

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006548.D
 Acq On : 01 Nov 2018 02:04
 Operator : SY/AP
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
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Quant Time: Nov 01 03:42:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	217437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	359236	144.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.18%	
35) Dibromofluoromethane	7.88	113	389700	151.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.58%	
50) Toluene-d8	10.33	98	1514735	154.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.32%	
62) 4-Bromofluorobenzene	12.62	95	540428	147.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	213802	147.285	ug/l	99
3) Chloromethane	2.22	50	277938	147.653	ug/l	97
4) Vinyl Chloride	2.37	62	371911	139.073	ug/l	99
5) Bromomethane	2.79	94	312166	128.999	ug/l	100
6) Chloroethane	2.93	64	259321	135.759	ug/l	99
7) Trichlorofluoromethane	3.26	101	363625	147.492	ug/l	96
8) Diethyl Ether	3.68	74	177291	135.549	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	357516	136.511	ug/l	100
10) Methyl Iodide	4.26	142	650070	147.560	ug/l	100
11) Tert butyl alcohol	5.25	59	93096	574.243	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	349990	141.509	ug/l	99
13) Acrolein	3.90	56	121967	748.653	ug/l	100
14) Allyl chloride	4.67	41	468866	134.213	ug/l	98
15) Acrylonitrile	5.38	53	326762	685.343	ug/l	99
16) Acetone	4.15	43	269634	514.979	ug/l	98
17) Carbon Disulfide	4.37	76	1043458	141.262	ug/l	99
18) Methyl Acetate	4.68	43	164042	133.833	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	492467	131.313	ug/l	100
20) Methylene Chloride	4.92	84	367514	126.316	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	395302	143.053	ug/l	99
22) Diisopropyl ether	6.32	45	953957	137.145	ug/l	99
23) Vinyl Acetate	6.26	43	2721857	667.329	ug/l	99
24) 1,1-Dichloroethane	6.21	63	642733	142.561	ug/l	99
25) 2-Butanone	7.18	43	402242	611.903	ug/l	96
26) 2,2-Dichloropropane	7.17	77	378044	121.187	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	443441	144.970	ug/l	99
28) Bromochloromethane	7.51	49	247841	142.740	ug/l	100
29) Tetrahydrofuran	7.54	42	261593	646.339	ug/l	98
30) Chloroform	7.68	83	695976	141.099	ug/l	99
31) Cyclohexane	7.96	56	542614	122.312	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	601242	136.670	ug/l	99
36) 1,1-Dichloropropene	8.09	75	534472	136.047	ug/l	99
37) Ethyl Acetate	7.26	43	189206	130.263	ug/l	99
38) Carbon Tetrachloride	8.07	117	583059	136.328	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	696666	134.085	ug/l	99
40) Benzene	8.32	78	1548471	142.559	ug/l	99
41) Methacrylonitrile	7.49	41	118158	135.932	ug/l	98
42) 1,2-Dichloroethane	8.40	62	427664	134.890	ug/l	100
43) Isopropyl Acetate	8.43	43	384010	130.139	ug/l	99
44) Trichloroethene	9.09	130	473221	141.935	ug/l	98
45) 1,2-Dichloropropane	9.37	63	360342	139.187	ug/l	99
46) Dibromomethane	9.46	93	208583	140.957	ug/l	99
47) Bromodichloromethane	9.65	83	511837	143.156	ug/l	100
48) Methyl methacrylate	9.44	41	188346	134.281	ug/l	99
49) 1,4-Dioxane	9.48	88	59775	2641.806	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	968463	651.856	ug/l	100
52) Toluene	10.39	92	1052028	144.507	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	511411	144.152	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	588326	144.154	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	296019	142.629	ug/l	97
56) Ethyl methacrylate	10.65	69	364462	144.218	ug/l	99
57) 1,3-Dichloropropane	10.93	76	478853	139.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	846016	842.611	ug/l	100
59) 2-Hexanone	10.98	43	657099	622.070	ug/l	100
60) Dibromochloromethane	11.13	129	380384	147.823	ug/l	100
61) 1,2-Dibromoethane	11.24	107	299129	144.325	ug/l	100
64) Tetrachloroethene	10.87	164	453389	147.197	ug/l	99
65) Chlorobenzene	11.66	112	1202229	142.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	443770	148.417	ug/l	99
67) Ethyl Benzene	11.74	91	2044019	140.545	ug/l	99
68) m/p-Xylenes	11.84	106	1640268	284.767	ug/l	99
69) o-Xylene	12.17	106	793231	144.437	ug/l	100
70) Styrene	12.18	104	1308347	146.348	ug/l	100
71) Bromoform	12.35	173	247649	149.698	ug/l #	100
73) Isopropylbenzene	12.47	105	2160988	141.728	ug/l	100
74) N-amyl acetate	12.28	43	383785	131.871	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	327559	141.211	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	253291m	150.534	ug/l	
77) Bromobenzene	12.75	156	540286	143.770	ug/l	99
78) n-propylbenzene	12.81	91	2435698	137.720	ug/l	100
79) 2-Chlorotoluene	12.90	91	1386062	139.363	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1786715	139.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	99419	145.945	ug/l	95
82) 4-Chlorotoluene	12.99	91	1457073	139.319	ug/l	100
83) tert-Butylbenzene	13.21	119	1607040	139.868	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1817237	139.496	ug/l	100
85) sec-Butylbenzene	13.39	105	2213457	136.768	ug/l	100
86) p-Isopropyltoluene	13.51	119	2043445	139.472	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1054655	141.038	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1029869	138.417	ug/l	100
89) n-Butylbenzene	13.83	91	1806835	135.223	ug/l	99
90) Hexachloroethane	14.10	117	354829	143.692	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	940924	141.026	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	55195	134.900	ug/l	99

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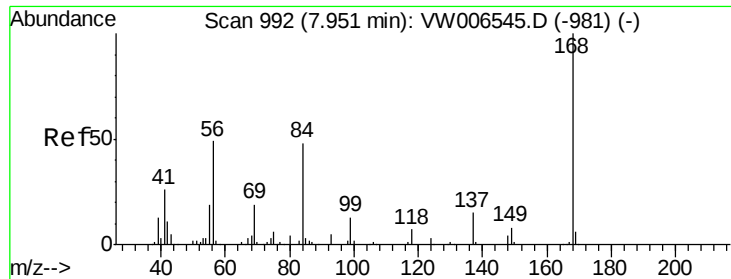
Manual Integrations
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Quant Time: Nov 01 03:42:03 2018
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	719436	140.034	ug/l	100
94) Hexachlorobutadiene	15.24	225	443068	138.169	ug/l	99
95) Naphthalene	15.38	128	1215602	142.799	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	628043	141.134	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 296767

Ion Ratio Lower Upper

168 100

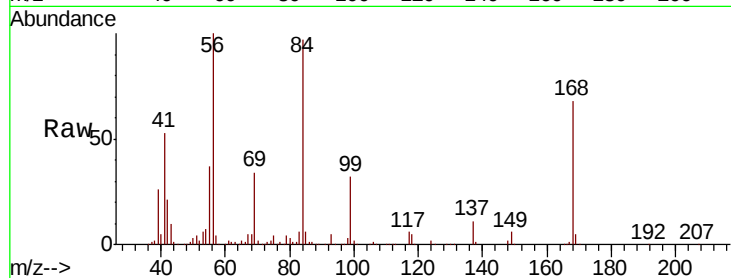
99 47.3 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

150000

100000

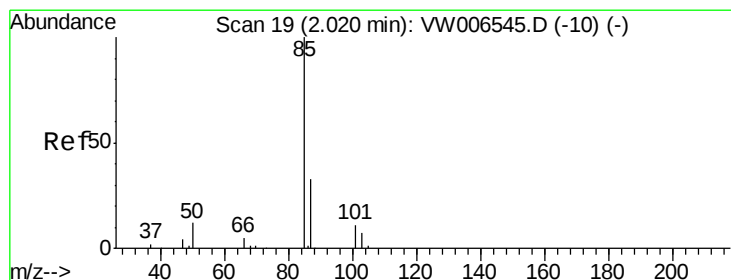
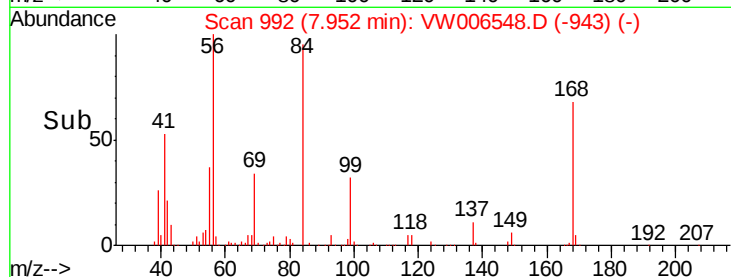
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 147.285 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006548.D

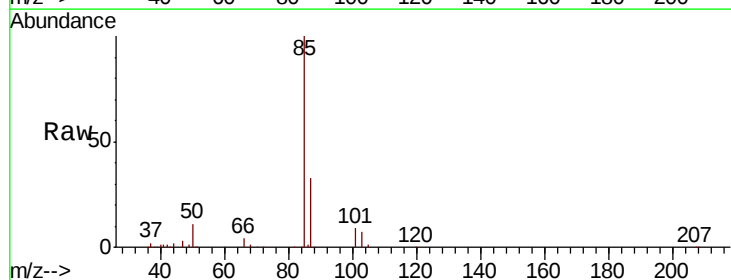
Acq: 01 Nov 2018 02:04

Tgt Ion: 85 Resp: 213802

Ion Ratio Lower Upper

85 100

87 32.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

50000

40000

30000

20000

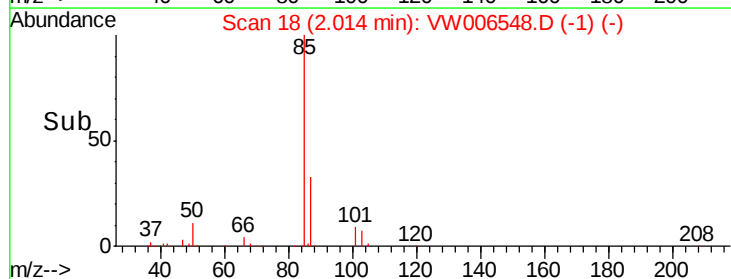
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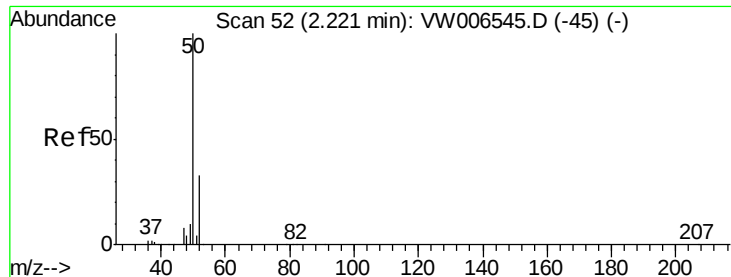
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 147.653 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 277938

Ion Ratio Lower Upper

50 100

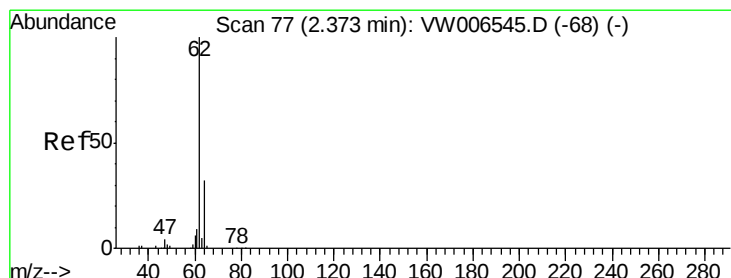
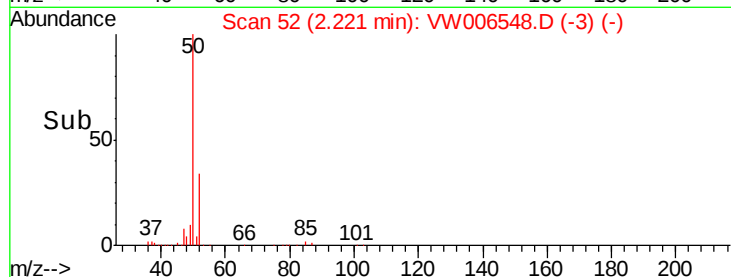
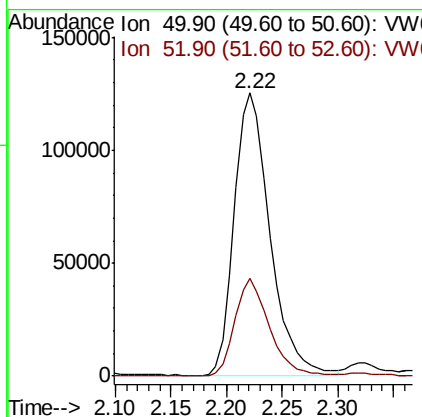
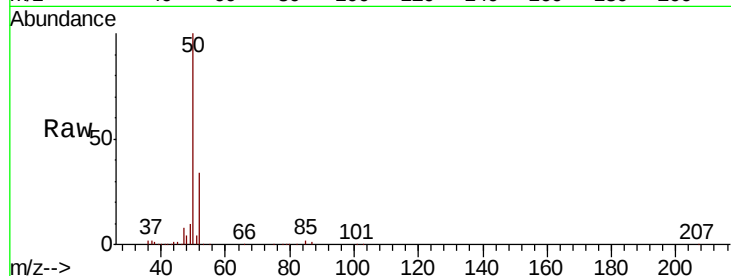
52 34.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 139.073 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006548.D

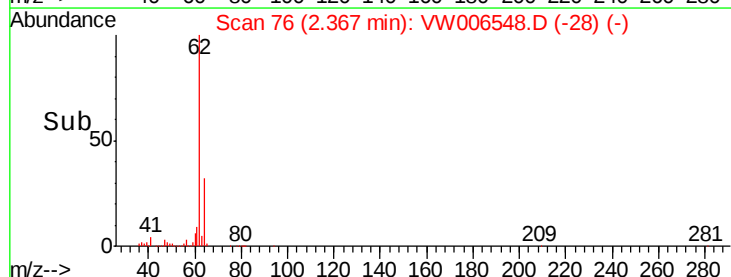
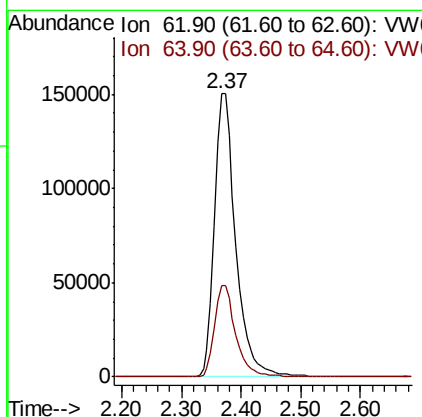
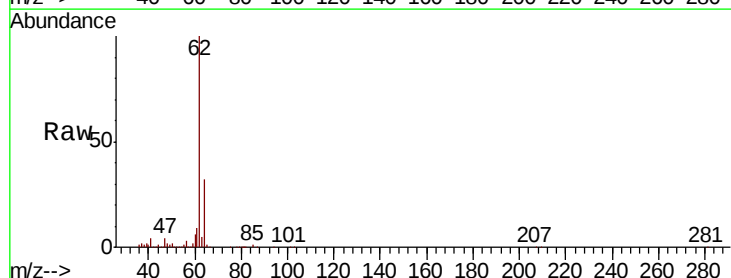
Acq: 01 Nov 2018 02:04

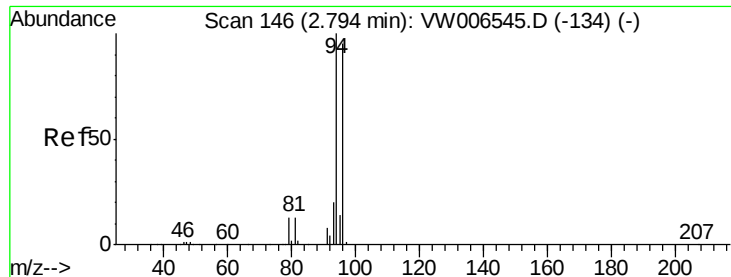
Tgt Ion: 62 Resp: 371911

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 128.999 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 312166

Ion Ratio Lower Upper

94 100

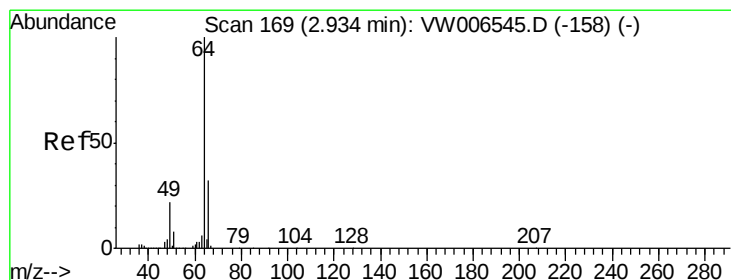
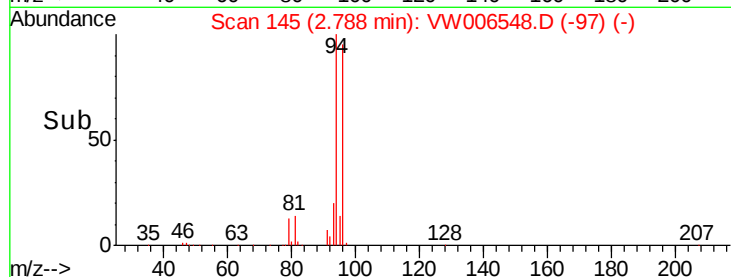
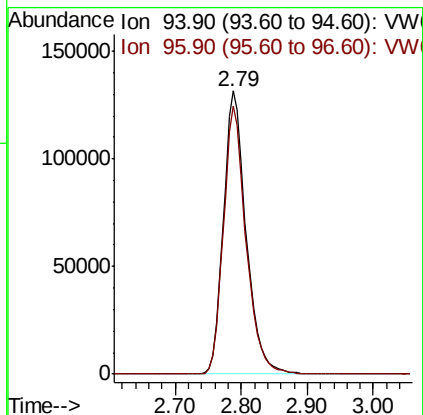
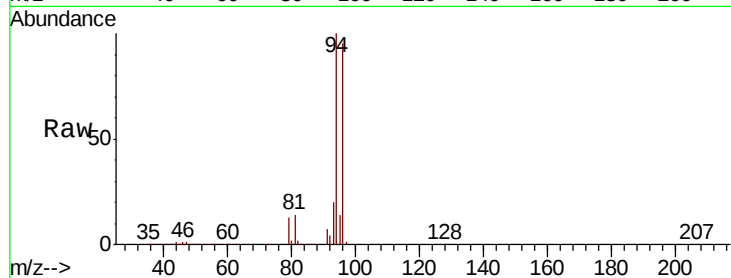
96 94.9 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 135.759 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006548.D

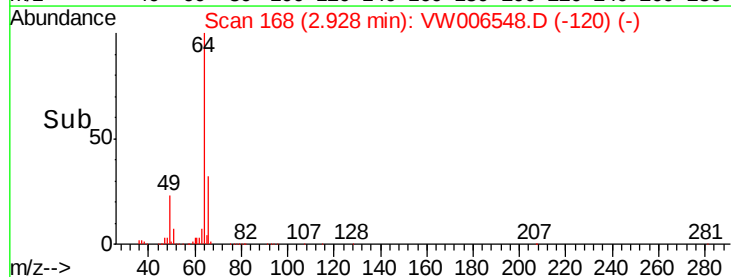
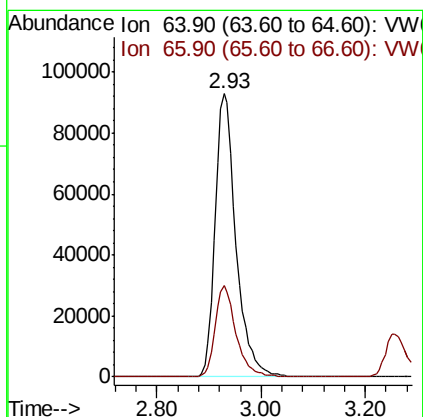
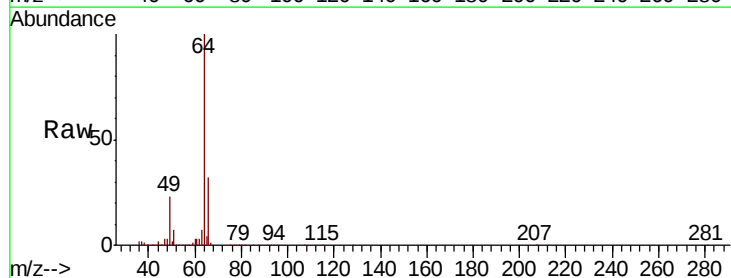
Acq: 01 Nov 2018 02:04

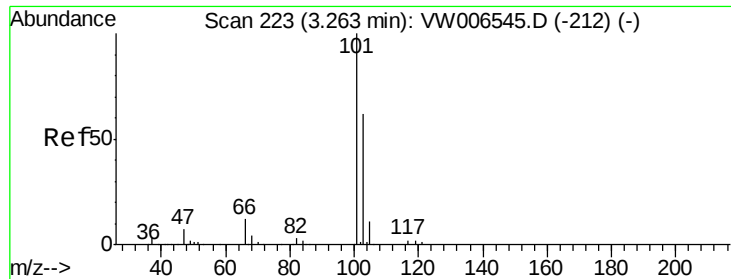
Tgt Ion: 64 Resp: 259321

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9





#7

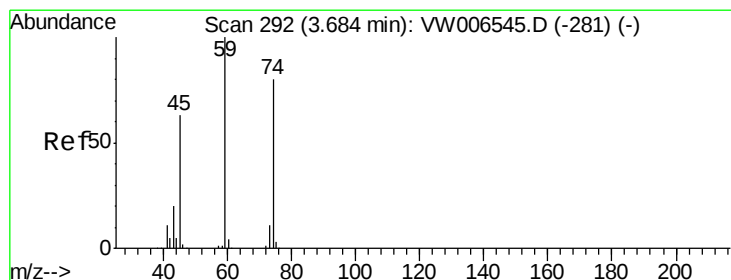
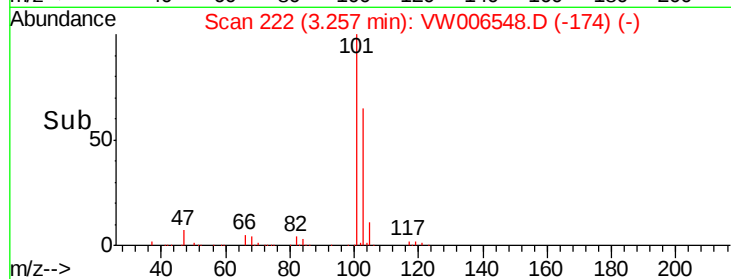
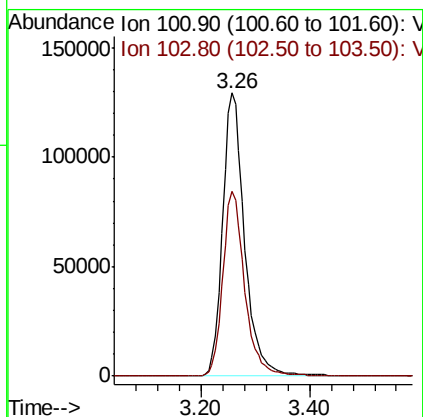
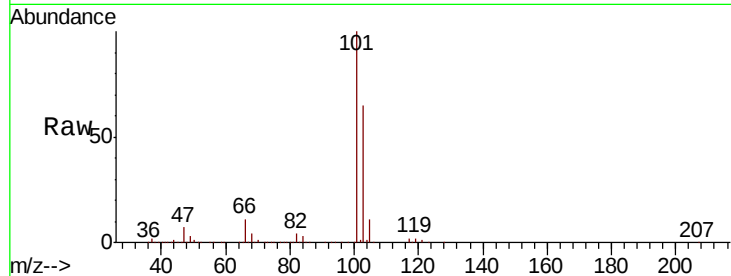
Trichlorofluoromethane
 Concen: 147.492 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
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 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	49.8	74.8

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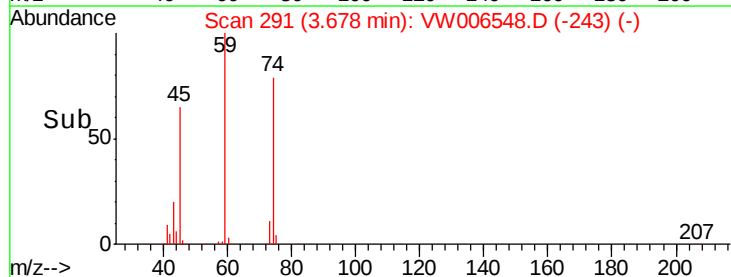
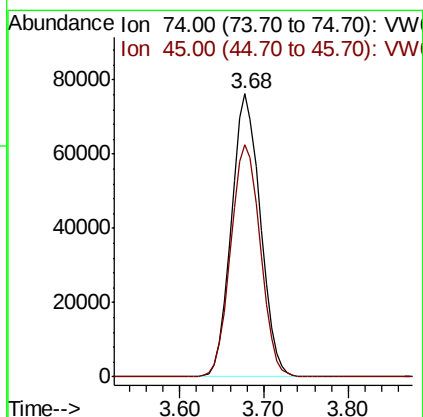
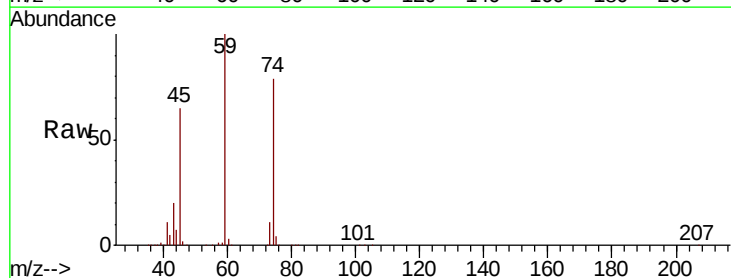
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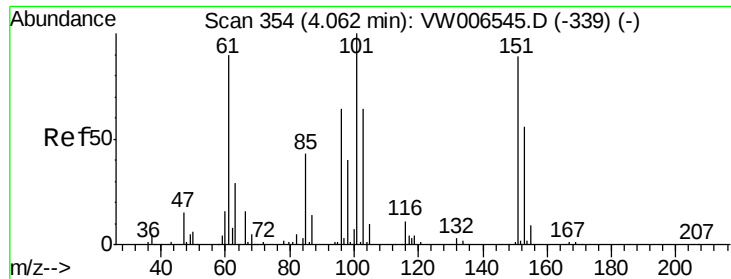


#8

Diethyl Ether
 Concen: 135.549 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.1	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 136.511 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

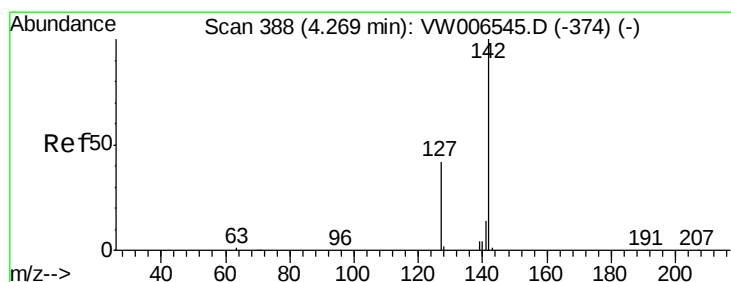
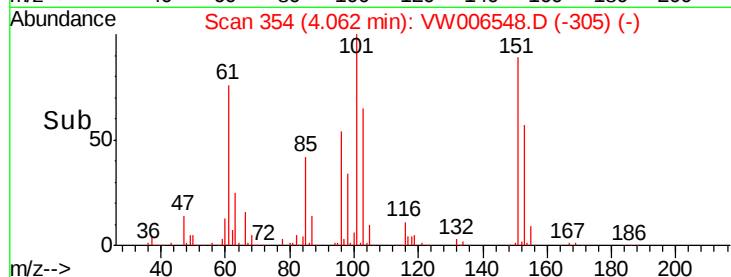
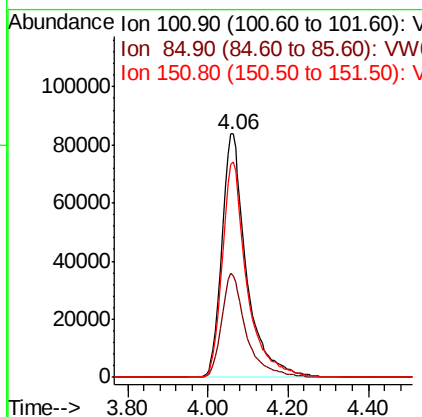
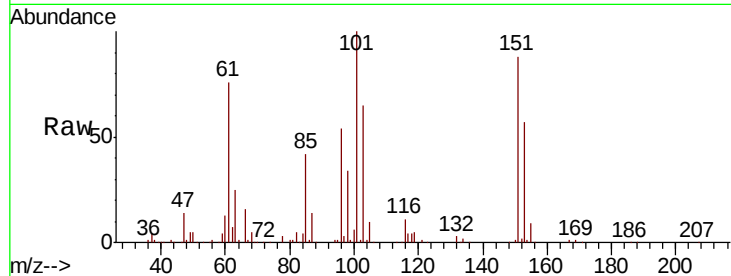
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	357516
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.2
151	88.7	70.7	106.1

Manual Integrations
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#10

Methyl Iodide

Concen: 147.560 ug/l

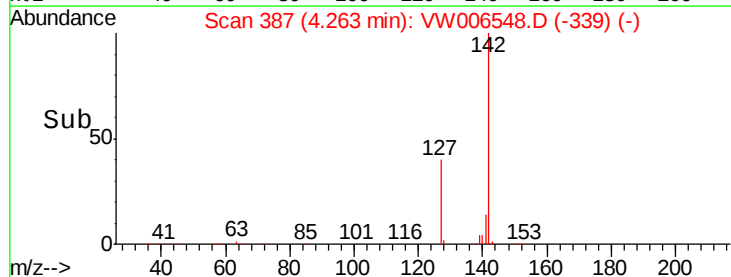
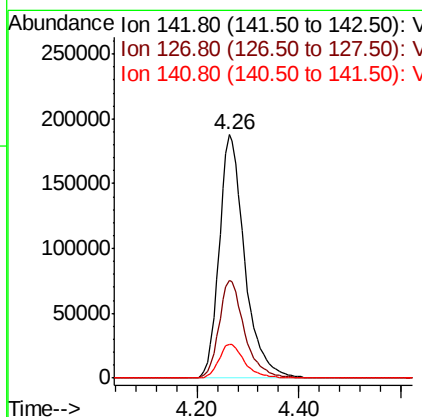
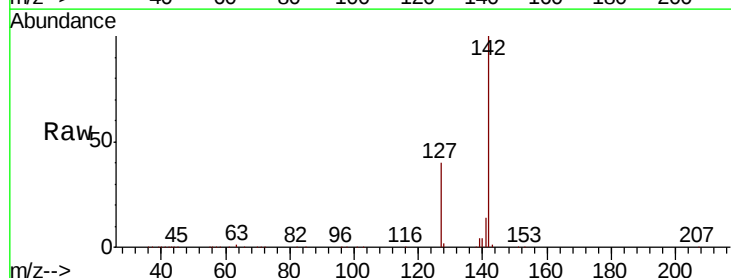
RT: 4.26 min Scan# 387

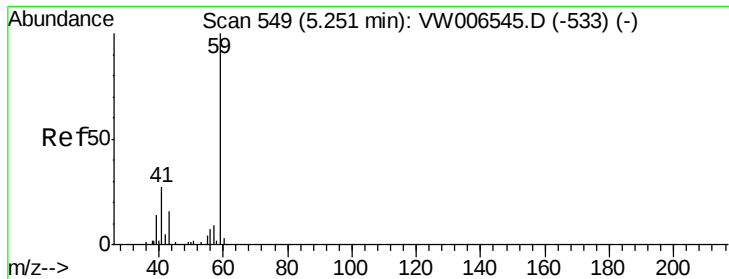
Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Tgt Ion:	142	Resp:	650070
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.3	48.5
141	14.1	11.3	16.9





#11

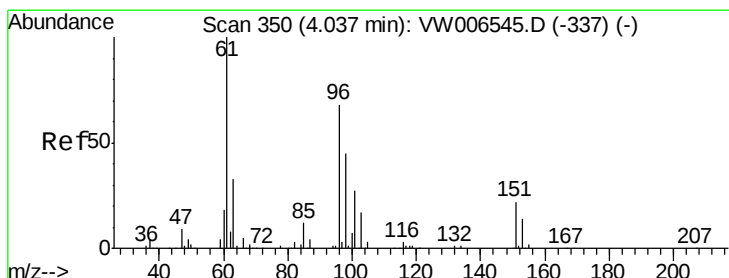
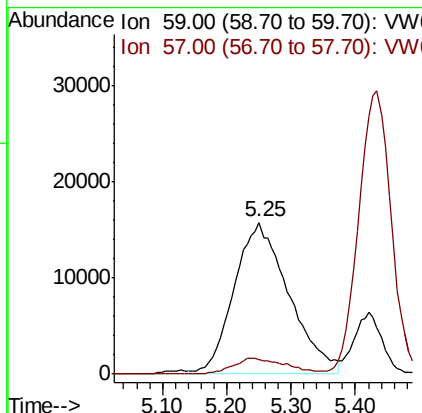
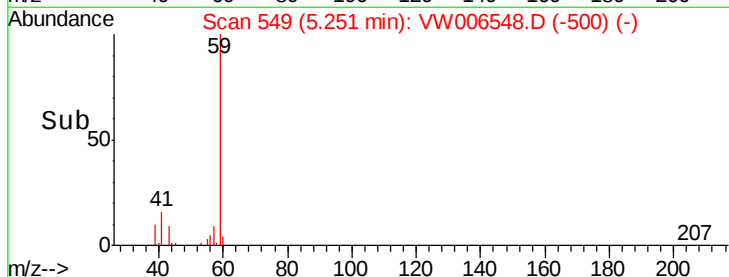
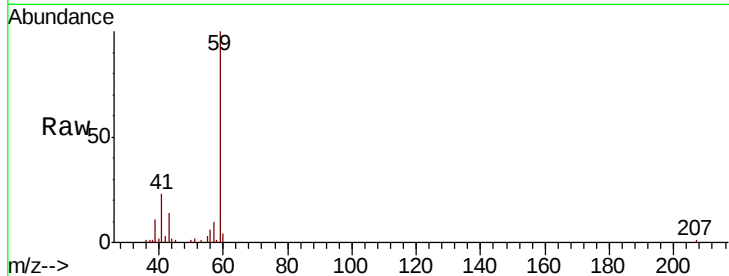
Tert butyl alcohol
Concen: 574.243 ug/l
RT: 5.25 min Scan# 549
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	4.3	6.5#

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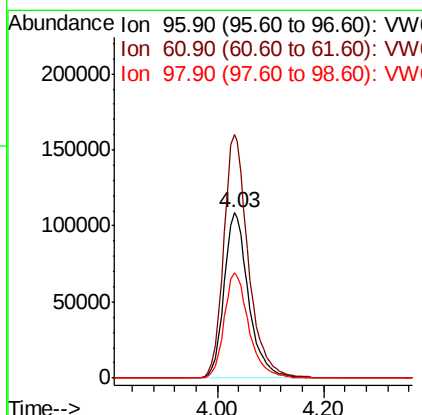
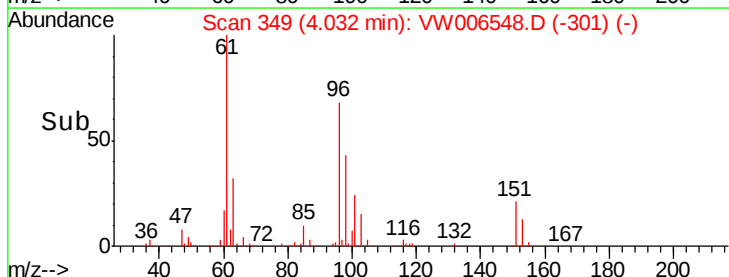
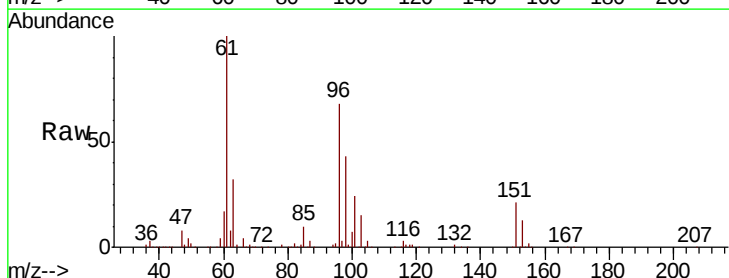
apatel
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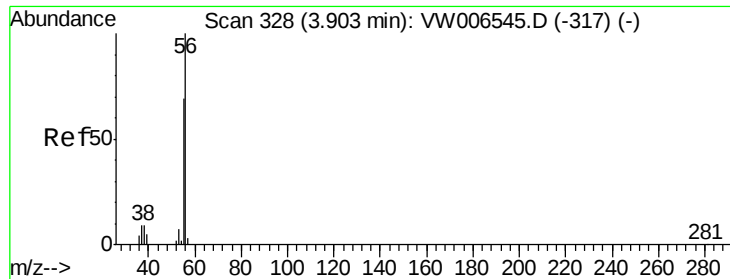


#12

1,1-Dichloroethene
Concen: 141.509 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.6	117.0	175.4
98	63.9	52.5	78.7





#13

Acrolein

Concen: 748.653 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 121967

Ion Ratio Lower Upper

56 100

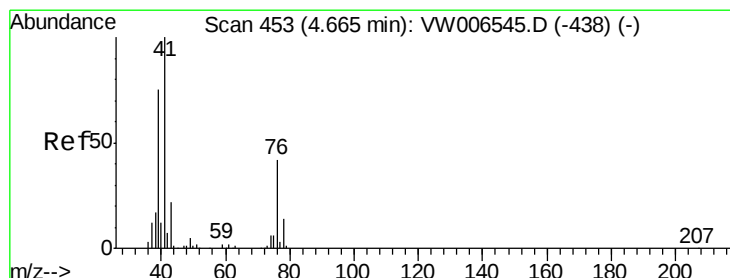
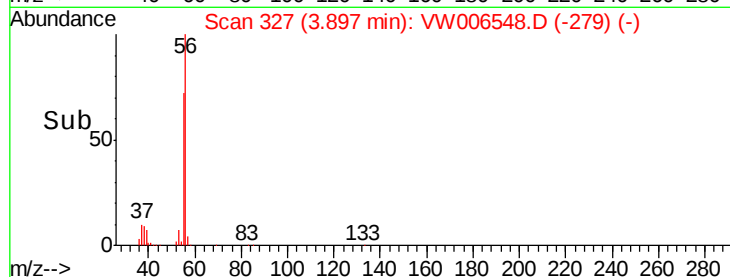
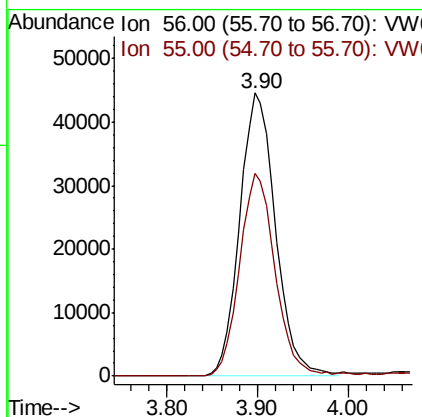
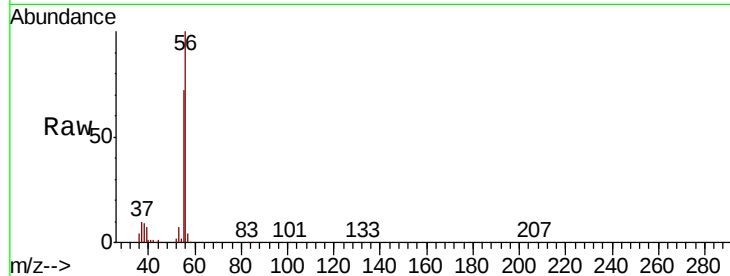
55 71.2 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 134.213 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

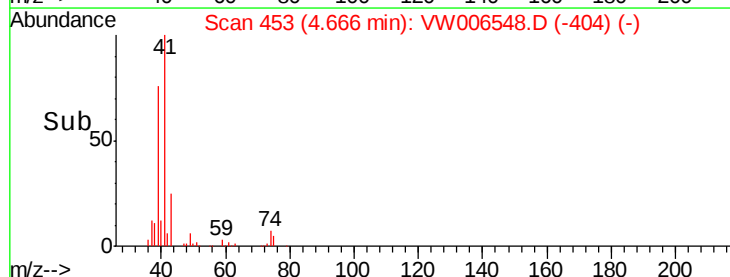
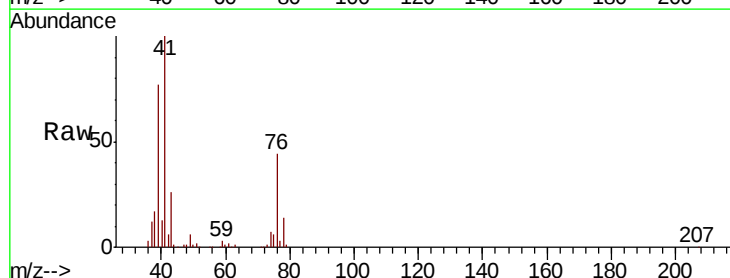
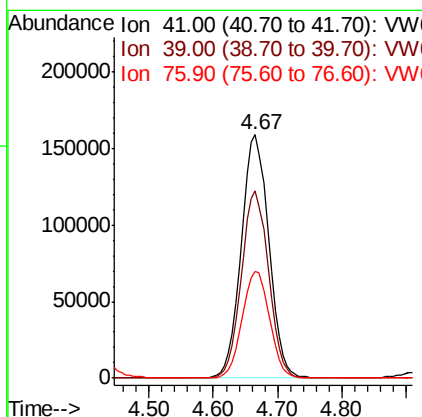
Tgt Ion: 41 Resp: 468866

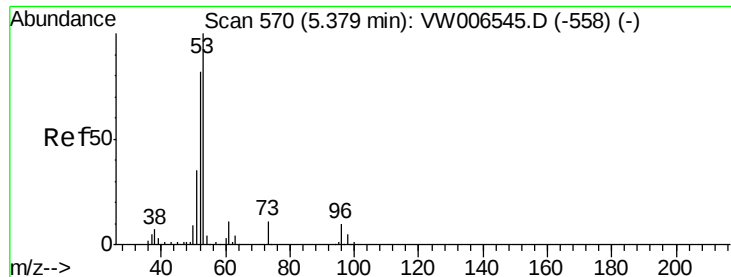
Ion Ratio Lower Upper

41 100

39 75.8 62.1 93.1

76 43.1 34.2 51.2





#15

Acrylonitrile

Concen: 685.343 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

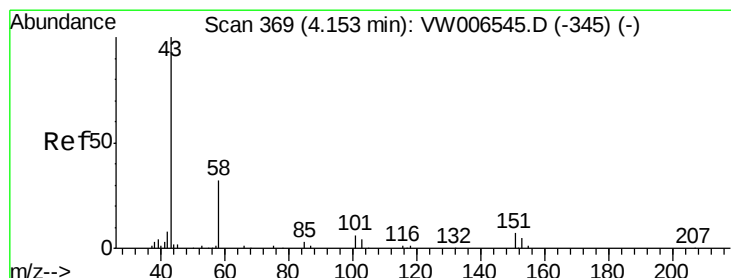
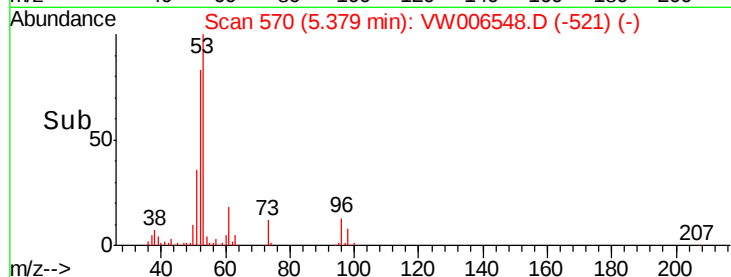
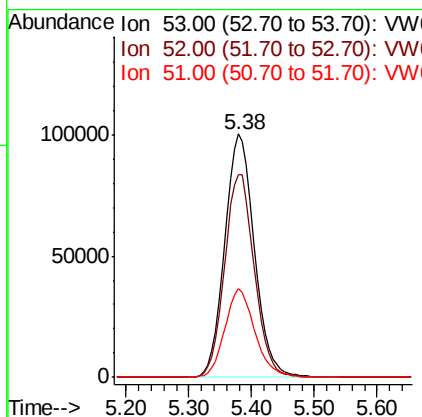
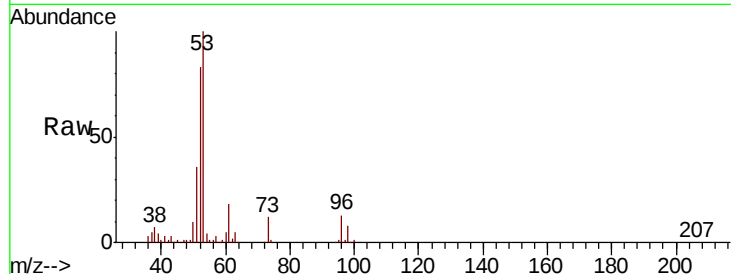
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	326762
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.8	98.8
51	37.2	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 514.979 ug/l

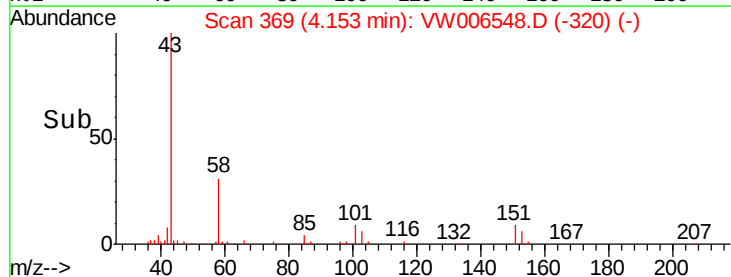
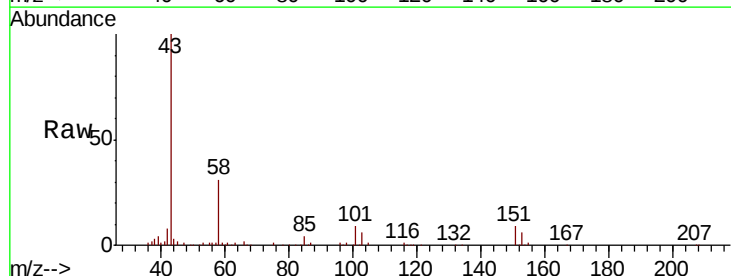
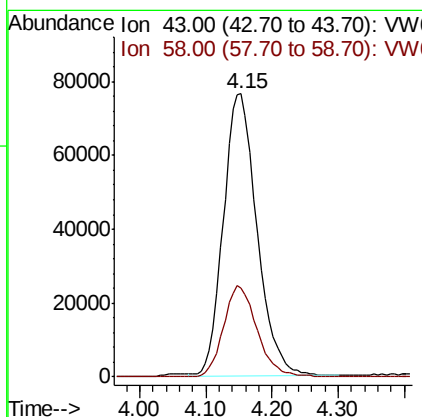
RT: 4.15 min Scan# 369

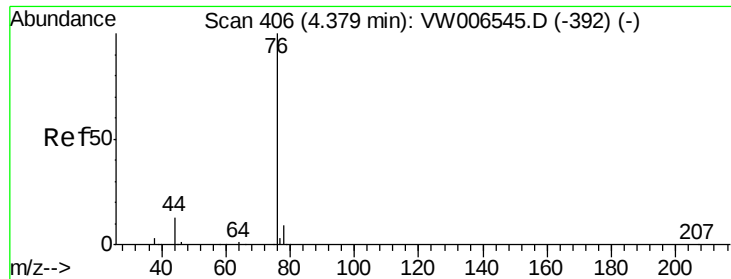
Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Tgt Ion:	43	Resp:	269634
Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.8	38.8





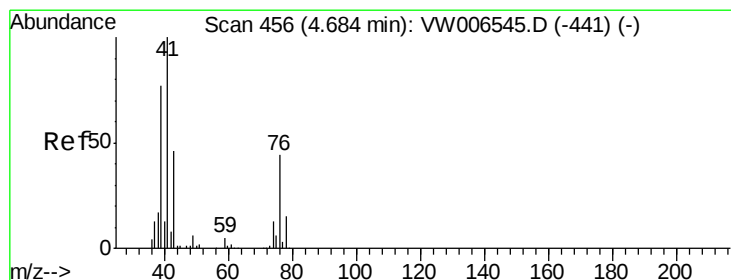
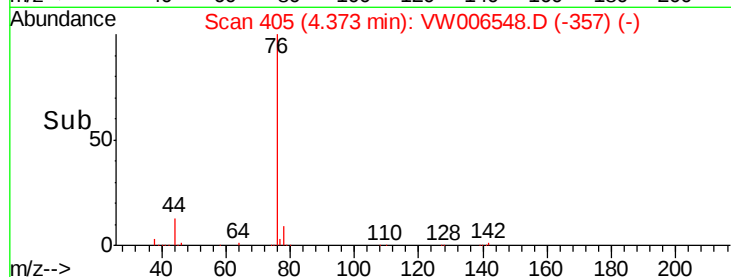
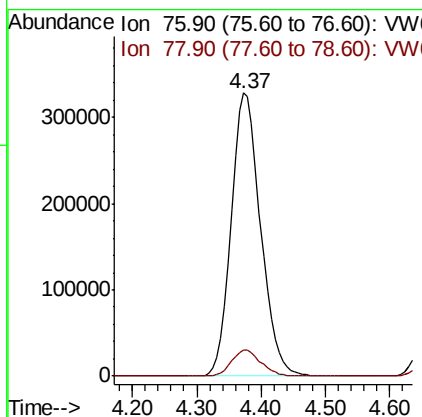
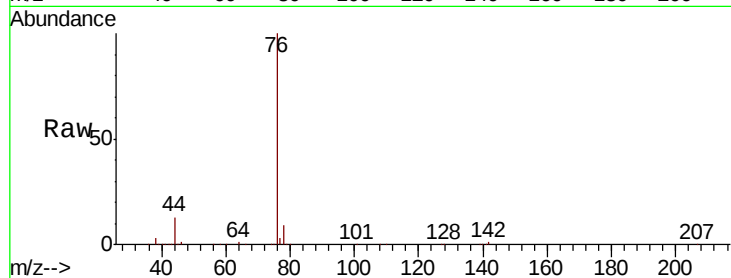
#17
Carbon Disulfide
Concen: 141.262 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1043458
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

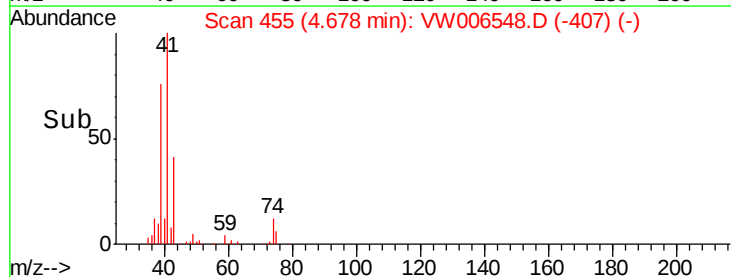
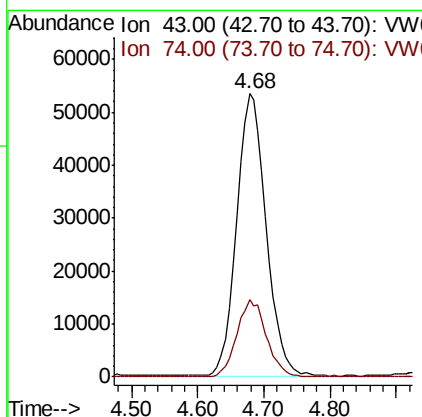
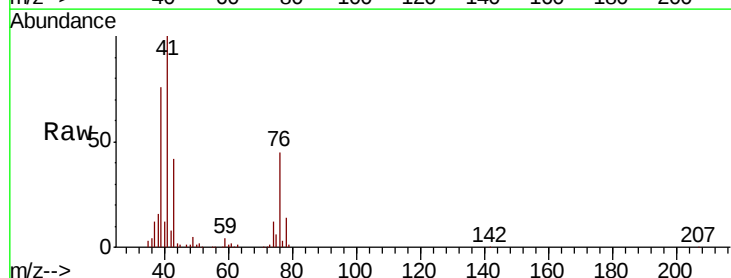
Manual Integrations
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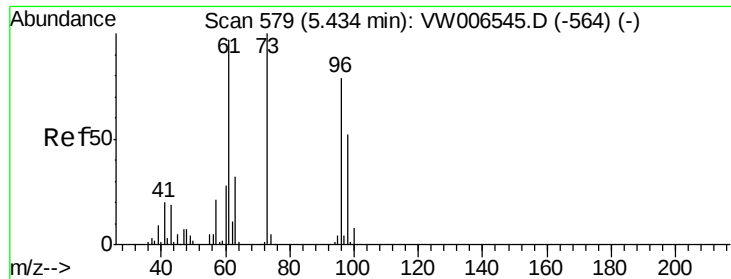
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#18
Methyl Acetate
Concen: 133.833 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 43 Resp: 164042
Ion Ratio Lower Upper
43 100
74 27.6 21.9 32.9





#19

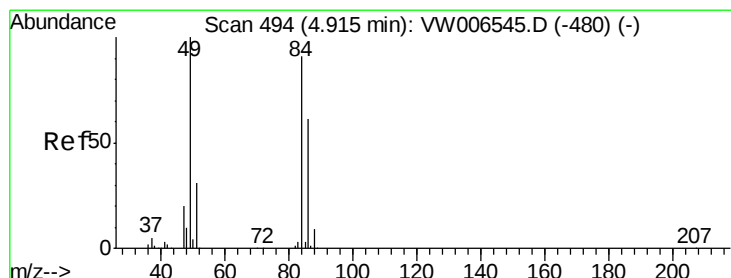
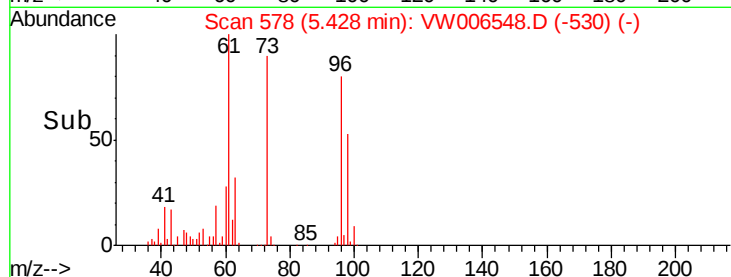
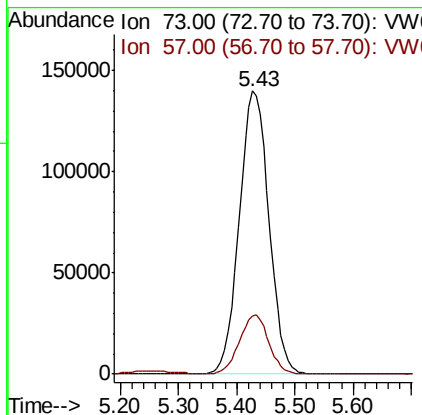
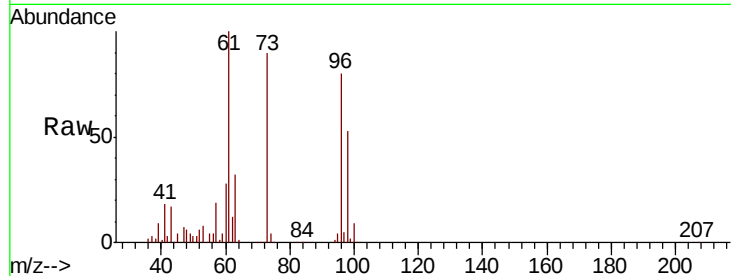
Methyl tert-butyl Ether
 Concen: 131.313 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.7	25.1

Manual Integrations
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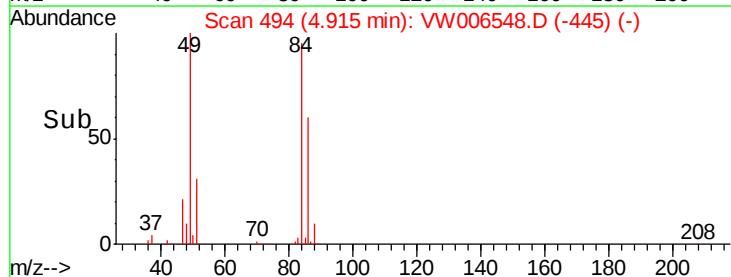
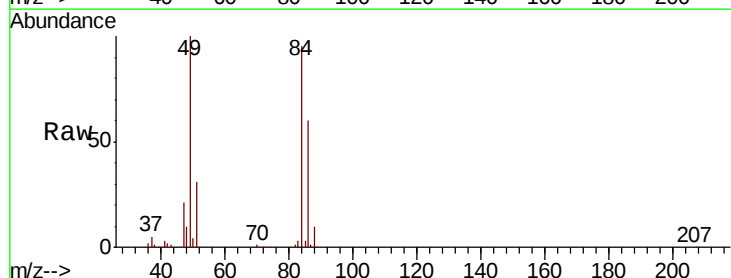
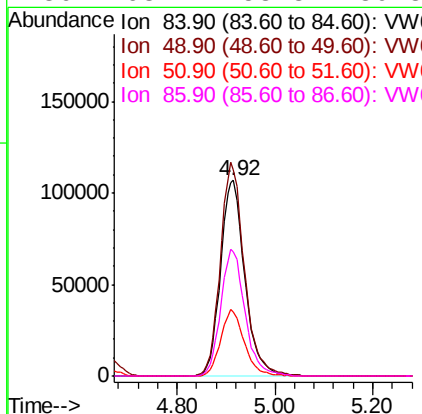
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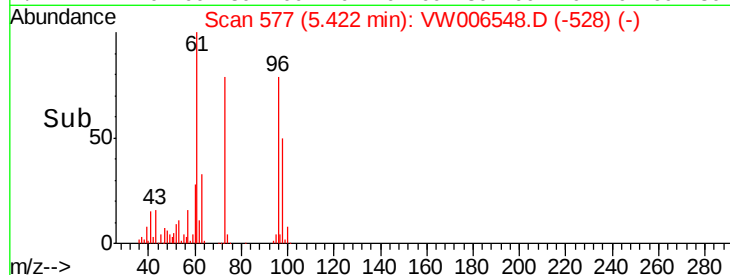
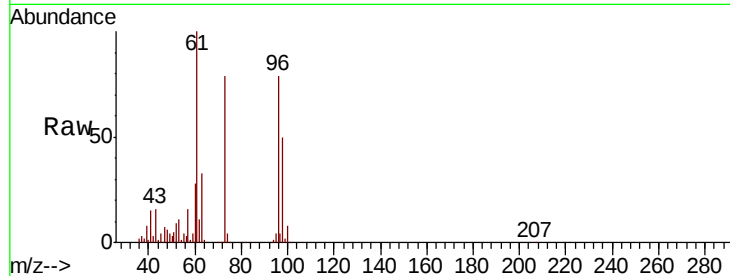


#20

Methylene Chloride
 Concen: 126.316 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.1	88.2	132.4
51	32.8	27.0	40.6
86	63.2	53.8	80.8





#21

trans-1,2-Dichloroethene

Concen: 143.053 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006548.D

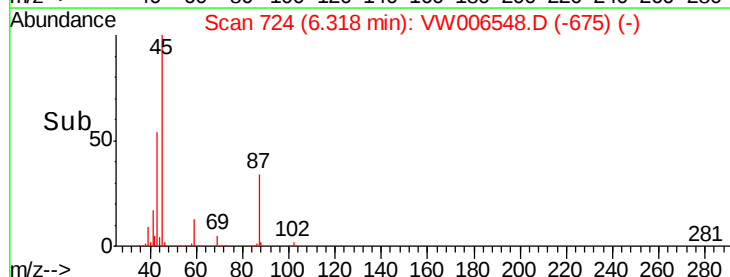
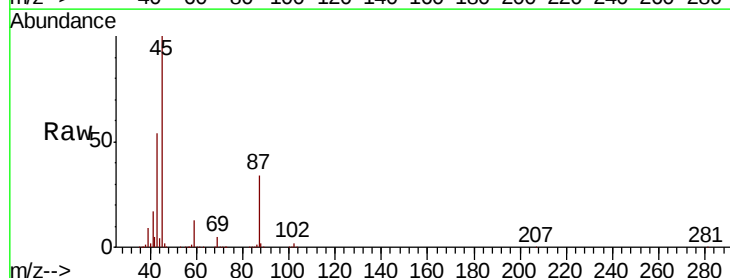
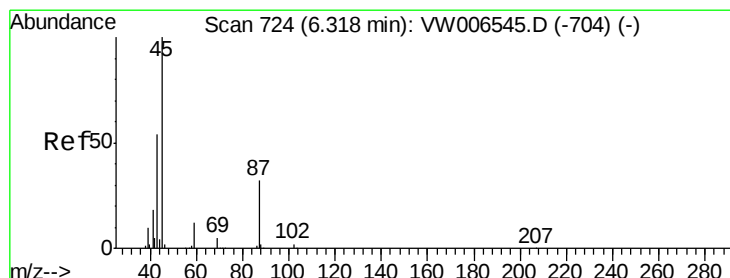
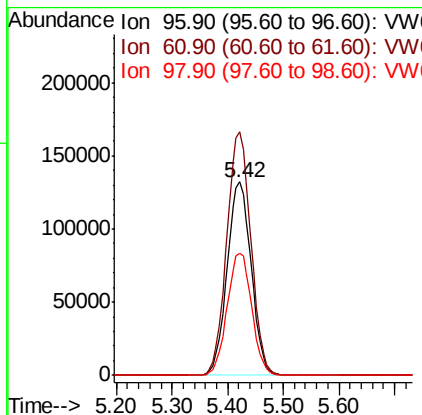
Acq: 01 Nov 2018 02:04

Tot Ion:	96	Resp:	395302
Ion	Ratio	Lower	Upper
96	100		
61	126.0	100.6	150.8
98	63.2	52.9	79.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Manual Integrations
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#22

Diisopropyl ether

Concen: 137.145 ug/l

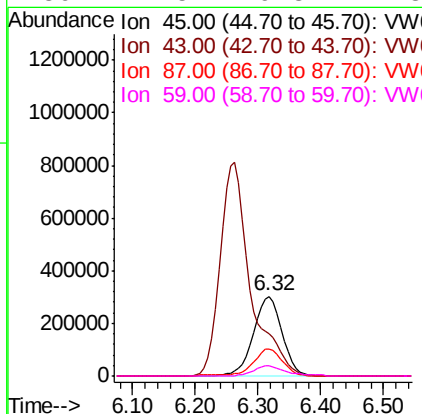
RT: 6.32 min Scan# 724

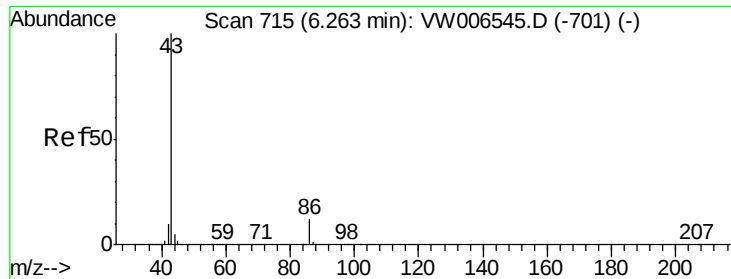
Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Tgt Ion:	45	Resp:	953957
Ion	Ratio	Lower	Upper
45	100		
43	53.5	43.6	65.4
87	34.0	26.3	39.5
59	12.5	9.8	14.8





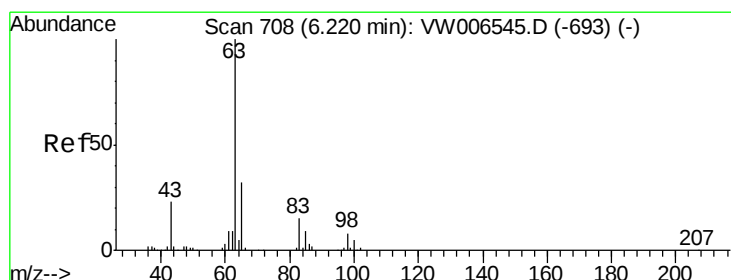
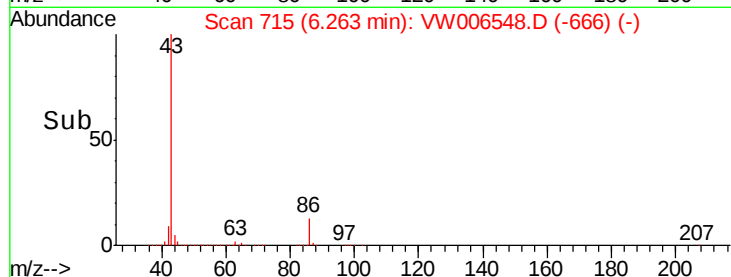
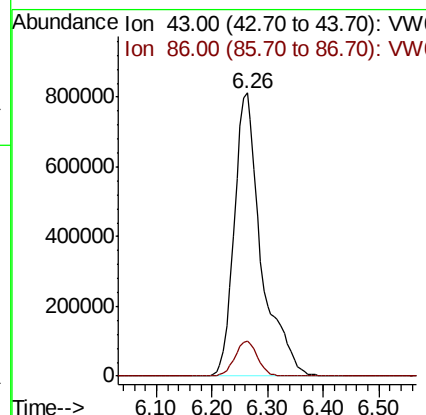
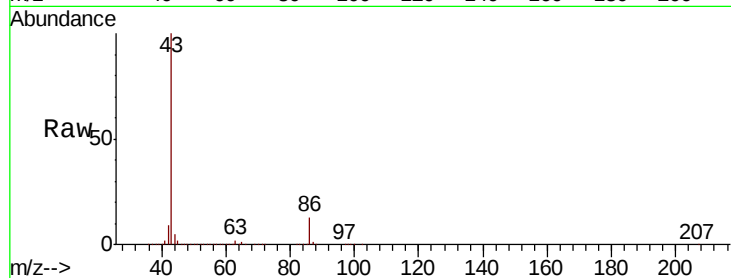
#23
 Vinyl Acetate
 Concen: 667.329 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 2721857
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8

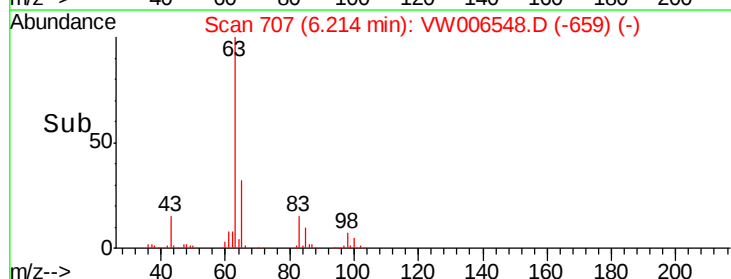
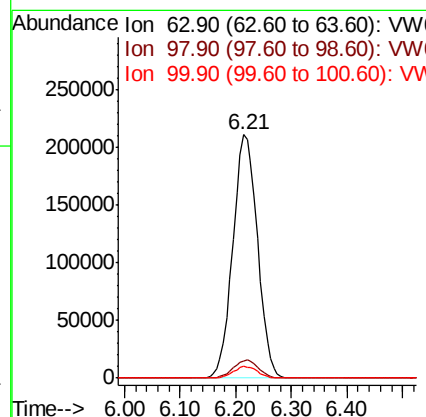
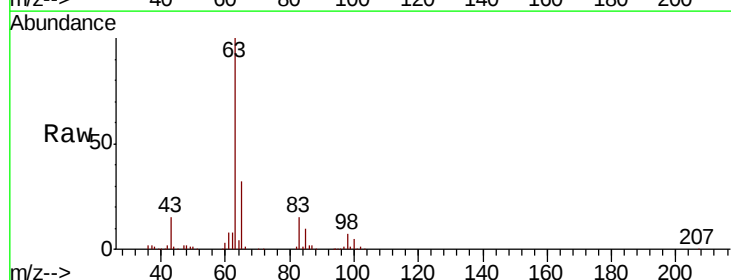
Manual Integrations
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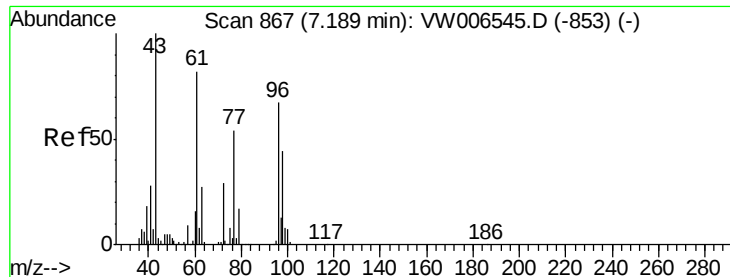
apatel
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#24
 1,1-Dichloroethane
 Concen: 142.561 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion: 63 Resp: 642733
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 611.903 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 402242

Ion Ratio Lower Upper

43 100

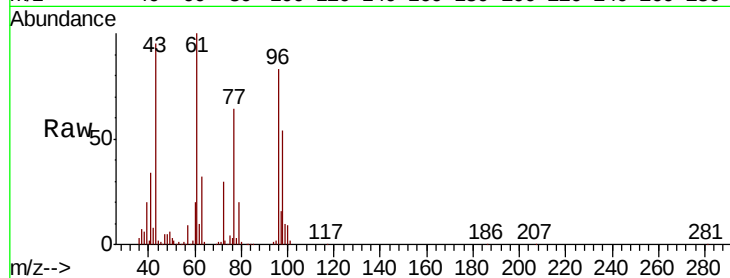
72 31.4 23.2 34.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

150000

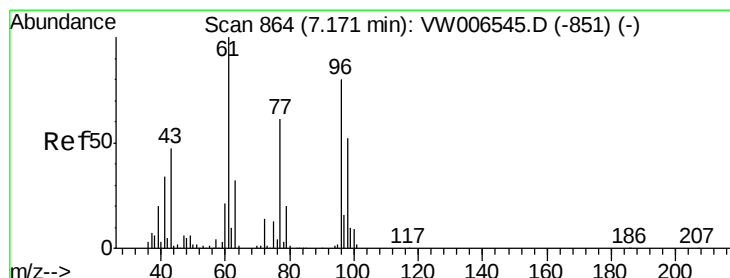
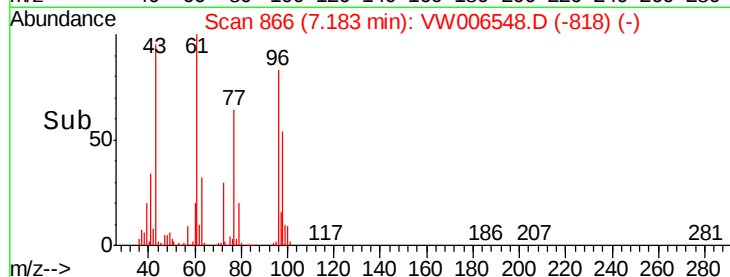
100000

50000

0

7.05 7.10 7.15 7.20 7.25

Time-->



#26

2,2-Dichloropropane

Concen: 121.187 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006548.D

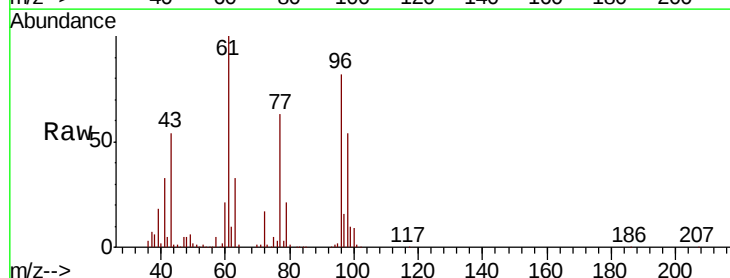
Acq: 01 Nov 2018 02:04

Tgt Ion: 77 Resp: 378044

Ion Ratio Lower Upper

77 100

97 25.5 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

150000

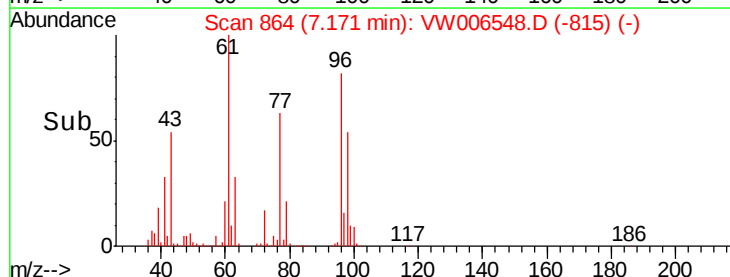
100000

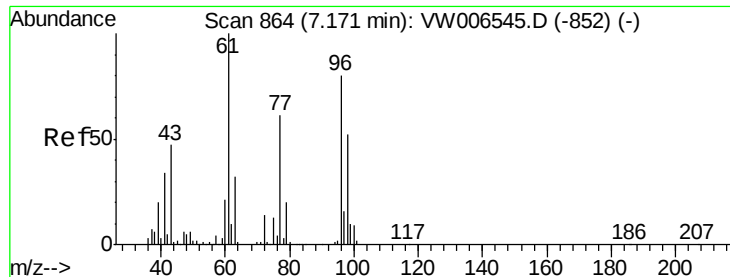
50000

0

7.00 7.10 7.20 7.30

Time-->





#27

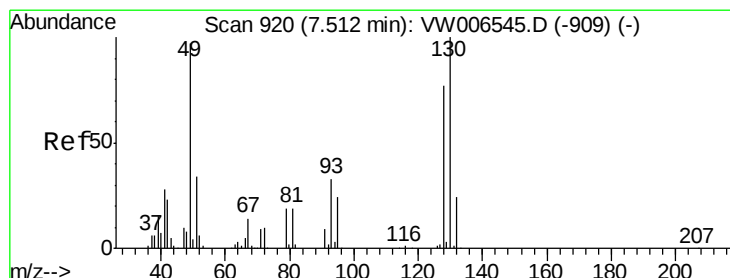
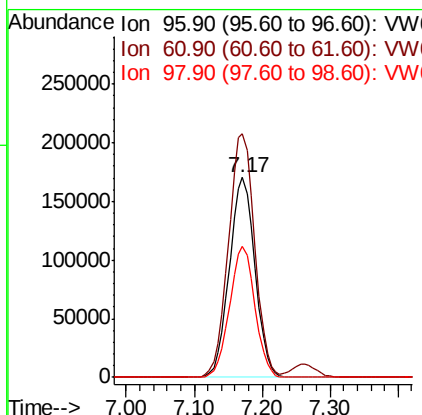
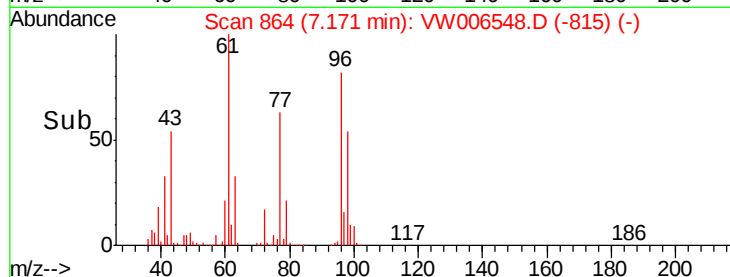
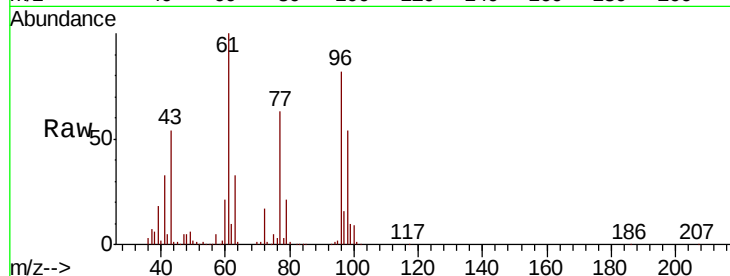
cis-1,2-Dichloroethene
Concen: 144.970 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	254.2
98	64.6	0.0	129.6

Manual Integrations
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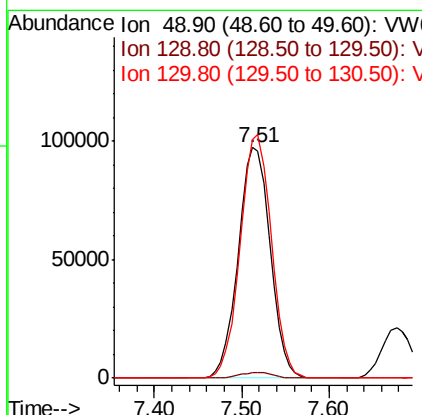
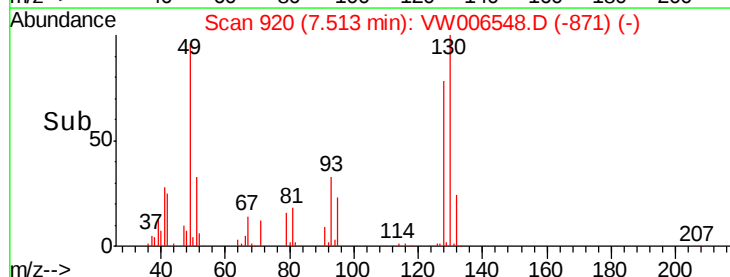
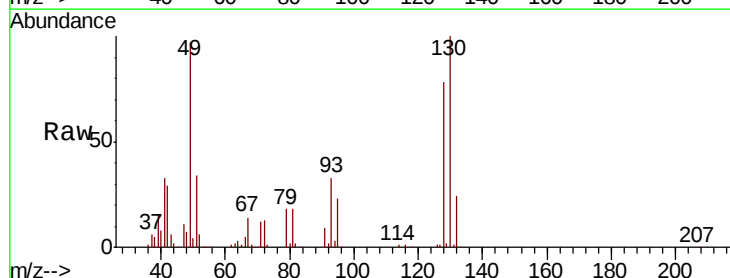
apatel
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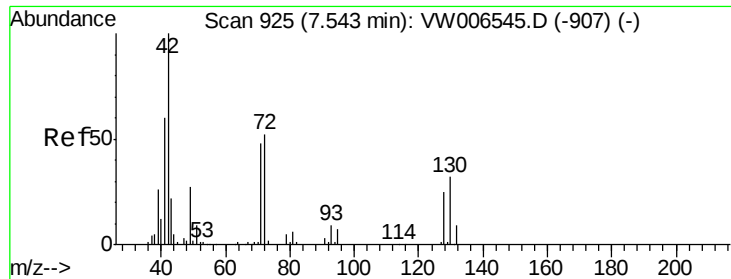


#28

Bromochloromethane
Concen: 142.740 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	103.1	82.2	123.2





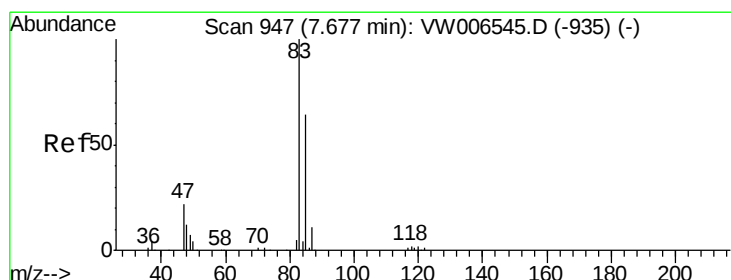
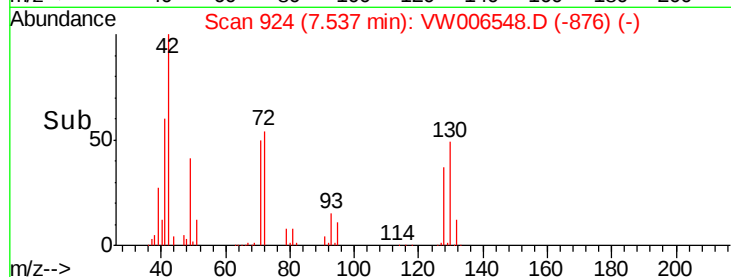
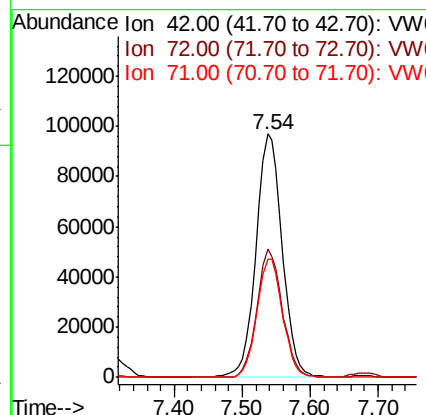
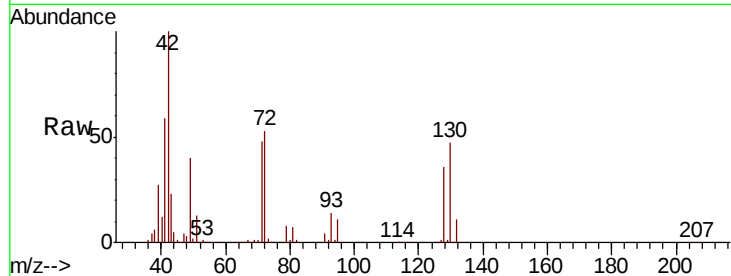
#29
Tetrahydrofuran
Concen: 646.339 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	39.2	58.8
71	47.6	37.6	56.4

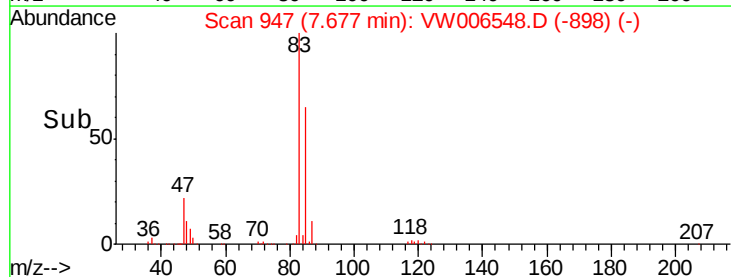
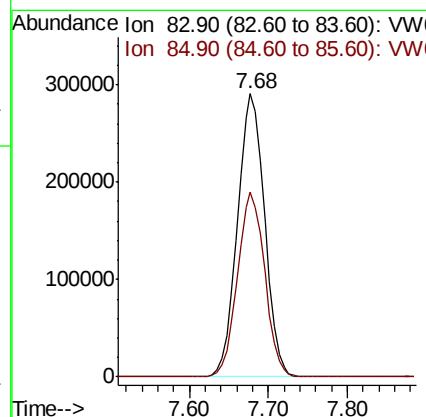
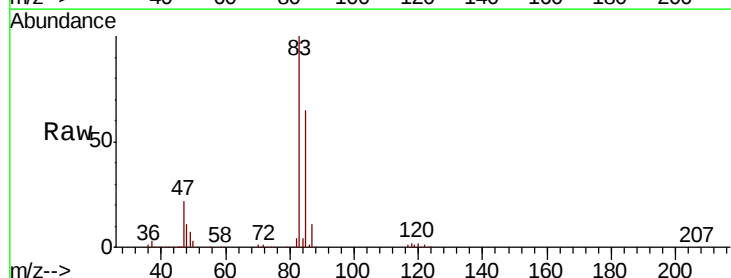
Manual Integrations
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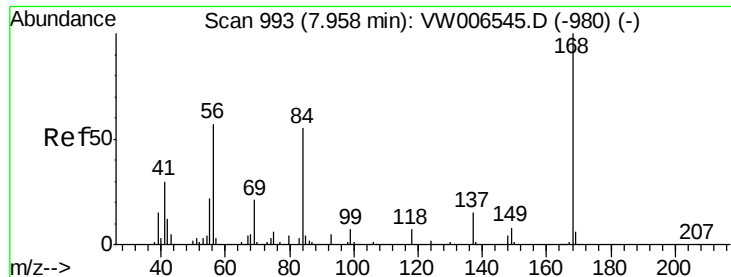
apatel
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#30
Chloroform
Concen: 141.099 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.3	76.9





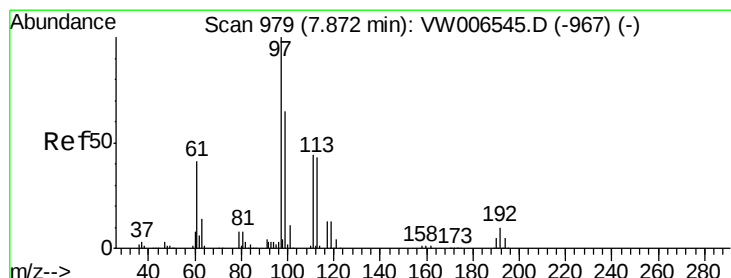
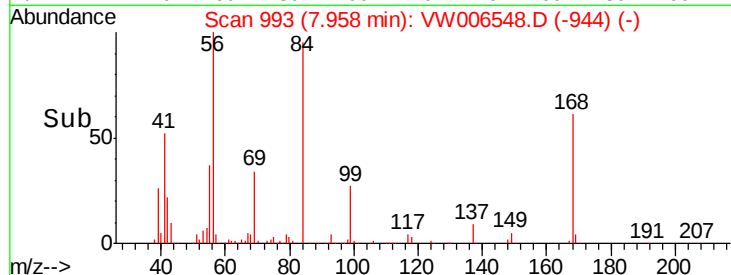
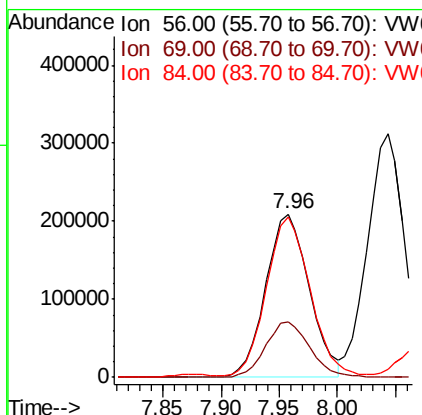
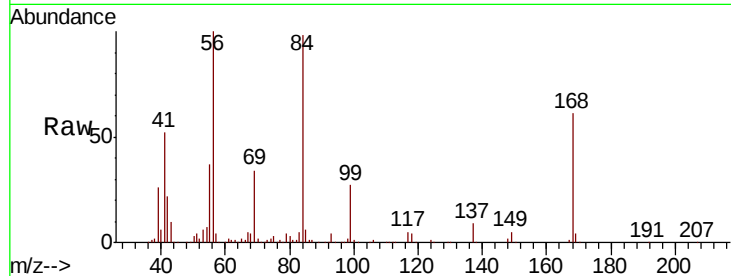
#31
Cyclohexane
Concen: 122.312 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:	56	Resp:	542614
Ion Ratio	Lower	Upper	
56	100		
69	34.1	29.0	43.4
84	96.2	77.8	116.6

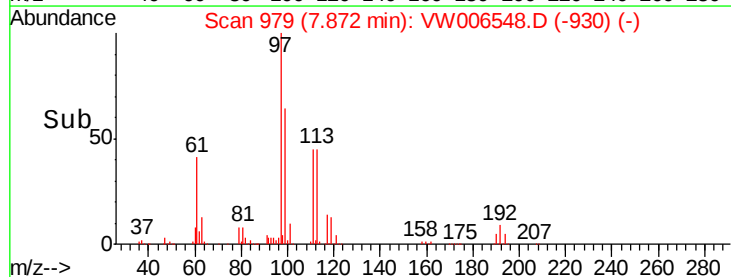
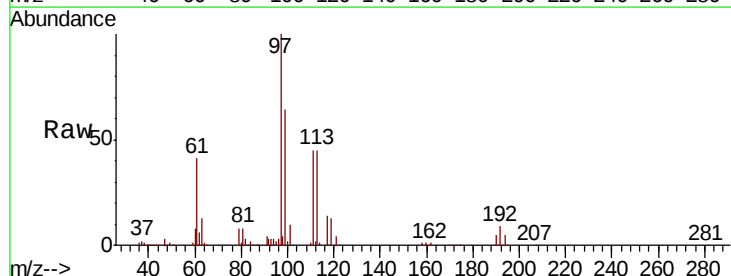
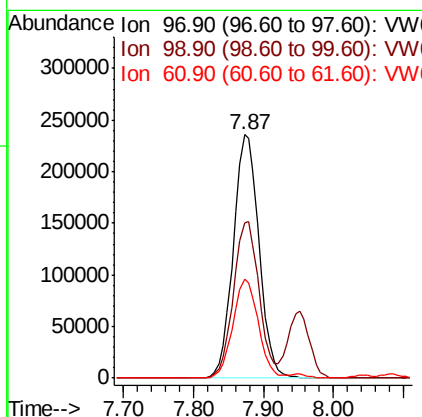
Manual Integrations
APPROVED

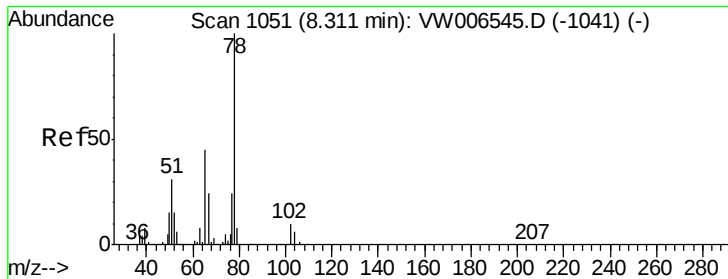
apatel
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#32
1,1,1-Trichloroethane
Concen: 136.670 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion:	97	Resp:	601242
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.7	77.5
61	40.1	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 144.592 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 359236

Ion Ratio Lower Upper

65 100

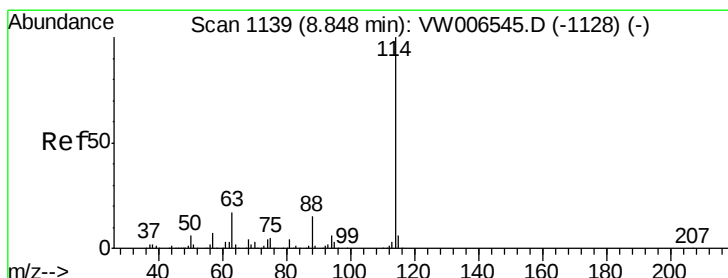
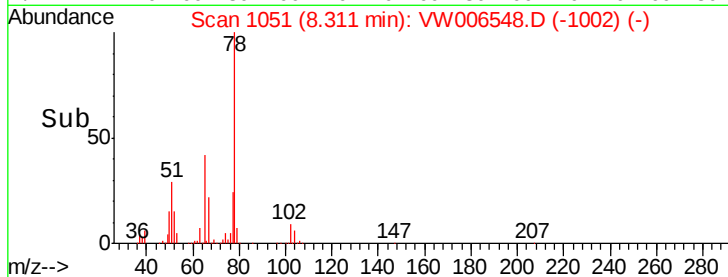
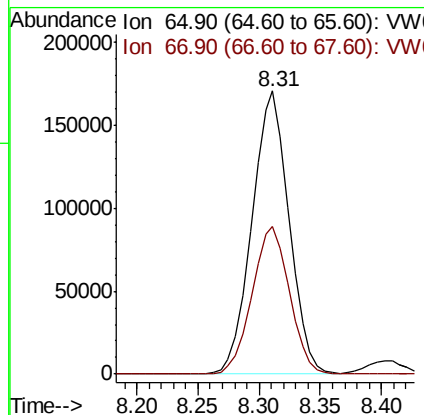
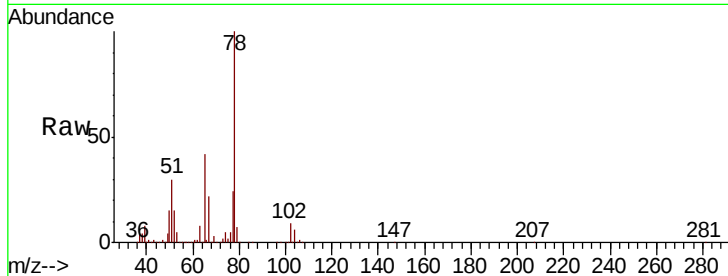
67 52.7 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

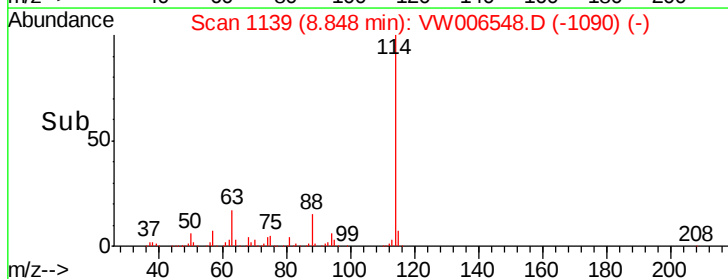
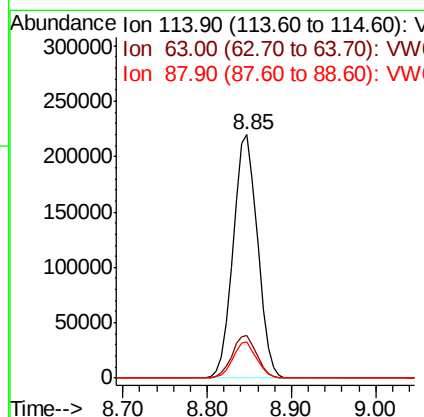
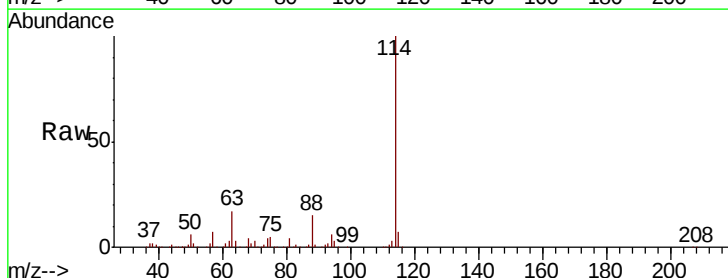
Tgt Ion: 114 Resp: 429353

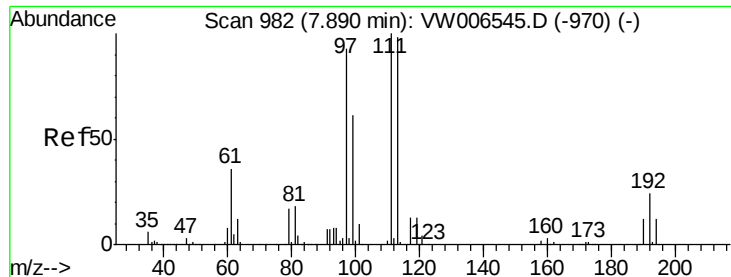
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 151.792 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

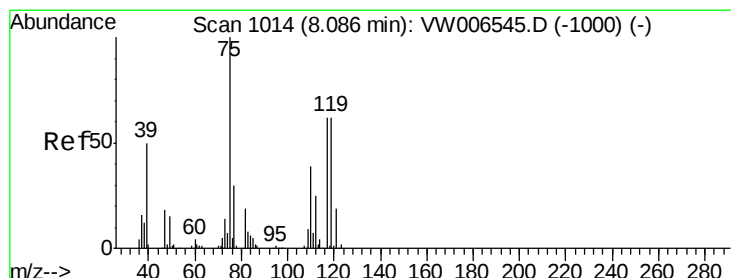
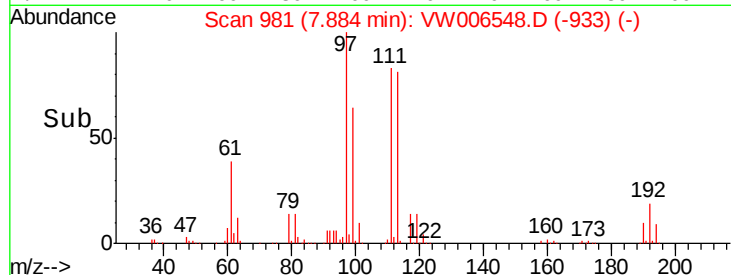
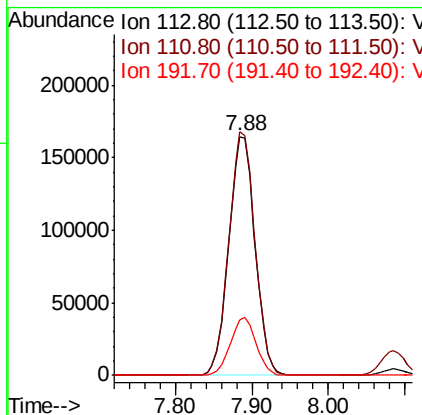
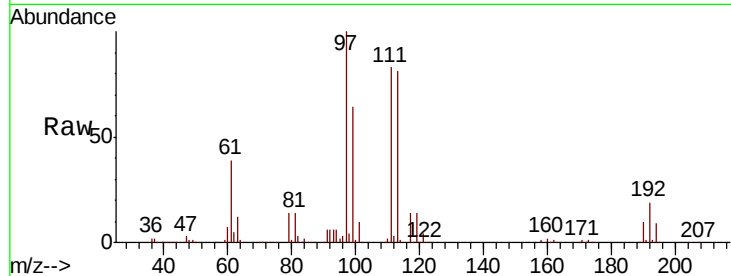
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	389700
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.2	123.2
192	23.8	19.0	28.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 136.047 ug/l

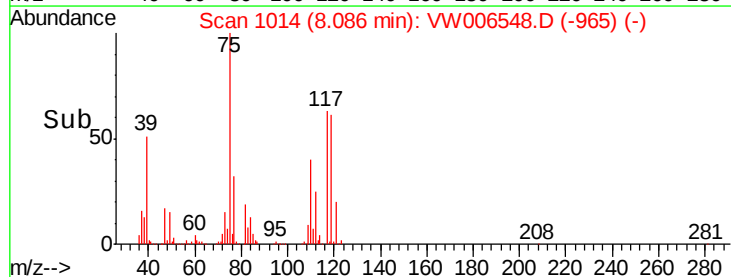
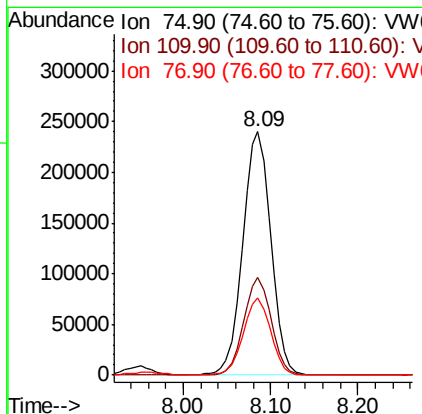
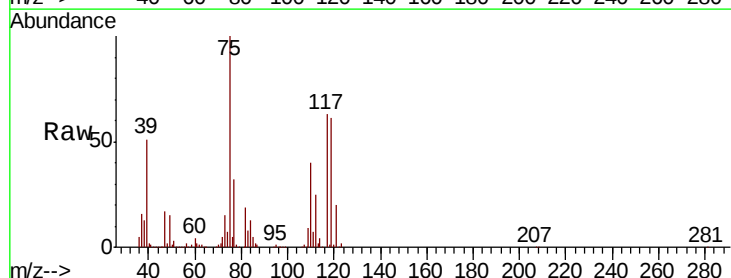
RT: 8.09 min Scan# 1014

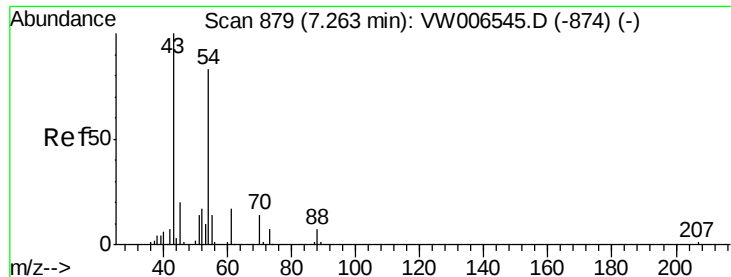
Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Tgt Ion:	75	Resp:	534472
Ion Ratio	Lower	Upper	
75	100		
110	39.2	19.5	58.5
77	31.2	24.6	37.0





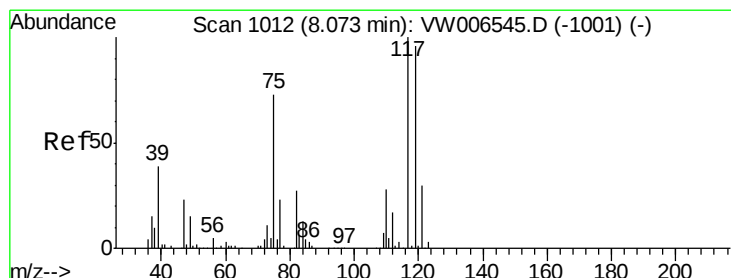
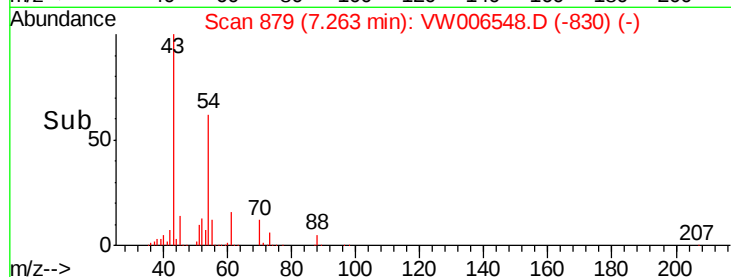
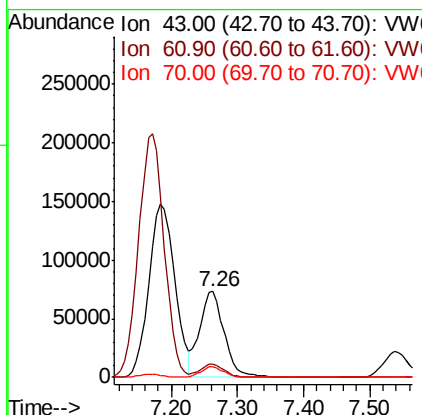
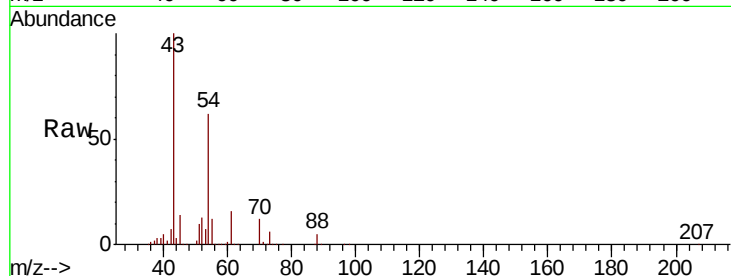
#37
Ethyl Acetate
Concen: 130.263 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.7	9.8	14.6

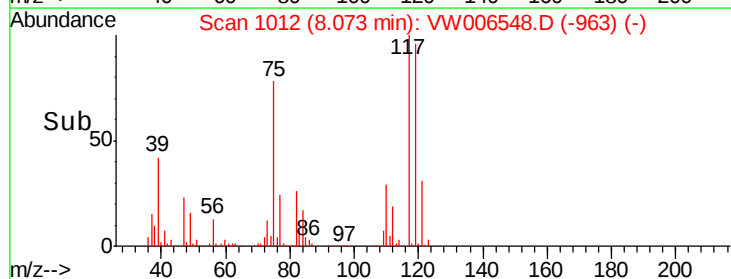
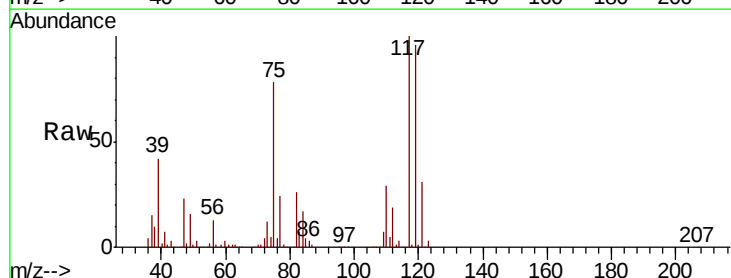
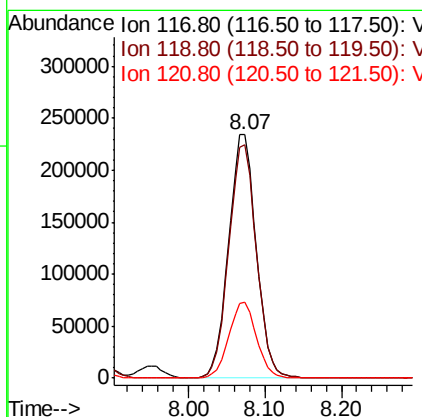
Manual Integrations
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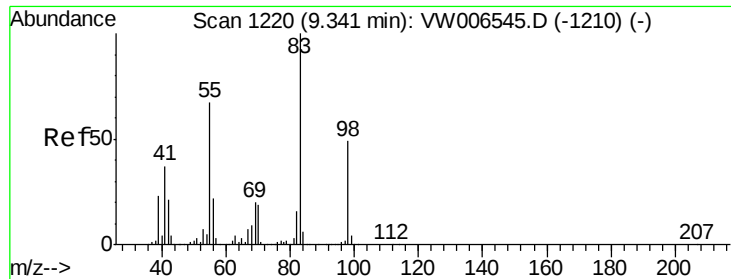
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#38
Carbon Tetrachloride
Concen: 136.328 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.3	114.5
121	31.1	24.1	36.1





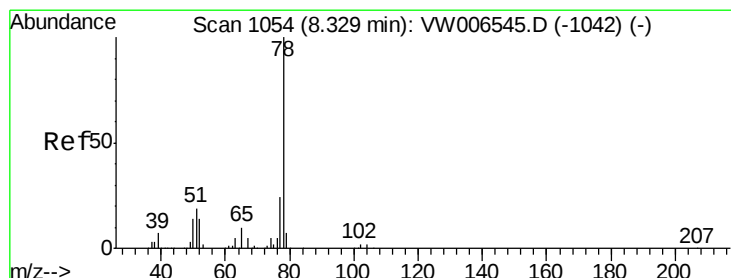
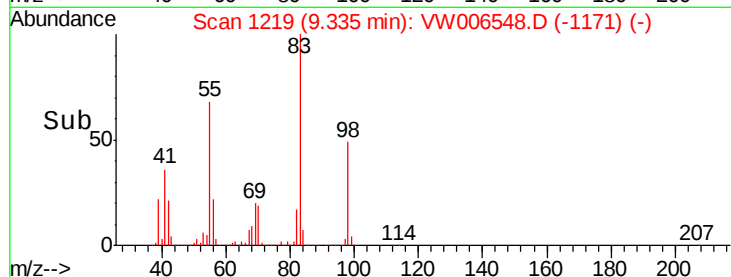
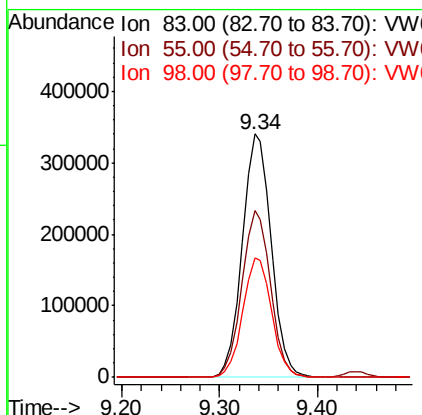
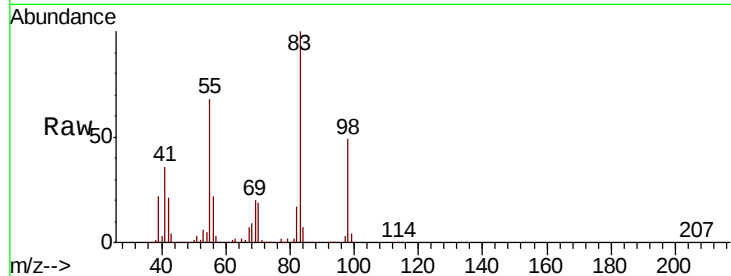
#39
Methvlcvclohexane
Concen: 134.085 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.4	53.7	80.5
98	49.0	39.2	58.8

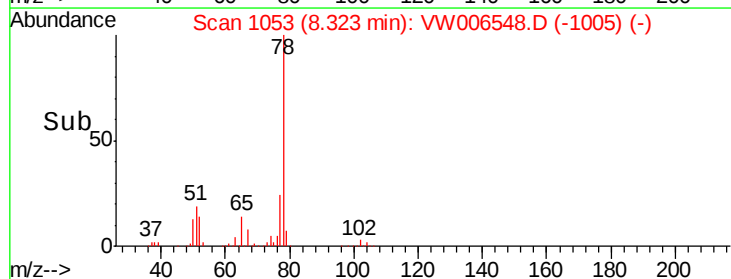
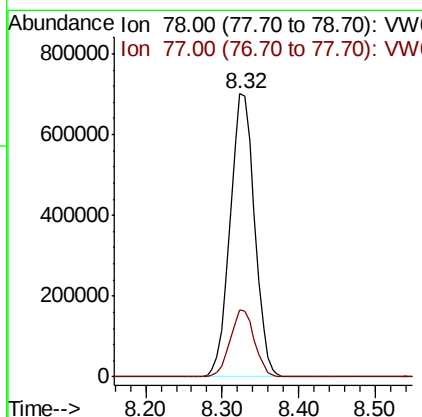
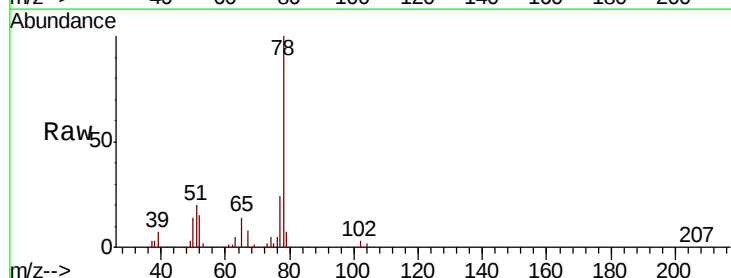
Manual Integrations
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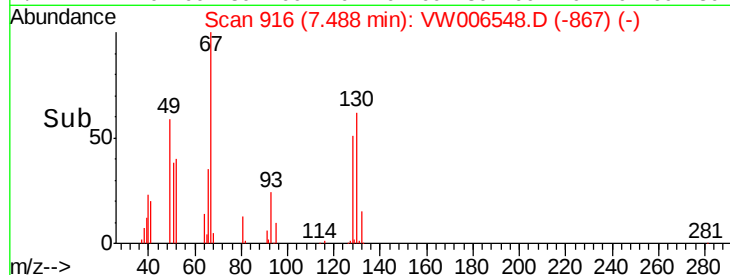
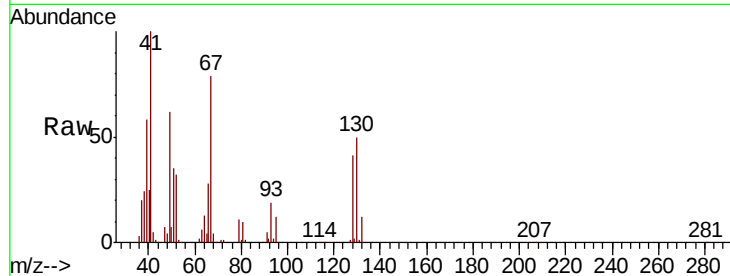
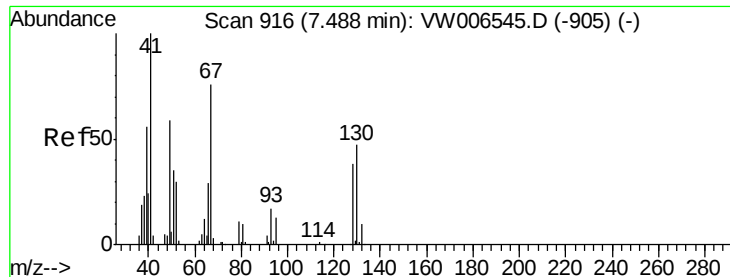
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#40
Benzene
Concen: 142.559 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





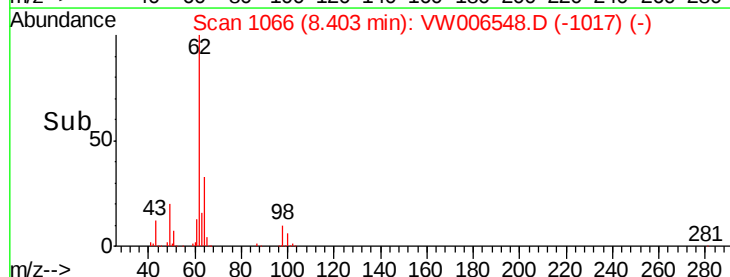
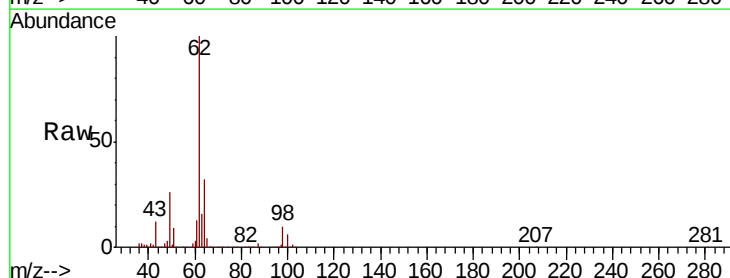
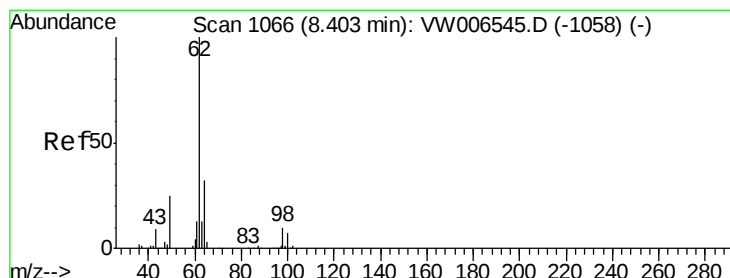
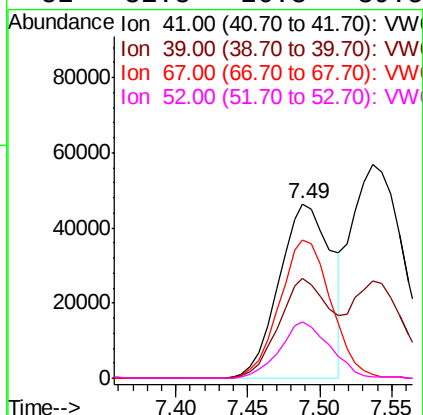
#41
Methacrylonitrile
Concen: 135.932 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	44.5	66.7		
67	77.5	63.8	95.8		
52	31.3	26.3	39.5		

Instrument :
MSVOA_W
ClientSampled :
VSTDICC150

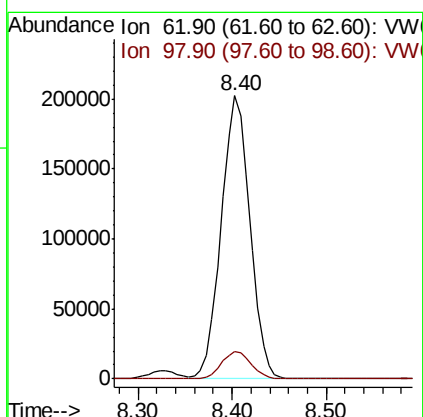
Manual Integrations
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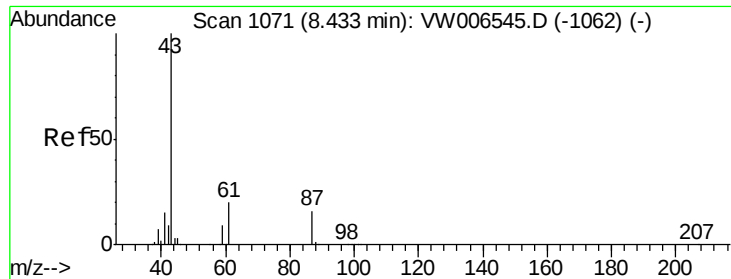
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#42
1,2-Dichloroethane
Concen: 134.890 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.0	0.0	19.8		





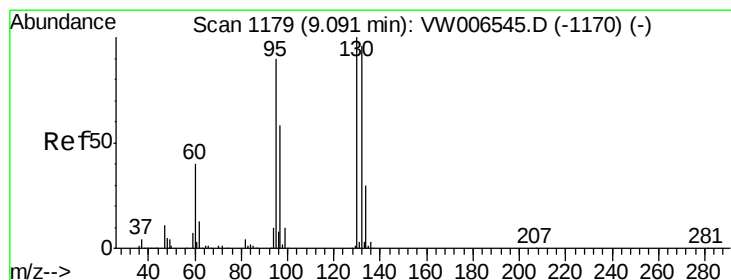
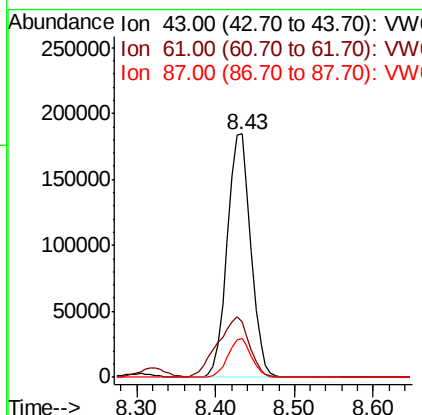
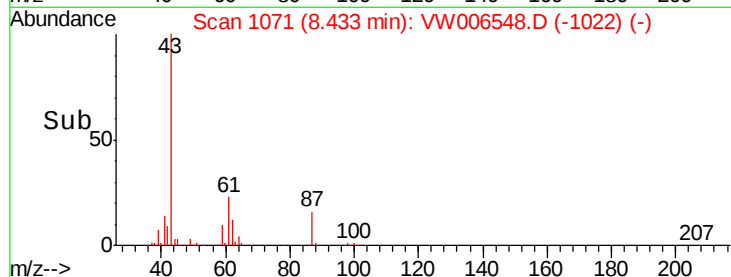
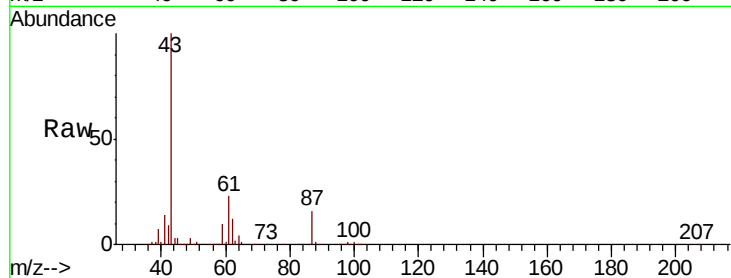
#43
Isopropyl Acetate
Concen: 130.139 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.1	27.2	40.8
87	15.9	12.9	19.3

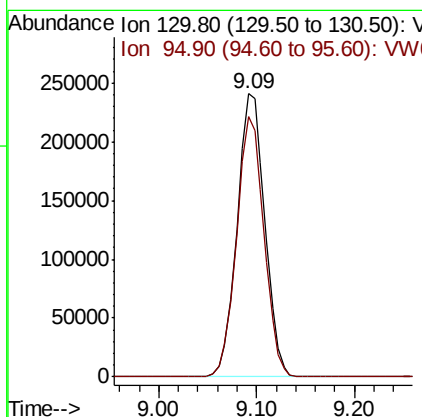
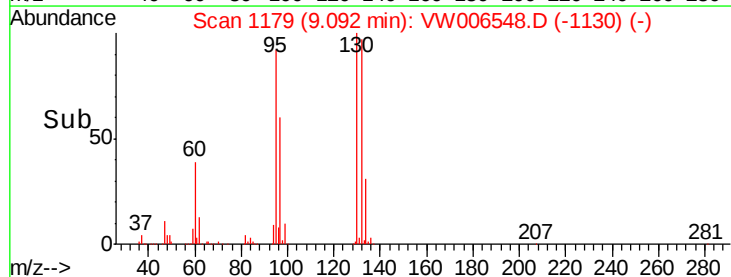
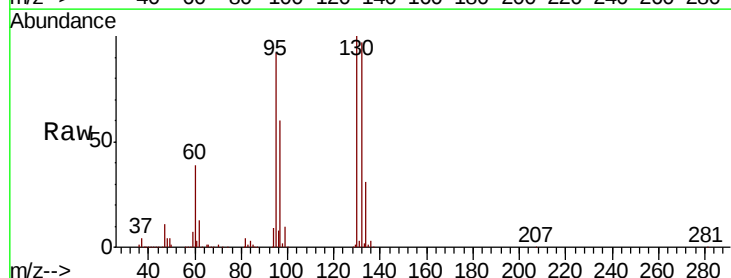
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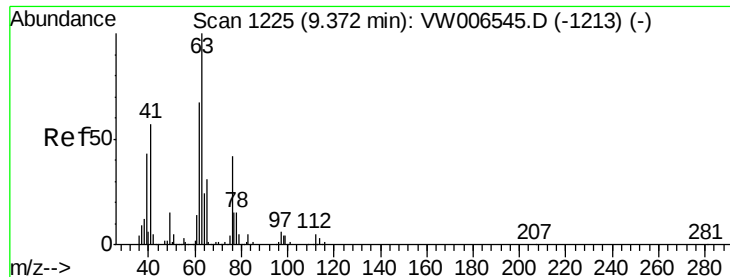
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#44
Trichloroethene
Concen: 141.935 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	179.2





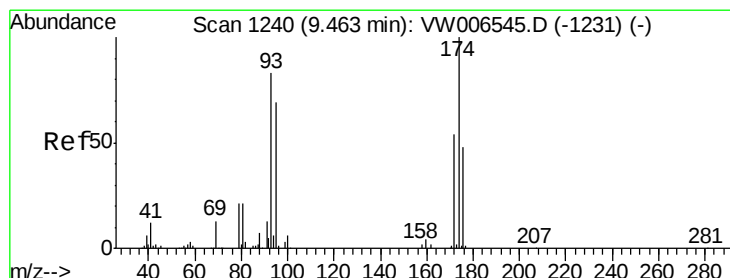
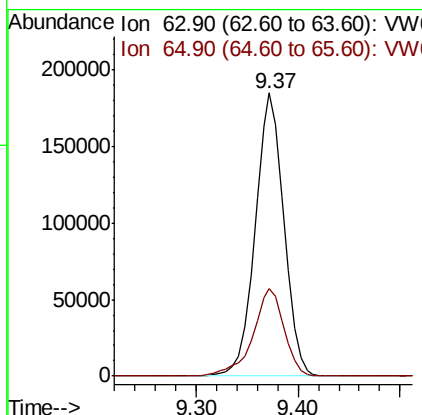
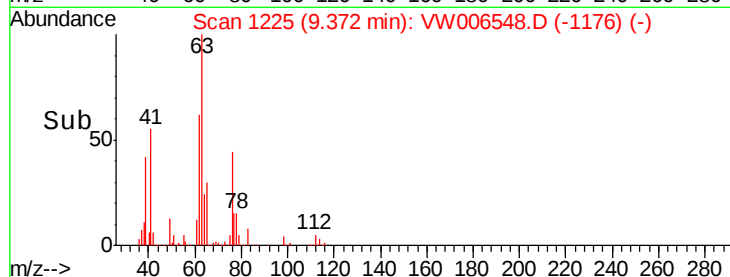
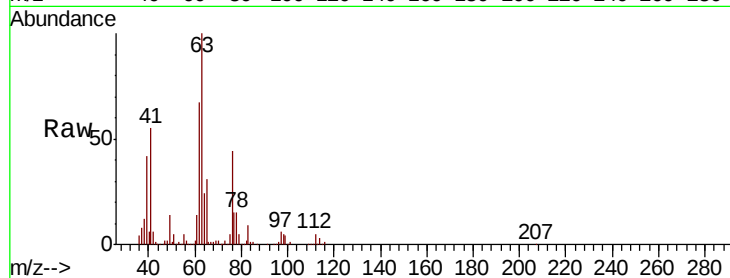
#45
 1,2-Dichloropropane
 Concen: 139.187 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.1	37.7

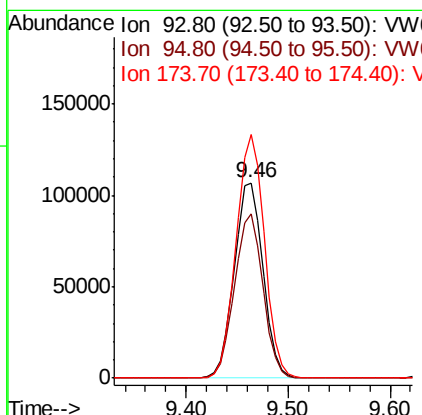
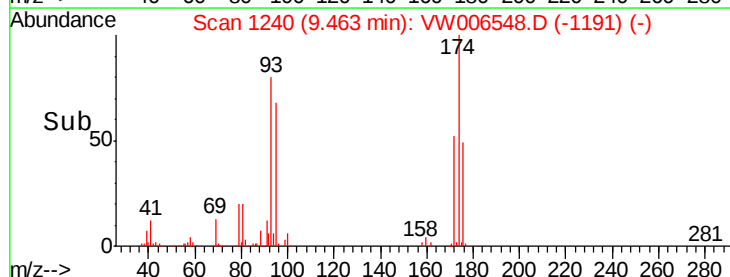
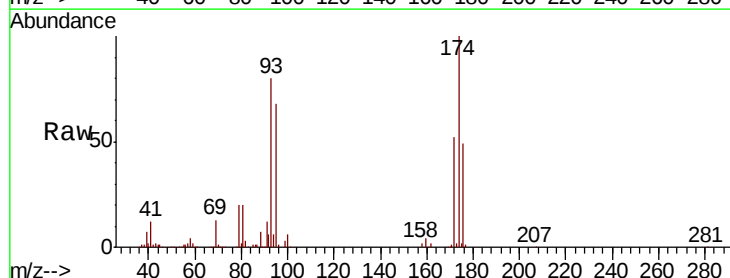
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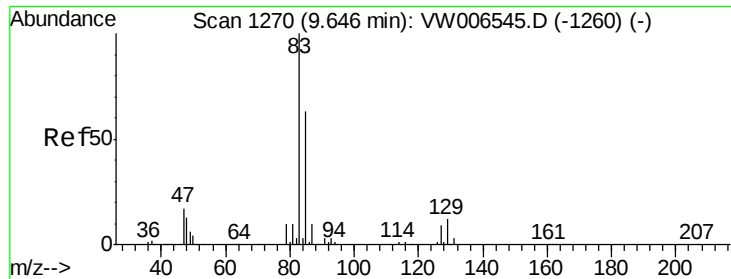
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#46
 Dibromomethane
 Concen: 140.957 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.2	100.8
174	122.9	97.3	145.9





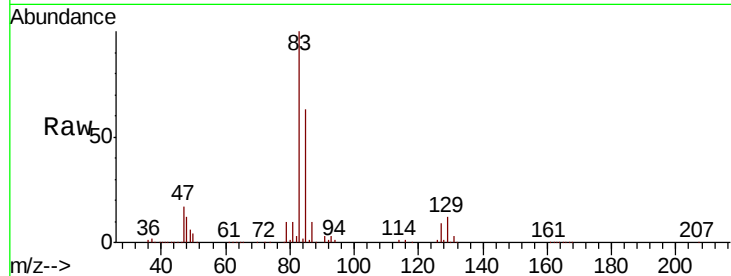
#47
Bromodichloromethane
Concen: 143.156 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

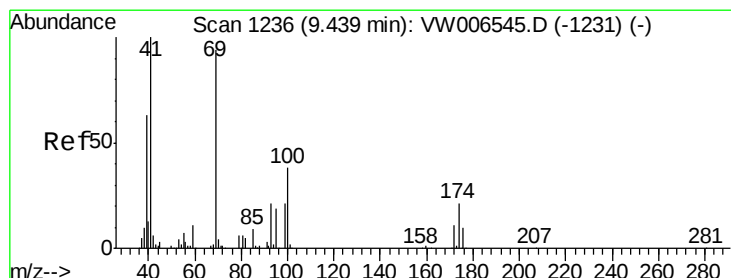
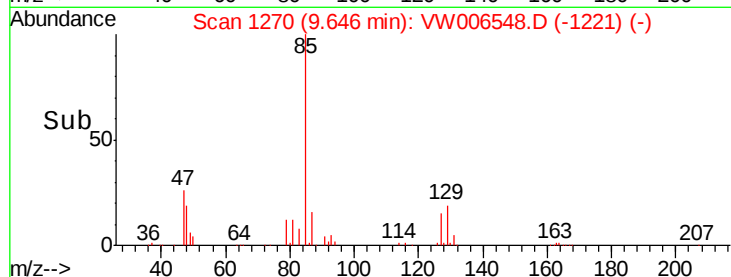
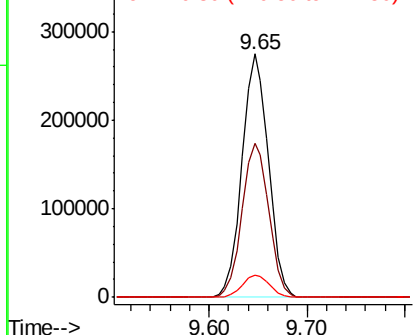
Tot Ion	Ratio	Resp	Lower	Upper
83	100	511837		
85	63.1	50.6	75.8	
127	9.3	7.5	11.3	

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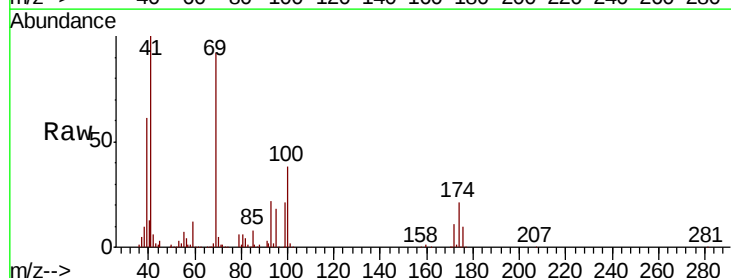


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

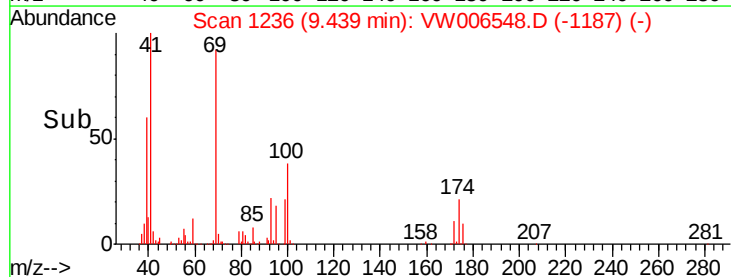
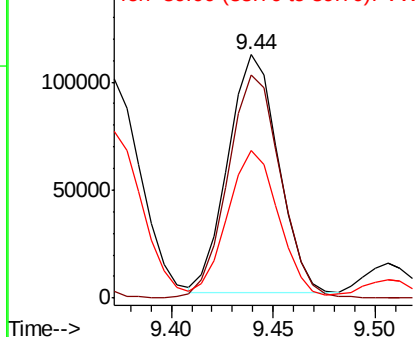


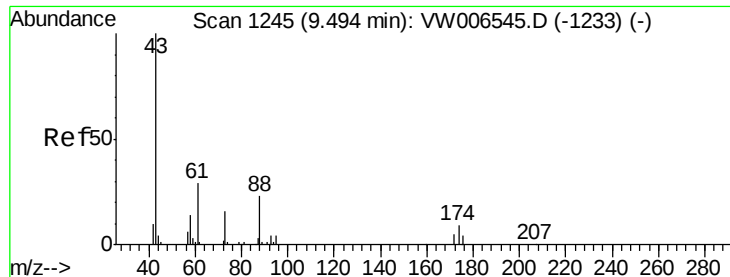
#48
Methyl methacrylate
Concen: 134.281 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	188346		
69	98.8	77.8	116.8	
39	60.2	48.7	73.1	



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





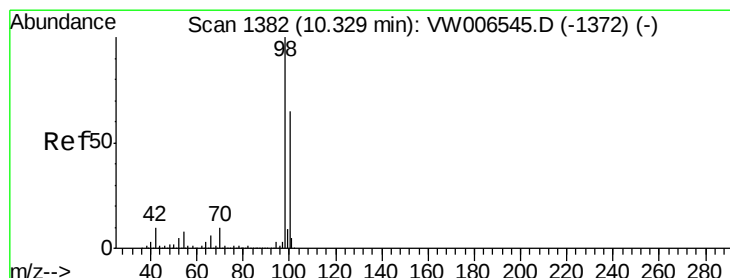
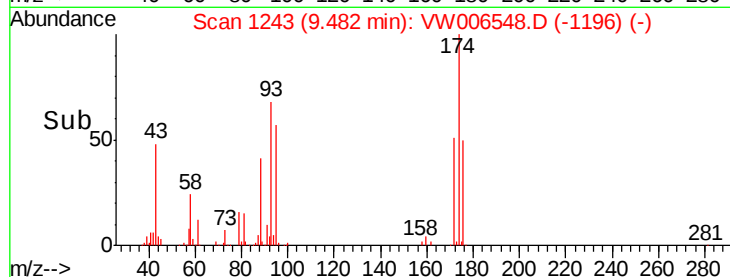
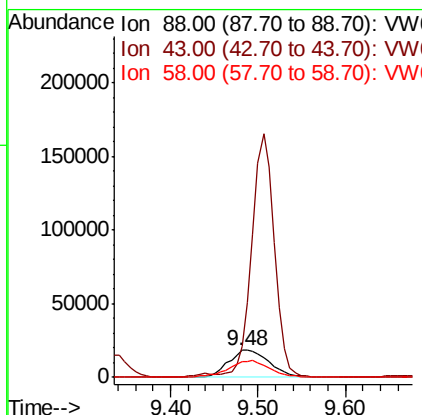
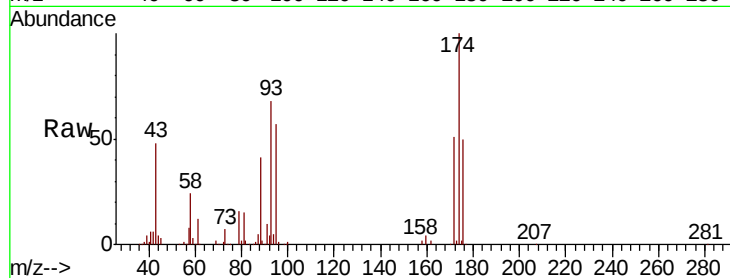
#49
1,4-Dioxane
Concen: 2641.806 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	0.0	51.4	77.2#

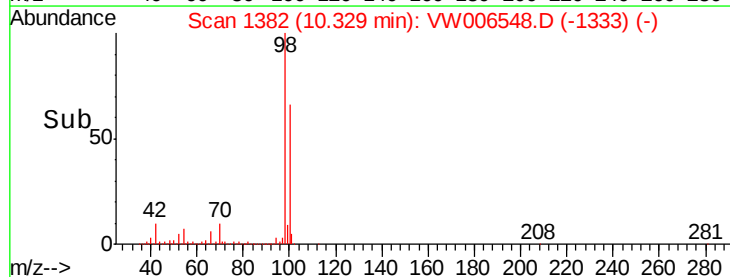
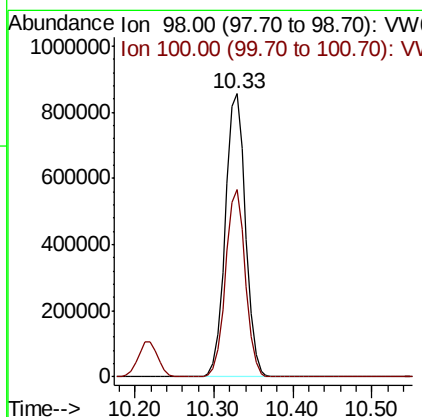
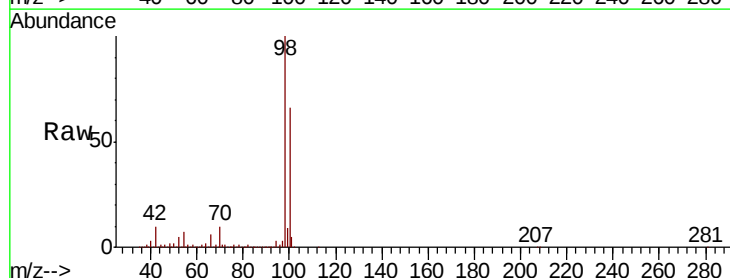
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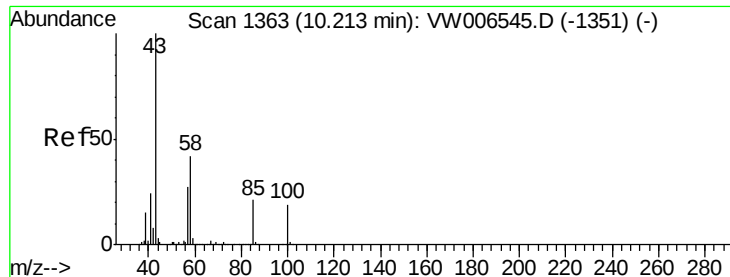
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#50
Toluene-d8
Concen: 154.660 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 651.856 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 968463

Ion Ratio Lower Upper

43 100

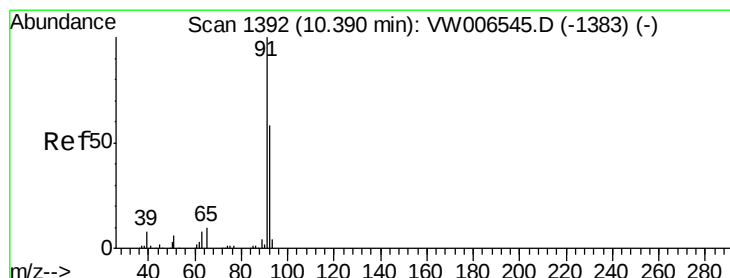
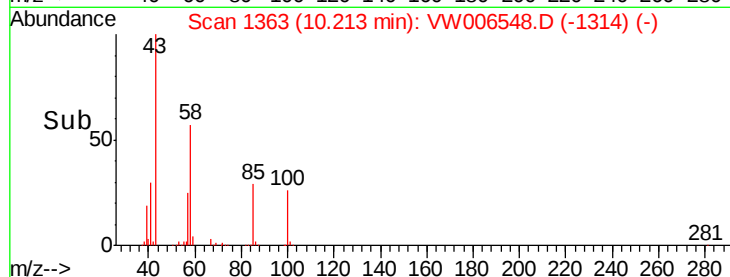
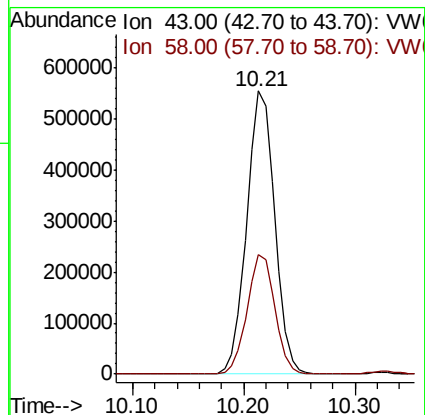
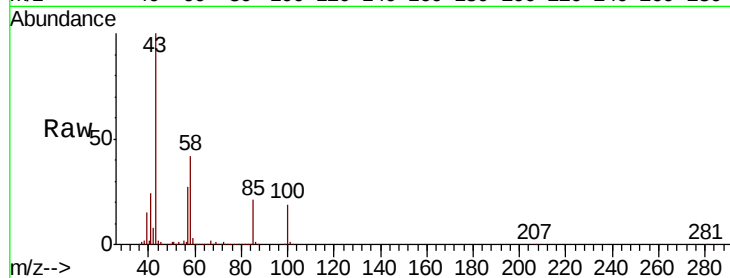
58 42.0 33.4 50.0

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#52

Toluene

Concen: 144.507 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006548.D

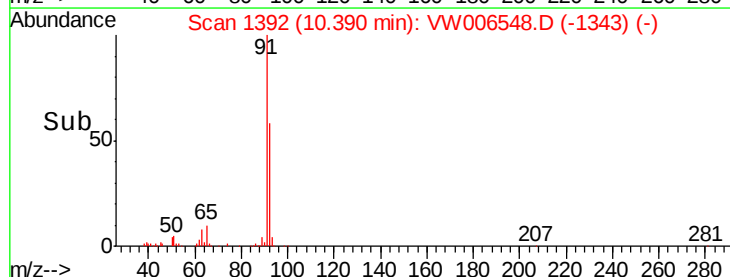
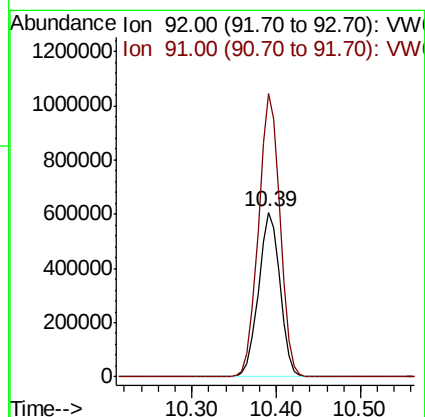
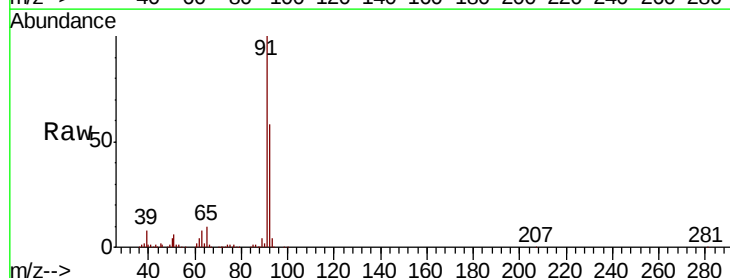
Acq: 01 Nov 2018 02:04

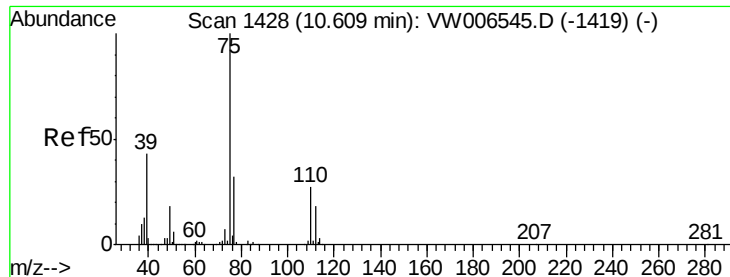
Tgt Ion: 92 Resp: 1052028

Ion Ratio Lower Upper

92 100

91 172.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 144.152 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 511411

Ion Ratio Lower Upper

75 100

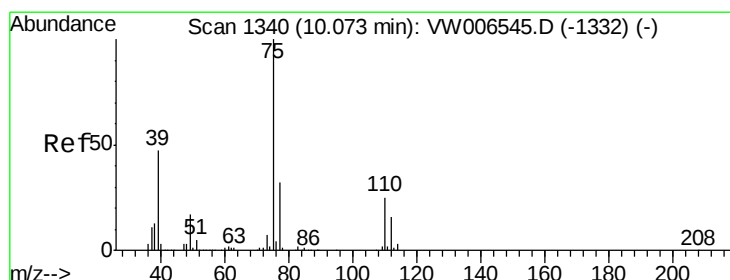
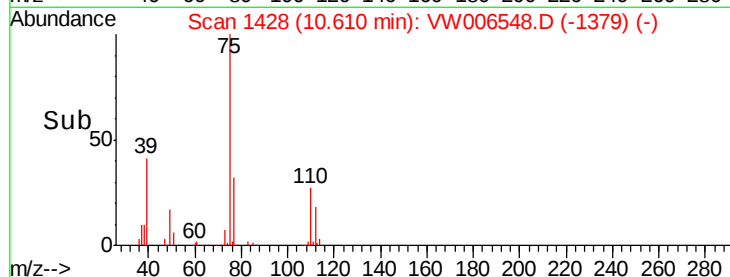
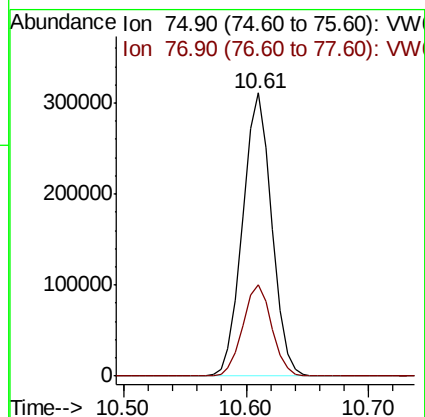
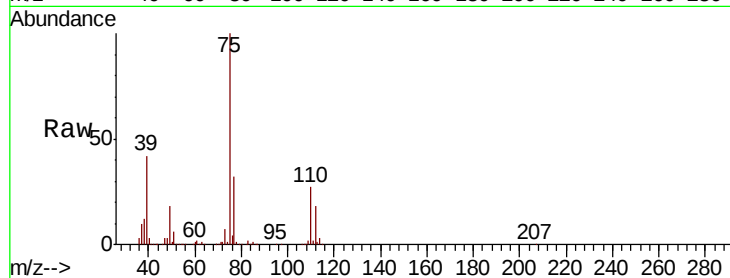
77 32.2 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 144.154 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

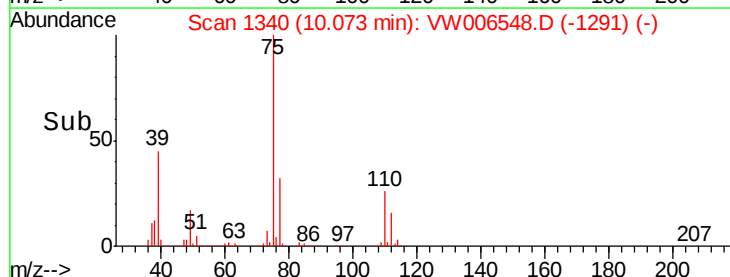
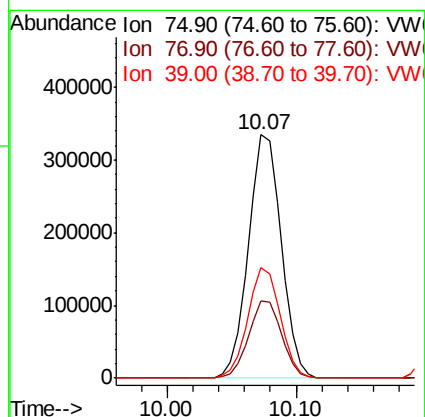
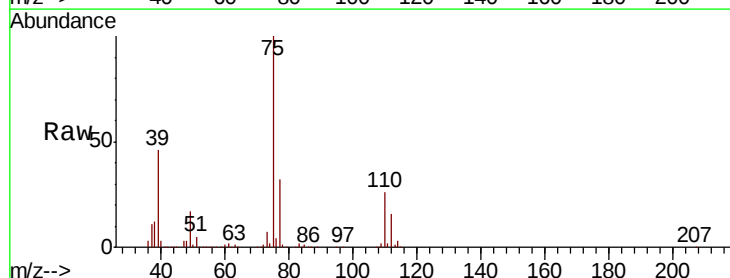
Tgt Ion: 75 Resp: 588326

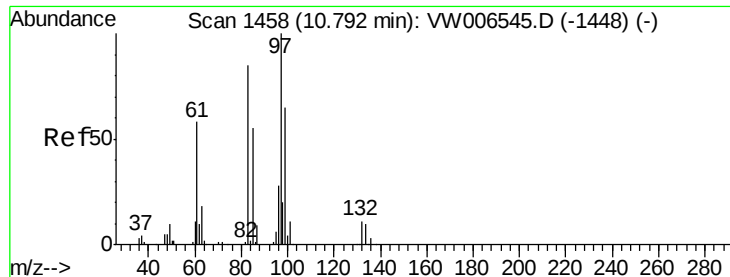
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

39 45.5 37.3 55.9





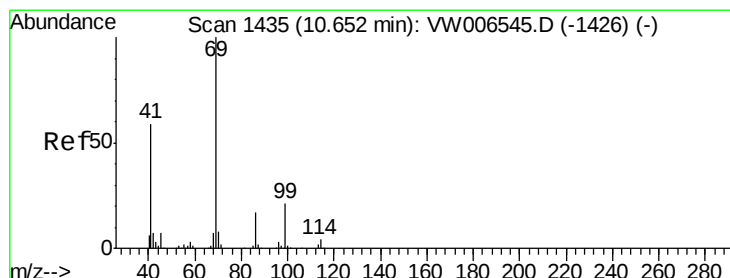
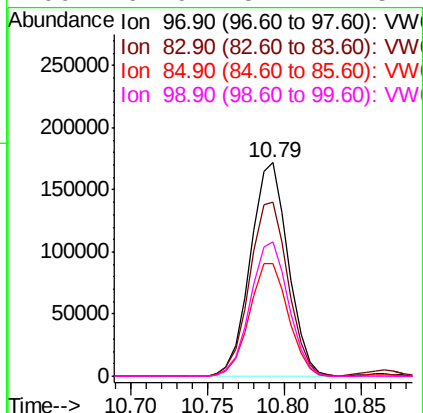
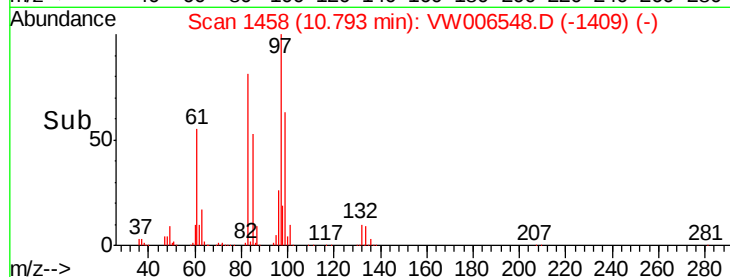
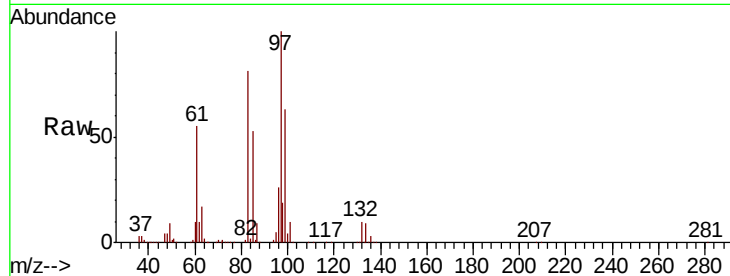
#55
 1,1,2-Trichloroethane
 Concen: 142.629 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	296019
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.9	101.9
85	52.9	44.0	66.0
99	62.9	52.2	78.2

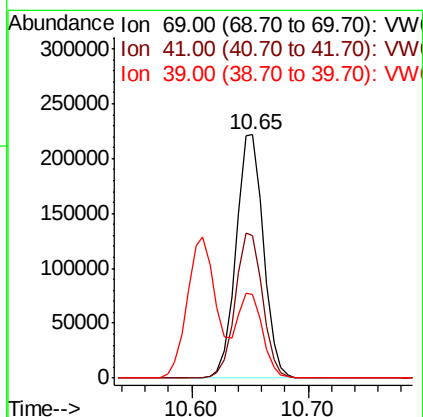
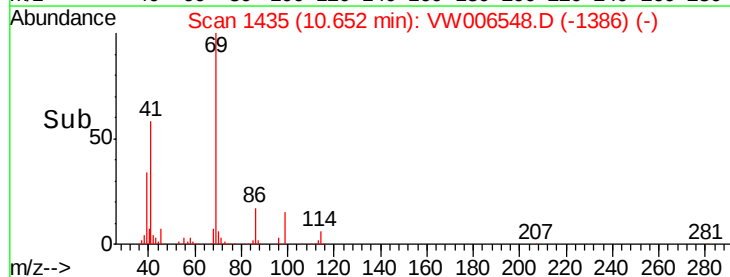
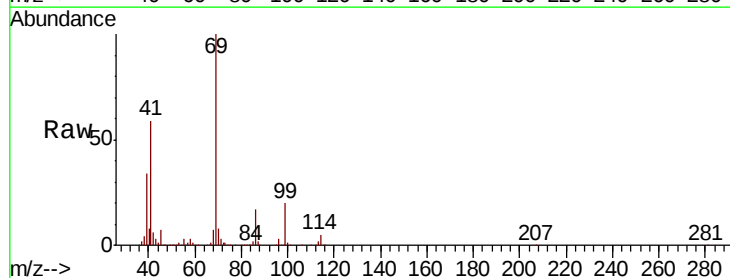
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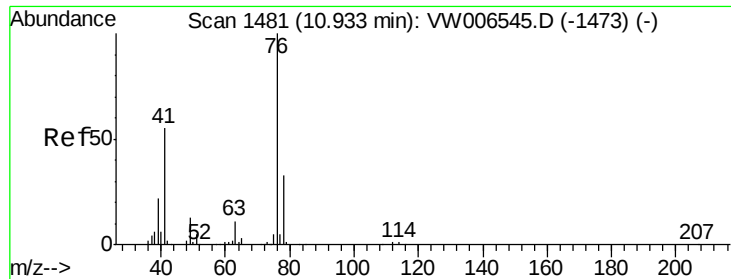
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#56
 Ethyl methacrylate
 Concen: 144.218 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion:	69	Resp:	364462
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.4	71.2
39	30.6	25.3	37.9





#57

1,3-Dichloropropane

Concen: 139.792 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 76 Resp: 478853

Ion Ratio Lower Upper

76 100

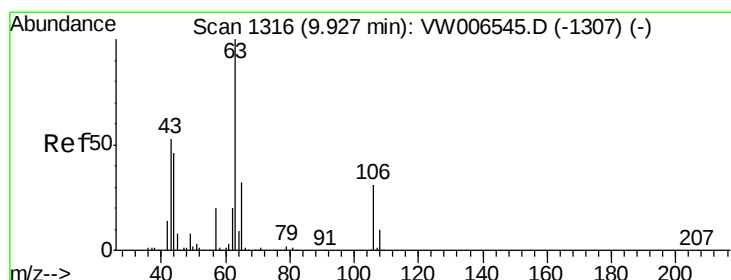
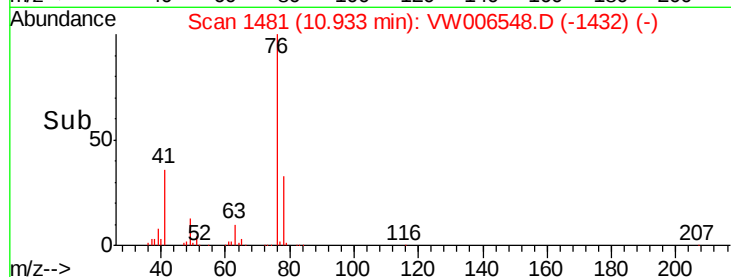
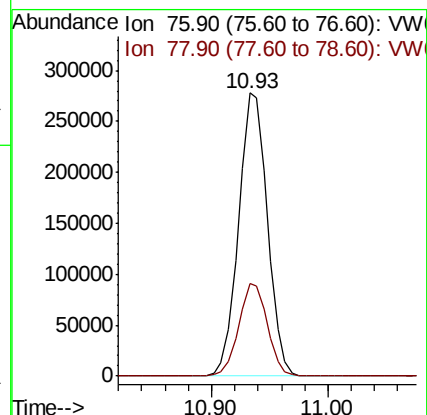
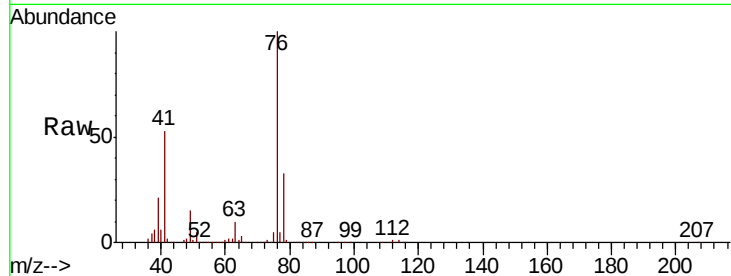
78 32.6 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 842.611 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006548.D

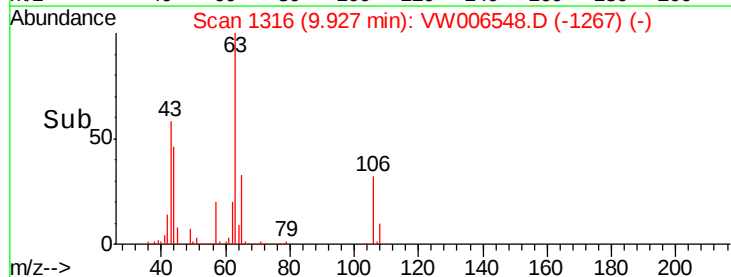
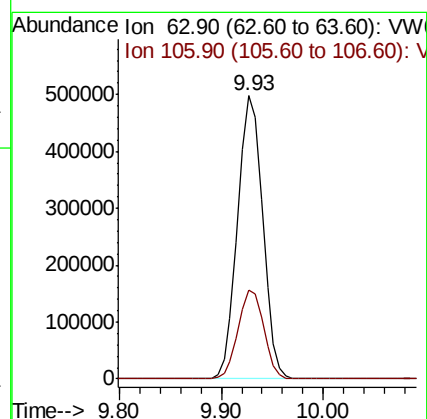
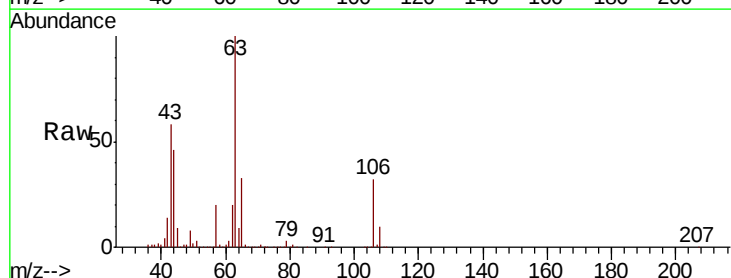
Acq: 01 Nov 2018 02:04

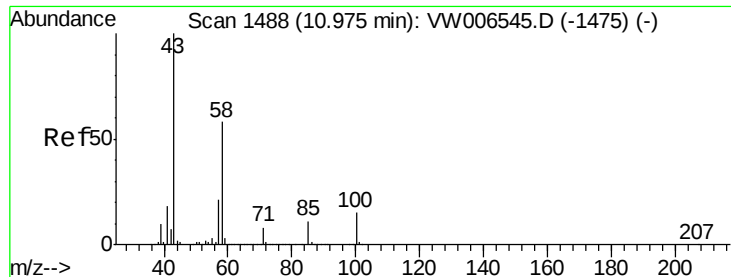
Tgt Ion: 63 Resp: 846016

Ion Ratio Lower Upper

63 100

106 32.0 25.4 38.2





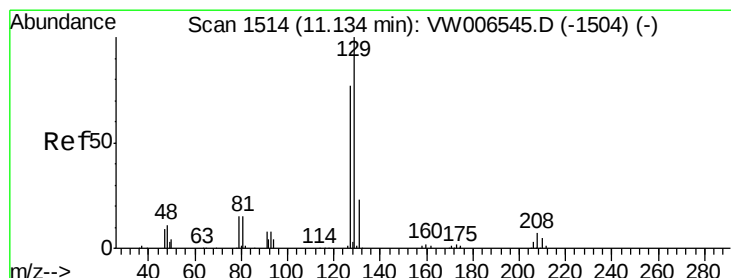
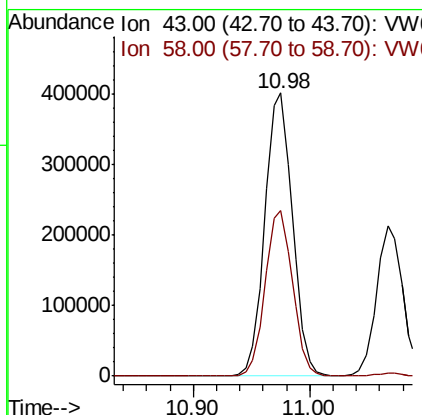
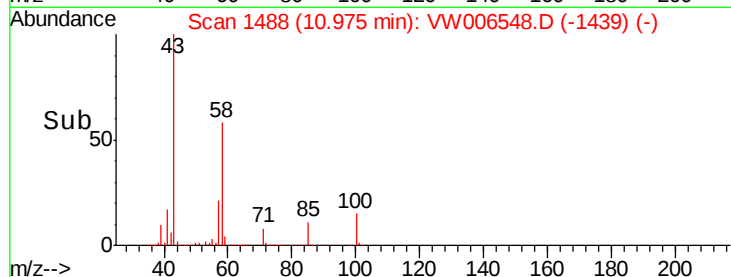
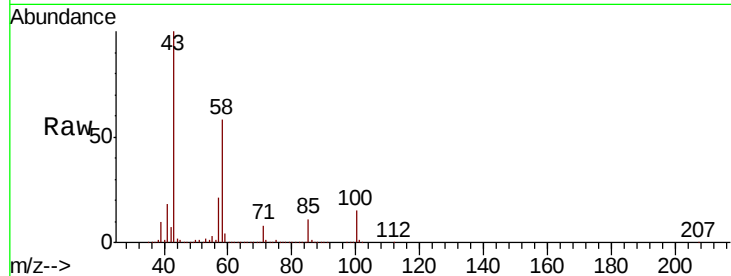
#59
2-Hexanone
Concen: 622.070 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 657099
Ion Ratio Lower Upper
43 100
58 57.9 28.8 86.4

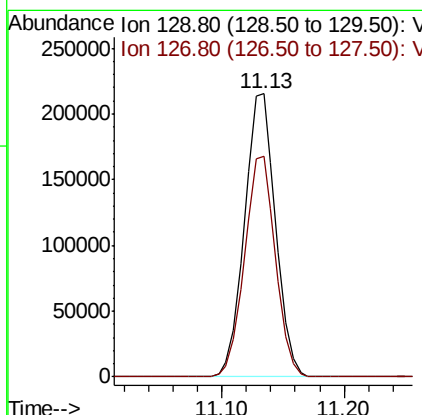
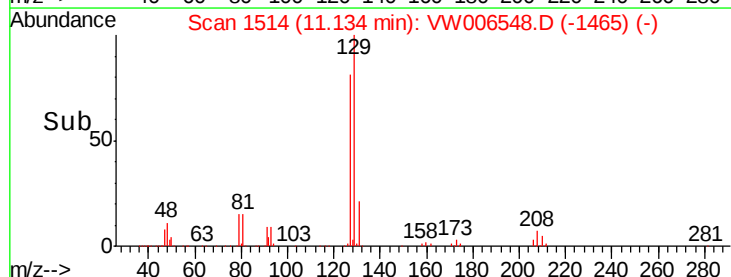
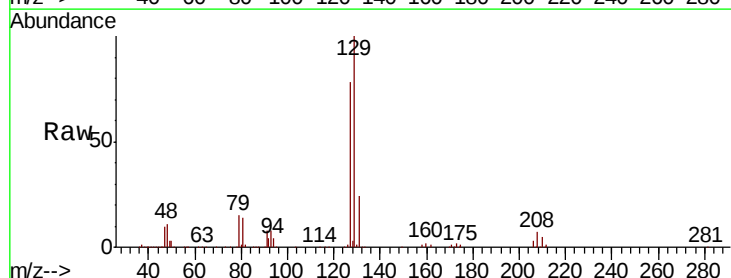
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#60
Dibromochloromethane
Concen: 147.823 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 129 Resp: 380384
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3





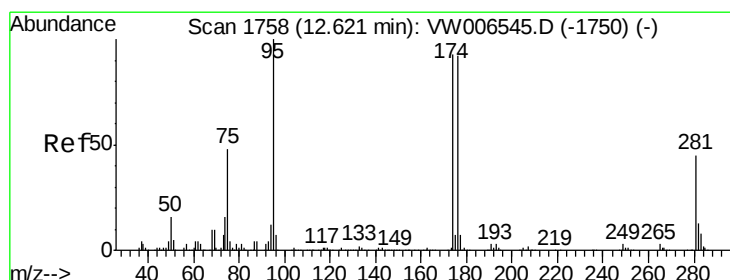
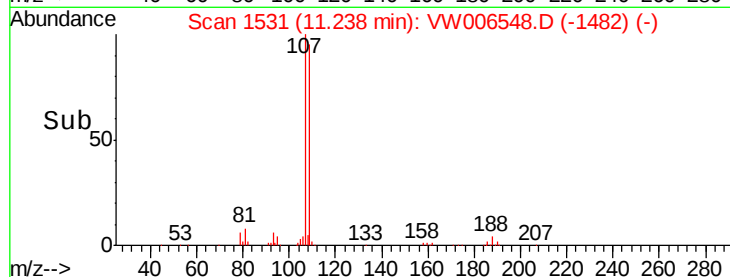
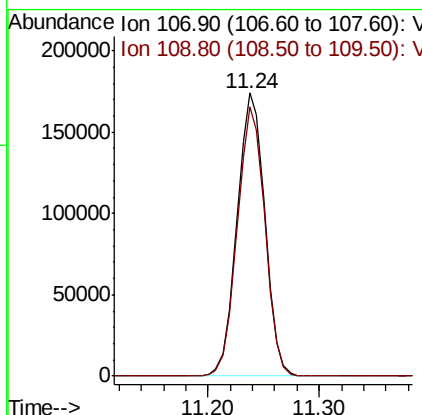
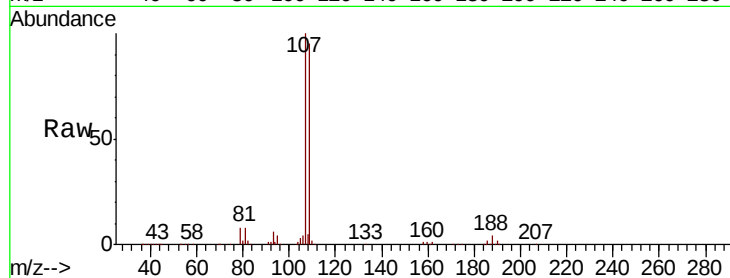
#61
 1,2-Dibromoethane
 Concen: 144.325 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.6

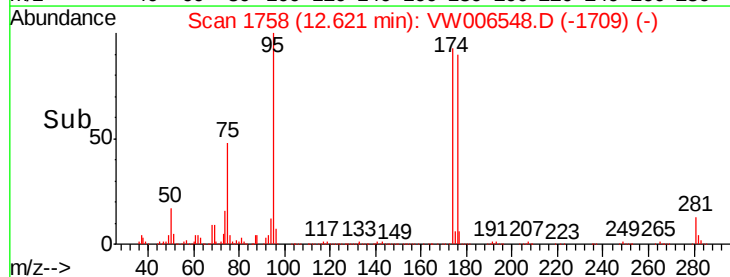
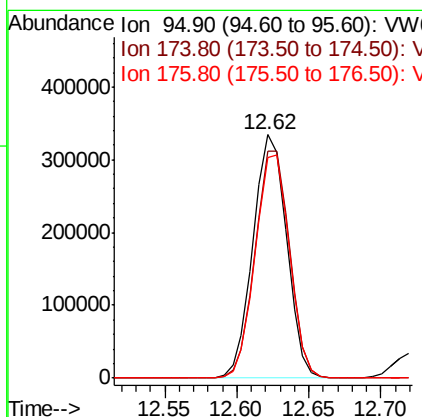
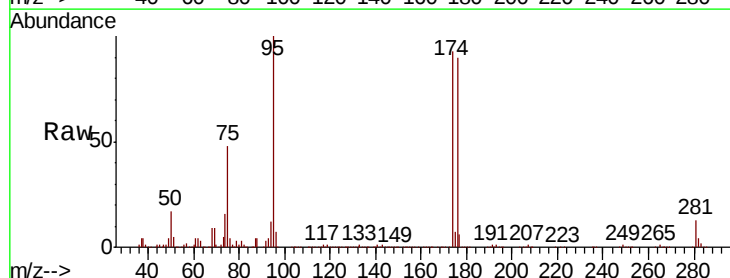
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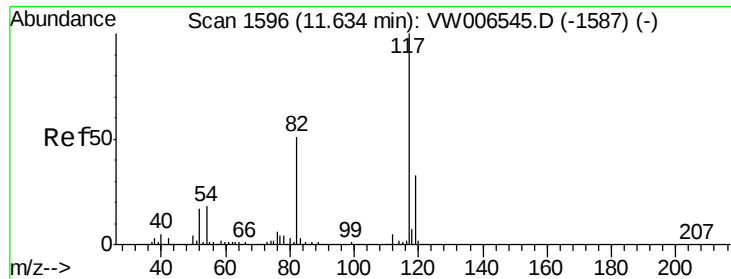
apatel
 11/2/2018 3:20:16 PM



#62
 4-Bromofluorobenzene
 Concen: 147.904 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	192.4
176	93.4	0.0	187.4





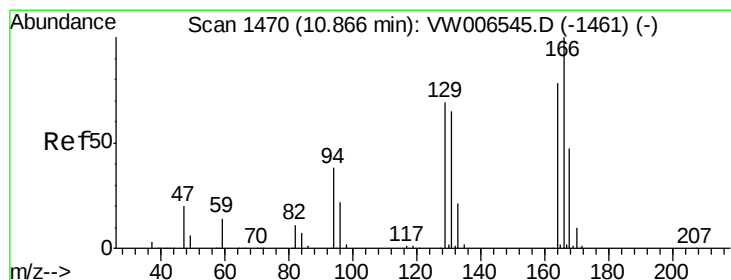
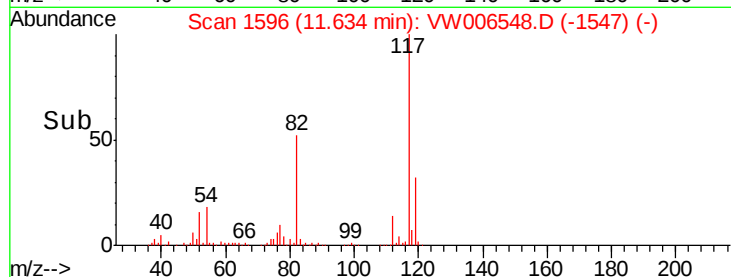
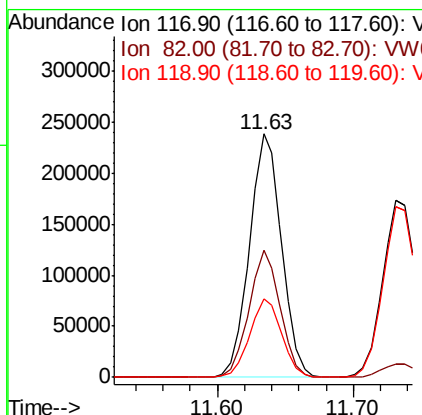
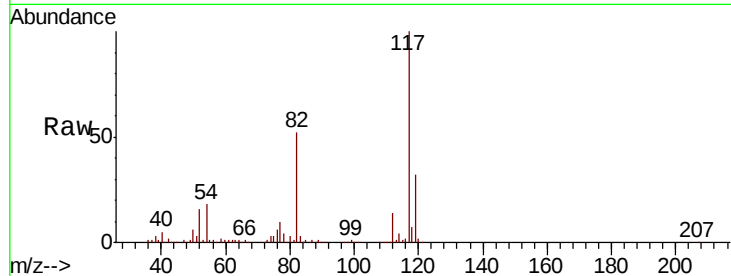
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.8	61.2
119	32.5	26.1	39.1

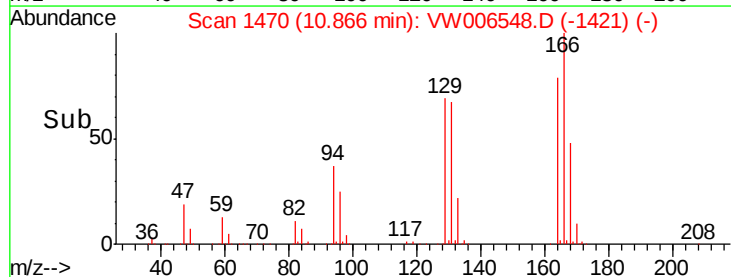
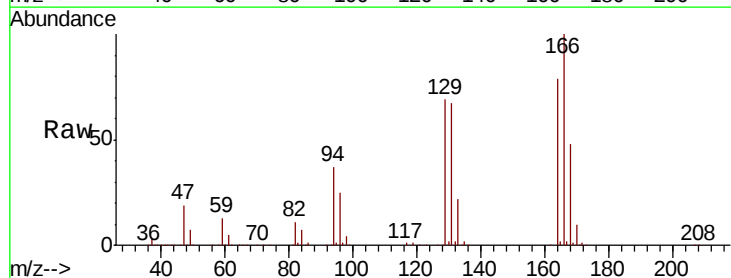
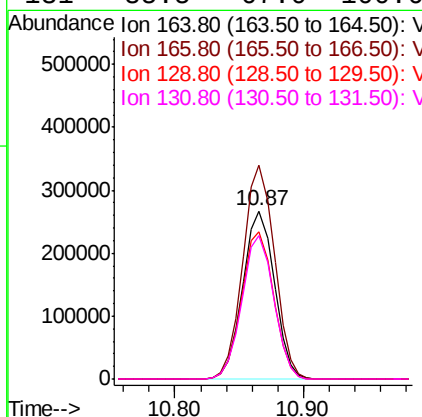
Manual Integrations
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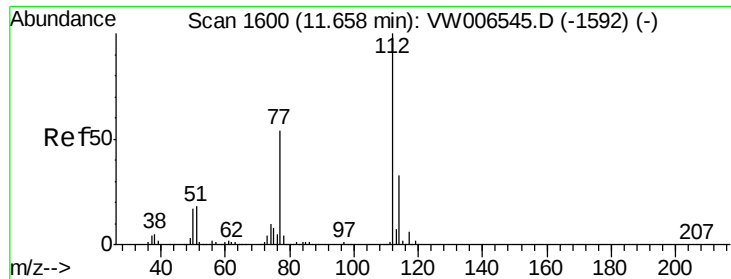
apatel
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#64
Tetrachloroethene
Concen: 147.197 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.8	154.2
129	87.4	70.9	106.3
131	85.5	67.0	100.6





#65

Chlorobenzene

Concen: 142.463 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1202229

Ion Ratio Lower Upper

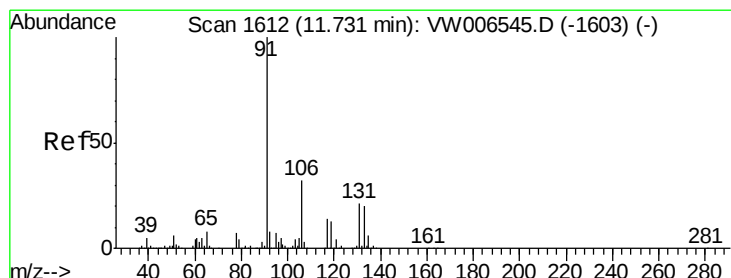
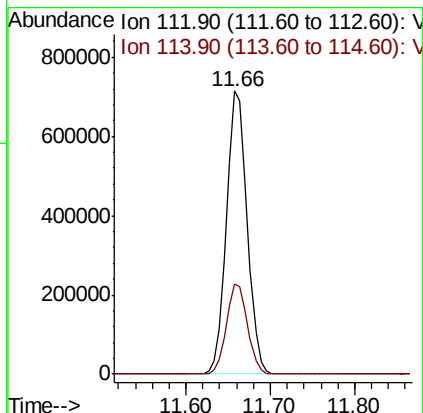
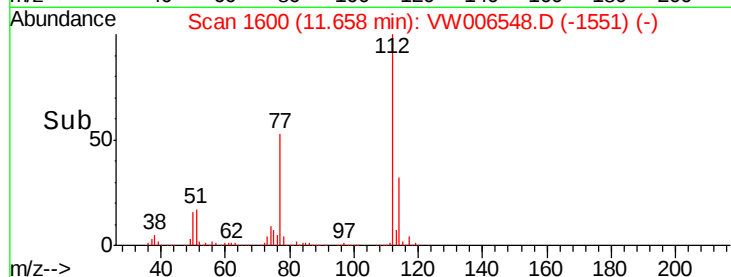
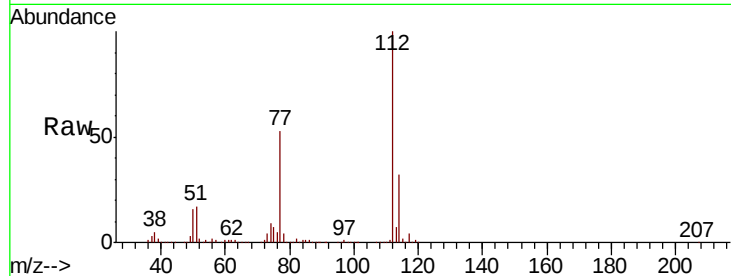
112 100

114 31.9 26.2 39.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 148.417 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

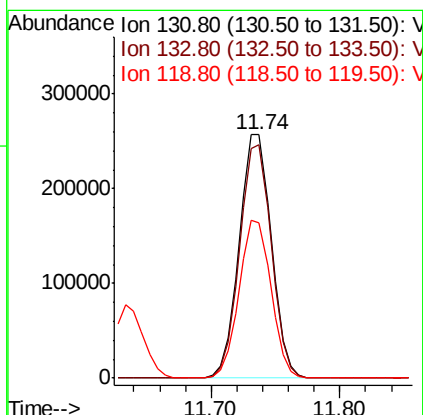
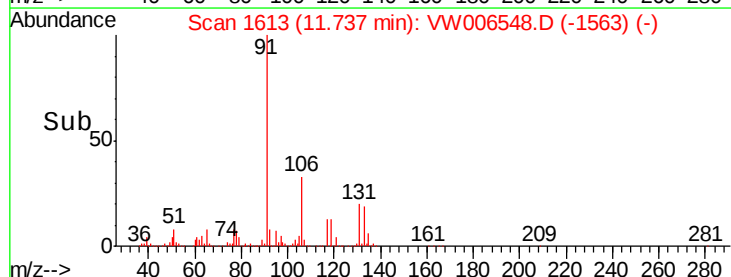
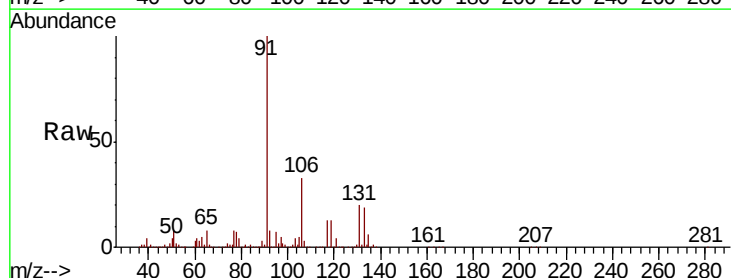
Tgt Ion:131 Resp: 443770

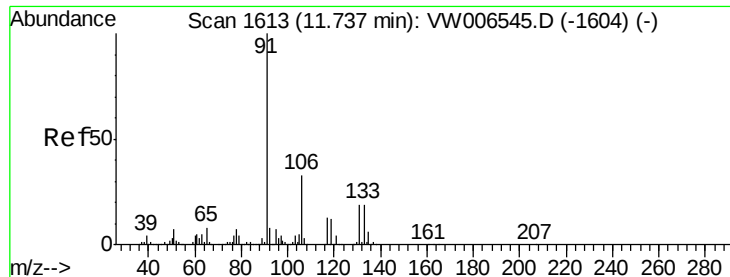
Ion Ratio Lower Upper

131 100

133 94.7 47.5 142.5

119 64.4 31.9 95.5





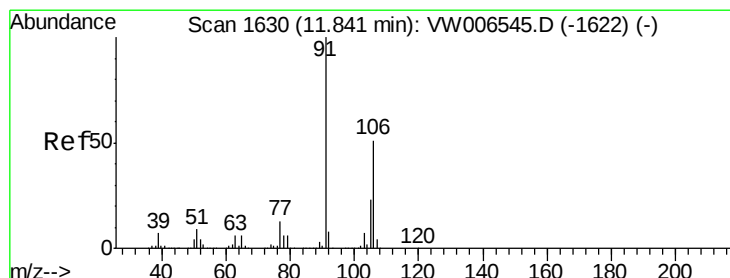
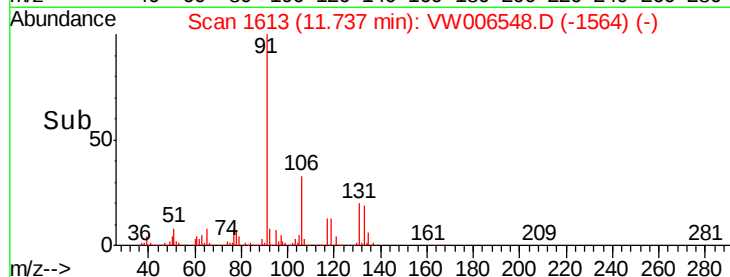
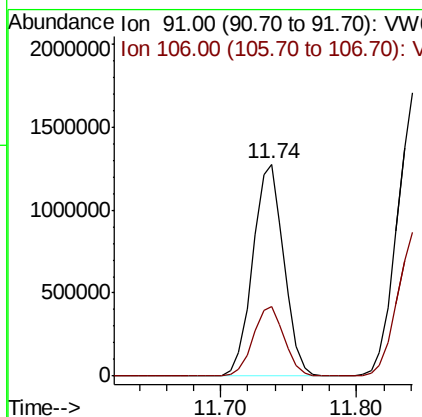
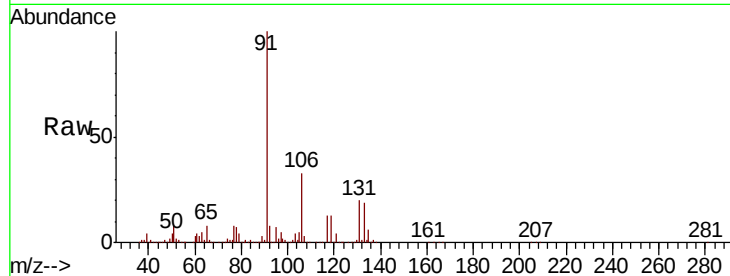
#67
Ethyl Benzene
Concen: 140.545 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 2044019
Ion Ratio Lower Upper
91 100
106 32.6 26.3 39.5

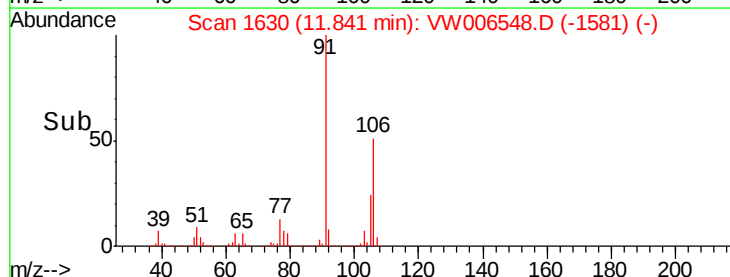
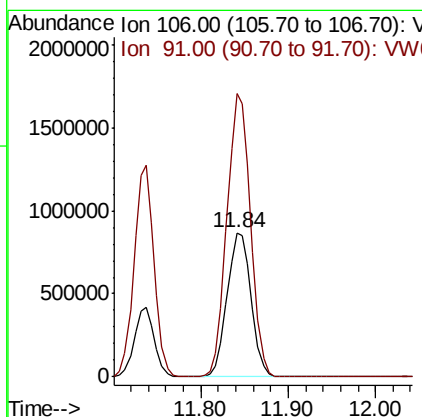
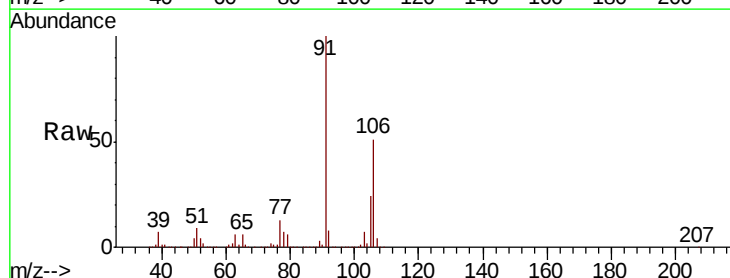
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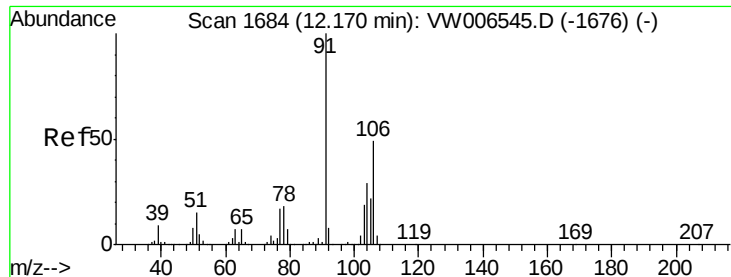
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#68
m/p-Xylenes
Concen: 284.767 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 106 Resp: 1640268
Ion Ratio Lower Upper
106 100
91 194.5 156.7 235.1





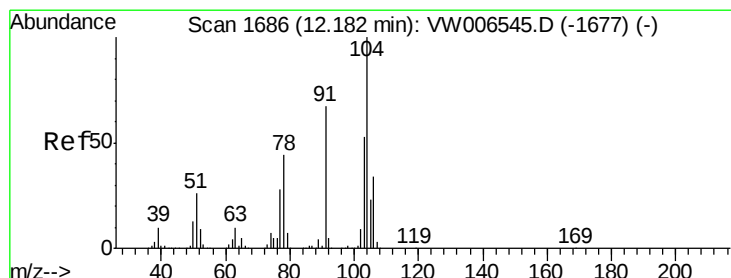
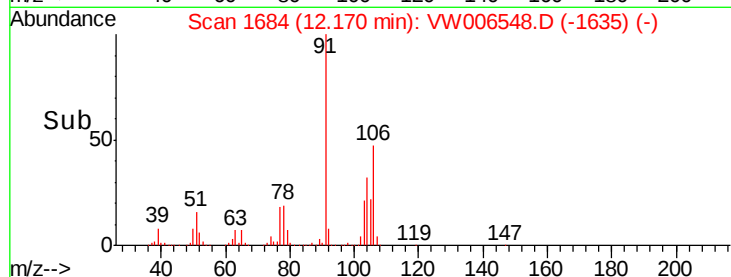
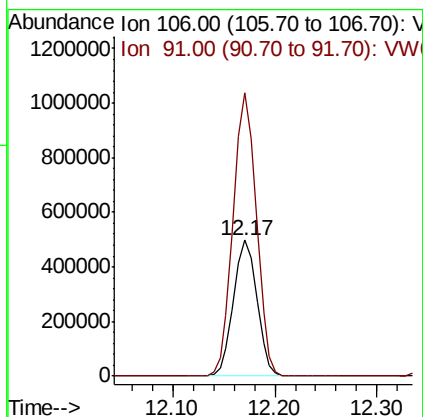
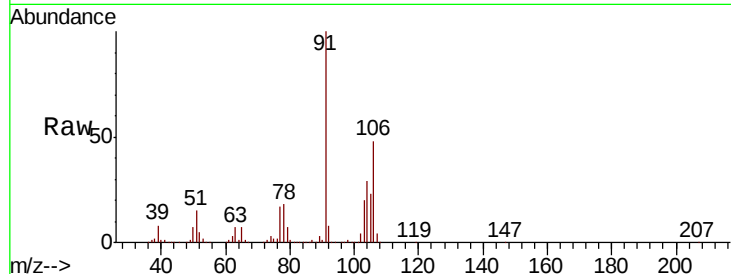
#69
o-Xylene
Concen: 144.437 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.0	102.8	308.4

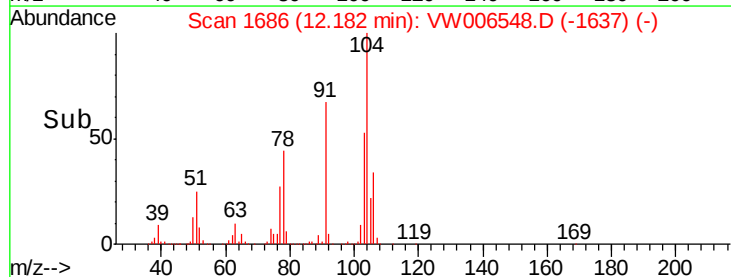
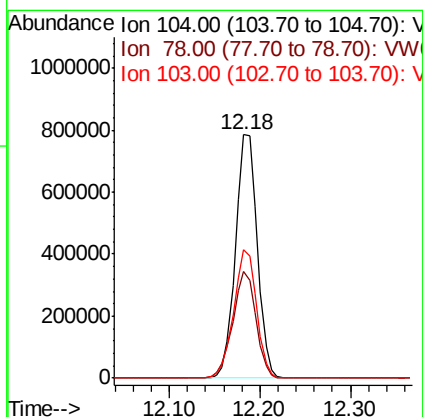
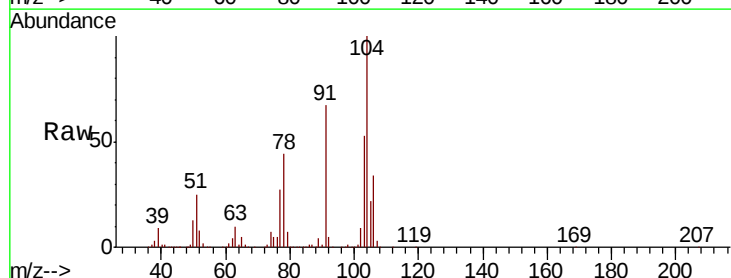
Manual Integrations
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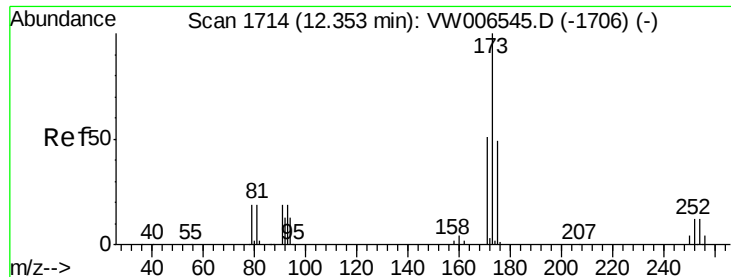
apatel
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#70
Styrene
Concen: 146.348 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.5	37.2	55.8
103	55.3	44.2	66.2





#71

Bromoform

Concen: 149.698 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

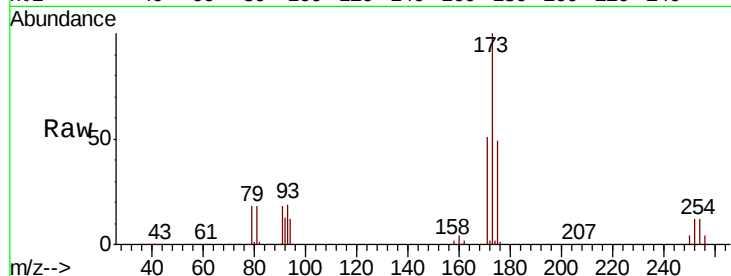
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.4
254	0.0	0.1	0.1#

Manual Integrations
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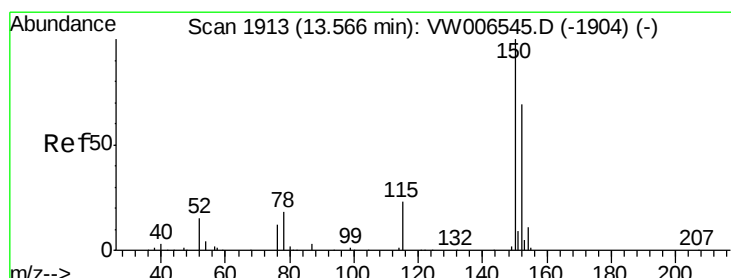
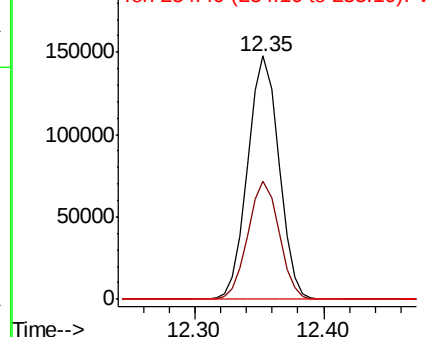
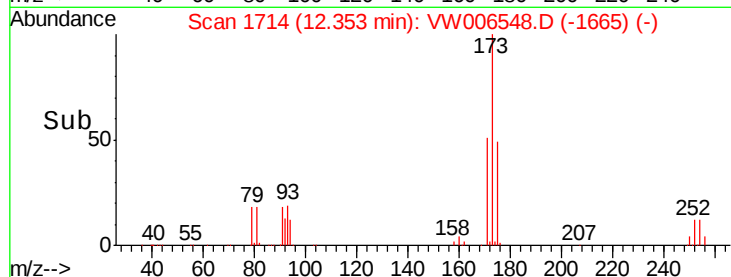


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

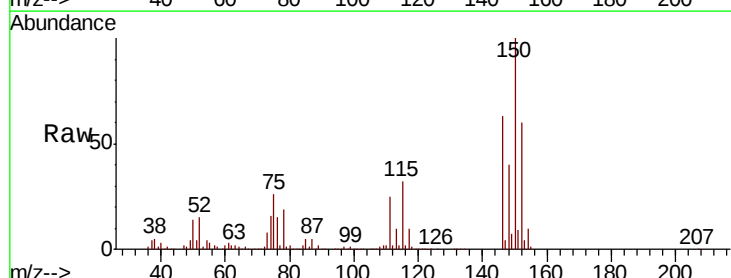
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.6	79.8
150	205.0	0.0	344.6

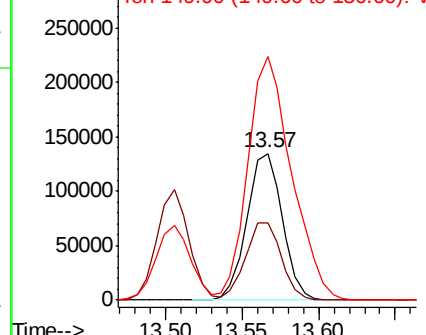
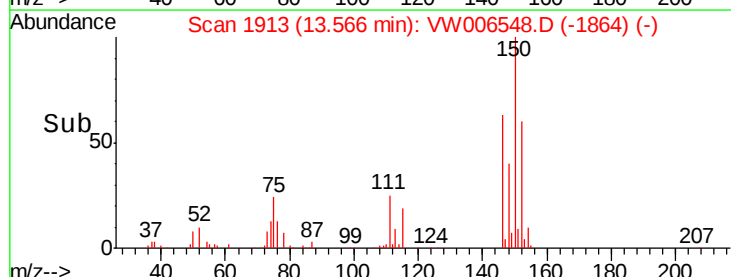


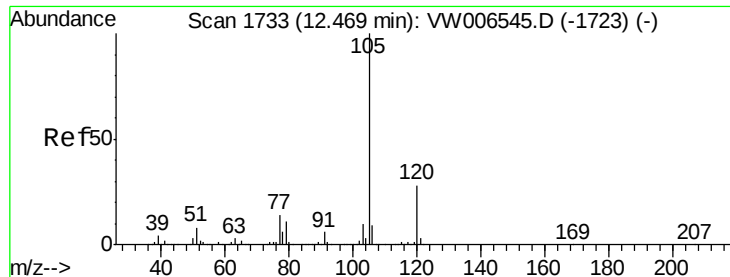
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





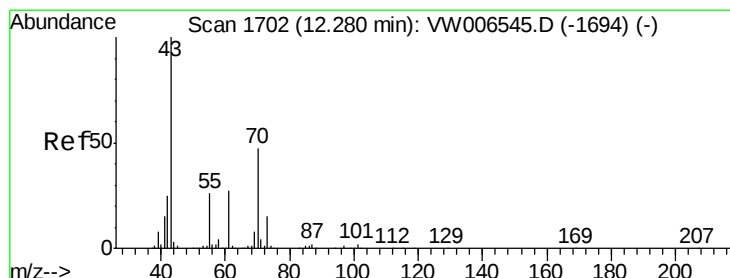
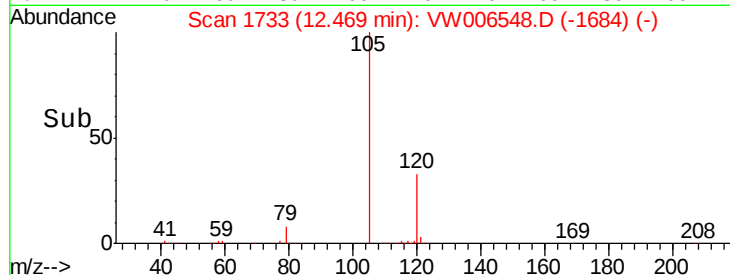
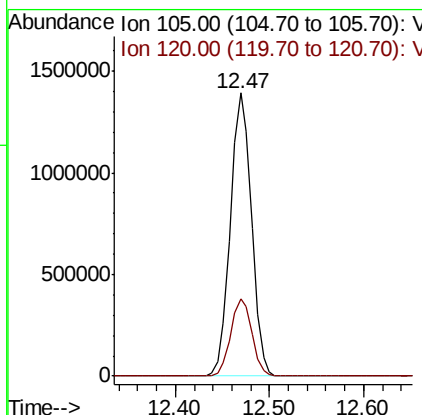
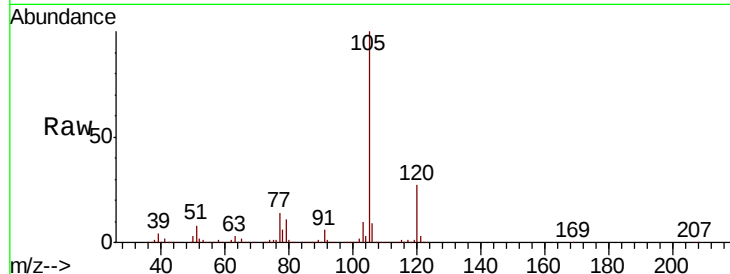
#73
Isopropylbenzene
Concen: 141.728 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 2160988
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1

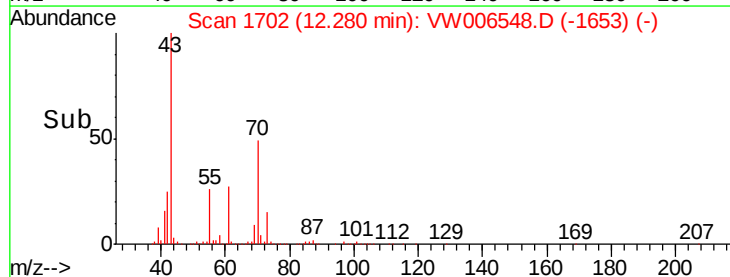
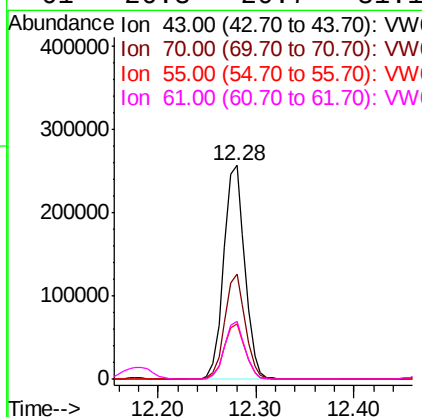
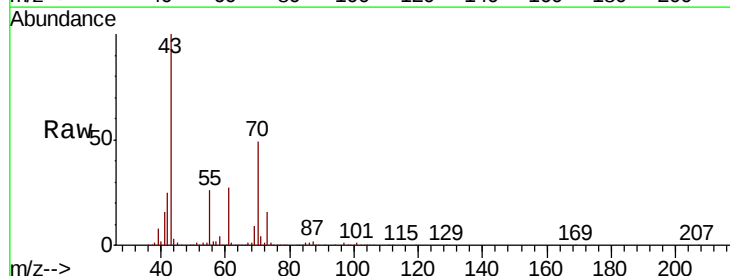
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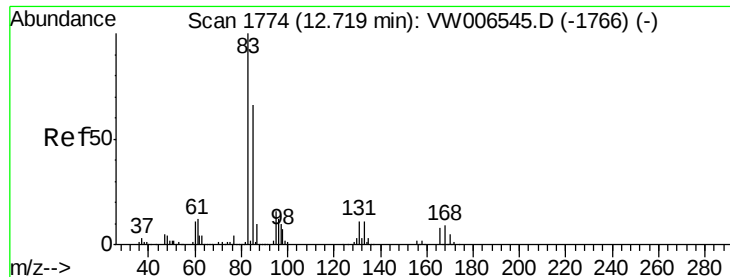
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#74
N-ethyl acetate
Concen: 131.871 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion: 43 Resp: 383785
Ion Ratio Lower Upper
43 100
70 47.7 36.9 55.3
55 25.6 20.7 31.1
61 26.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 141.211 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

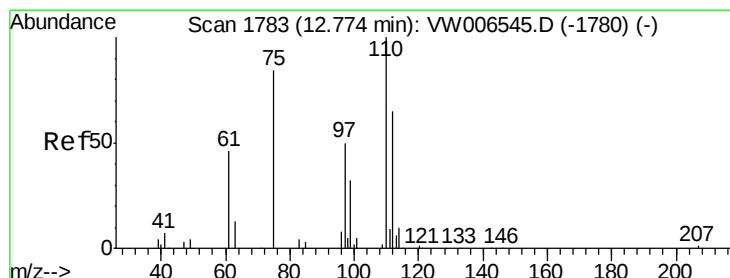
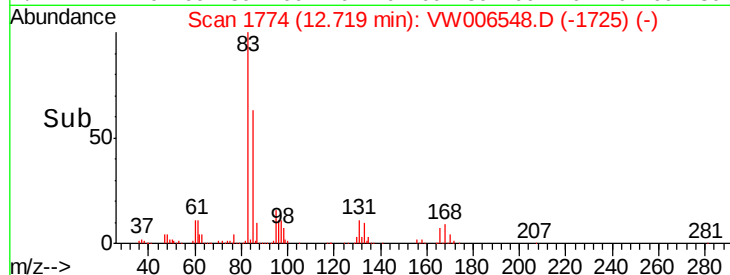
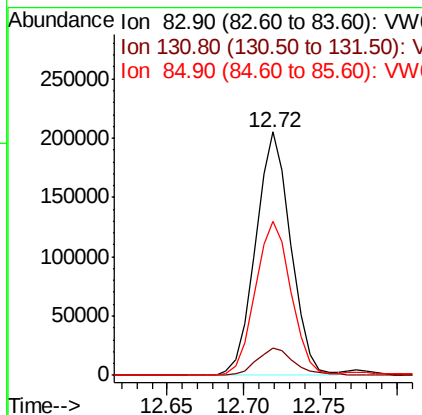
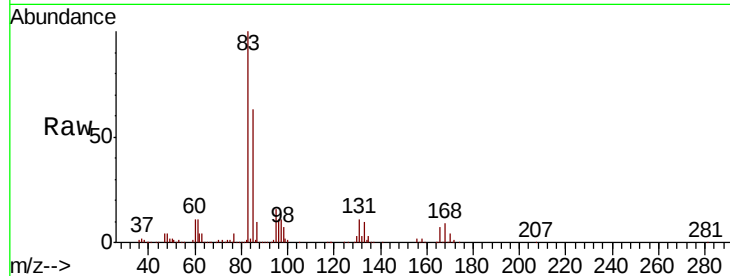
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	327559
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.7
85	64.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 150.534 ug/l m

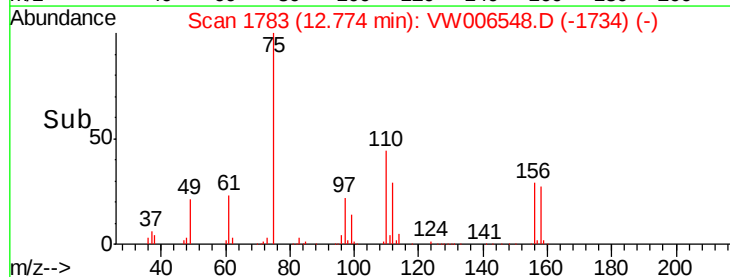
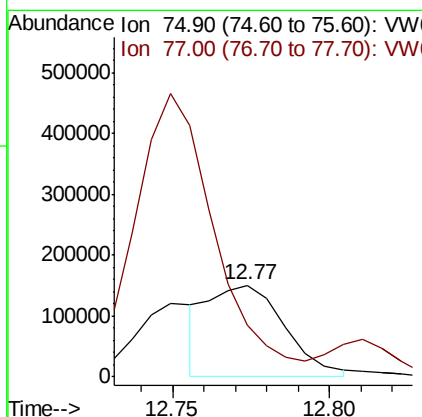
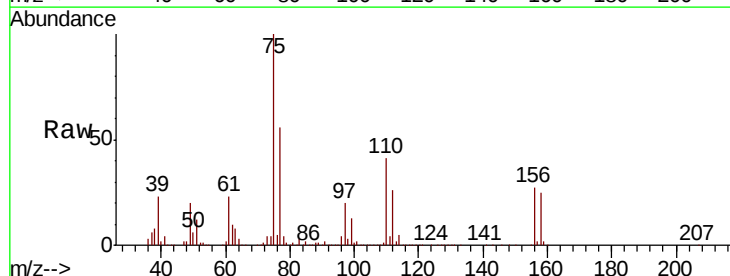
RT: 12.77 min Scan# 1783

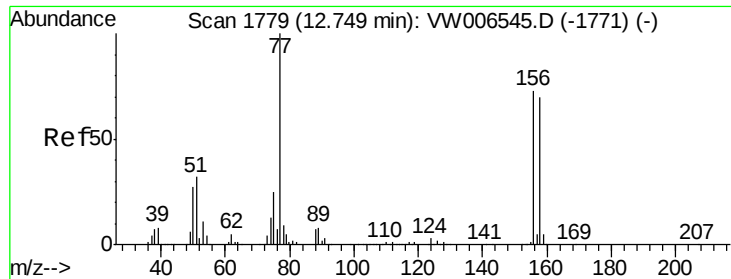
Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Tgt Ion:	75	Resp:	253291
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 143.770 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

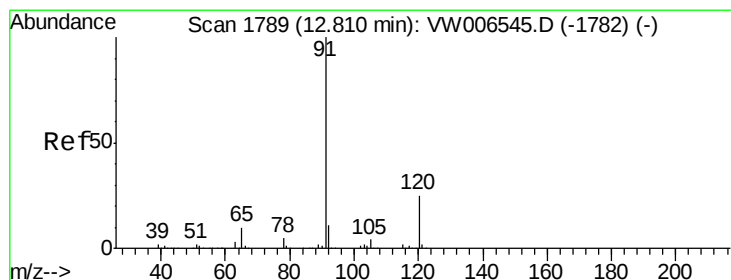
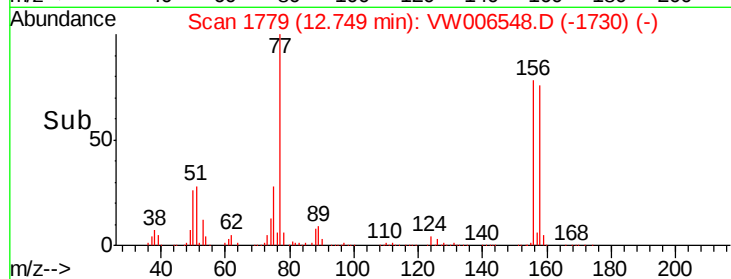
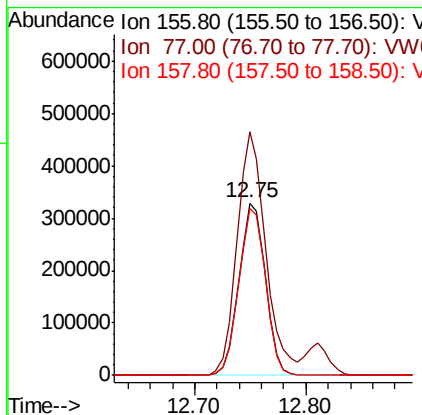
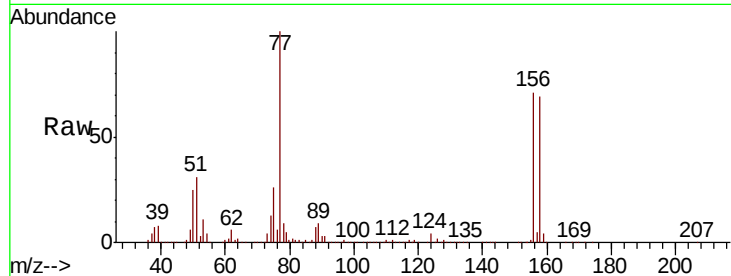
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	540286
Ion Ratio	Lower	Upper	
156	100		
77	153.3	75.9	227.8
158	97.6	48.6	145.9

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#78

n-propylbenzene

Concen: 137.720 ug/l

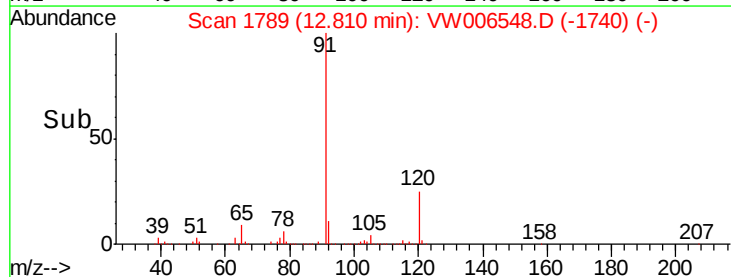
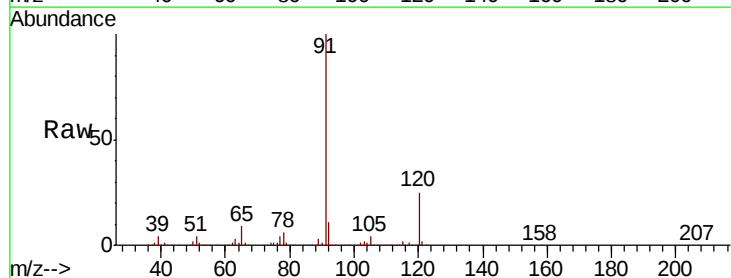
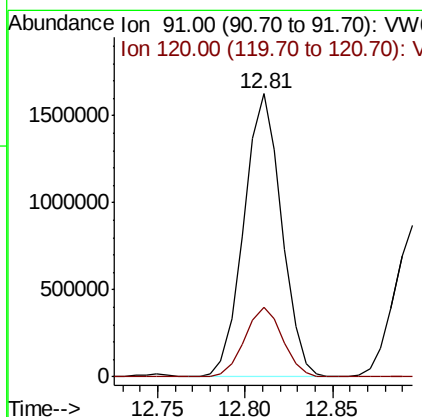
RT: 12.81 min Scan# 1789

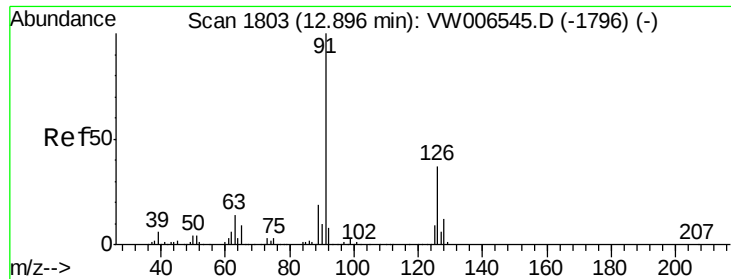
Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Tgt Ion:	91	Resp:	2435698
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.4	37.0





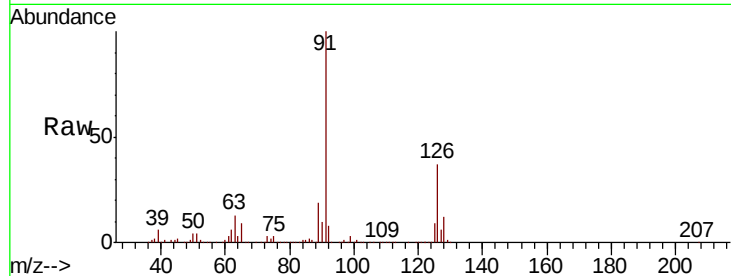
#79
2-Chlorotoluene
Concen: 139.363 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

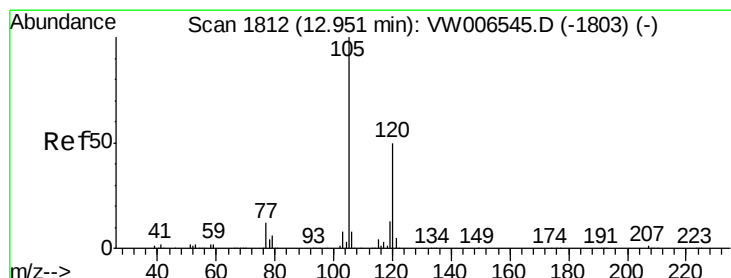
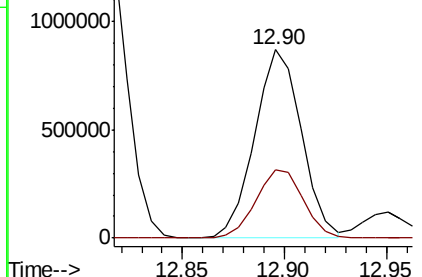
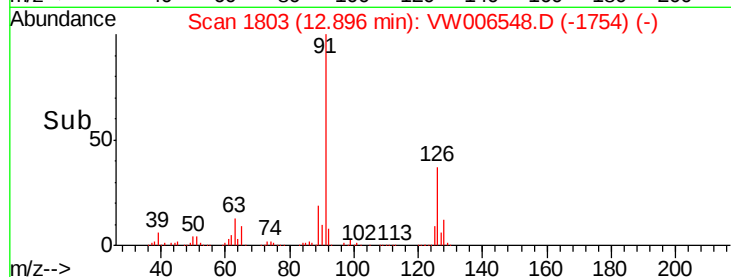
Tot Ion: 91 Resp: 1386062
Ion Ratio Lower Upper
91 100
126 37.2 18.5 55.5

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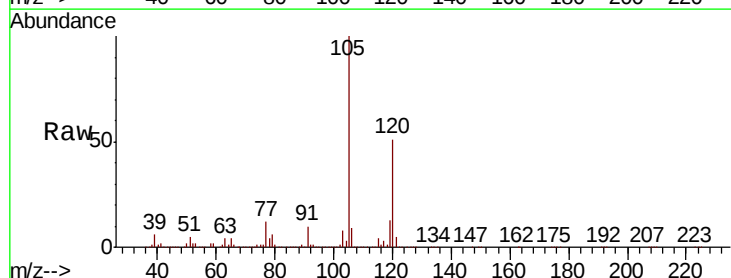


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

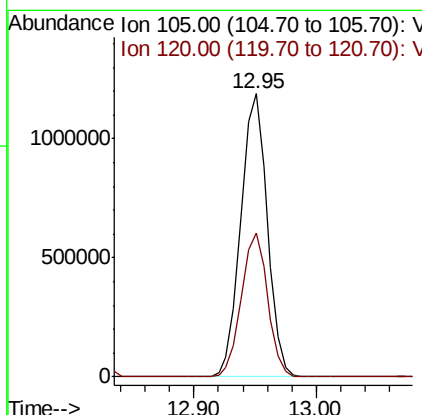
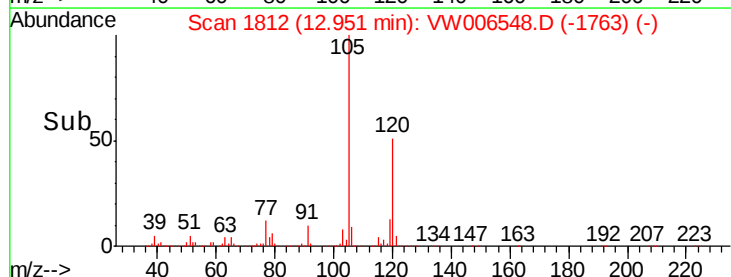


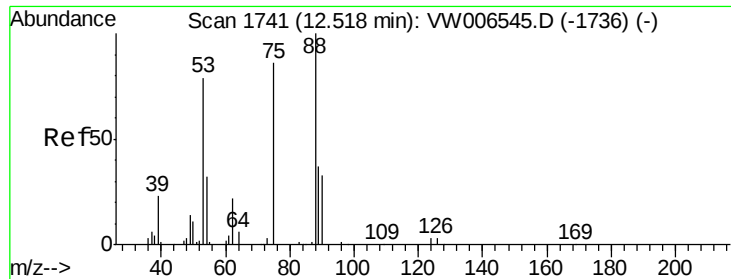
#80
1,3,5-Trimethylbenzene
Concen: 139.204 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion:105 Resp: 1786715
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





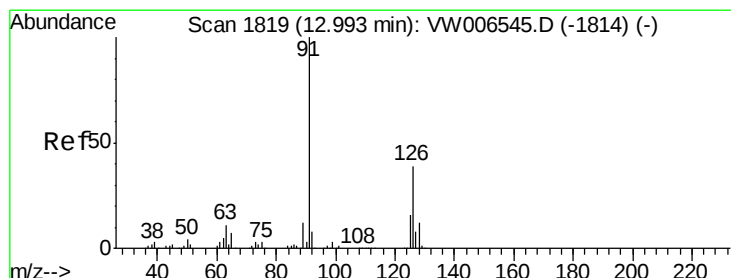
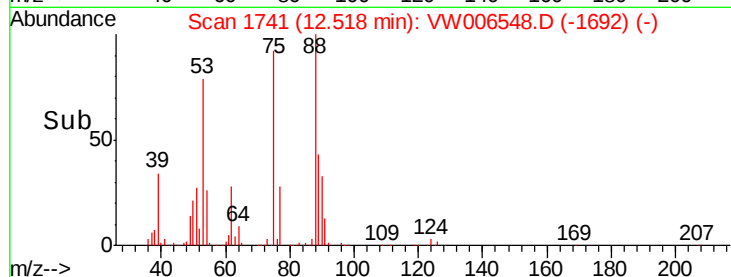
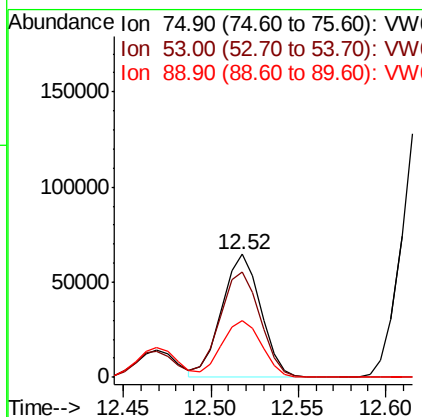
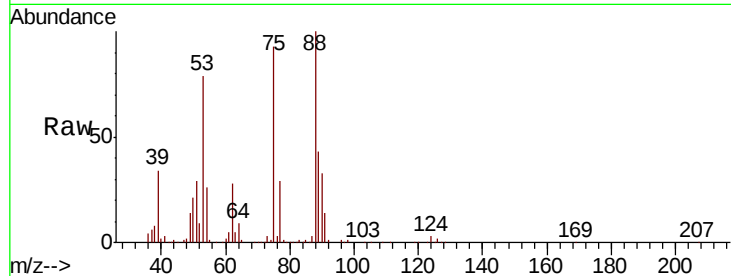
#81
trans-1,4-Dichloro-2-butene
Concen: 145.945 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.5	77.2	115.8
89	47.9	38.6	58.0

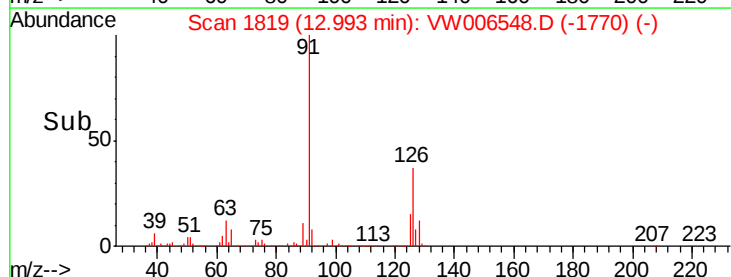
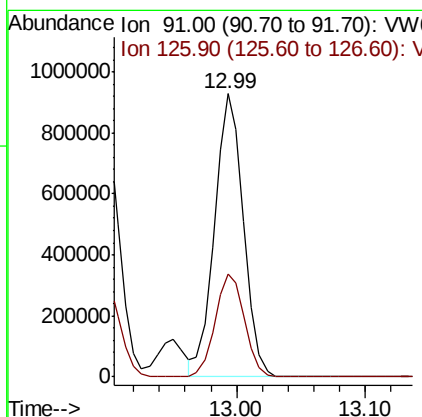
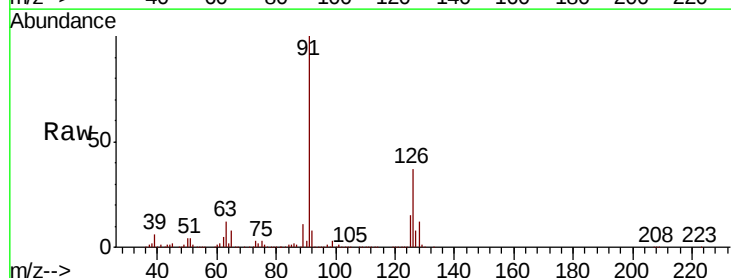
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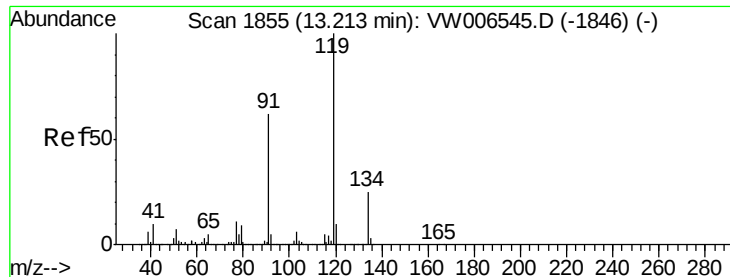
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#82
4-Chlorotoluene
Concen: 139.319 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5





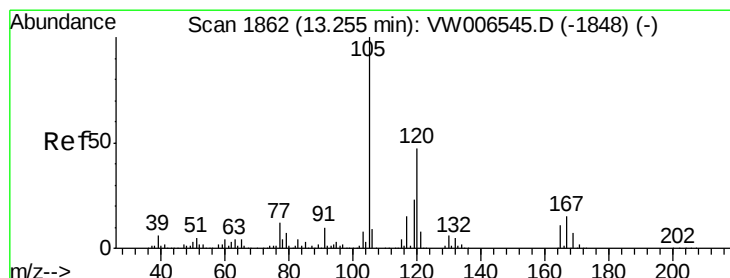
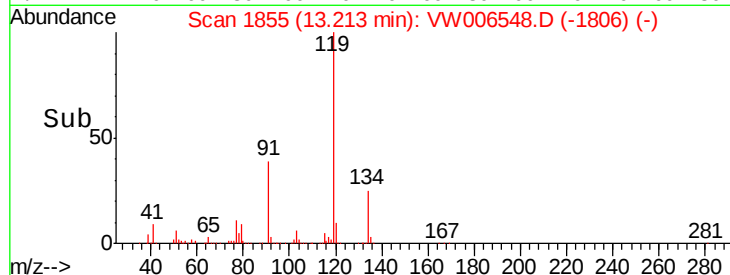
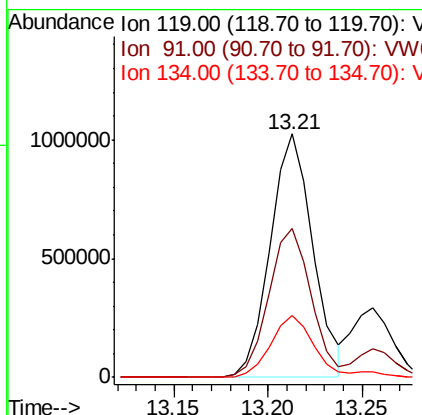
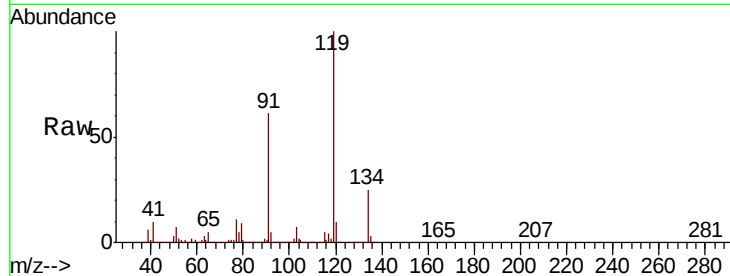
#83
tert-Butylbenzene
Concen: 139.868 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.4	91.3
134	26.9	13.5	40.4

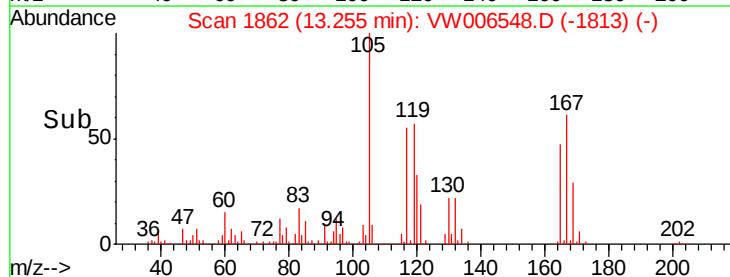
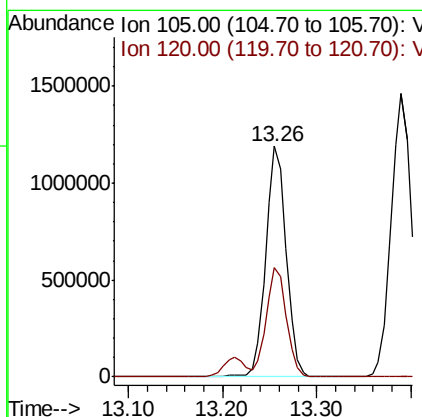
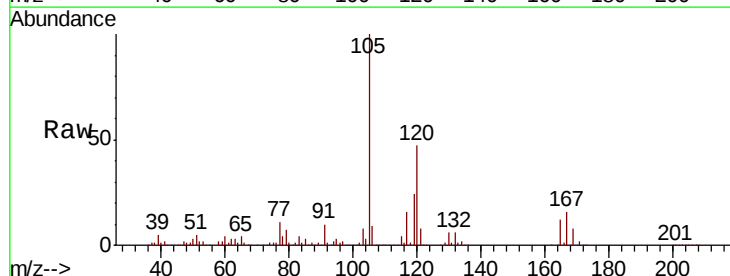
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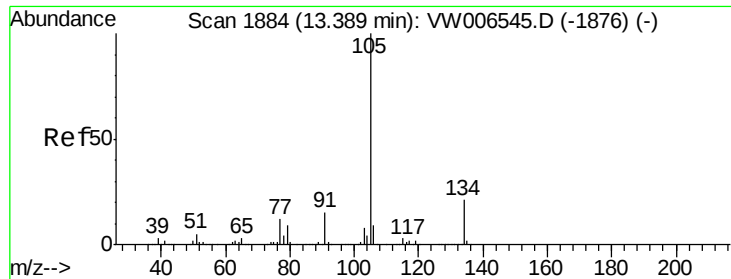
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#84
1,2,4-Trimethylbenzene
Concen: 139.496 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6





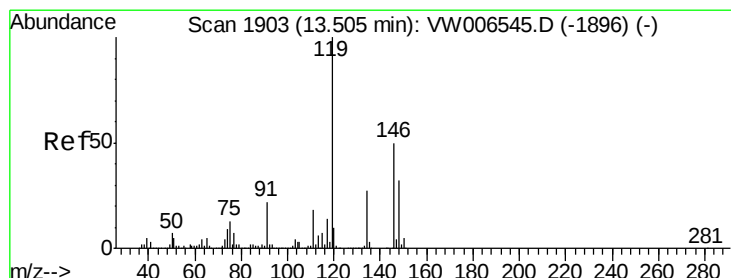
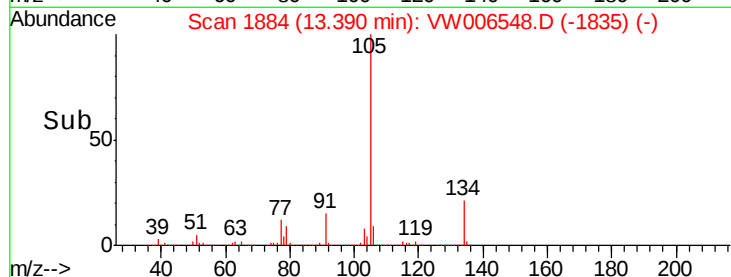
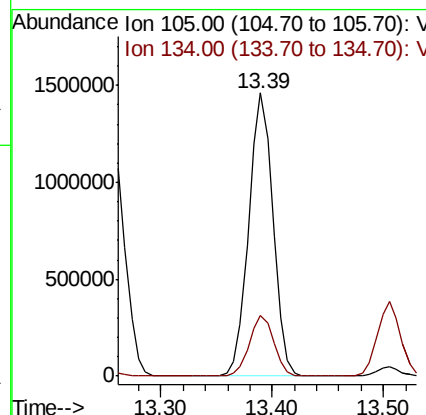
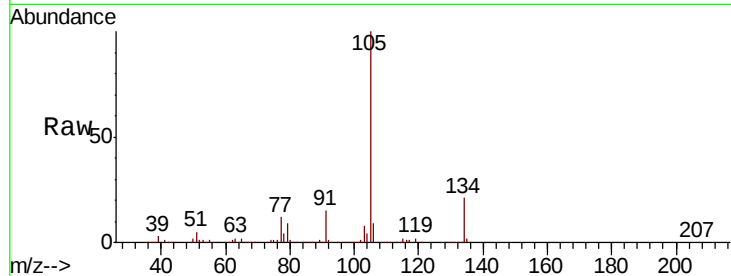
#85
 sec-Butylbenzene
 Concen: 136.768 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2213457
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.6 31.8

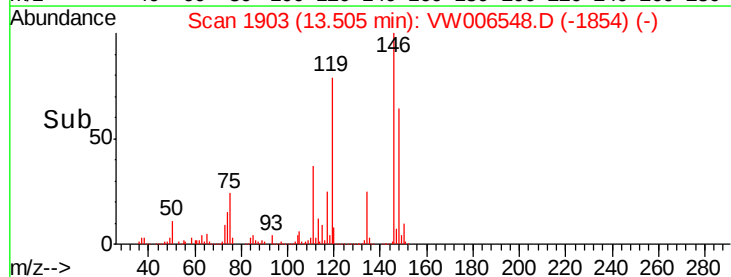
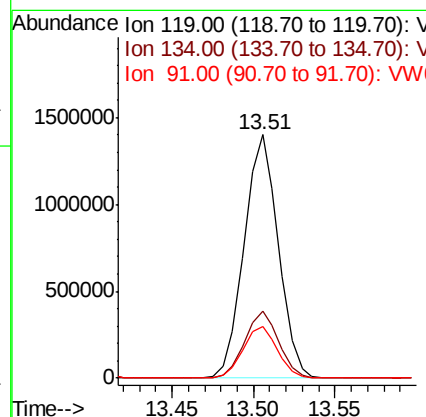
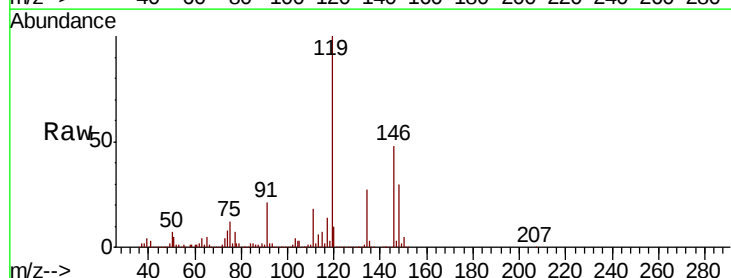
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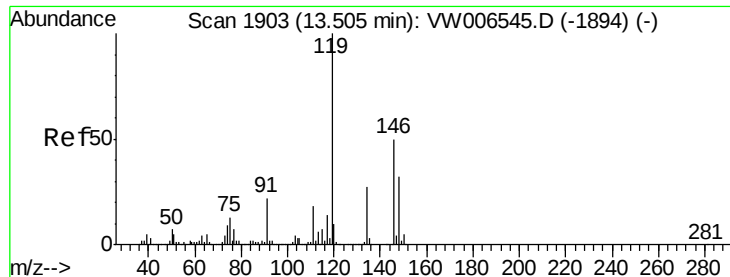
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#86
 p-Isopropyltoluene
 Concen: 139.472 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion:119 Resp: 2043445
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 21.6 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 141.038 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion:146 Resp: 1054655

Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.6

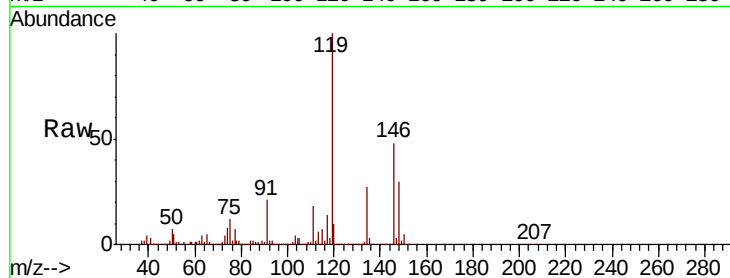
148 64.2 32.1 96.3

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

800000

600000

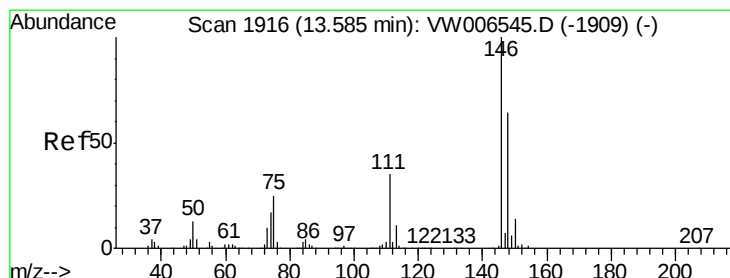
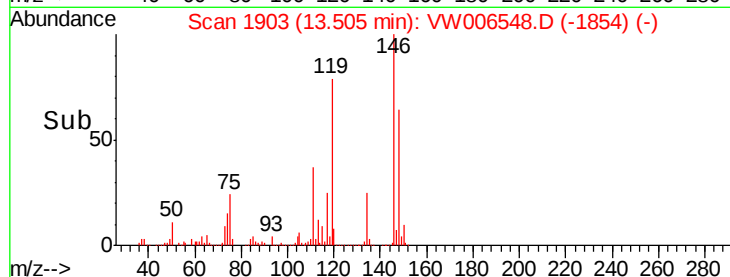
400000

200000

0

13.45 13.50 13.55

Time-->



#88

1,4-Dichlorobenzene

Concen: 138.417 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

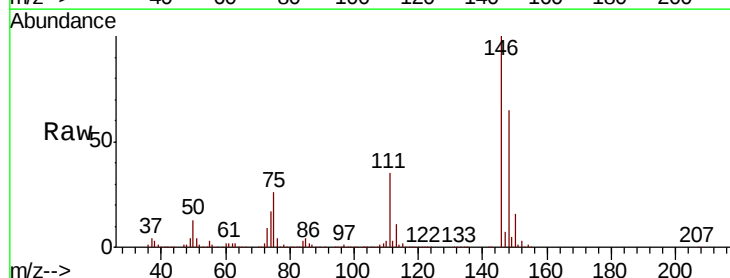
Tgt Ion:146 Resp: 1029869

Ion Ratio Lower Upper

146 100

111 35.8 17.9 53.7

148 64.4 32.1 96.5



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

800000

600000

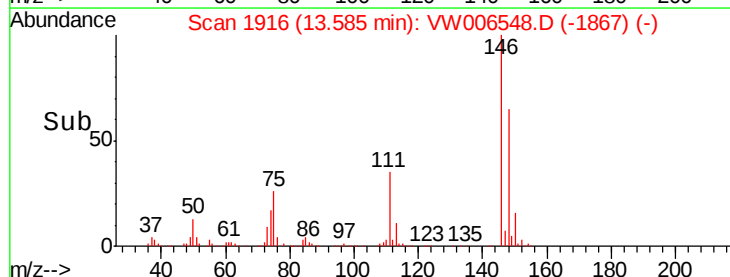
400000

200000

0

13.50 13.60 13.70

Time-->





#89

n-Butylbenzene

Concen: 135.223 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006548.D

Acq: 01 Nov 2018 02:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1806835

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.0

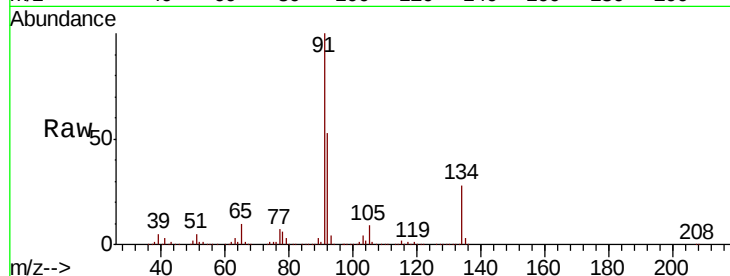
134 28.9 14.3 42.9

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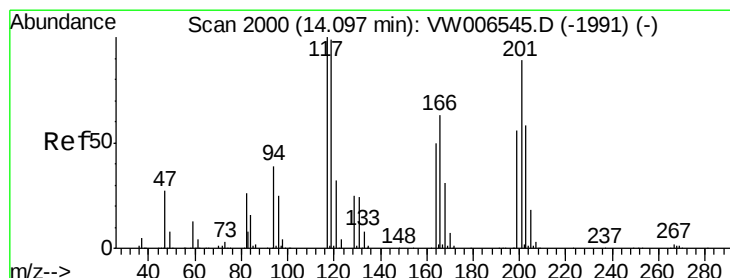
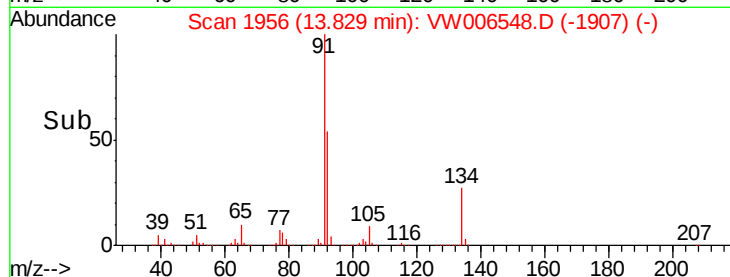
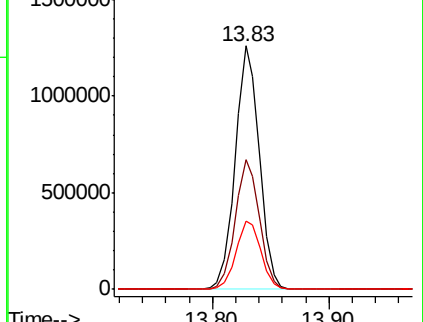
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 143.692 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006548.D

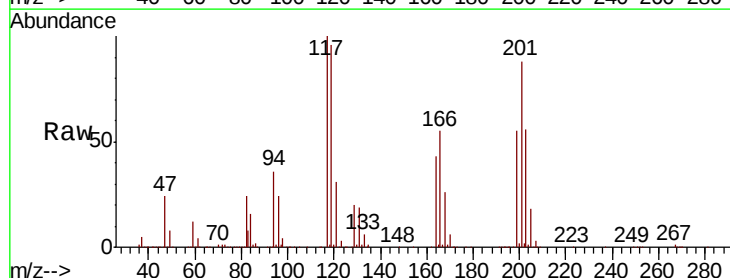
Acq: 01 Nov 2018 02:04

Tgt Ion: 117 Resp: 354829

Ion Ratio Lower Upper

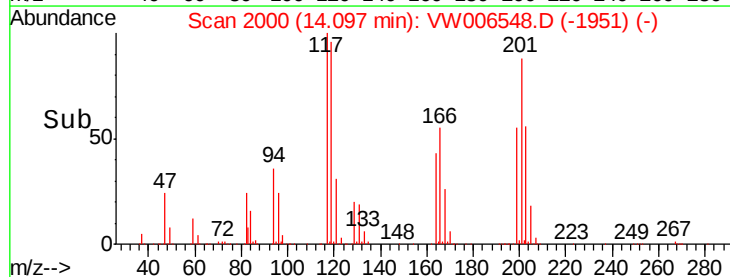
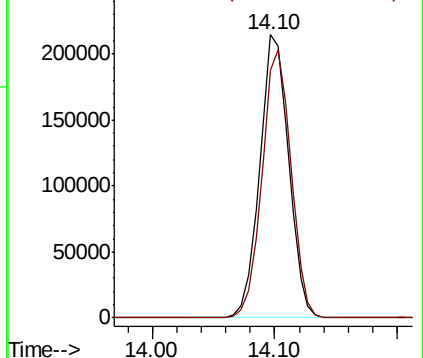
117 100

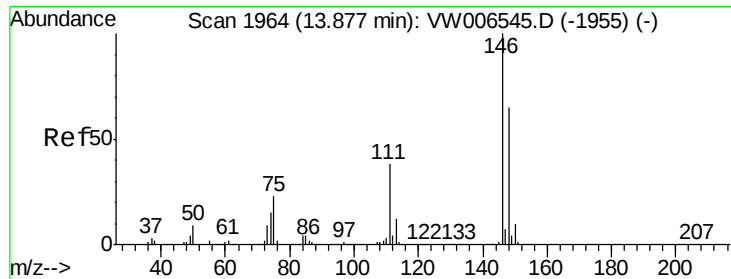
201 94.4 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





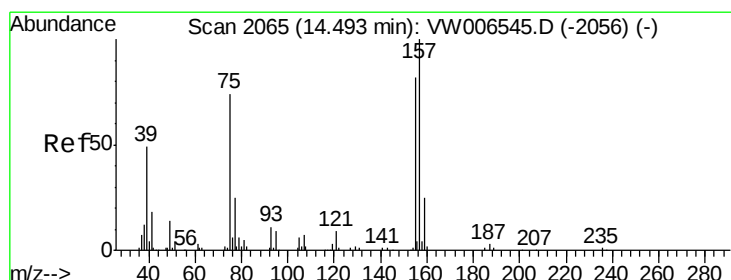
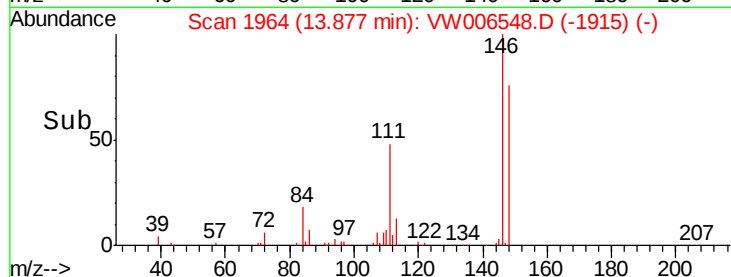
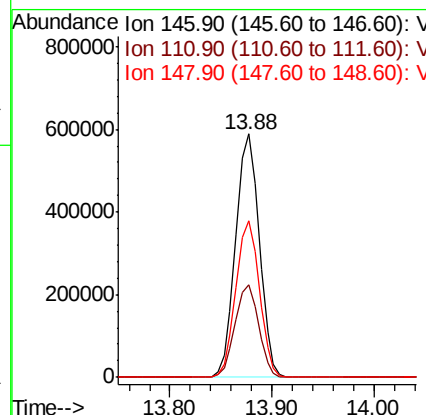
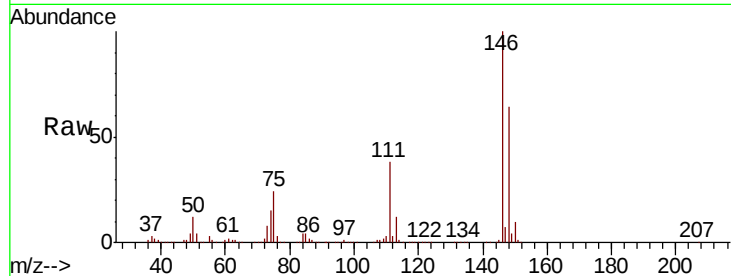
#91
 1,2-Dichlorobenzene
 Concen: 141.026 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.2	32.0	96.0

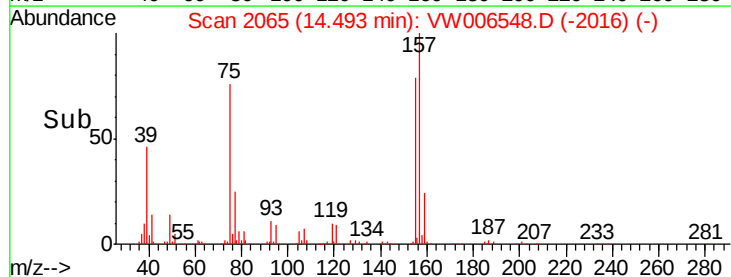
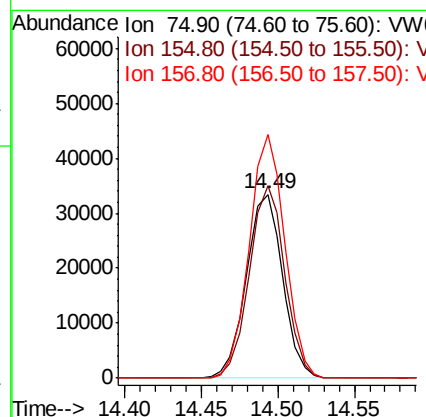
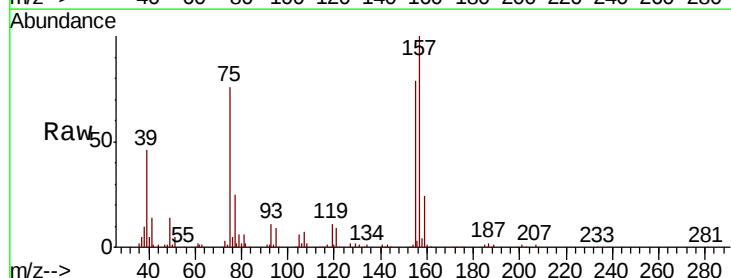
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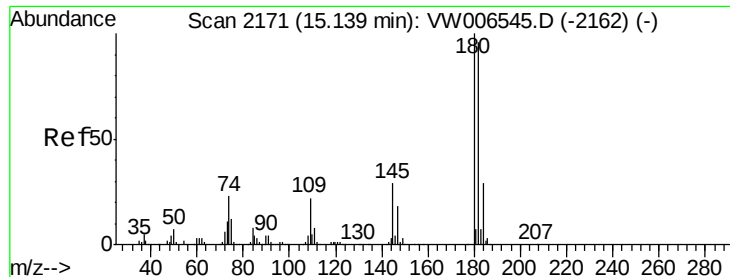
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 134.900 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.2	50.6	151.8
157	129.8	65.0	195.0





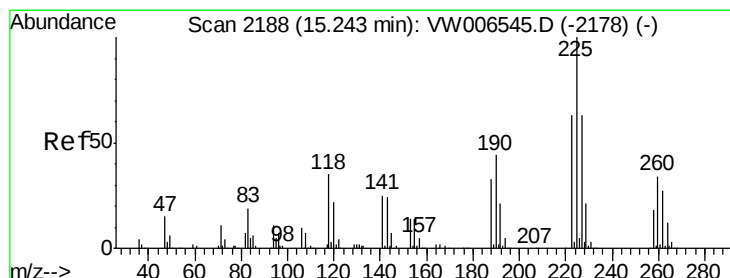
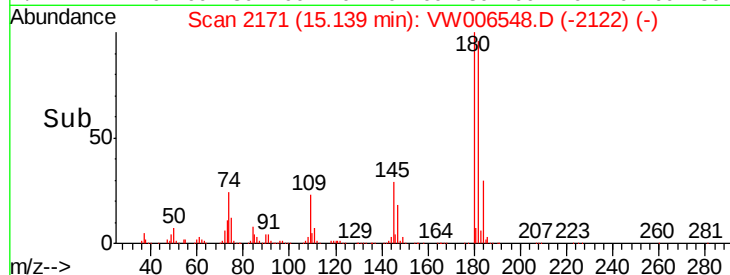
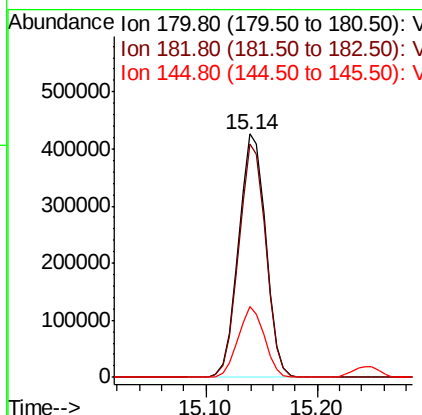
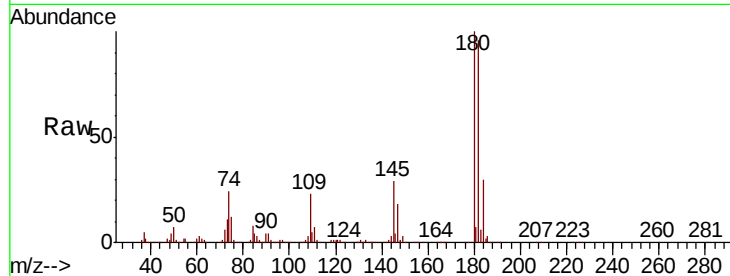
#93
 1,2,4-Trichlorobenzene
 Concen: 140.034 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	719436		
182	95.5	47.5	142.6	
145	28.1	14.0	42.0	

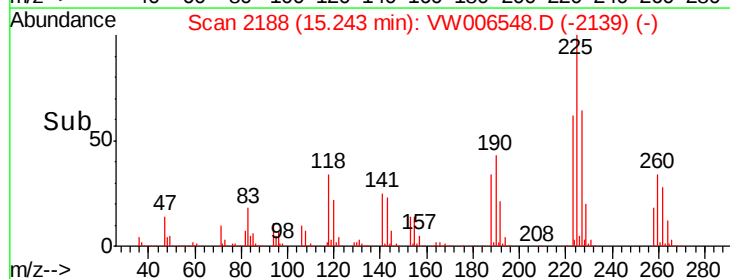
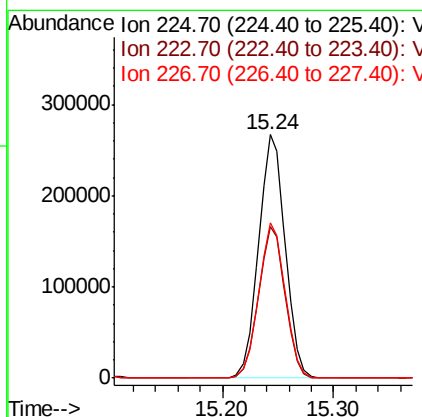
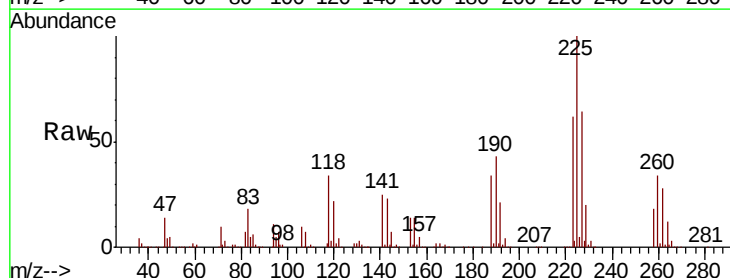
Manual Integrations
 APPROVED

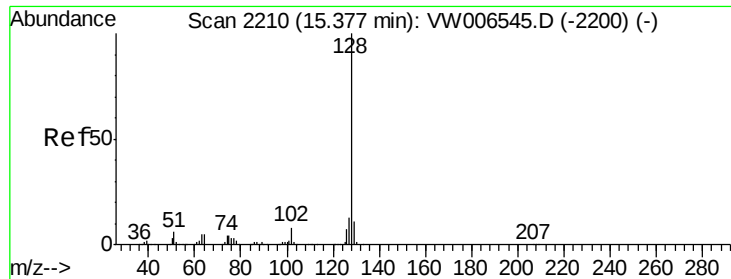
apatel
 11/2/2018 3:20:16 PM



#94
 Hexachlorobutadiene
 Concen: 138.169 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006548.D
 Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	443068		
223	62.3	31.4	94.2	
227	63.4	32.2	96.6	





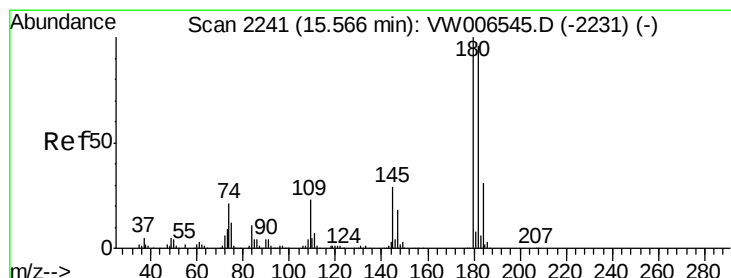
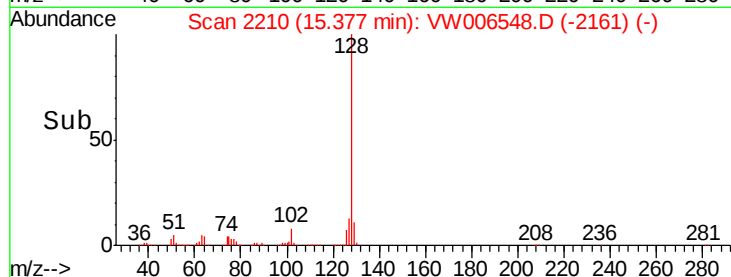
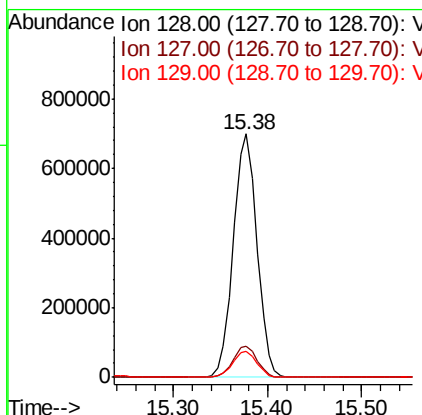
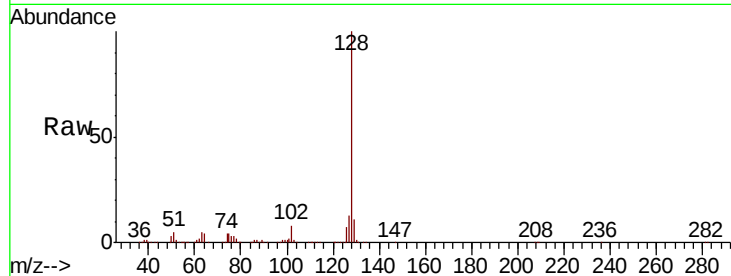
#95
Naphthalene
Concen: 142.799 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 141.134 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006548.D
Acq: 01 Nov 2018 02:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.2	144.6
145	30.0	14.9	44.5

