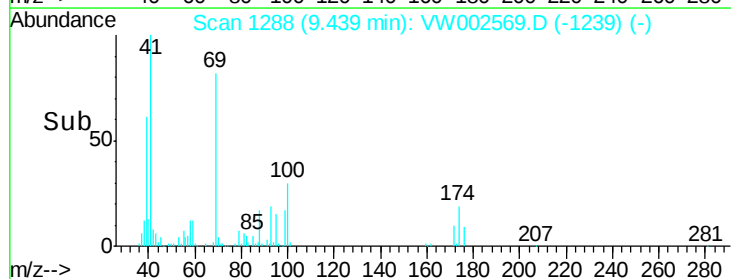
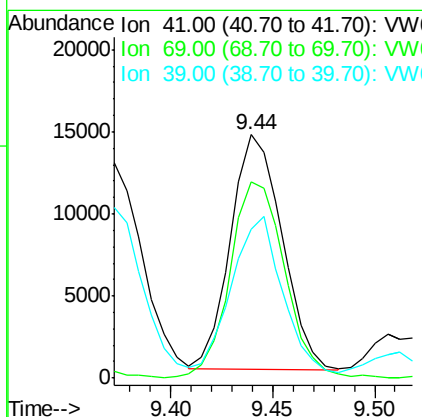
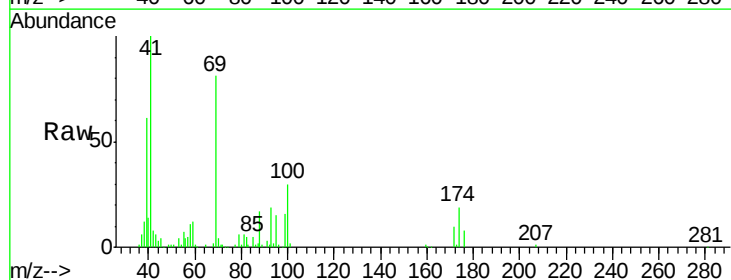
RT: 9.44 min Scan# 1288

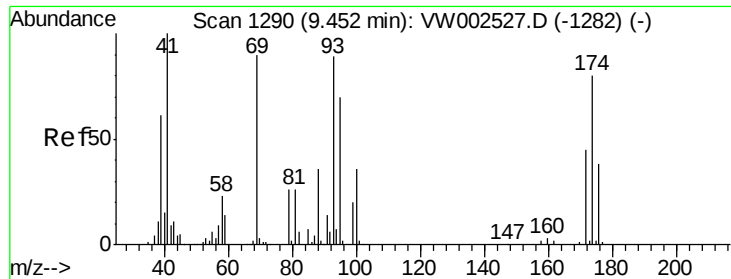
Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:	41	Resp:	25075
Ion	Ratio	Lower	Upper
41	100		
69	89.5	69.7	104.5
39	69.7	55.0	82.4





#49

1,4-Dioxane

Concen: 460.59 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

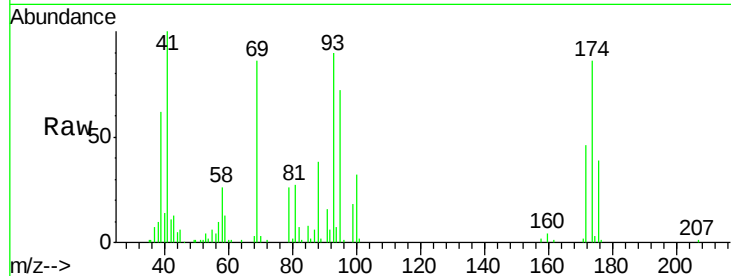
ClientSampleId :

VW0515SBSD03

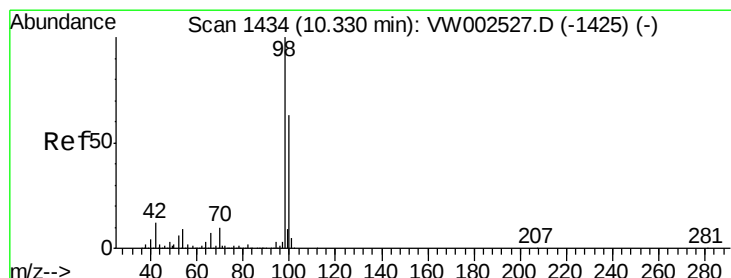
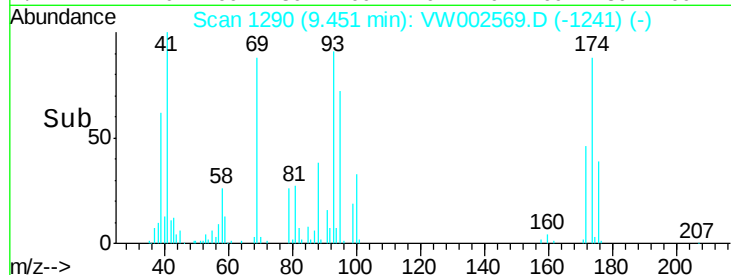
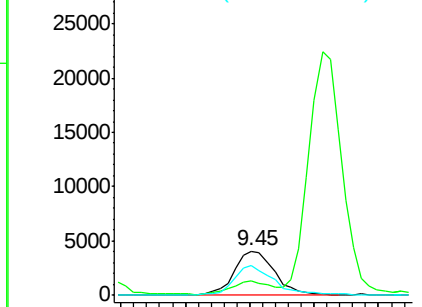
Tot Ion:	88	Resp:	8809
Ion	Ratio	Lower	Upper
88	100		
43	31.5	27.0	40.4
58	68.9	56.9	85.3

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



#50

Toluene-d8

Concen: 53.45 ug/l

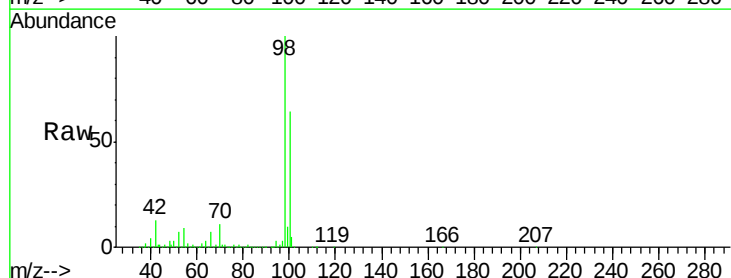
RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

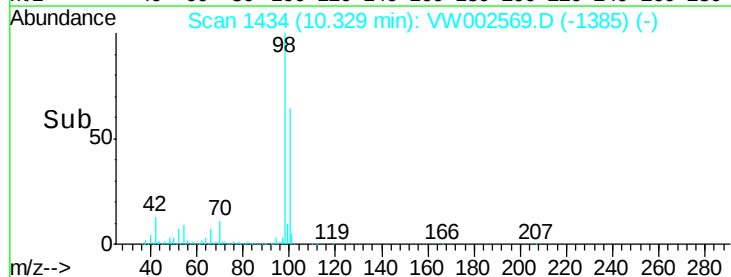
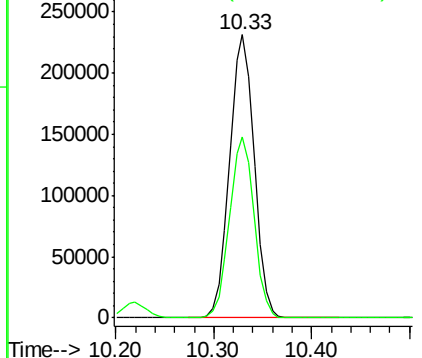
Lab File: VW002569.D

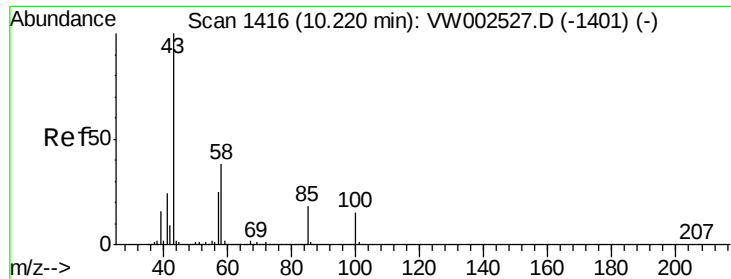
Acq: 16 May 2018 00:57

Tgt Ion:	98	Resp:	402944
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4



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





#51

4-Methyl-2-Pentanone

Concen: 103.32 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 43 Resp: 149171

Ion Ratio Lower Upper

43 100

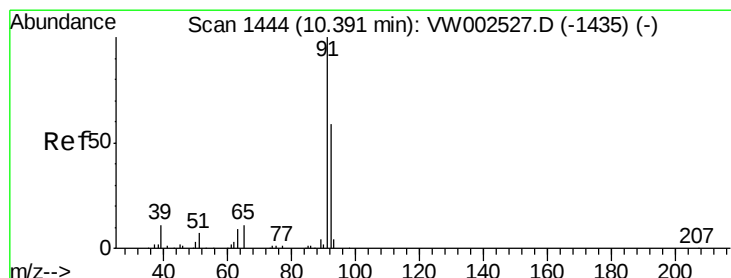
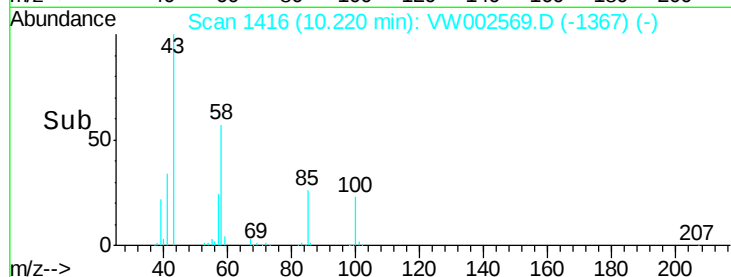
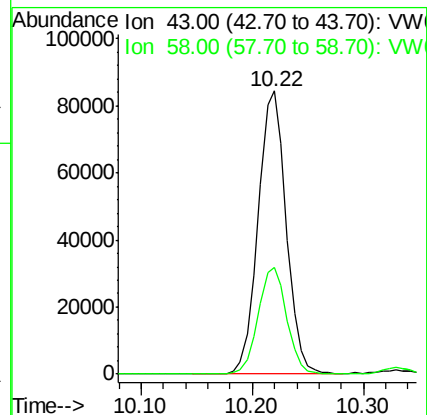
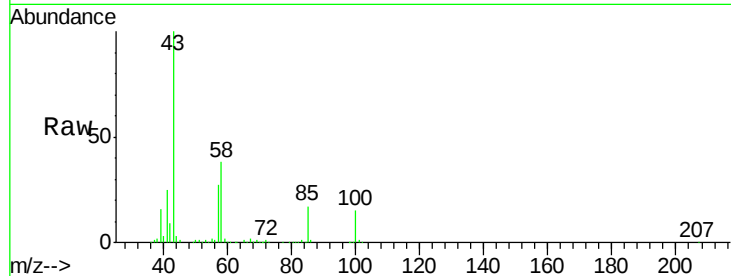
58 38.0 30.1 45.1

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#52

Toluene

Concen: 20.52 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW002569.D

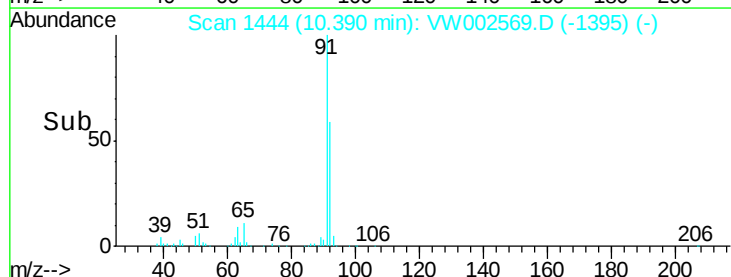
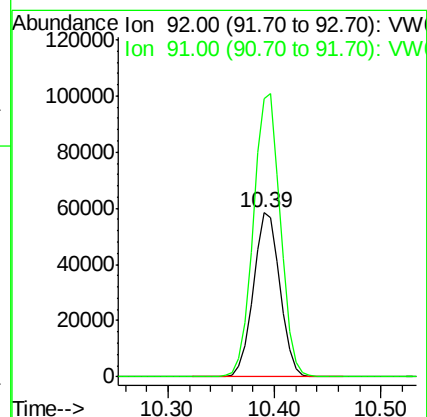
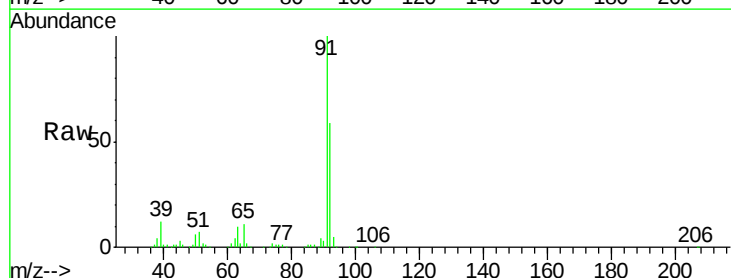
Acq: 16 May 2018 00:57

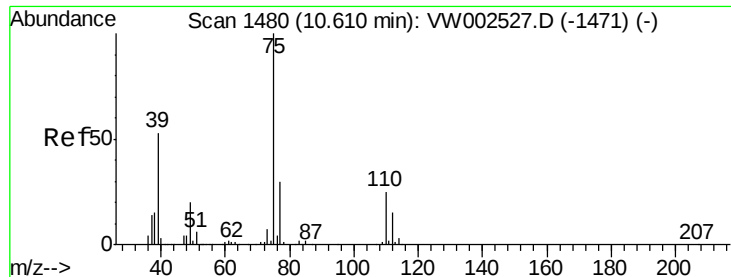
Tgt Ion: 92 Resp: 102678

Ion Ratio Lower Upper

92 100

91 174.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.33 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBSD03

Tot Ion: 75 Resp: 52312

Ion Ratio Lower Upper

75 100

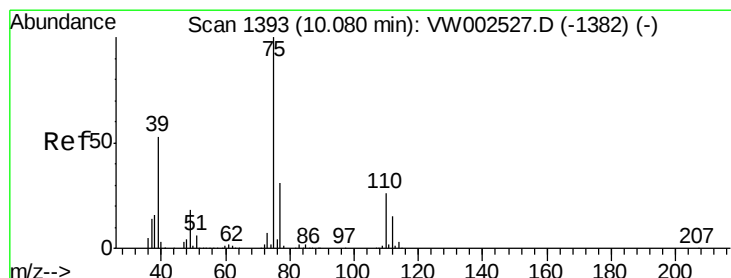
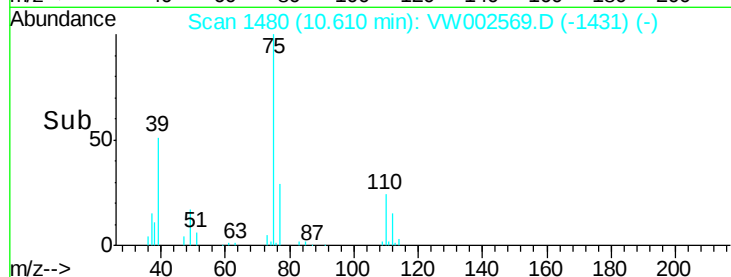
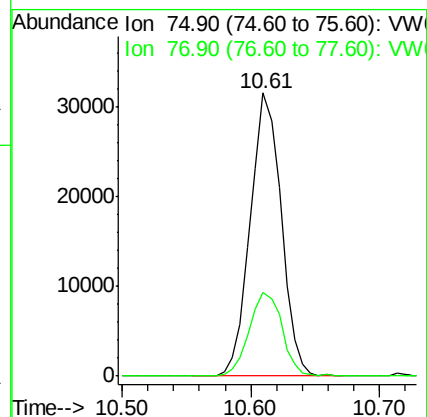
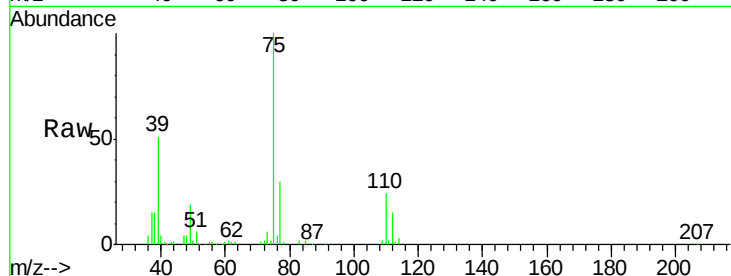
77 29.6 24.1 36.1

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#54

cis-1,3-Dichloropropene

Concen: 19.52 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

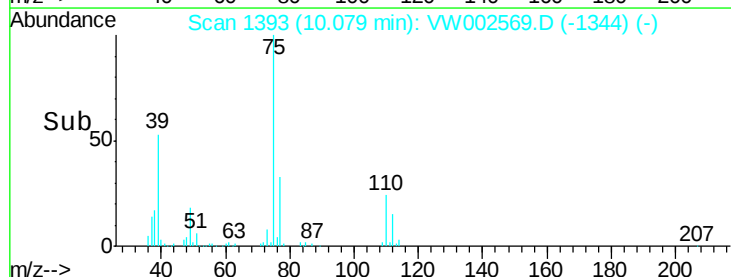
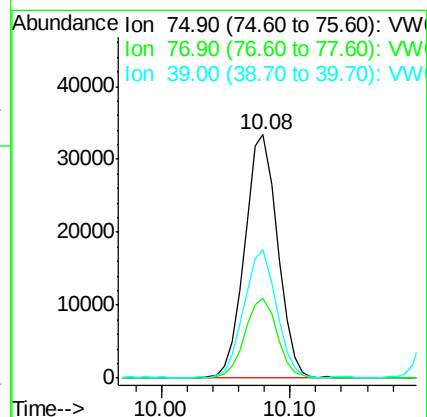
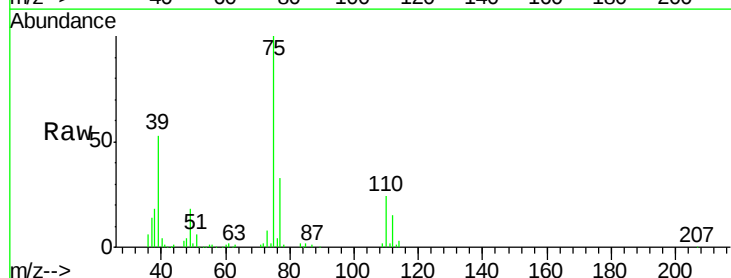
Tgt Ion: 75 Resp: 58893

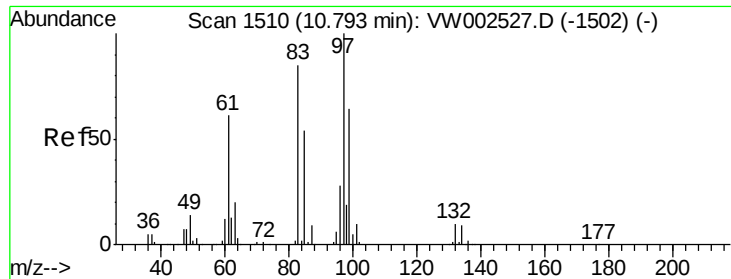
Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.4

39 52.8 42.5 63.7





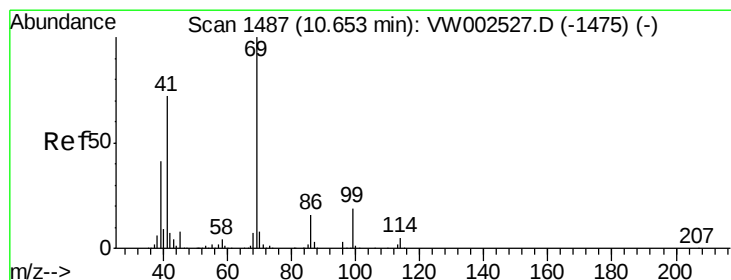
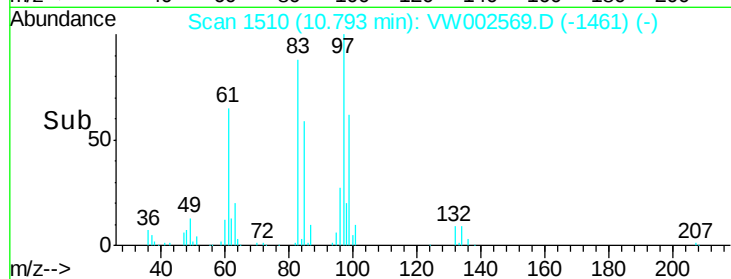
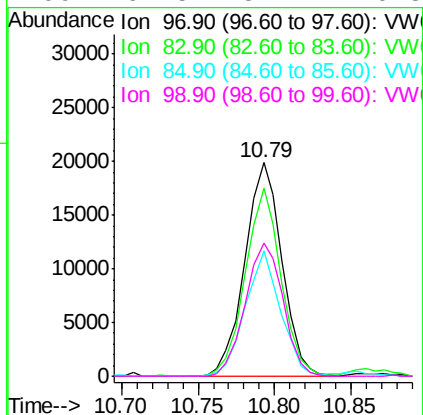
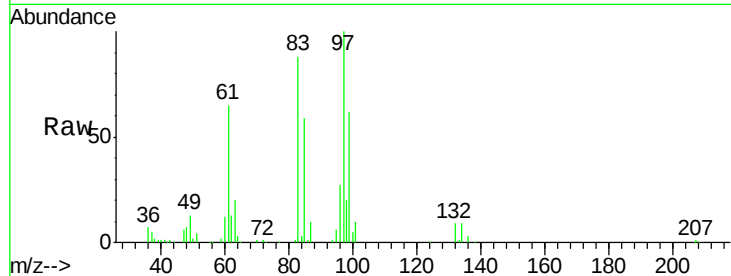
#55
 1,1,2-Trichloroethane
 Concen: 20.71 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

Tot Ion	97	Resp	33489
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.1	102.1
85	59.0	43.6	65.4
99	62.5	51.2	76.8

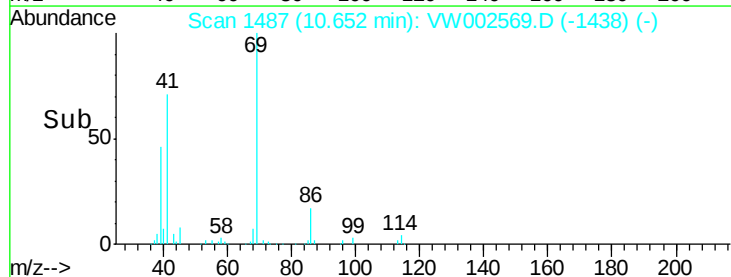
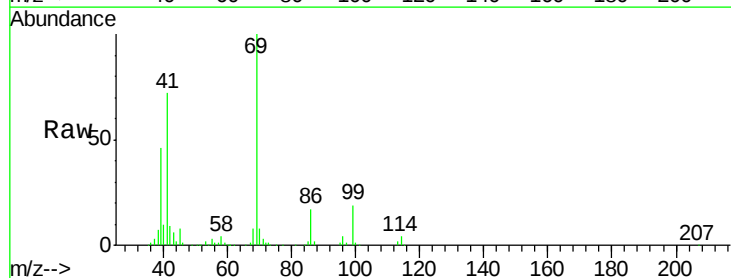
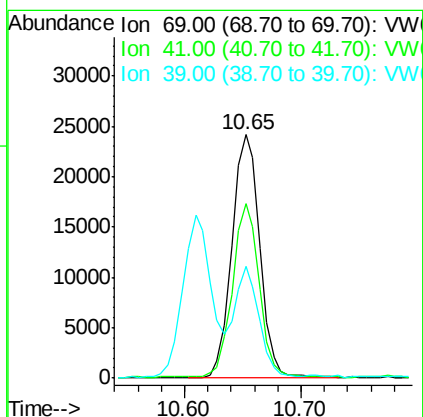
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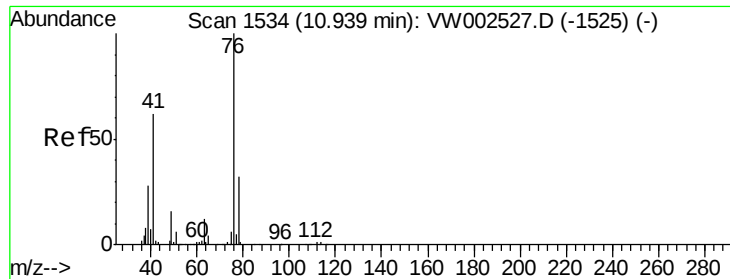
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#56
 Ethyl methacrylate
 Concen: 20.48 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion	69	Resp	40357
Ion	Ratio	Lower	Upper
69	100		
41	67.5	55.3	82.9
39	39.4	33.0	49.6





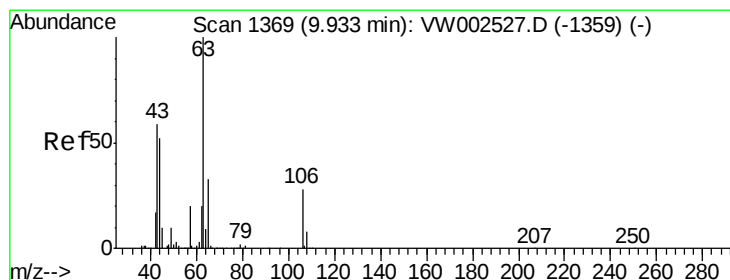
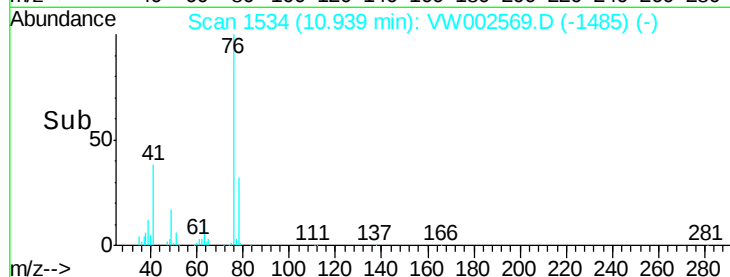
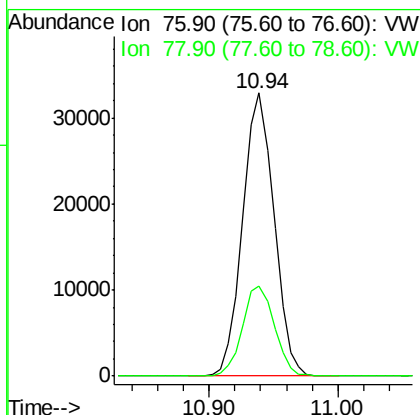
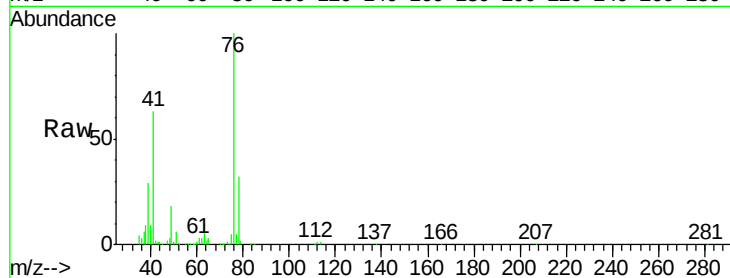
#57
 1,3-Dichloropropane
 Concen: 20.71 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

Tot Ion: 76 Resp: 55542
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4

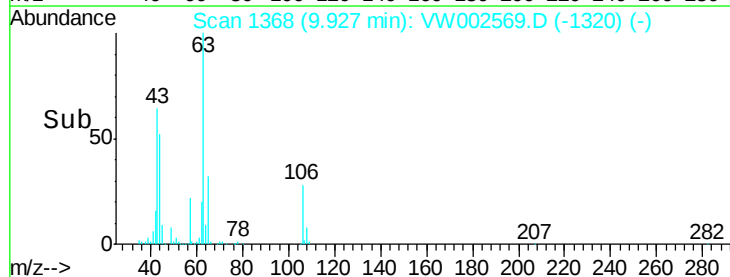
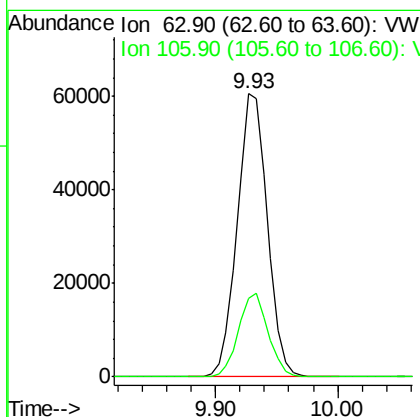
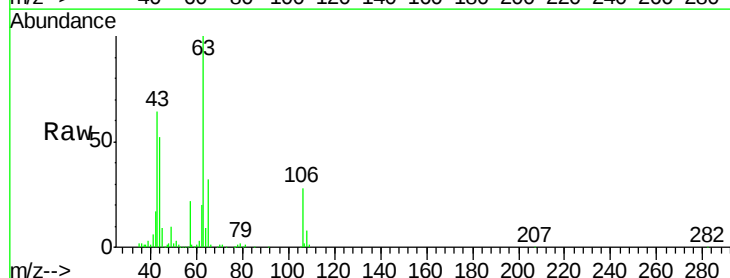
Manual Integrations
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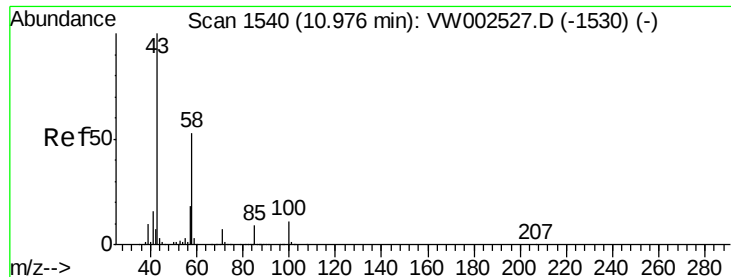
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.82 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion: 63 Resp: 103319
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.9 34.3





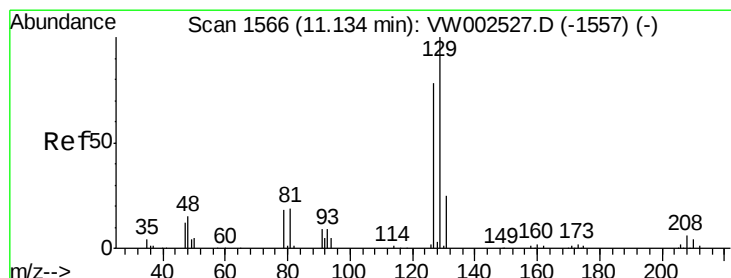
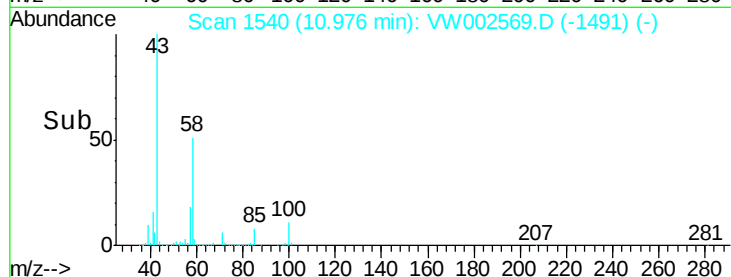
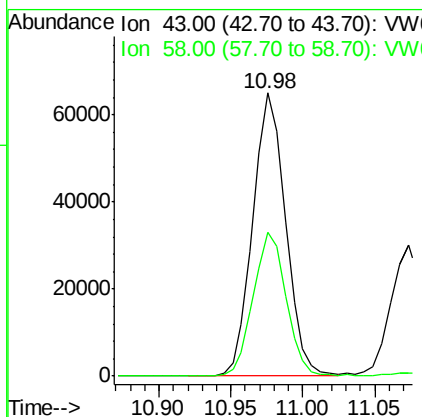
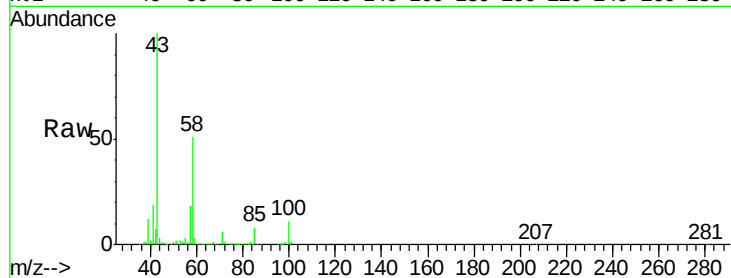
#59
2-Hexanone
Concen: 102.73 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBSD03

Tot Ion	43	Resp	102394
Ion Ratio	43	100	
Lower	58	51.2	26.3
Upper			78.8

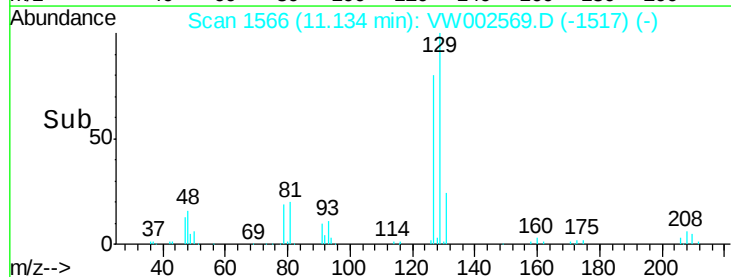
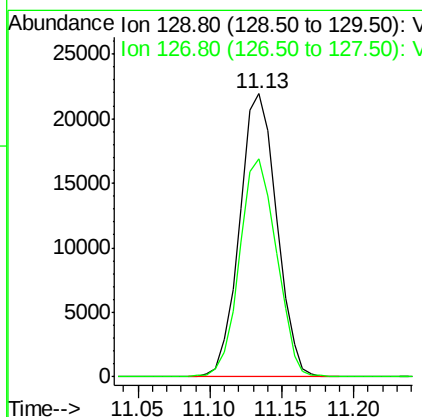
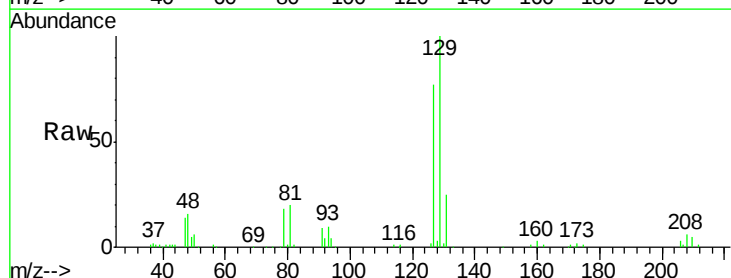
Manual Integrations
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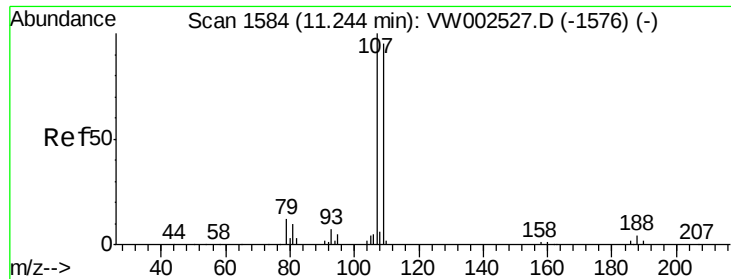
apatel
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#60
Dibromochloromethane
Concen: 20.53 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion	129	Resp	39172
Ion Ratio	129	100	
Lower	127	76.9	38.6
Upper			115.7





#61

1,2-Dibromoethane

Concen: 20.99 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 107 Resp: 32748

Ion Ratio Lower Upper

107 100

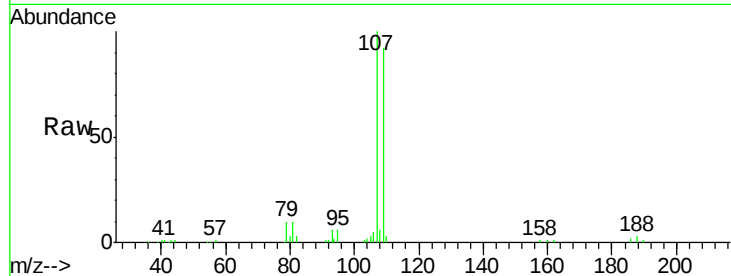
109 94.1 75.4 113.2

Manual Integrations

APPROVED

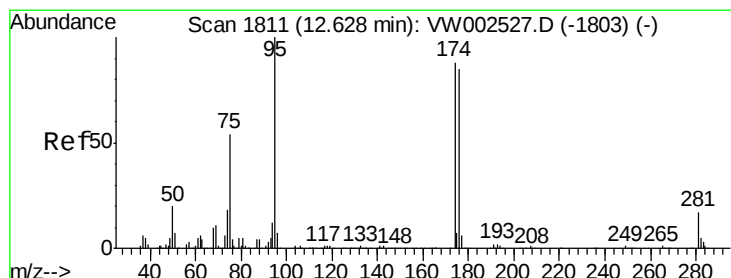
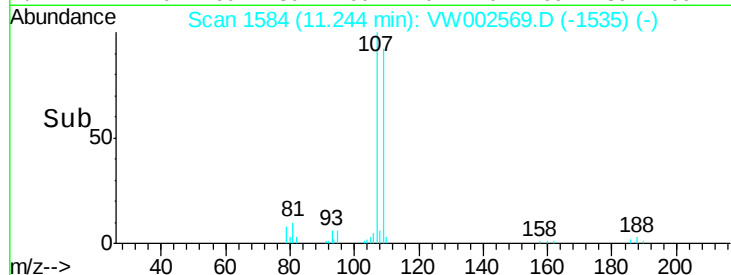
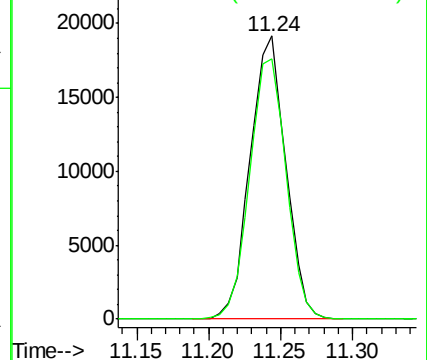
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.41 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

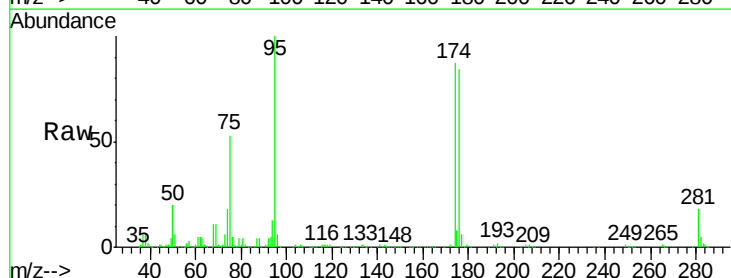
Tgt Ion: 95 Resp: 144476

Ion Ratio Lower Upper

95 100

174 89.5 0.0 176.6

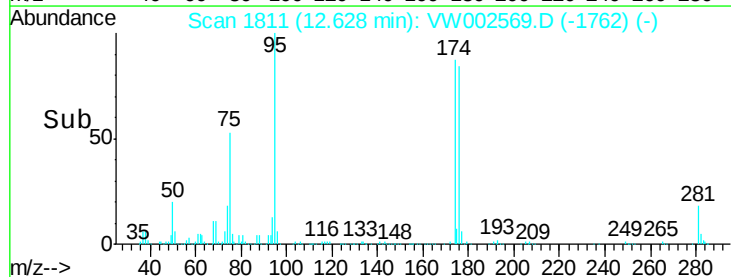
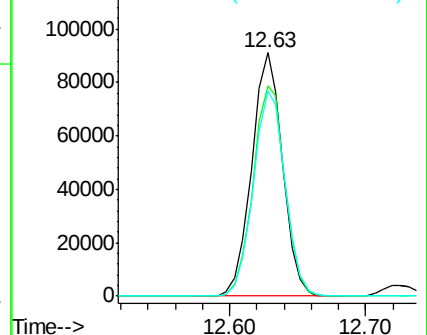
176 86.8 0.0 172.2

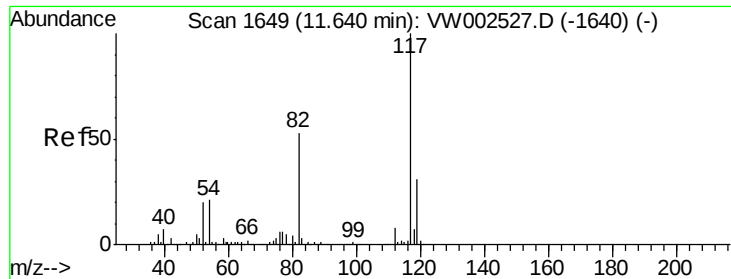


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





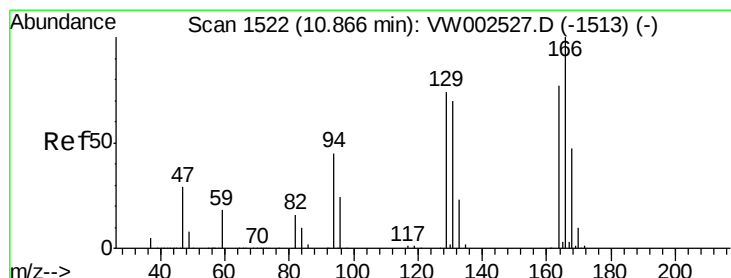
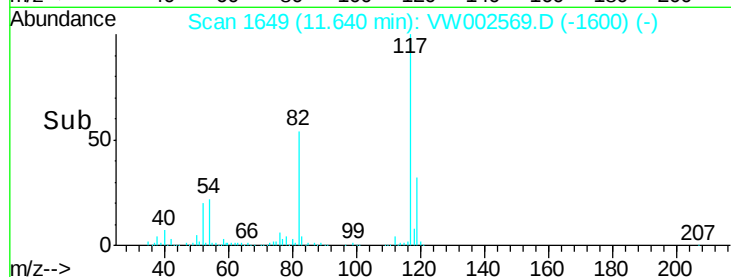
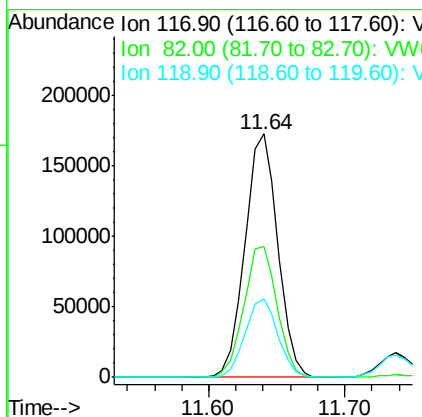
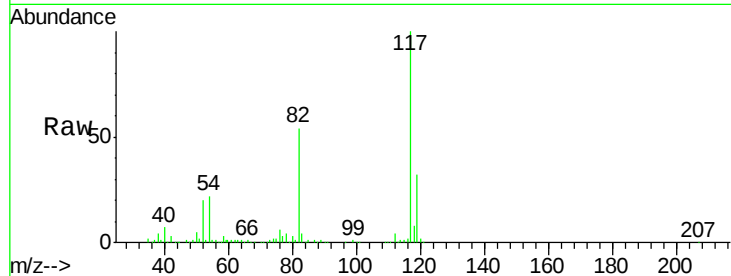
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	291234		
82	54.0		42.6	64.0
119	32.5		25.0	37.6

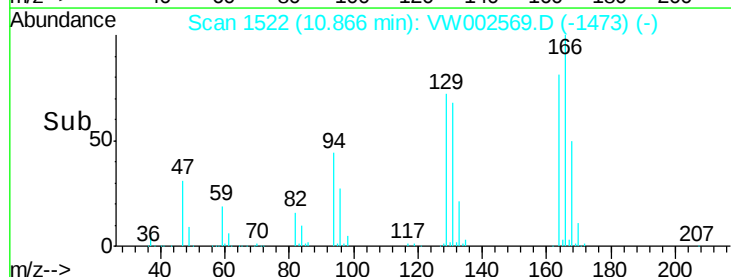
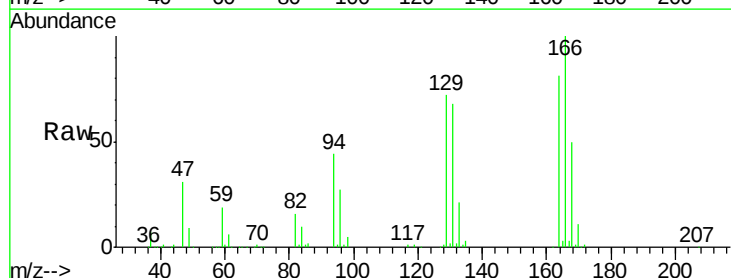
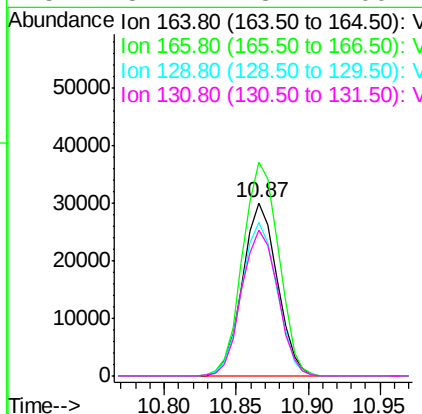
Manual Integrations
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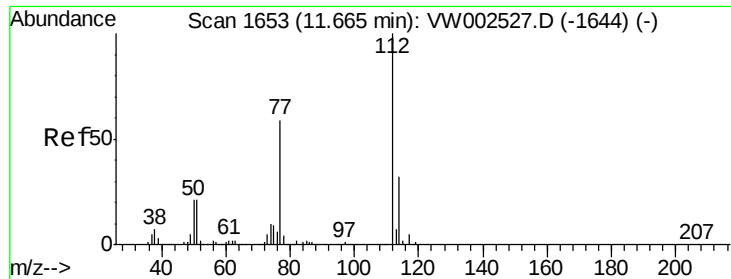
apatel
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#64
Tetrachloroethene
Concen: 24.55 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50399		
166	123.5		104.2	156.2
129	88.9		77.0	115.4
131	84.4		73.1	109.7





#65

Chlorobenzene

Concen: 20.75 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion:112 Resp: 120355

Ion Ratio Lower Upper

112 100

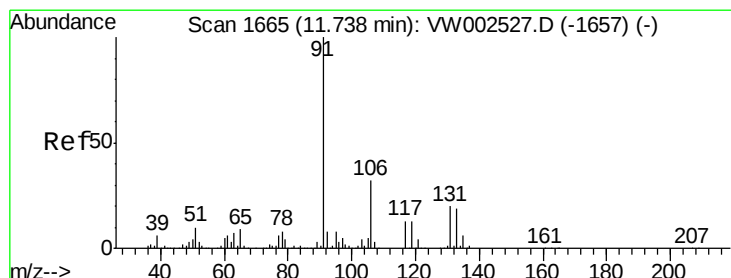
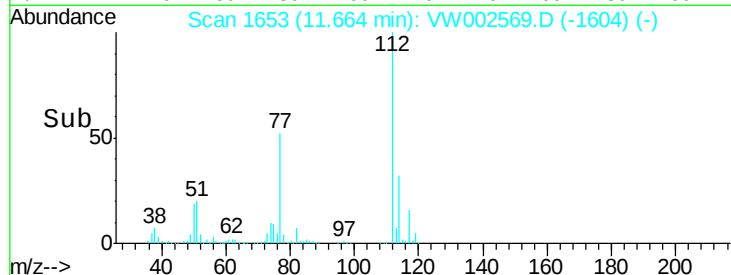
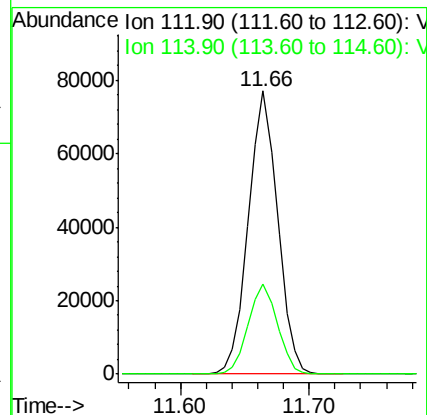
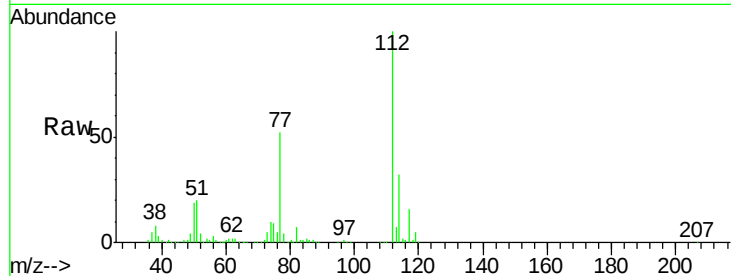
114 31.6 25.3 37.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.68 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

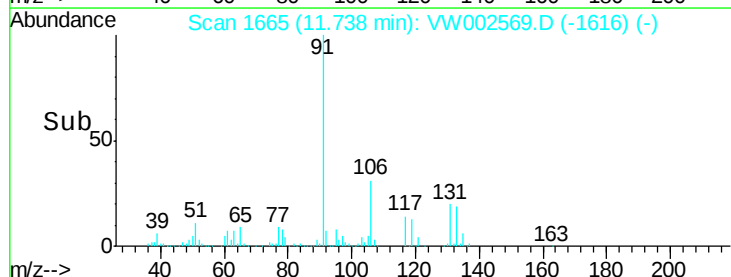
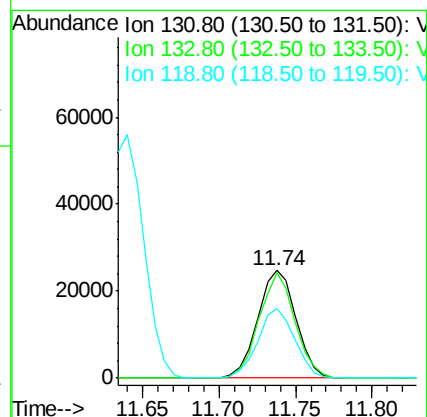
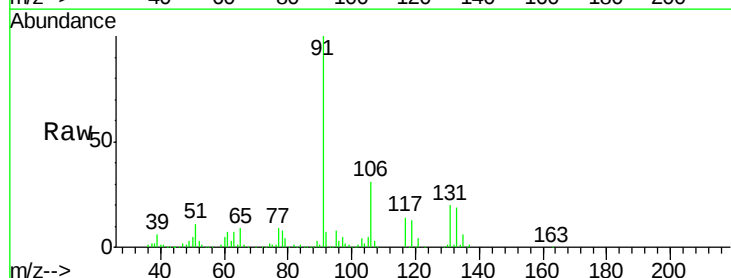
Tgt Ion:131 Resp: 42941

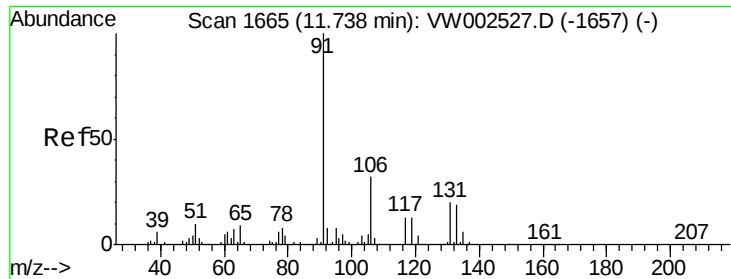
Ion Ratio Lower Upper

131 100

133 92.7 48.4 145.3

119 63.3 32.2 96.6





#67

Ethyl Benzene

Concen: 20.05 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 91 Resp: 197652

Ion Ratio Lower Upper

91 100

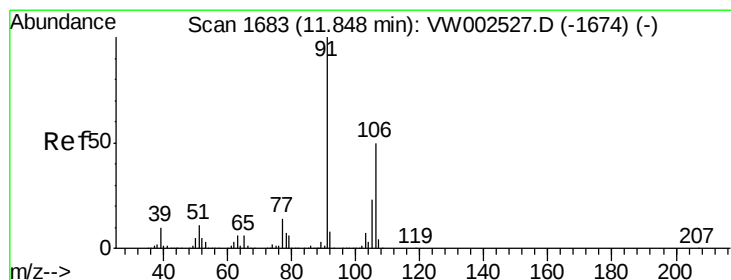
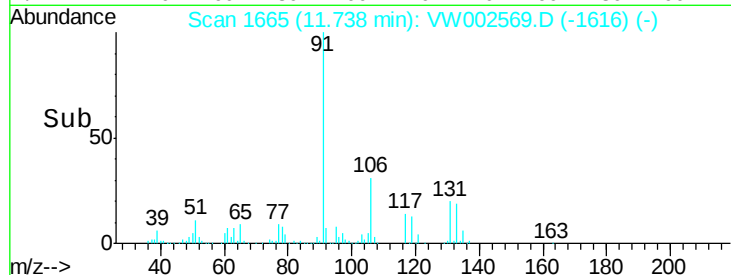
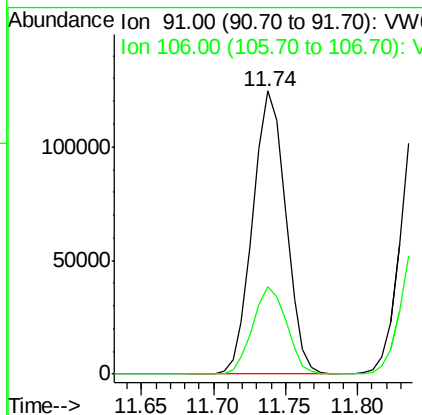
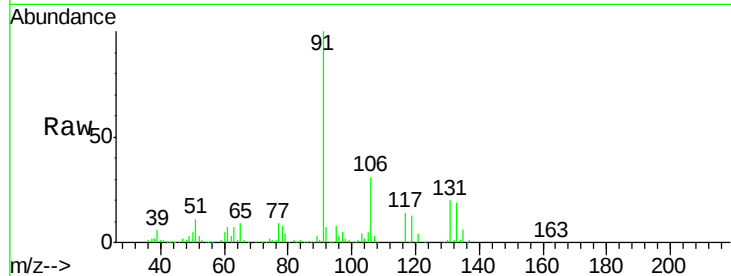
106 30.9 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.26 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW002569.D

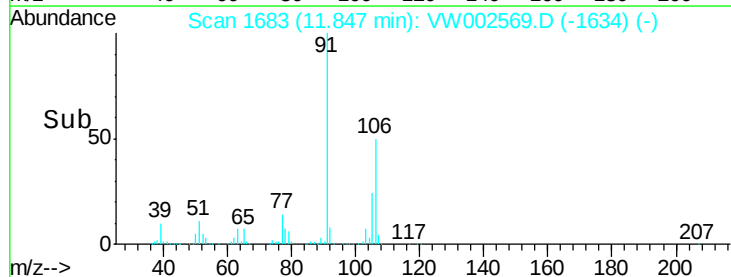
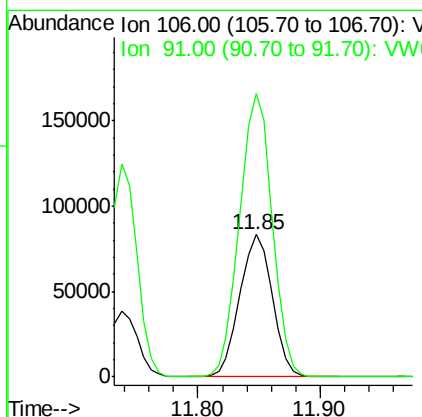
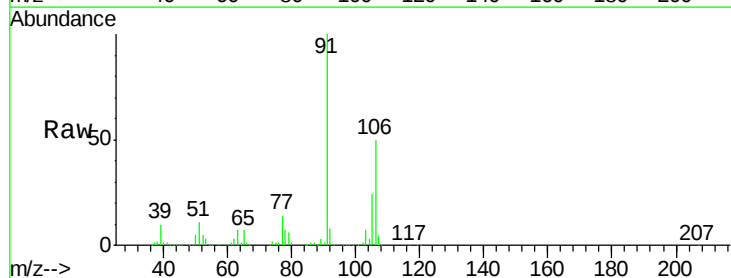
Acq: 16 May 2018 00:57

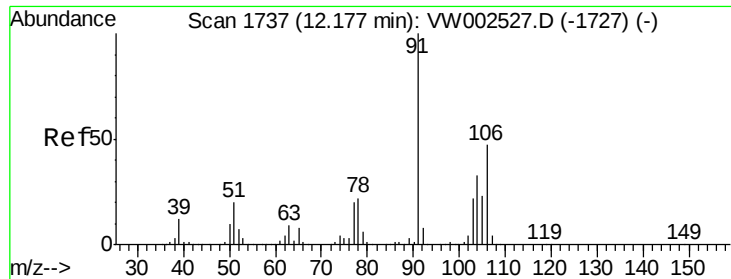
Tgt Ion: 106 Resp: 154302

Ion Ratio Lower Upper

106 100

91 200.2 161.4 242.2





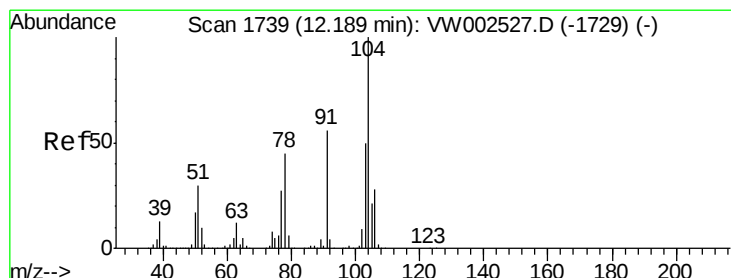
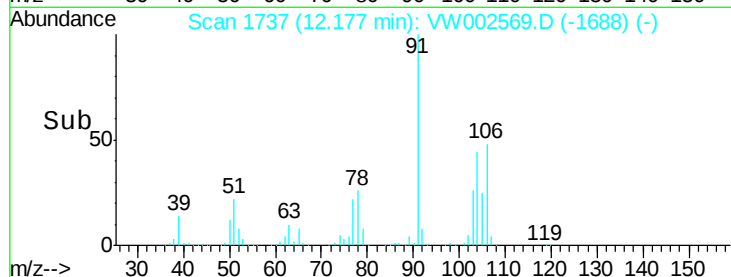
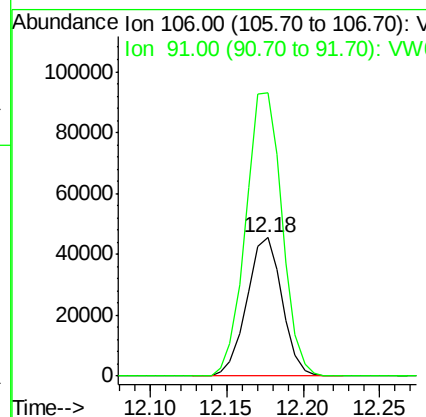
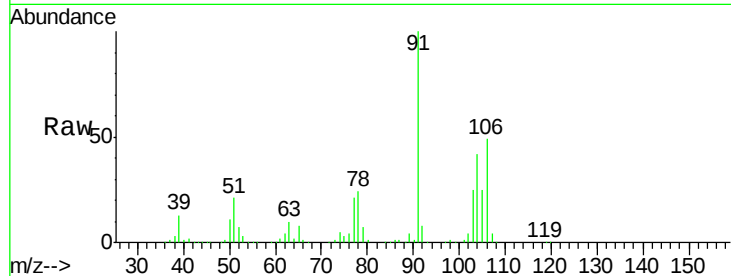
#69
o-Xylene
Concen: 20.08 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampled :
VW0515SBS03

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.0	106.7	320.2

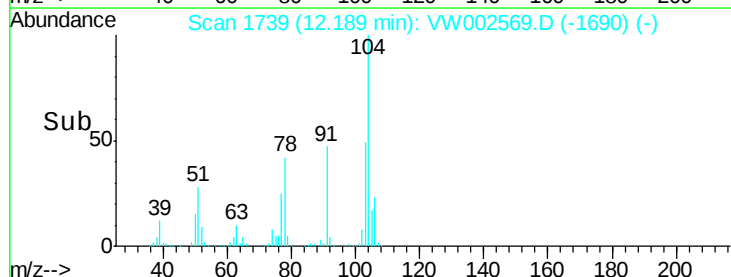
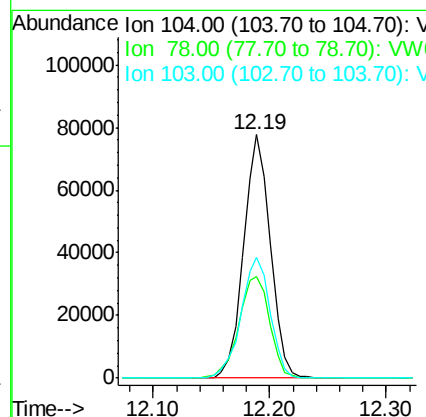
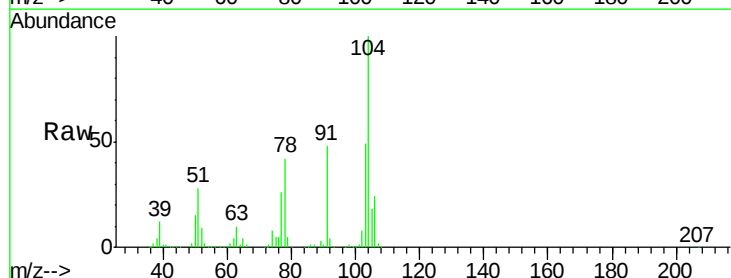
Manual Integrations
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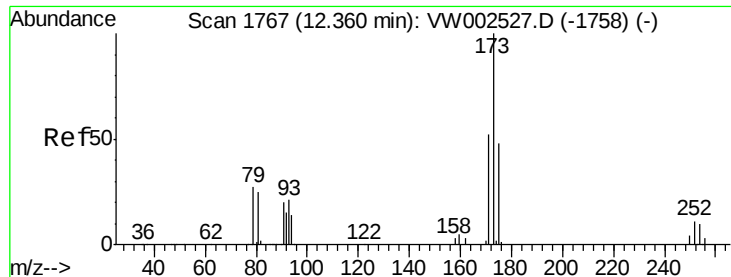
apatel
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#70
Styrene
Concen: 20.53 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	40.1	60.1
103	54.0	44.6	66.8





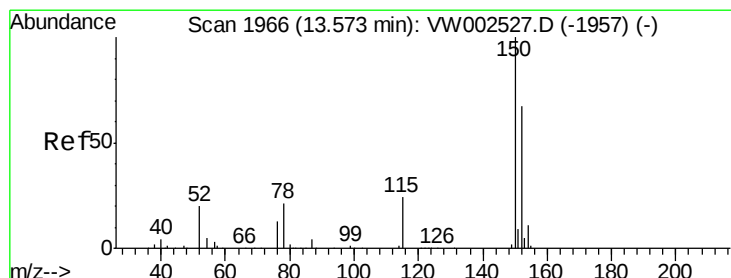
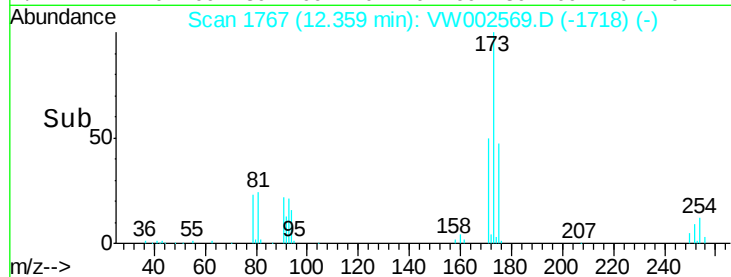
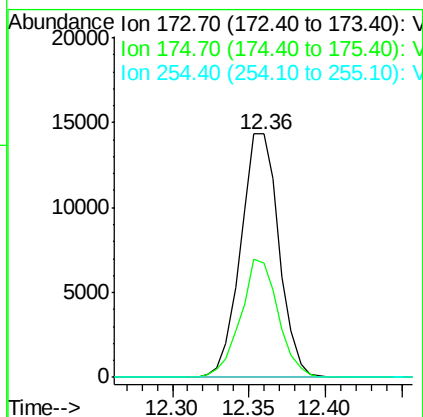
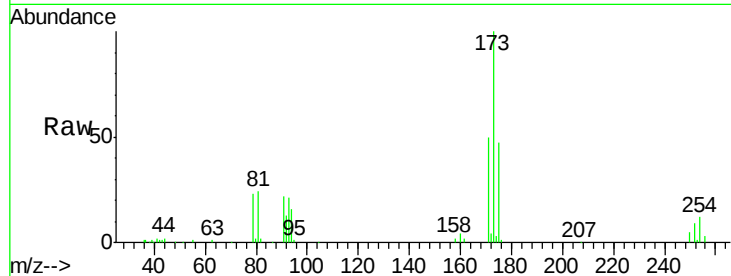
#71
Bromoform
Concen: 20.39 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.5	73.5
254	0.0	0.1	0.1#

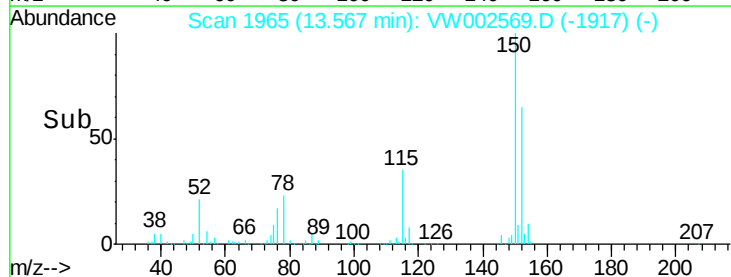
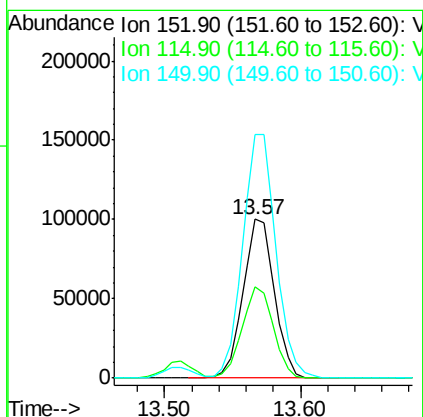
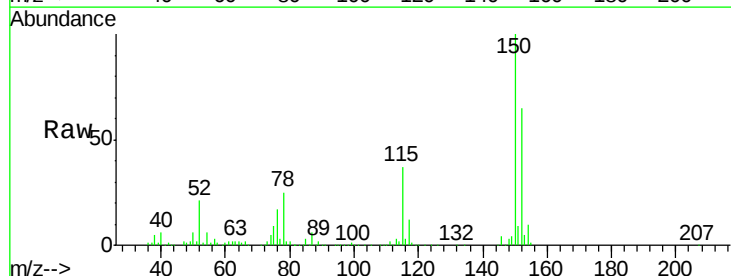
Manual Integrations
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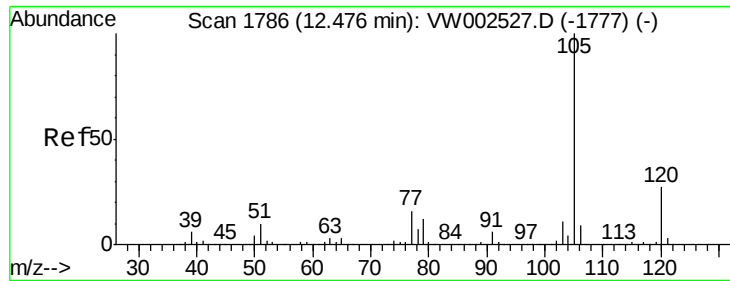
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.0	84.0
150	162.7	0.0	345.4





#73

Isopropylbenzene

Concen: 19.74 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 105 Resp: 195888

Ion Ratio Lower Upper

105 100

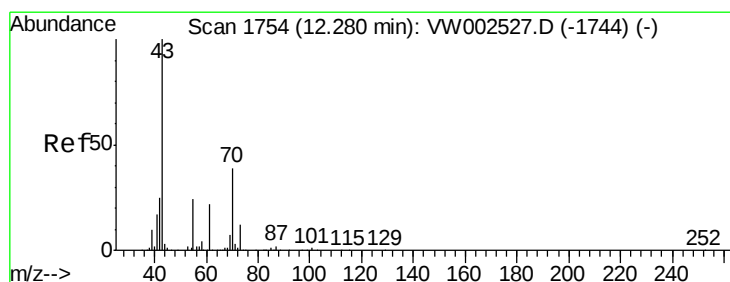
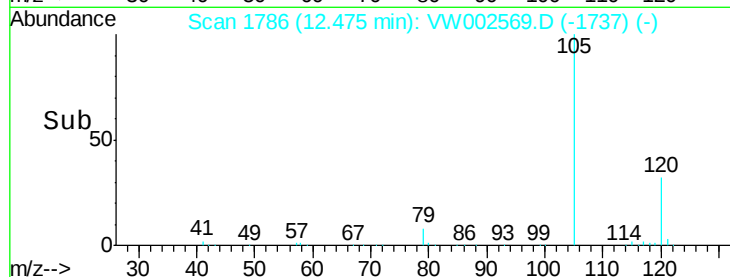
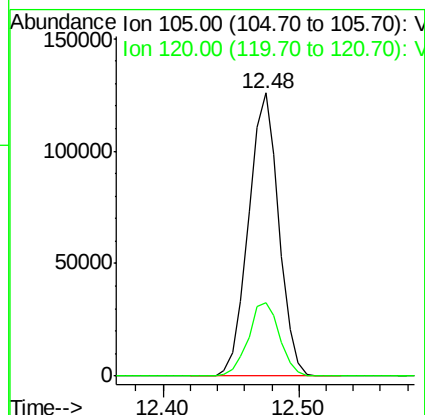
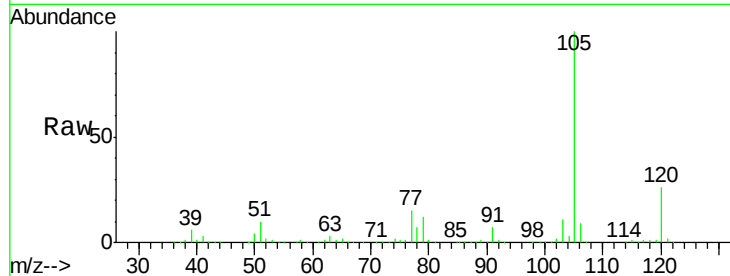
120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 20.45 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion: 43 Resp: 51695

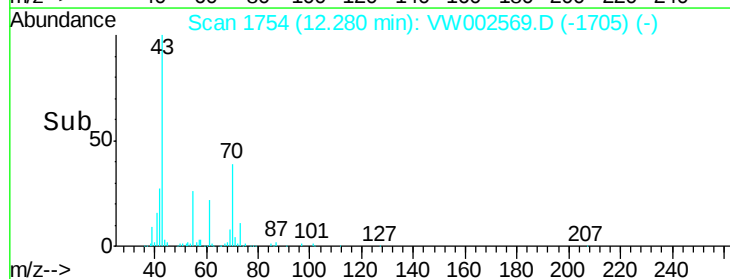
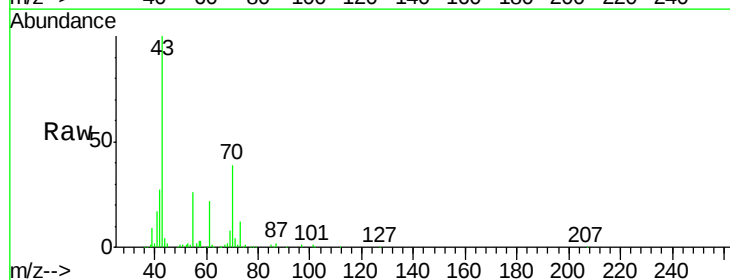
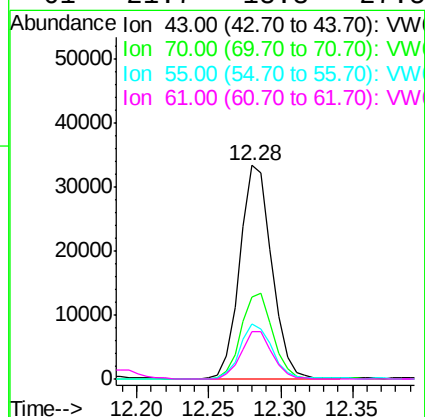
Ion Ratio Lower Upper

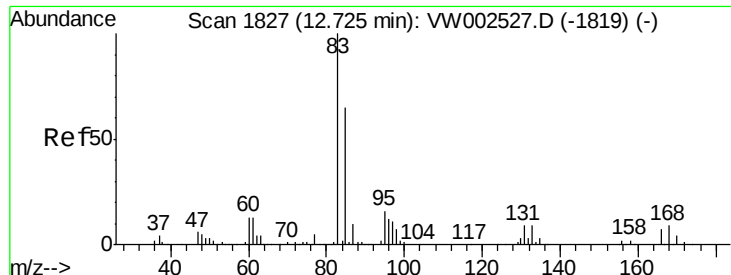
43 100

70 39.8 31.9 47.9

55 25.6 19.4 29.0

61 21.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.45 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

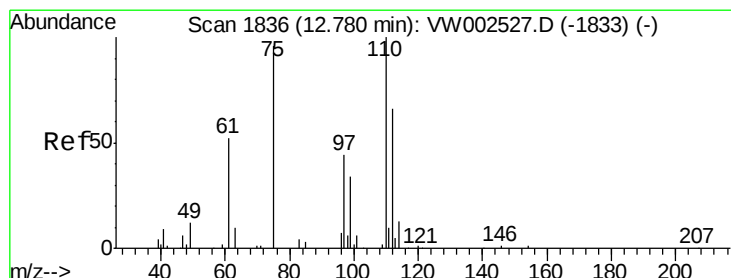
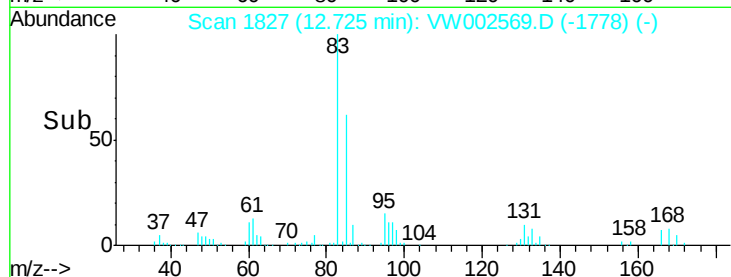
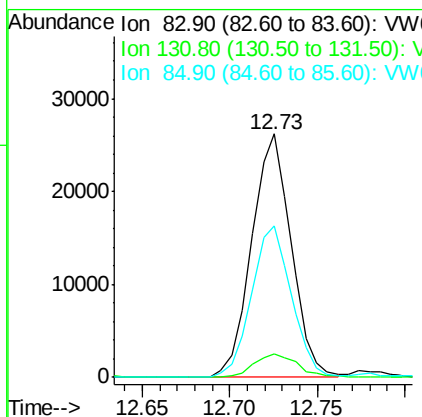
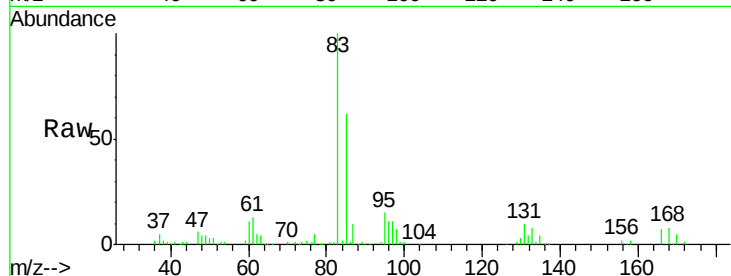
ClientSampleId :

VW0515SBS03

Tot Ion:	83	Resp:	41125
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	63.1	31.6	94.8

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#76

1,2,3-Trichloropropane

Concen: 20.40 ug/l m

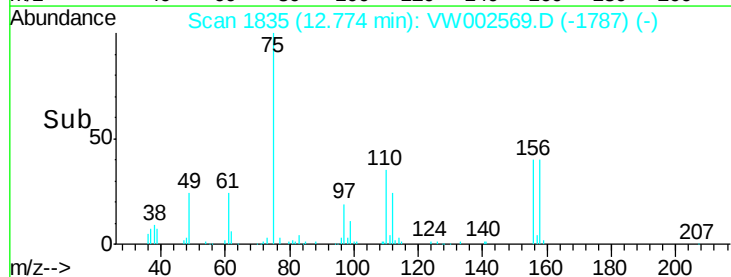
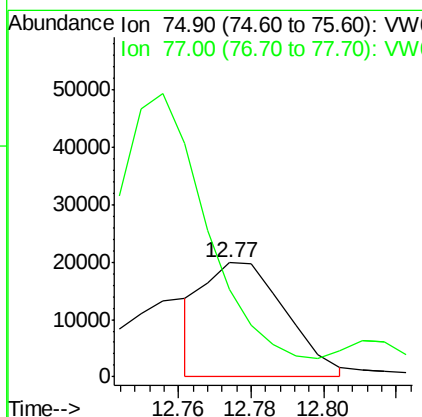
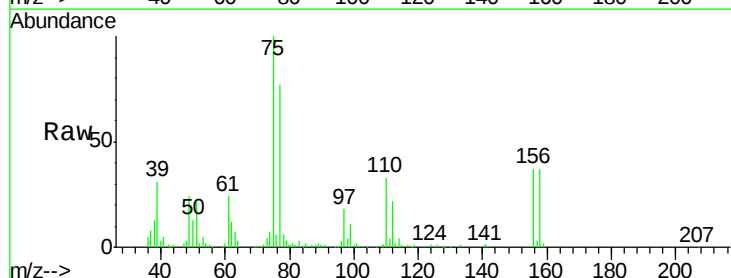
RT: 12.77 min Scan# 1835

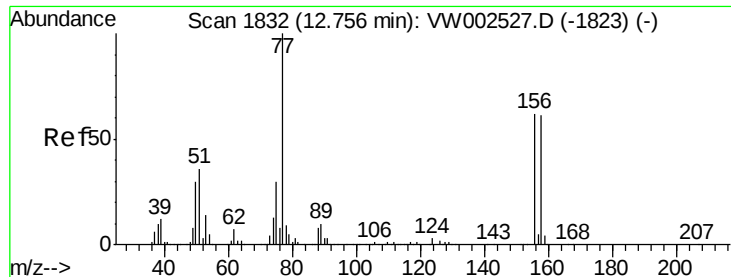
Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:	75	Resp:	31047
Ion Ratio	Lower	Upper	
75	100		
77	296.9	0.0	0.0#





#77

Bromobenzene

Concen: 20.59 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

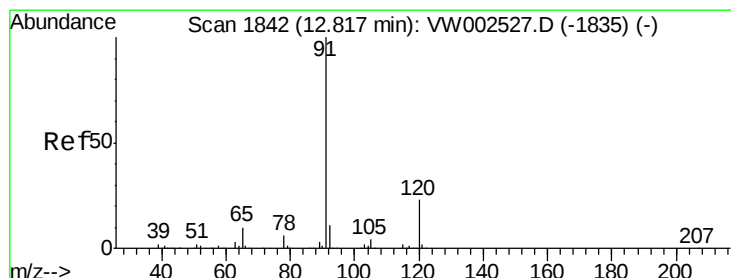
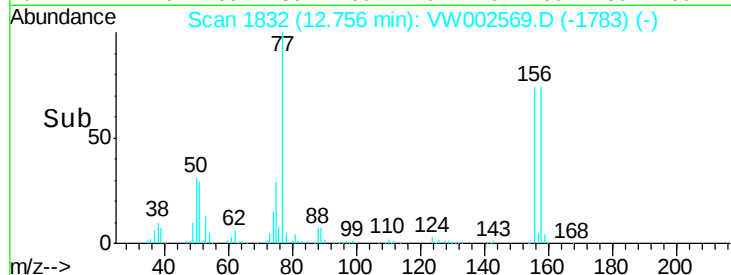
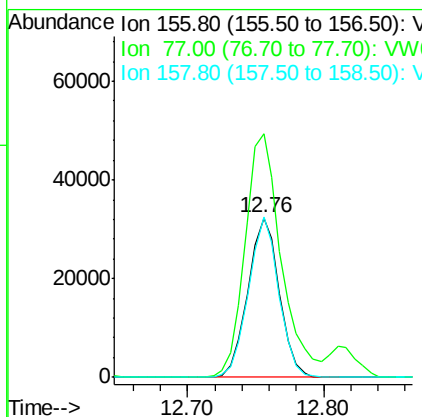
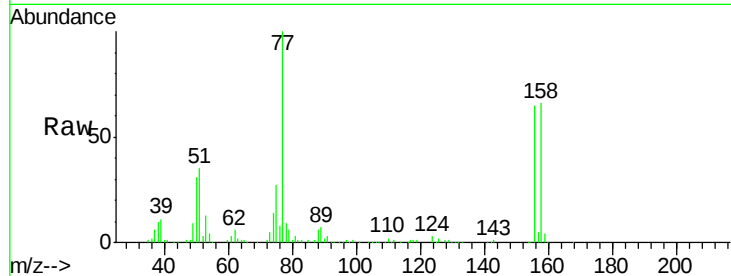
ClientSampleId :

VW0515SBS03

Tot Ion:	156	Resp:	52136
Ion Ratio	Lower	Upper	
156	100		
77	176.8	89.8	269.4
158	97.5	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.86 ug/l

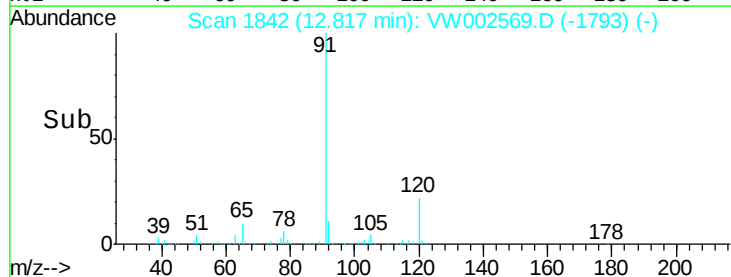
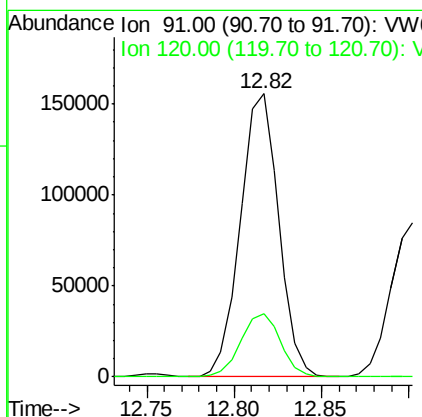
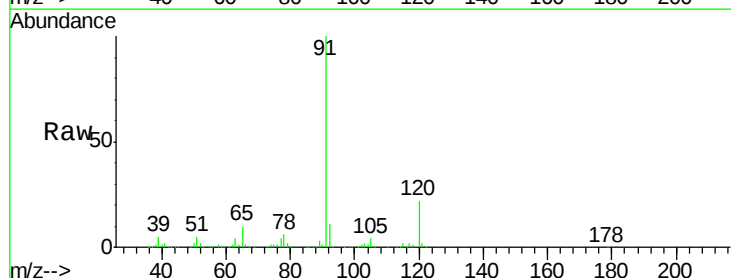
RT: 12.82 min Scan# 1842

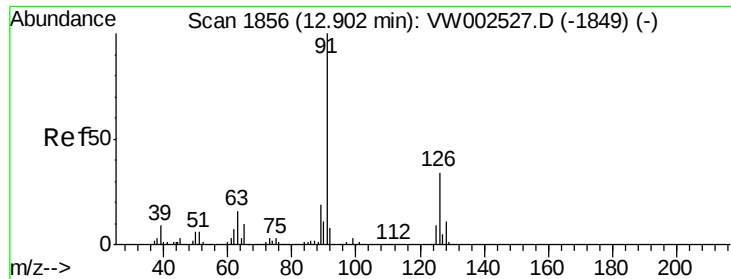
Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:	91	Resp:	238030
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.27 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VW0515SBS03

Tot Ion: 91 Resp: 137985

Ion Ratio Lower Upper

91 100

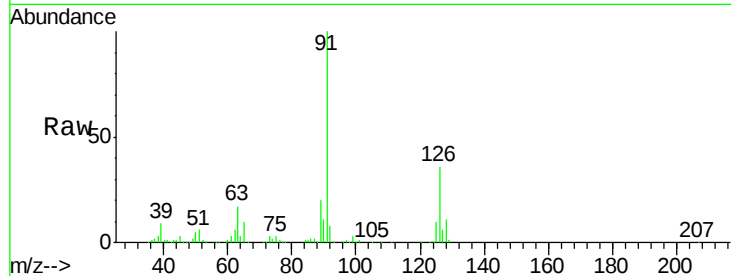
126 35.2 17.6 52.8

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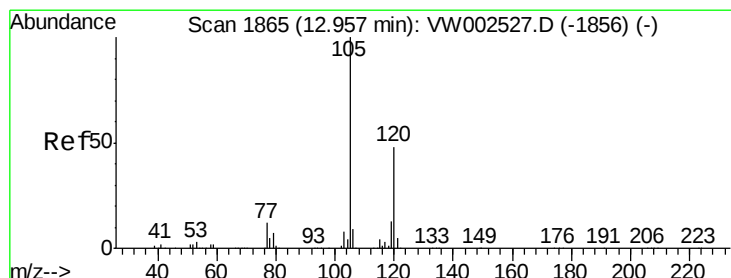
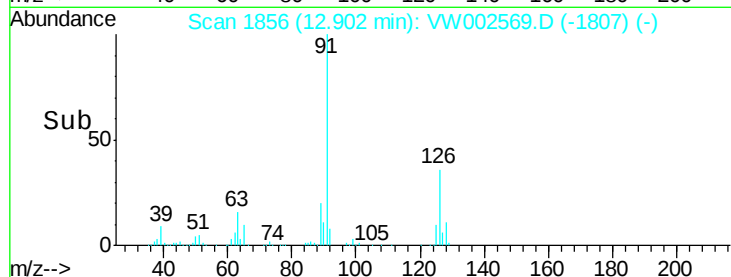
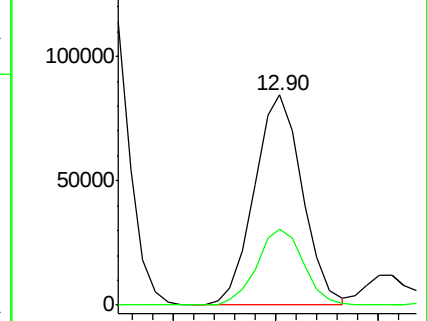
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.01 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002569.D

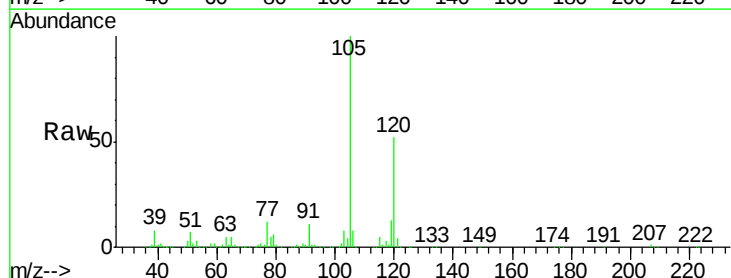
Acq: 16 May 2018 00:57

Tgt Ion:105 Resp: 169443

Ion Ratio Lower Upper

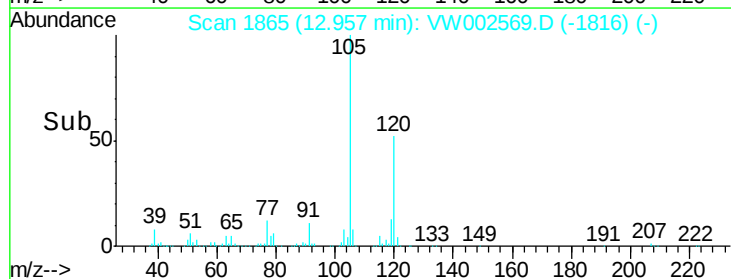
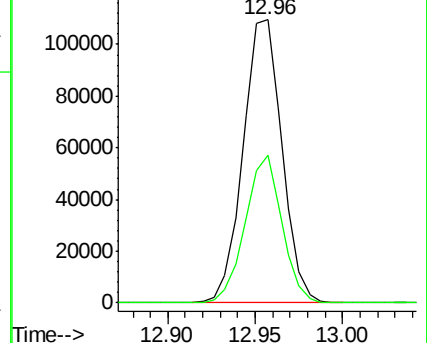
105 100

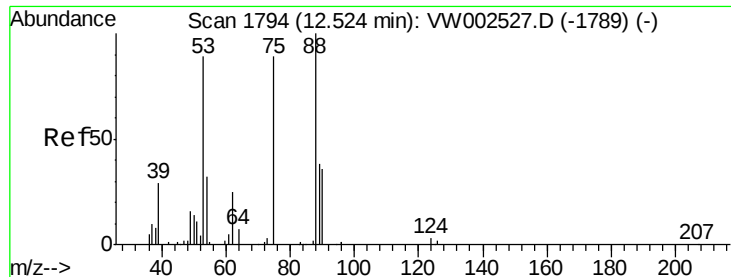
120 49.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.10 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

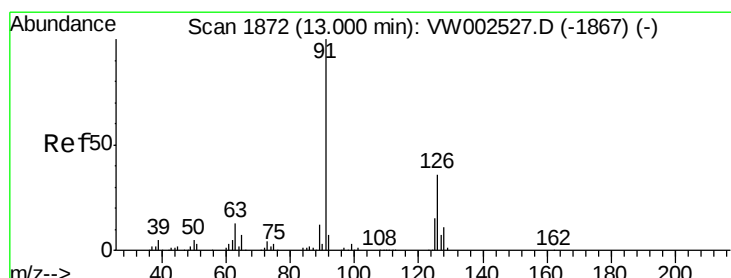
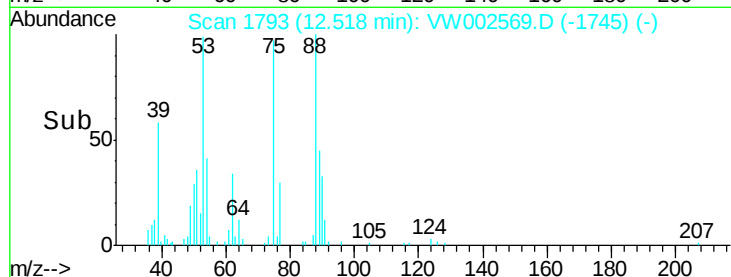
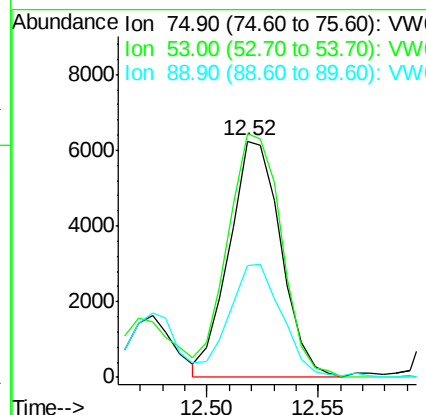
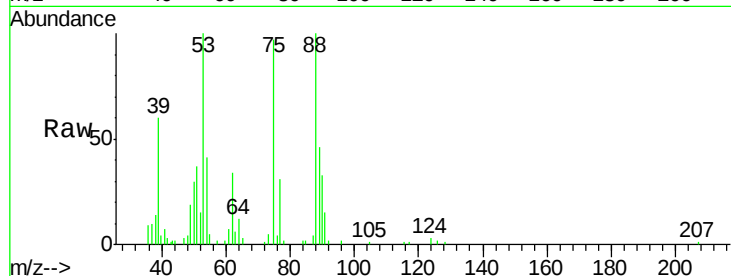
ClientSampleId :

VW0515SBS03

Tot Ion:	75	Resp:	10100
Ion Ratio	Lower	Upper	
75	100		
53	107.5	82.6	124.0
89	49.7	39.2	58.8

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#82

4-Chlorotoluene

Concen: 19.96 ug/l

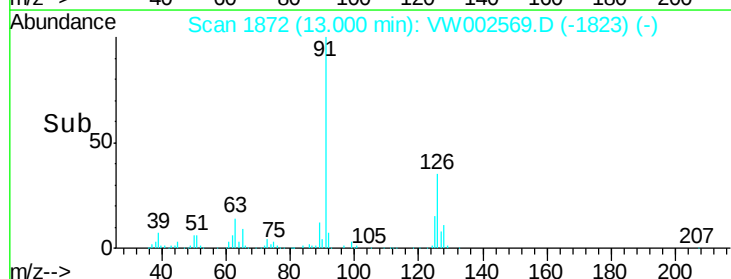
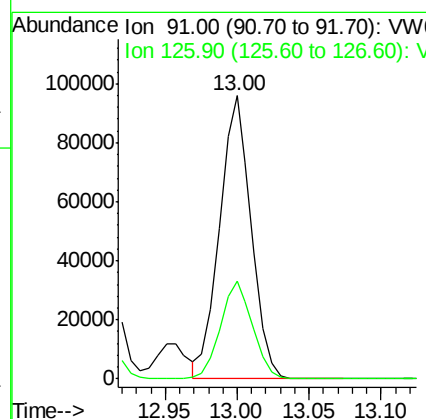
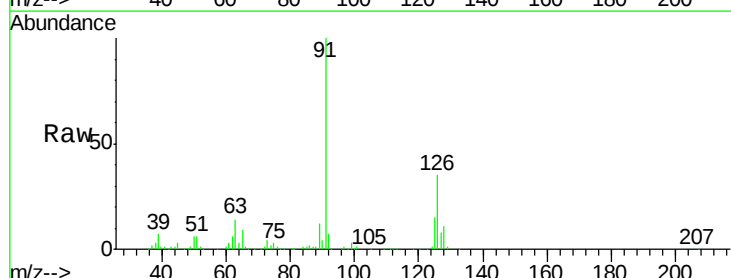
RT: 13.00 min Scan# 1872

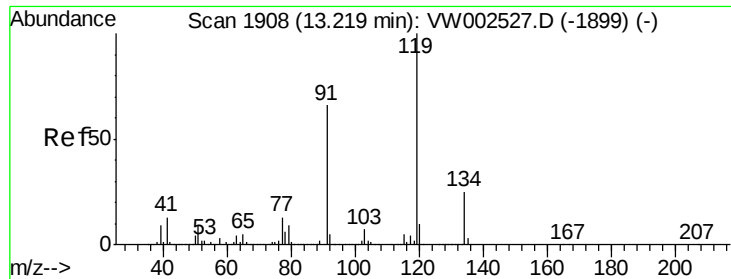
Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion:	91	Resp:	146908
Ion Ratio	Lower	Upper	
91	100		
126	34.9	17.5	52.5





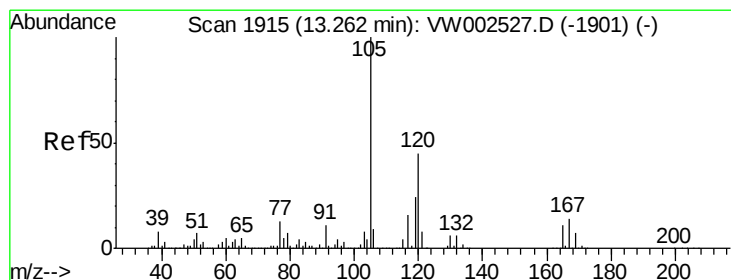
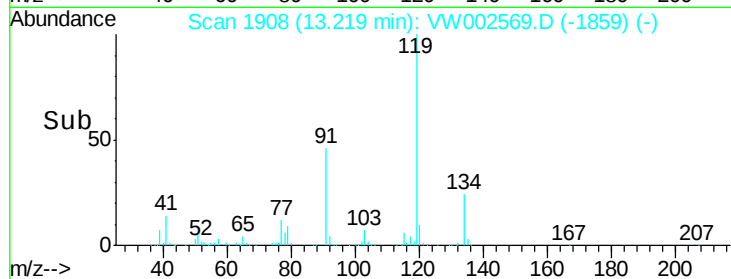
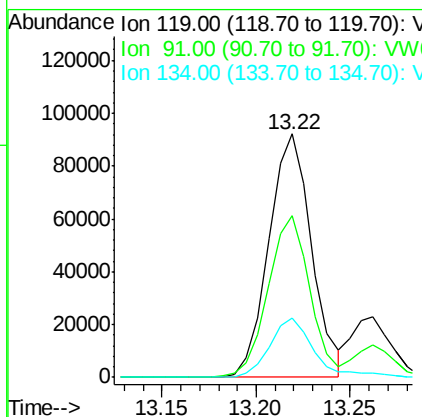
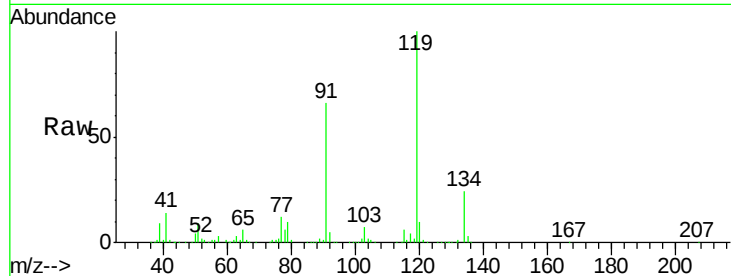
#83
 tert-Butylbenzene
 Concen: 19.77 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.5	97.5
134	25.5	13.2	39.6

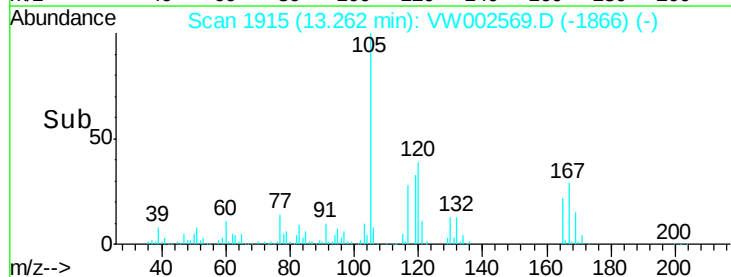
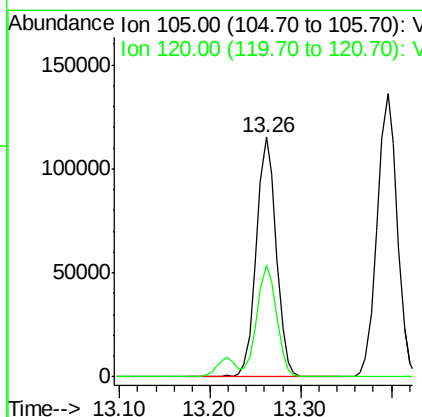
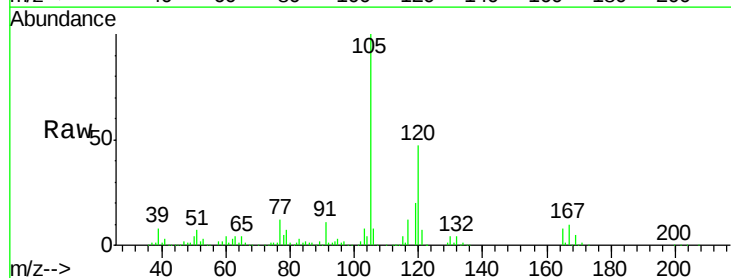
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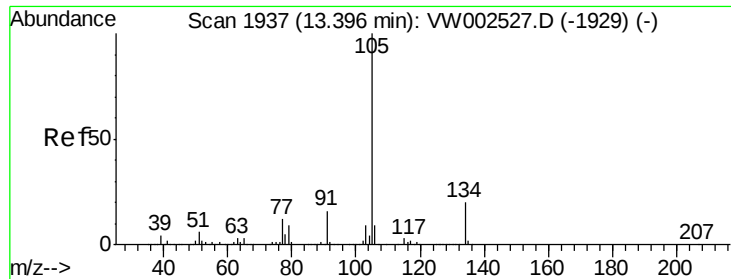
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.98 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.3	66.9





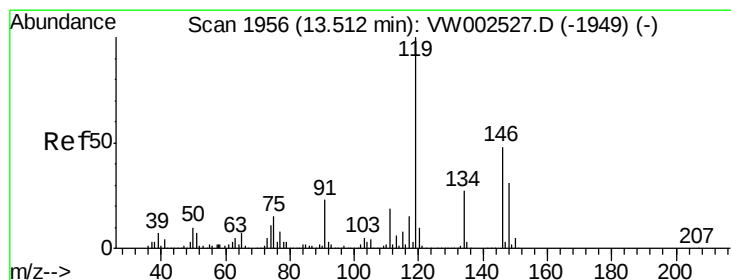
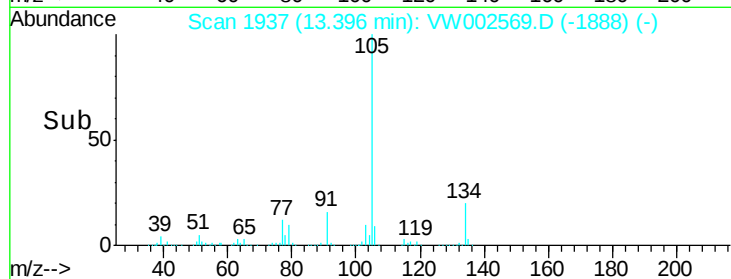
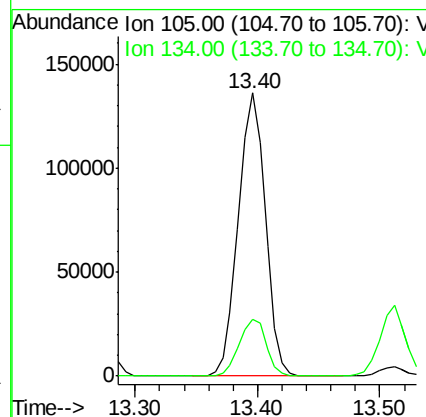
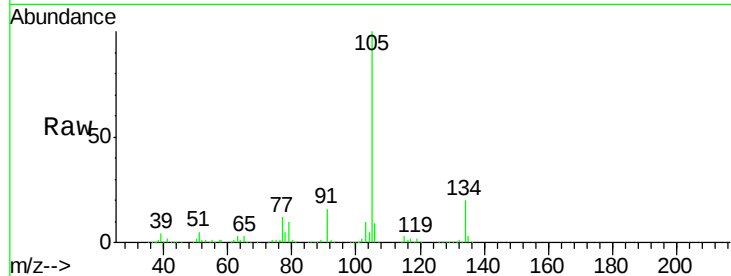
#85
 sec-Butylbenzene
 Concen: 19.80 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.3

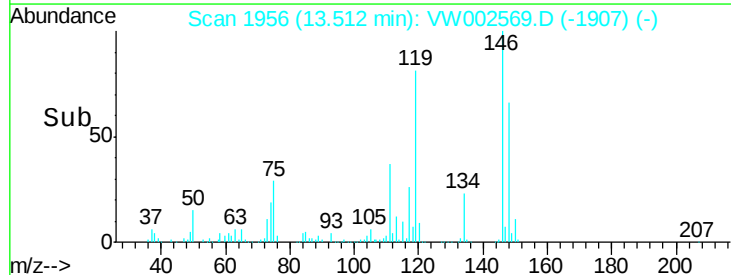
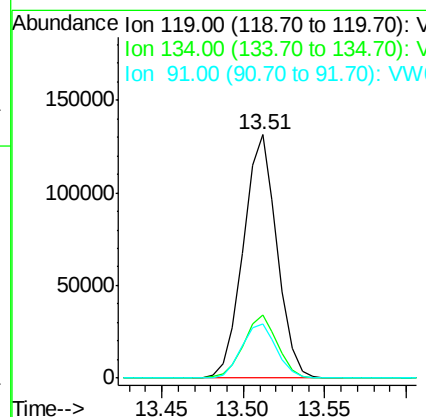
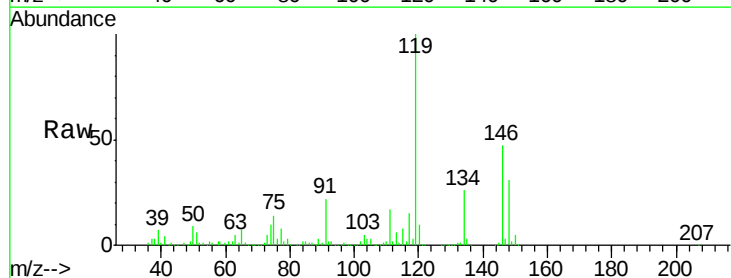
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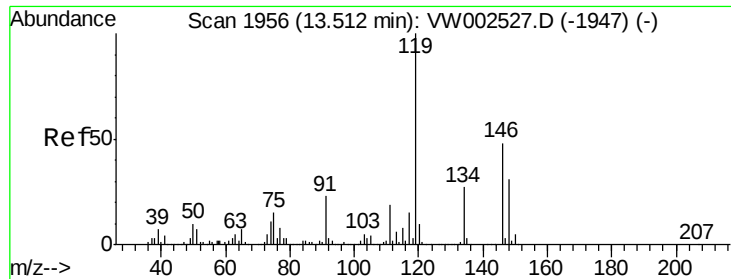
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#86
 p-Isopropyltoluene
 Concen: 19.92 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.4	40.1
91	23.3	11.6	34.8





#87

1,3-Dichlorobenzene

Concen: 20.11 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Instrument :

MSVOA_W

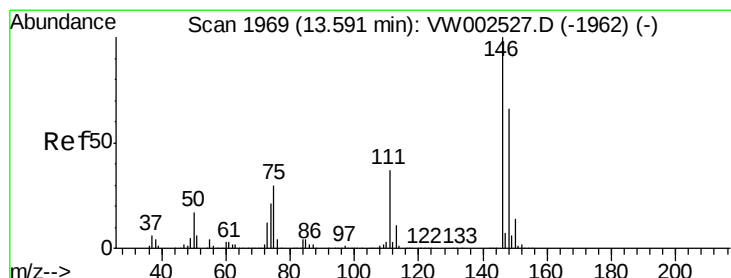
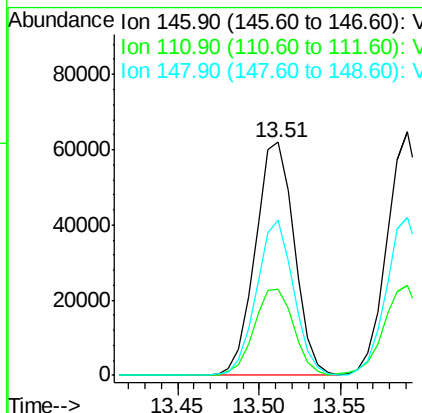
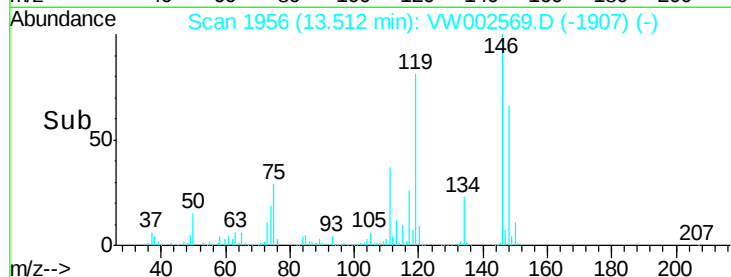
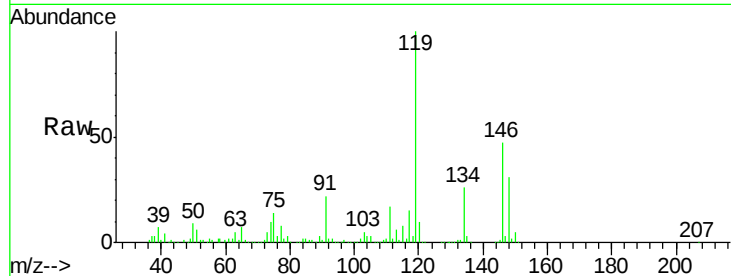
ClientSampleId :

VW0515SBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.6	58.7
148	63.3	32.3	96.8

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#88

1,4-Dichlorobenzene

Concen: 20.18 ug/l

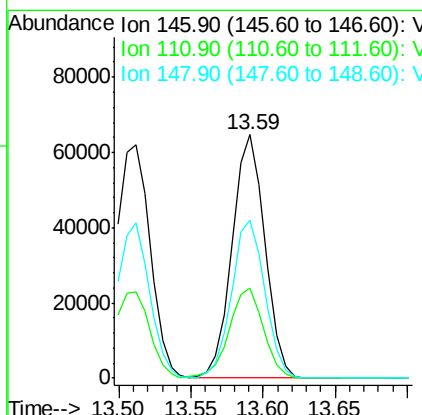
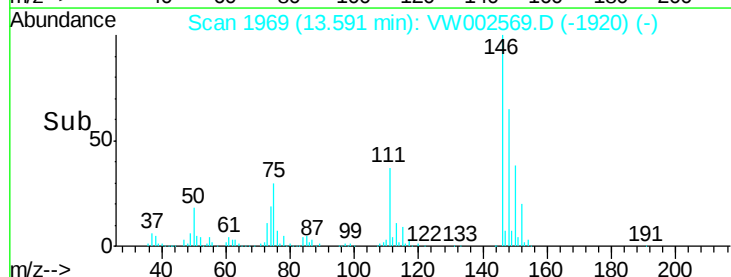
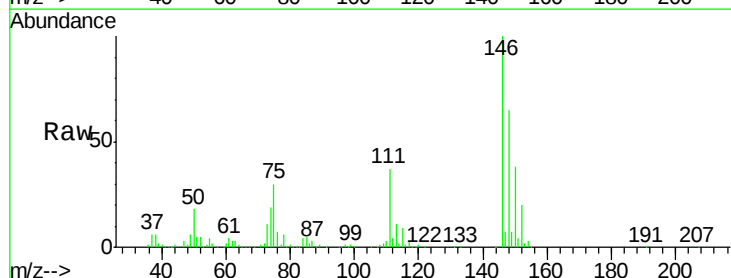
RT: 13.59 min Scan# 1969

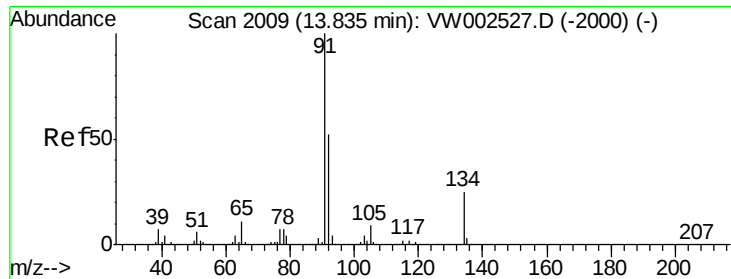
Delta R.T. -0.00 min

Lab File: VW002569.D

Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.5
148	65.8	32.4	97.0





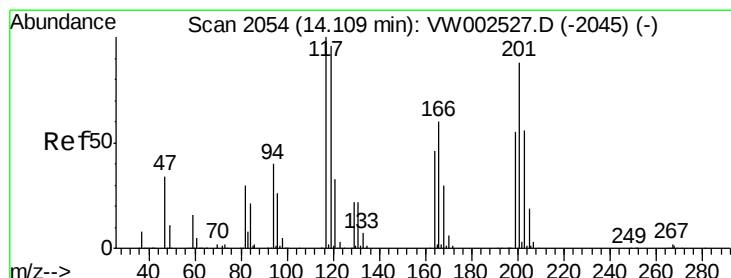
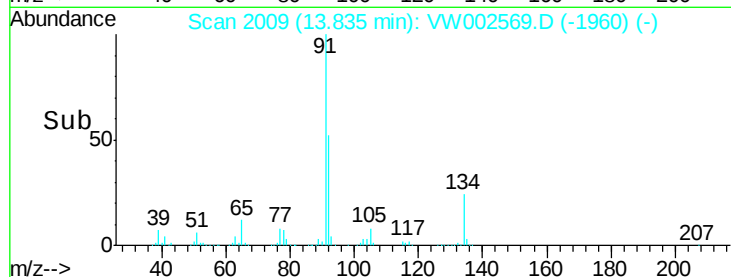
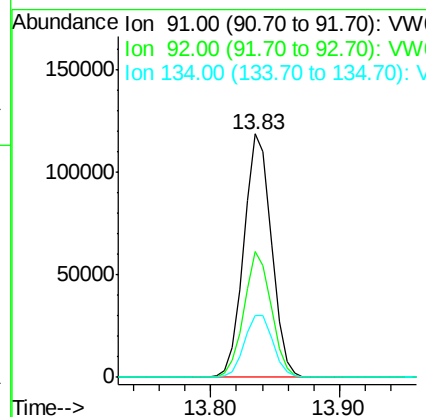
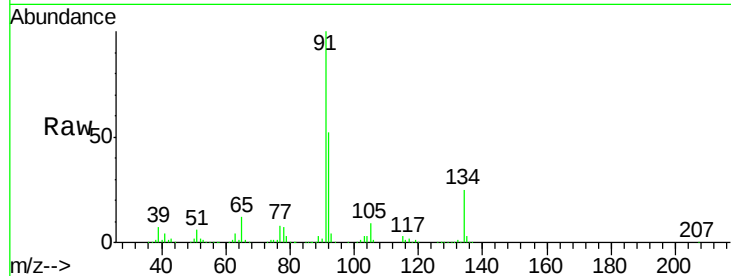
#89
n-Butylbenzene
Concen: 19.55 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.1	78.2
134	26.3	13.1	39.1

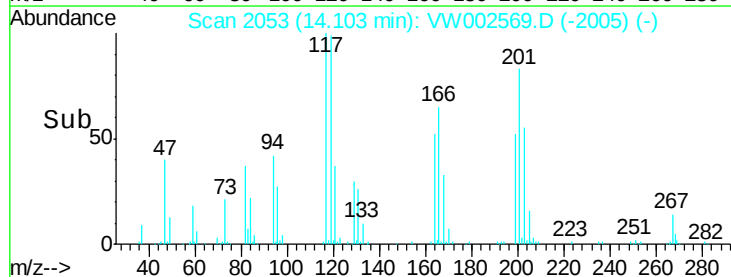
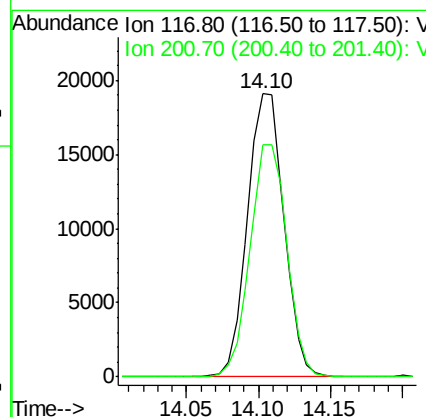
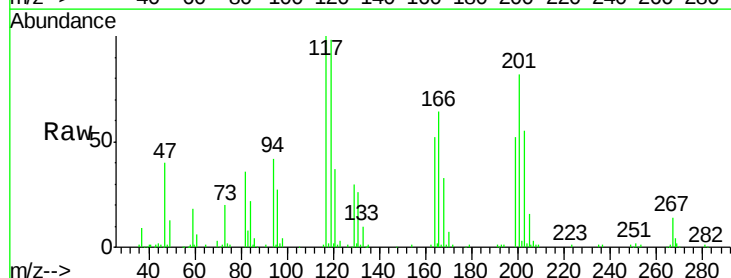
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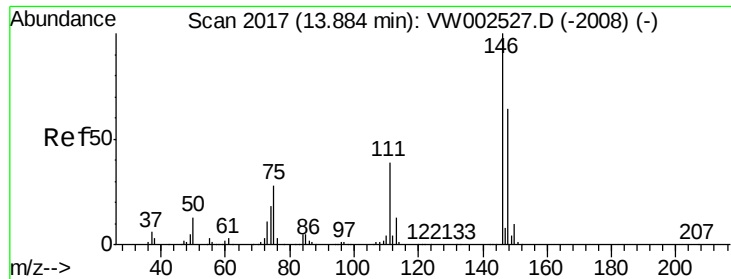
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#90
Hexachloroethane
Concen: 19.76 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.01 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.6	42.0	126.0





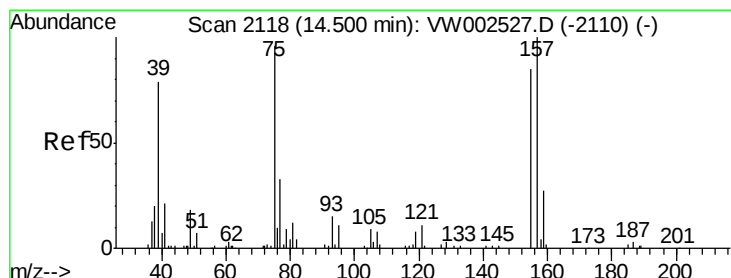
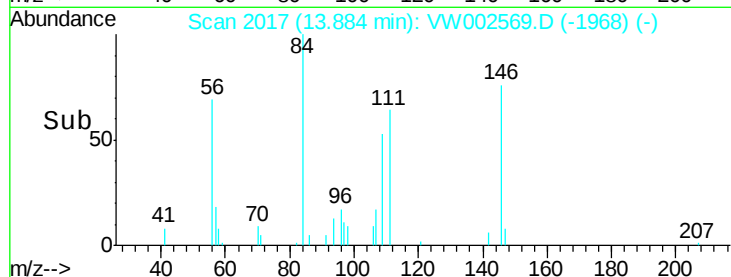
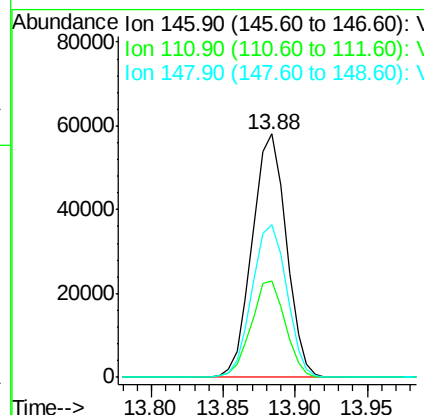
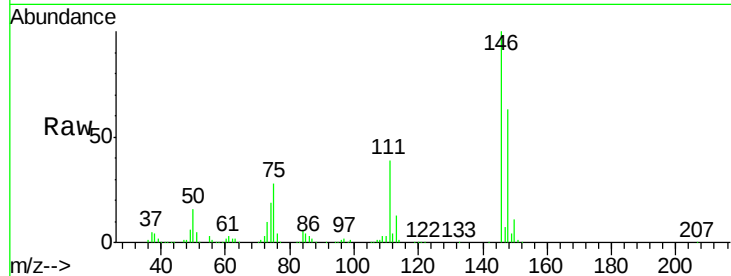
#91
 1,2-Dichlorobenzene
 Concen: 20.46 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.6
148	63.9	32.1	96.3

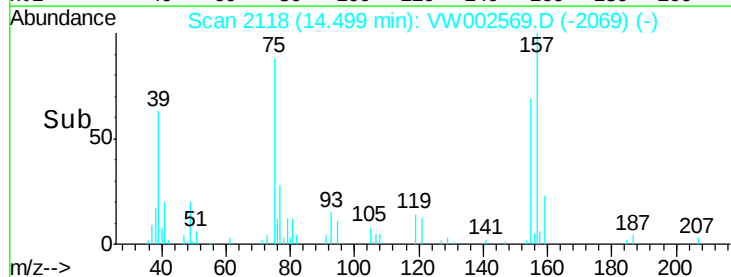
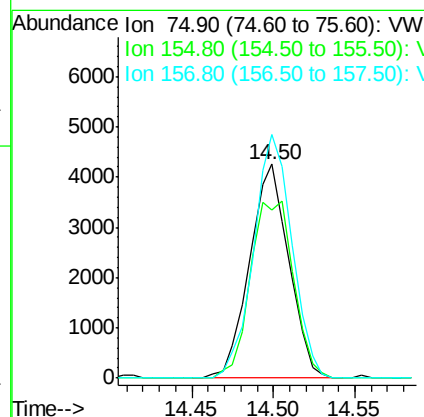
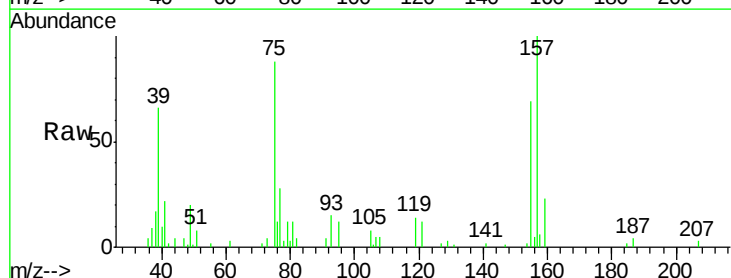
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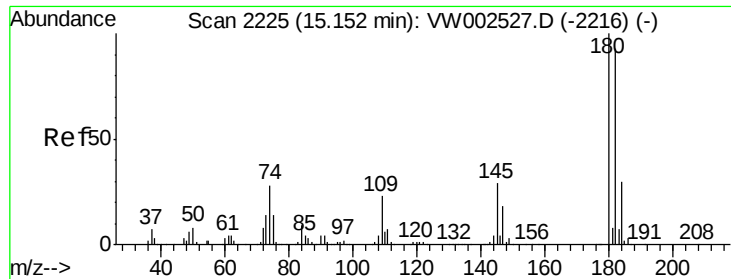
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.08 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	42.8	128.4
157	111.2	57.4	172.0





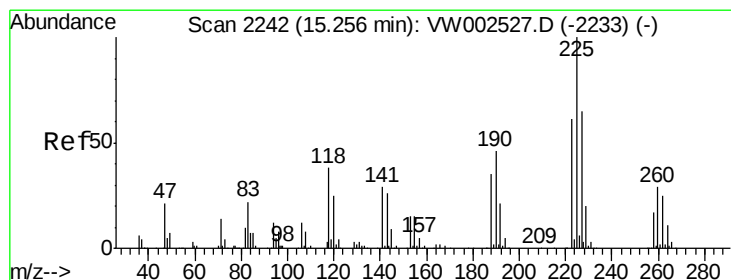
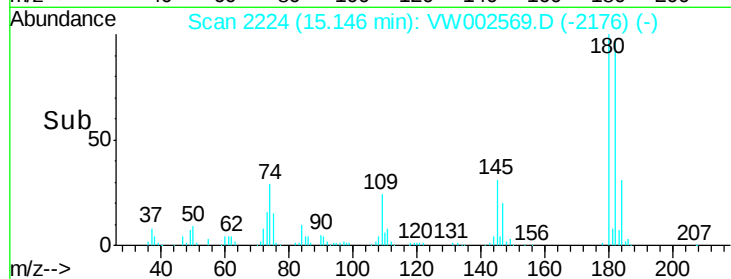
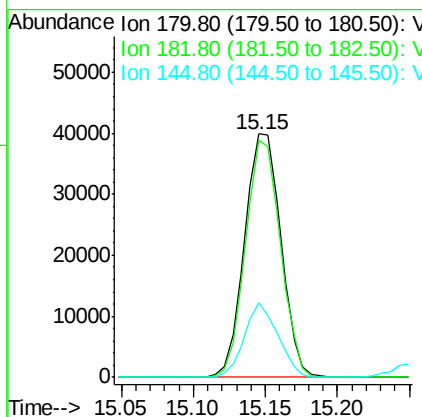
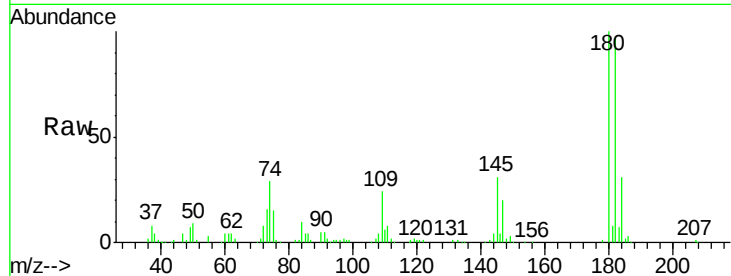
#93
 1,2,4-Trichlorobenzene
 Concen: 20.56 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS03

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.2	141.6
145	28.3	14.9	44.9

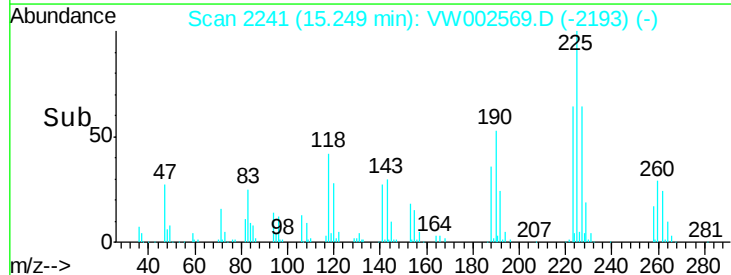
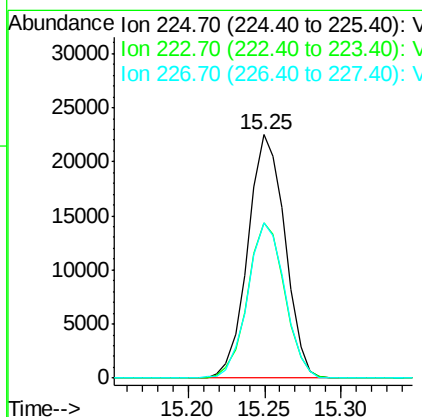
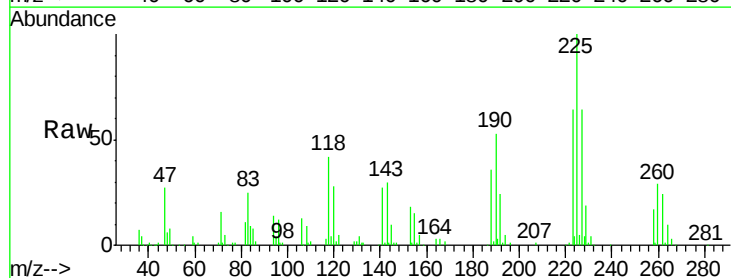
Manual Integrations
 APPROVED

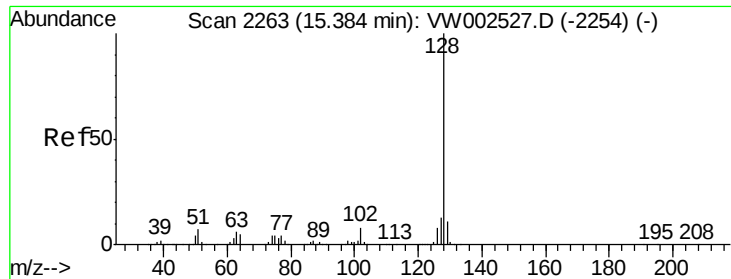
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#94
 Hexachlorobutadiene
 Concen: 20.20 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: VW002569.D
 Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.9
227	63.4	31.9	95.5





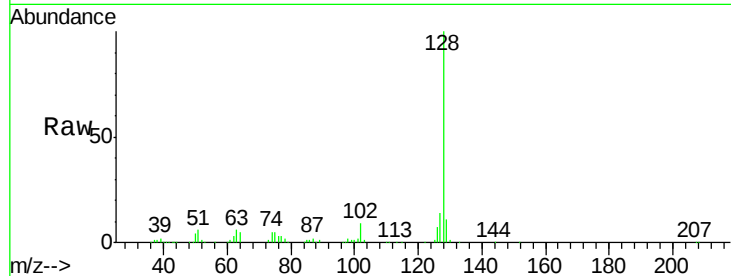
#95
Naphthalene
Concen: 20.84 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VW0515SBS03

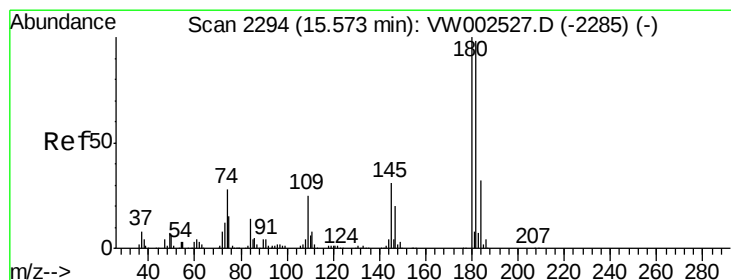
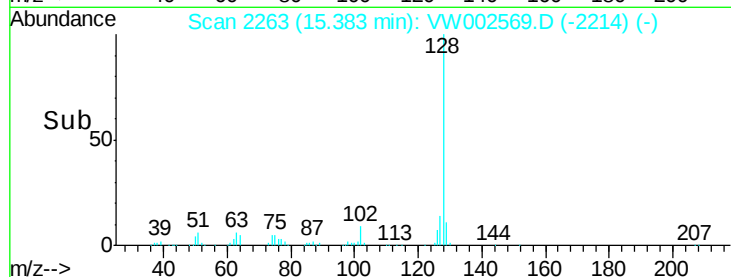
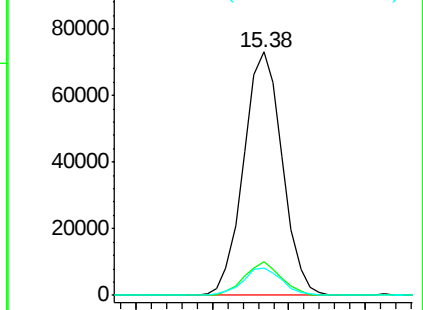
Tot Ion	Ratio	Resp	Lower	Upper
128	100	128180		
127	13.1	10.6	15.8	
129	11.3	8.9	13.3	

Manual Integrations
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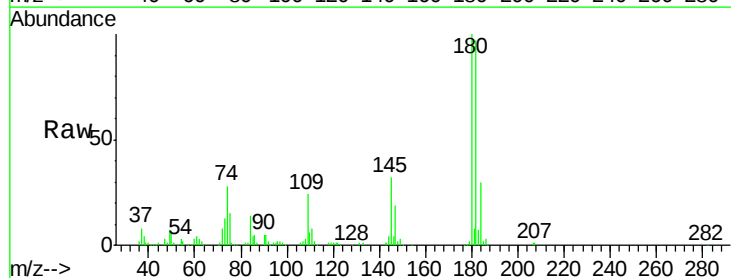


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.74 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002569.D
Acq: 16 May 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	62786		
182	95.6	47.3	141.8	
145	31.2	15.5	46.5	



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

