

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005130.D
 Acq On : 05 Sep 2018 15:46
 Operator : SY/AP
 Sample : VW0905SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Manual Integrations
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 9/6/2018 12:02:31 PM

Quant Time: Sep 05 16:44:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	588125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	848333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	831079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	450585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	267370	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.89	113	261066	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	10.33	98	1246300	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.62	95	459221	57.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	116740	24.63	ug/l	98
3) Chloromethane	2.21	50	169176	24.60	ug/l	99
4) Vinyl Chloride	2.36	62	164705	24.63	ug/l	100
5) Bromomethane	2.76	94	91435	19.45	ug/l	94
6) Chloroethane	2.91	64	96450	23.17	ug/l	98
7) Trichlorofluoromethane	3.26	101	178315	23.70	ug/l	100
8) Diethyl Ether	3.68	74	62413	22.93	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120291	23.28	ug/l	99
10) Methyl Iodide	4.28	142	115032	17.58	ug/l	100
11) Tert butyl alcohol	5.20	59	43827	159.14	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	109839	23.10	ug/l	94
13) Acrolein	3.90	56	36517	115.40	ug/l	99
14) Allyl chloride	4.67	41	177406	23.86	ug/l	98
15) Acrylonitrile	5.38	53	133003	115.84	ug/l	100
16) Acetone	4.14	43	114594	117.20	ug/l	96
17) Carbon Disulfide	4.38	76	380786	22.98	ug/l	99
18) Methyl Acetate	4.68	43	60238	20.94	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	272630	23.61	ug/l	100
20) Methylene Chloride	4.92	84	169620	23.63	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	126106	21.76	ug/l	96
22) Diisopropyl ether	6.32	45	366719	23.44	ug/l	99
23) Vinyl Acetate	6.26	43	1034787	125.94	ug/l	98
24) 1,1-Dichloroethane	6.22	63	217491	22.24	ug/l	99
25) 2-Butanone	7.18	43	202034	119.13	ug/l	97
26) 2,2-Dichloropropane	7.17	77	195331	24.31	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	137155	21.64	ug/l	94
28) Bromochloromethane	7.52	49	85115	21.63	ug/l	94
29) Tetrahydrofuran	7.54	42	101942	117.65	ug/l	98
30) Chloroform	7.68	83	214589	21.50	ug/l	98
31) Cyclohexane	7.96	56	236530	24.70	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	194297	22.35	ug/l	99
36) 1,1-Dichloropropene	8.09	75	191739	23.73	ug/l	98
37) Ethyl Acetate	7.26	43	75626	25.03	ug/l	99
38) Carbon Tetrachloride	8.07	117	173075	22.53	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	232133	23.76	ug/l	100
40) Benzene	8.33	78	540865	21.87	ug/l	99
41) Methacrylonitrile	7.49	41	44561	25.45	ug/l	95
42) 1,2-Dichloroethane	8.40	62	130019	21.48	ug/l	100
43) Isopropyl Acetate	8.43	43	133163	24.22	ug/l	98
44) Trichloroethene	9.10	130	146558	21.96	ug/l	98
45) 1,2-Dichloropropane	9.37	63	136395	22.57	ug/l	100
46) Dibromomethane	9.46	93	62368	21.59	ug/l	96
47) Bromodichloromethane	9.65	83	159767	21.96	ug/l	95
48) Methyl methacrylate	9.44	41	61687	23.30	ug/l	95
49) 1,4-Dioxane	9.47	88	21735	465.17	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	441388	119.78	ug/l	99
52) Toluene	10.39	92	365227	21.79	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	163445	22.86	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	202850	23.33	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	97133	21.71	ug/l	99
56) Ethyl methacrylate	10.65	69	117578	23.04	ug/l	98
57) 1,3-Dichloropropane	10.94	76	165290	22.44	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	275158	113.78	ug/l	97
59) 2-Hexanone	10.98	43	311891	125.14	ug/l	97
60) Dibromochloromethane	11.13	129	107389	21.23	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88126	21.82	ug/l	99
64) Tetrachloroethene	10.87	164	128848	19.76	ug/l	97
65) Chlorobenzene	11.66	112	400665	21.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	119433	20.89	ug/l	100
67) Ethyl Benzene	11.74	91	708167	22.39	ug/l	100
68) m/p-Xylenes	11.85	106	573715	45.30	ug/l	99
69) o-Xylene	12.17	106	262871	22.45	ug/l	99
70) Styrene	12.19	104	428966	22.18	ug/l	99
71) Bromoform	12.35	173	62713	20.70	ug/l #	98
73) Isopropylbenzene	12.47	105	712874	22.44	ug/l	100
74) N-amyl acetate	12.28	43	133090	24.33	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	107235	22.17	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	76907m	22.74	ug/l	
77) Bromobenzene	12.76	156	163810	20.93	ug/l	95
78) n-propylbenzene	12.81	91	886907	23.12	ug/l	99
79) 2-Chlorotoluene	12.90	91	500357	22.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	621429	22.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	31126	22.15	ug/l	95
82) 4-Chlorotoluene	12.99	91	526110	22.27	ug/l	99
83) tert-Butylbenzene	13.21	119	516979	22.53	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	626981	22.41	ug/l	99
85) sec-Butylbenzene	13.39	105	771597	22.88	ug/l	99
86) p-Isopropyltoluene	13.51	119	682429	22.86	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	338621	21.06	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	339691	21.30	ug/l	99
89) n-Butylbenzene	13.83	91	650262	23.51	ug/l	99
90) Hexachloroethane	14.10	117	101777	20.53	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	301212	21.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16682	22.07	ug/l	97

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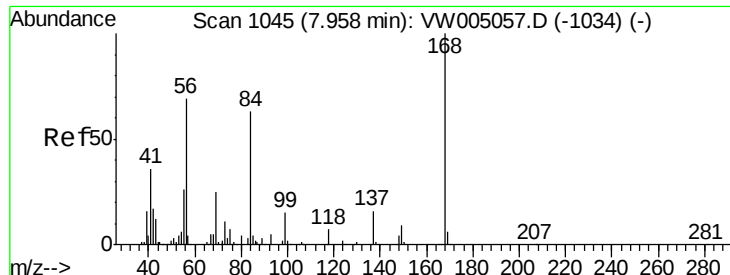
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	207268	22.05	ug/l	99
94) Hexachlorobutadiene	15.25	225	130474	22.32	ug/l	98
95) Naphthalene	15.38	128	339805	23.23	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	176631	21.96	ug/l	99

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



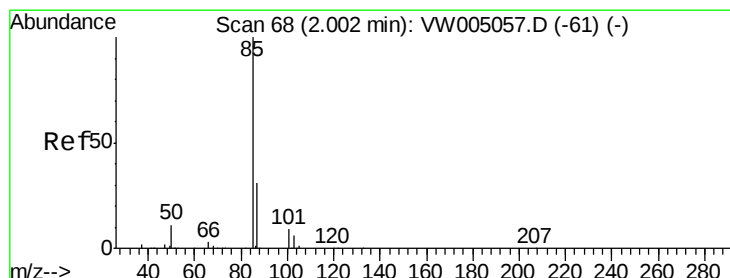
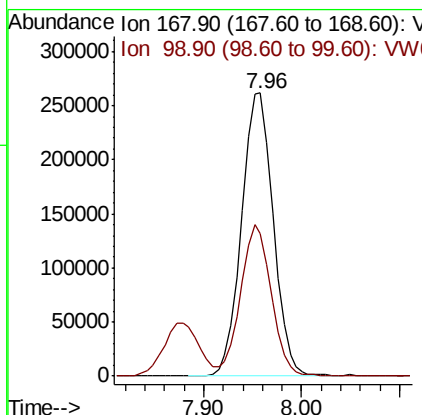
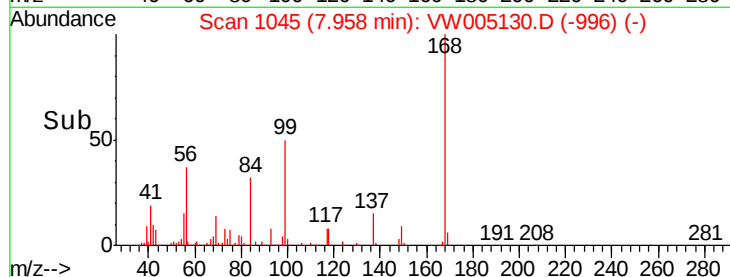
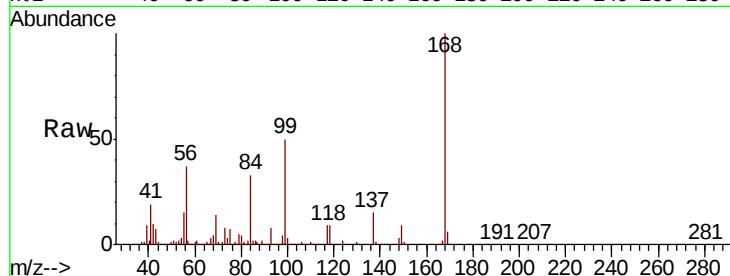
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.4	59.0

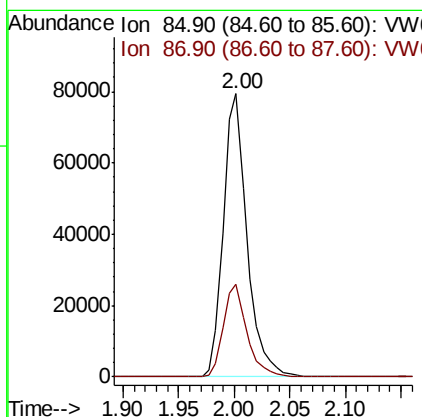
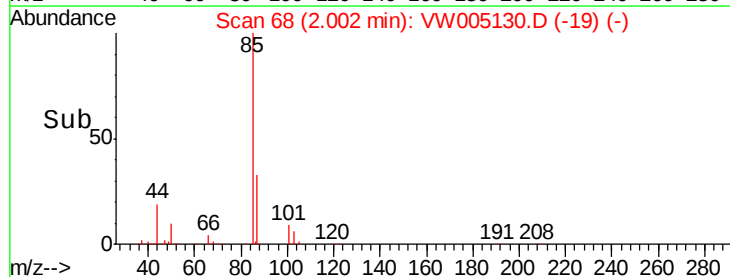
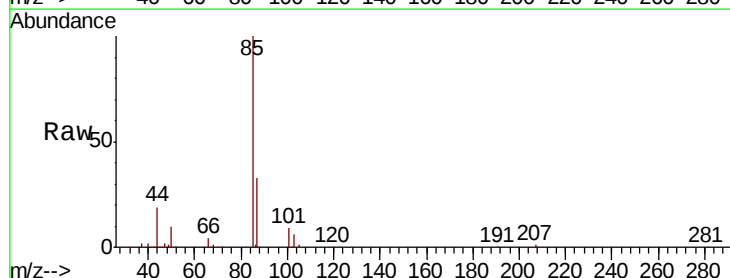
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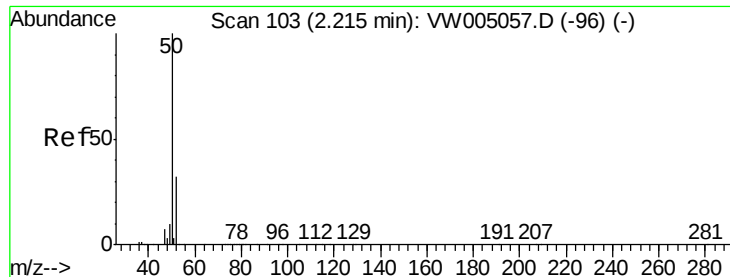
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#2
Dichlorodifluoromethane
Concen: 24.63 ug/l
RT: 2.00 min Scan# 68
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.8	47.3





#3

Chloromethane

Concen: 24.60 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

ClientSampled :

VW0905SBS01

Tot Ion: 50 Resp: 169176

Ion Ratio Lower Upper

50 100

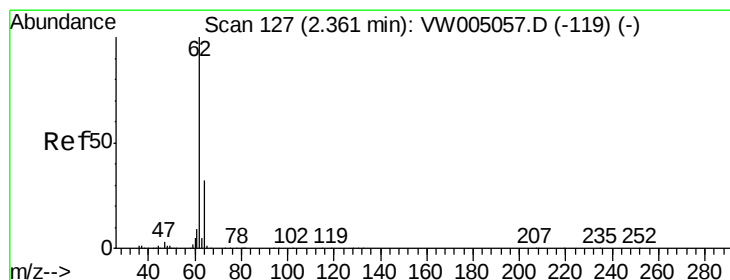
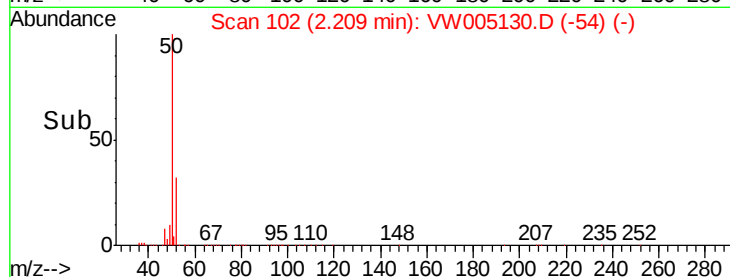
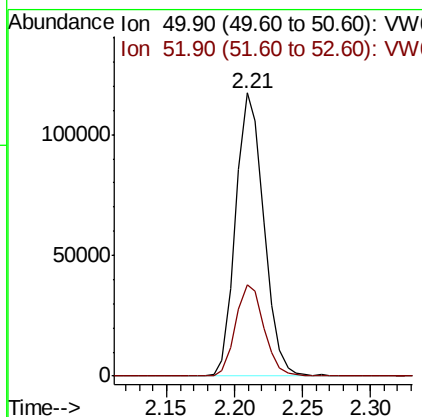
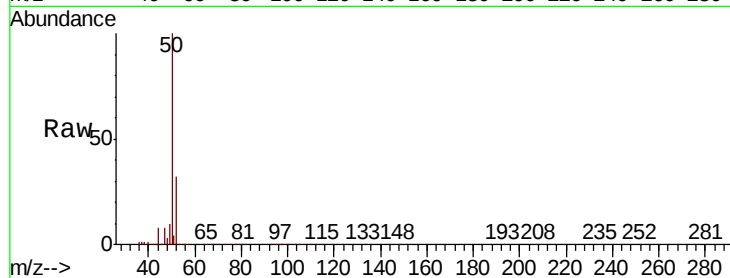
52 32.5 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.63 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005130.D

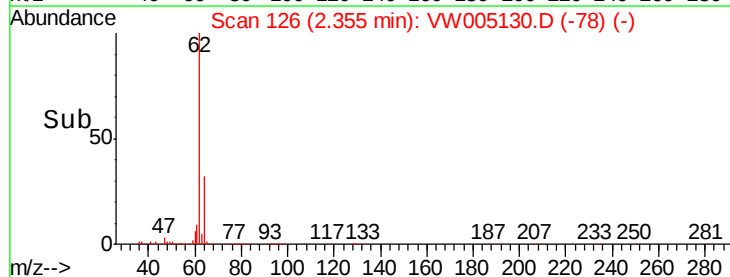
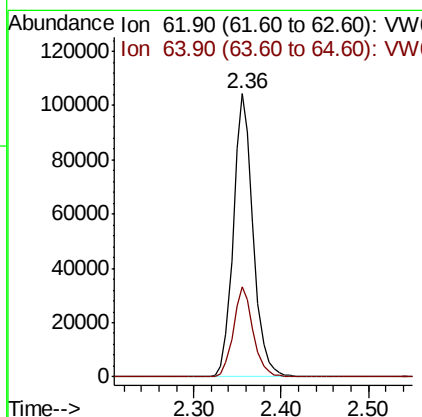
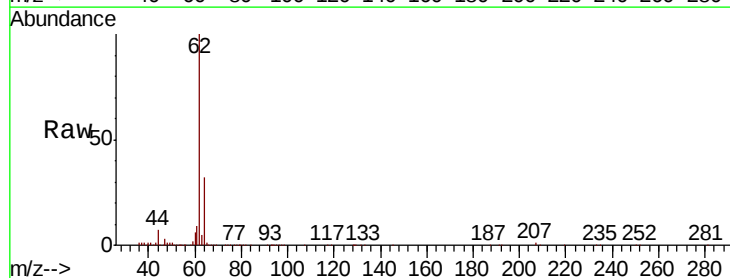
Acq: 05 Sep 2018 15:46

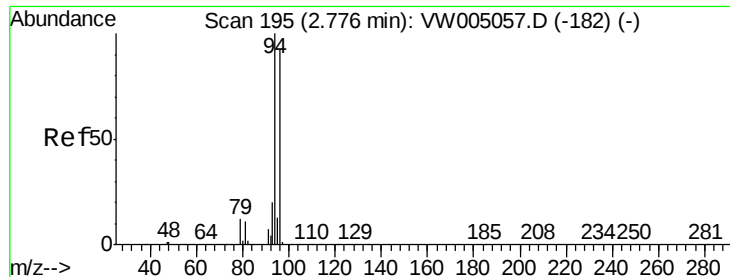
Tgt Ion: 62 Resp: 164705

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 19.45 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS01

Tot Ion: 94 Resp: 91435

Ion Ratio Lower Upper

94 100

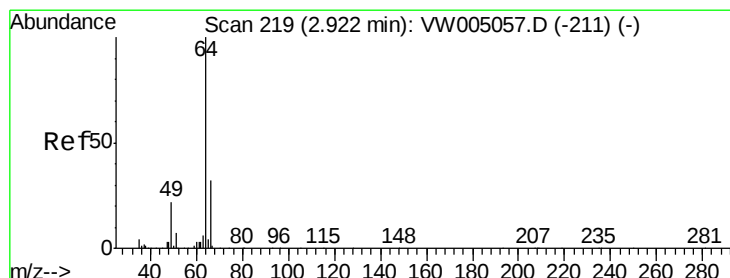
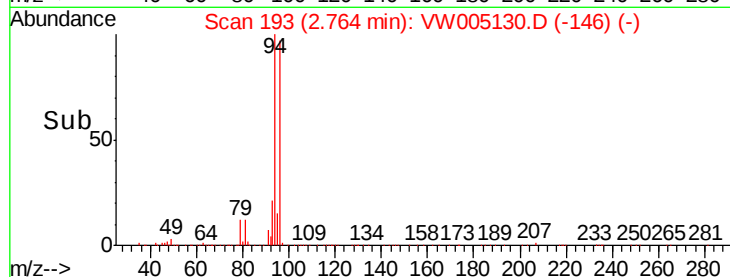
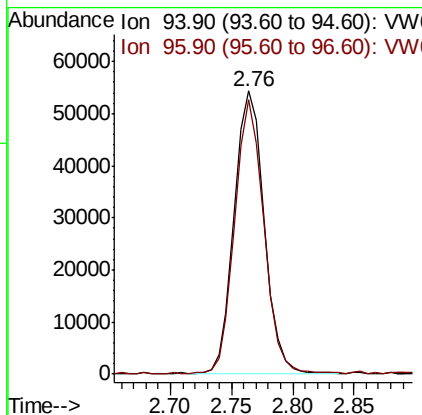
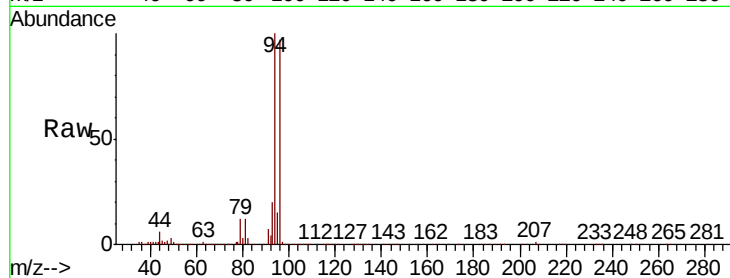
96 96.9 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 23.17 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW005130.D

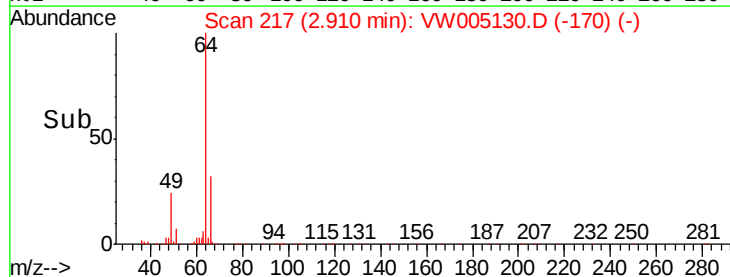
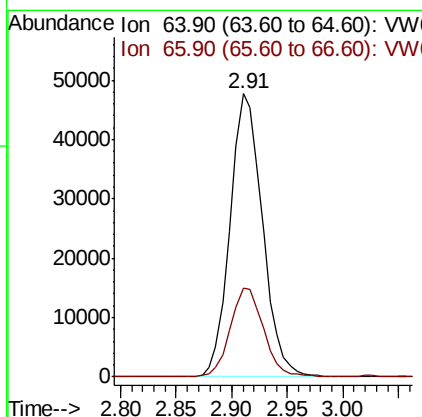
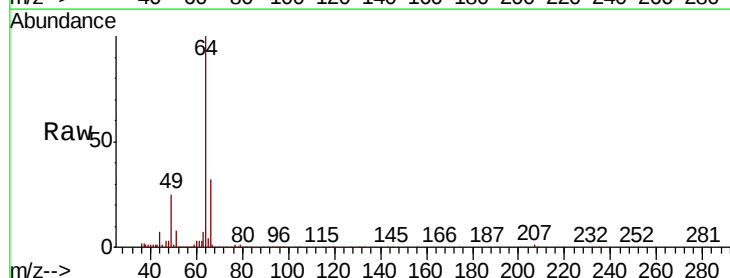
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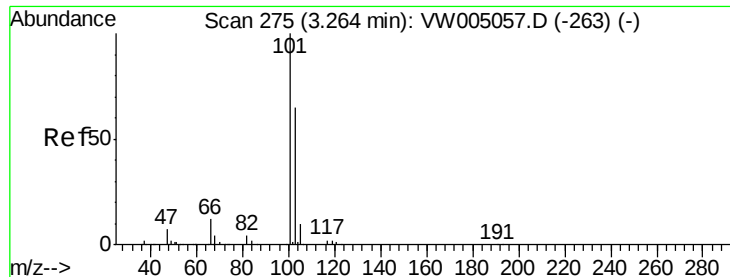
Tgt Ion: 64 Resp: 96450

Ion Ratio Lower Upper

64 100

66 31.2 25.7 38.5





#7

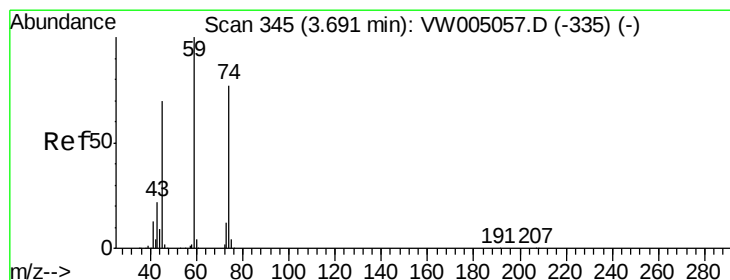
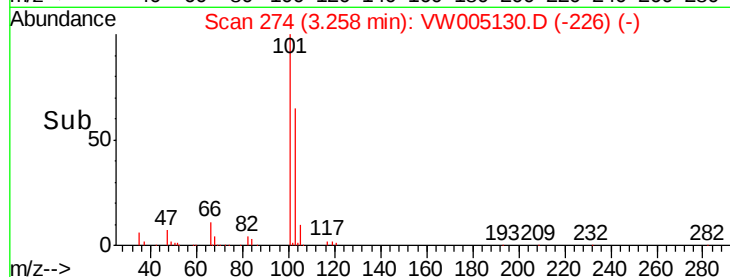
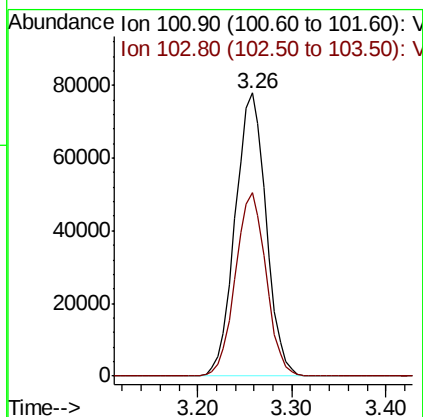
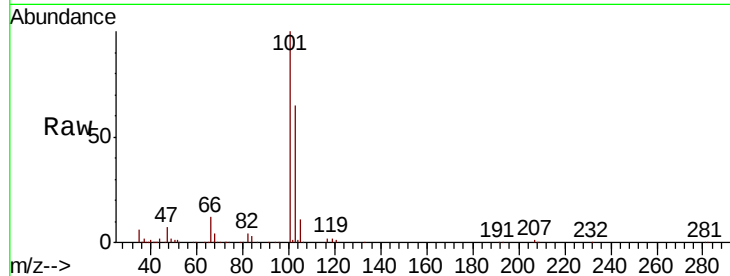
Trichlorofluoromethane
 Concen: 23.70 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.01 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		178315		
103	64.8	51.9	77.9		

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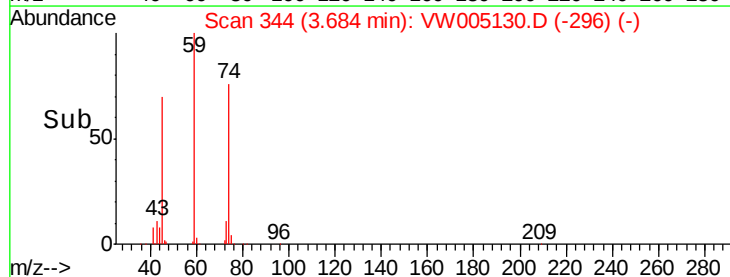
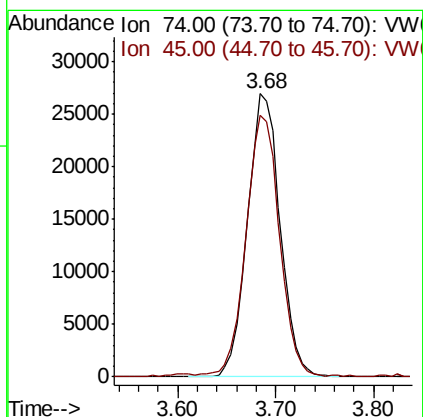
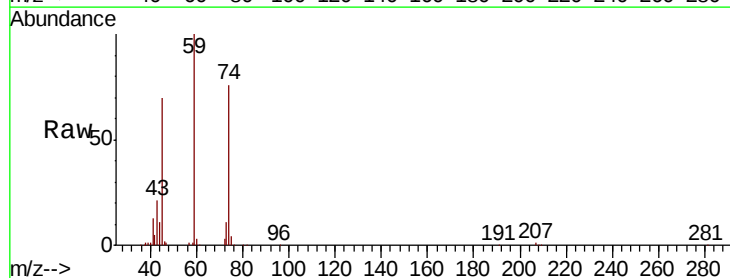
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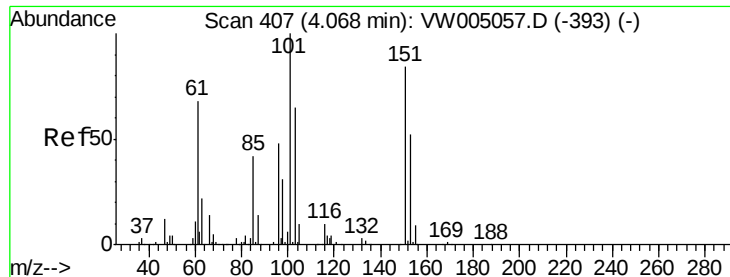


#8

Diethyl Ether
 Concen: 22.93 ug/l
 RT: 3.68 min Scan# 344
 Delta R.T. -0.01 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		62413		
45	94.1	46.0	137.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.28 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

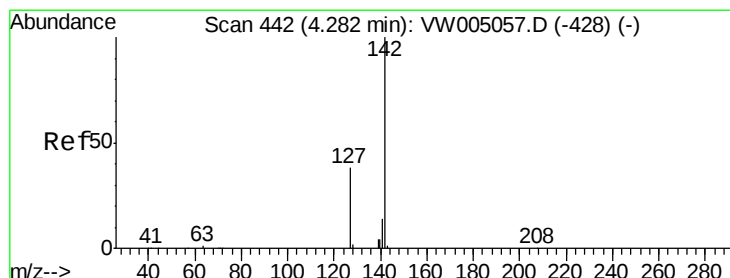
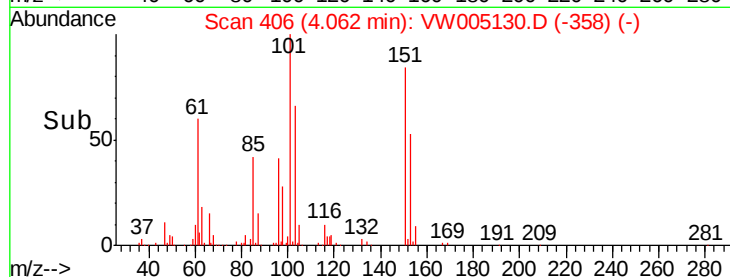
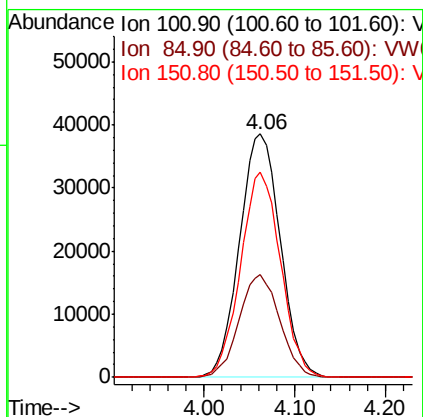
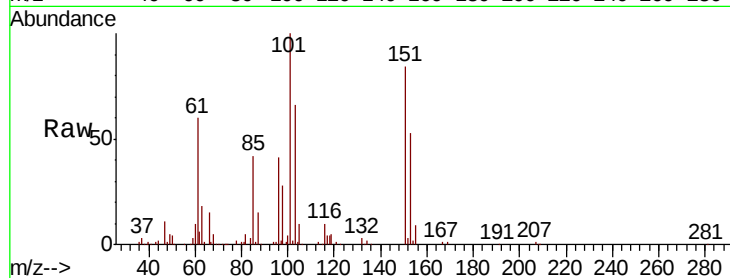
ClientSampleId :

VW0905SBS01

Tot Ion:	101	Resp:	120291
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.0	49.6
151	82.5	67.0	100.6

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#10

Methyl Iodide

Concen: 17.58 ug/l

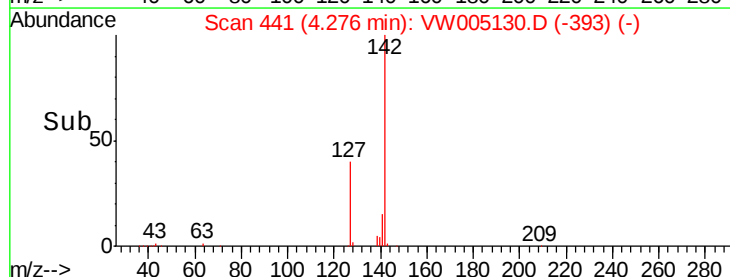
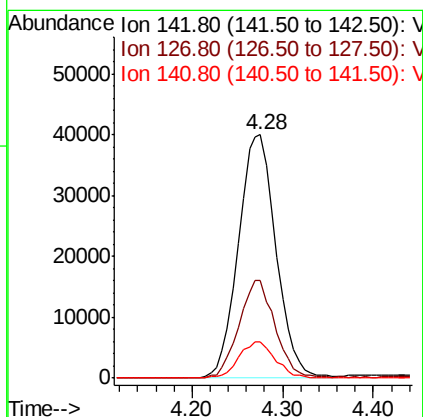
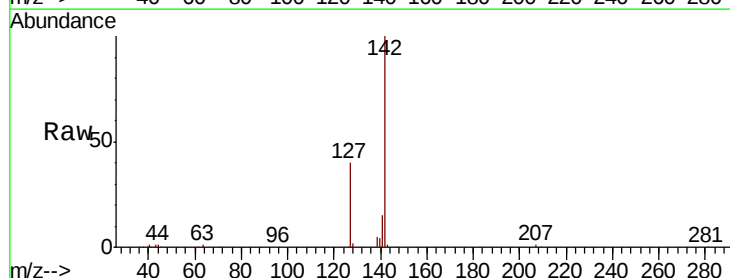
RT: 4.28 min Scan# 441

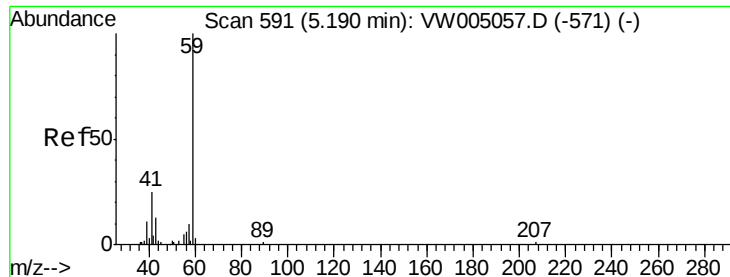
Delta R.T. -0.01 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Tgt Ion:	142	Resp:	115032
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.8	46.2
141	14.4	11.6	17.4





#11

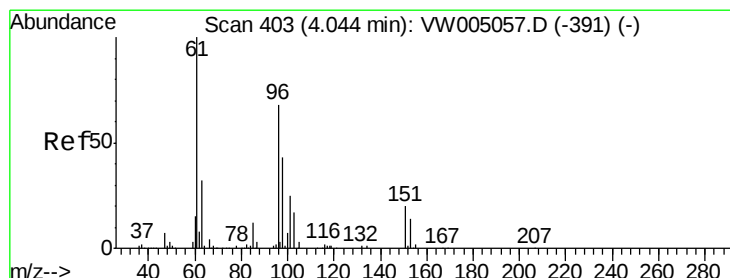
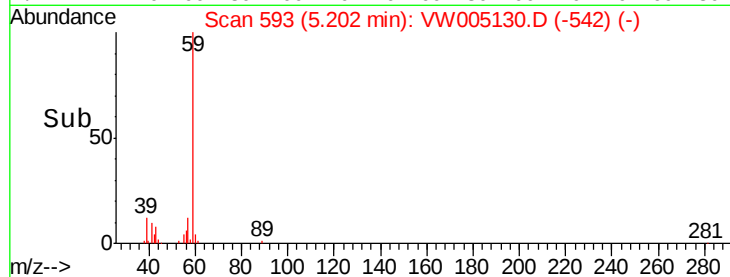
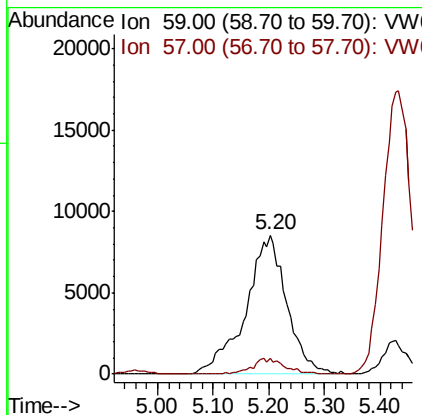
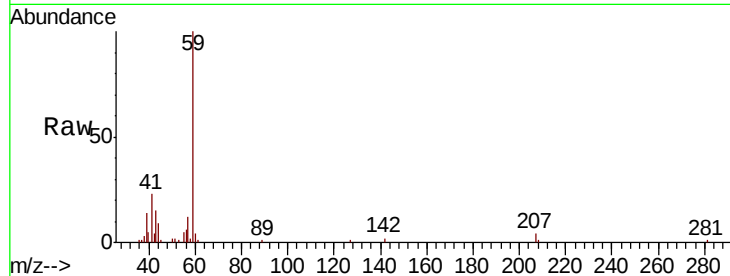
Tert butyl alcohol
Concen: 159.14 ug/l
RT: 5.20 min Scan# 593
Delta R.T. 0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.2	8.6	12.8#

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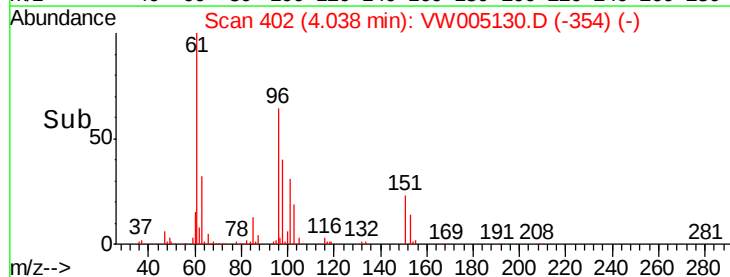
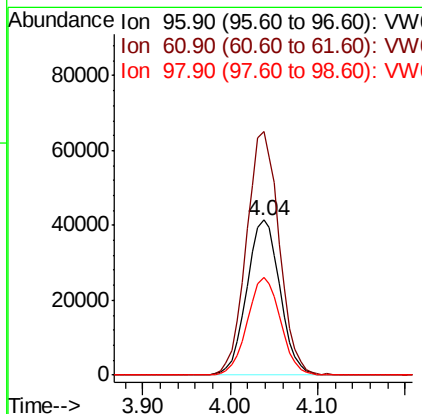
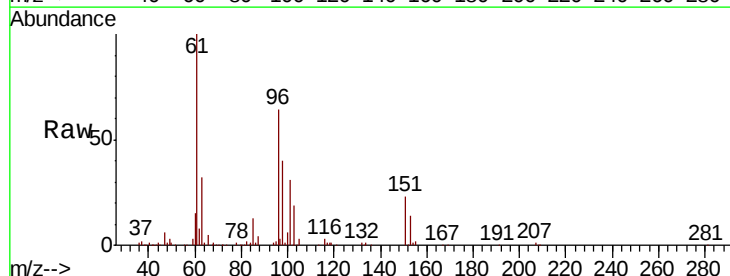
apatel
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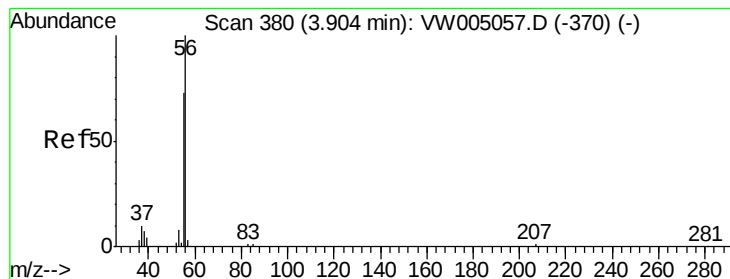


#12

1,1-Dichloroethene
Concen: 23.10 ug/l
RT: 4.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	117.4	176.0
98	62.9	51.0	76.4





#13

Acrolein

Concen: 115.40 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS01

Tot Ion: 56 Resp: 36517

Ion Ratio Lower Upper

56 100

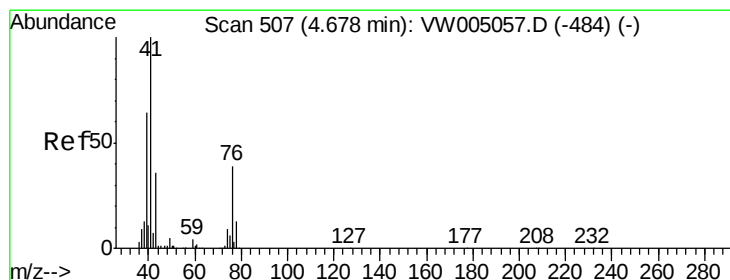
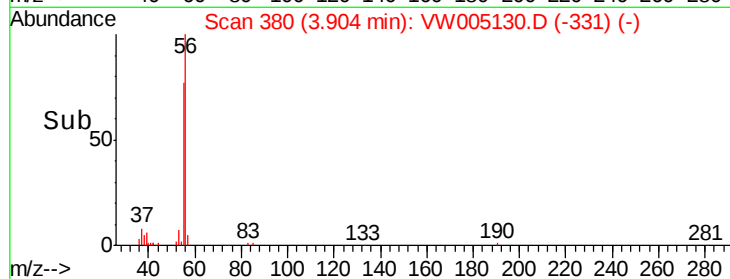
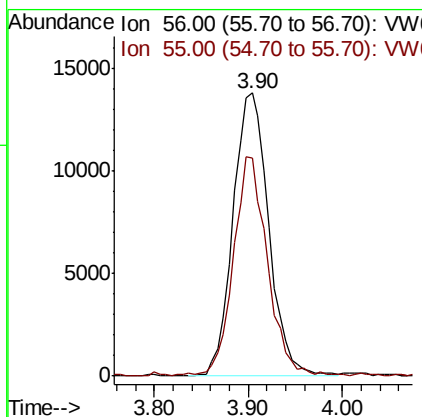
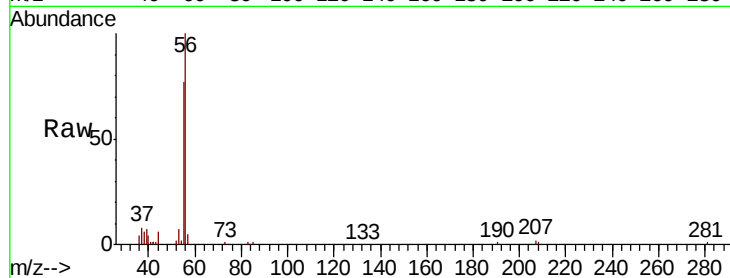
55 73.6 58.1 87.1

Manual Integrations

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#14

Allyl chloride

Concen: 23.86 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

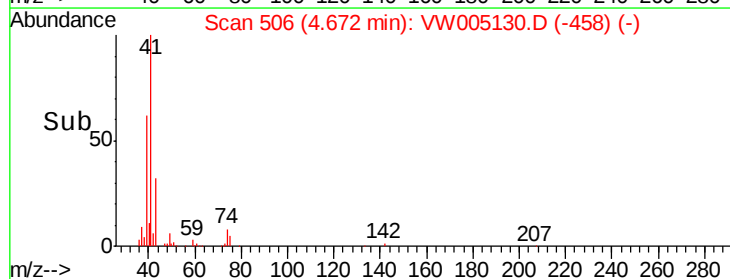
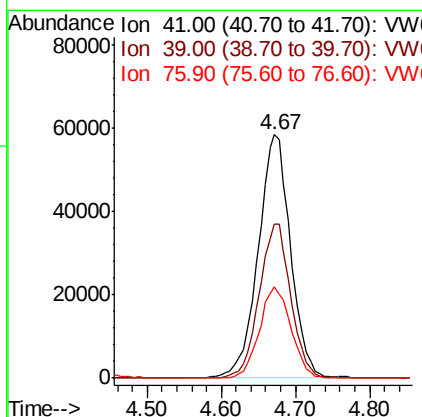
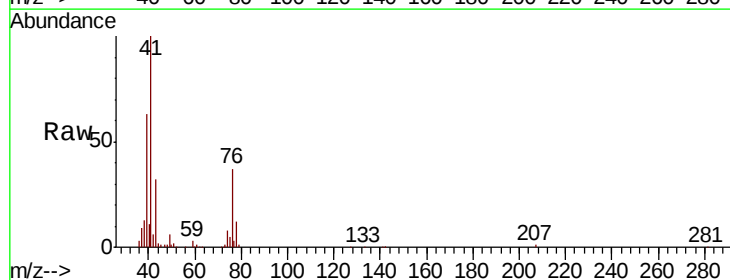
Tgt Ion: 41 Resp: 177406

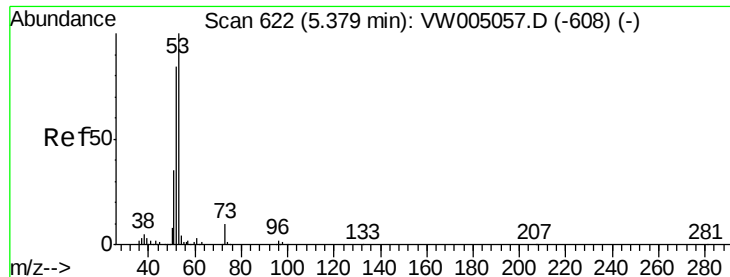
Ion Ratio Lower Upper

41 100

39 61.9 49.4 74.2

76 36.4 31.8 47.6





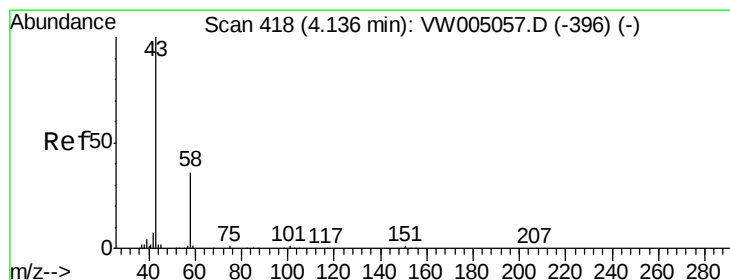
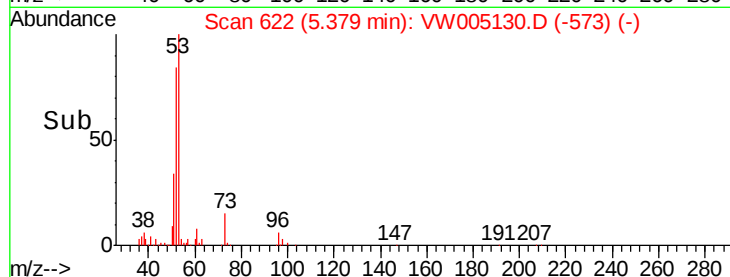
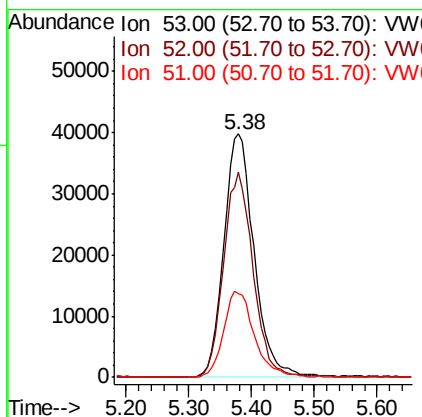
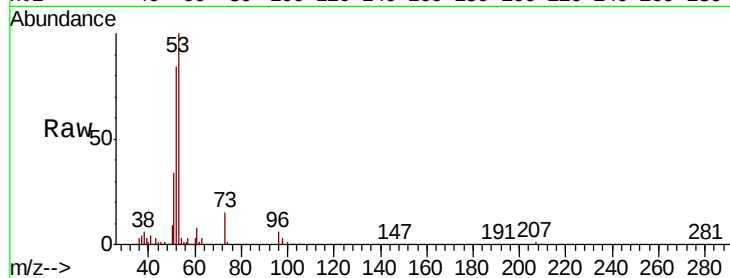
#15
 Acrylonitrile
 Concen: 115.84 ug/l
 RT: 5.38 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0905SBS01

Tot Ion:	53	Resp:	133003
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.7	98.5
51	35.8	28.8	43.2

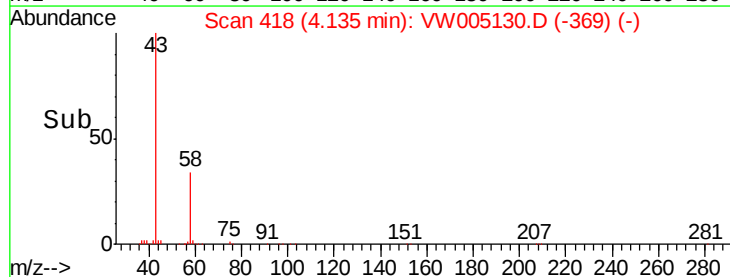
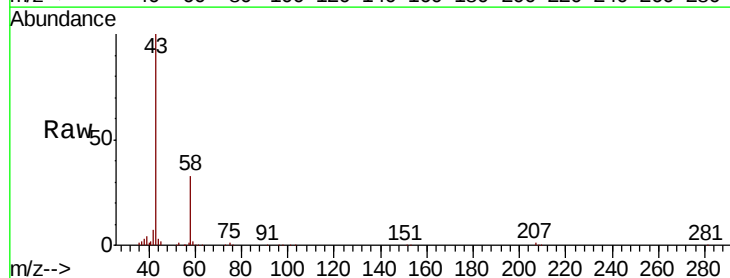
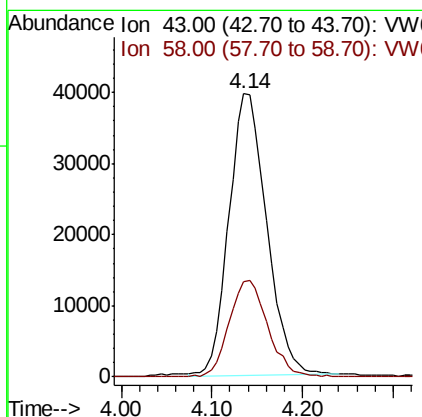
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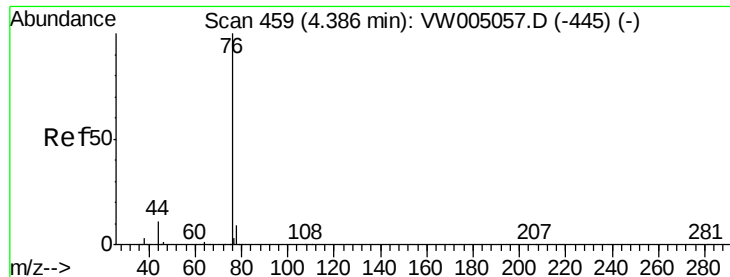
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#16
 Acetone
 Concen: 117.20 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion:	43	Resp:	114594
Ion	Ratio	Lower	Upper
43	100		
58	33.8	29.0	43.6





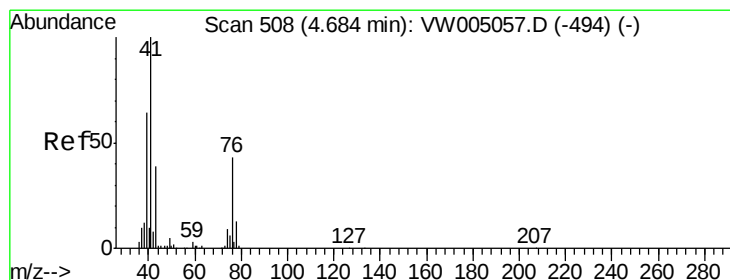
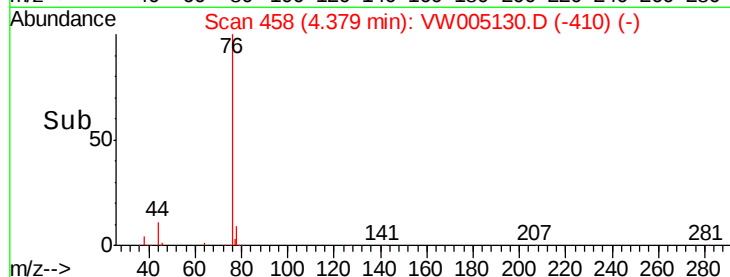
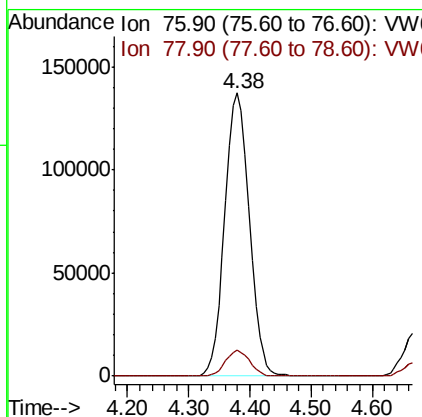
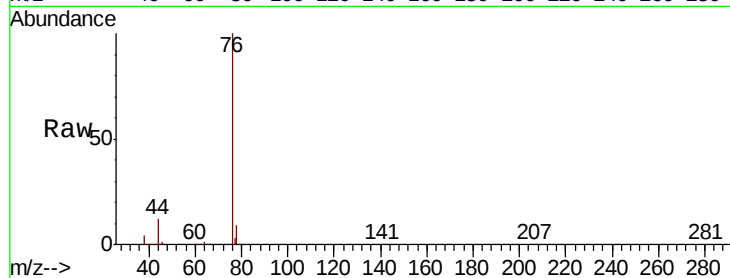
#17
Carbon Disulfide
Concen: 22.98 ug/l
RT: 4.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

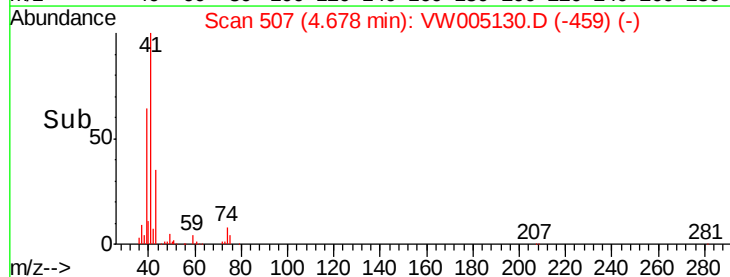
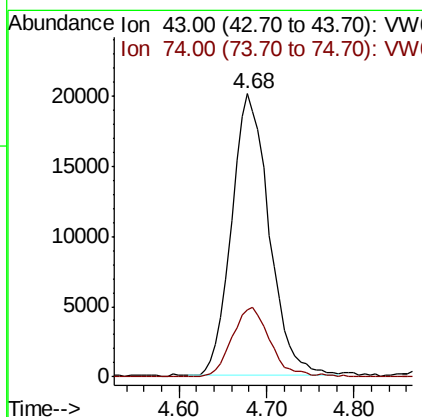
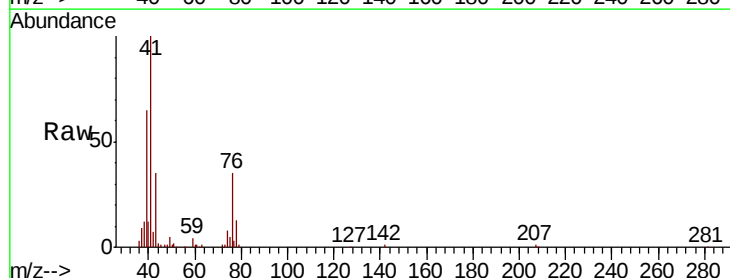
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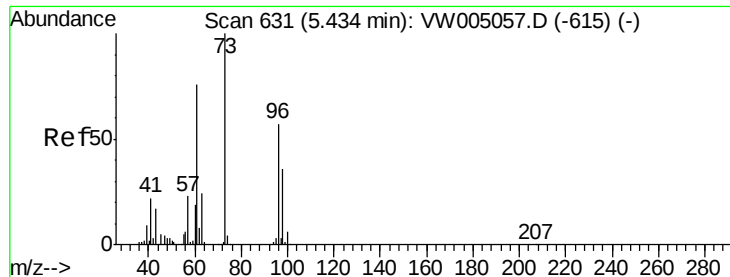
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#18
Methyl Acetate
Concen: 20.94 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	20.7	31.1





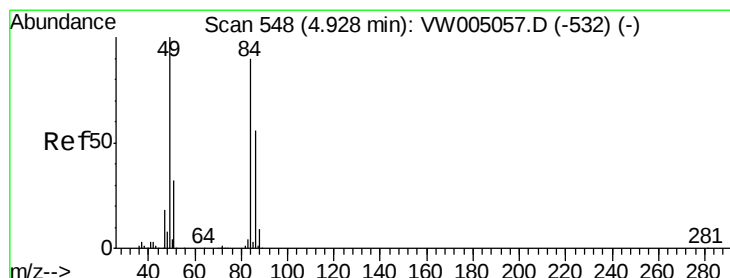
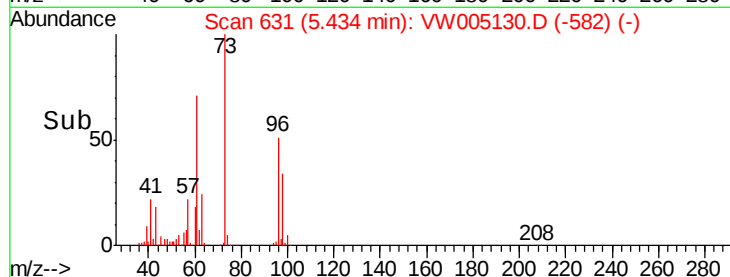
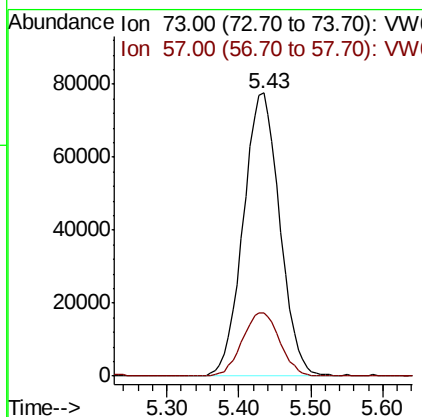
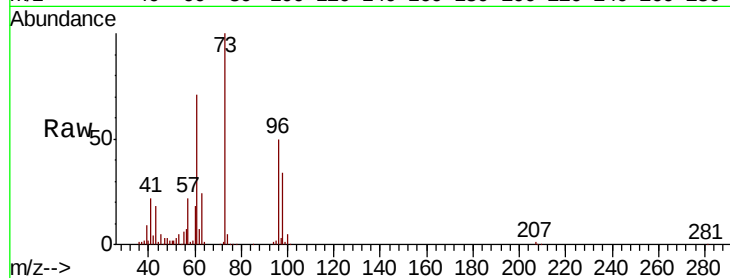
#19
Methvl tert-butvl Ether
Concen: 23.61 ug/l
RT: 5.43 min Scan# 631
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion: 73 Resp: 272630
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

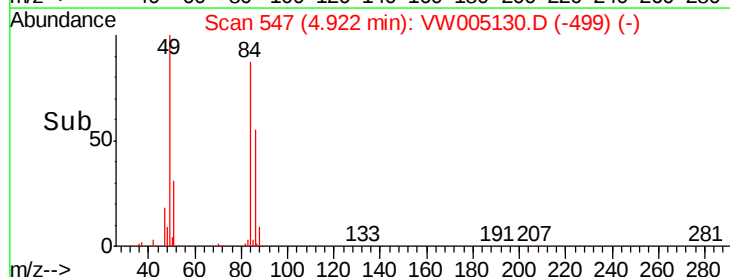
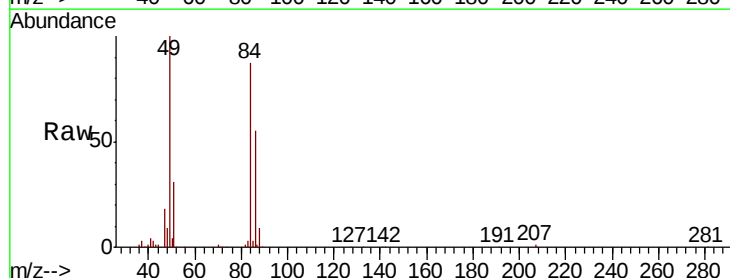
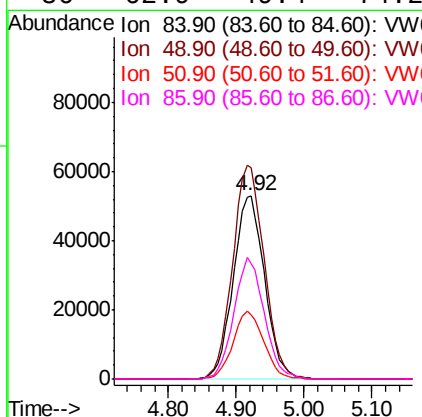
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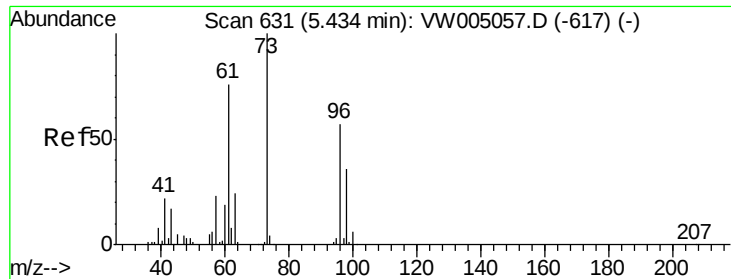
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#20
Methylene Chloride
Concen: 23.63 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion: 84 Resp: 169620
Ion Ratio Lower Upper
84 100
49 114.9 88.7 133.1
51 35.2 28.6 42.8
86 62.9 49.4 74.2





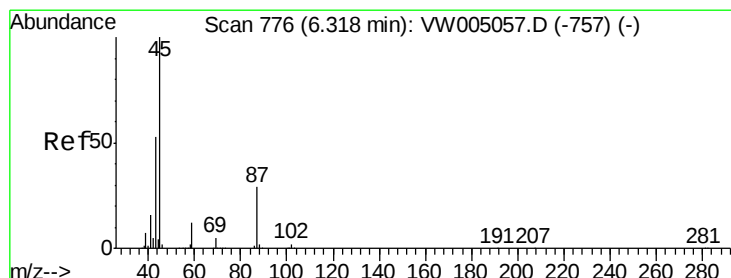
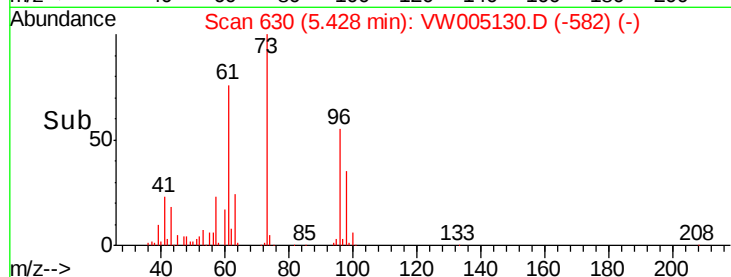
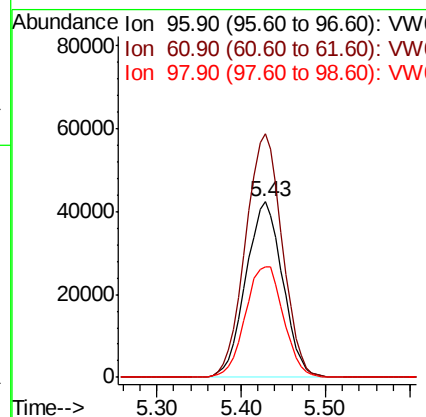
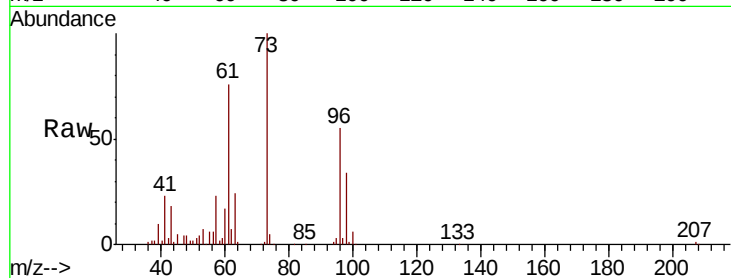
#21
trans-1,2-Dichloroethene
Concen: 21.76 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	106.3	159.5
98	62.7	50.9	76.3

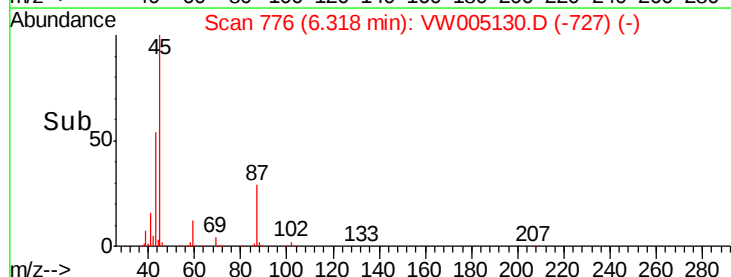
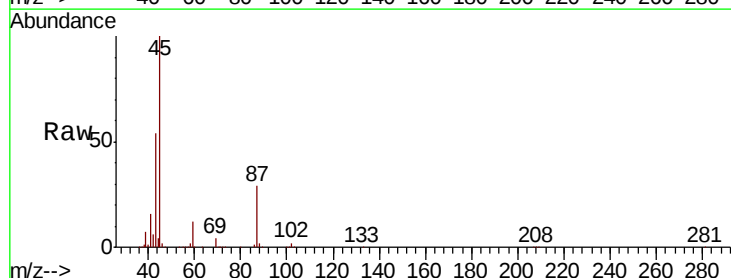
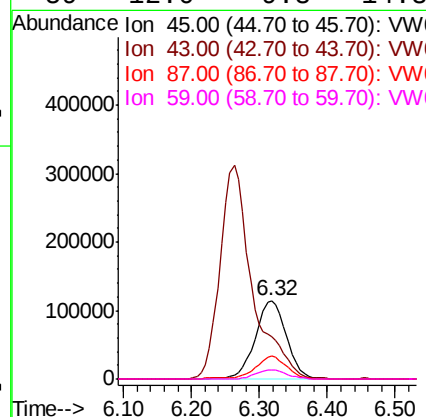
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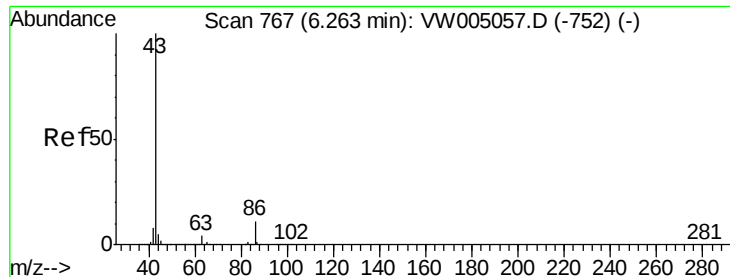
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#22
Diisopropyl ether
Concen: 23.44 ug/l
RT: 6.32 min Scan# 776
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.9	42.6	63.8
87	28.7	23.6	35.4
59	12.0	9.8	14.8





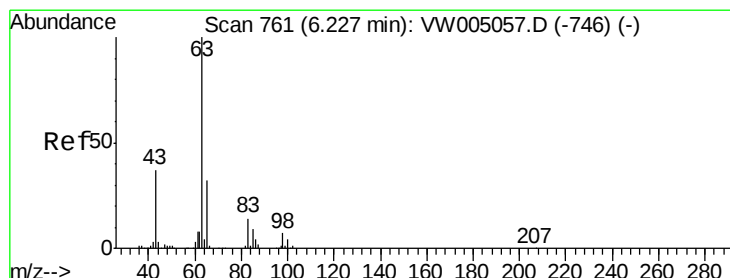
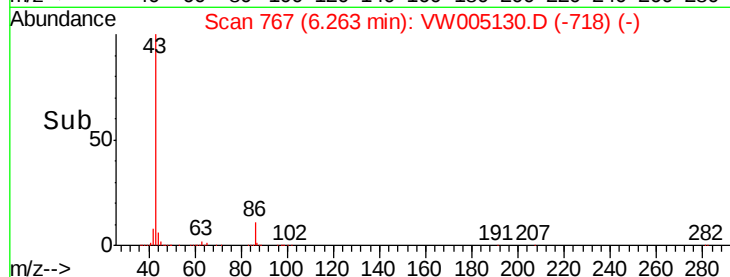
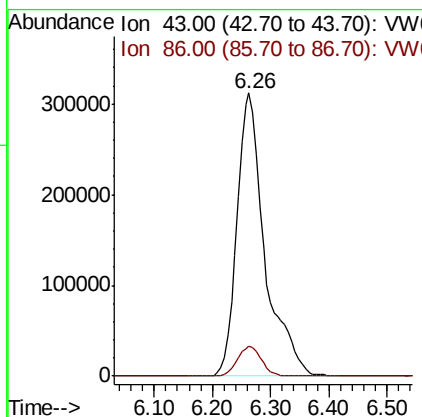
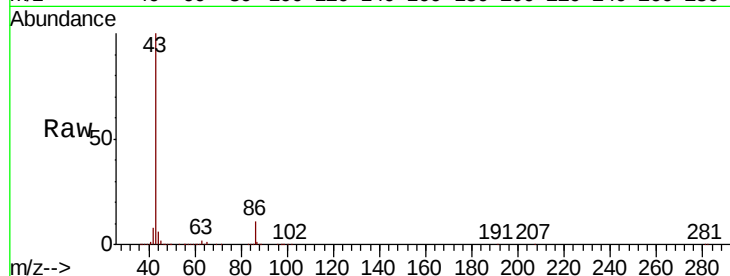
#23
 Vinyl Acetate
 Concen: 125.94 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBS01

Tot Ion: 43 Resp: 1034787
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.0 13.4

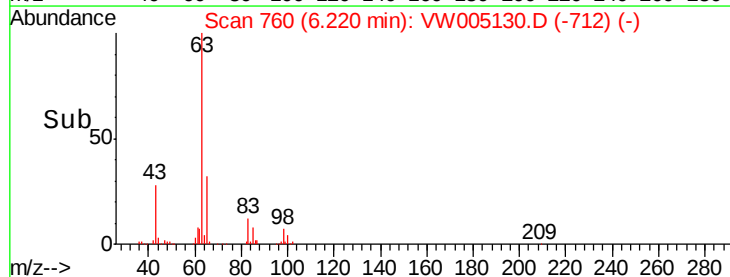
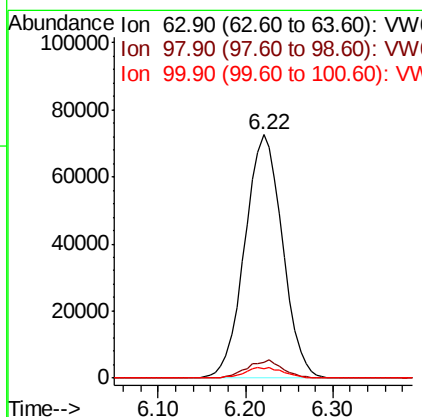
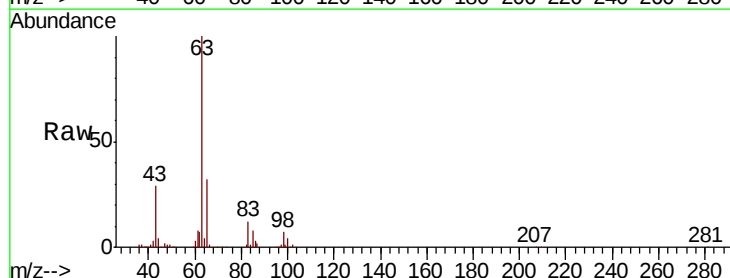
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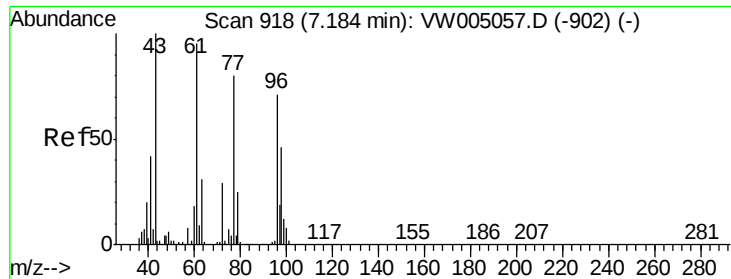
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#24
 1,1-Dichloroethane
 Concen: 22.24 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion: 63 Resp: 217491
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 119.13 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

ClientSampled :

VW0905SBS01

Tot Ion: 43 Resp: 202034

Ion Ratio Lower Upper

43 100

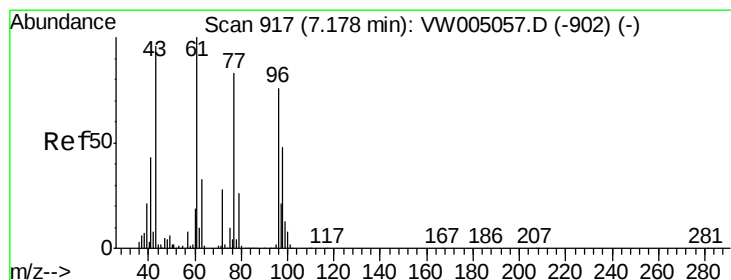
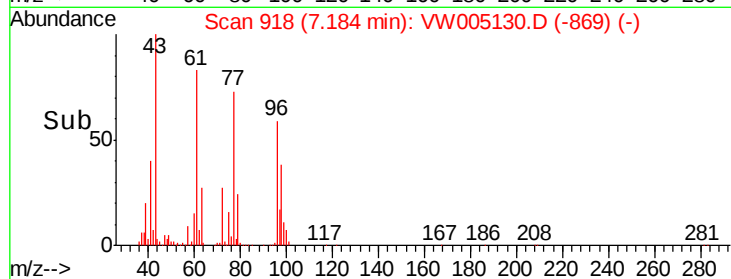
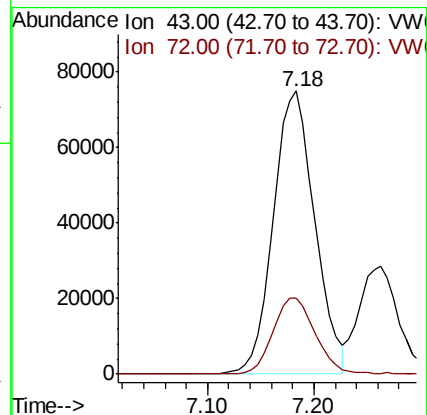
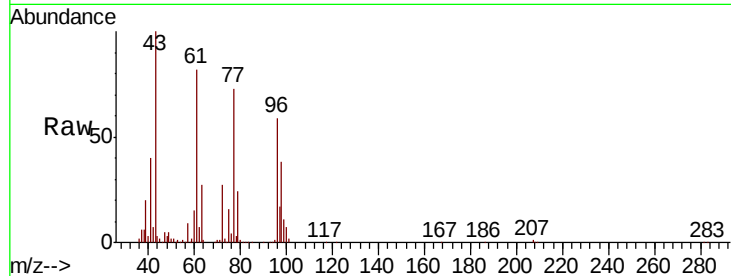
72 27.1 23.1 34.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 24.31 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005130.D

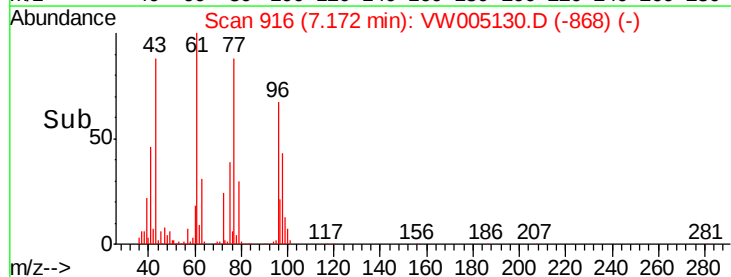
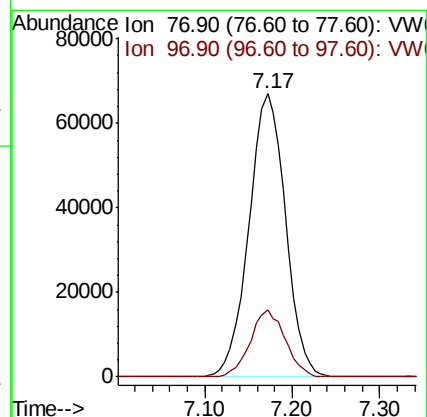
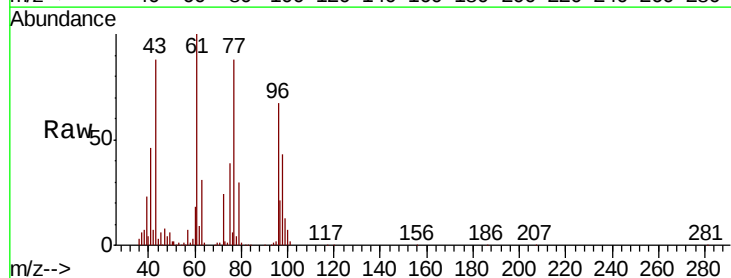
Acq: 05 Sep 2018 15:46

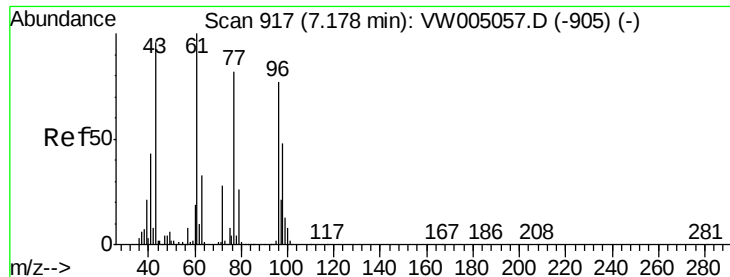
Tgt Ion: 77 Resp: 195331

Ion Ratio Lower Upper

77 100

97 22.6 12.2 36.6





#27

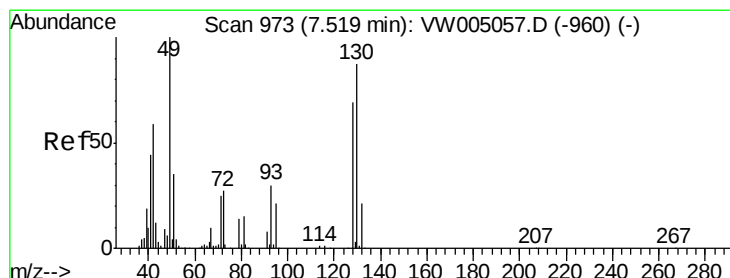
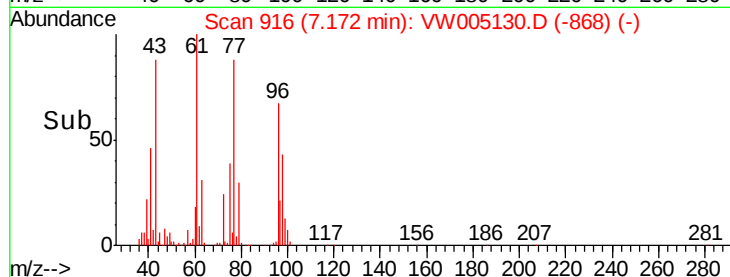
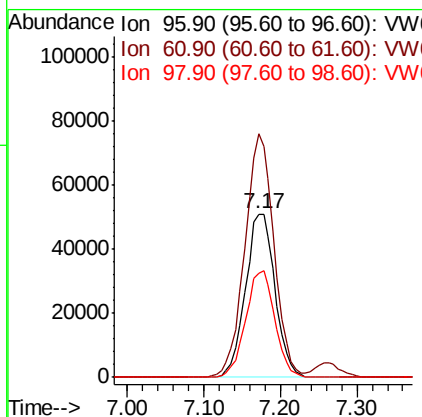
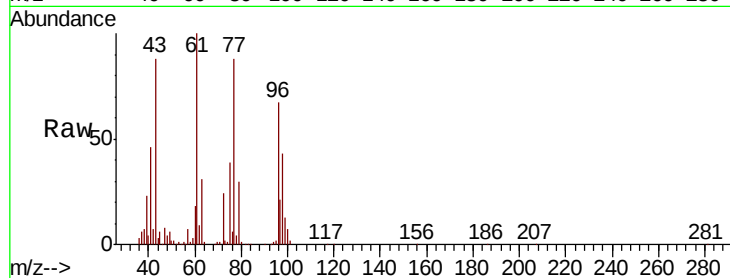
cis-1,2-Dichloroethene
 Concen: 21.64 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	137155		
61	146.2	0.0	273.2	
98	64.2	0.0	127.8	

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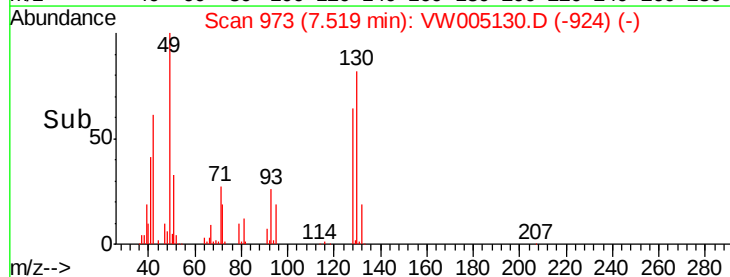
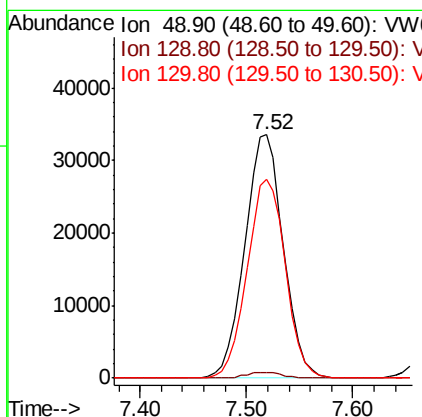
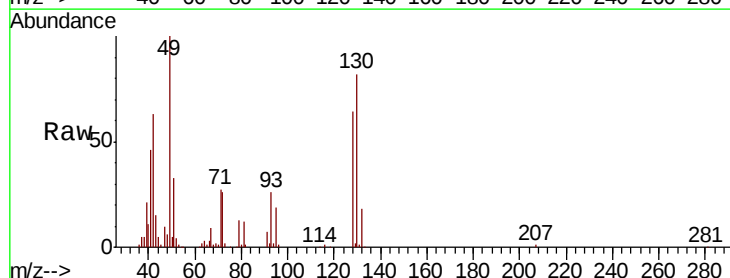
apatel
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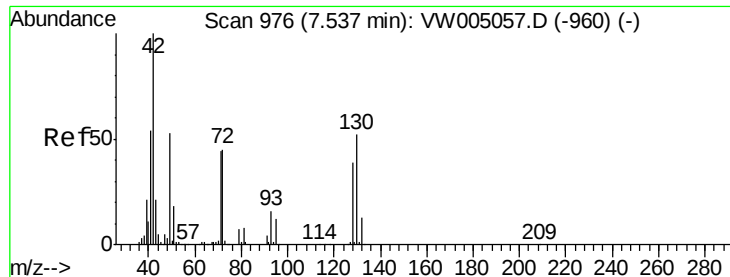


#28

Bromochloromethane
 Concen: 21.63 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	85115		
129	2.2	0.0	4.4	
130	81.2	69.6	104.4	





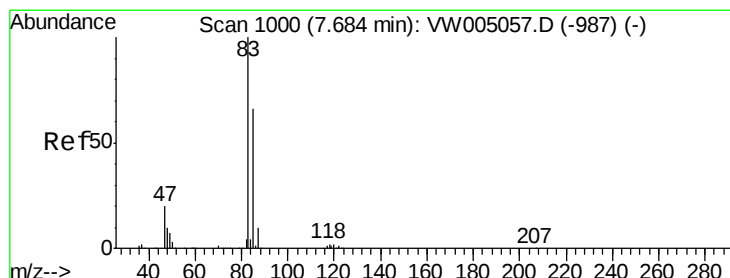
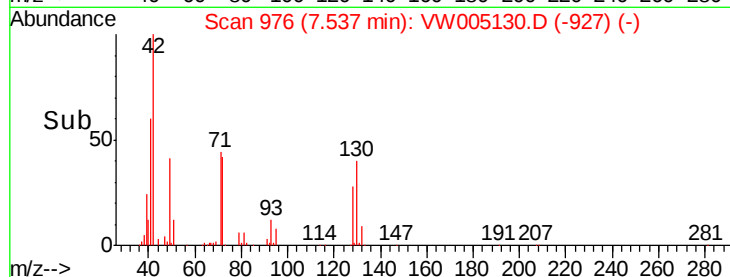
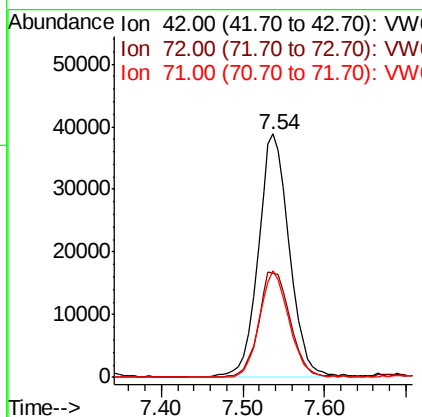
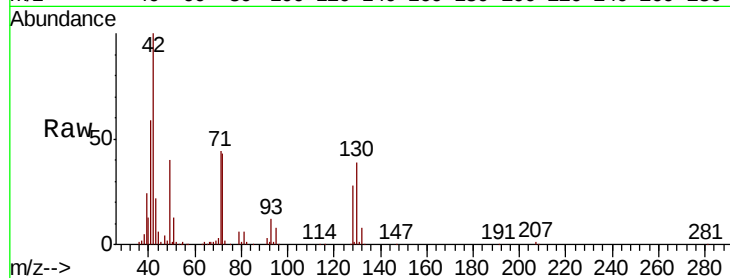
#29
Tetrahydrofuran
Concen: 117.65 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	37.0	55.4
71	42.4	35.0	52.6

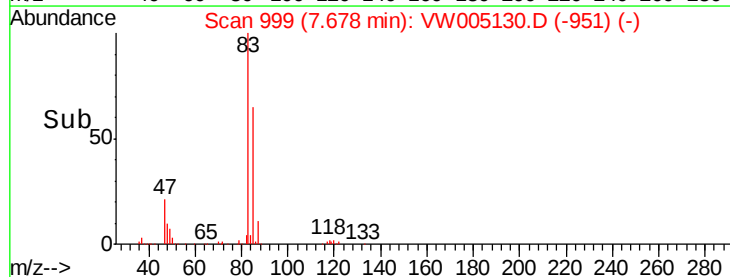
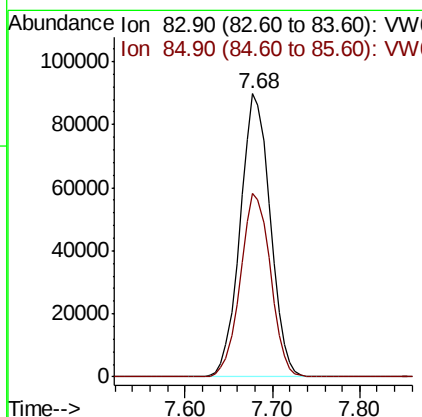
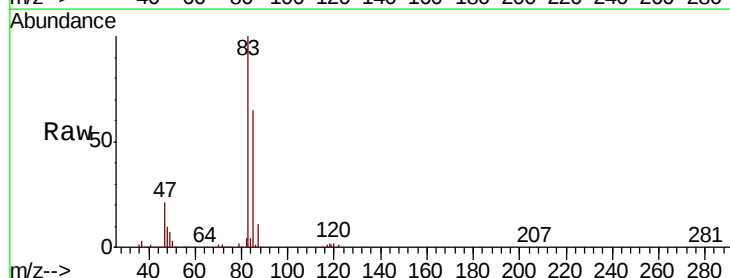
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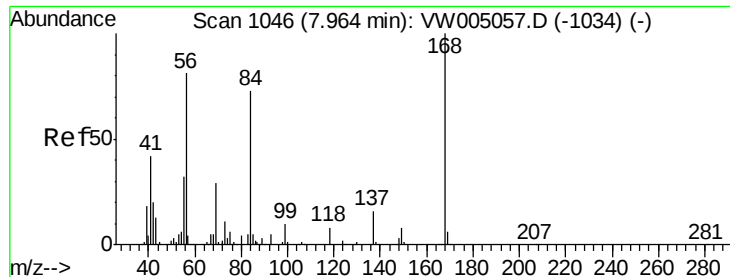
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#30
Chloroform
Concen: 21.50 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.1	79.7





#31

Cyclohexane

Concen: 24.70 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

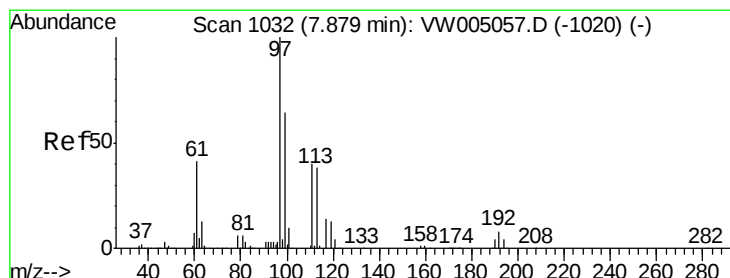
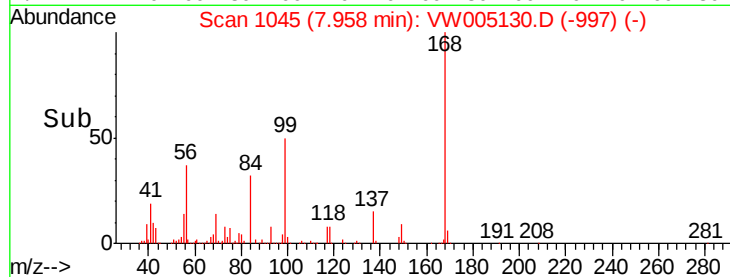
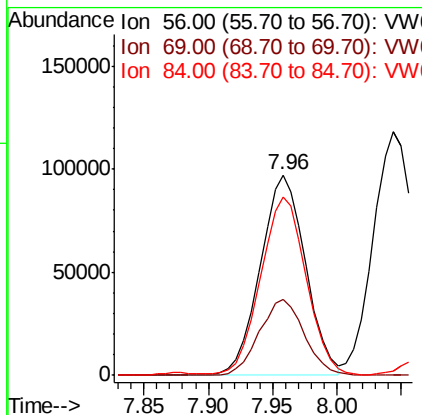
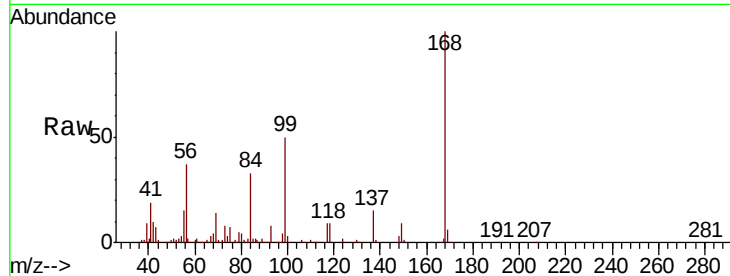
ClientSampled :

VW0905SBS01

Tot Ion:	56	Resp:	236530
Ion Ratio	Lower	Upper	
56	100		
69	38.2	28.2	42.2
84	87.8	71.8	107.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 22.35 ug/l

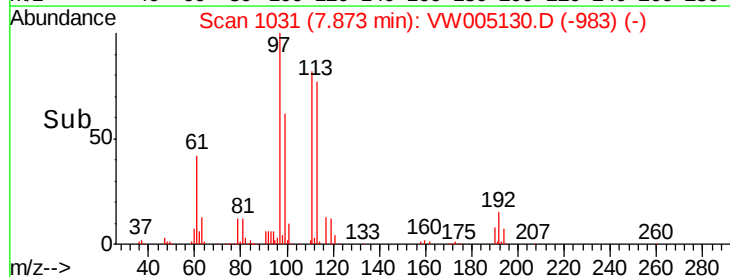
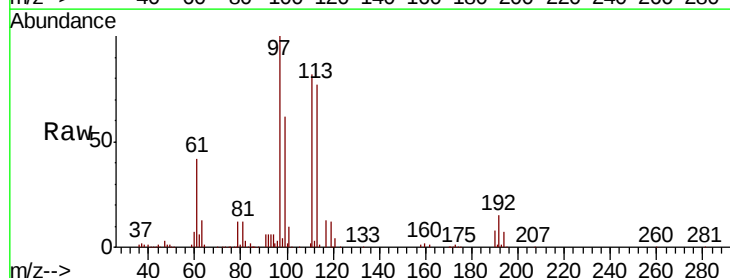
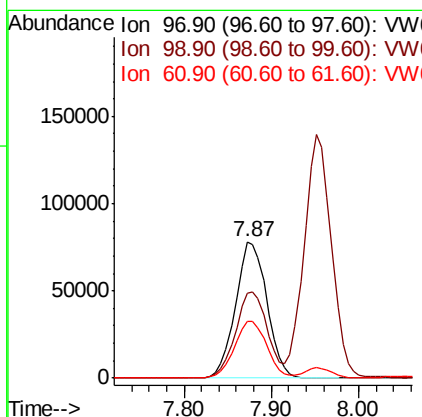
RT: 7.87 min Scan# 1031

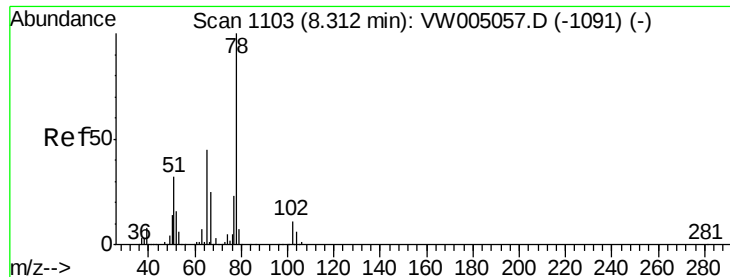
Delta R.T. -0.01 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Tgt Ion:	97	Resp:	194297
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.8	77.8
61	42.7	33.2	49.8





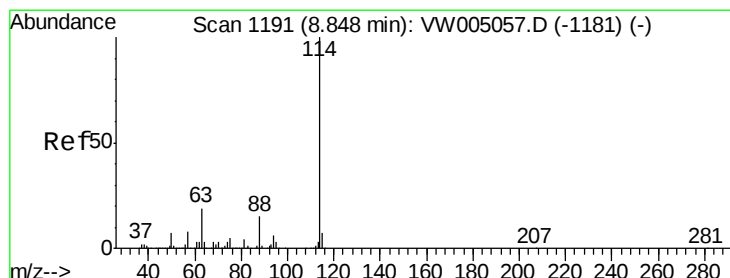
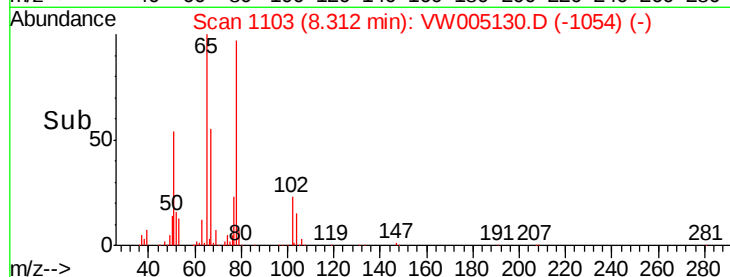
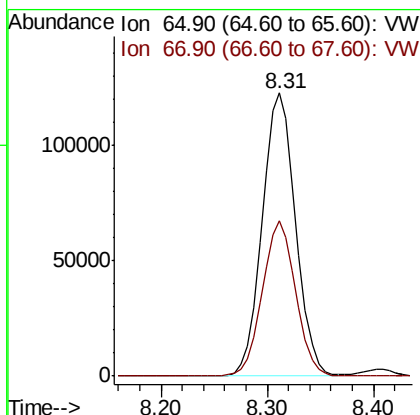
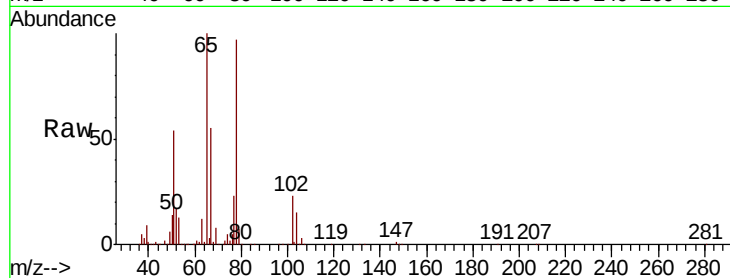
#33
 1,2-Dichloroethane-d4
 Concen: 54.84 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	267370		
67	55.1	0.0	109.4	

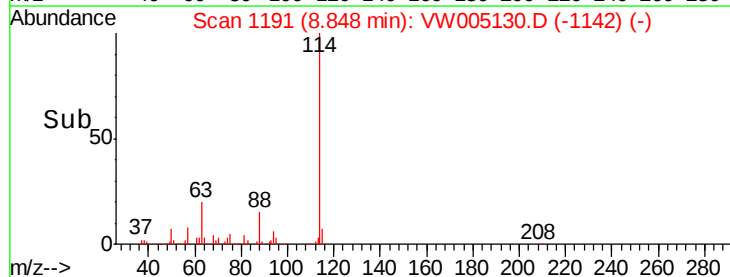
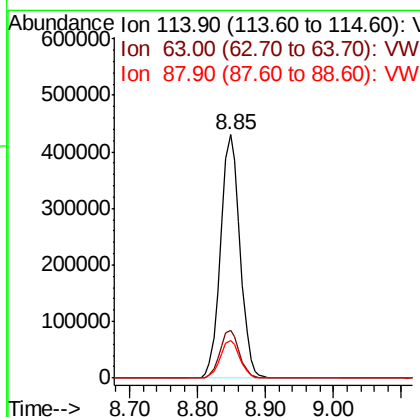
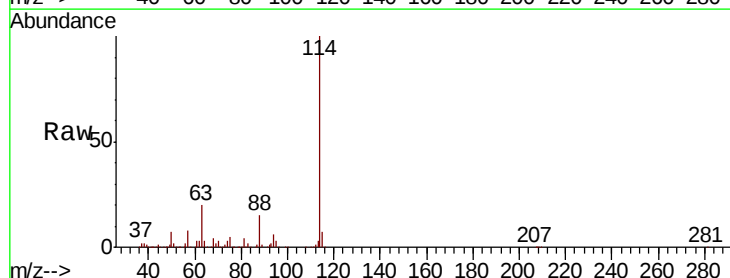
Manual Integrations
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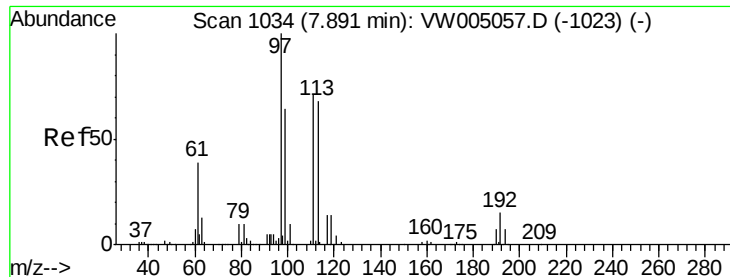
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	848333		
63	19.7	0.0	38.0	
88	15.3	0.0	30.2	





#35

Dibromofluoromethane

Concen: 53.25 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

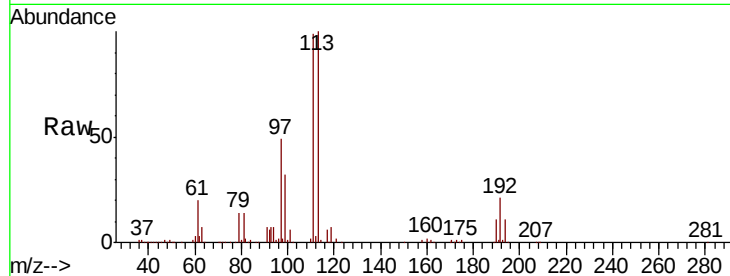
ClientSampled :

VW0905SBS01

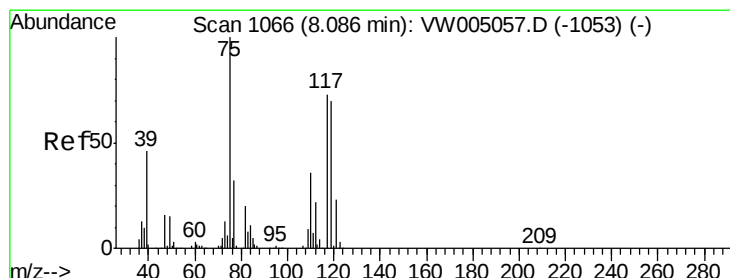
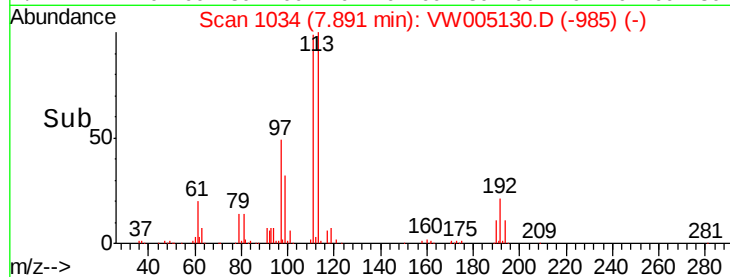
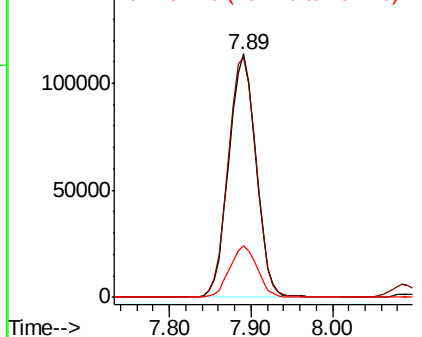
Tot Ion:	113	Resp:	261066
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.2
192	21.4	18.1	27.1

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



#36

1,1-Dichloropropene

Concen: 23.73 ug/l

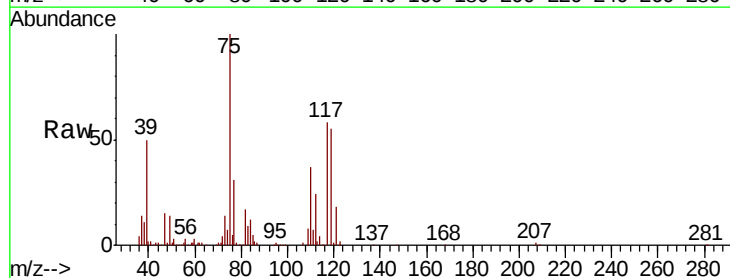
RT: 8.09 min Scan# 1066

Delta R.T. -0.00 min

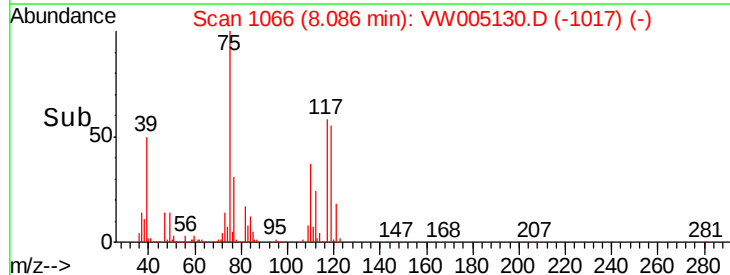
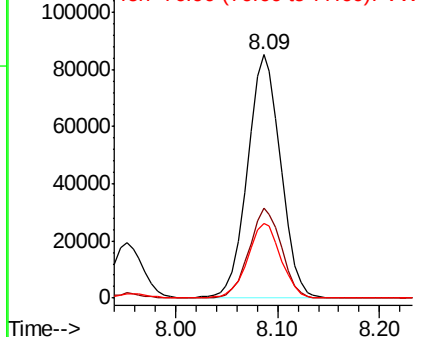
Lab File: VW005130.D

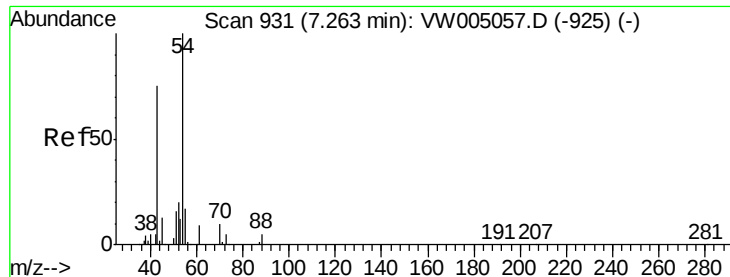
Acq: 05 Sep 2018 15:46

Tgt Ion:	75	Resp:	191739
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.9	56.7
77	31.3	25.5	38.3



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





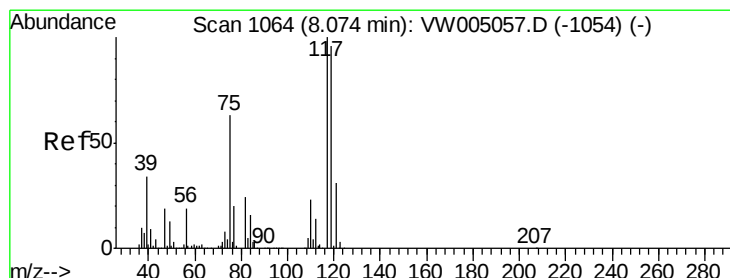
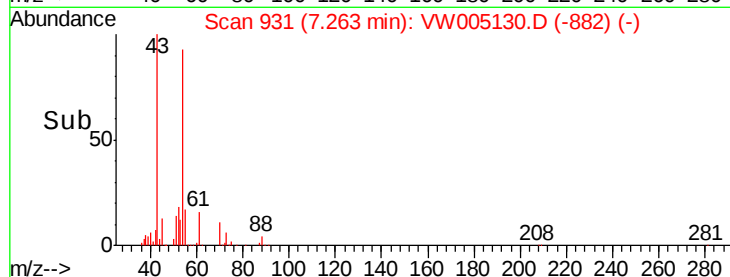
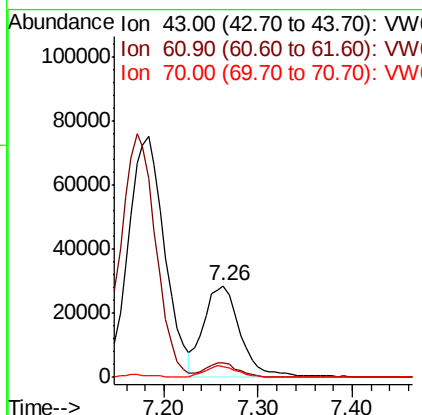
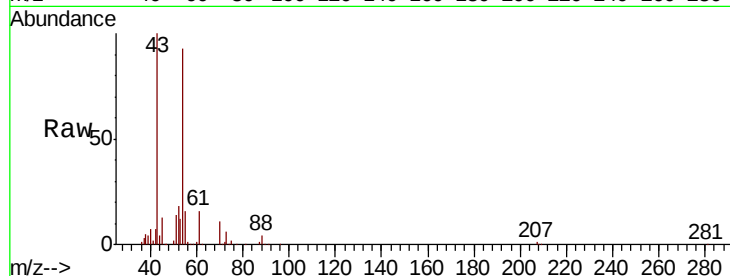
#37
Ethyl Acetate
Concen: 25.03 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.1	18.1
70	11.3	9.4	14.2

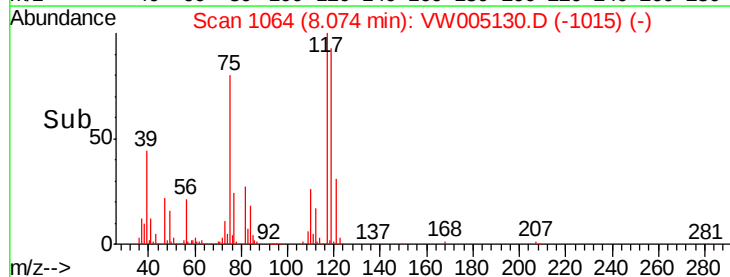
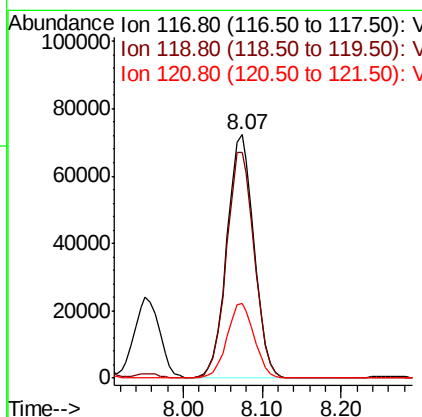
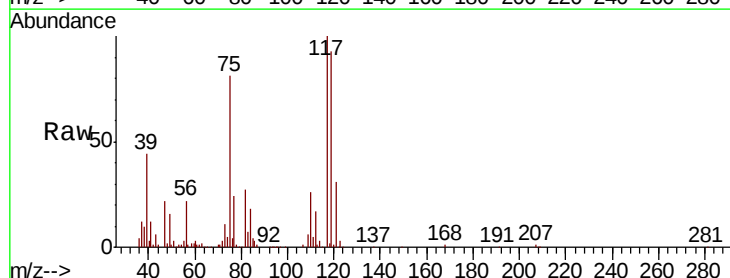
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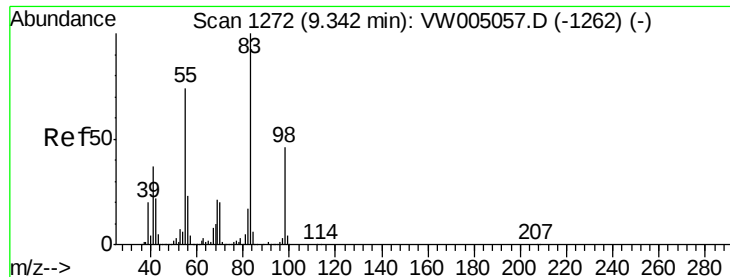
apatel
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#38
Carbon Tetrachloride
Concen: 22.53 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.6	115.0
121	30.6	24.8	37.2





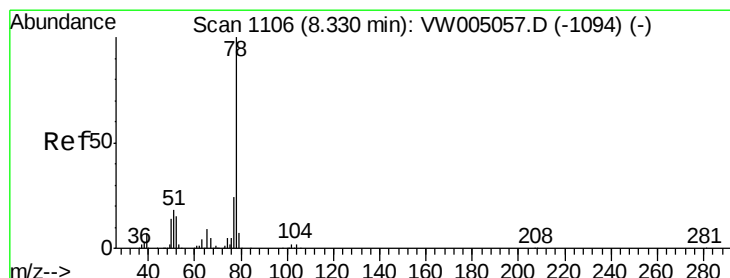
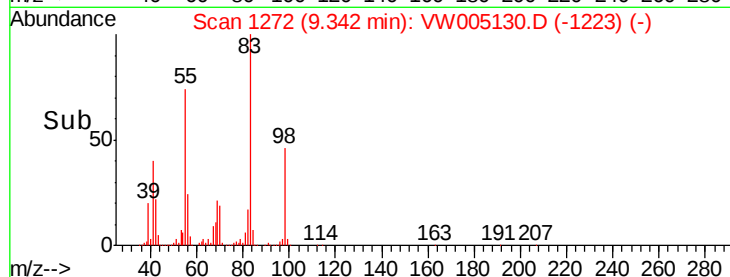
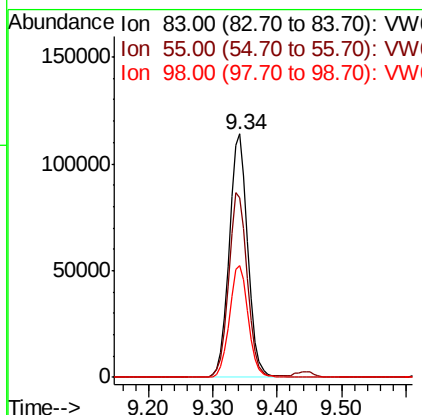
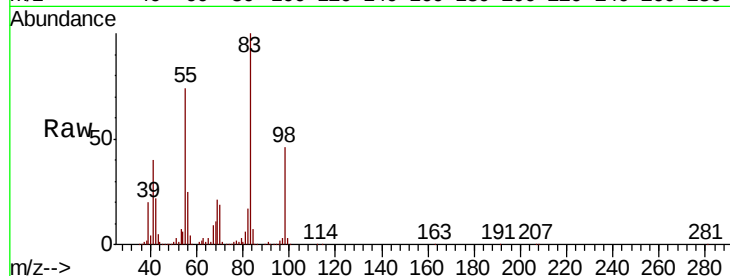
#39
Methvlcvclohexane
Concen: 23.76 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	232133		
55	73.8		58.9	88.3
98	46.1		36.8	55.2

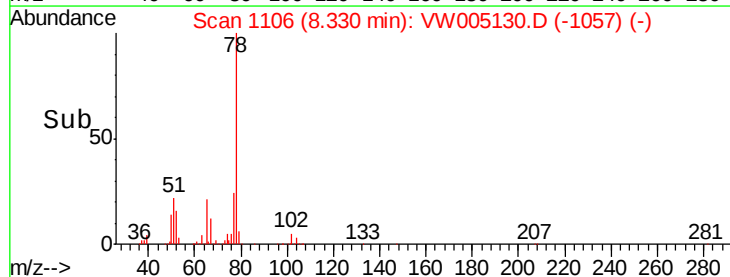
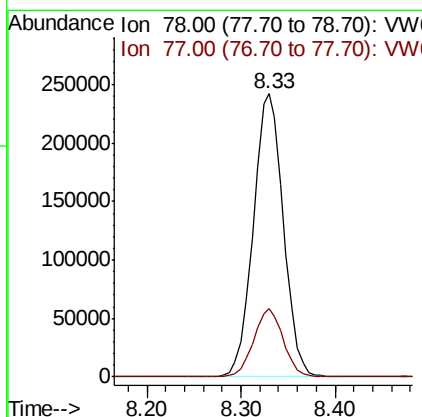
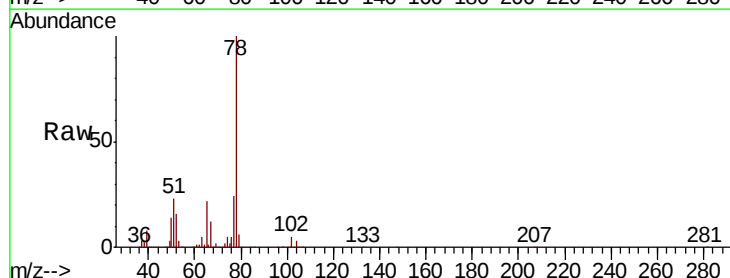
Manual Integrations
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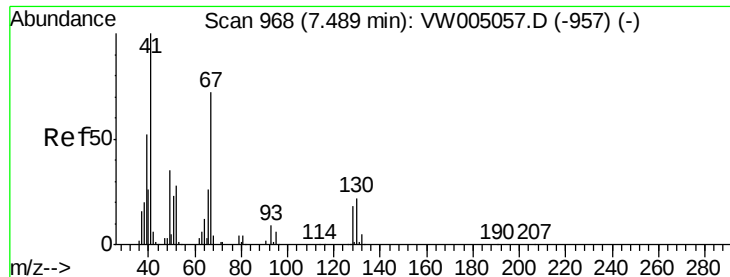
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#40
Benzene
Concen: 21.87 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	540865		
77	23.9		19.4	29.0





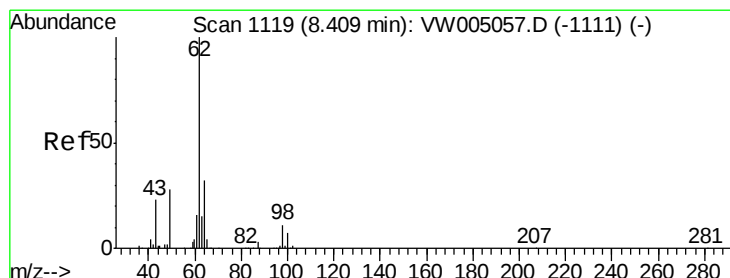
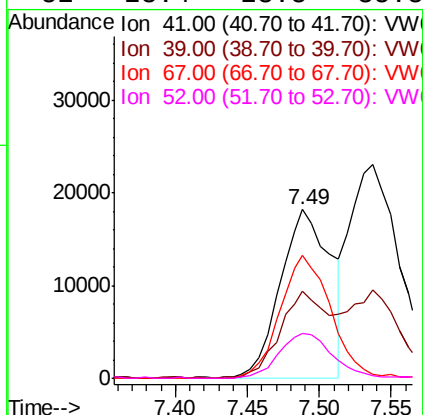
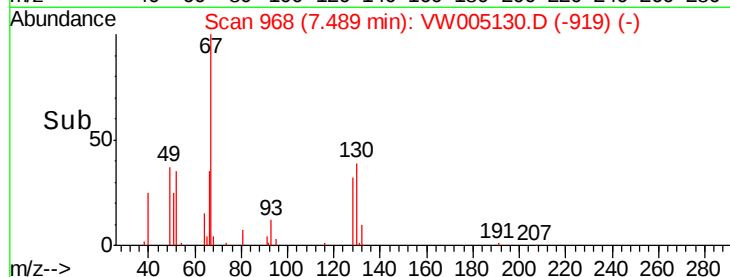
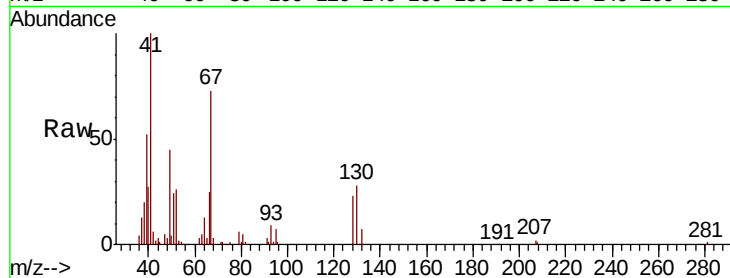
#41
Methacrylonitrile
Concen: 25.45 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	45.9	41.8	62.8
67	73.6	60.4	90.6
52	28.4	23.8	35.8

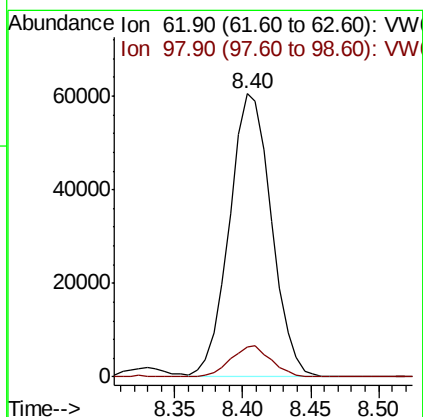
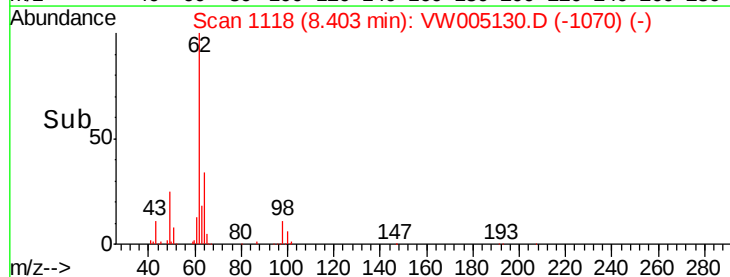
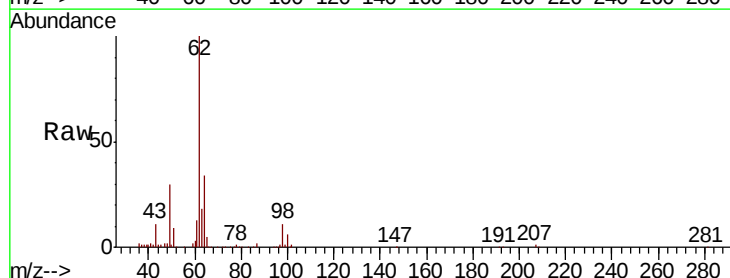
Manual Integrations
APPROVED

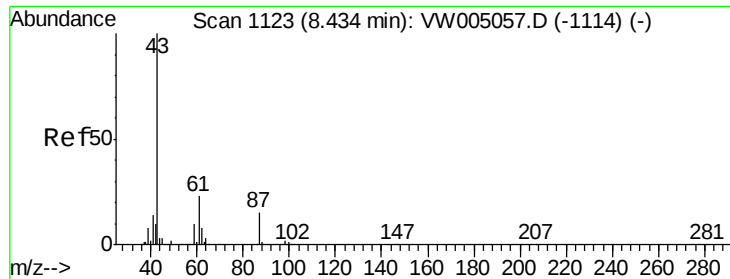
apatel
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#42
1,2-Dichloroethane
Concen: 21.48 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8





#43

Isopropyl Acetate

Concen: 24.22 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

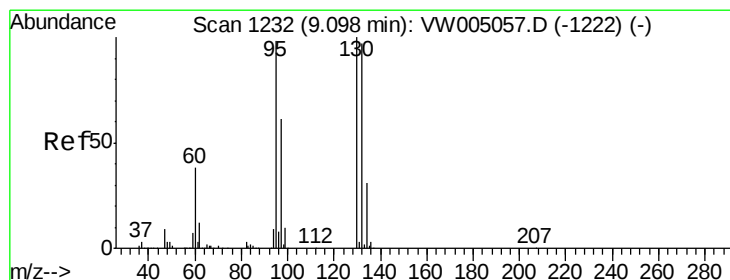
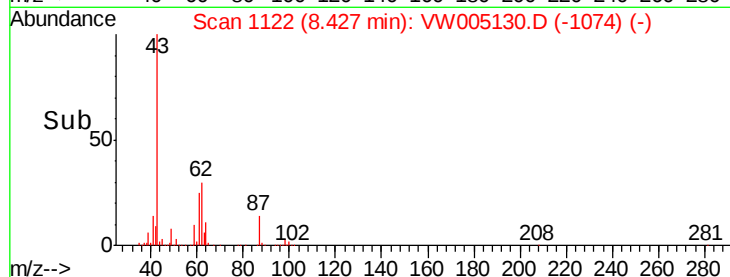
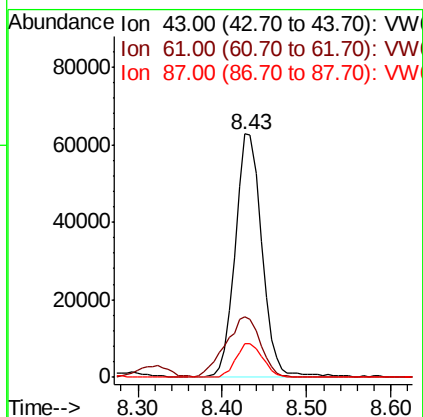
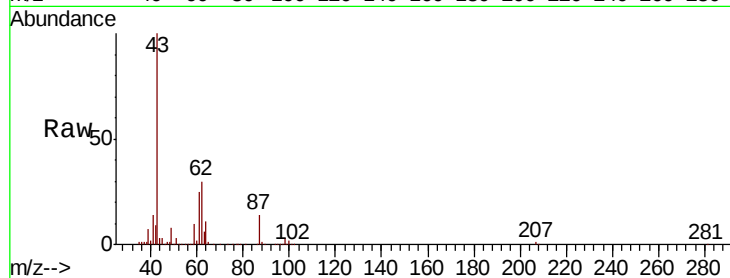
ClientSampleId :

VW0905SBS01

Tot Ion:	43	Resp:	133163
Ion	Ratio	Lower	Upper
43	100		
61	32.4	26.8	40.2
87	14.1	11.6	17.4

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#44

Trichloroethene

Concen: 21.96 ug/l

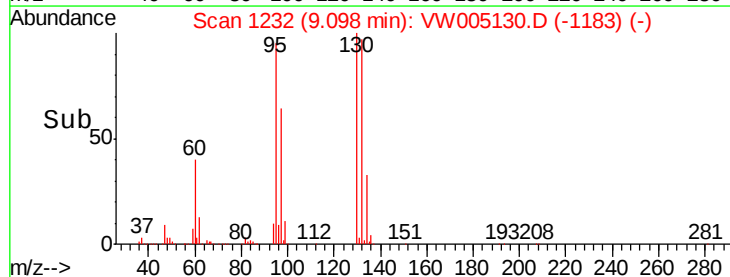
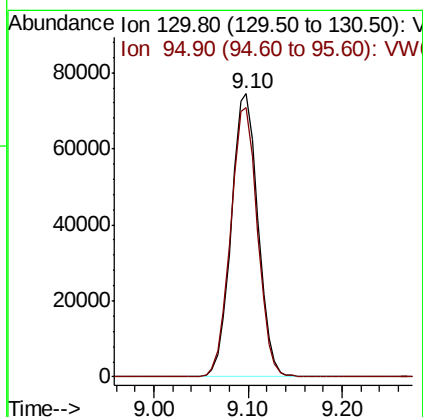
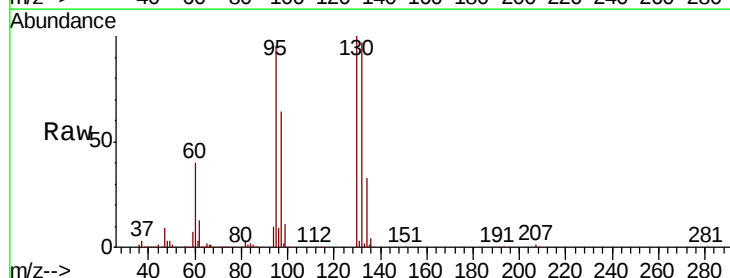
RT: 9.10 min Scan# 1232

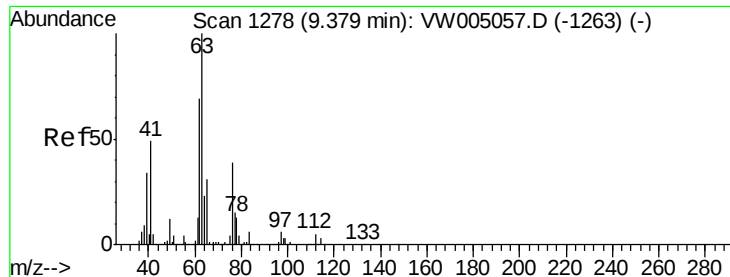
Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Tgt Ion:	130	Resp:	146558
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	195.2





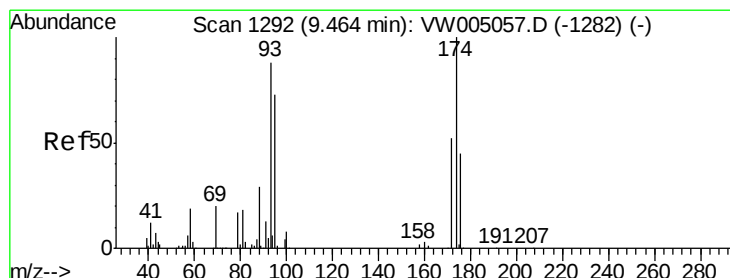
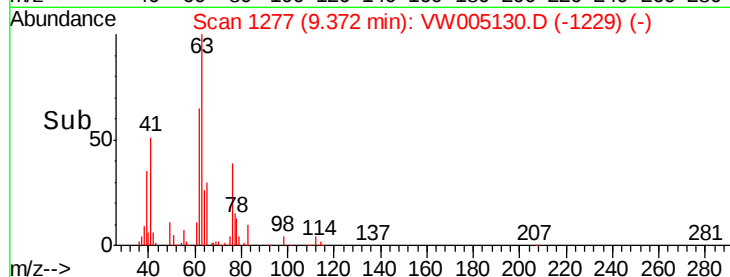
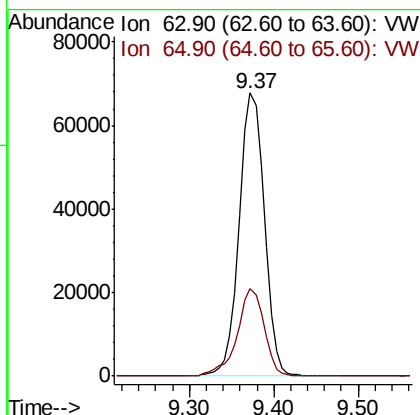
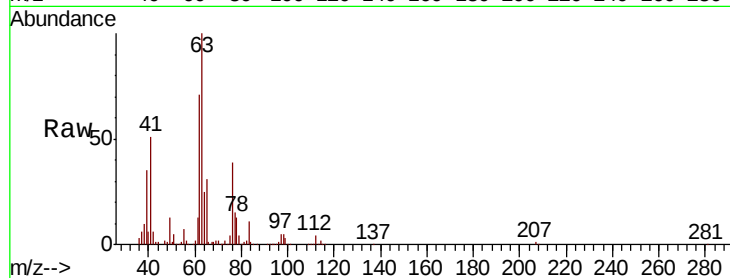
#45
 1,2-Dichloropropane
 Concen: 22.57 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.6	37.0

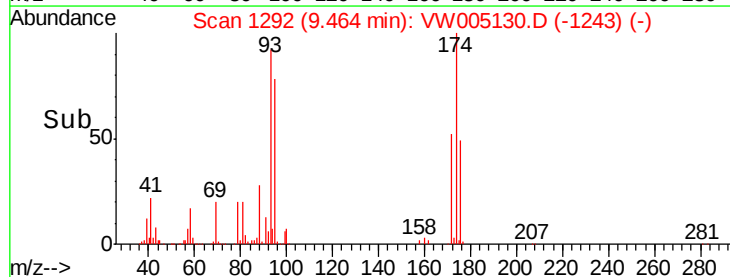
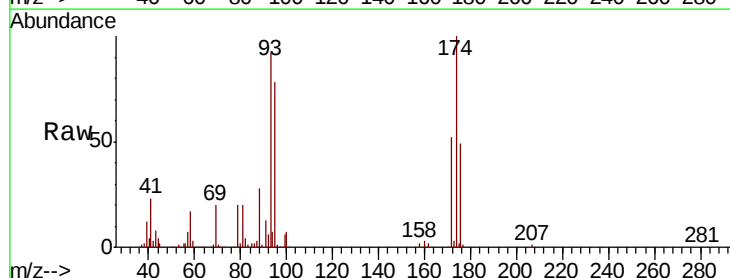
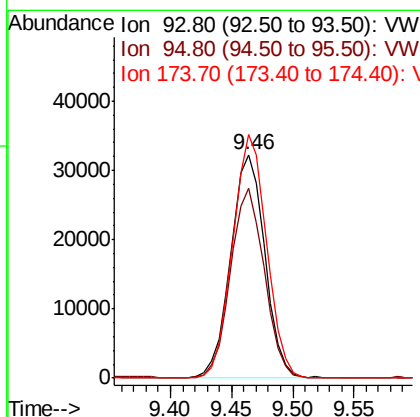
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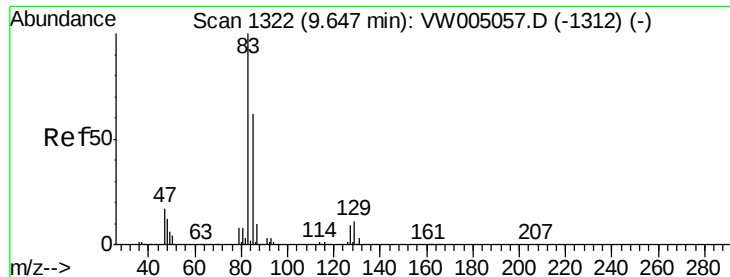
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#46
 Dibromomethane
 Concen: 21.59 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.2	99.4
174	108.2	92.0	138.0





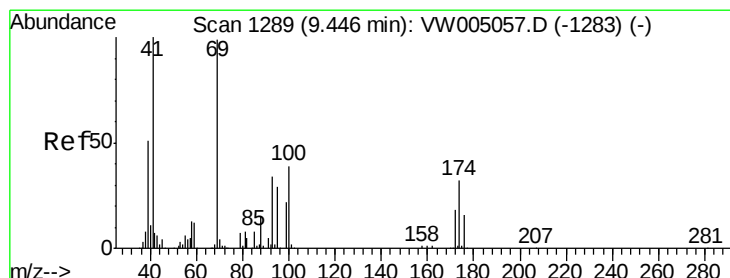
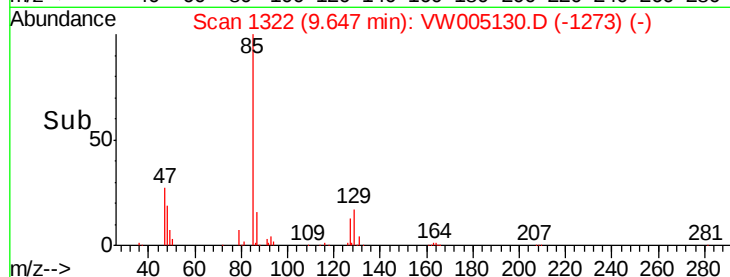
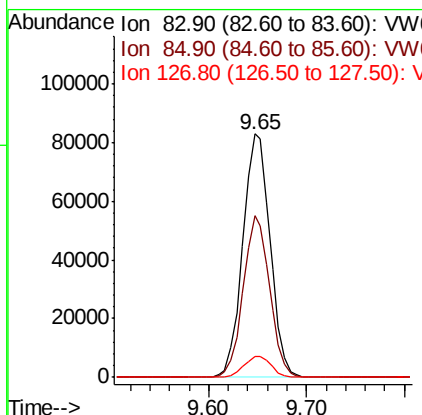
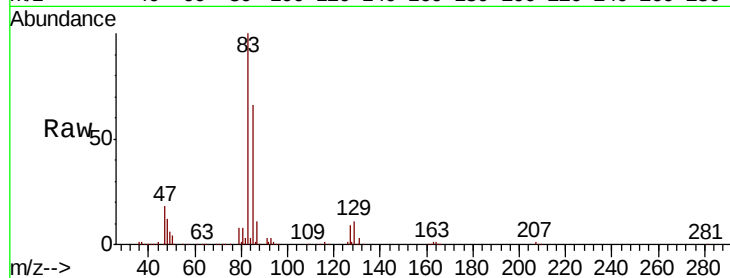
#47
 Bromodichloromethane
 Concen: 21.96 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBS01

Tot Ion	83	Resp	159767
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	49.8	74.6
127	8.7	7.0	10.4

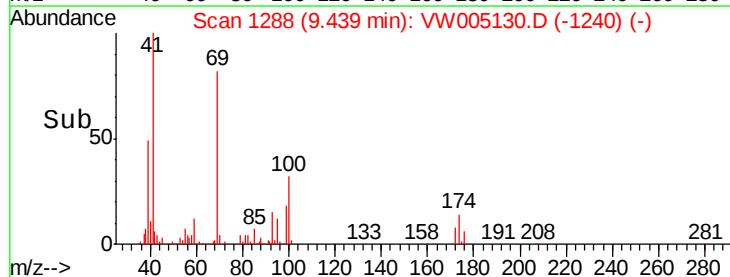
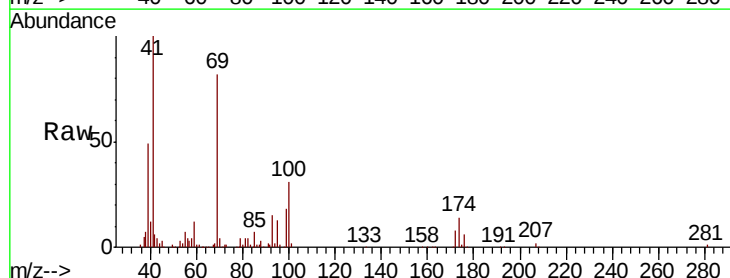
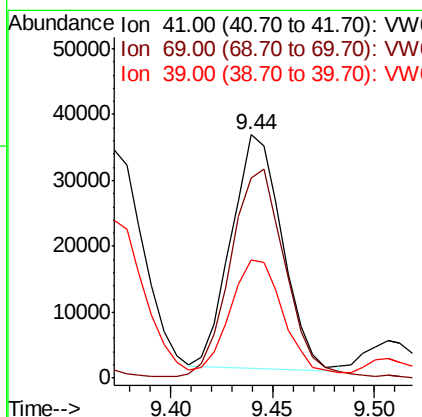
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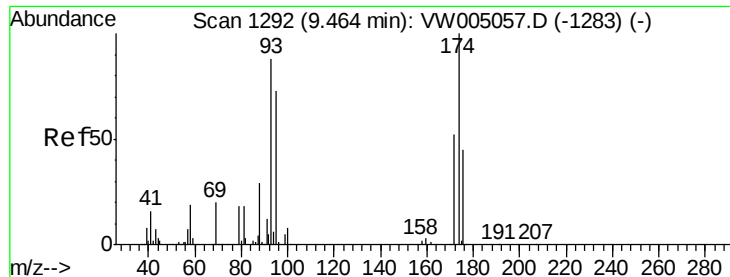
apatel
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#48
 Methyl methacrylate
 Concen: 23.30 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion	41	Resp	61687
Ion Ratio	100	Lower	Upper
41	100		
69	96.0	80.4	120.6
39	49.4	43.5	65.3





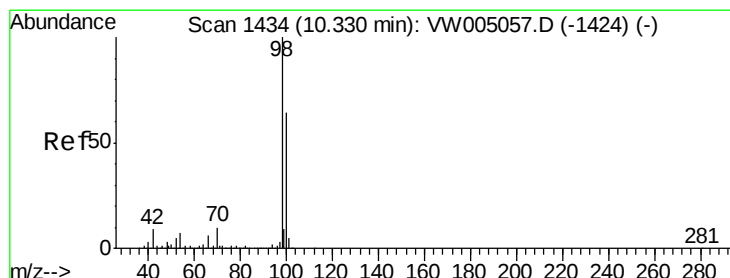
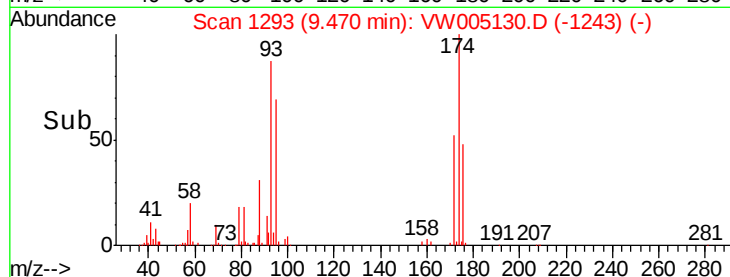
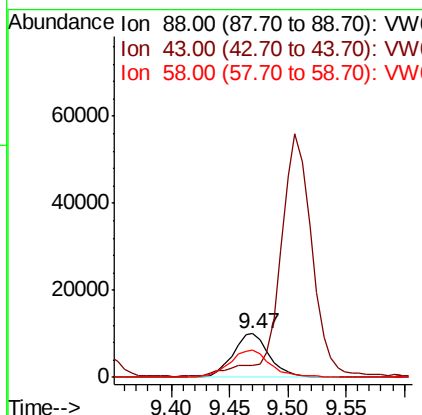
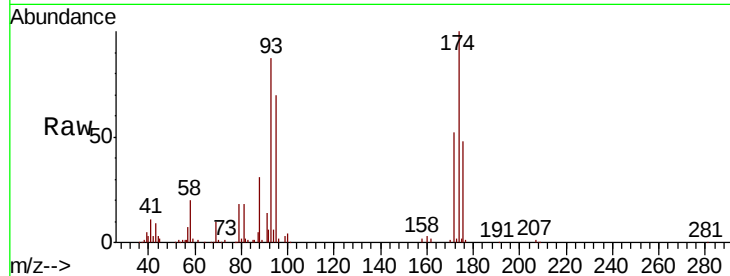
#49
1,4-Dioxane
Concen: 465.17 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.8	29.6#
58	71.3	57.1	85.7

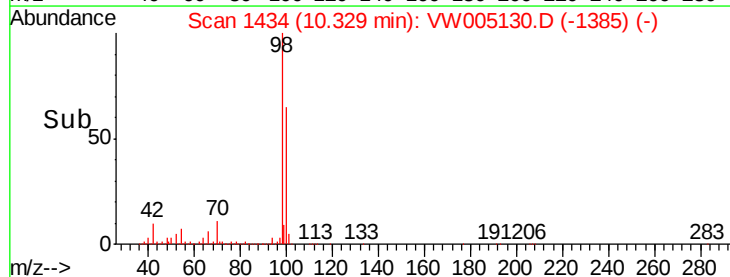
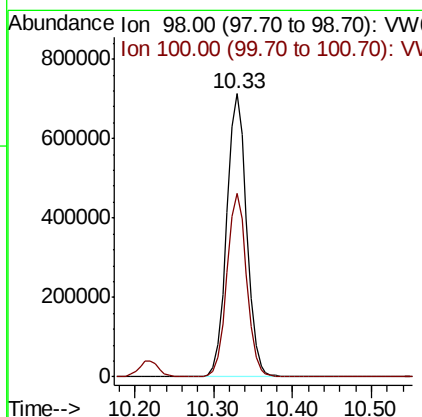
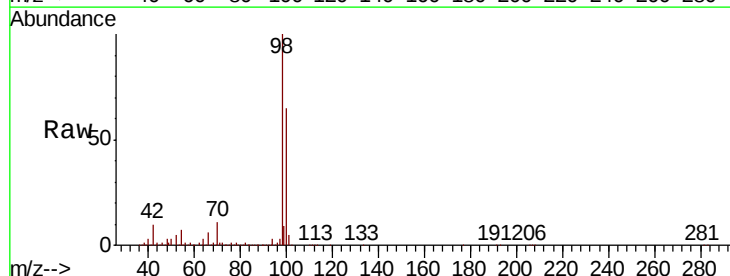
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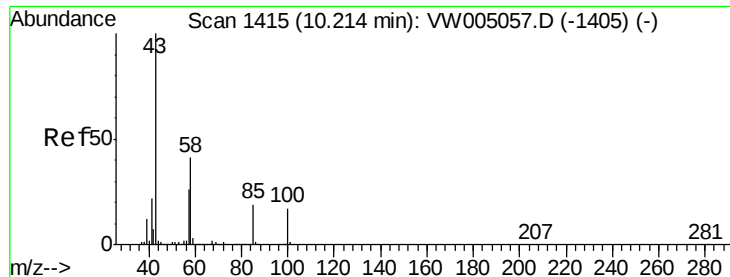
apatel
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#50
Toluene-d8
Concen: 55.17 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5





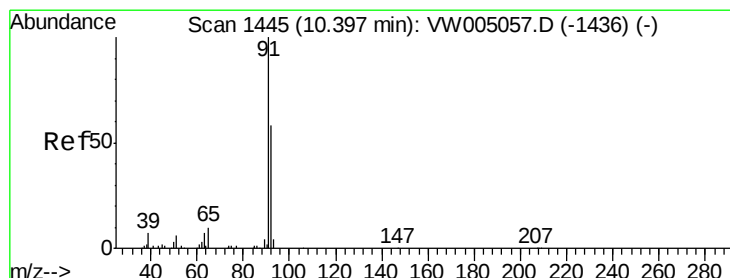
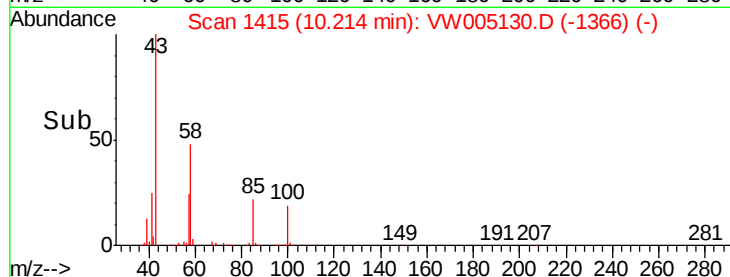
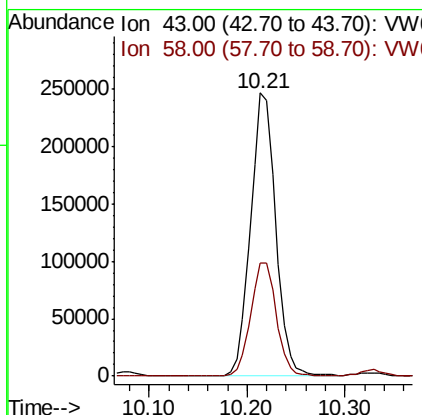
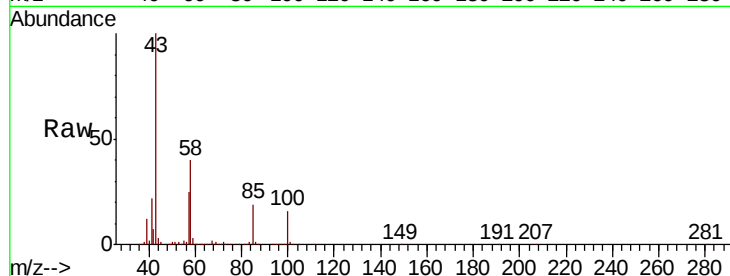
#51
4-Methyl-2-Pentanone
Concen: 119.78 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.8	33.3	49.9

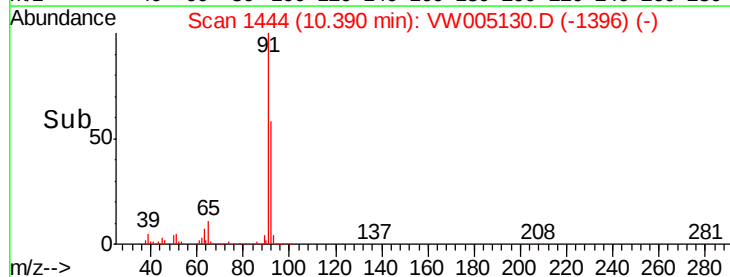
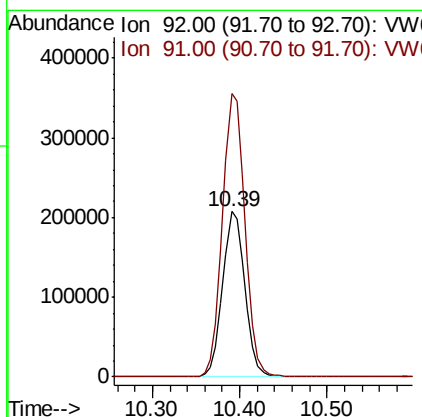
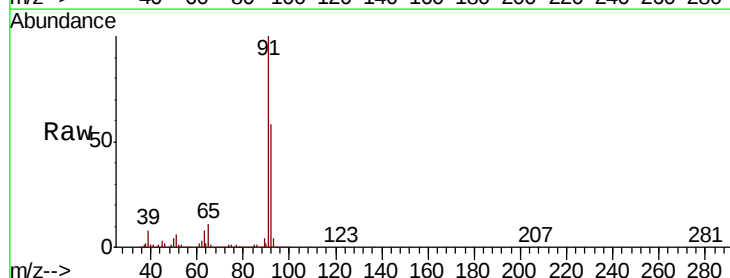
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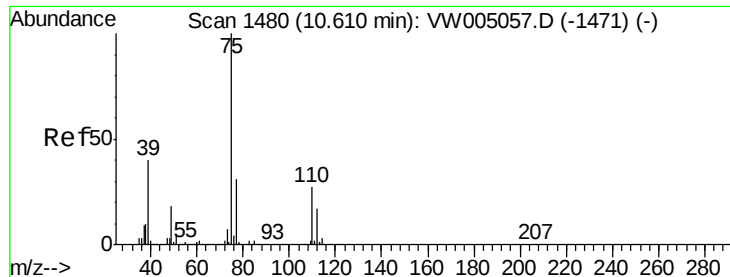
apatel
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#52
Toluene
Concen: 21.79 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.5	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 22.86 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

ClientSampled :

VW0905SBS01

Tot Ion: 75 Resp: 163445

Ion Ratio Lower Upper

75 100

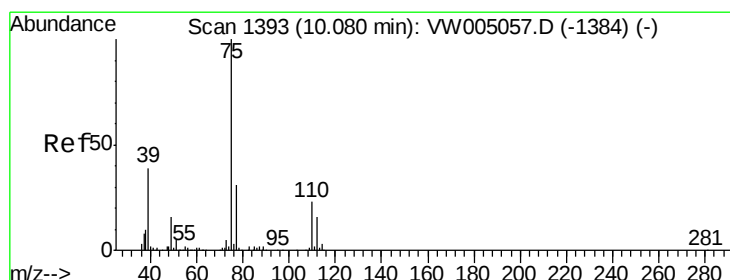
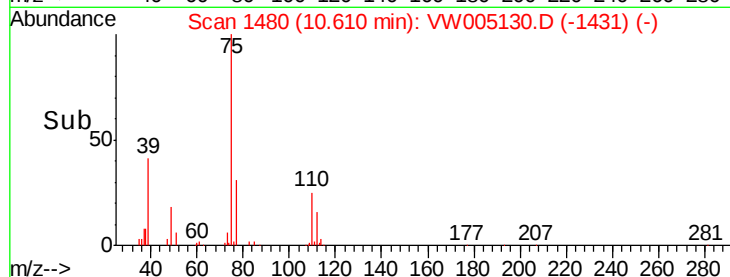
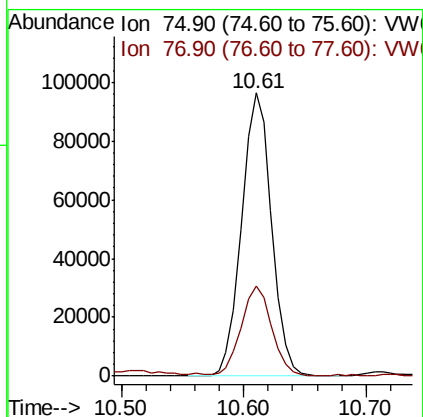
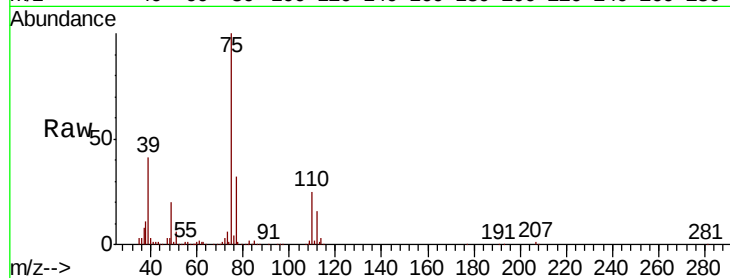
77 31.3 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 23.33 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

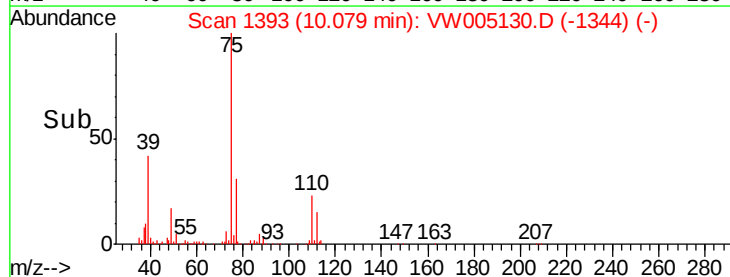
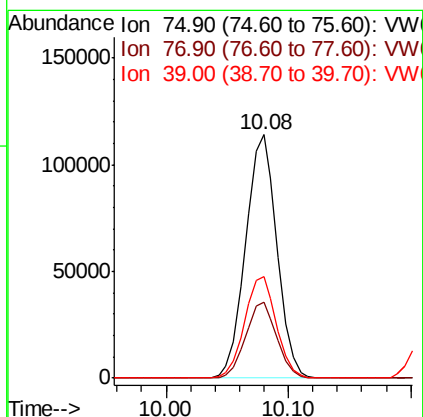
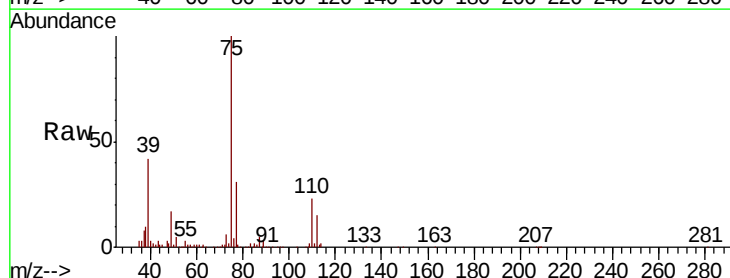
Tgt Ion: 75 Resp: 202850

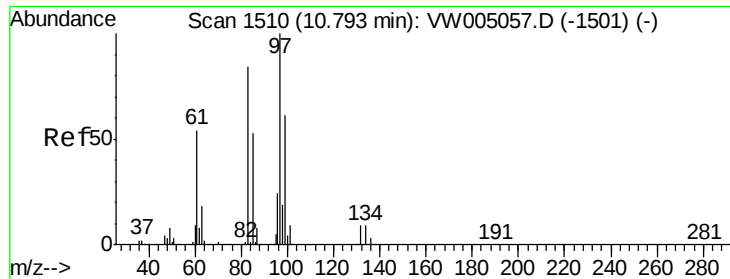
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

39 41.7 31.0 46.6





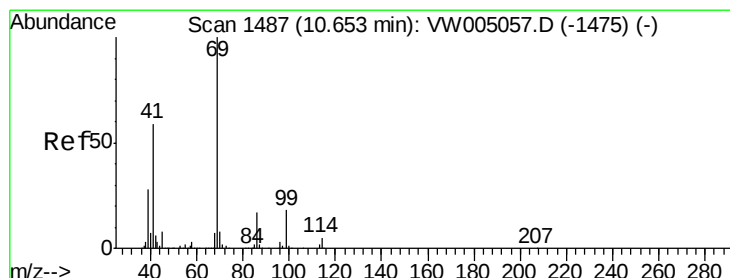
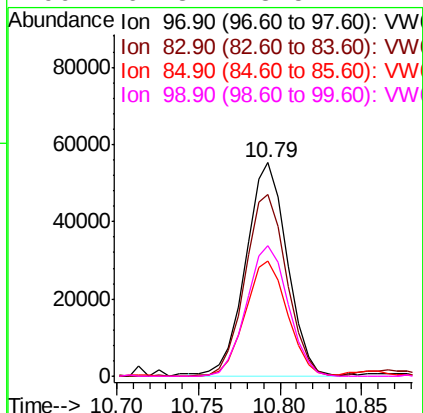
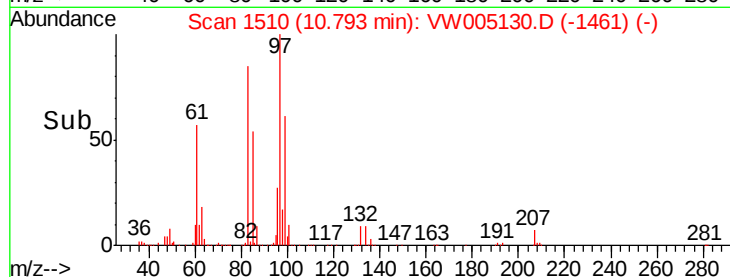
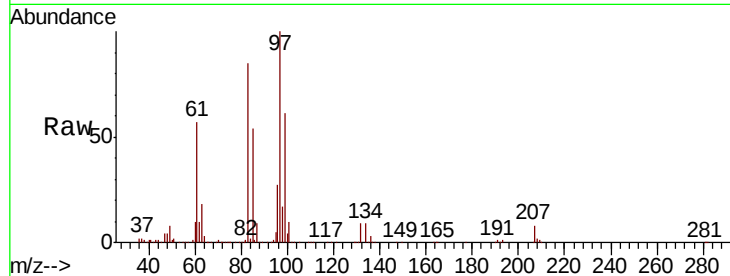
#55
1,1,2-Trichloroethane
Concen: 21.71 ug/l
RT: 10.79 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		97133		
83	85.4	67.0	100.6		
85	53.9	42.3	63.5		
99	61.3	48.5	72.7		

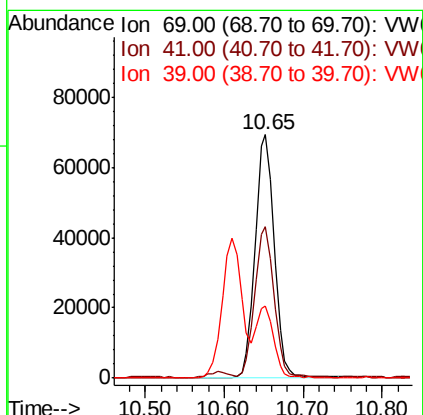
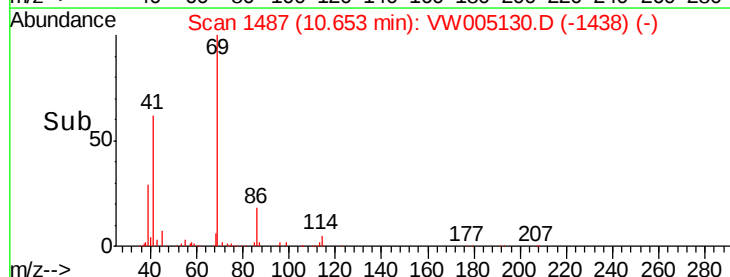
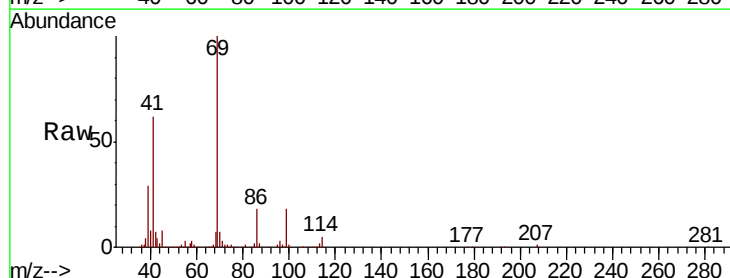
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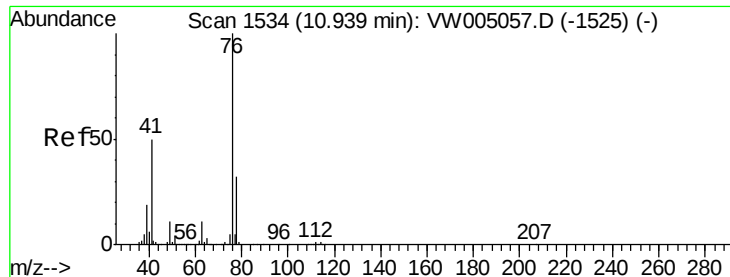
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#56
Ethyl methacrylate
Concen: 23.04 ug/l
RT: 10.65 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		117578		
41	62.2	47.8	71.6		
39	26.5	21.1	31.7		





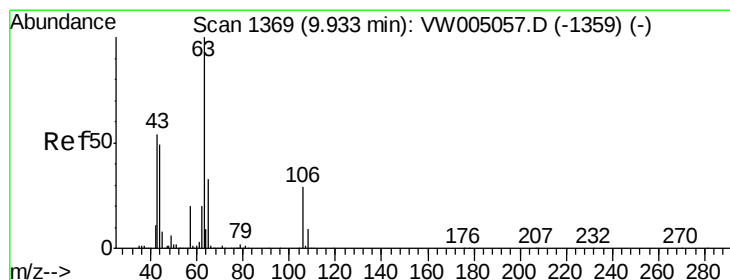
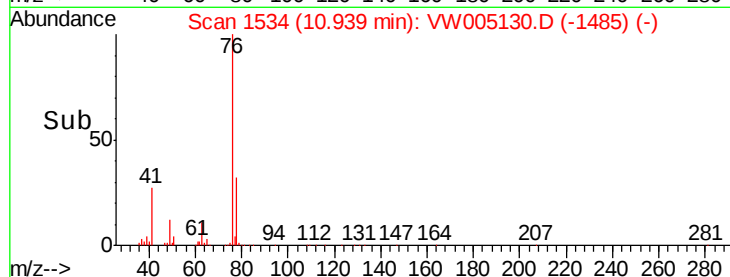
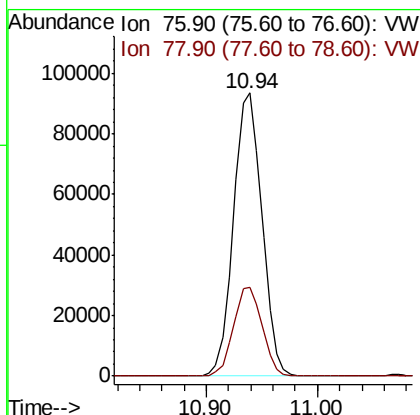
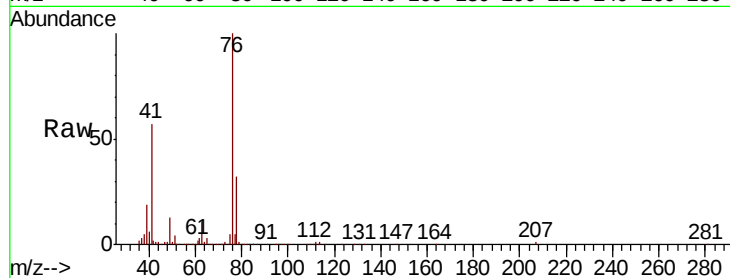
#57
 1,3-Dichloropropane
 Concen: 22.44 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.3	39.5

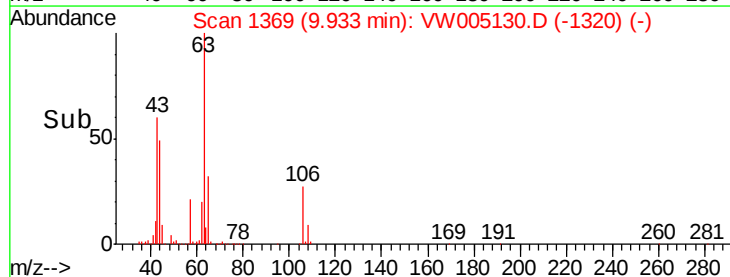
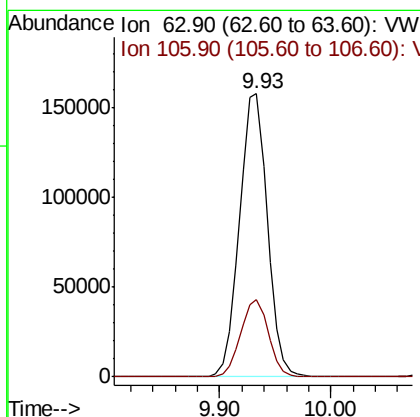
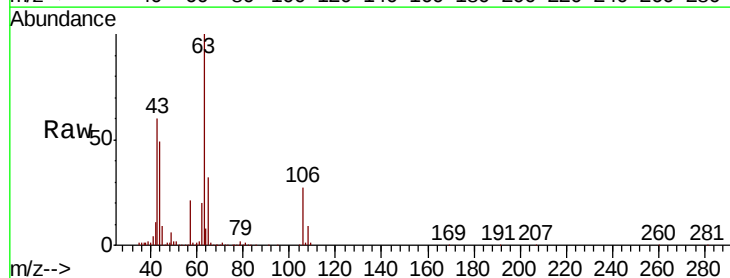
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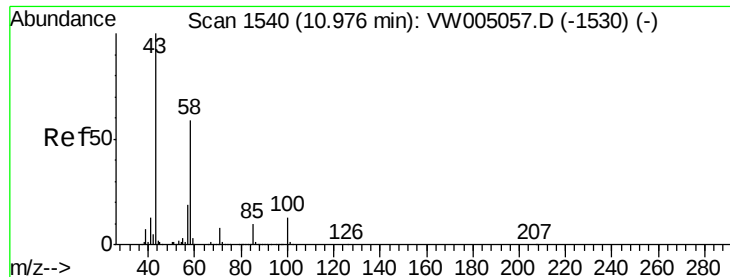
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#58
 2-Chloroethyl Vinyl ether
 Concen: 113.78 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	23.1	34.7





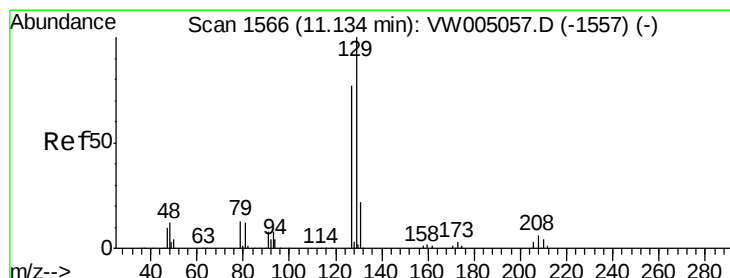
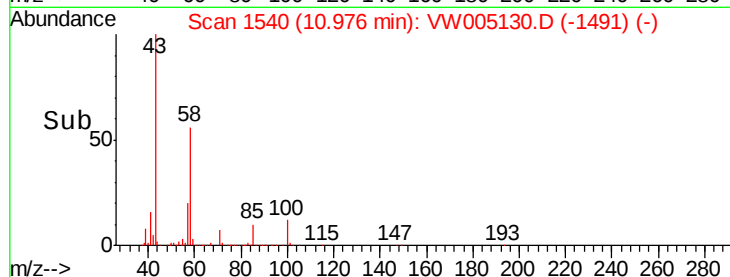
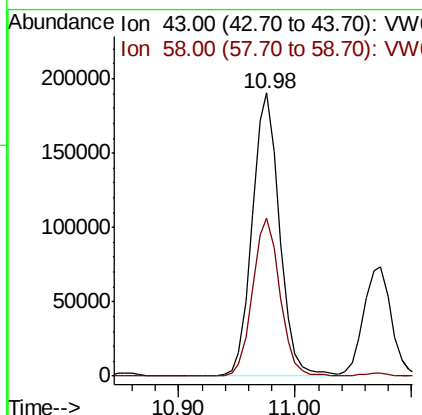
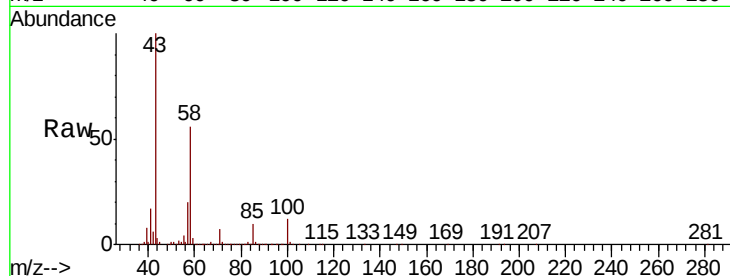
#59
2-Hexanone
Concen: 125.14 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS01

Tot Ion: 43 Resp: 311891
Ion Ratio Lower Upper
43 100
58 55.6 28.7 86.3

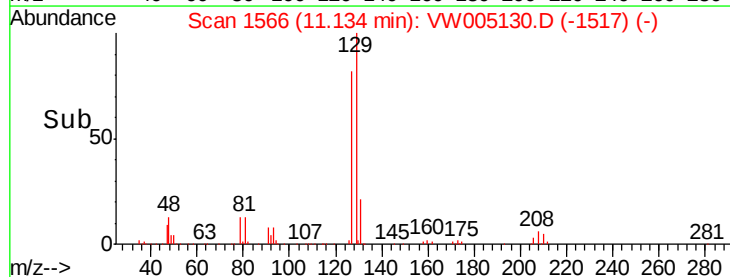
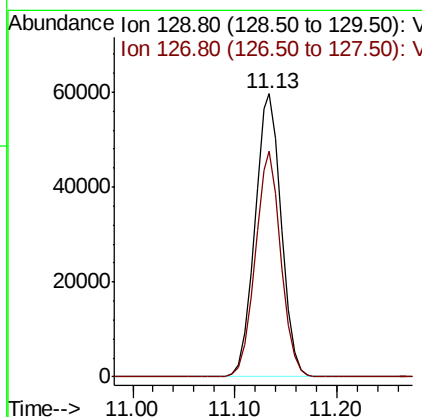
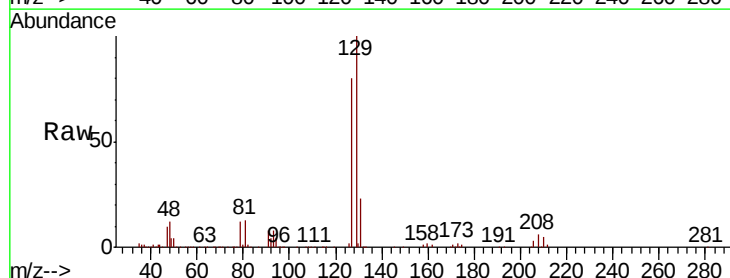
Manual Integrations
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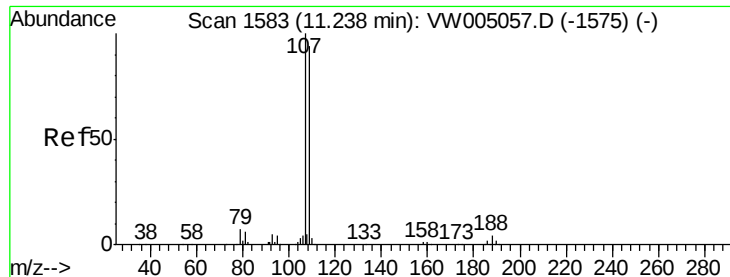
apatel
9/6/2018 12:02:31 PM



#60
Dibromochloromethane
Concen: 21.23 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion: 129 Resp: 107389
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 21.82 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS01

Tot Ion: 107 Resp: 88126

Ion Ratio Lower Upper

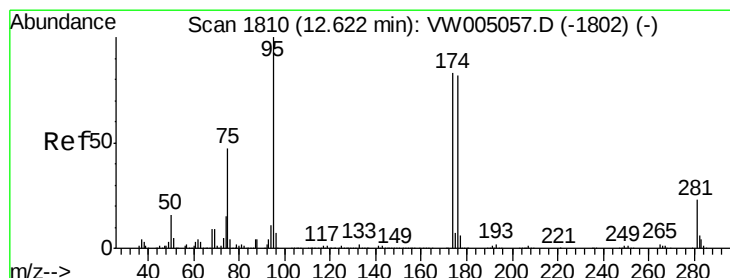
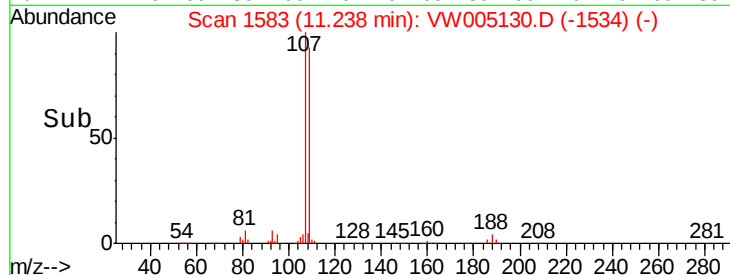
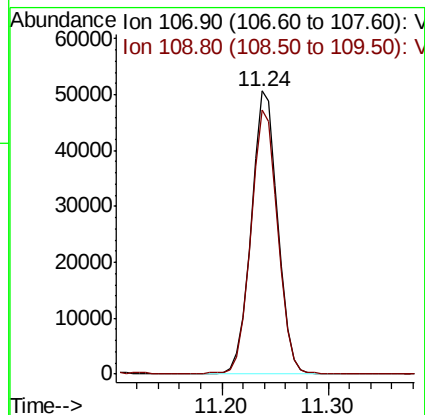
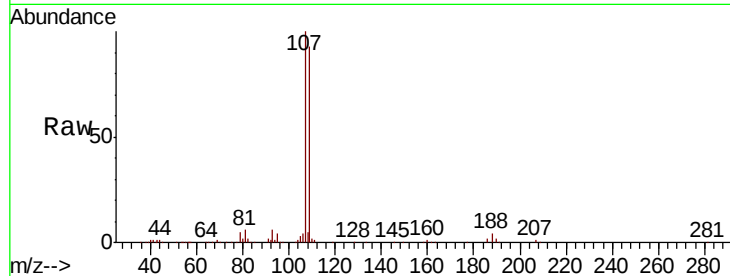
107 100

109 94.3 75.9 113.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 57.65 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

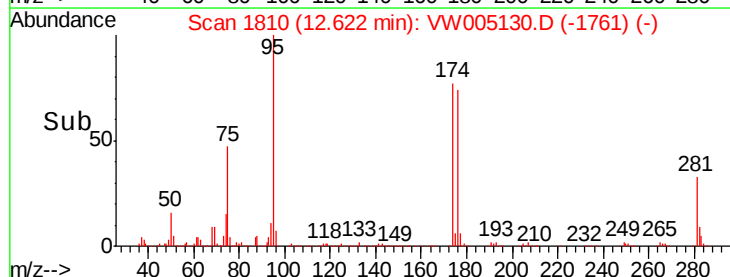
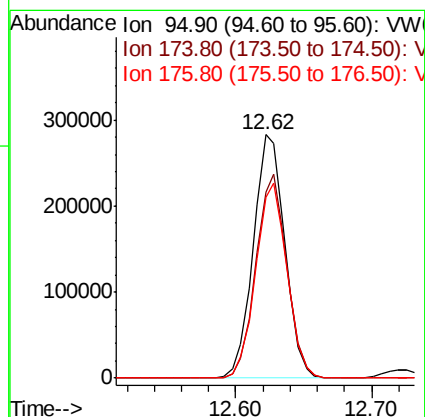
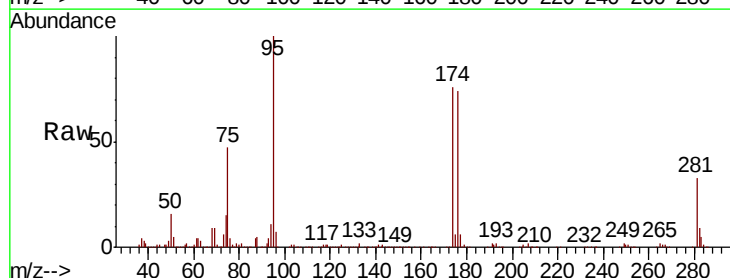
Tgt Ion: 95 Resp: 459221

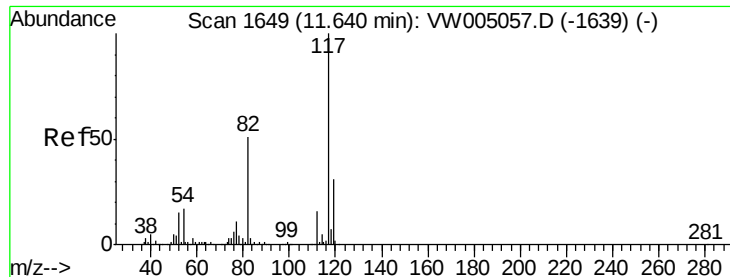
Ion Ratio Lower Upper

95 100

174 82.5 0.0 173.4

176 79.7 0.0 167.4





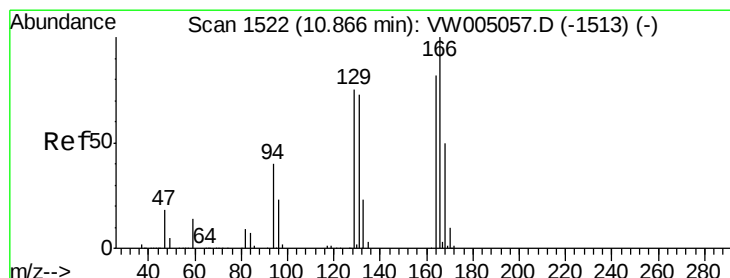
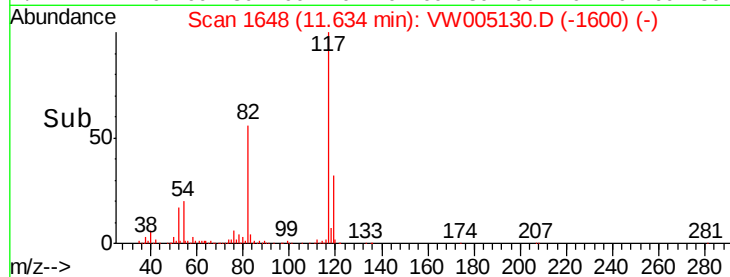
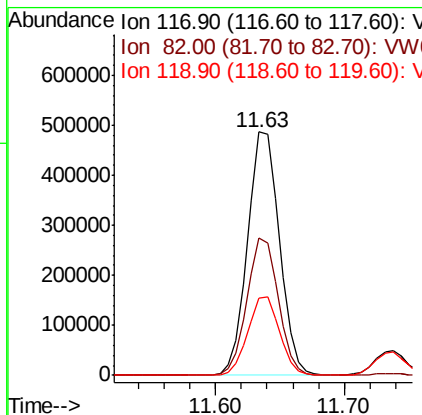
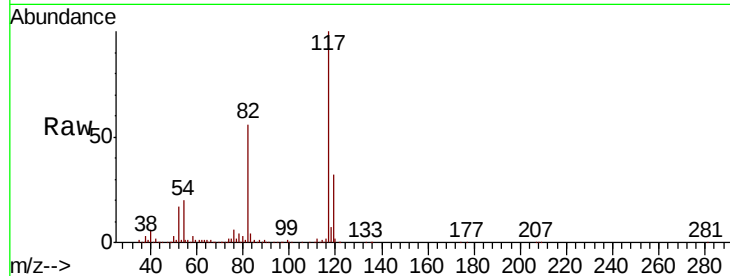
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	40.9	61.3
119	31.6	24.9	37.3

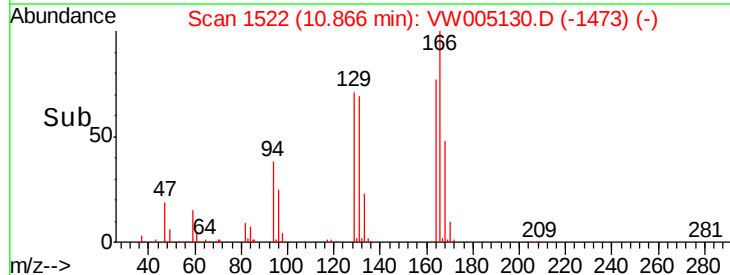
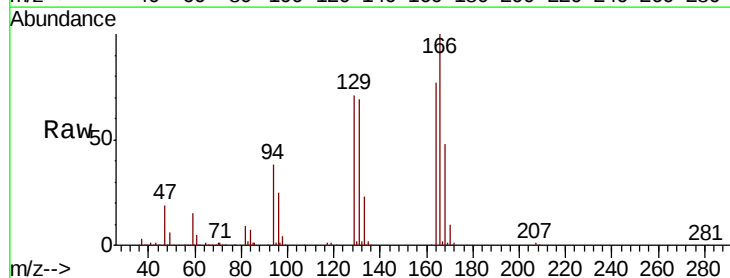
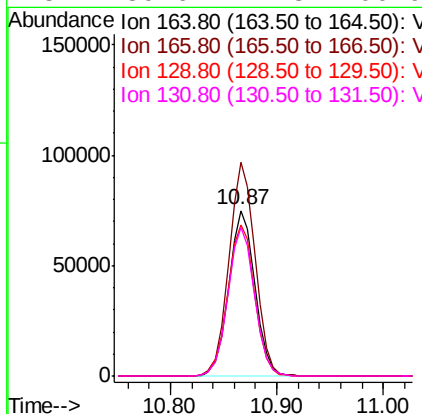
Manual Integrations
APPROVED

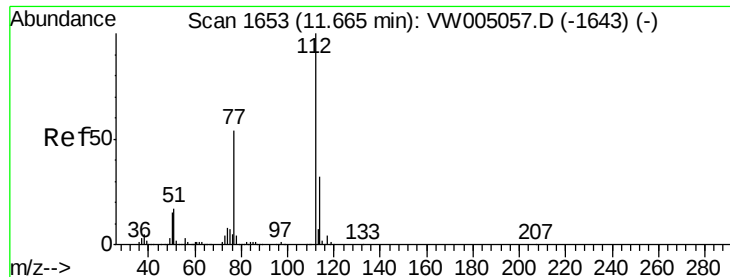
apatel
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#64
Tetrachloroethene
Concen: 19.76 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	97.3	145.9
129	91.8	73.1	109.7
131	89.6	71.3	106.9





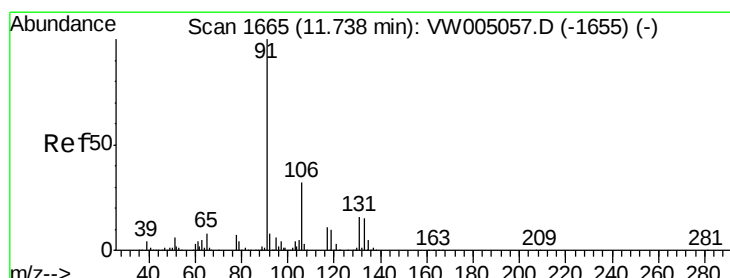
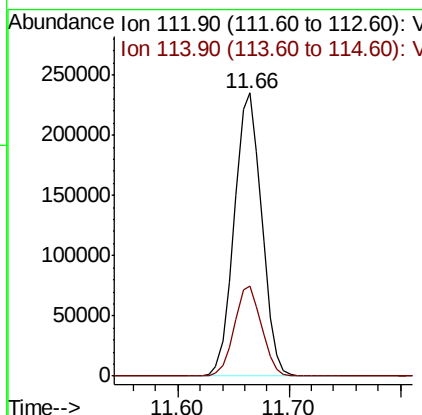
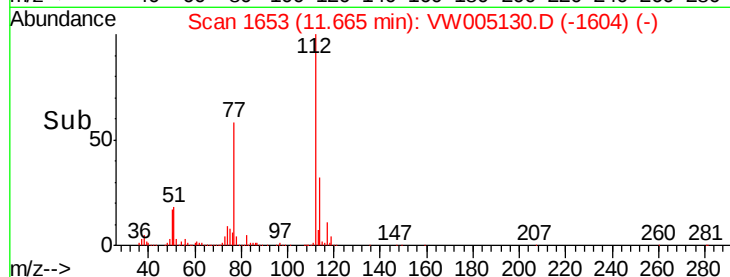
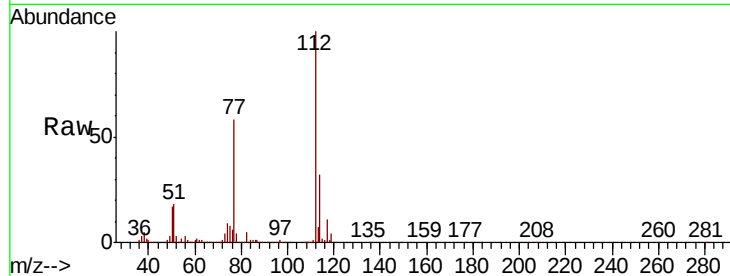
#65
Chlorobenzene
Concen: 21.41 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS01

Tot Ion:112 Resp: 400665
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0

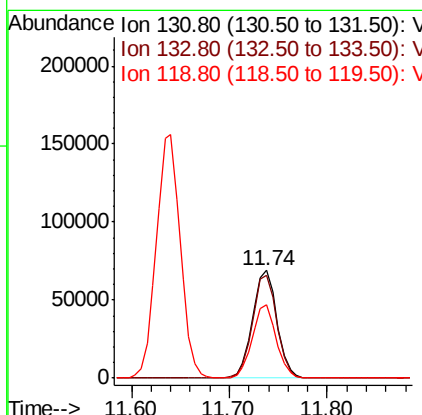
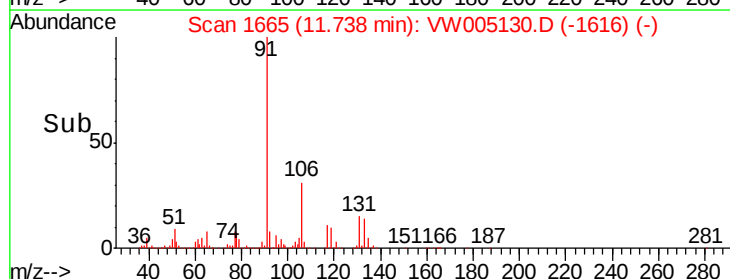
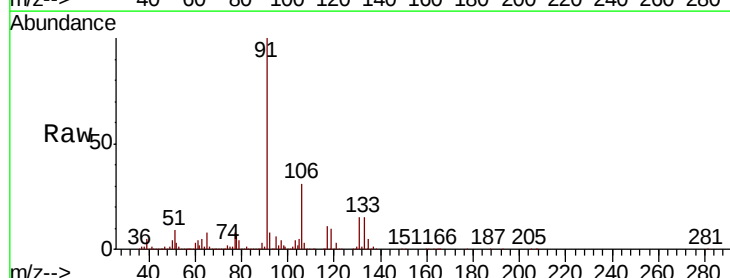
Manual Integrations
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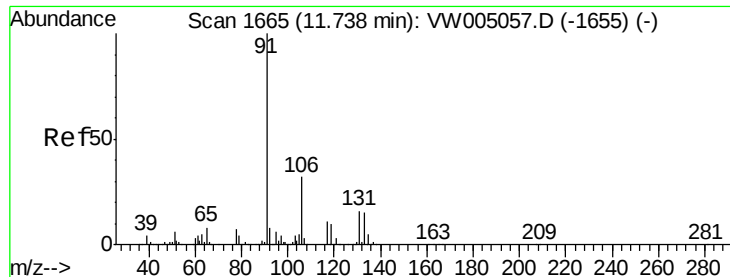
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.89 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion:131 Resp: 119433
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.3
119 66.2 33.4 100.1





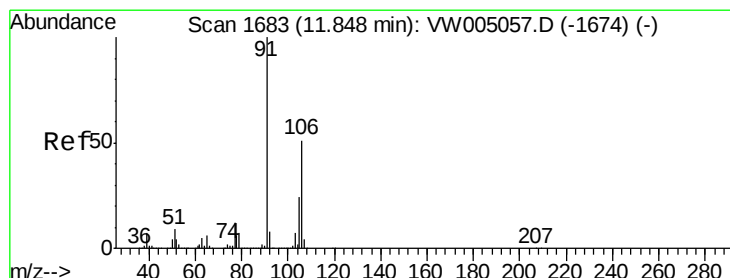
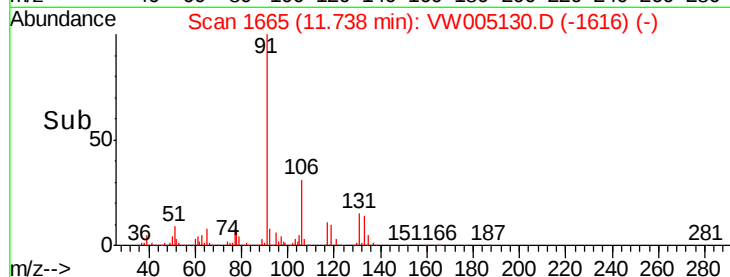
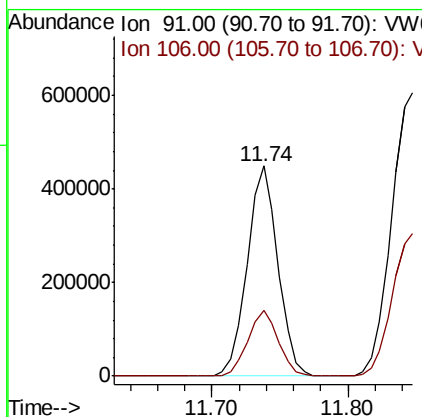
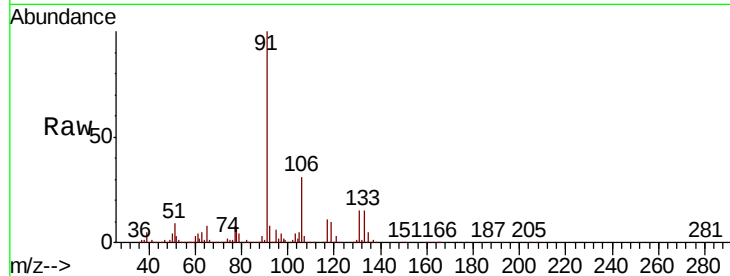
#67
Ethyl Benzene
Concen: 22.39 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.3	37.9

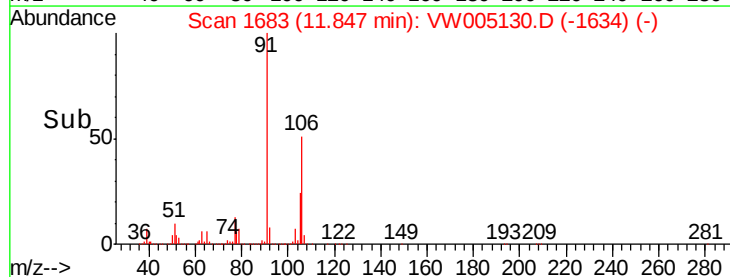
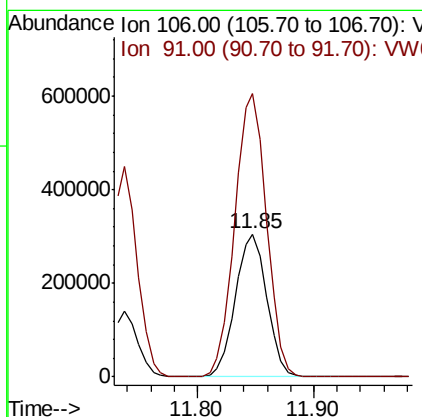
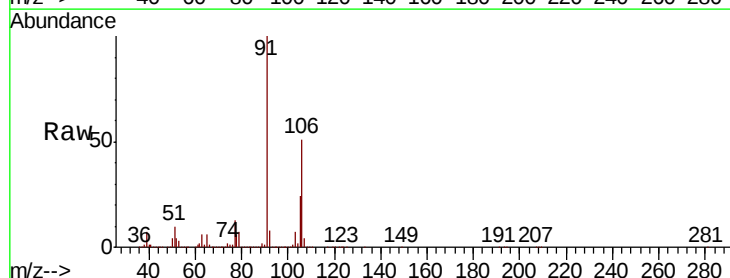
Manual Integrations
APPROVED

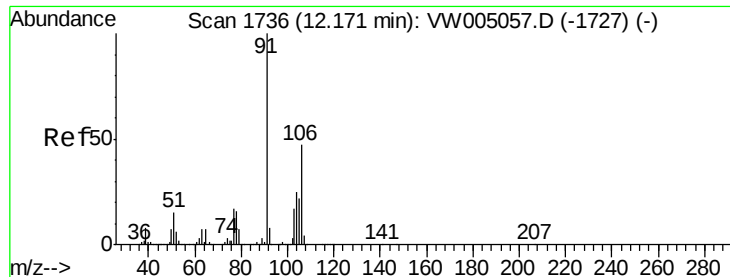
apatel
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#68
m/p-Xylenes
Concen: 45.30 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.1	158.4	237.6





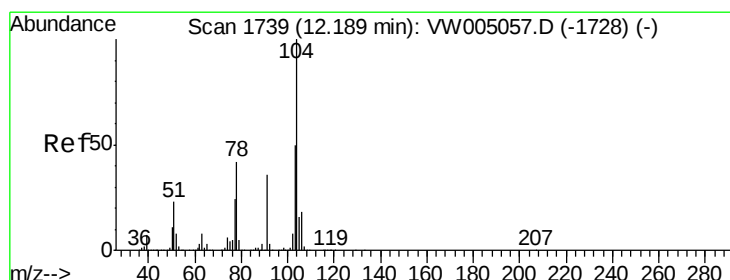
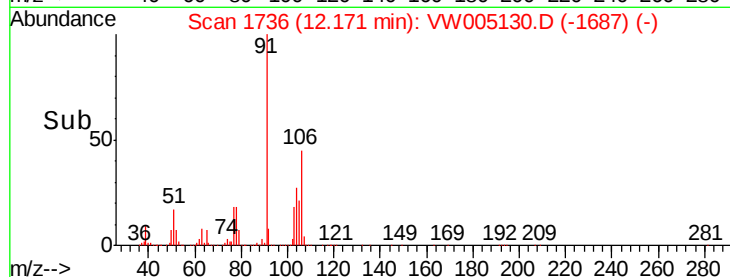
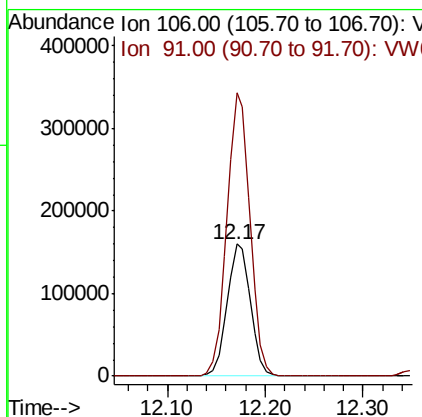
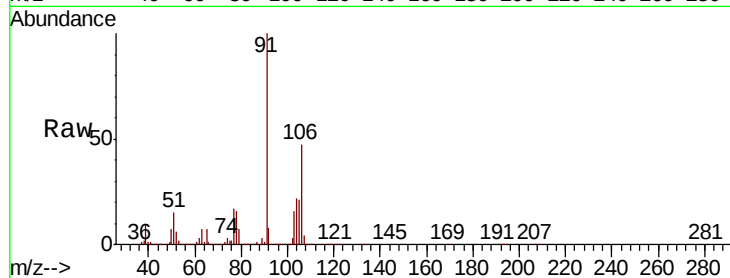
#69
o-Xylene
Concen: 22.45 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		262871		
91	212.8	105.6	316.8		

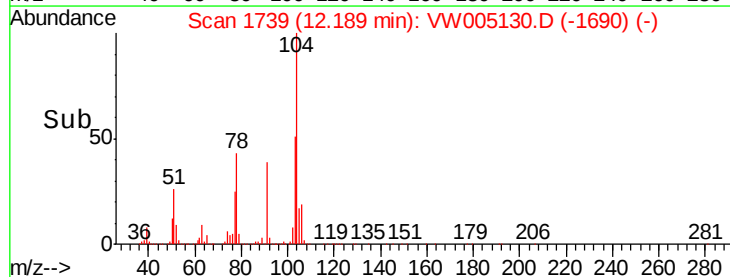
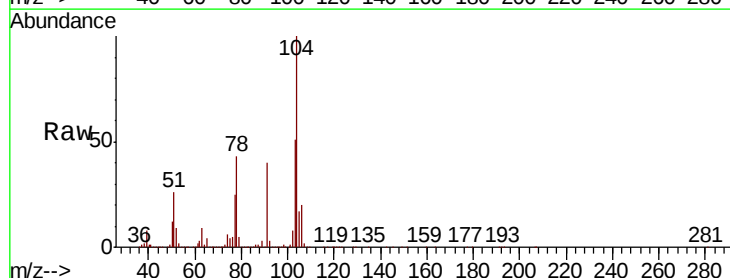
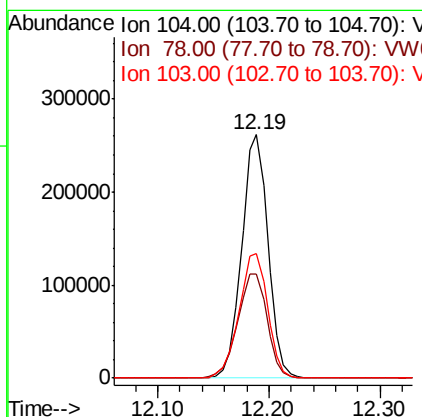
Manual Integrations
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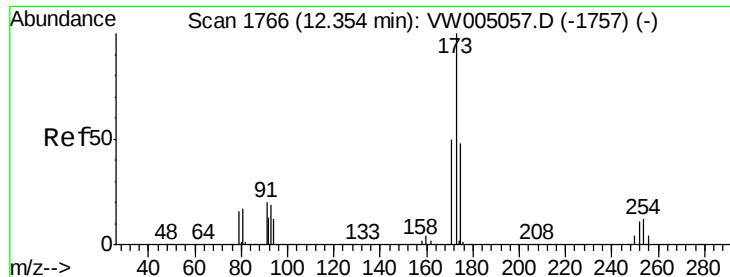
apatel
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#70
Styrene
Concen: 22.18 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		428966		
78	48.0	37.8	56.6		
103	56.1	44.1	66.1		





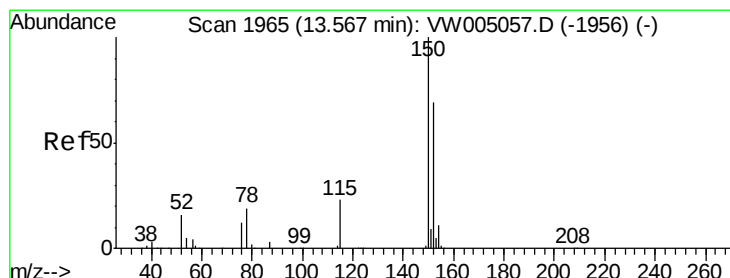
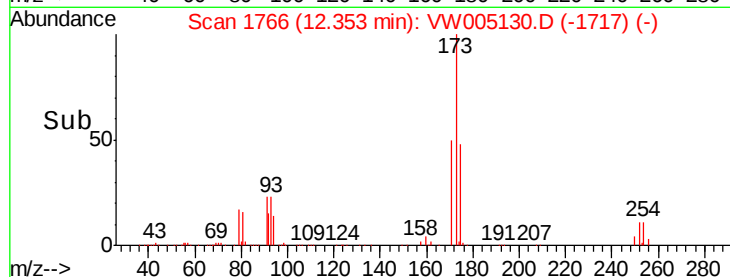
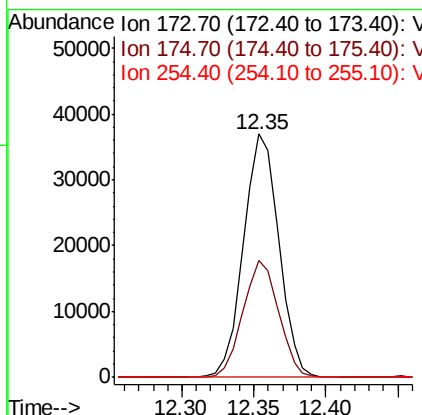
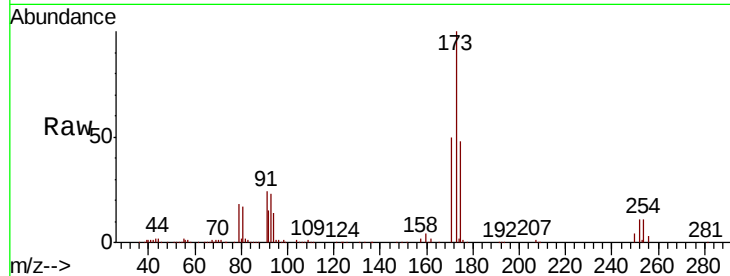
#71
Bromoform
Concen: 20.70 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.2
254	0.0	0.2	0.2

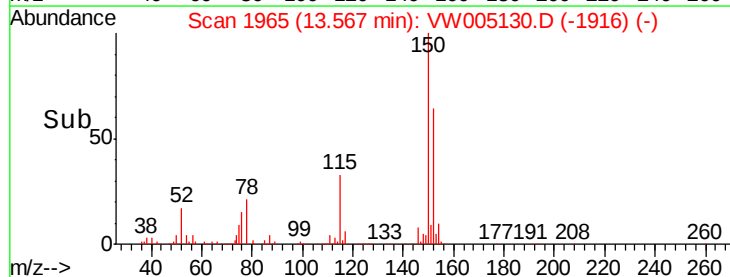
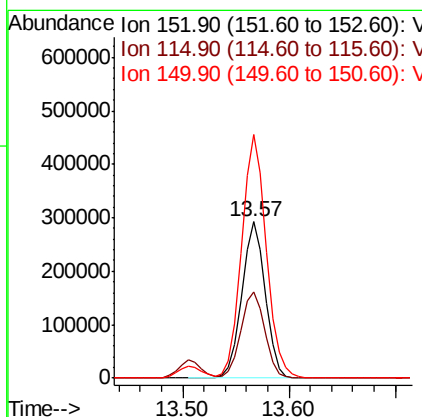
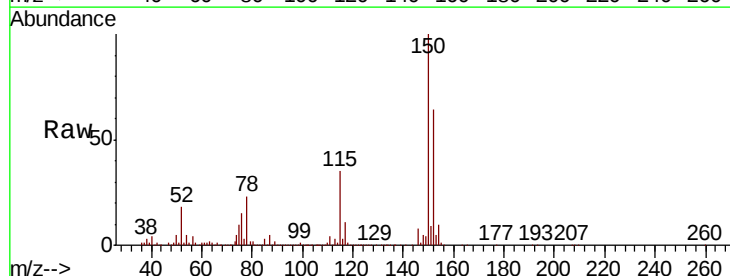
Manual Integrations
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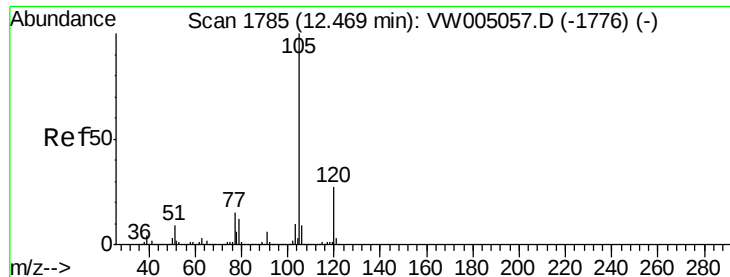
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.8	83.4
150	163.8	0.0	351.4





#73

Isopropylbenzene

Concen: 22.44 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

ClientSampled :

VW0905SBS01

Tot Ion: 105 Resp: 712874

Ion Ratio Lower Upper

105 100

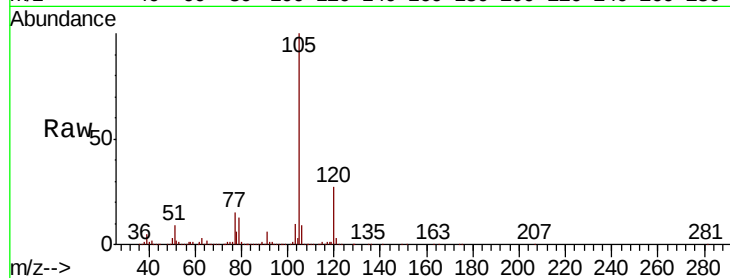
120 26.6 13.4 40.1

Manual Integrations

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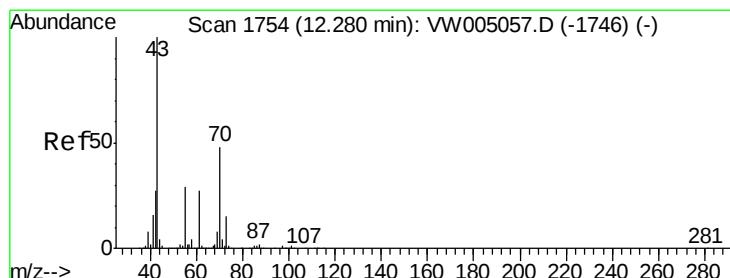
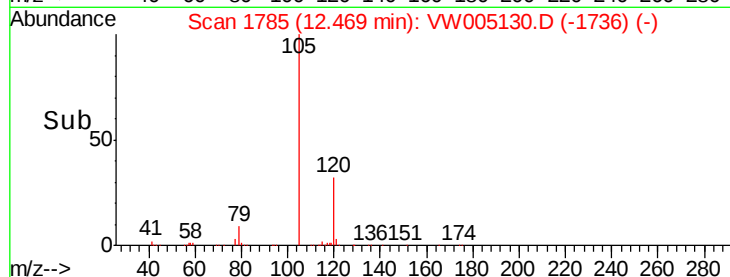
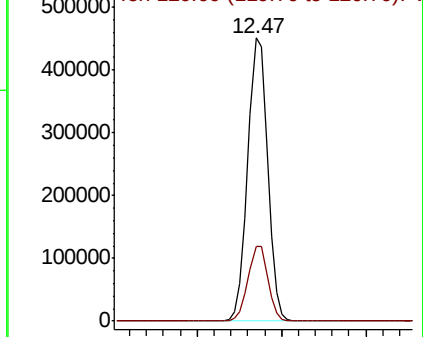
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.33 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Tgt Ion: 43 Resp: 133090

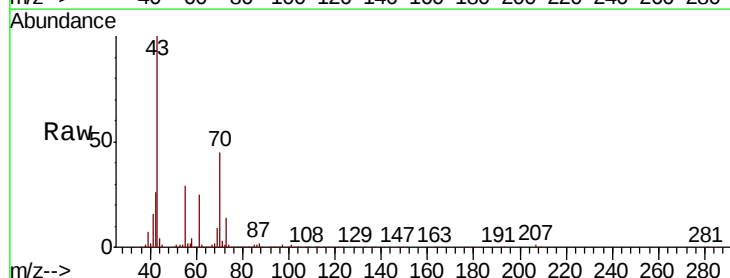
Ion Ratio Lower Upper

43 100

70 45.0 38.2 57.4

55 28.5 23.2 34.8

61 25.4 20.6 31.0

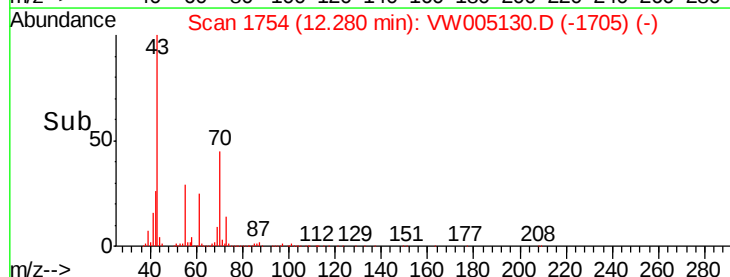
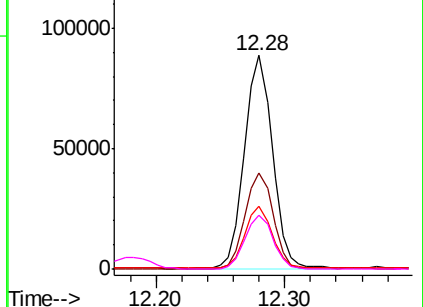


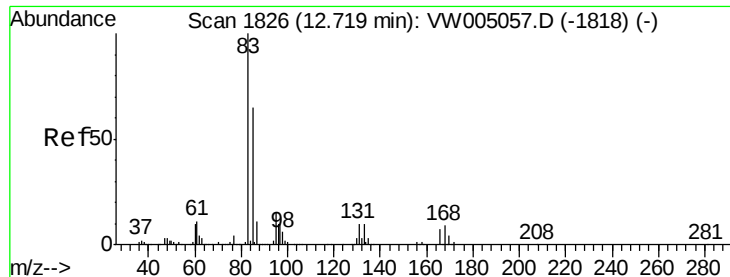
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 22.17 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

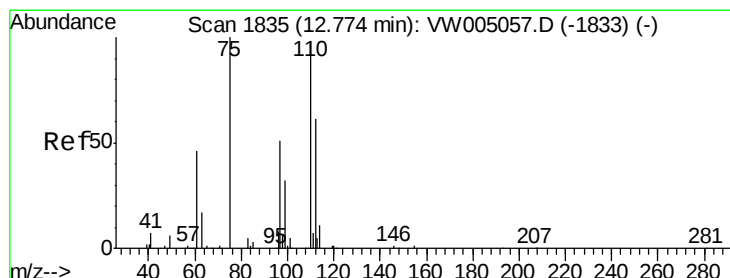
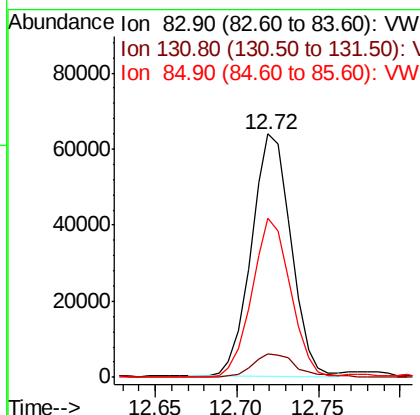
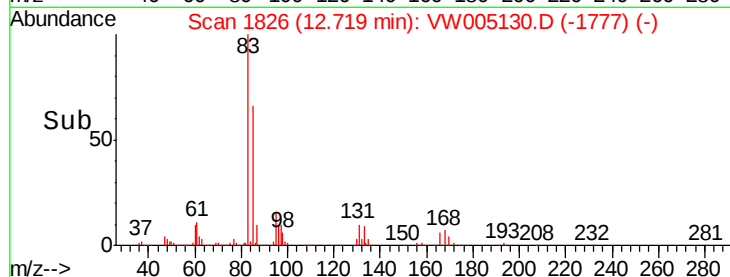
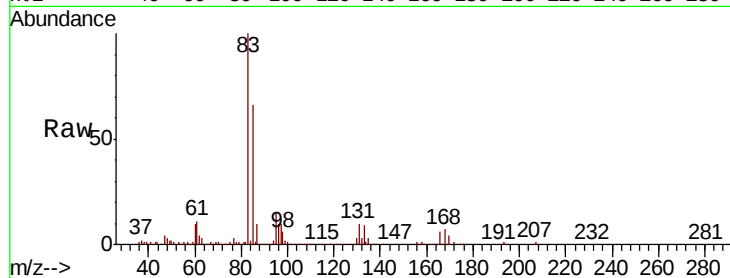
ClientSampled :

VW0905SBS01

Tot Ion:	83	Resp:	107235
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	64.2	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.74 ug/l m

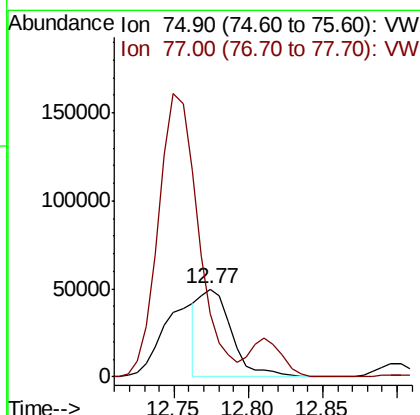
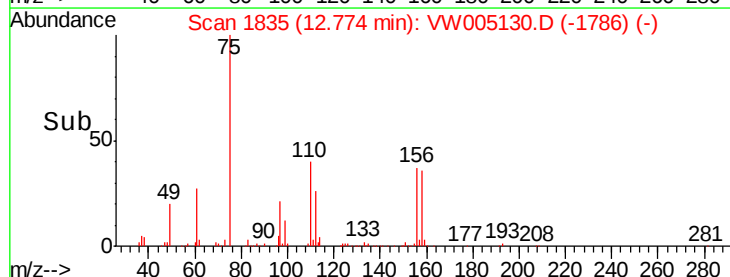
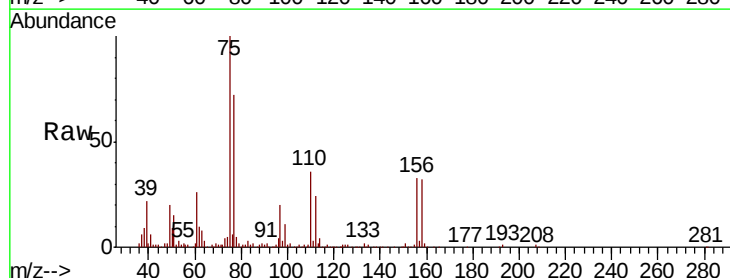
RT: 12.77 min Scan# 1835

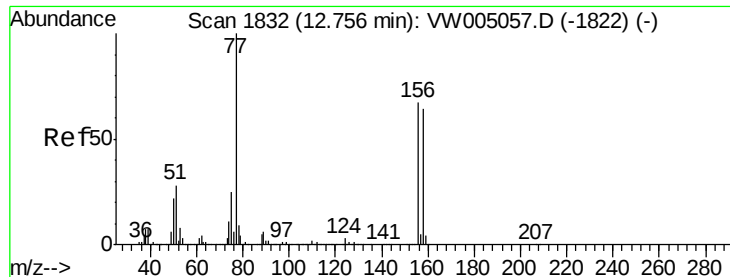
Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Tgt Ion:	75	Resp:	76907
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.93 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

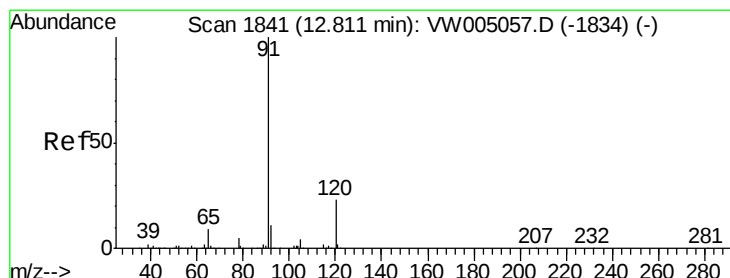
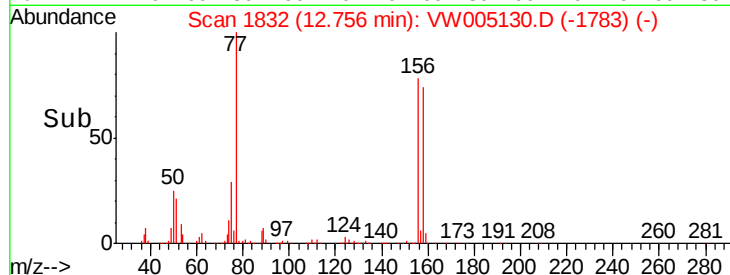
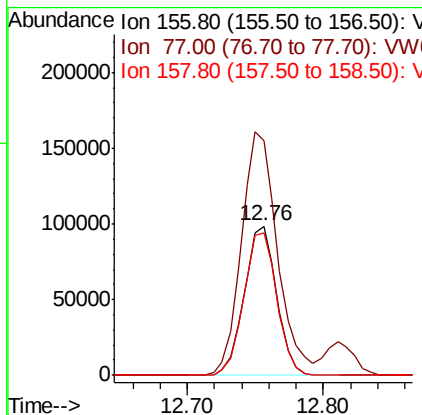
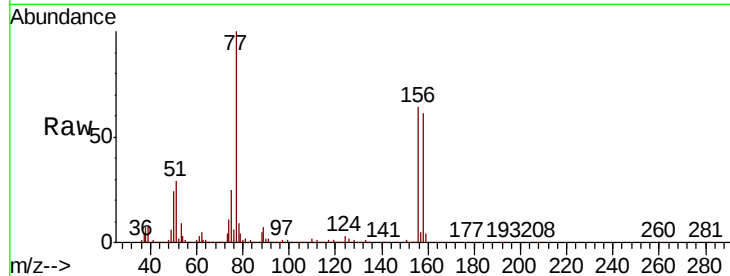
ClientSampled :

VW0905SBS01

Tot Ion:	156	Resp:	163810
Ion Ratio	Lower	Upper	
156	100		
77	181.1	85.8	257.4
158	97.2	48.1	144.4

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#78

n-propylbenzene

Concen: 23.12 ug/l

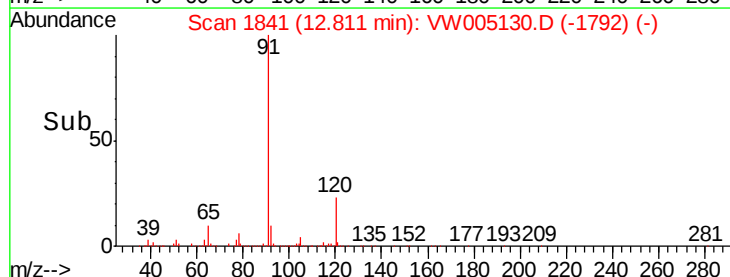
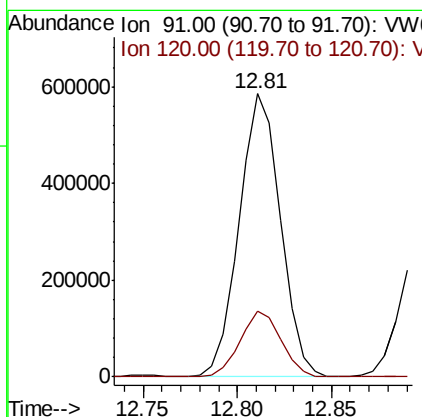
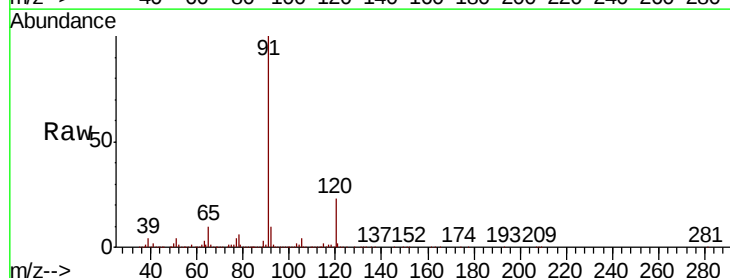
RT: 12.81 min Scan# 1841

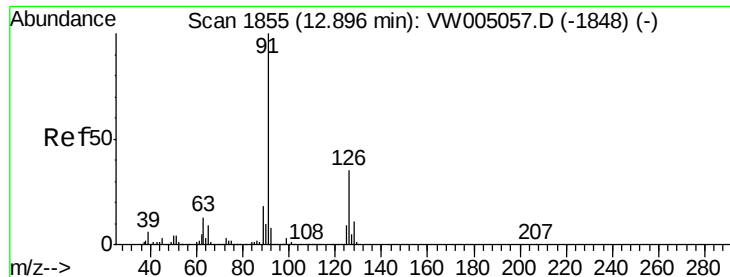
Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Tgt Ion:	91	Resp:	886907
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.8	35.3





#79

2-Chlorotoluene

Concen: 22.36 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBS01

Tot Ion: 91 Resp: 500357

Ion Ratio Lower Upper

91 100

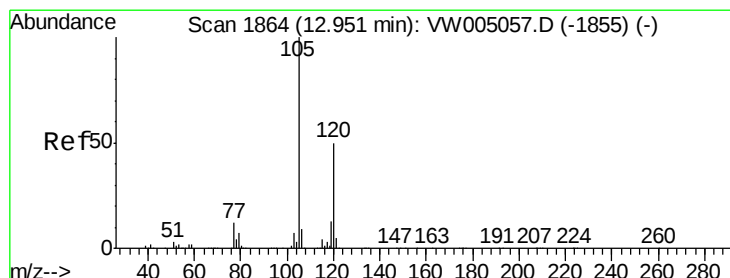
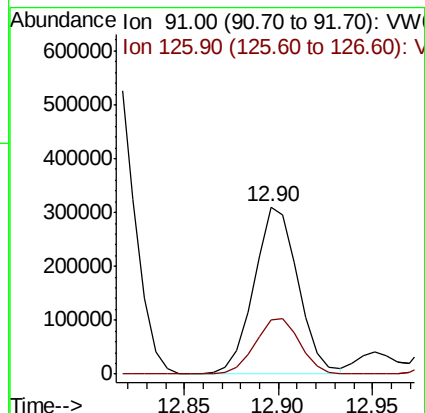
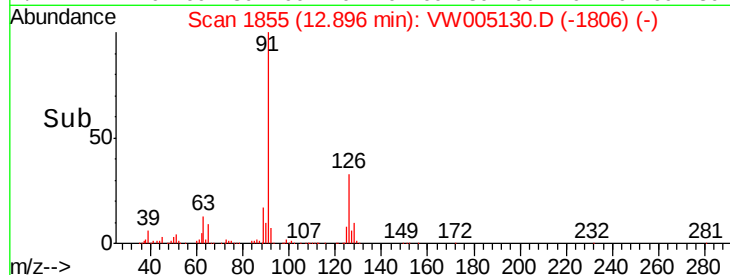
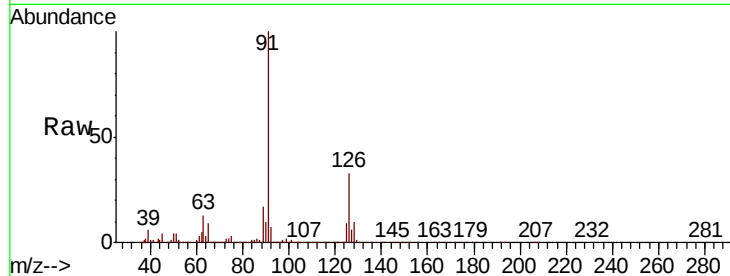
126 34.0 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 22.62 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005130.D

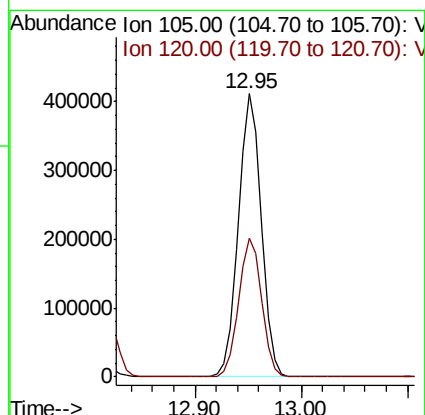
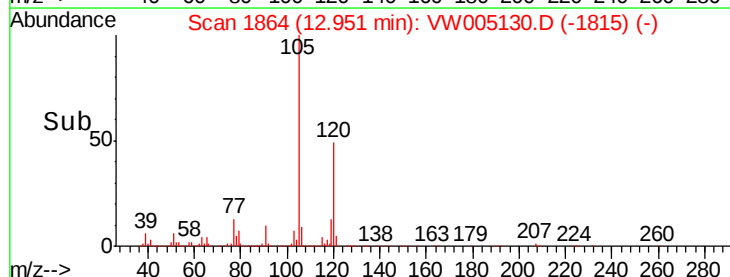
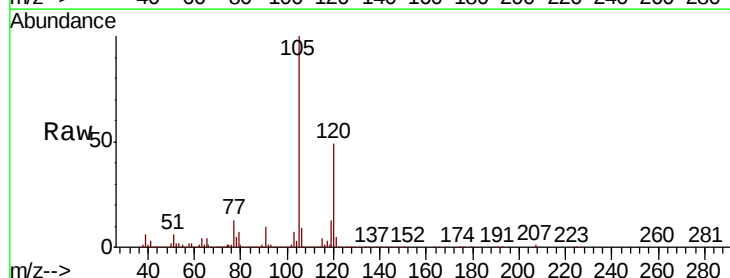
Acq: 05 Sep 2018 15:46

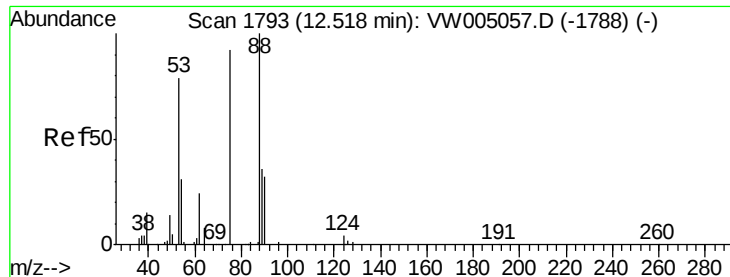
Tgt Ion: 105 Resp: 621429

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.8





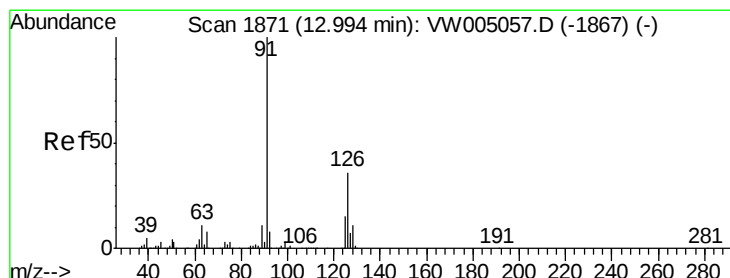
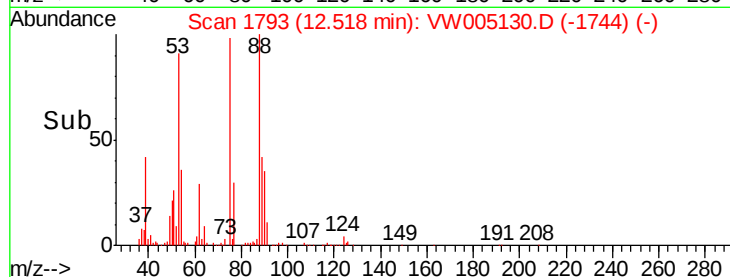
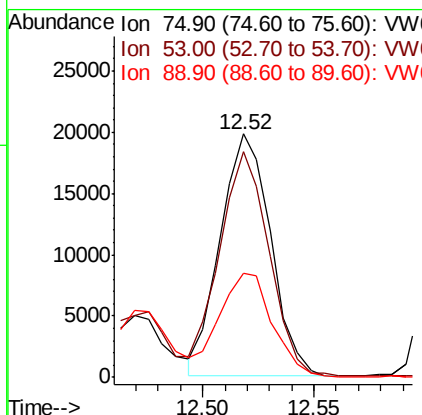
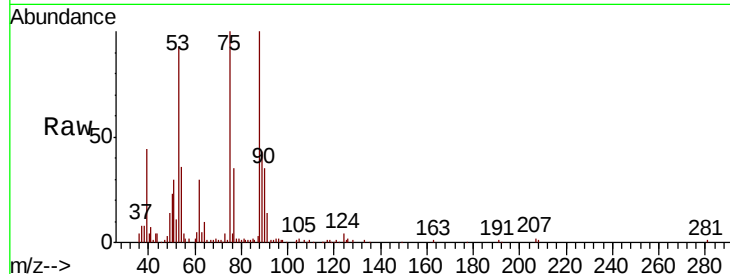
#81
trans-1,4-Dichloro-2-butene
Concen: 22.15 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampled :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	69.8	104.8
89	46.0	36.0	54.0

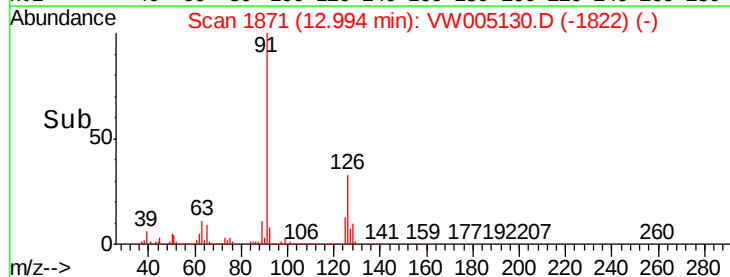
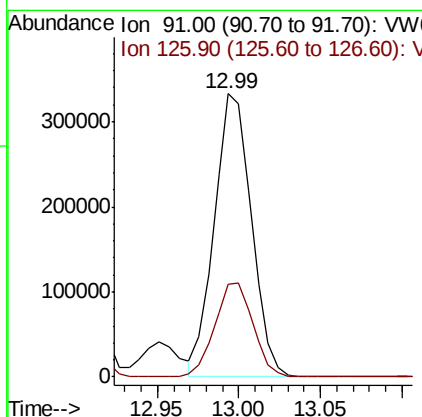
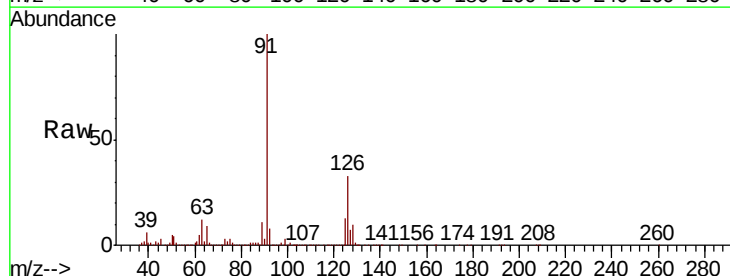
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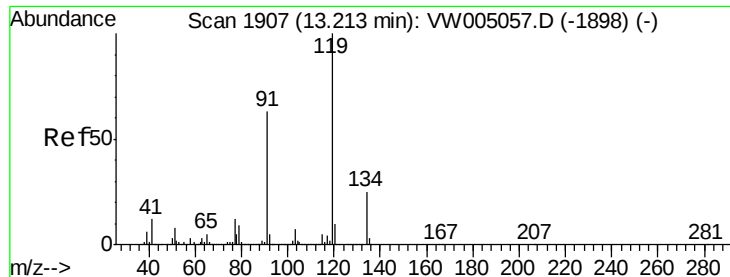
apatel
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#82
4-Chlorotoluene
Concen: 22.27 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.4	52.3





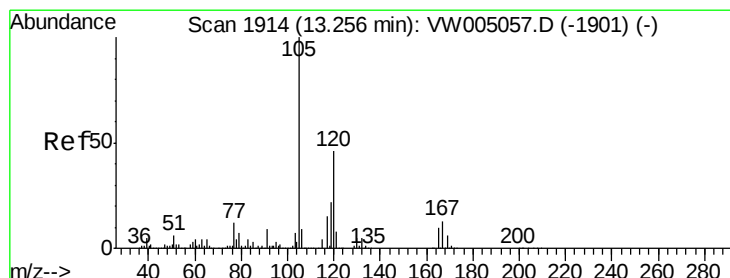
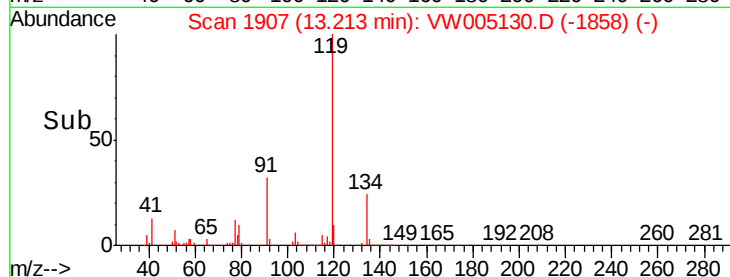
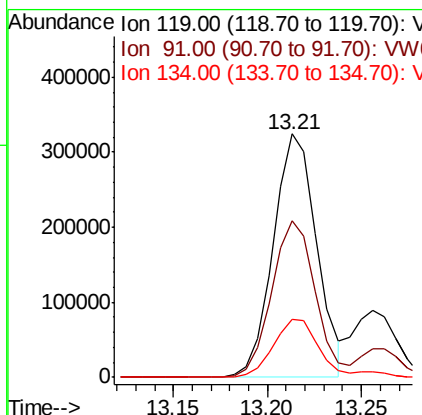
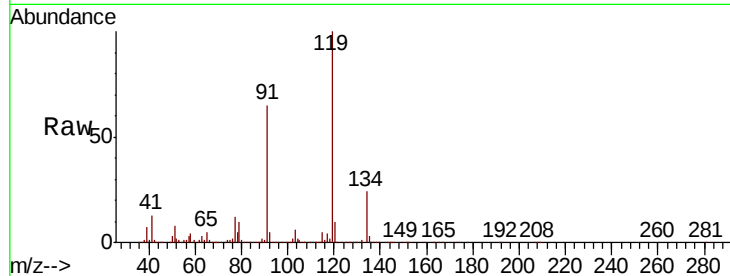
#83
tert-Butylbenzene
Concen: 22.53 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	516979		
91	64.9	31.8	95.4	
134	26.2	13.0	39.0	

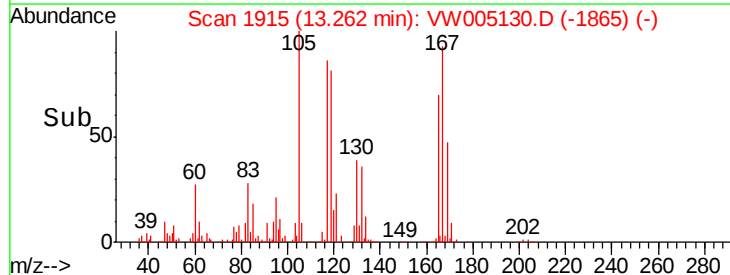
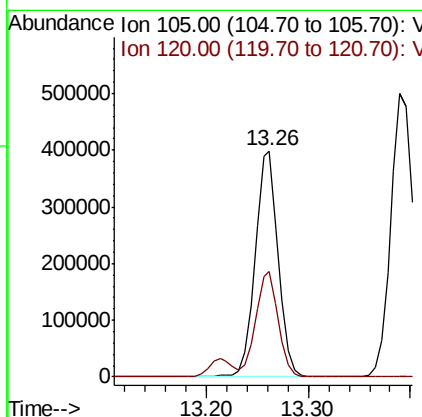
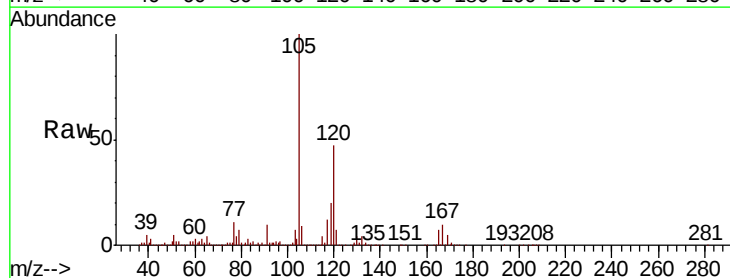
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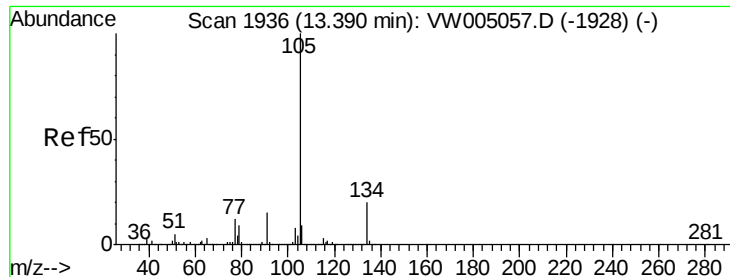
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#84
1,2,4-Trimethylbenzene
Concen: 22.41 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	626981		
120	45.7	23.1	69.3	





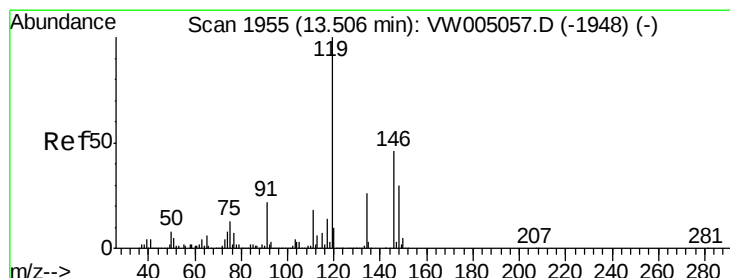
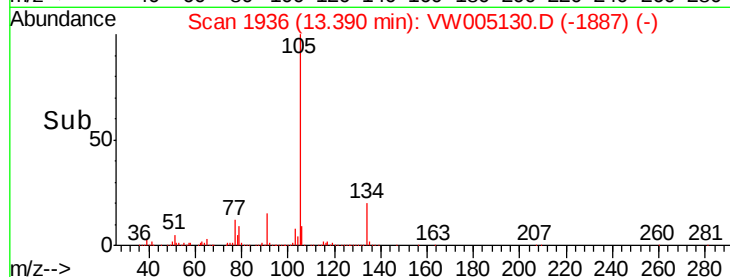
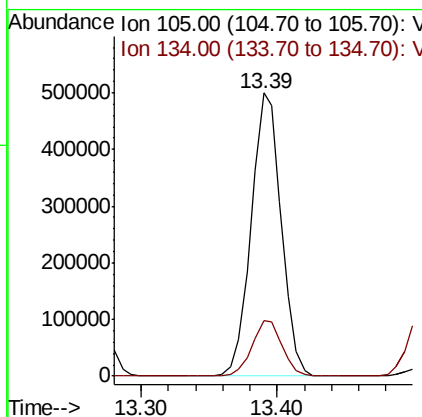
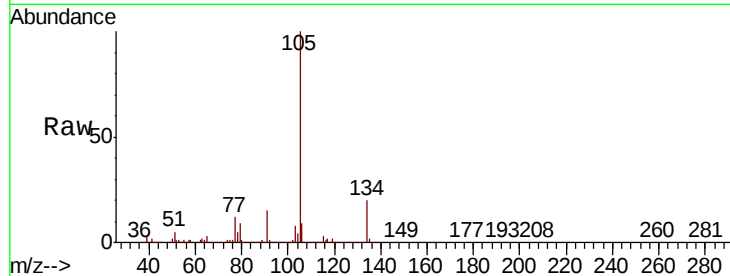
#85
 sec-Butylbenzene
 Concen: 22.88 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampled :
 VW0905SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.3

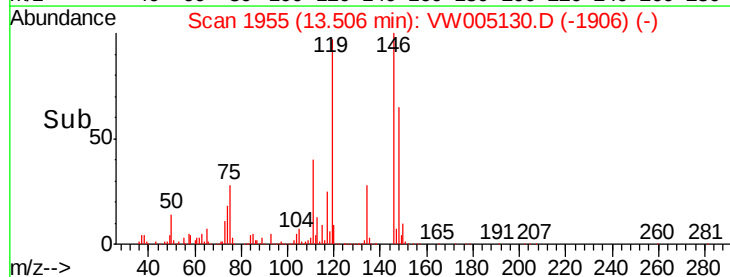
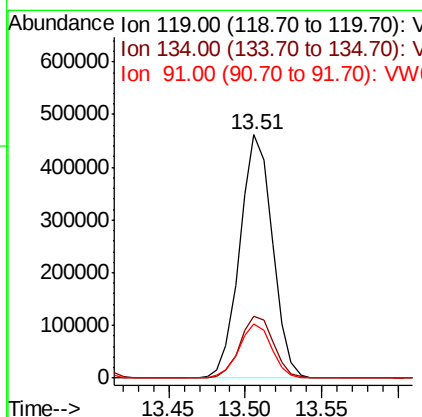
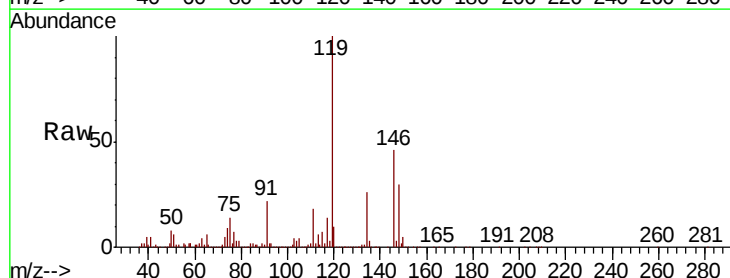
Manual Integrations
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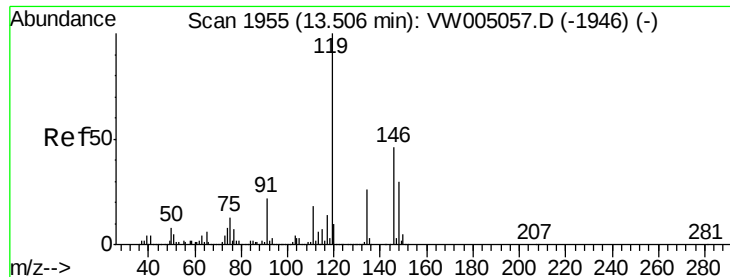
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#86
 p-Isopropyltoluene
 Concen: 22.86 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.8
91	22.2	10.9	32.9





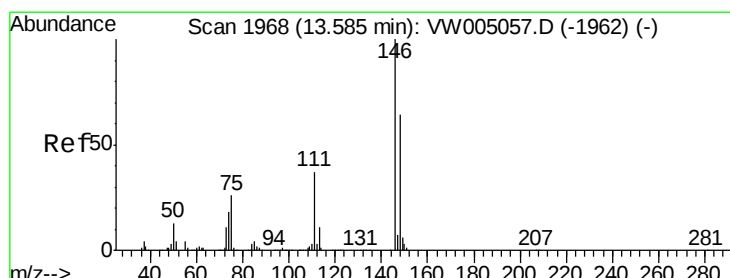
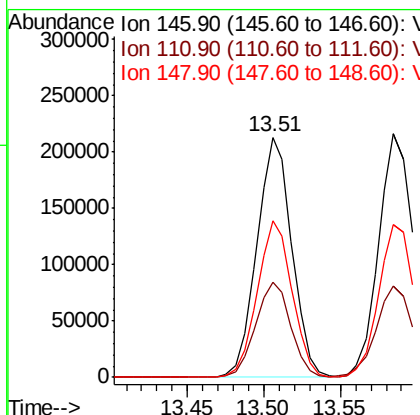
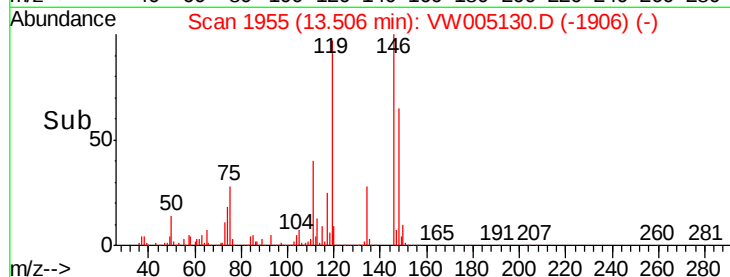
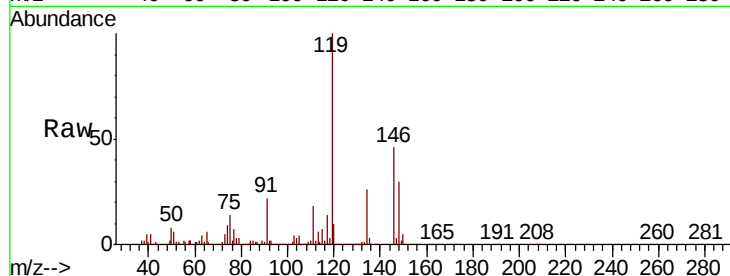
#87
 1,3-Dichlorobenzene
 Concen: 21.06 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.2	57.6
148	65.1	31.9	95.7

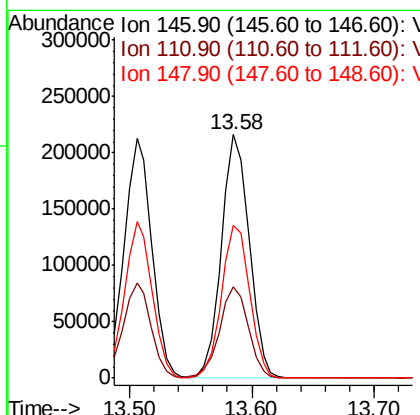
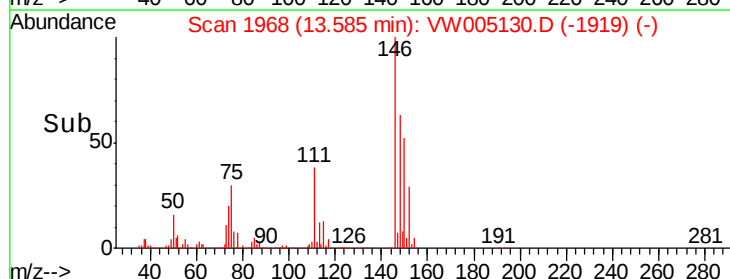
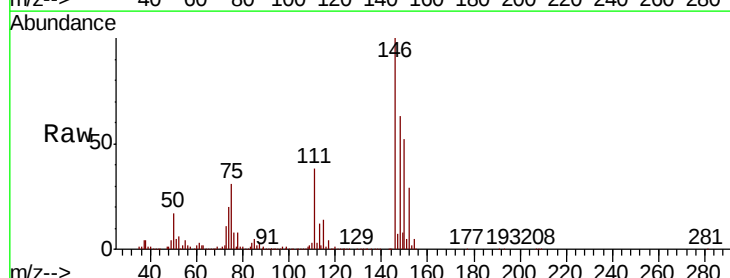
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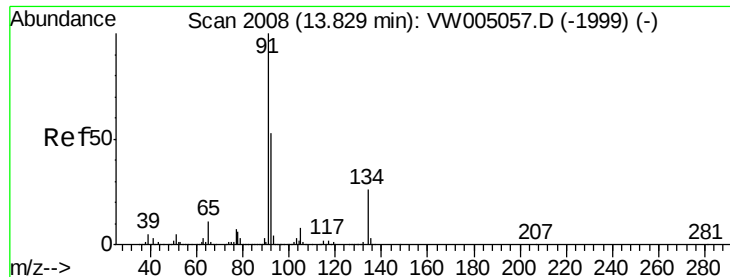
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#88
 1,4-Dichlorobenzene
 Concen: 21.30 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW005130.D
 Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.6	56.0
148	64.0	32.0	96.0





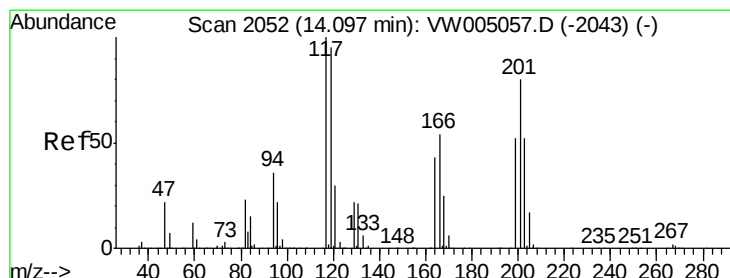
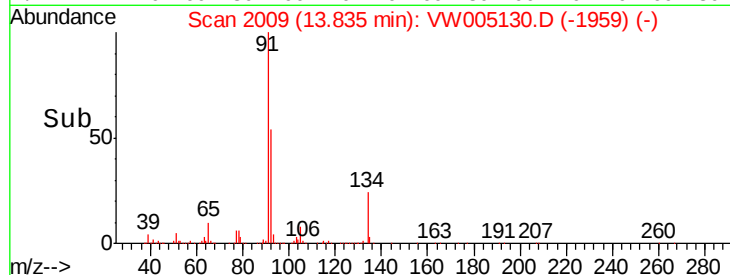
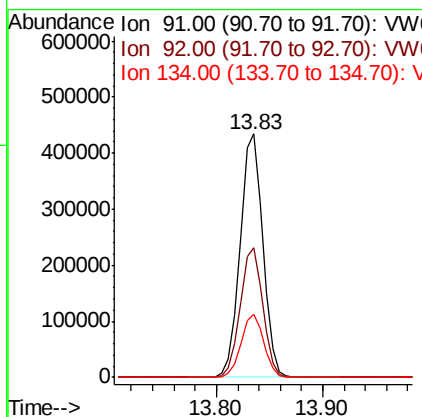
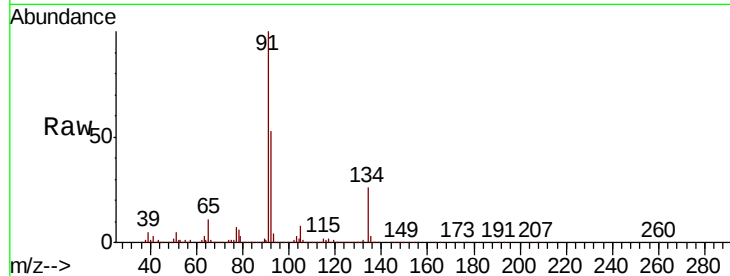
#89
n-Butylbenzene
Concen: 23.51 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	25.8	13.5	40.4

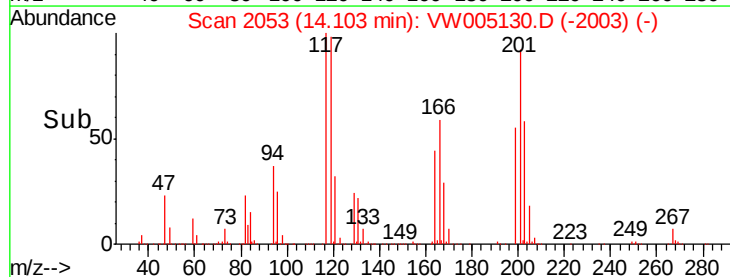
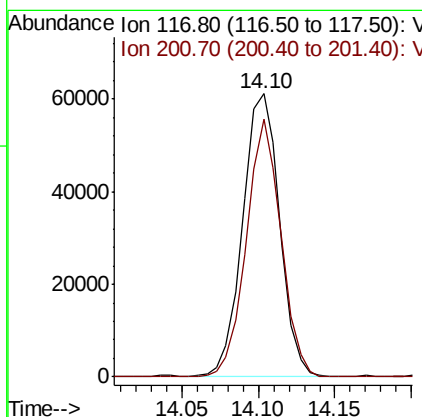
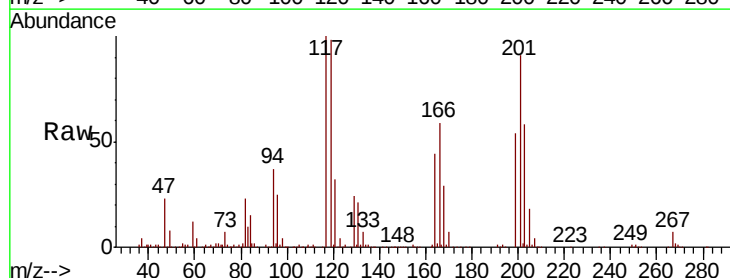
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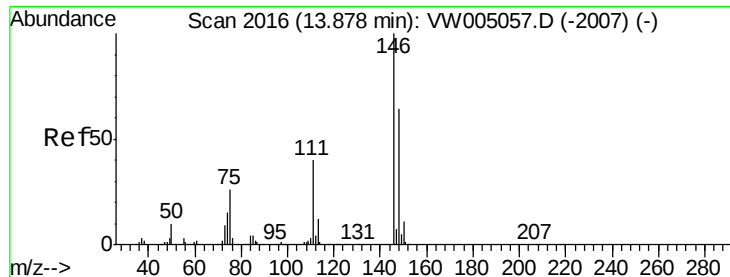
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#90
Hexachloroethane
Concen: 20.53 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.9	44.6	133.8





#91

1,2-Dichlorobenzene

Concen: 21.49 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

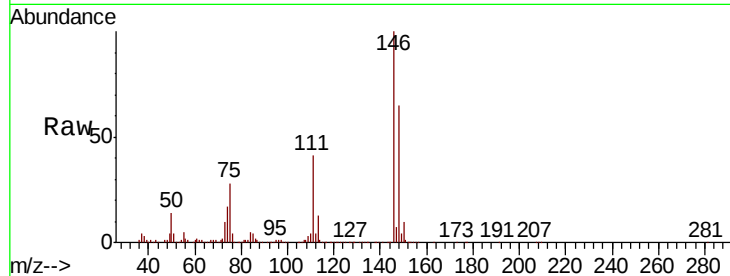
ClientSampled :

VW0905SBS01

Tot Ion:	146	Resp:	301212
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.9	59.7
148	64.2	31.9	95.9

Manual Integrations
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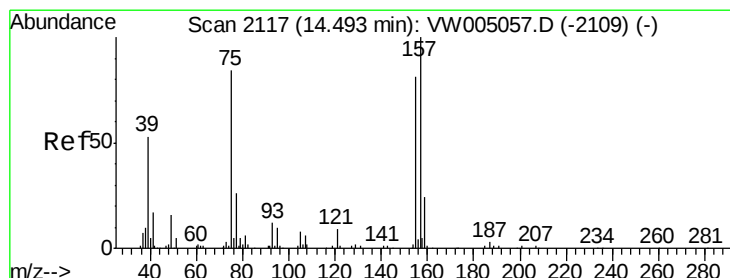
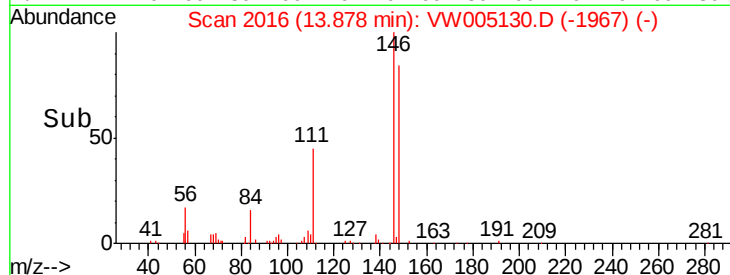
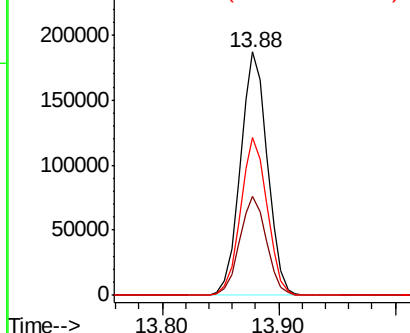


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.07 ug/l

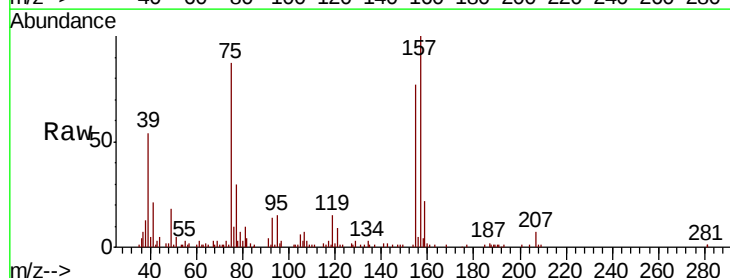
RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Tgt Ion:	75	Resp:	16682
Ion Ratio	Lower	Upper	
75	100		
155	87.2	46.0	137.8
157	115.6	58.6	175.7

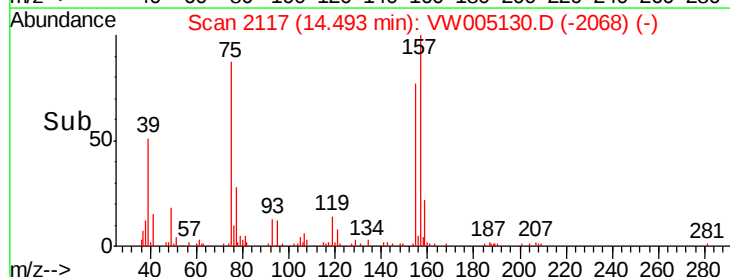
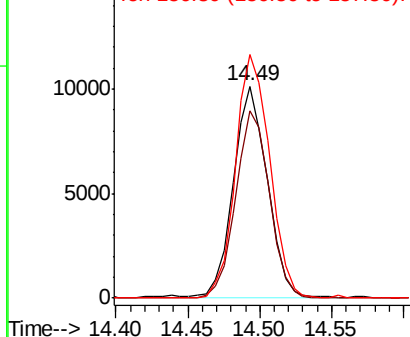


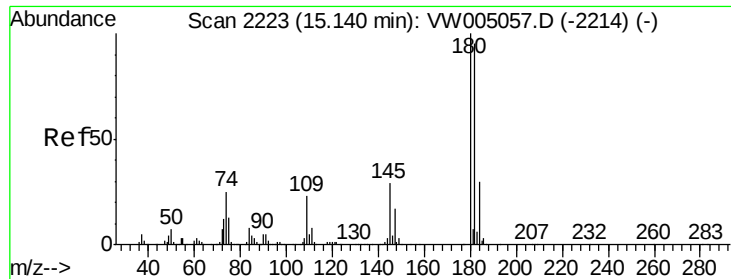
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





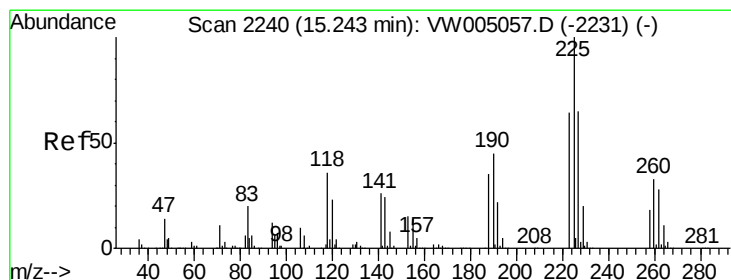
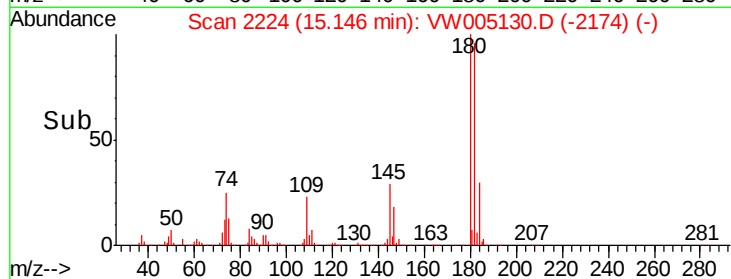
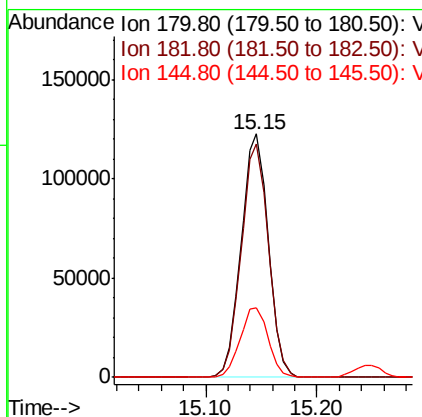
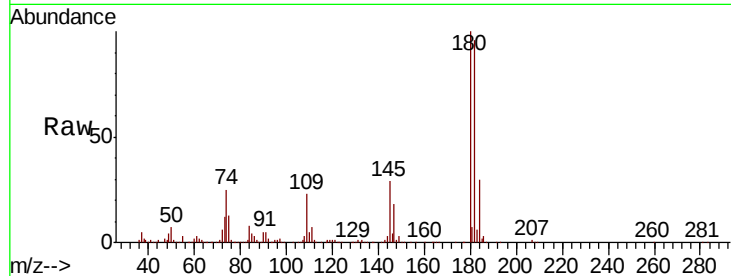
#93
1,2,4-Trichlorobenzene
Concen: 22.05 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	207268		
182	96.1	47.5	142.6	
145	29.7	14.4	43.2	

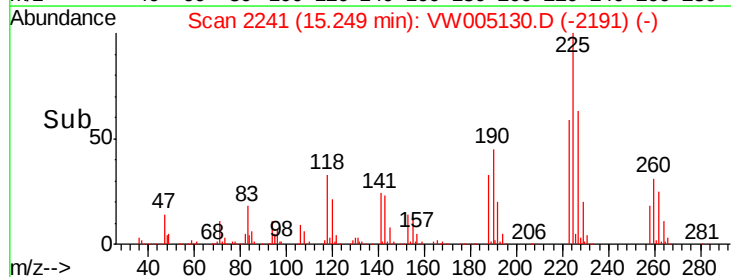
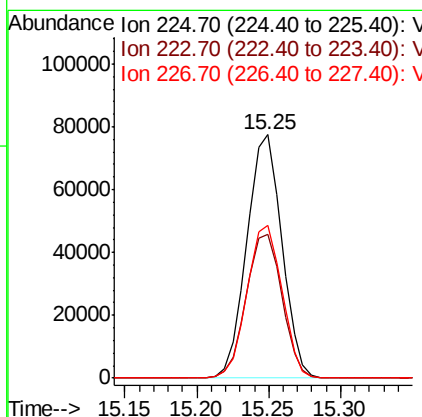
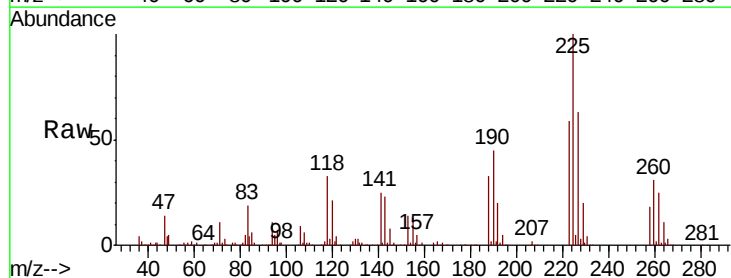
Manual Integrations
APPROVED

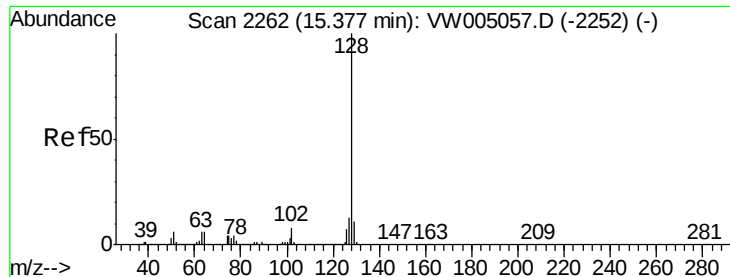
apatel
9/6/2018 12:02:31 PM



#94
Hexachlorobutadiene
Concen: 22.32 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW005130.D
Acq: 05 Sep 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130474		
223	60.6	31.4	94.3	
227	62.8	32.0	96.0	





#95

Naphthalene

Concen: 23.23 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Instrument :

MSVOA_W

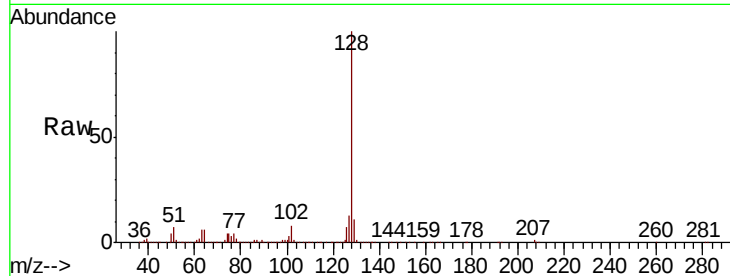
ClientSampleId :

VW0905SBS01

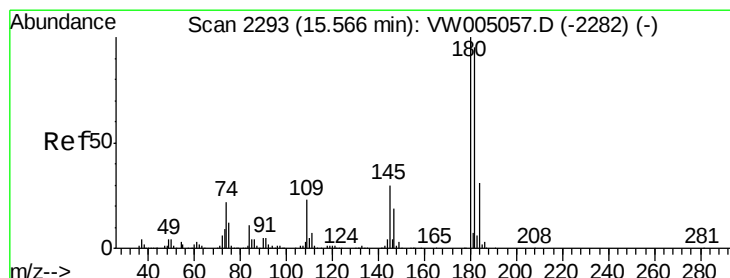
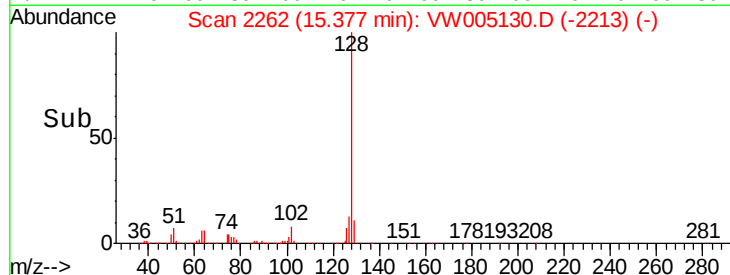
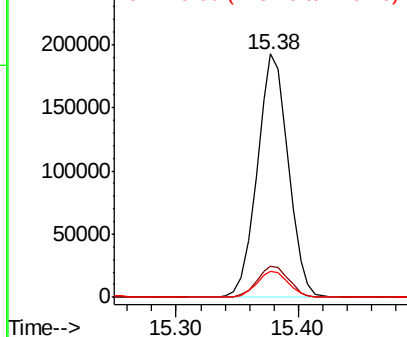
Tot Ion:	128	Resp:	339805
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
9/6/2018 12:02:31 PM



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: 21.96 ug/l

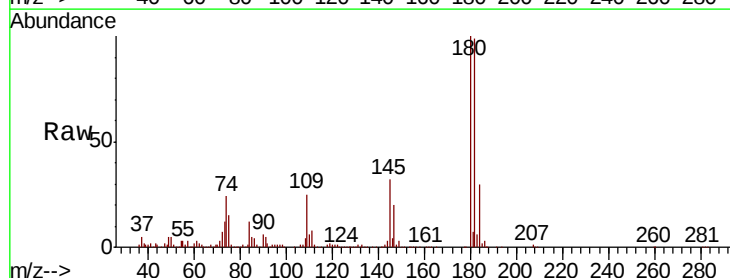
RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW005130.D

Acq: 05 Sep 2018 15:46

Tgt Ion:	180	Resp:	176631
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.4	142.3
145	31.8	15.4	46.1



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

