

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006808.D
 Acq On : 12 Nov 2018 14:32
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
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 11/13/2018 11:53:47 AM

Quant Time: Nov 12 14:56:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	338014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	456603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	439445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	241604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	355866	143.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.30%	
35) Dibromofluoromethane	7.88	113	397585	152.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.96%	
50) Toluene-d8	10.33	98	1577980	144.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.54%	
62) 4-Bromofluorobenzene	12.62	95	595040	149.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	400808	145.842	ug/l	99
3) Chloromethane	2.21	50	462723	140.249	ug/l	99
4) Vinyl Chloride	2.36	62	492596	142.017	ug/l	100
5) Bromomethane	2.77	94	279208	119.409	ug/l	99
6) Chloroethane	2.91	64	309939	136.540	ug/l	100
7) Trichlorofluoromethane	3.26	101	693450	159.116	ug/l	98
8) Diethyl Ether	3.69	74	210220	165.809	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	441541	152.477	ug/l	99
10) Methyl Iodide	4.27	142	668089	166.065	ug/l	100
11) Tert butyl alcohol	5.22	59	138542	849.708	ug/l	99
12) 1,1-Dichloroethene	4.04	96	408994	169.380	ug/l	98
13) Acrolein	3.90	56	129162	760.626	ug/l	99
14) Allyl chloride	4.67	41	550265	169.050	ug/l	99
15) Acrylonitrile	5.38	53	416303	820.329	ug/l	99
16) Acetone	4.14	43	287100	800.635	ug/l	97
17) Carbon Disulfide	4.38	76	1313447	164.898	ug/l	99
18) Methyl Acetate	4.68	43	196657	156.280	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	980755	165.830	ug/l	99
20) Methylene Chloride	4.92	84	454553	131.121	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	473404	163.907	ug/l	98
22) Diisopropyl ether	6.32	45	1145017	166.918	ug/l	99
23) Vinyl Acetate	6.26	43	3273430	836.693	ug/l	98
24) 1,1-Dichloroethane	6.22	63	743508	165.686	ug/l	99
25) 2-Butanone	7.18	43	475971	803.909	ug/l	100
26) 2,2-Dichloropropane	7.17	77	669606	156.616	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	522316	168.774	ug/l	99
28) Bromochloromethane	7.52	49	249206	148.268	ug/l	100
29) Tetrahydrofuran	7.54	42	322355	830.686	ug/l	98
30) Chloroform	7.68	83	806468	162.193	ug/l	100
31) Cyclohexane	7.96	56	653048	141.304	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	721054	152.798	ug/l	99
36) 1,1-Dichloropropene	8.09	75	614467	148.304	ug/l	100
37) Ethyl Acetate	7.26	43	218217	148.305	ug/l	99
38) Carbon Tetrachloride	8.07	117	662224	149.593	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	858001	162.645	ug/l	97
40) Benzene	8.33	78	1788934	152.904	ug/l	100
41) Methacrylonitrile	7.49	41	131906	154.521	ug/l	95
42) 1,2-Dichloroethane	8.40	62	480829	150.982	ug/l	99
43) Isopropyl Acetate	8.43	43	456817	165.610	ug/l	99
44) Trichloroethene	9.10	130	549924	152.873	ug/l	99
45) 1,2-Dichloropropane	9.37	63	410593	149.426	ug/l	97
46) Dibromomethane	9.46	93	239894	155.501	ug/l	100
47) Bromodichloromethane	9.65	83	576711	154.057	ug/l	100
48) Methyl methacrylate	9.44	41	215962	166.239	ug/l	98
49) 1,4-Dioxane	9.48	88	69404	3005.016	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1116251	787.660	ug/l	99
52) Toluene	10.39	92	1291638	157.026	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	614180	169.199	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	702822	163.305	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	356507	156.866	ug/l	99
56) Ethyl methacrylate	10.65	69	433187	172.609	ug/l	98
57) 1,3-Dichloropropane	10.93	76	563369	155.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1013284	810.740	ug/l	100
59) 2-Hexanone	10.98	43	765645	797.191	ug/l	98
60) Dibromochloromethane	11.13	129	456020	166.929	ug/l	99
61) 1,2-Dibromoethane	11.24	107	346454	158.448	ug/l	99
64) Tetrachloroethene	10.87	164	523970	156.141	ug/l	99
65) Chlorobenzene	11.66	112	1481087	158.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	511421	170.674	ug/l	100
67) Ethyl Benzene	11.73	91	2576349	163.726	ug/l	98
68) m/p-Xylenes	11.84	106	2113983	329.360	ug/l	99
69) o-Xylene	12.17	106	997008	168.726	ug/l	99
70) Styrene	12.18	104	1632086	169.928	ug/l	99
71) Bromoform	12.35	173	299235	180.278	ug/l #	100
73) Isopropylbenzene	12.47	105	2707461	174.171	ug/l	100
74) N-amyl acetate	12.28	43	439193	173.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	378131	163.276	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	275648m	156.449	ug/l	
77) Bromobenzene	12.75	156	664292	165.270	ug/l	99
78) n-propylbenzene	12.81	91	3129785	169.448	ug/l	100
79) 2-Chlorotoluene	12.90	91	1745451	167.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2267019	168.317	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	127693	192.696	ug/l	95
82) 4-Chlorotoluene	12.99	91	1835643	165.066	ug/l	99
83) tert-Butylbenzene	13.21	119	2033634	174.740	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	2289773	165.932	ug/l	100
85) sec-Butylbenzene	13.39	105	2813759	168.927	ug/l	99
86) p-Isopropyltoluene	13.51	119	2576491	169.582	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1301242	159.350	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1271084	156.285	ug/l	100
89) n-Butylbenzene	13.83	91	2324343	165.756	ug/l	99
90) Hexachloroethane	14.10	117	430882	180.773	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1117167	156.385	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	61263	163.823	ug/l	98

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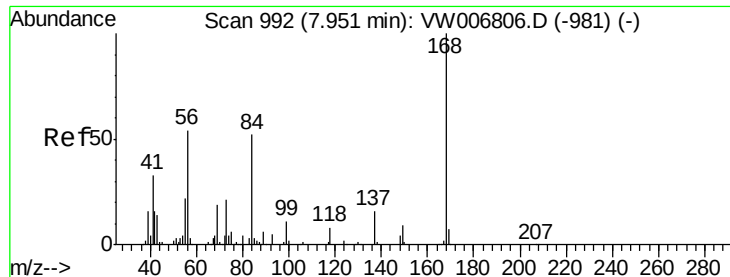
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	867961	164.128	ug/l	99
94) Hexachlorobutadiene	15.24	225	524621	157.632	ug/l	99
95) Naphthalene	15.38	128	1448437	179.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	752242	164.440	ug/l	100

(#) = 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: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

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ClientSampleId :

VSTDIC150

Tgt Ion: 168 Resp: 338014

Ion Ratio Lower Upper

168 100

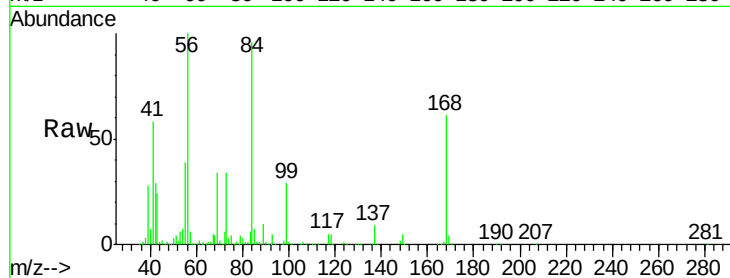
99 48.2 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

200000

150000

100000

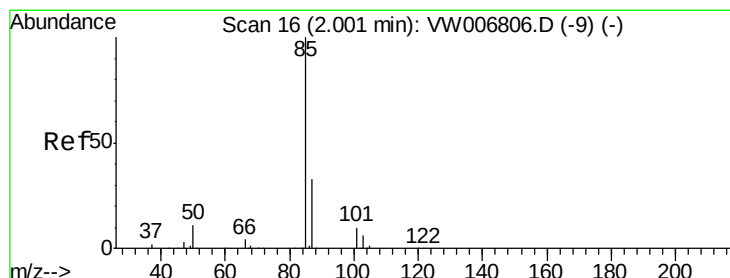
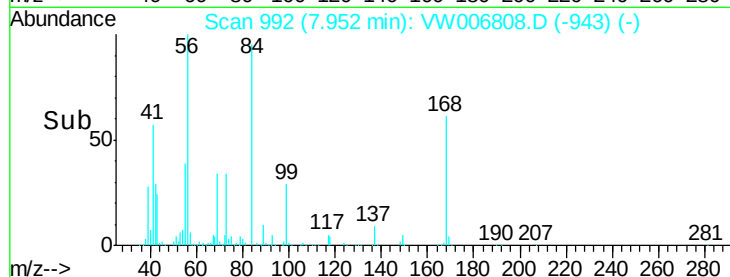
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 145.842 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006808.D

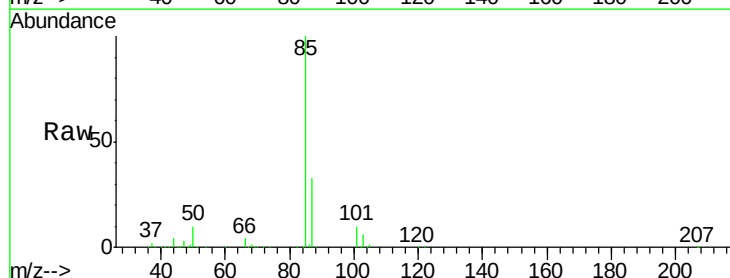
Acq: 12 Nov 2018 14:32

Tgt Ion: 85 Resp: 400808

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

300000

250000

200000

150000

100000

50000

0

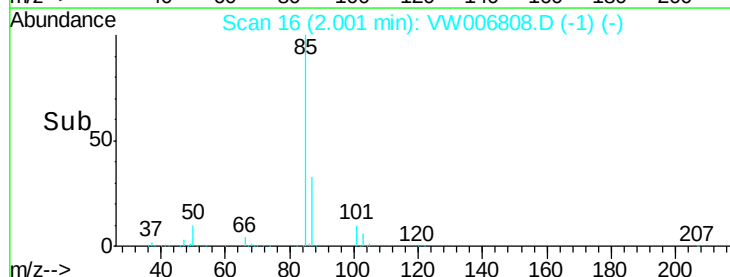
1.90

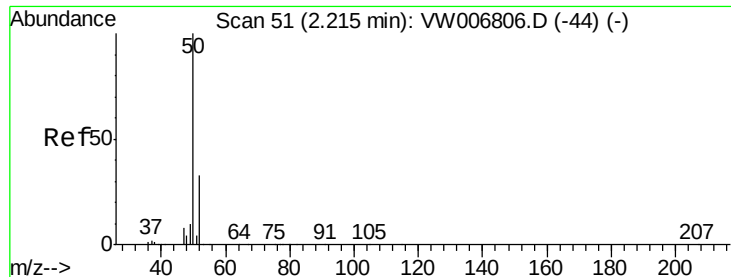
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 140.249 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 50 Resp: 462723

Ion Ratio Lower Upper

50 100

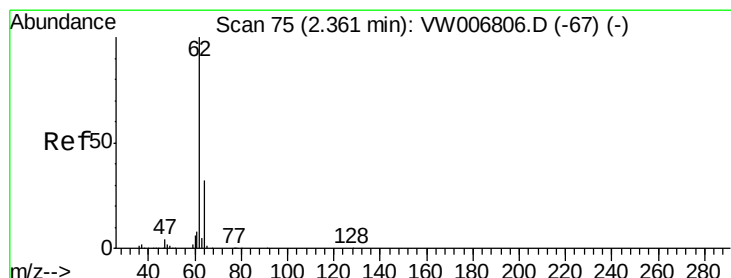
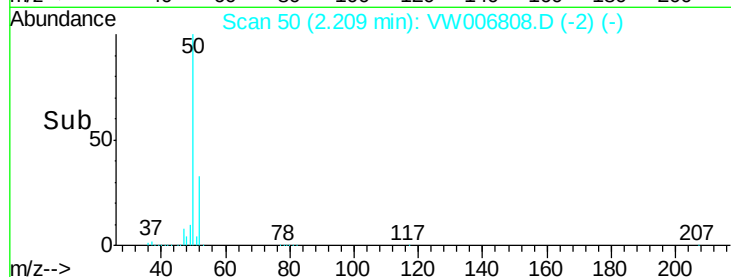
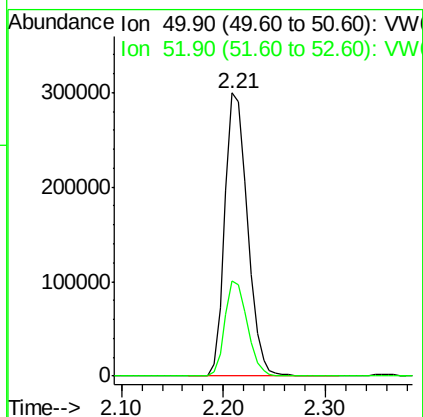
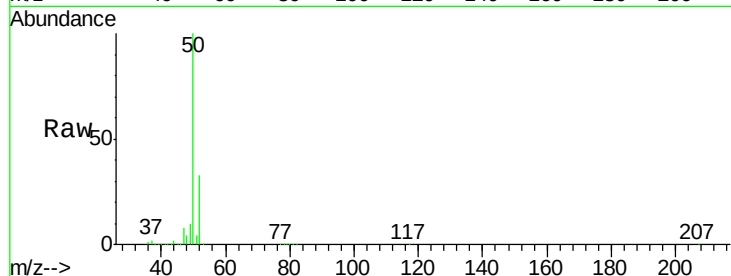
52 33.5 26.2 39.4

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#4

Vinyl Chloride

Concen: 142.017 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006808.D

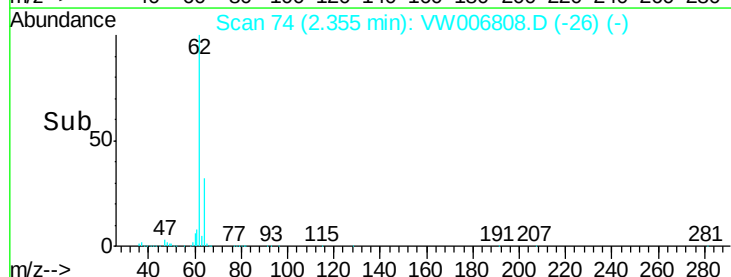
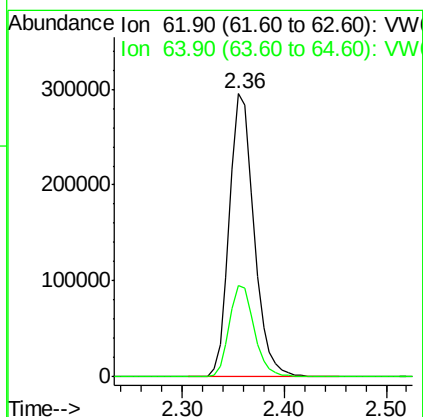
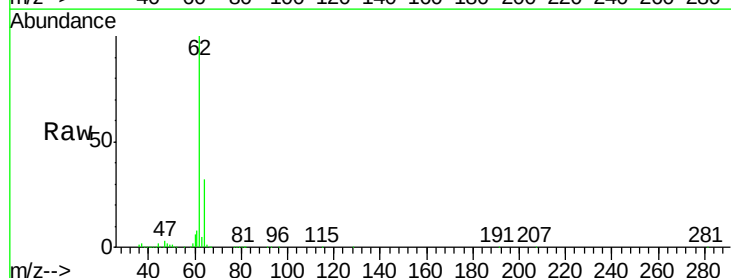
Acq: 12 Nov 2018 14:32

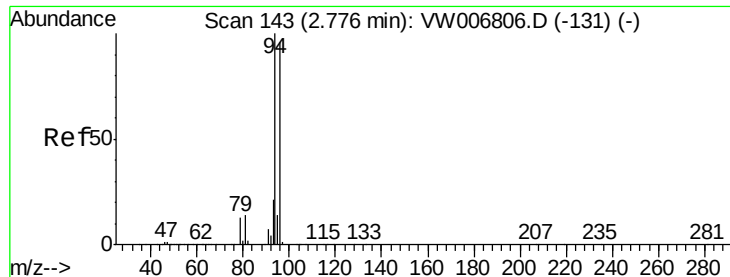
Tgt Ion: 62 Resp: 492596

Ion Ratio Lower Upper

62 100

64 32.3 25.6 38.4





#5

Bromomethane

Concen: 119.409 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 279208

Ion Ratio Lower Upper

94 100

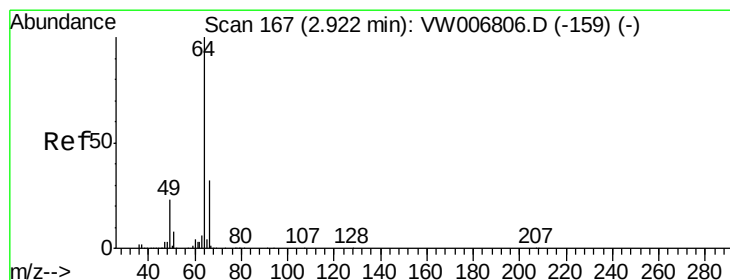
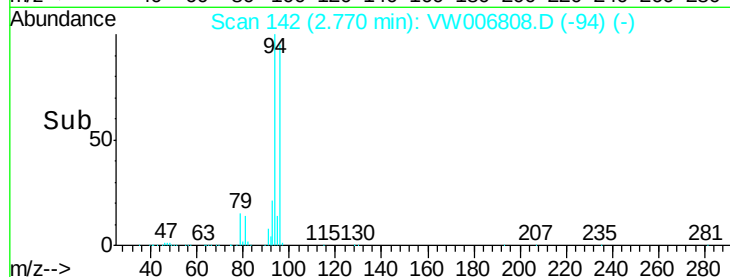
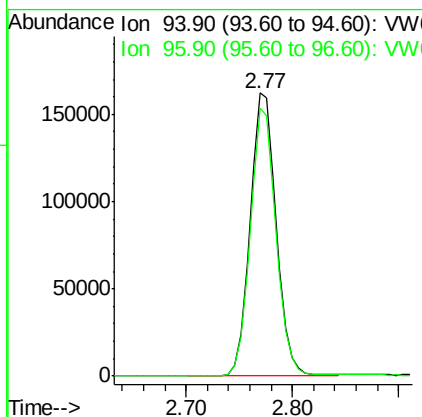
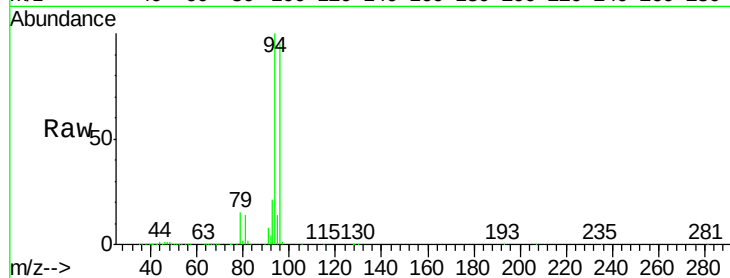
96 94.8 76.8 115.2

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#6

Chloroethane

Concen: 136.540 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW006808.D

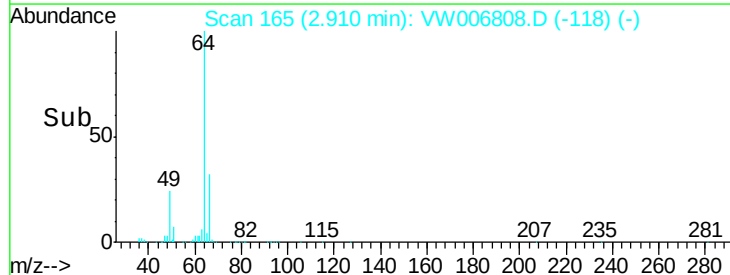
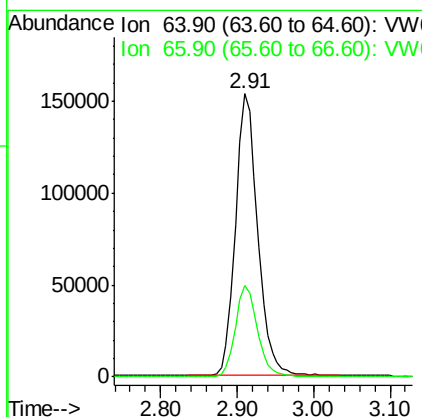
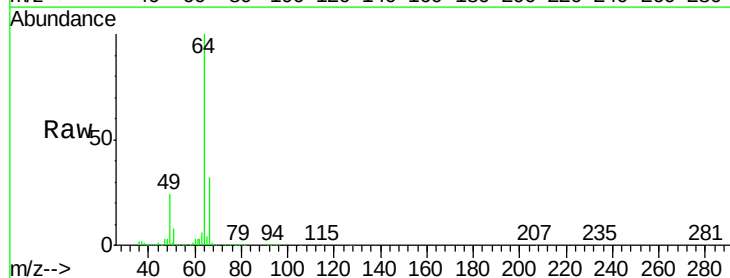
Acq: 12 Nov 2018 14:32

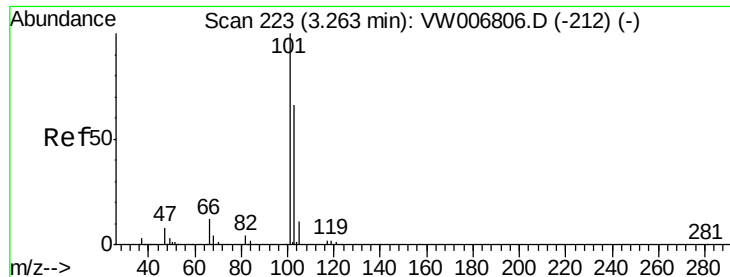
Tgt Ion: 64 Resp: 309939

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

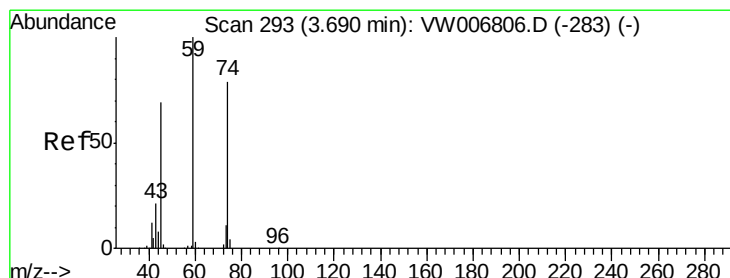
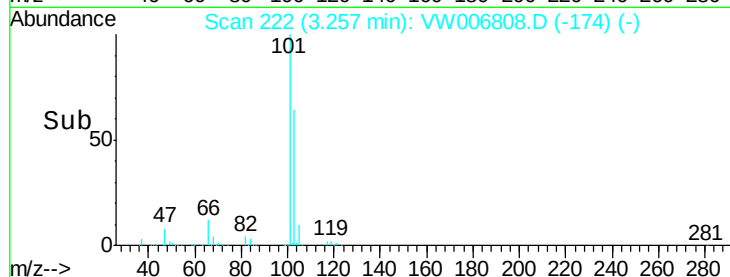
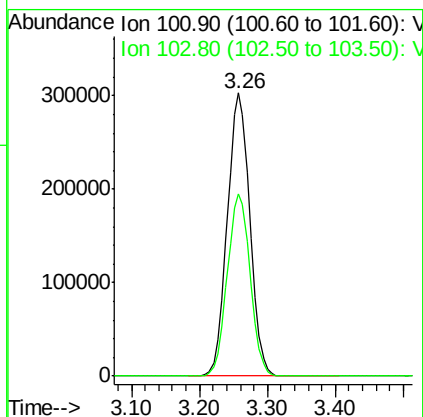
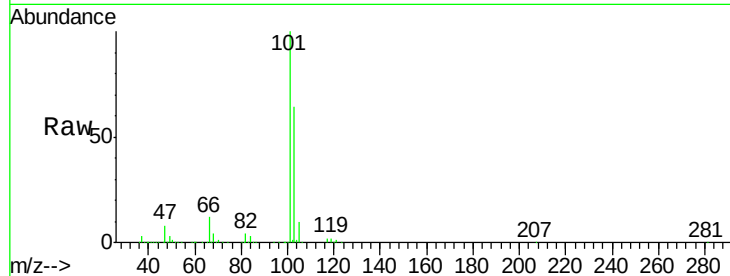
Trichlorofluoromethane
Concen: 159.116 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	693450		
103	64.4	52.6	79.0	

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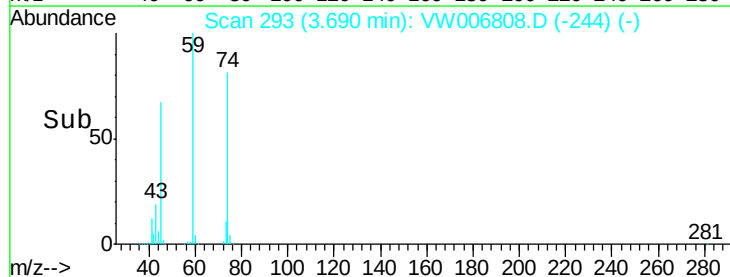
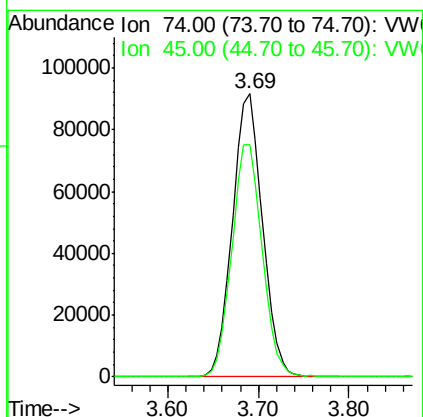
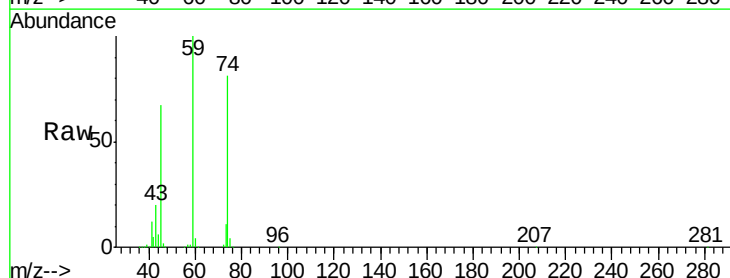
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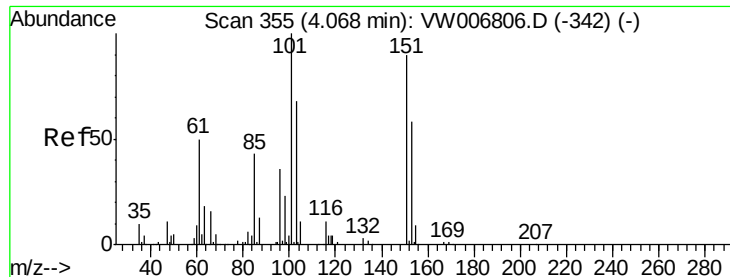


#8

Diethyl Ether
Concen: 165.809 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	210220		
45	83.4	43.1	129.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 152.477 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

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MSVOA_W

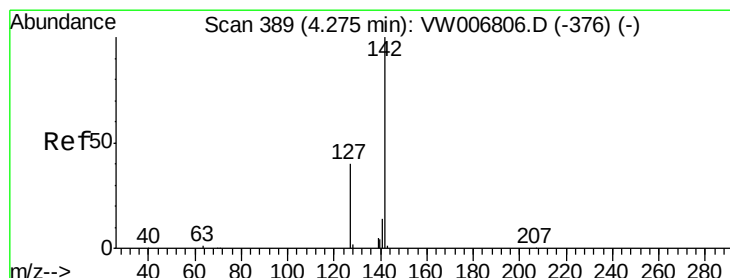
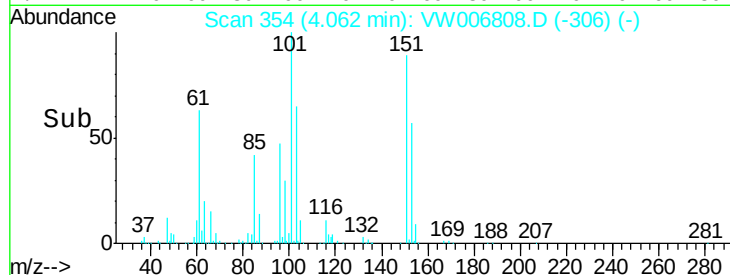
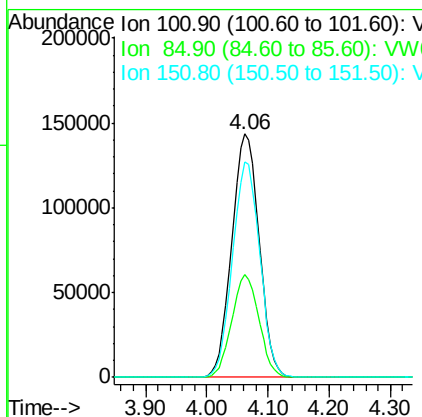
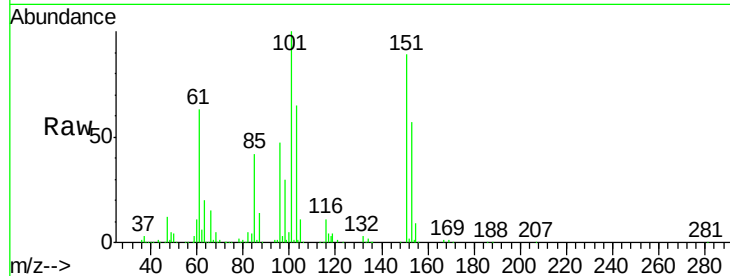
ClientSampleId :

VSTDIC150

Tgt Ion:	101	Resp:	441541
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.8	50.8
151	88.4	71.4	107.0

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#10

Methyl Iodide

Concen: 166.065 ug/l

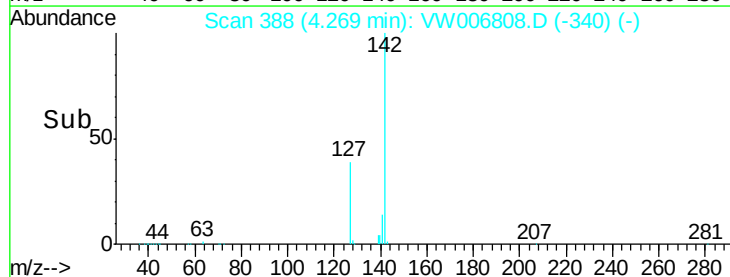
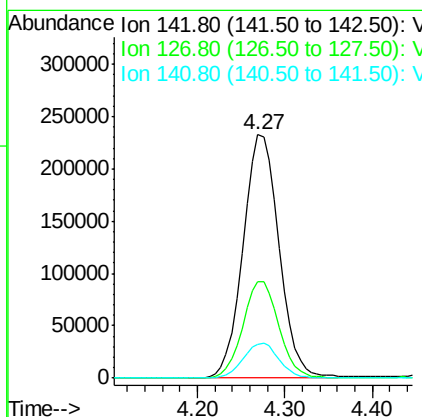
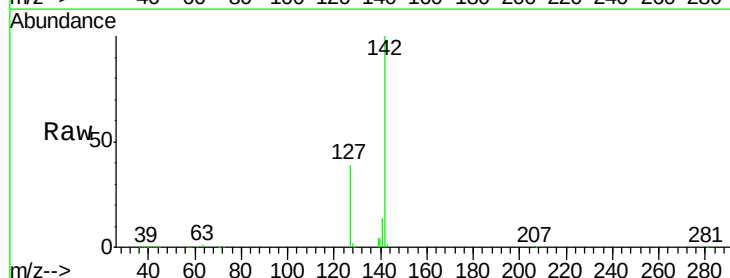
RT: 4.27 min Scan# 388

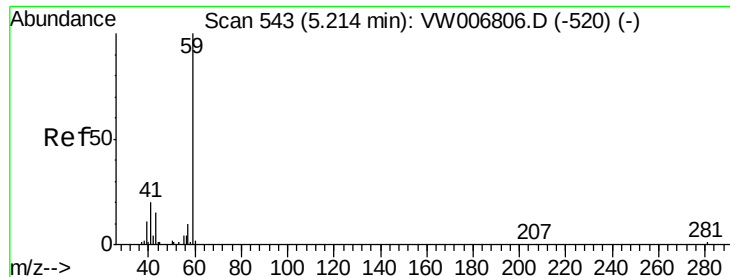
Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Tgt Ion:	142	Resp:	668089
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.8	47.8
141	14.2	11.5	17.3





#11

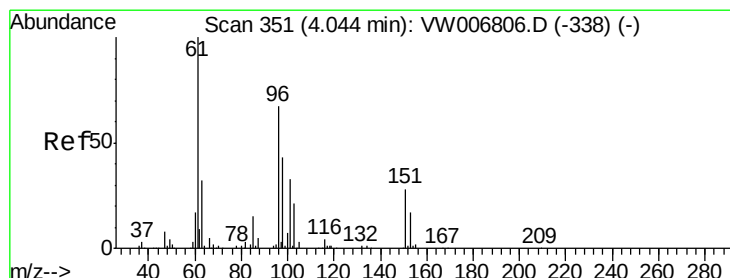
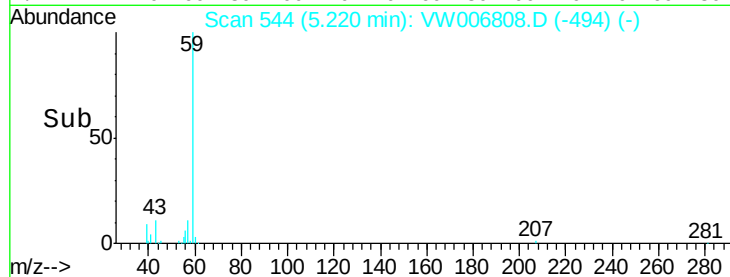
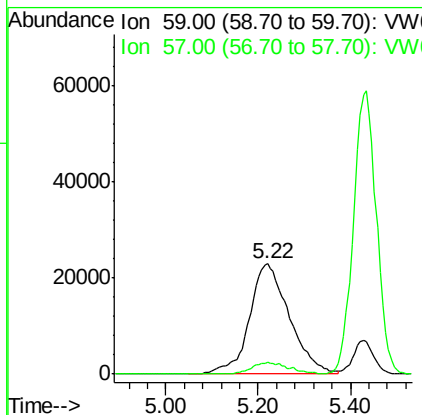
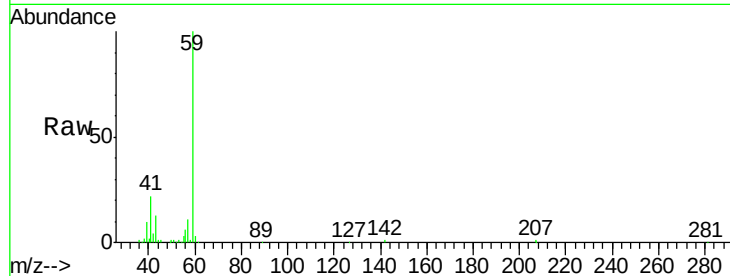
Tert butyl alcohol
Concen: 849.708 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 138542
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
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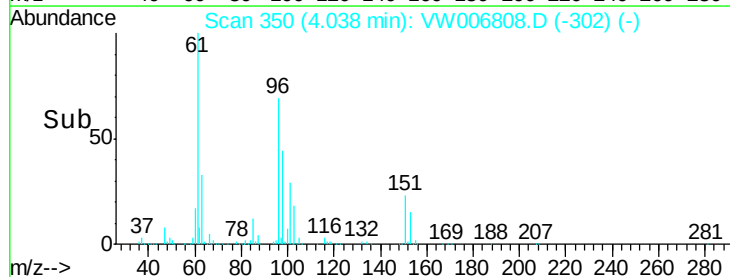
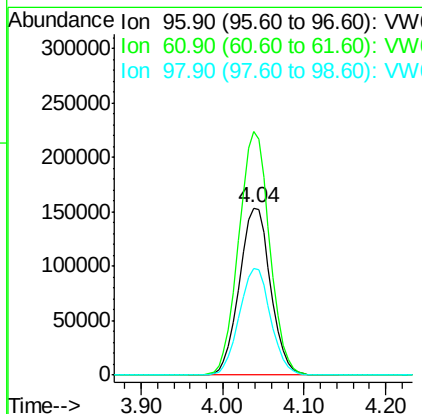
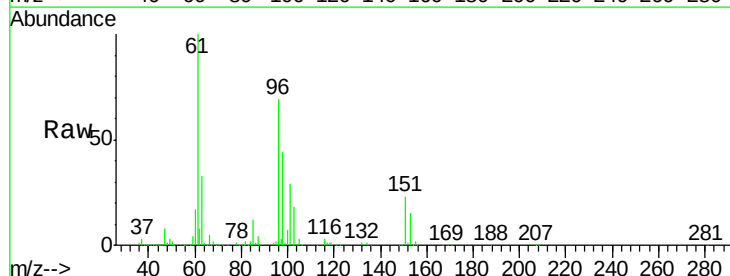
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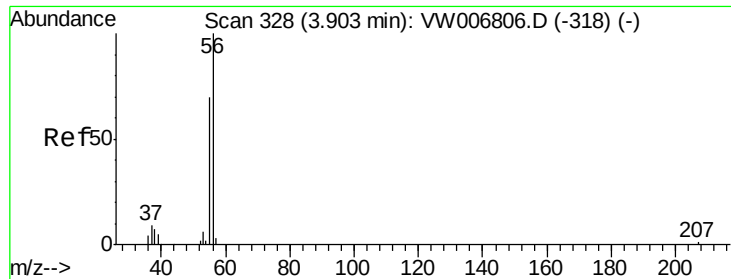


#12

1,1-Dichloroethene
Concen: 169.380 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion: 96 Resp: 408994
Ion Ratio Lower Upper
96 100
61 145.6 119.8 179.6
98 63.9 51.5 77.3





#13

Acrolein

Concen: 760.626 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 129162

Ion Ratio Lower Upper

56 100

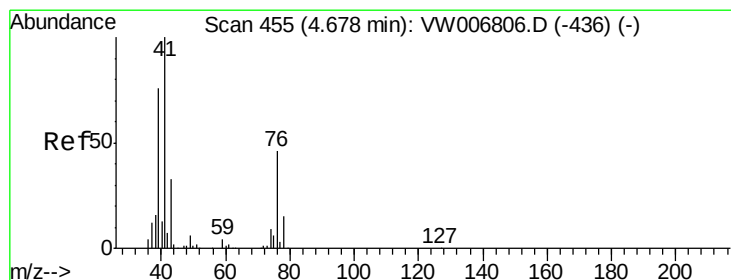
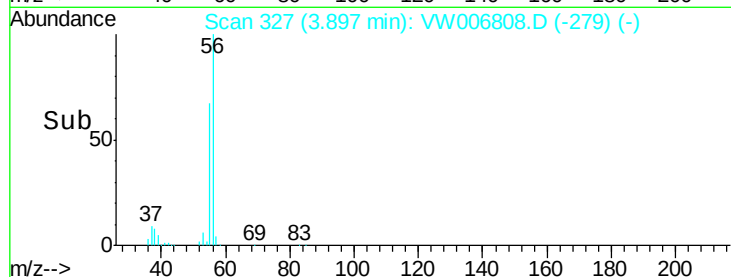
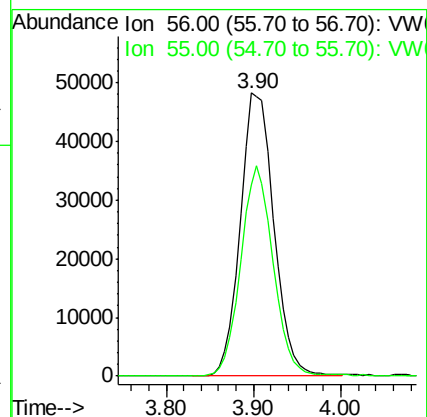
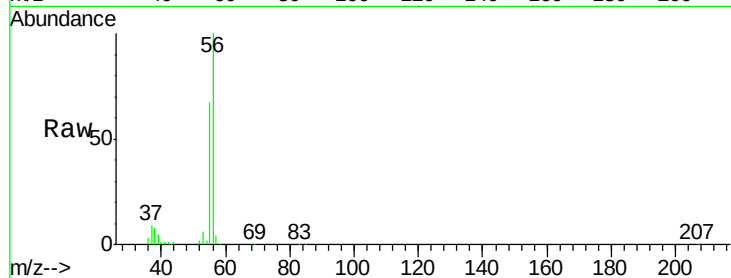
55 71.3 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 169.050 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

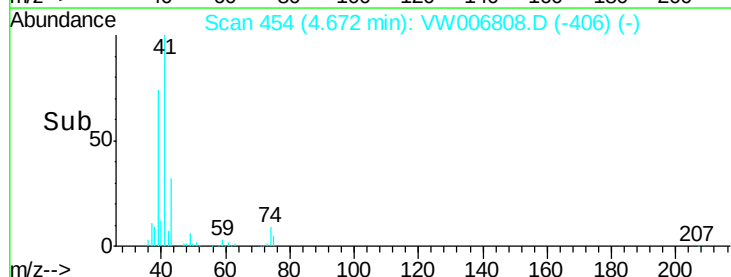
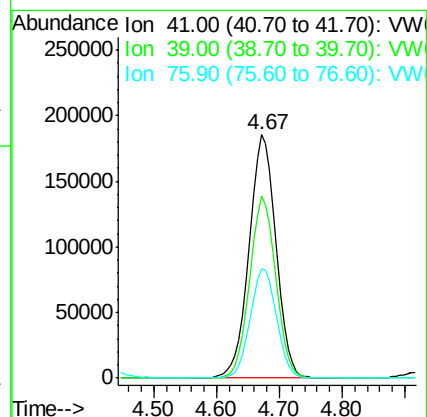
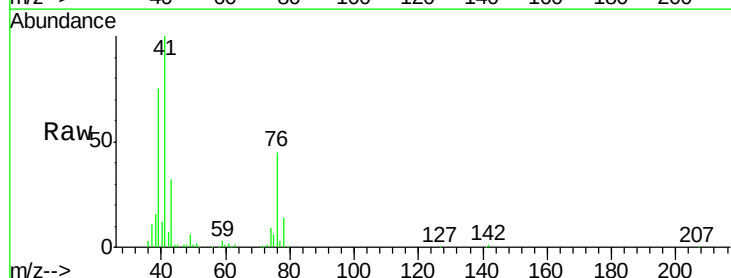
Tgt Ion: 41 Resp: 550265

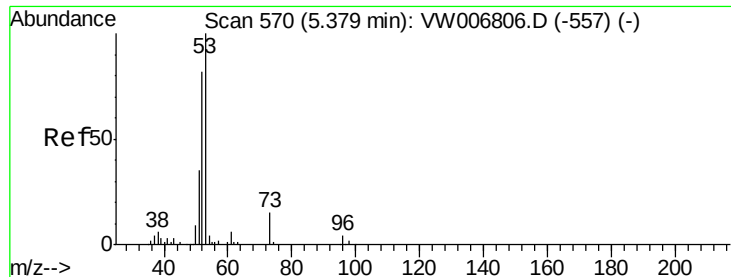
Ion Ratio Lower Upper

41 100

39 72.9 58.9 88.3

76 43.8 34.4 51.6





#15

Acrylonitrile

Concen: 820.329 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

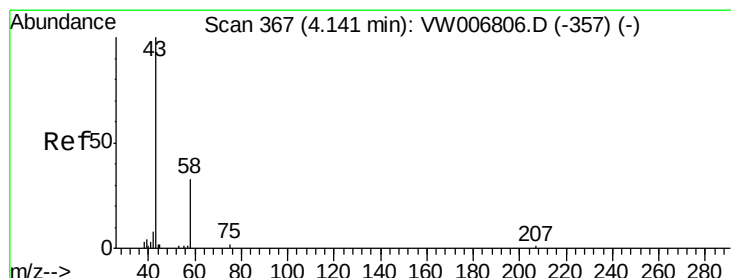
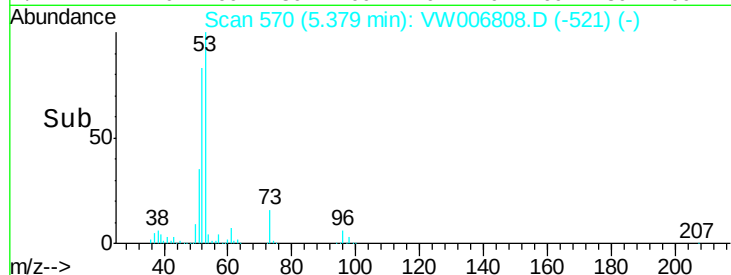
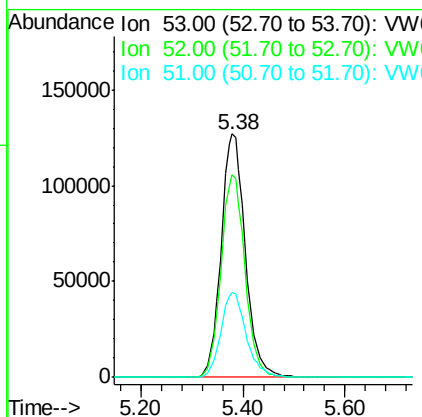
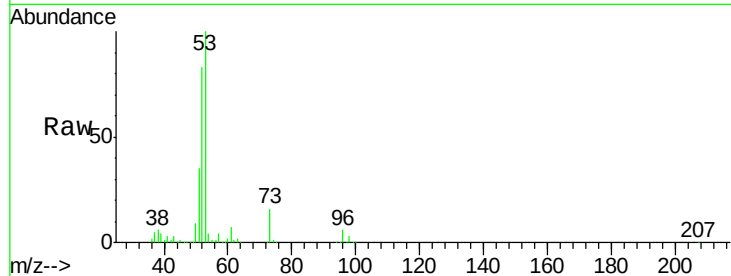
ClientSampleId :

VSTDIC150

Tgt Ion:	53	Resp:	416303
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.2	97.8
51	36.4	30.0	45.0

Manual Integrations
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#16

Acetone

Concen: 800.635 ug/l

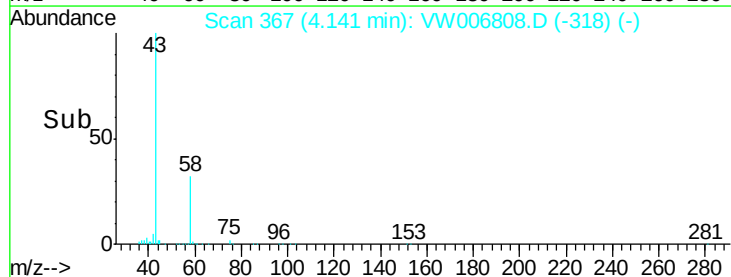
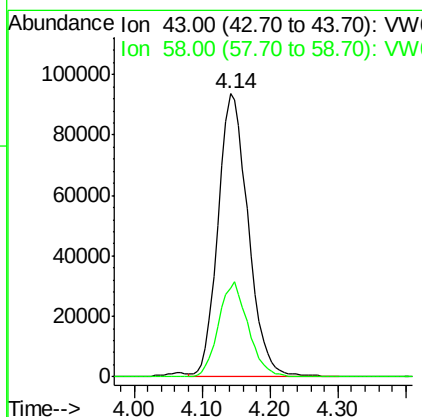
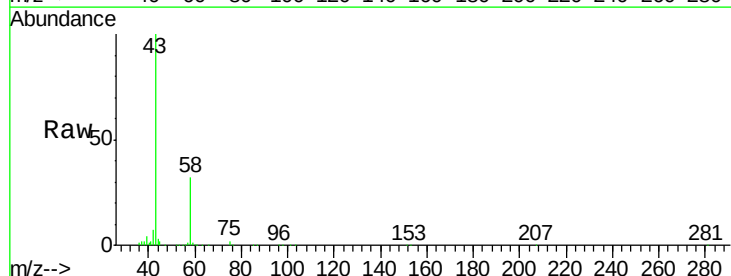
RT: 4.14 min Scan# 367

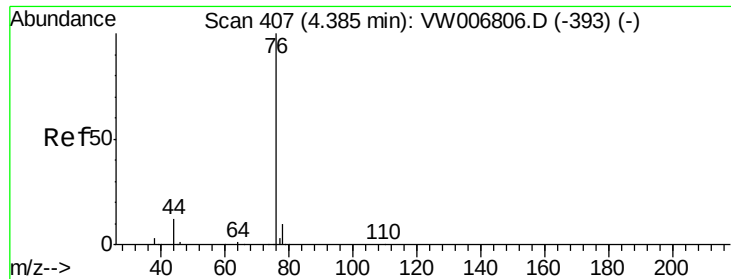
Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Tgt Ion:	43	Resp:	287100
Ion	Ratio	Lower	Upper
43	100		
58	31.5	26.5	39.7





#17

Carbon Disulfide

Concen: 164.898 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 1313447

Ion Ratio Lower Upper

76 100

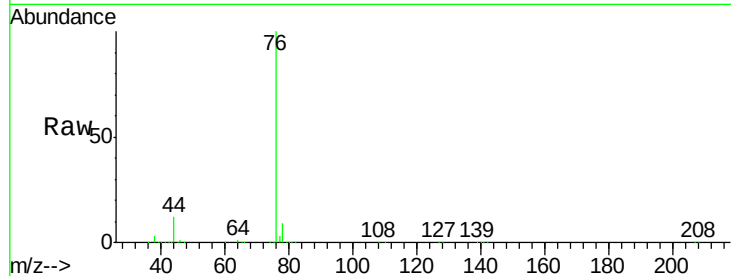
78 9.2 7.6 11.4

Manual Integrations

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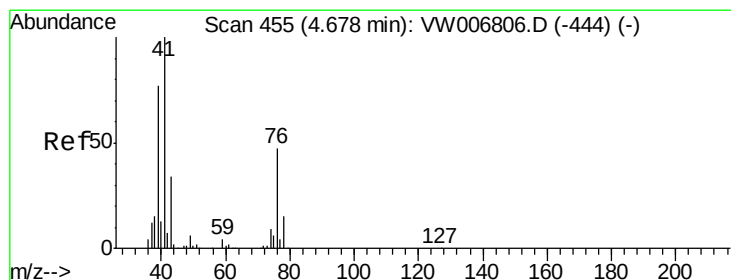
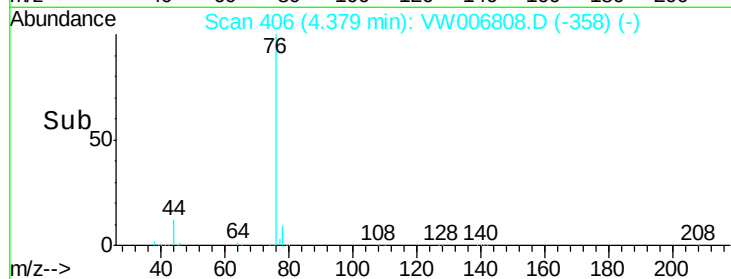
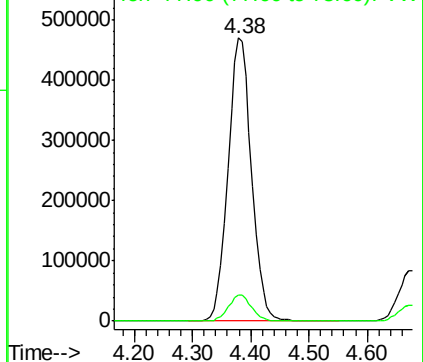
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 156.280 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006808.D

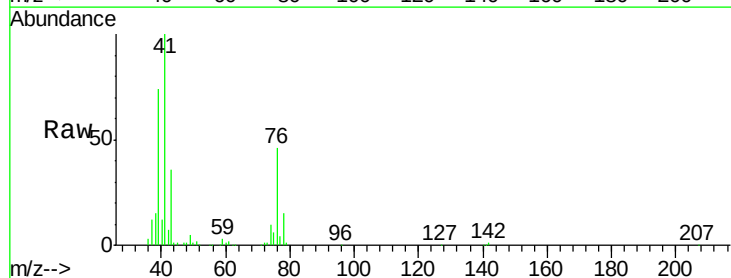
Acq: 12 Nov 2018 14:32

Tgt Ion: 43 Resp: 196657

Ion Ratio Lower Upper

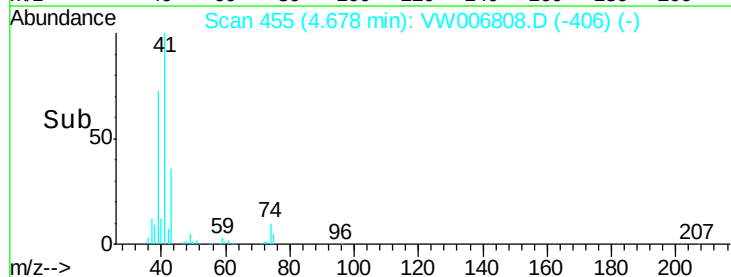
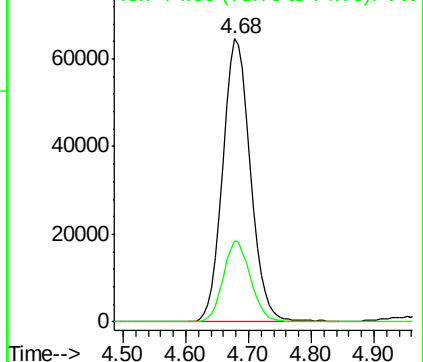
43 100

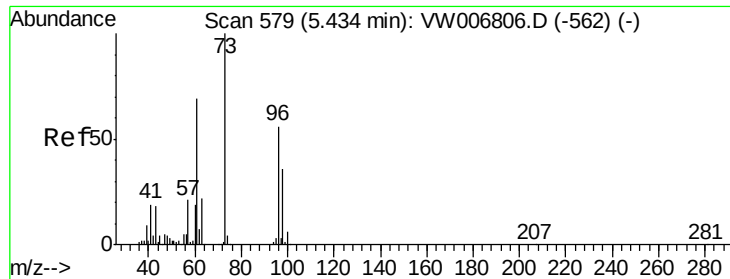
74 28.4 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





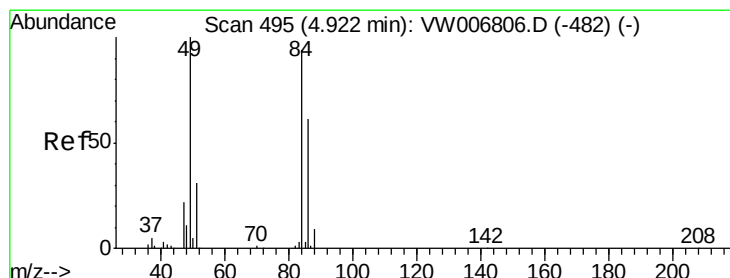
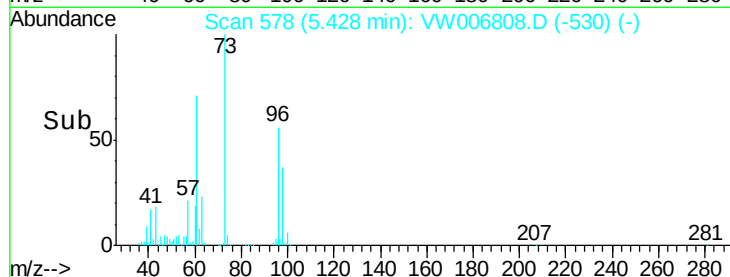
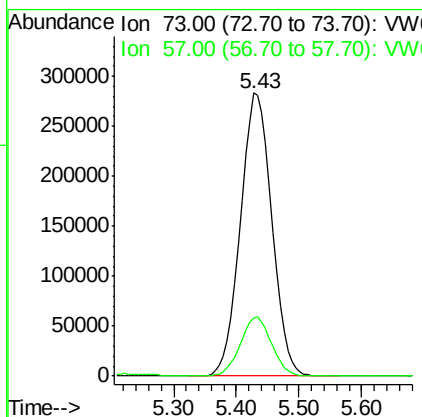
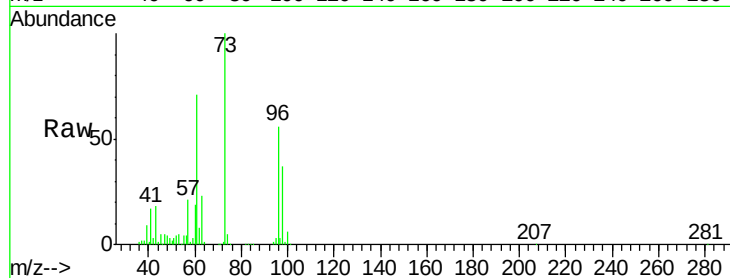
#19
Methyl tert-butyl Ether
Concen: 165.830 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.8	25.2

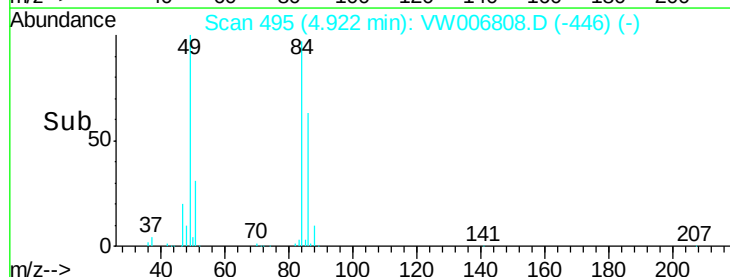
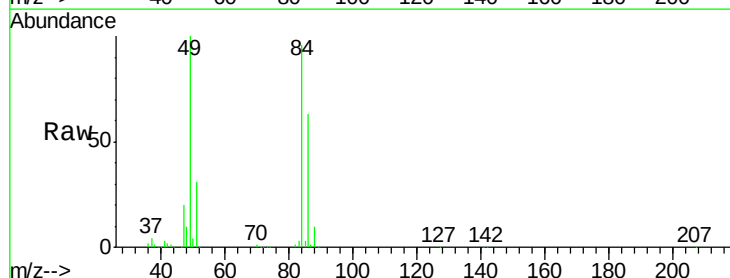
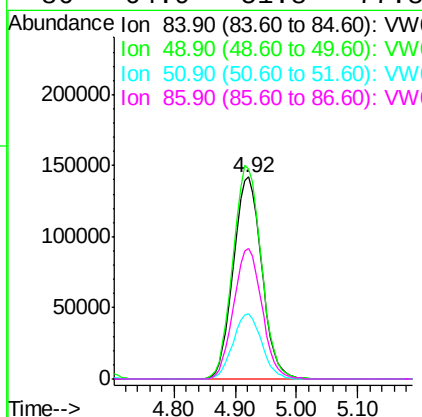
Manual Integrations
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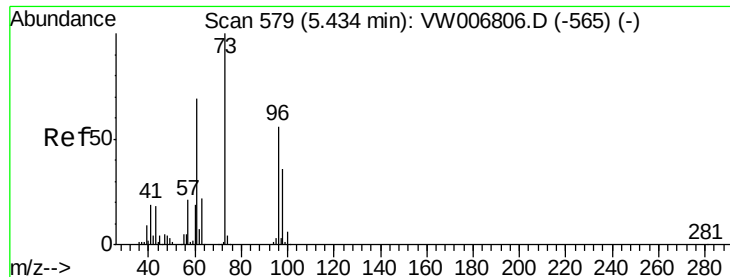
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#20
Methylene Chloride
Concen: 131.121 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.7	84.8	127.2
51	32.1	26.2	39.4
86	64.9	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 163.907 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

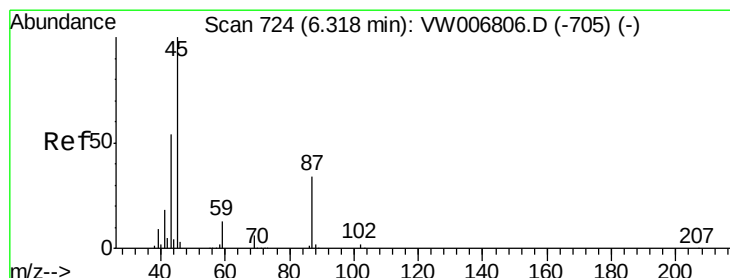
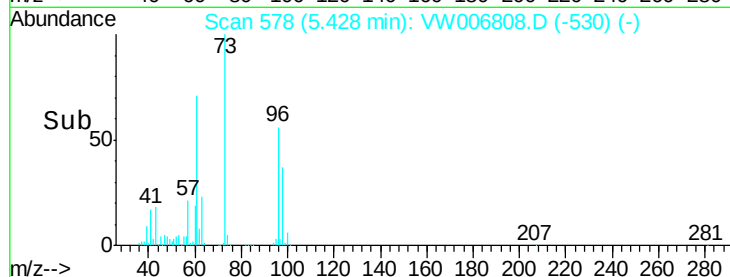
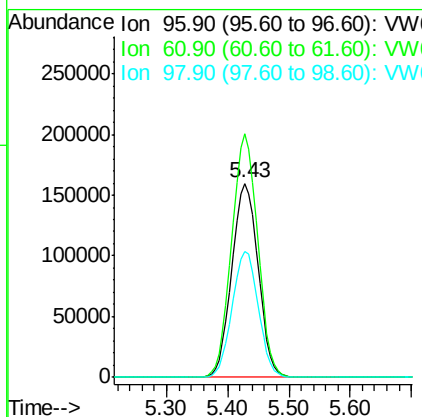
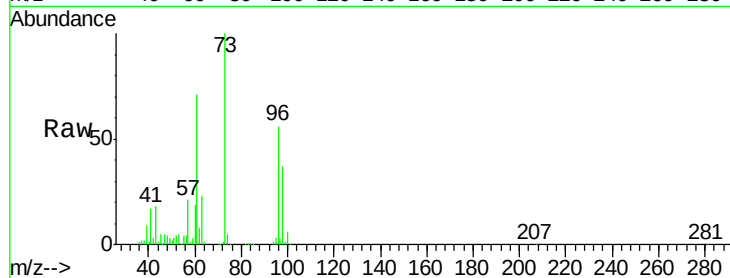
ClientSampleId :

VSTDIC150

Tgt Ion:	96	Resp:	473404
Ion	Ratio	Lower	Upper
96	100		
61	125.6	98.7	148.1
98	64.8	51.2	76.8

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#22

Diisopropyl ether

Concen: 166.918 ug/l

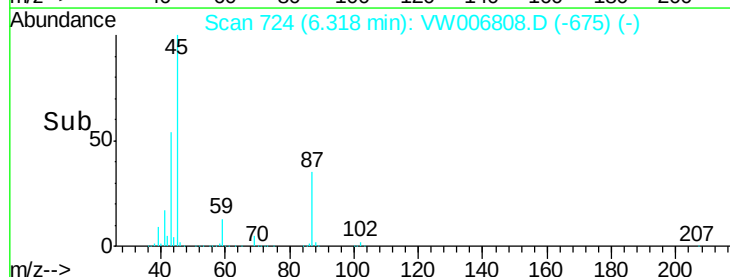
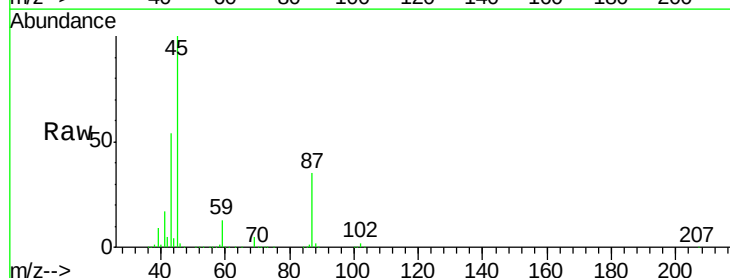
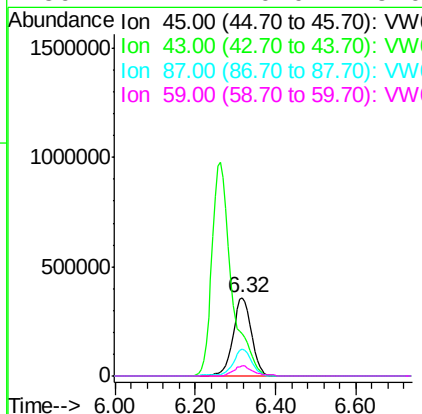
RT: 6.32 min Scan# 724

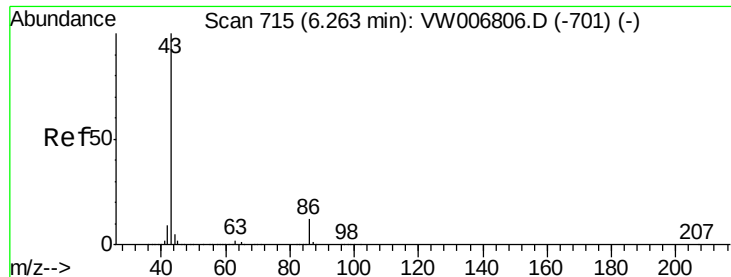
Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Tgt Ion:	45	Resp:	1145017
Ion	Ratio	Lower	Upper
45	100		
43	53.6	43.7	65.5
87	34.6	27.2	40.8
59	12.7	10.0	15.0





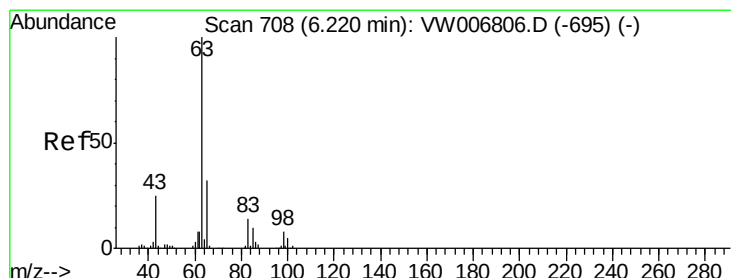
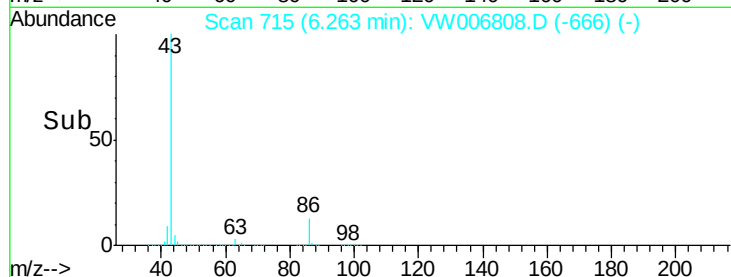
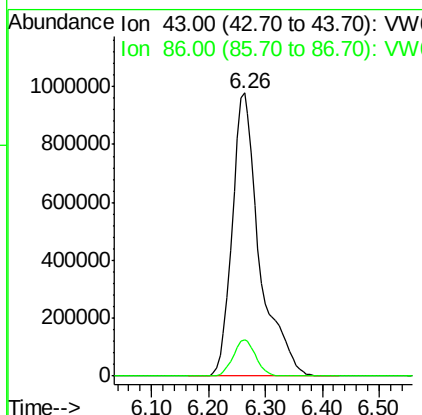
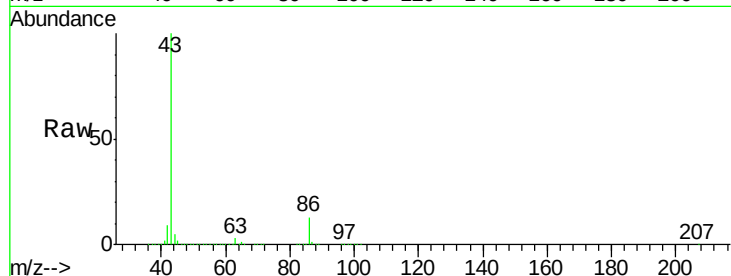
#23
 Vinyl Acetate
 Concen: 836.693 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 3273430
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.6 14.4

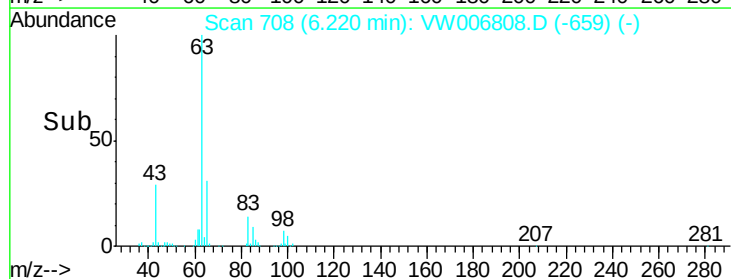
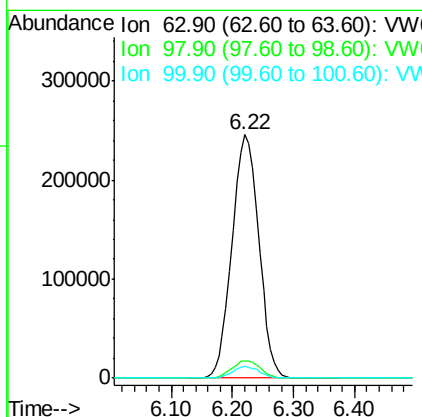
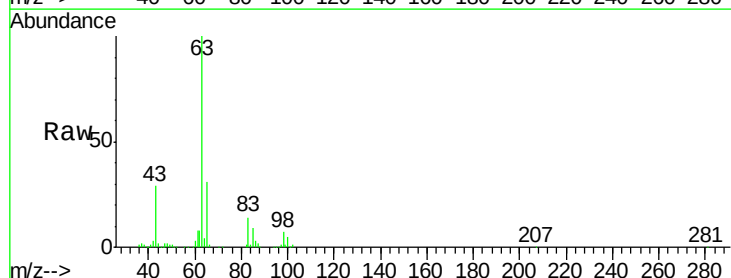
Manual Integrations
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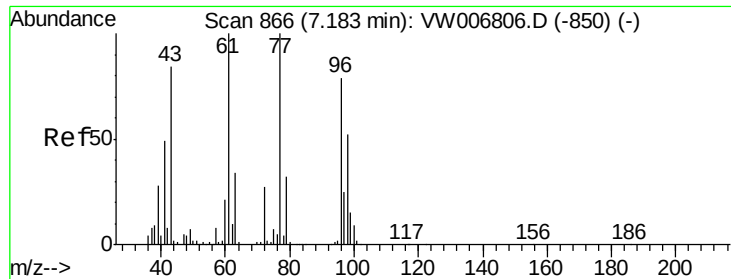
apatel
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#24
 1,1-Dichloroethane
 Concen: 165.686 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion: 63 Resp: 743508
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 803.909 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 475971

Ion Ratio Lower Upper

43 100

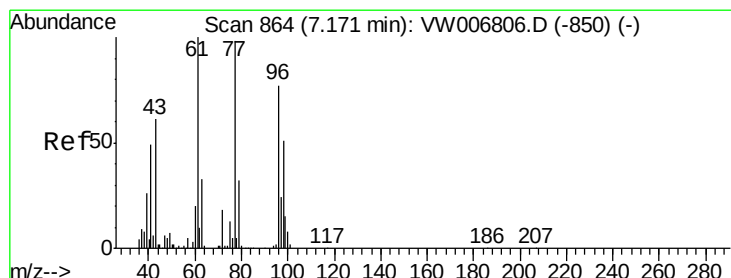
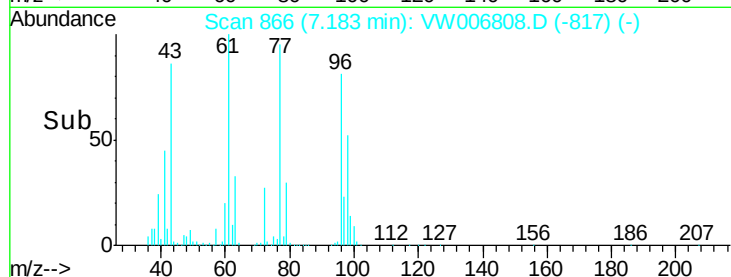
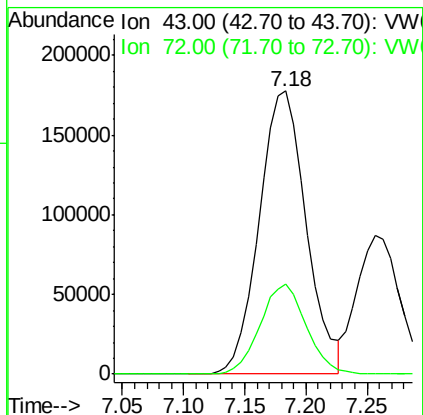
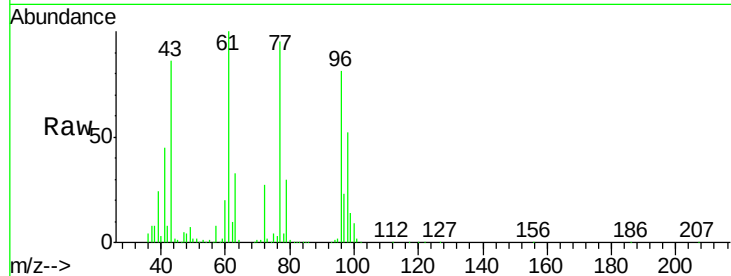
72 31.8 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 156.616 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006808.D

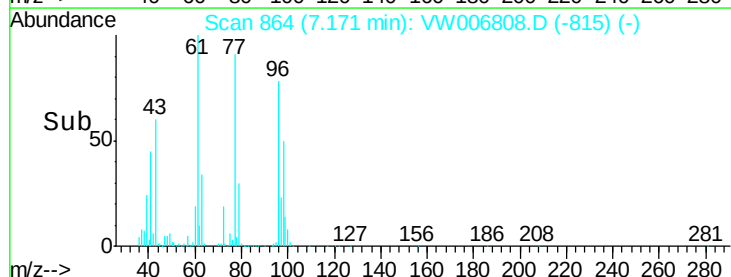
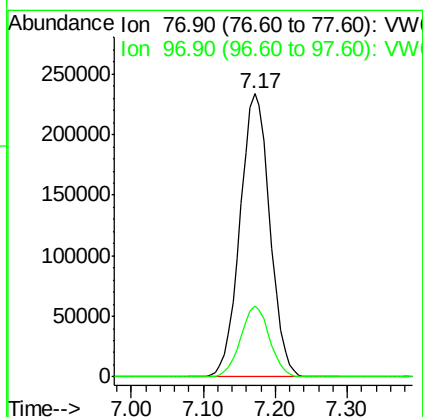
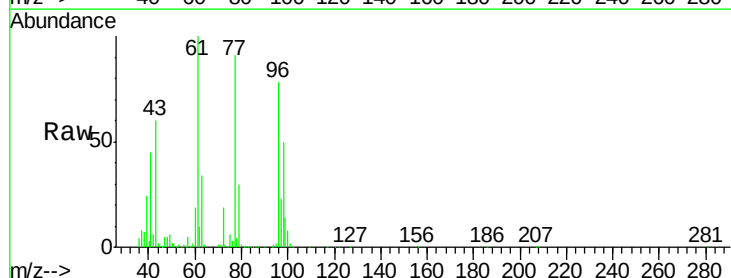
Acq: 12 Nov 2018 14:32

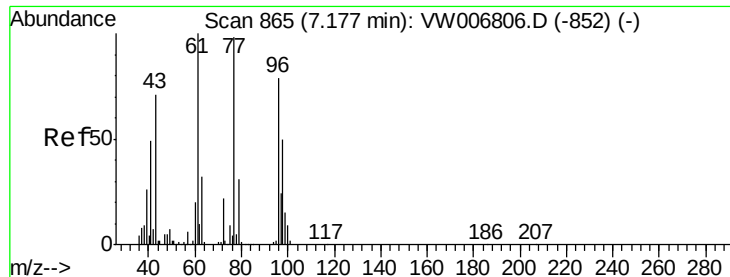
Tgt Ion: 77 Resp: 669606

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

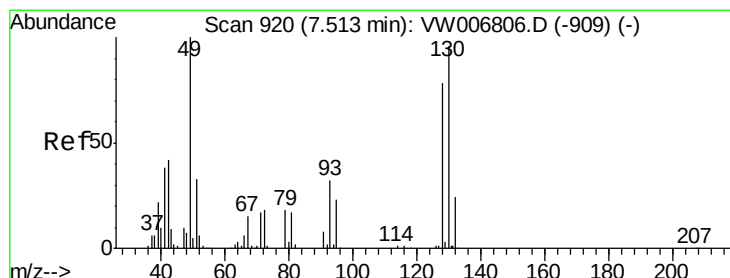
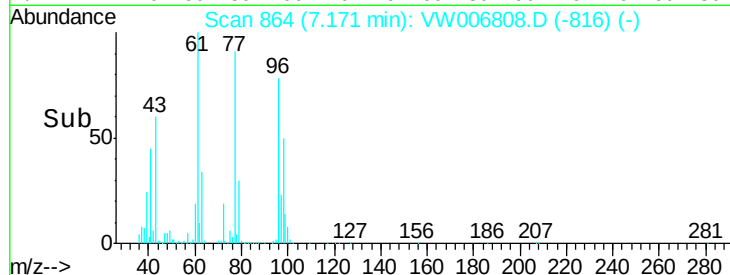
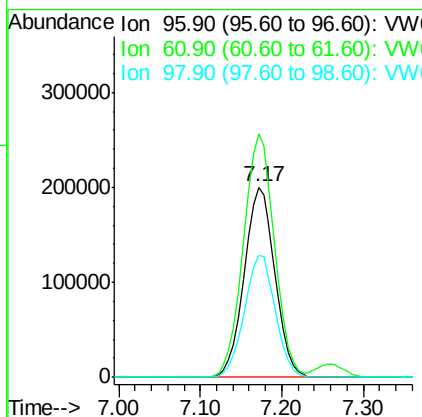
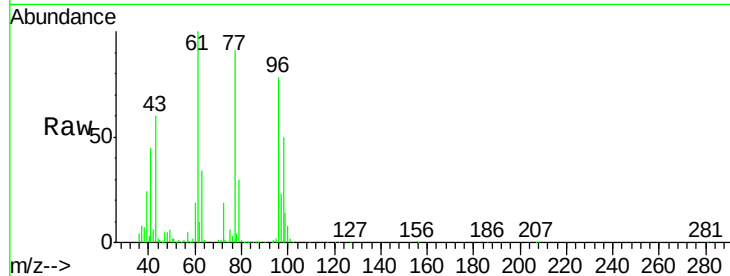
cis-1,2-Dichloroethene
 Concen: 168.774 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	522316		
61	130.0	0.0	264.0	
98	64.7	0.0	131.0	

Manual Integrations
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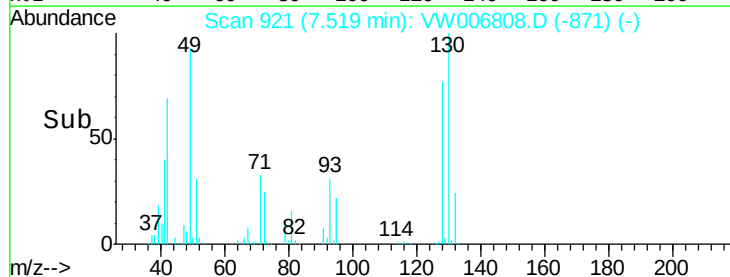
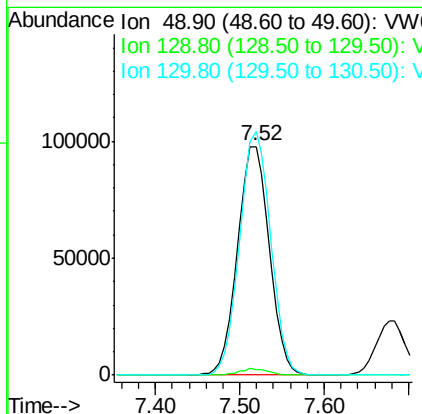
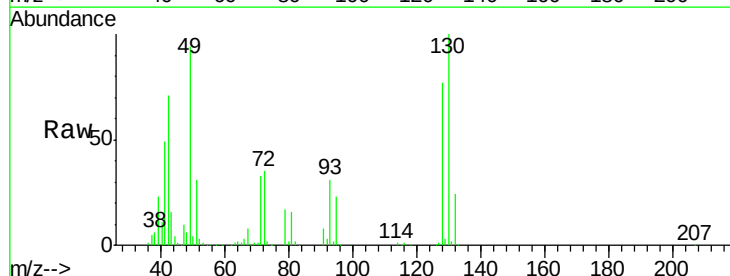
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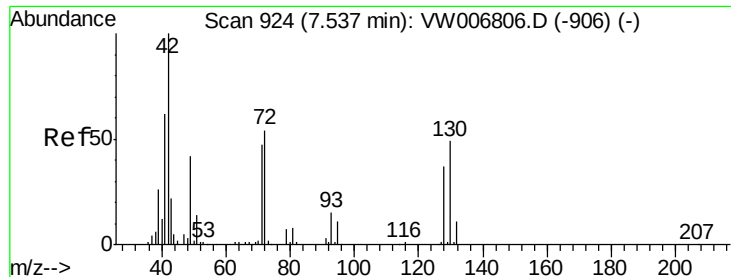


#28

Bromochloromethane
 Concen: 148.268 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	249206		
129	2.6	0.0	5.6	
130	104.2	83.3	124.9	





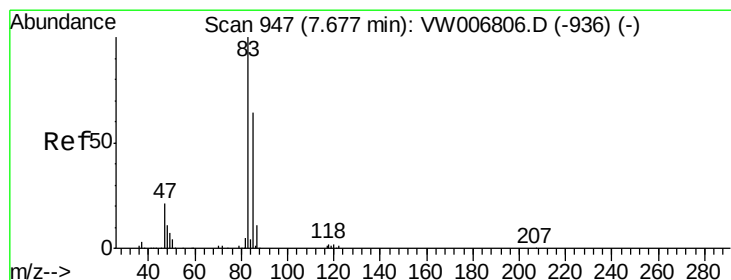
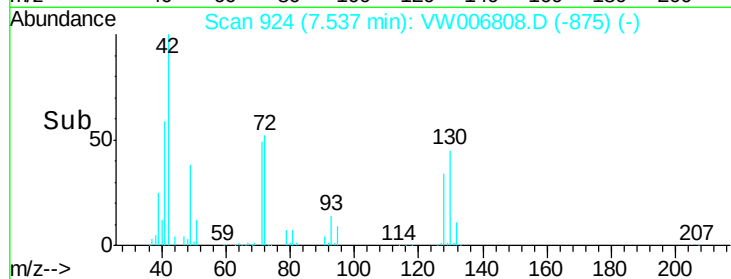
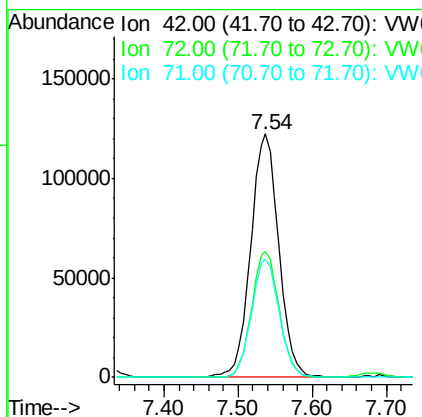
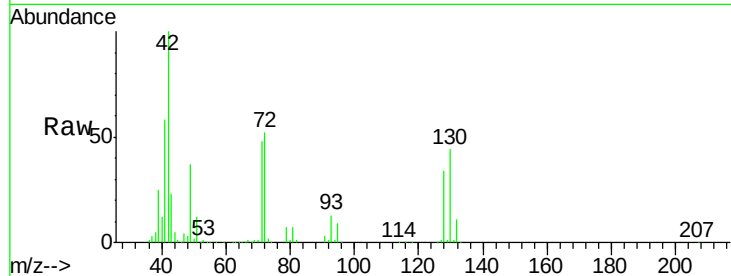
#29
Tetrahydrofuran
Concen: 830.686 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.9	40.9	61.3
71	48.0	36.9	55.3

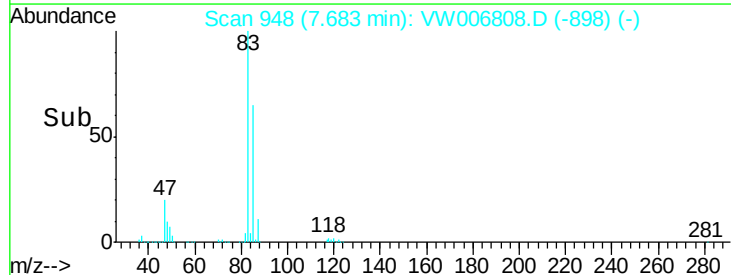
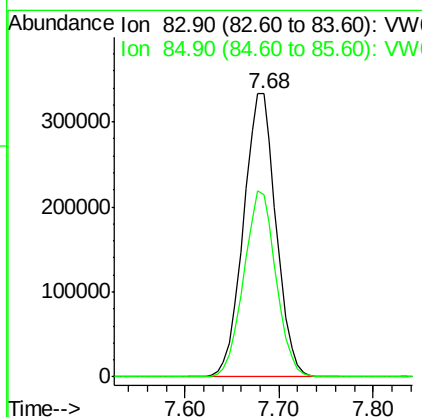
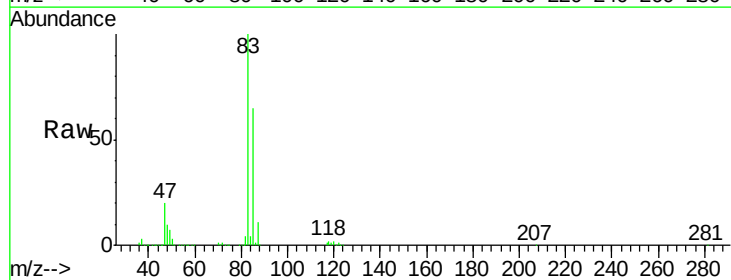
Manual Integrations
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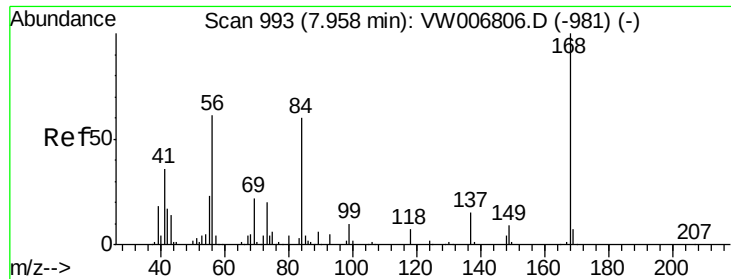
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#30
Chloroform
Concen: 162.193 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





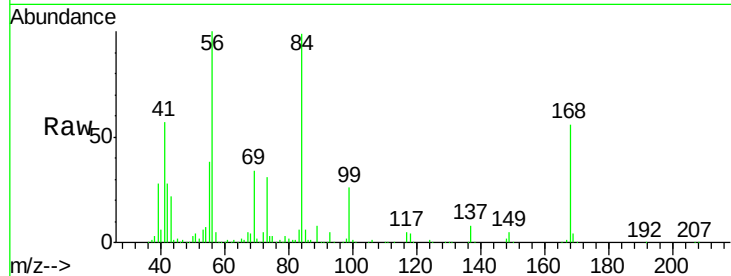
#31
Cyclohexane
Concen: 141.304 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.3	28.9	43.3
84	97.5	79.0	118.4

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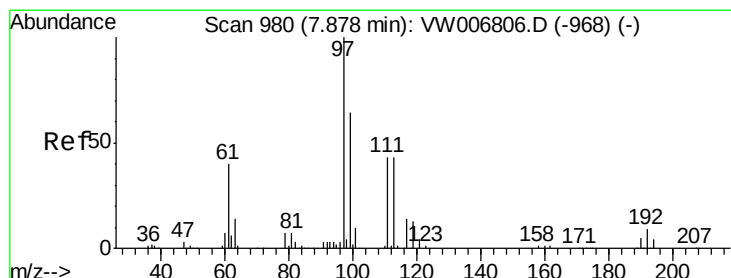
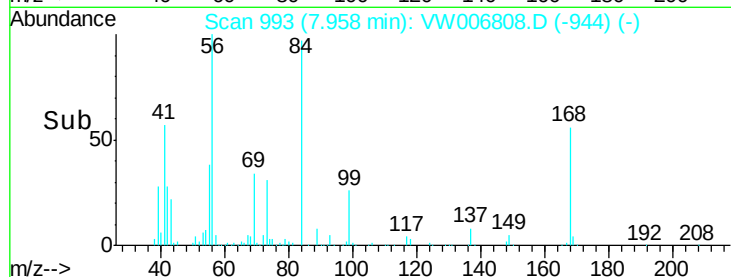
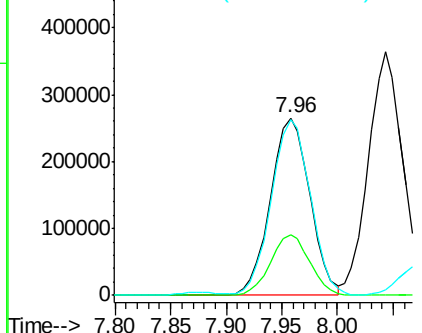


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 152.798 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

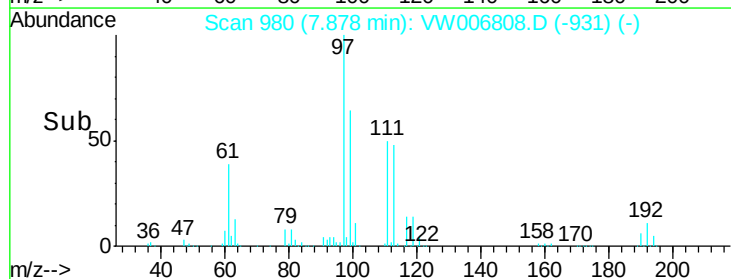
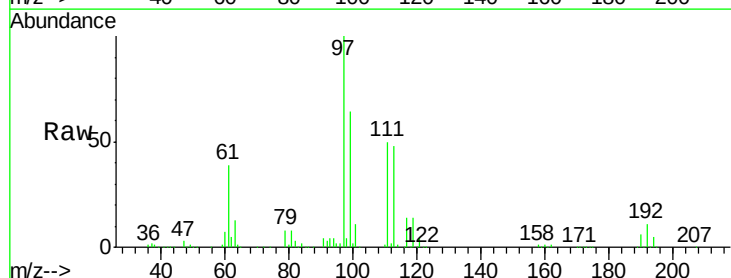
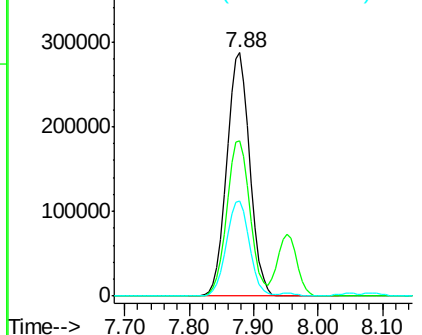
Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	39.5	32.2	48.4

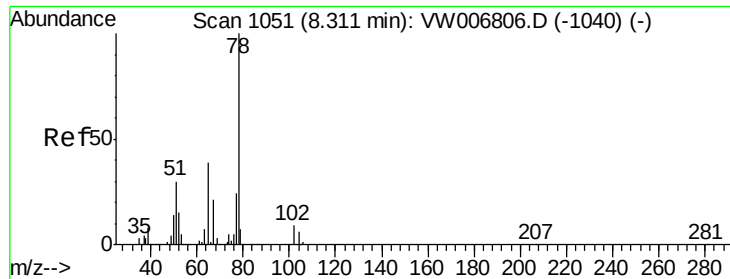
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





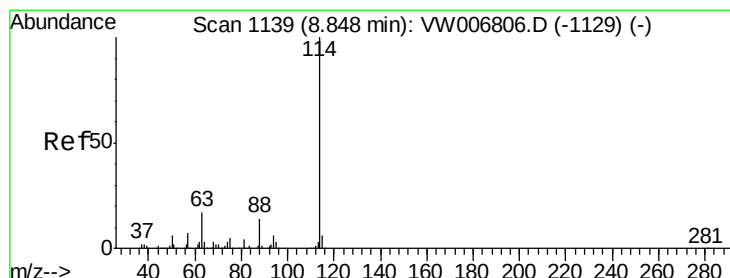
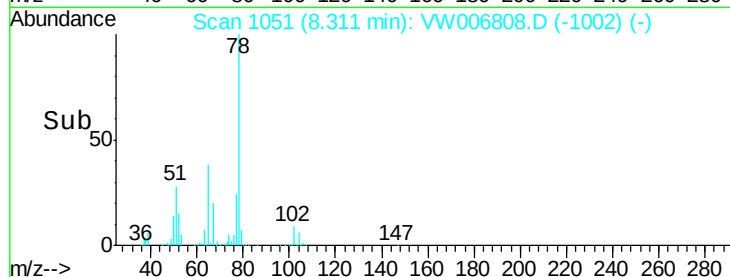
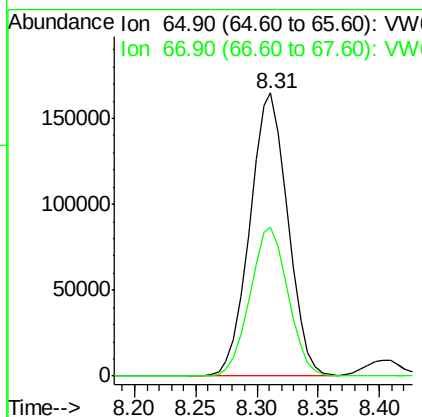
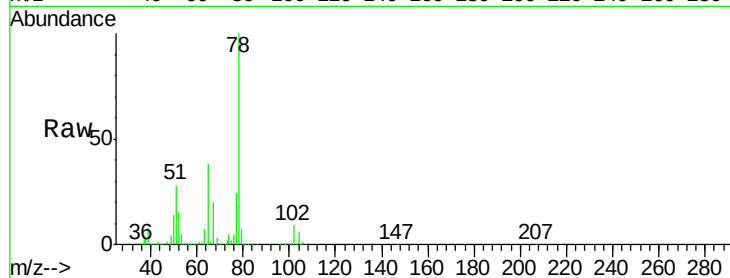
#33
 1,2-Dichloroethane-d4
 Concen: 143.653 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	355866		
67	52.8	0.0	104.4	

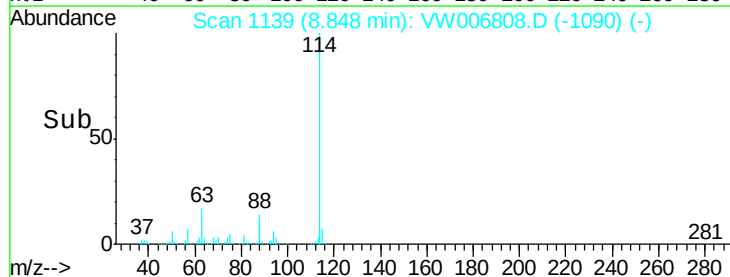
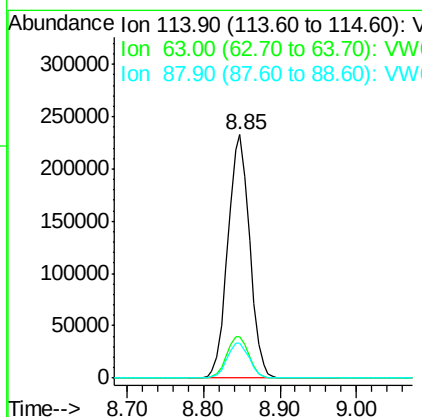
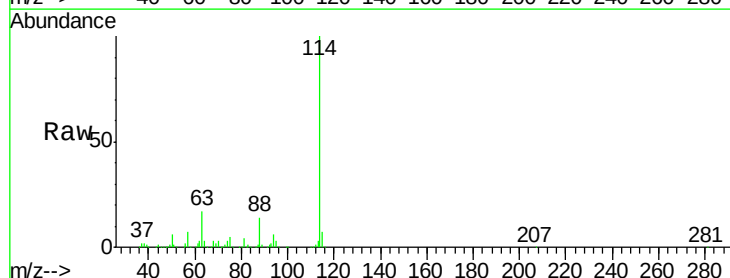
Manual Integrations
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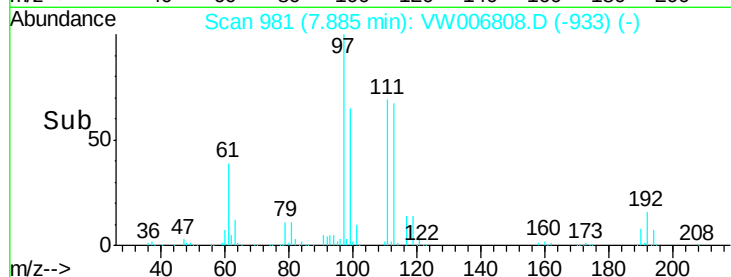
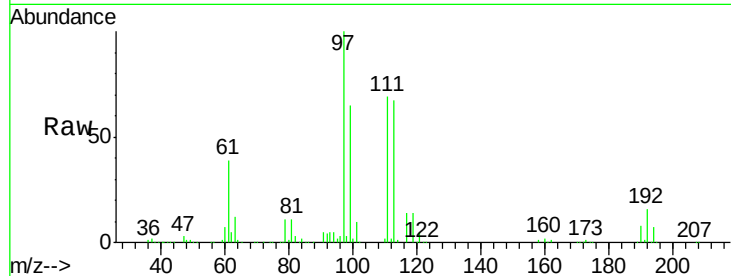
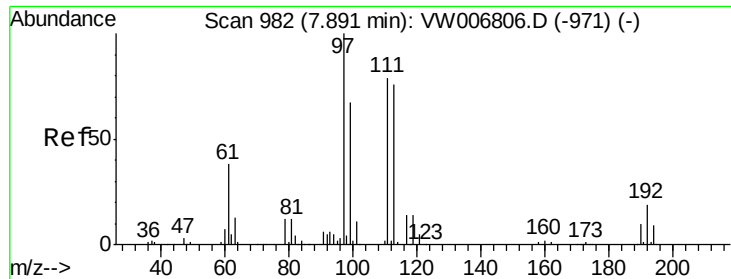
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	456603		
63	17.0	0.0	33.6	
88	14.3	0.0	28.4	





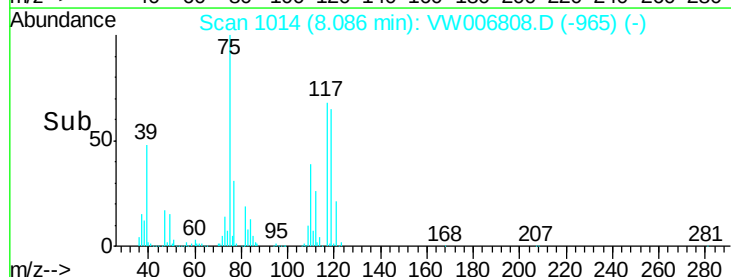
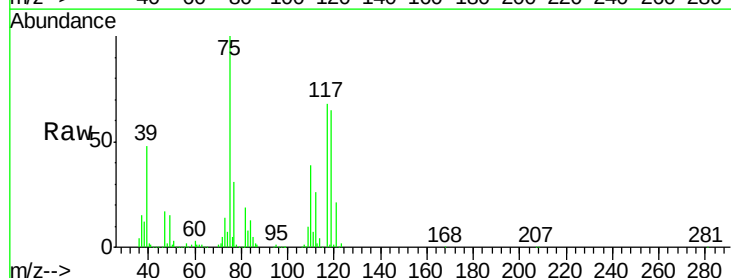
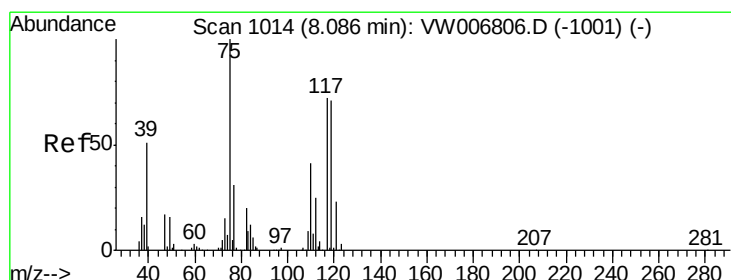
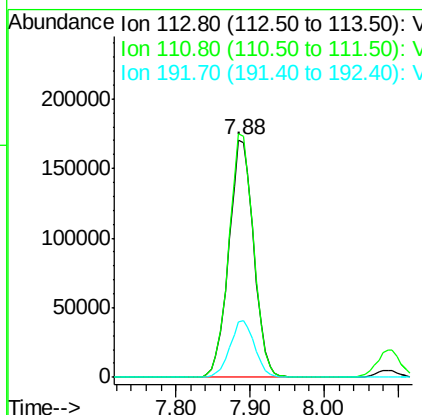
#35
Dibromofluoromethane
Concen: 152.982 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	397585		
111	101.9	81.0	121.6	
192	23.8	19.0	28.6	

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

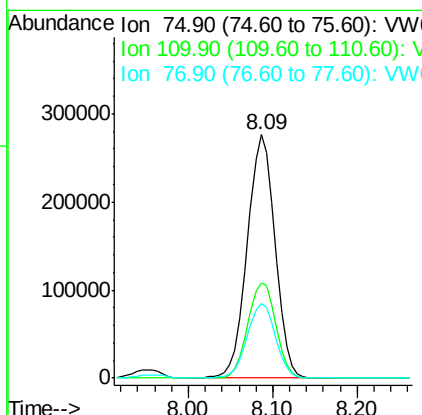
Manual Integrations
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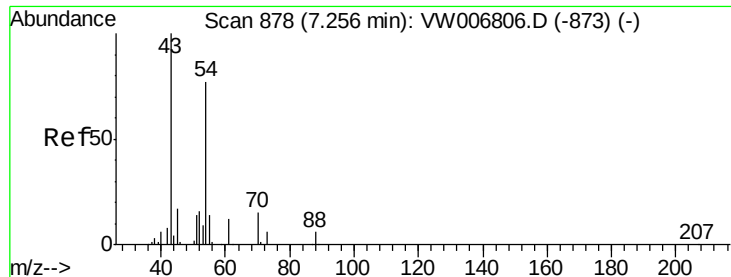
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#36
1,1-Dichloropropene
Concen: 148.304 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	614467		
110	39.7	19.9	59.6	
77	31.4	25.4	38.2	





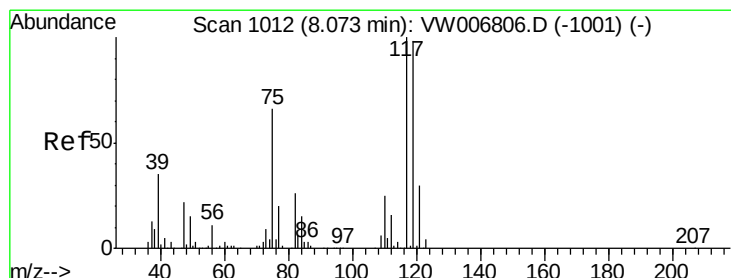
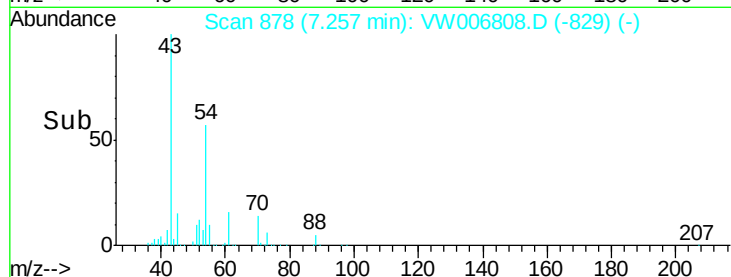
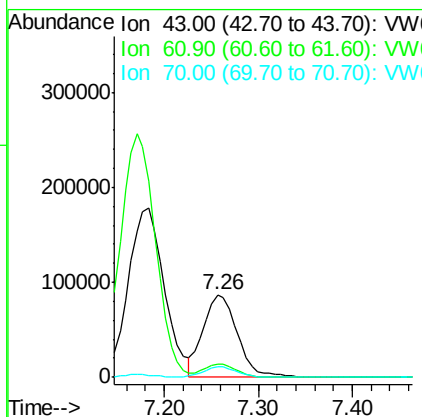
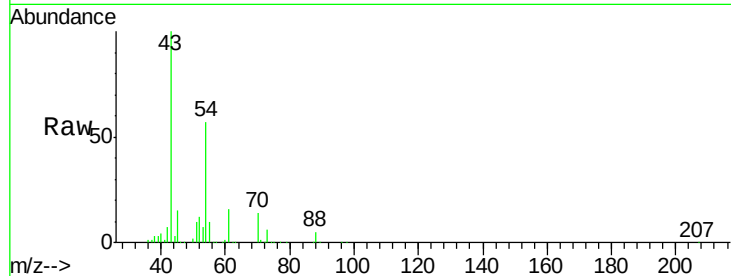
#37
Ethyl Acetate
Concen: 148.305 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.7	17.5
70	12.8	10.0	15.0

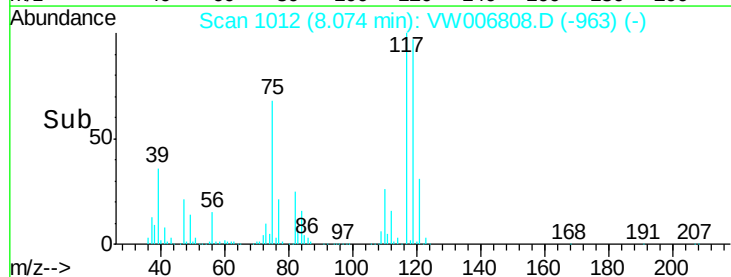
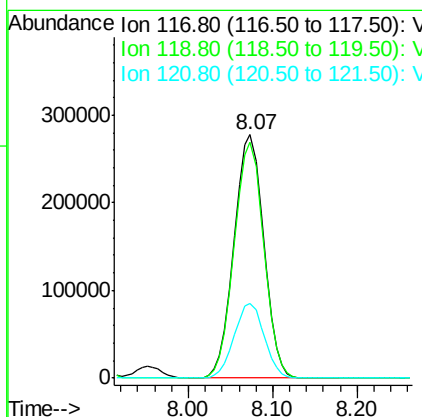
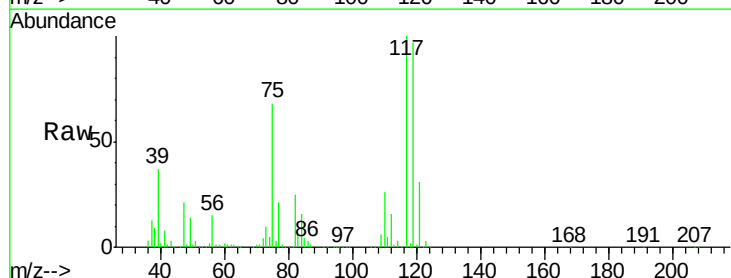
Manual Integrations
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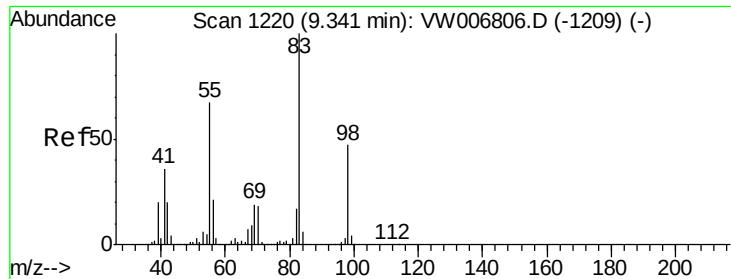
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#38
Carbon Tetrachloride
Concen: 149.593 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.5	117.7
121	30.5	24.2	36.2





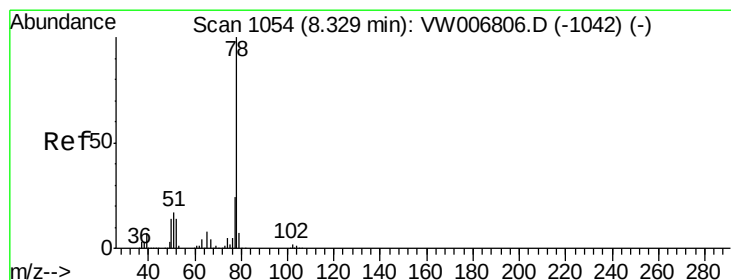
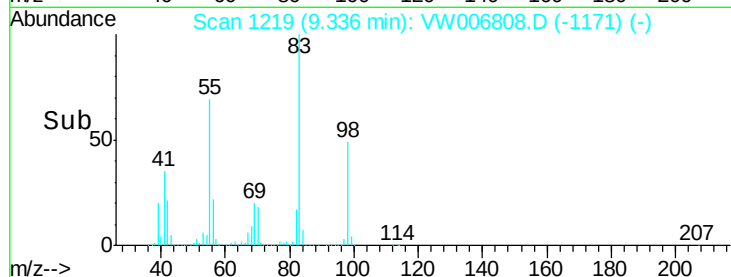
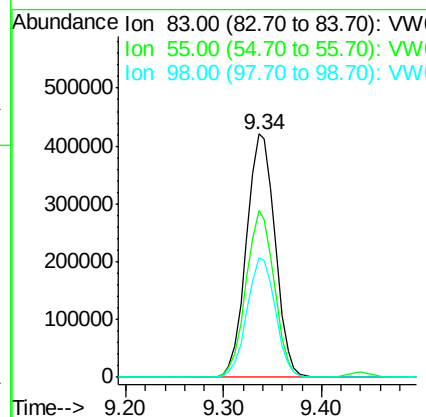
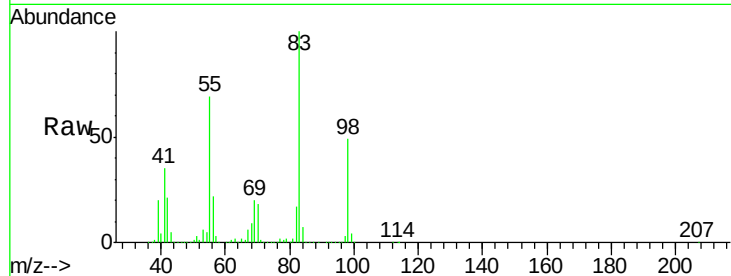
#39
Methylcyclohexane
Concen: 162.645 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.6	53.3	79.9
98	49.1	37.9	56.9

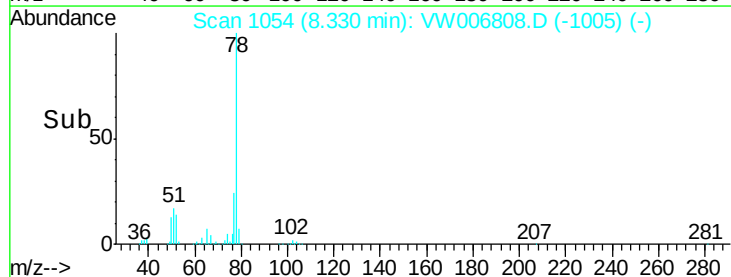
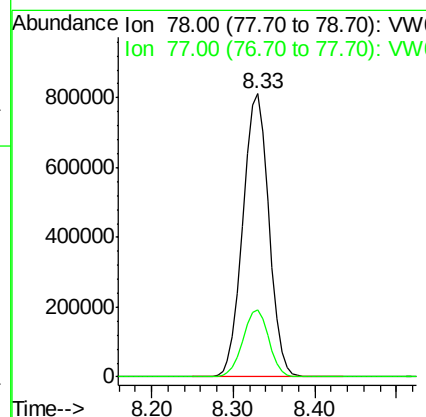
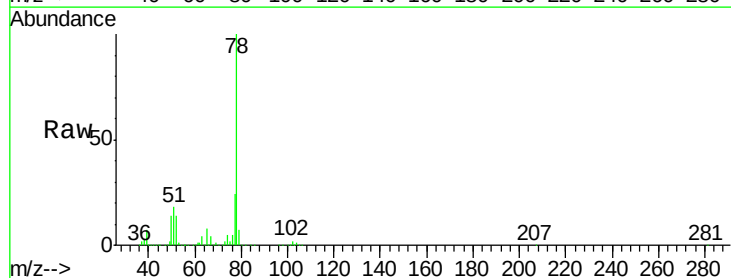
Manual Integrations
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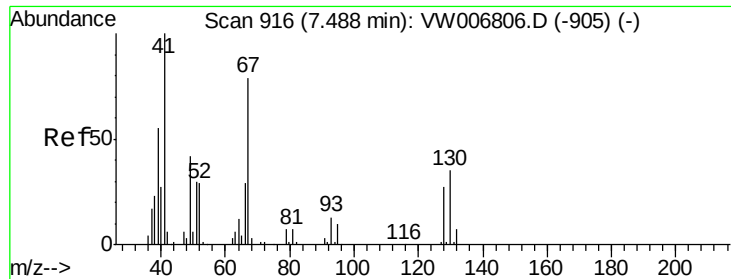
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#40
Benzene
Concen: 152.904 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





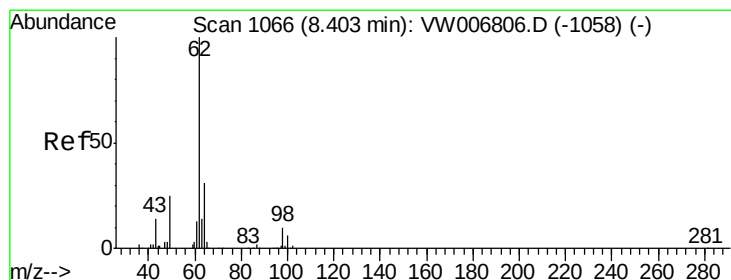
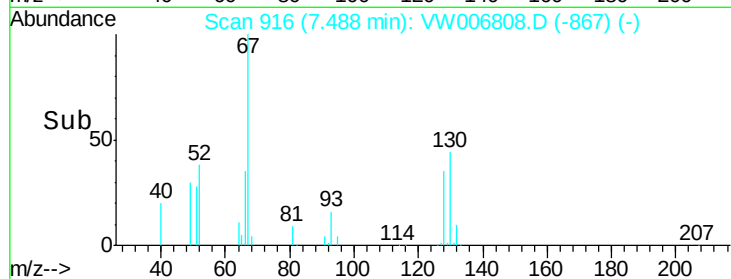
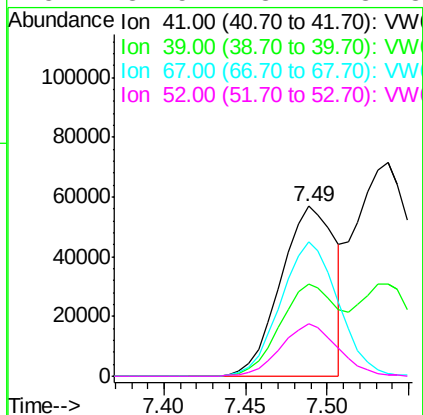
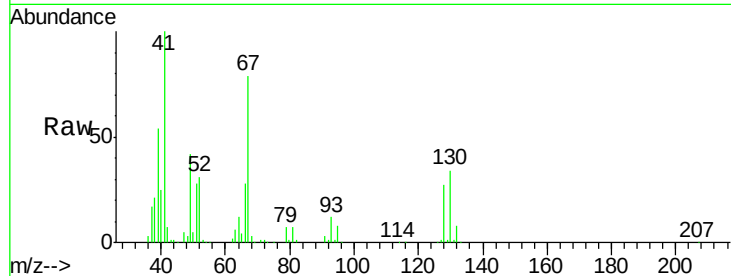
#41
Methacrylonitrile
Concen: 154.521 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.0	48.1	72.1	
67	83.7	61.4	92.2	
52	32.5	23.2	34.8	

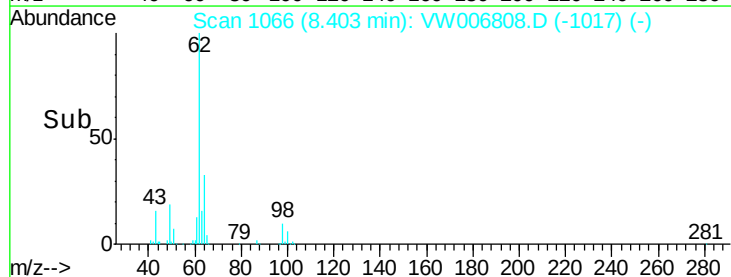
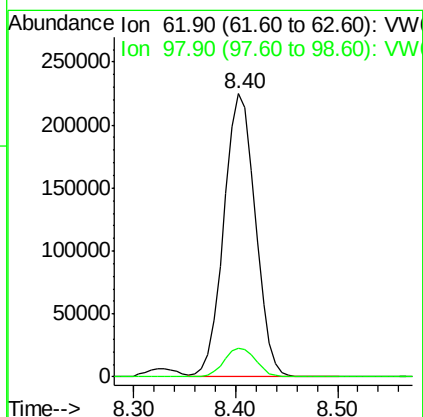
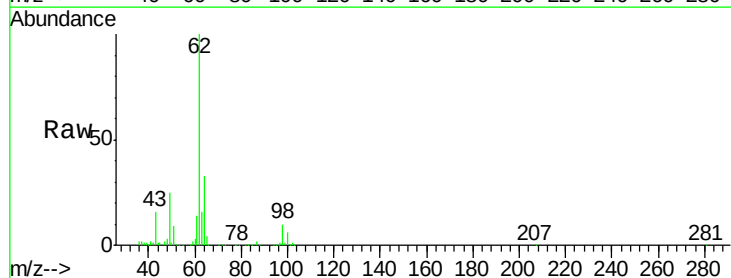
Manual Integrations
APPROVED

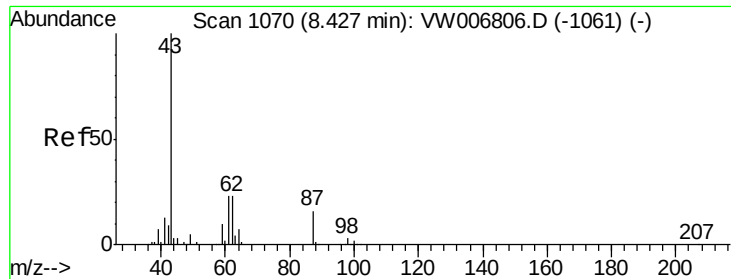
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#42
1,2-Dichloroethane
Concen: 150.982 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	20.0	





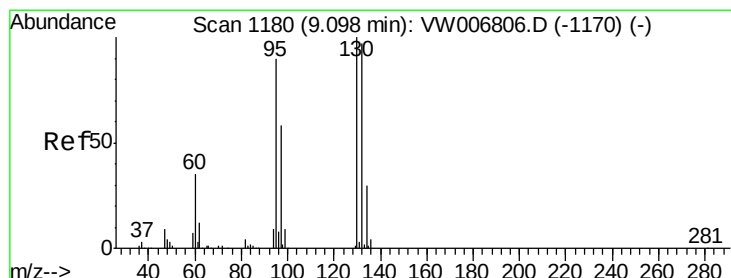
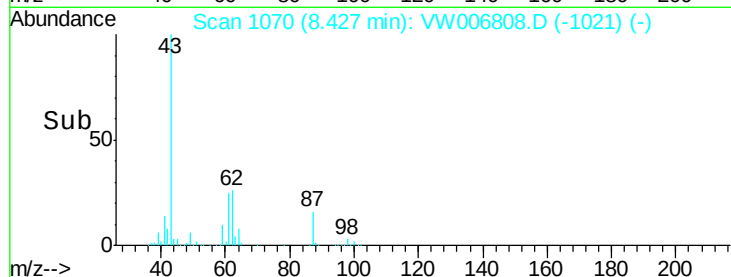
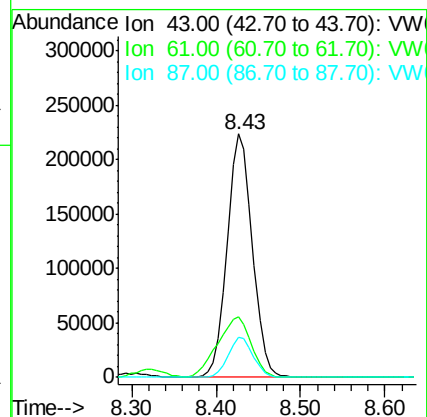
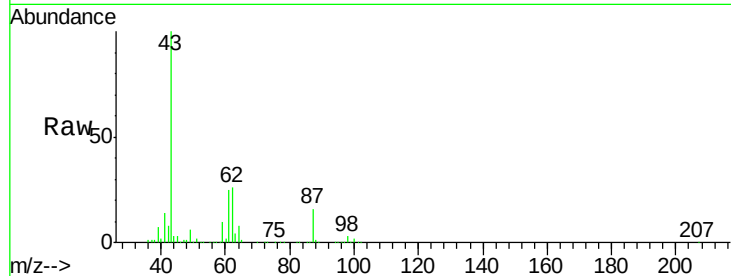
#43
Isopropyl Acetate
Concen: 165.610 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.1	27.0	40.4
87	16.3	13.0	19.4

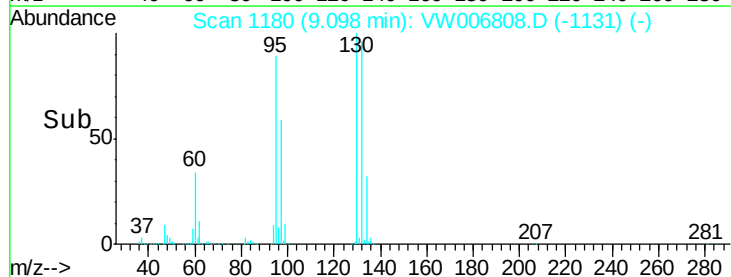
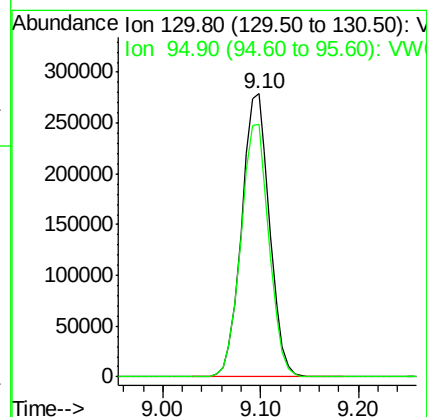
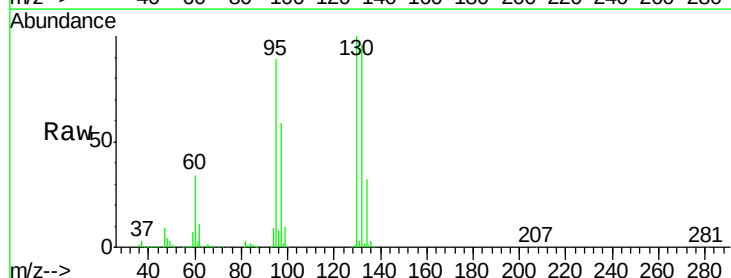
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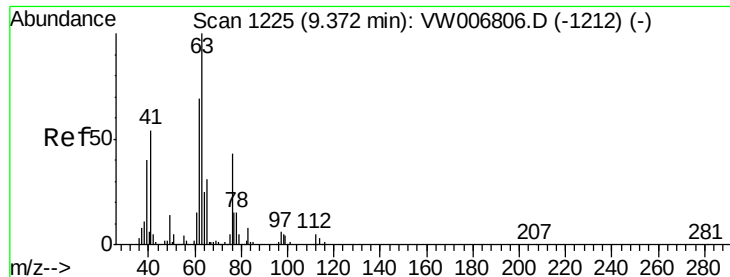
apatel
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#44
Trichloroethene
Concen: 152.873 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	180.2





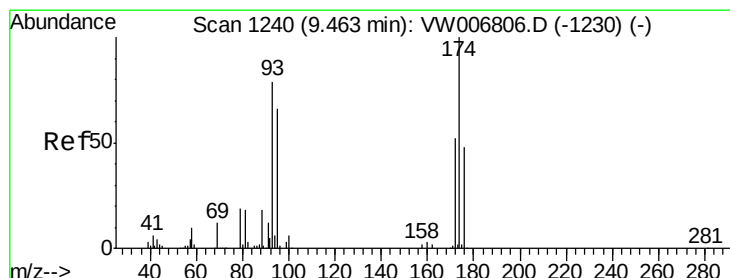
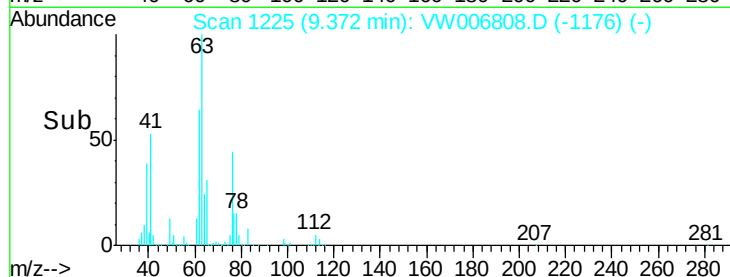
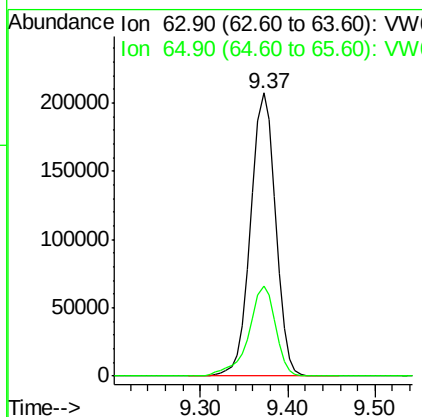
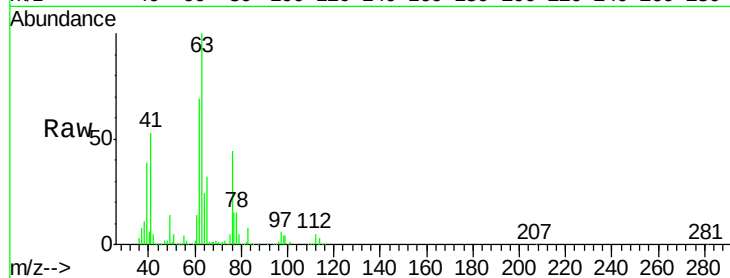
#45
 1,2-Dichloropropane
 Concen: 149.426 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 410593
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.4 36.6

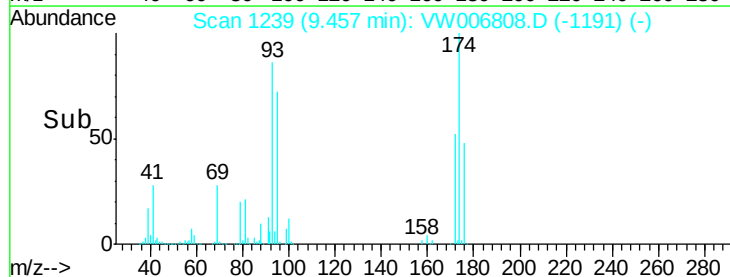
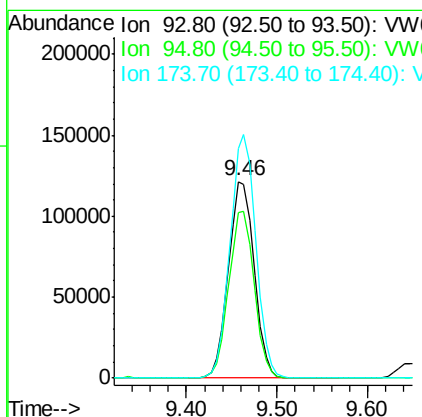
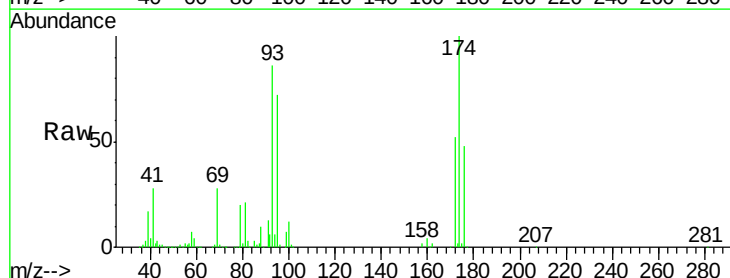
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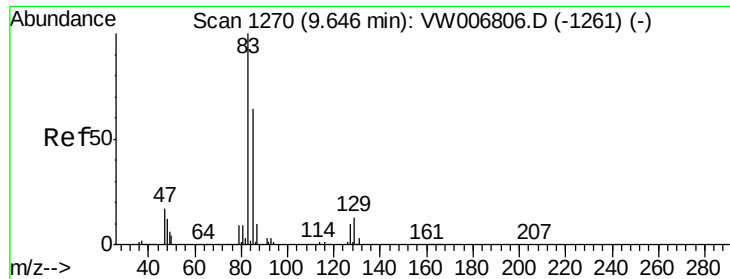
apatel
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#46
 Dibromomethane
 Concen: 155.501 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion: 93 Resp: 239894
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.6
 174 123.4 98.6 147.8





#47

Bromodichloromethane

Concen: 154.057 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

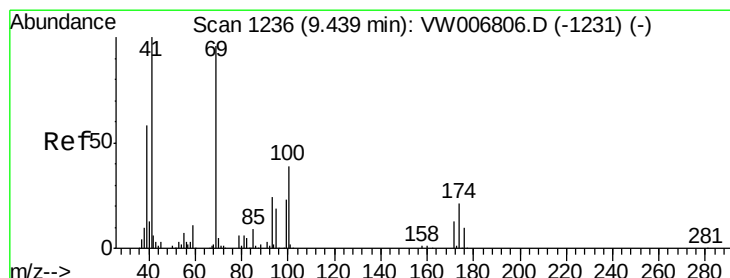
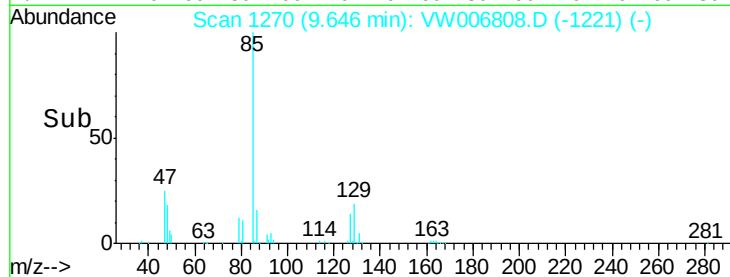
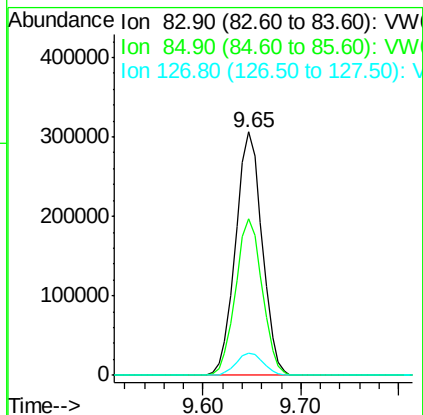
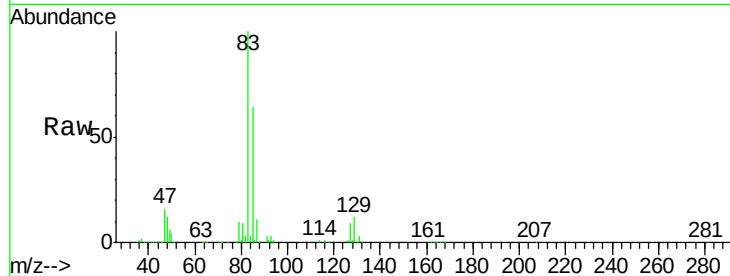
ClientSampleId :

VSTDIC150

Tgt Ion:	83	Resp:	576711
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0
127	9.1	7.6	11.4

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#48

Methyl methacrylate

Concen: 166.239 ug/l

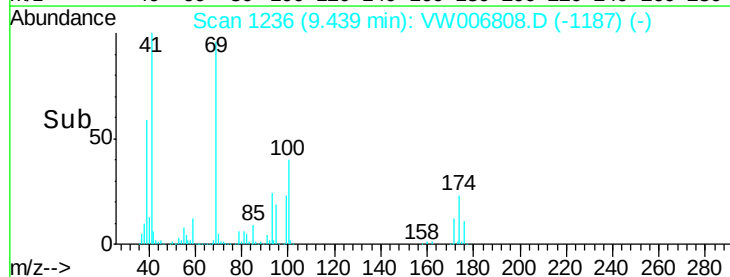
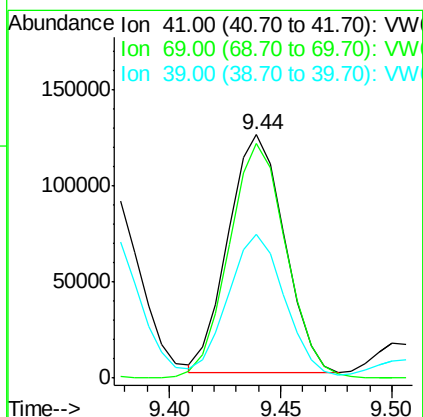
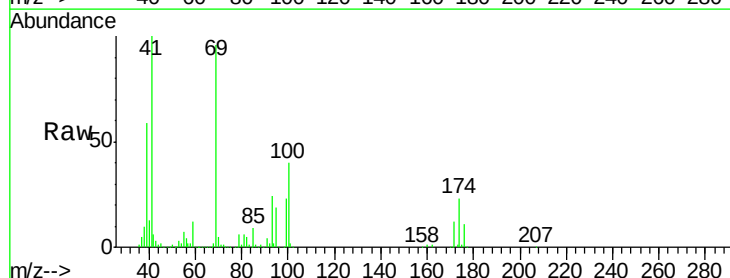
RT: 9.44 min Scan# 1236

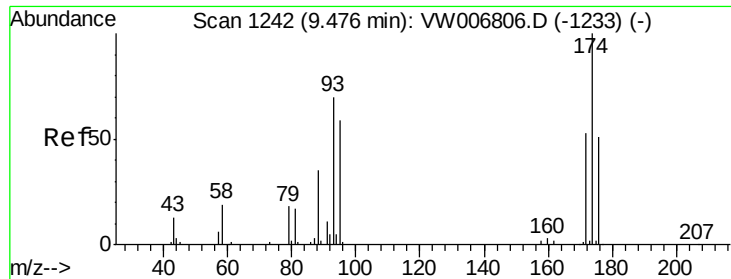
Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Tgt Ion:	41	Resp:	215962
Ion	Ratio	Lower	Upper
41	100		
69	101.7	79.8	119.6
39	58.7	45.9	68.9





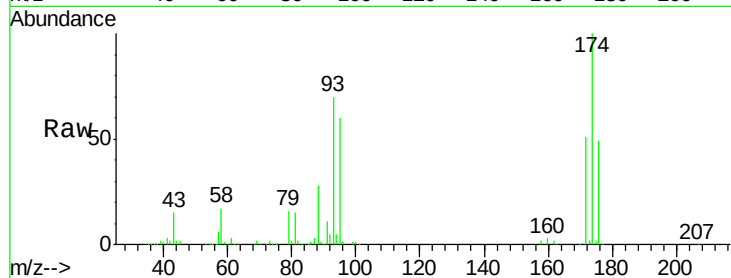
#49
1,4-Dioxane
Concen: 3005.016 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	69404		
43	0.0	0.0	0.0	0.0
58	62.6	50.6	75.8	

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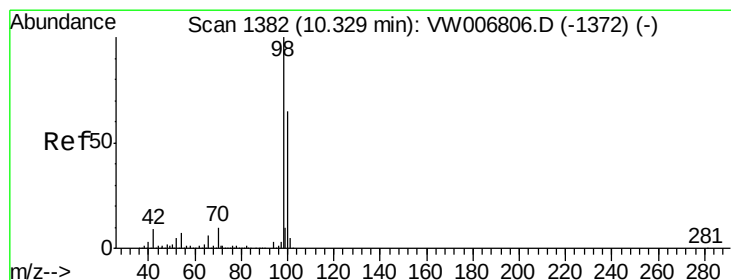
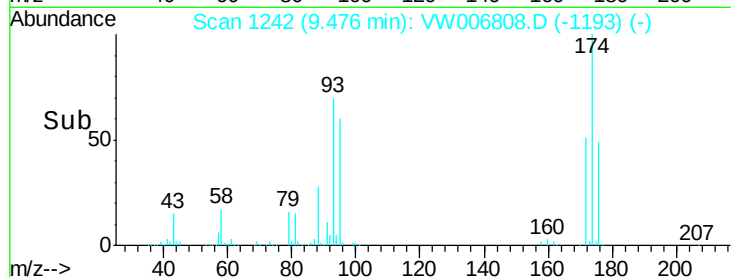
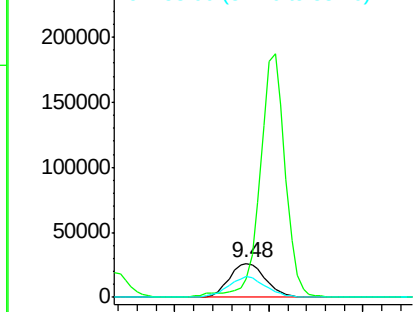


Abundance

Ion 88.00 (87.70 to 88.70): VW

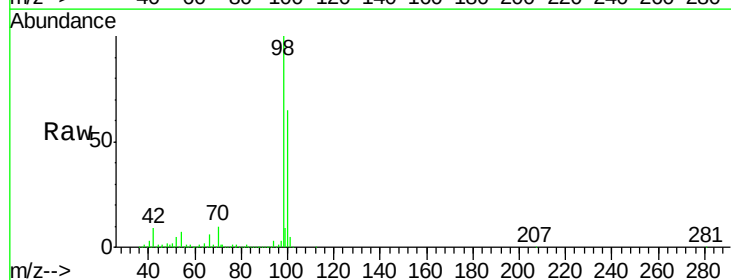
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 144.268 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

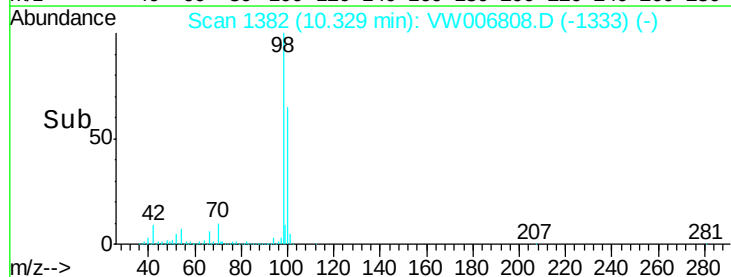
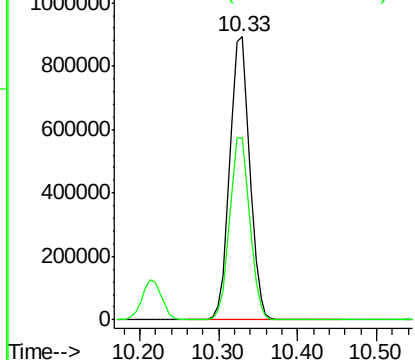
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1577980		
100	64.9	51.4	77.2	

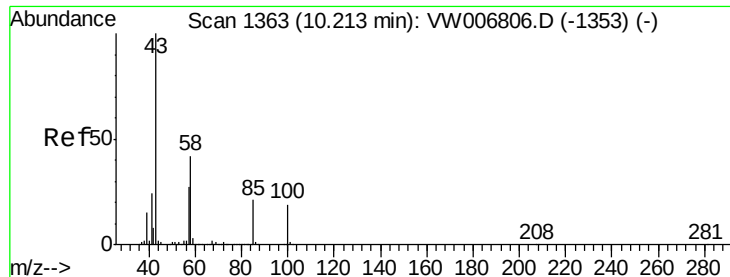


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





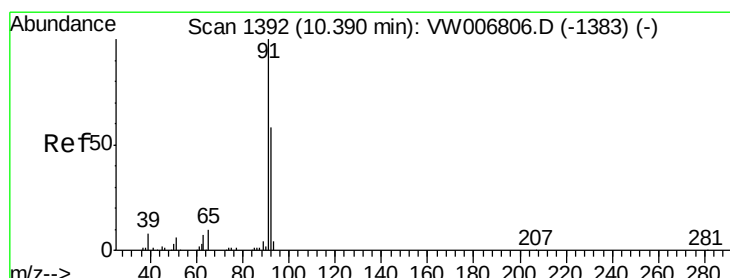
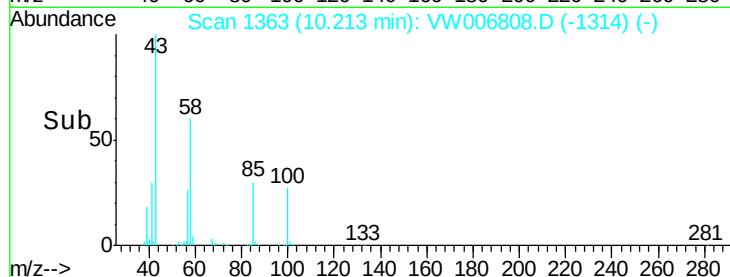
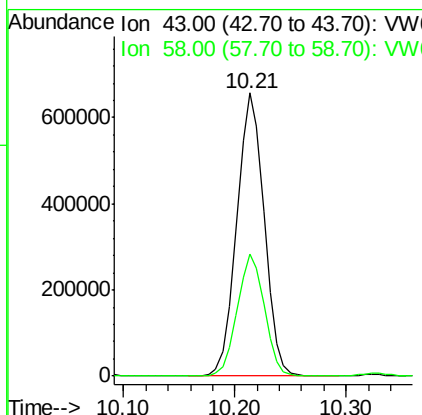
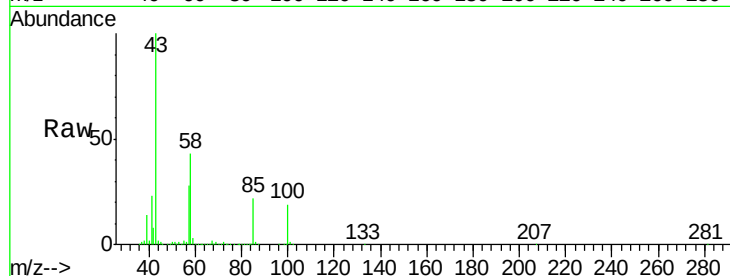
#51
 4-Methyl-2-Pentanone
 Concen: 787.660 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 1116251
 Ion Ratio Lower Upper
 43 100
 58 42.8 34.0 51.0

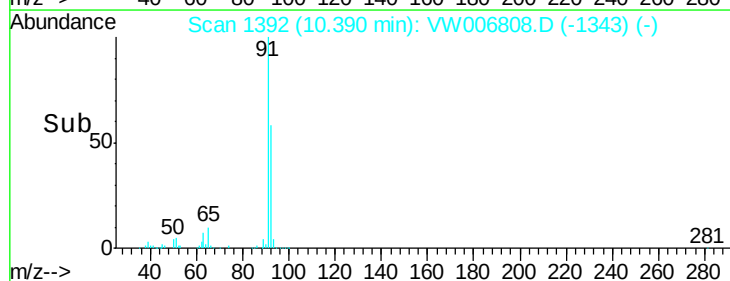
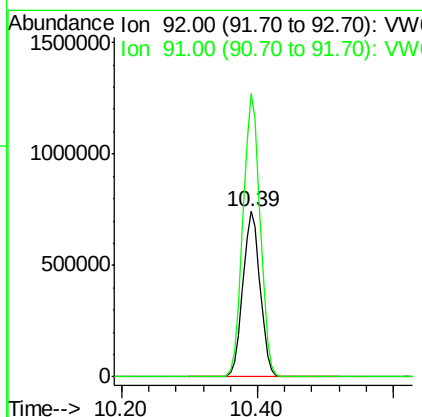
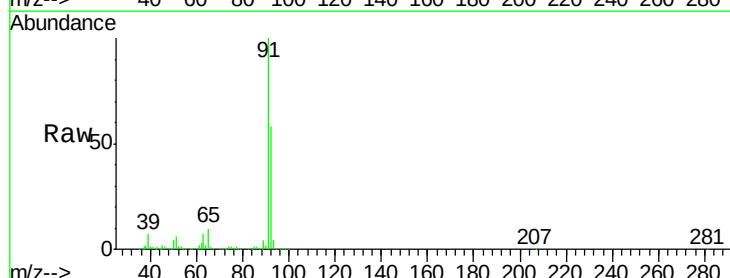
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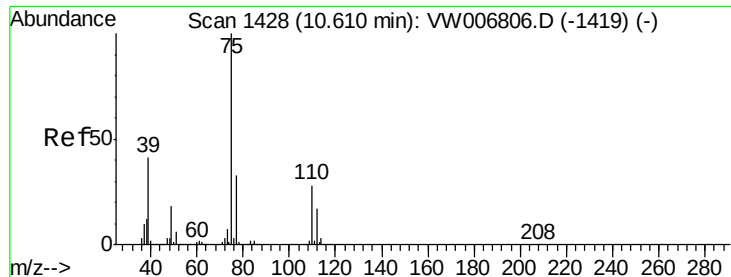
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#52
 Toluene
 Concen: 157.026 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion: 92 Resp: 1291638
 Ion Ratio Lower Upper
 92 100
 91 171.5 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 169.199 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 614180

Ion Ratio Lower Upper

75 100

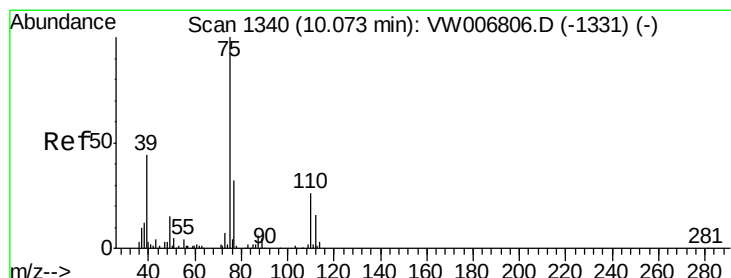
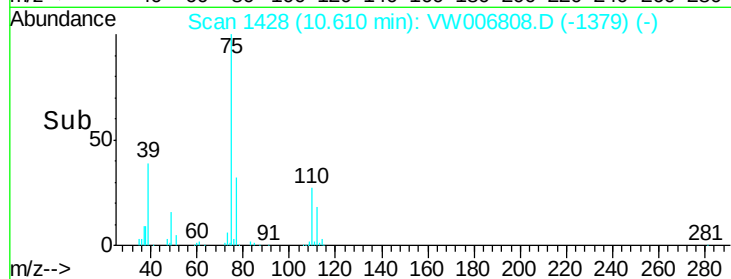
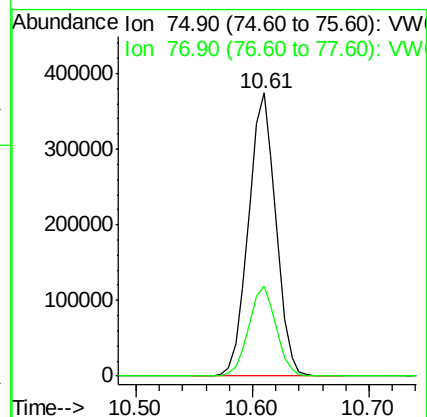
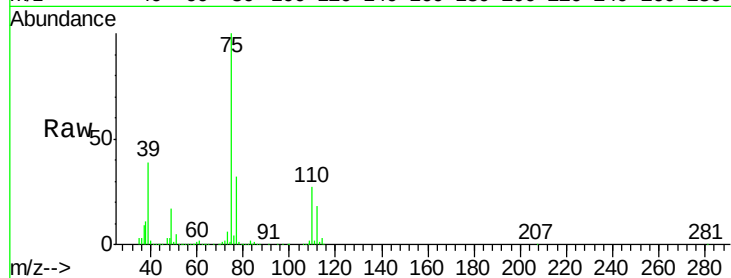
77 32.0 26.3 39.5

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#54

cis-1,3-Dichloropropene

Concen: 163.305 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

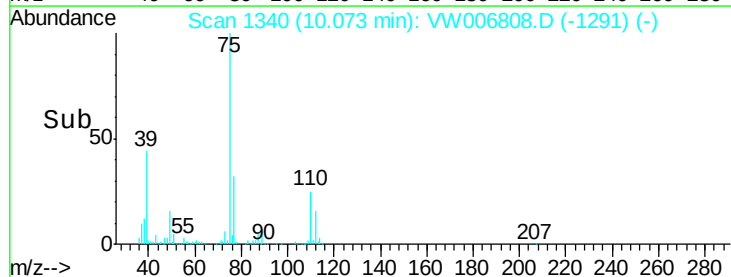
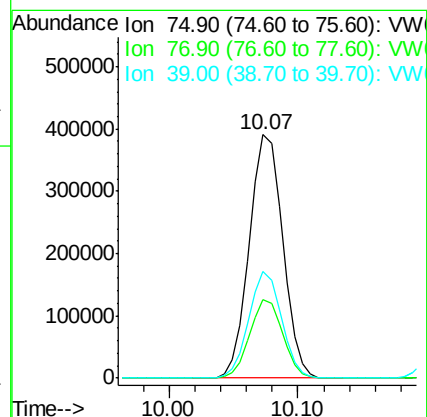
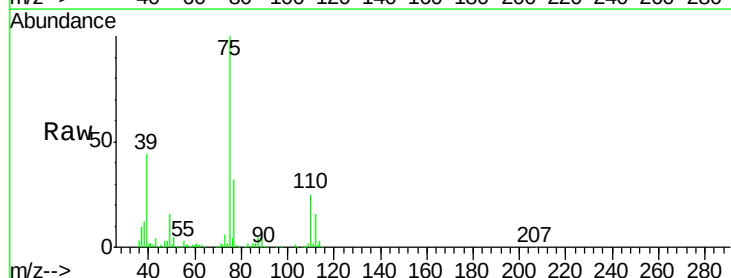
Tgt Ion: 75 Resp: 702822

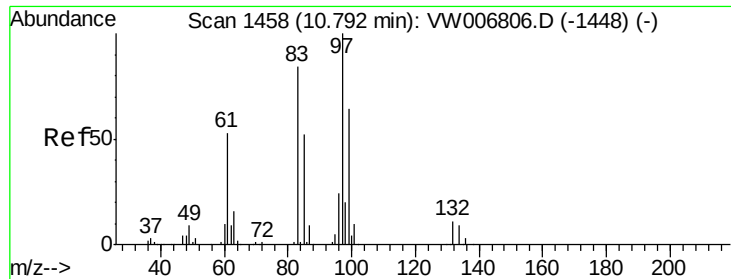
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 44.0 35.3 52.9





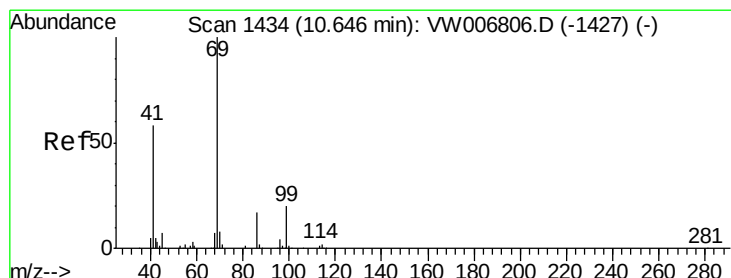
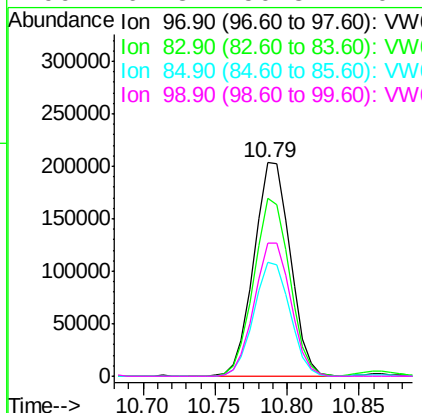
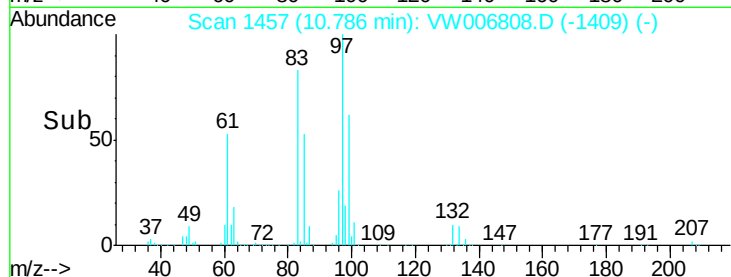
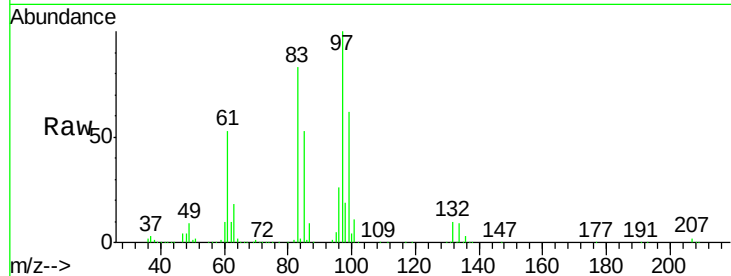
#55
 1,1,2-Trichloroethane
 Concen: 156.866 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	356507		
83	83.1	67.0	100.4	
85	53.1	41.7	62.5	
99	62.3	50.8	76.2	

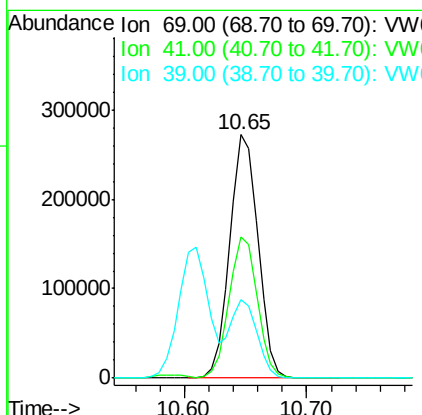
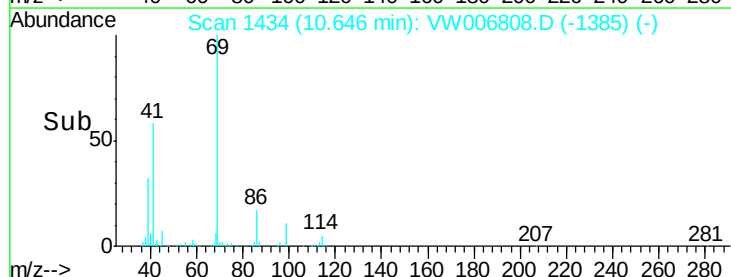
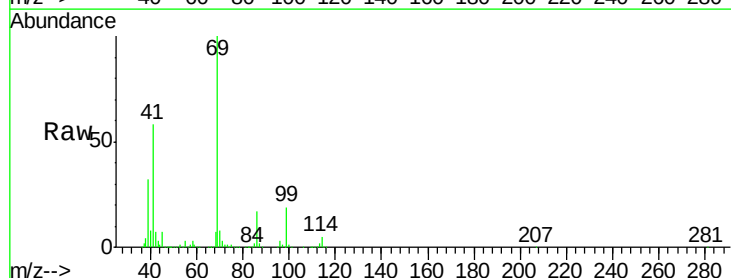
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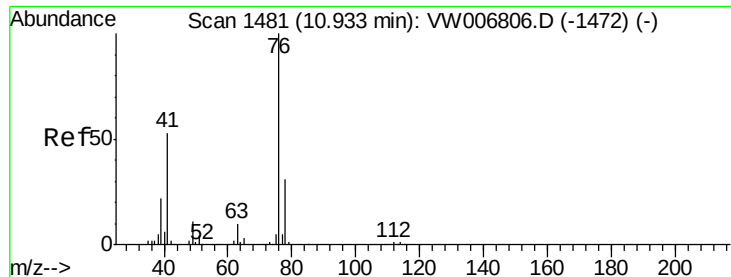
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#56
 Ethyl methacrylate
 Concen: 172.609 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	433187		
41	57.9	47.0	70.4	
39	31.2	23.1	34.7	





#57

1,3-Dichloropropane

Concen: 155.065 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 563369

Ion Ratio Lower Upper

76 100

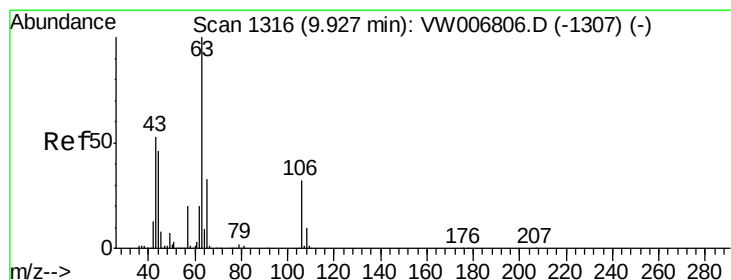
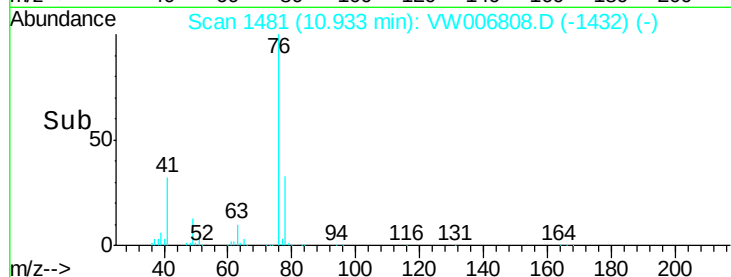
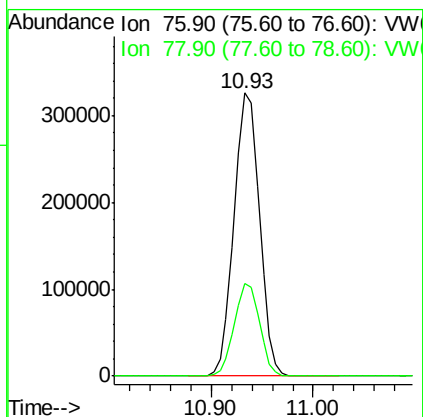
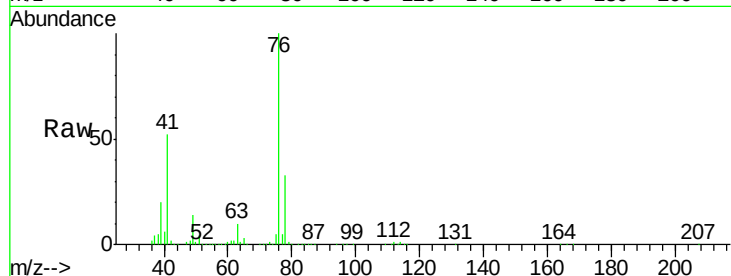
78 32.6 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 810.740 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006808.D

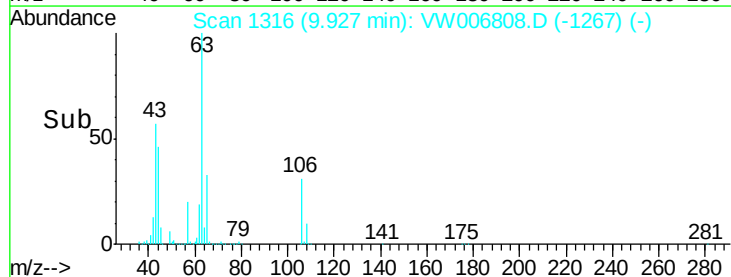
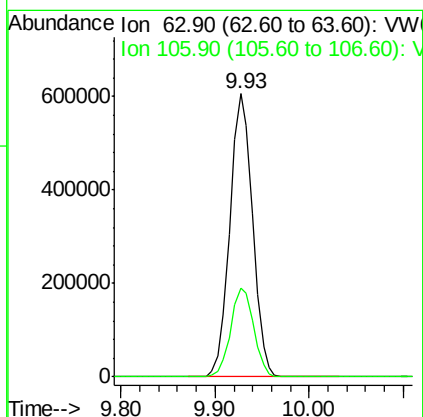
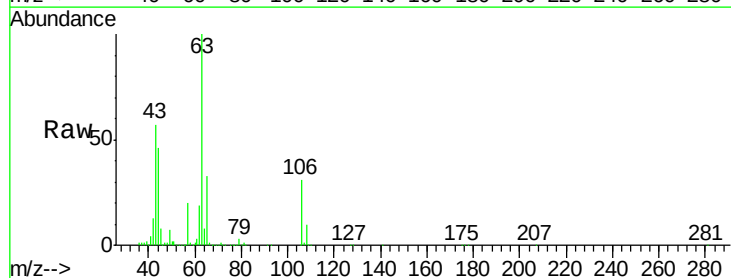
Acq: 12 Nov 2018 14:32

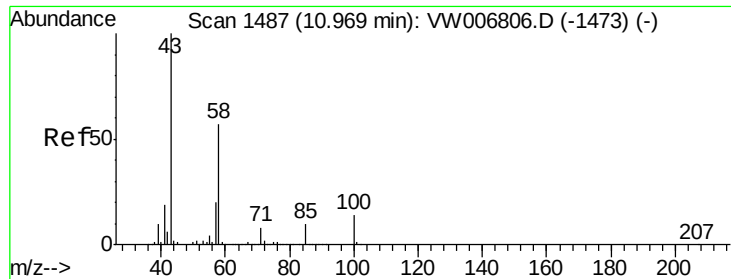
Tgt Ion: 63 Resp: 1013284

Ion Ratio Lower Upper

63 100

106 31.8 25.4 38.0





#59

2-Hexanone

Concen: 797.191 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 765645

Ion Ratio Lower Upper

43 100

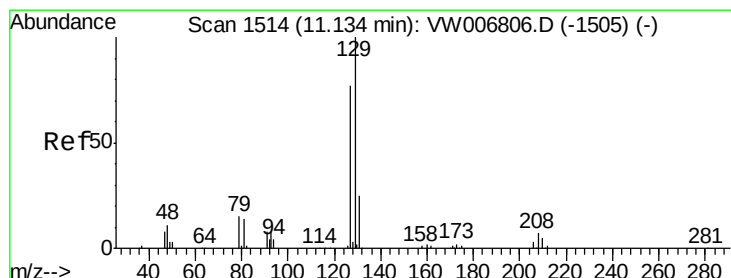
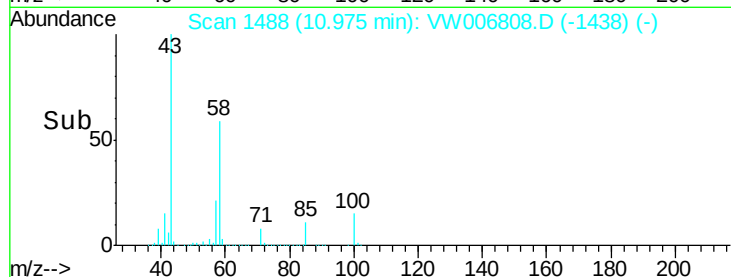
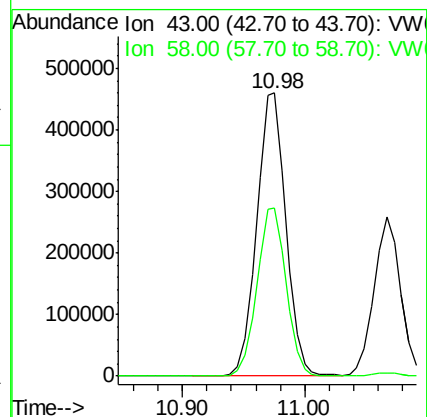
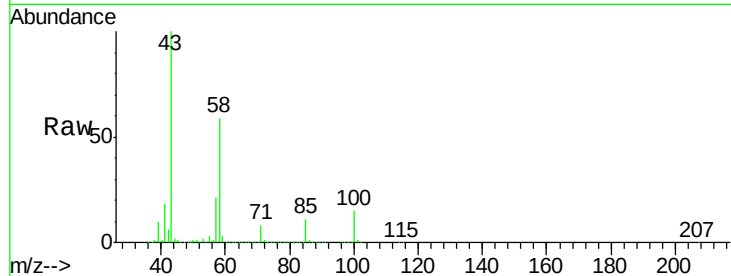
58 59.2 28.7 86.1

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#60

Dibromochloromethane

Concen: 166.929 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW006808.D

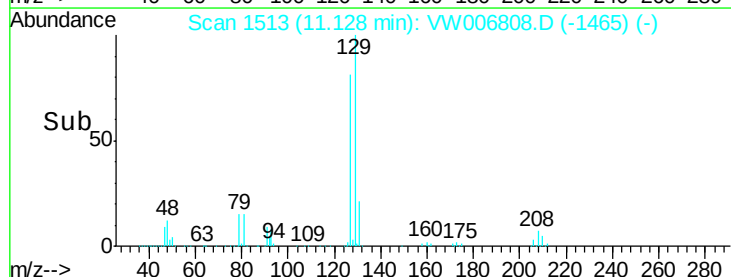
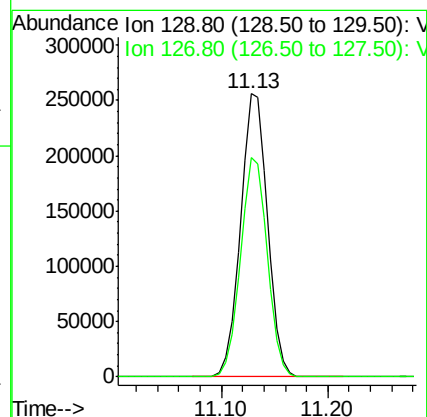
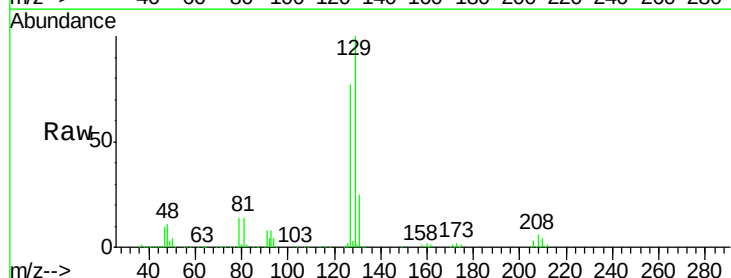
Acq: 12 Nov 2018 14:32

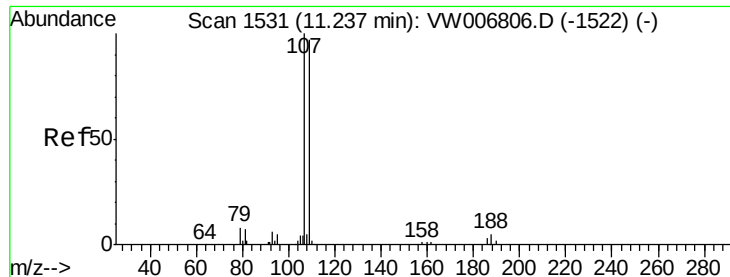
Tgt Ion: 129 Resp: 456020

Ion Ratio Lower Upper

129 100

127 77.0 38.7 116.1





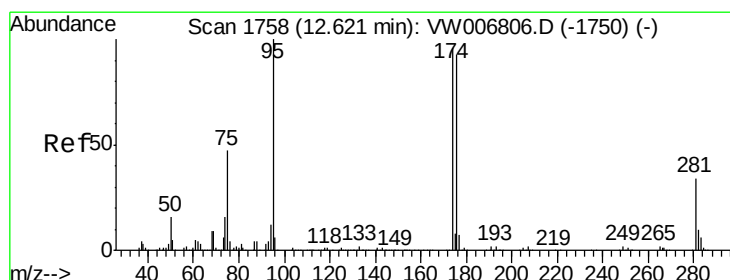
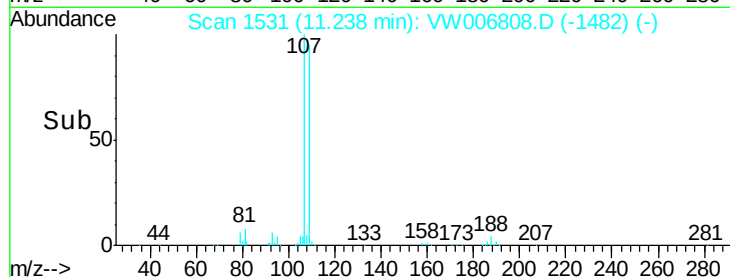
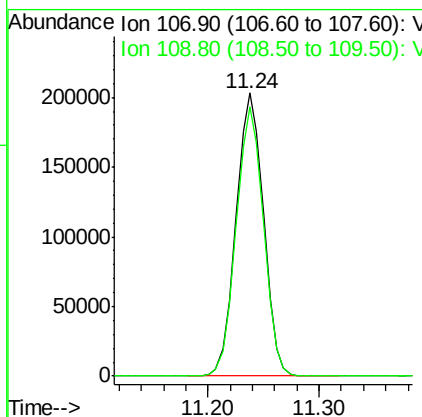
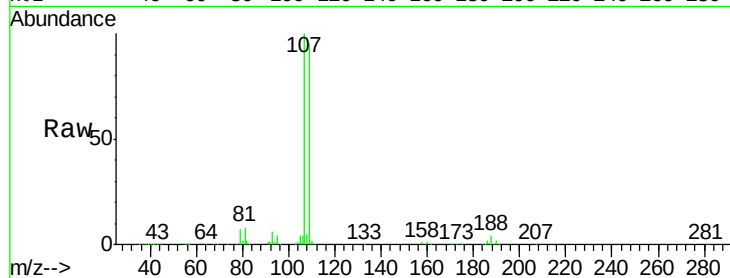
#61
 1,2-Dibromoethane
 Concen: 158.448 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 107 Resp: 346454
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.7 115.1

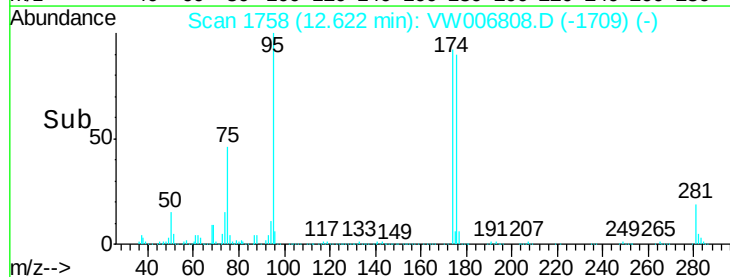
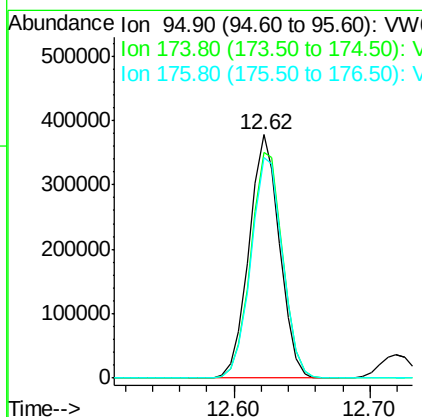
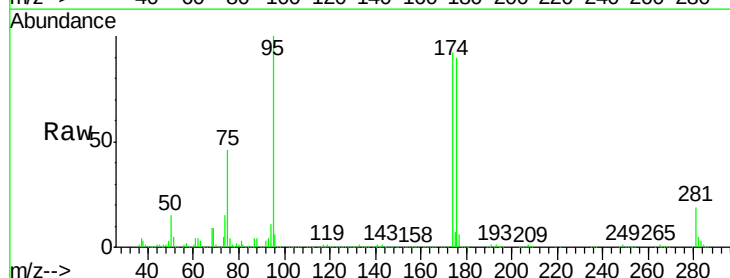
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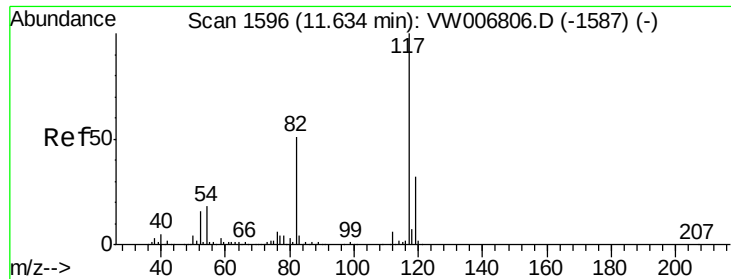
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#62
 4-Bromofluorobenzene
 Concen: 149.376 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion: 95 Resp: 595040
 Ion Ratio Lower Upper
 95 100
 174 96.2 0.0 196.6
 176 93.8 0.0 191.6





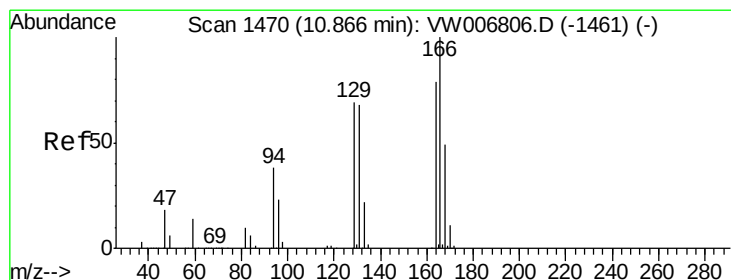
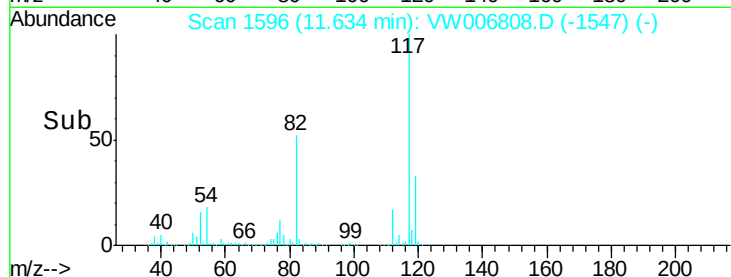
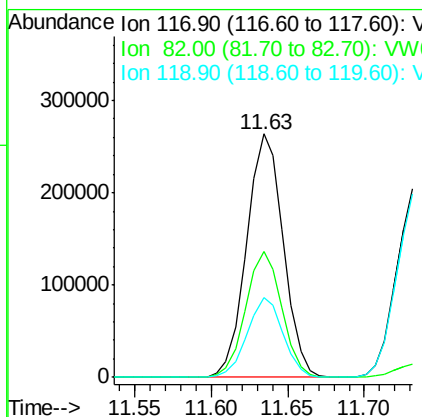
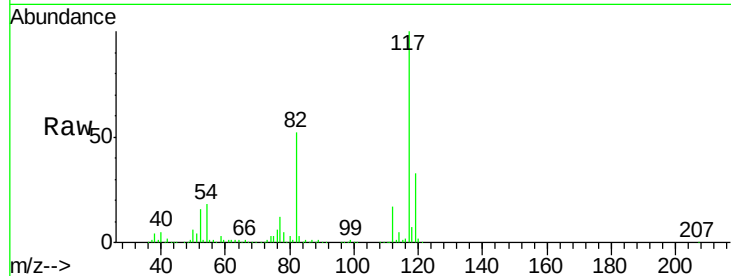
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	439445		
82	51.7	40.6	61.0	
119	32.6	25.5	38.3	

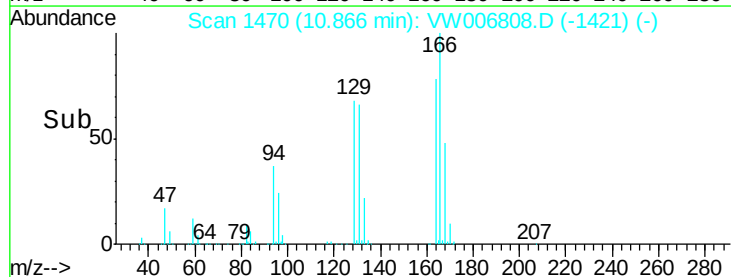
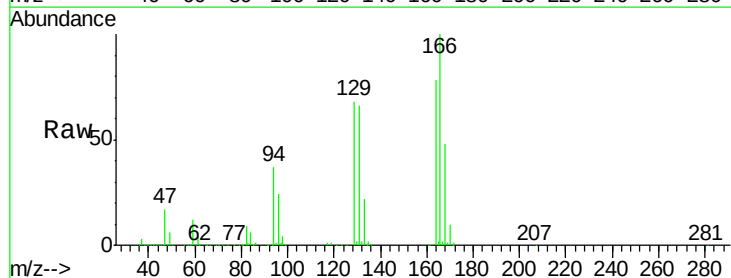
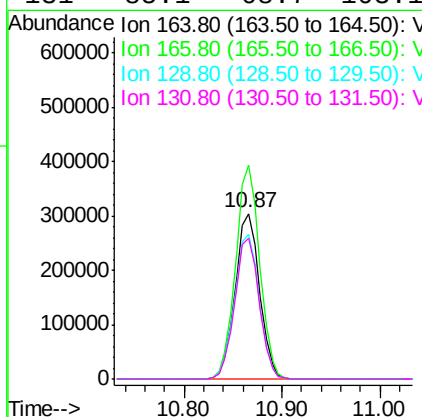
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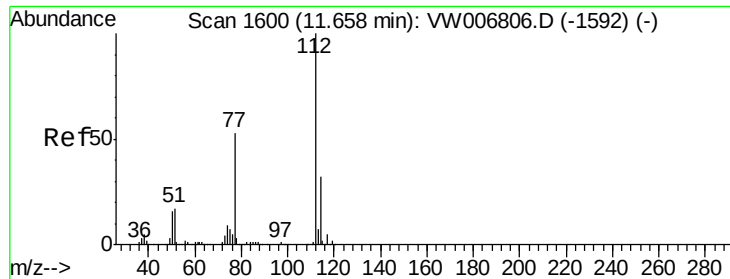
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#64
Tetrachloroethene
Concen: 156.141 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	523970		
166	129.0	101.3	151.9	
129	87.4	69.6	104.4	
131	85.1	68.7	103.1	





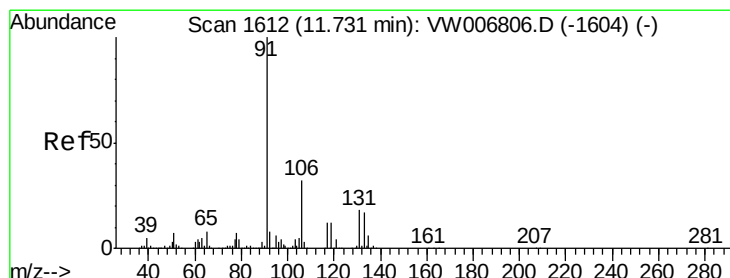
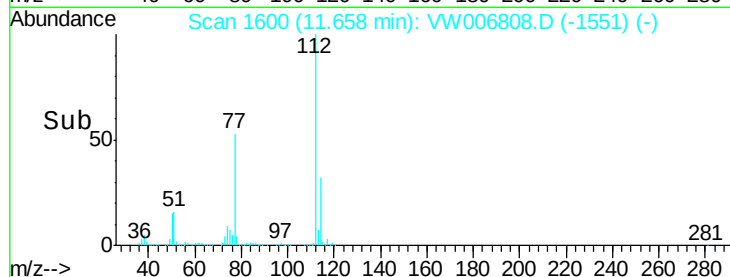
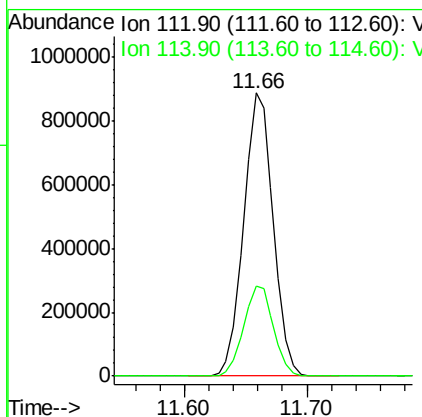
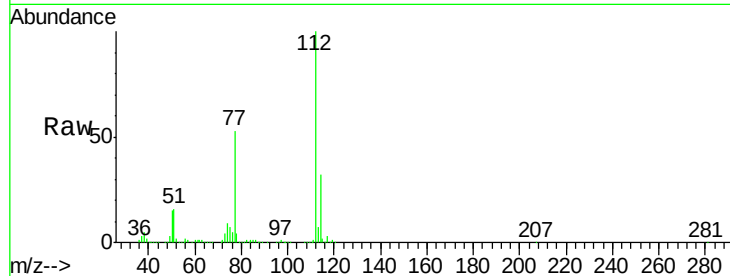
#65
Chlorobenzene
Concen: 158.340 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 1481087
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

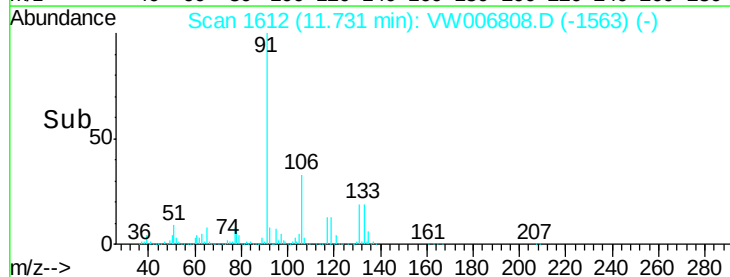
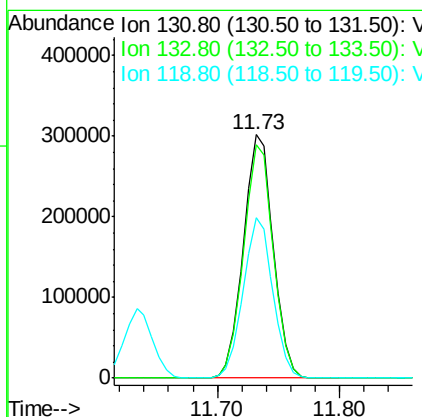
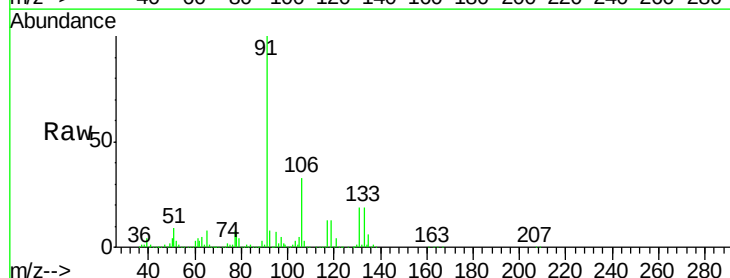
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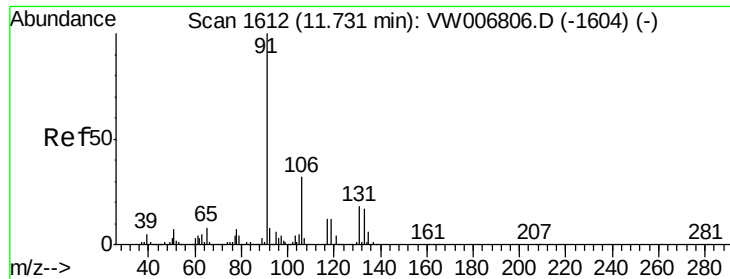
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#66
1,1,1,2-Tetrachloroethane
Concen: 170.674 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion:131 Resp: 511421
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.8
119 65.1 32.4 97.2





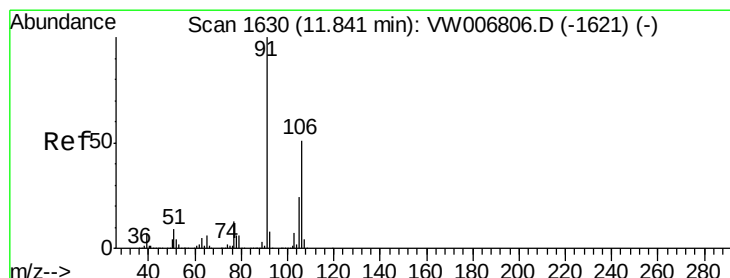
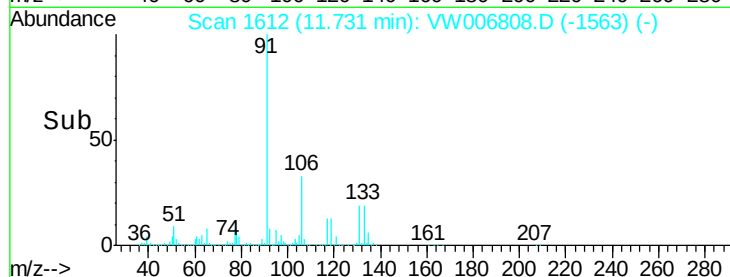
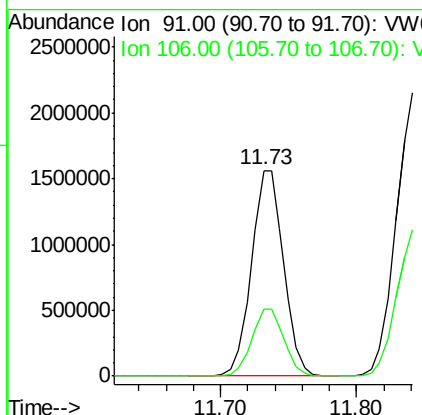
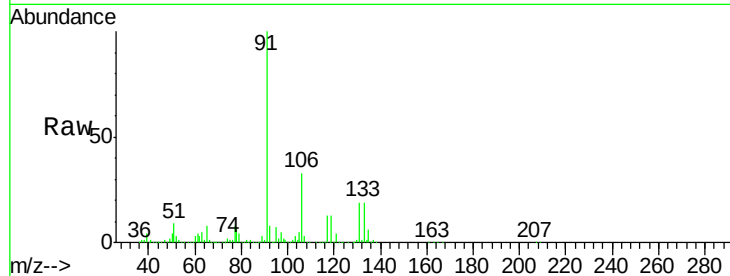
#67
Ethyl Benzene
Concen: 163.726 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2576349
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.0

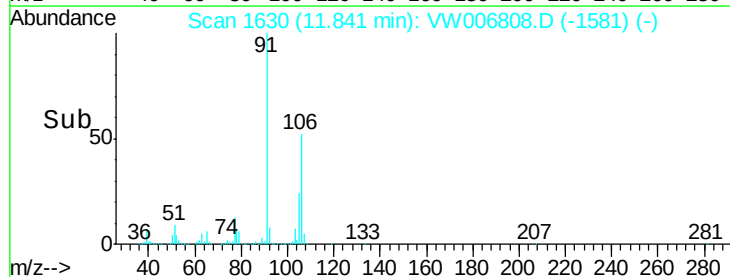
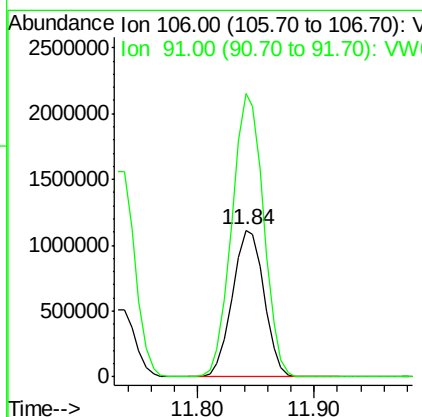
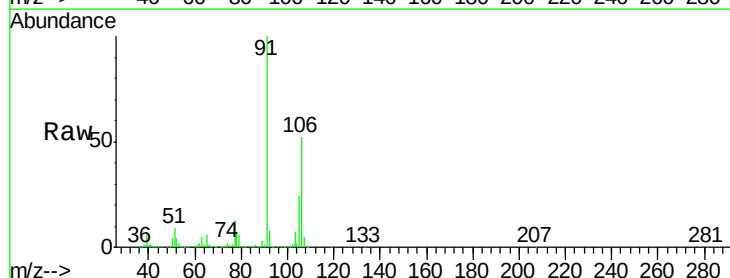
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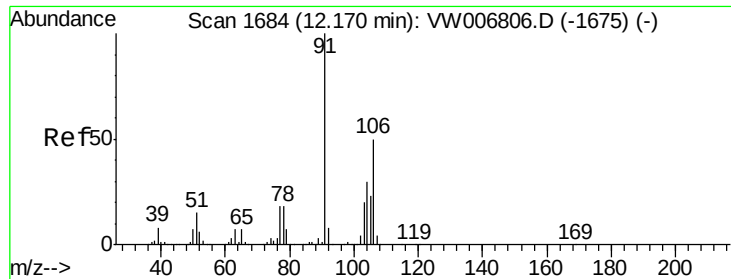
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#68
m/p-Xylenes
Concen: 329.360 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion: 106 Resp: 2113983
Ion Ratio Lower Upper
106 100
91 192.5 155.7 233.5





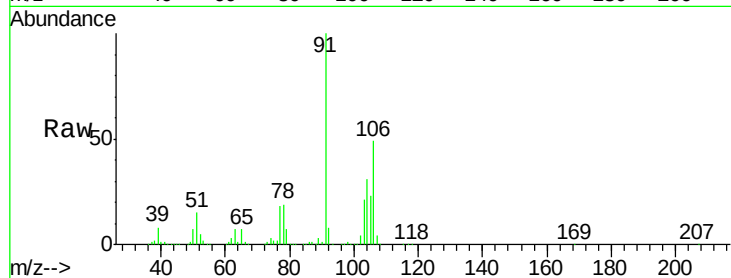
#69
o-Xylene
Concen: 168.726 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

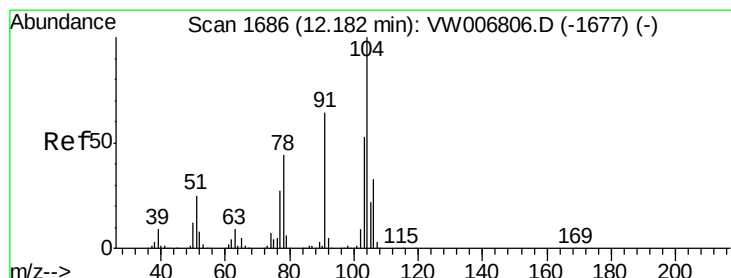
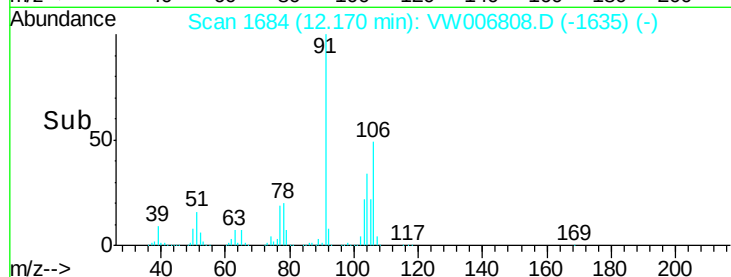
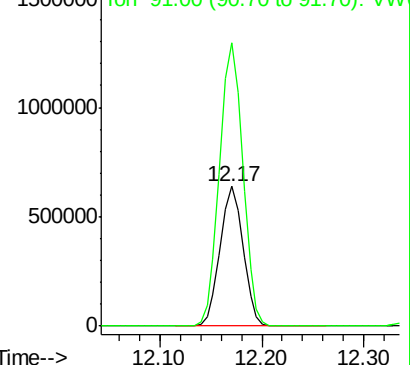
Tgt Ion:106 Resp: 997008
Ion Ratio Lower Upper
106 100
91 205.3 101.9 305.7

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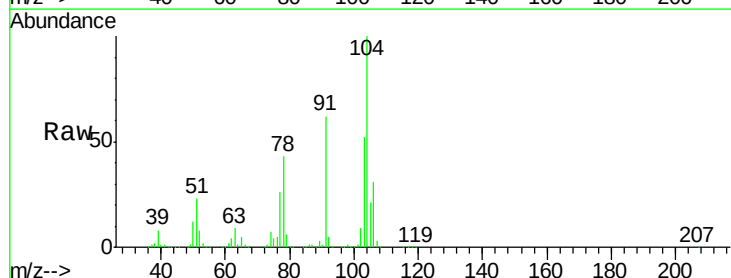


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

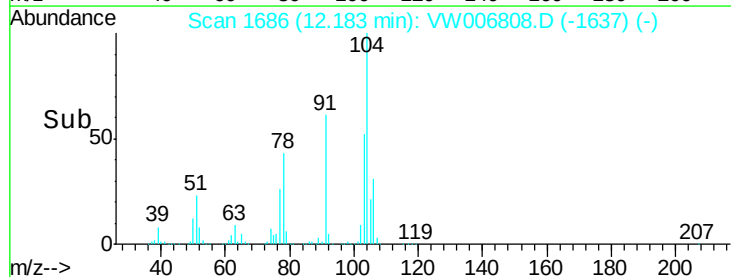
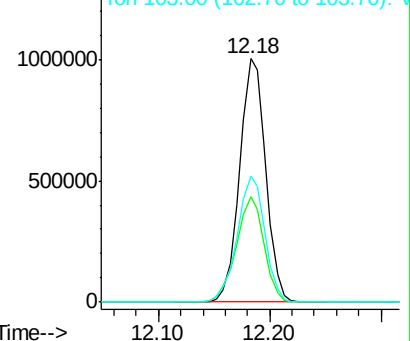


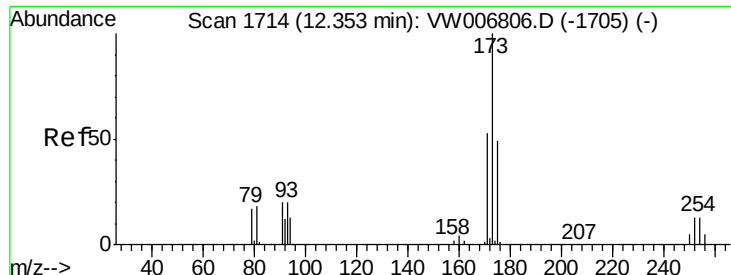
#70
Styrene
Concen: 169.928 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion:104 Resp: 1632086
Ion Ratio Lower Upper
104 100
78 46.0 37.3 55.9
103 55.1 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 180.278 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

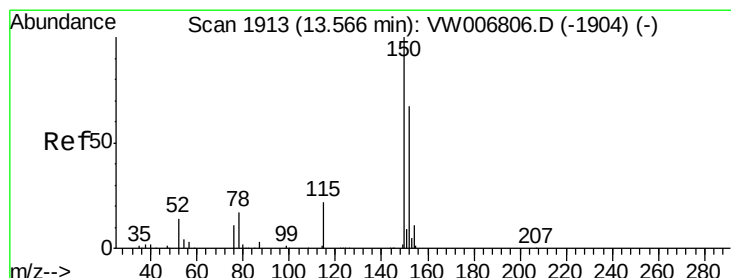
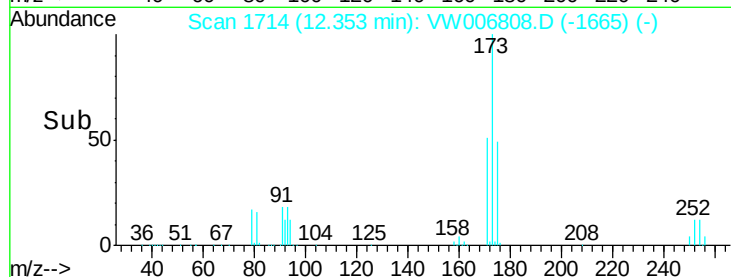
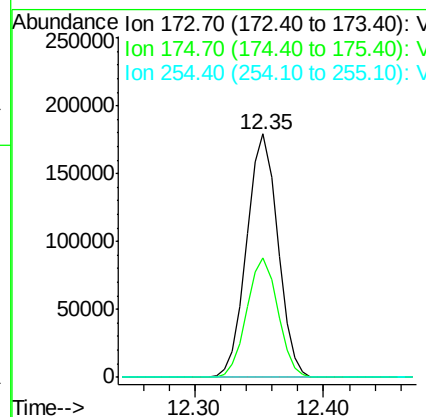
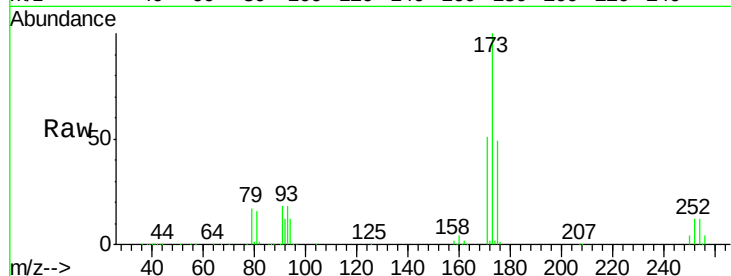
ClientSampleId :

VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	299235		
175	48.9	24.4	73.4	
254	0.2	0.1	0.1#	

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

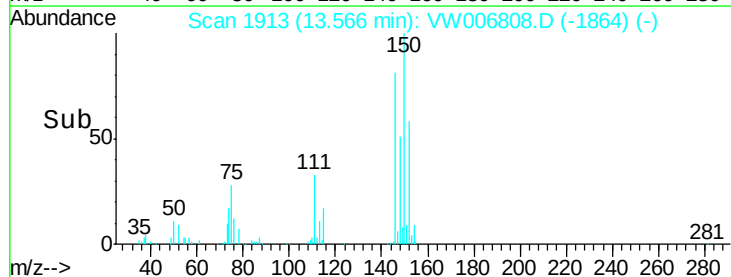
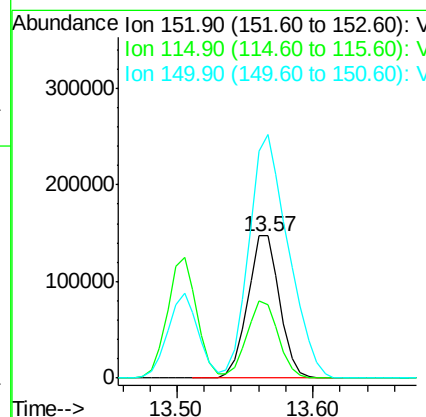
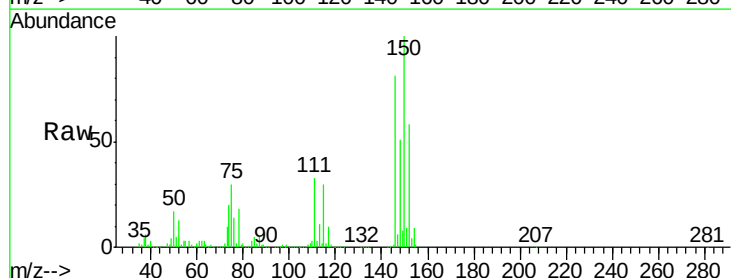
RT: 13.57 min Scan# 1913

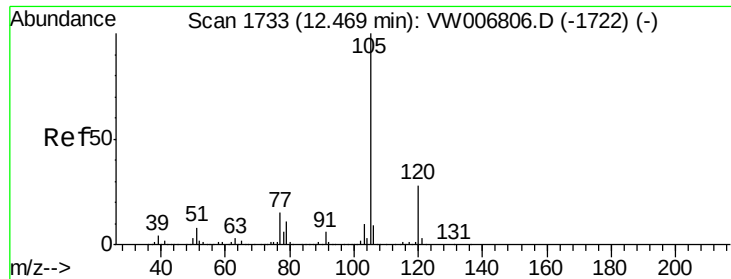
Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	241604		
115	52.9	27.3	81.8	
150	210.7	0.0	353.0	





#73

Isopropylbenzene

Concen: 174.171 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 105 Resp: 2707461

Ion Ratio Lower Upper

105 100

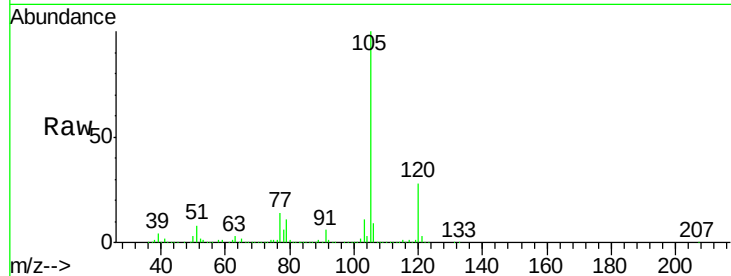
120 27.7 14.0 42.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

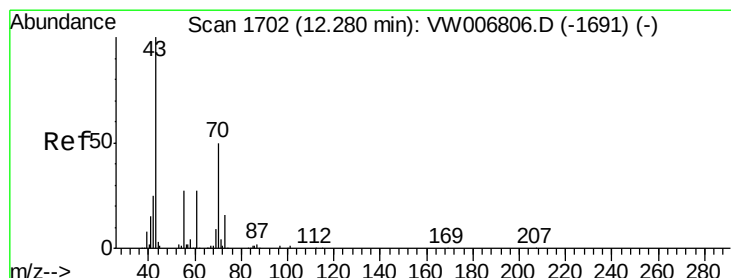
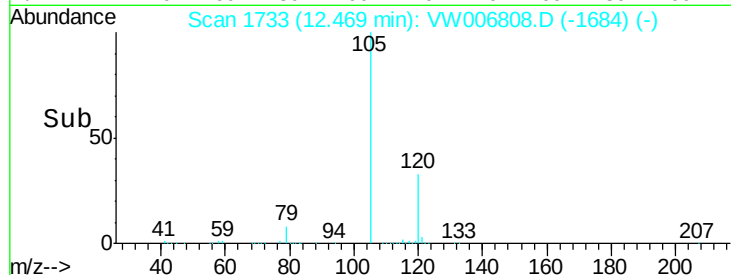
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 173.336 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Tgt Ion: 43 Resp: 439193

Ion Ratio Lower Upper

43 100

70 48.8 39.0 58.4

55 26.1 22.1 33.1

61 27.0 21.1 31.7

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

400000

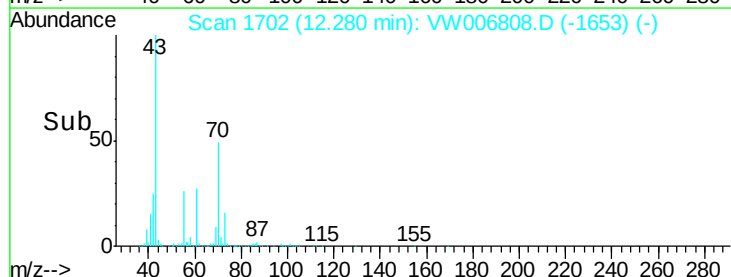
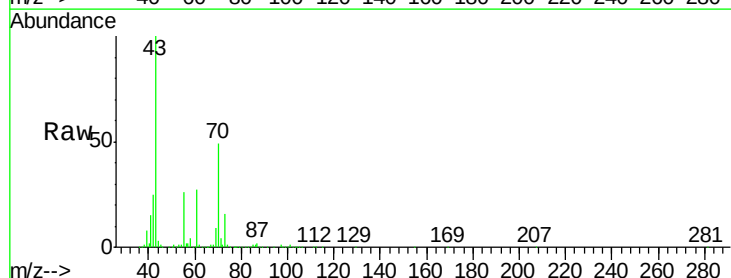
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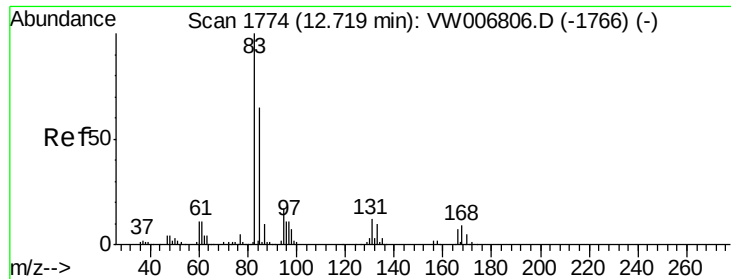
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 163.276 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 378131
Ion Ratio Lower Upper

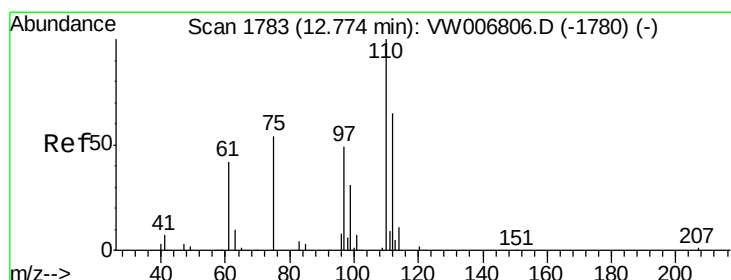
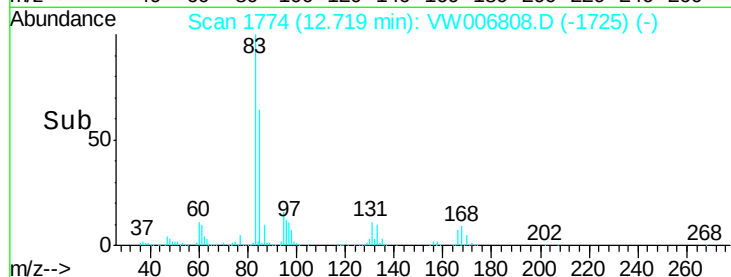
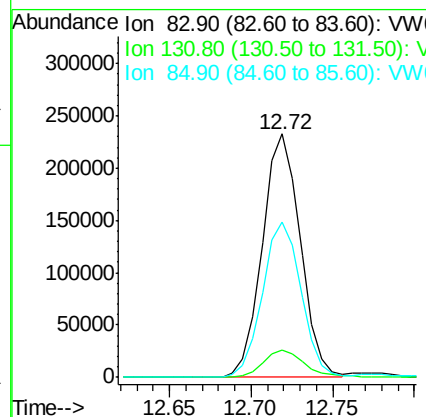
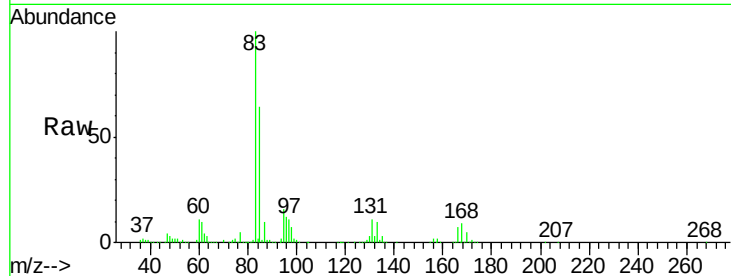
83 100

131 12.0 6.1 18.3

85 64.9 32.4 97.0

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#76

1,2,3-Trichloropropane

Concen: 156.449 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

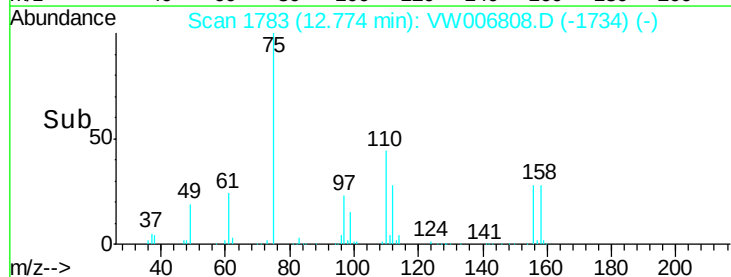
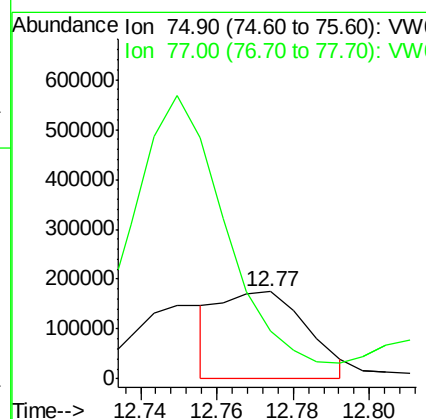
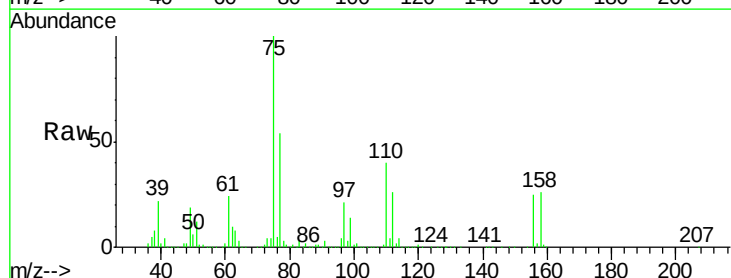
Lab File: VW006808.D

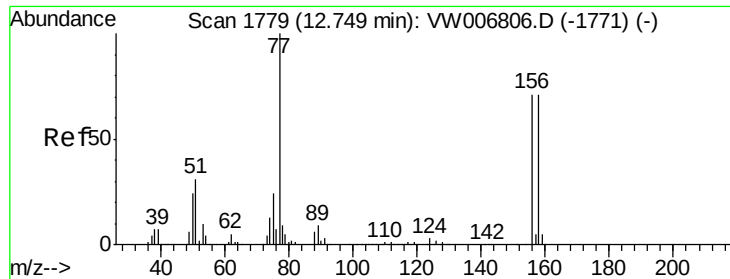
Acq: 12 Nov 2018 14:32

Tgt Ion: 75 Resp: 275648
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 165.270 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

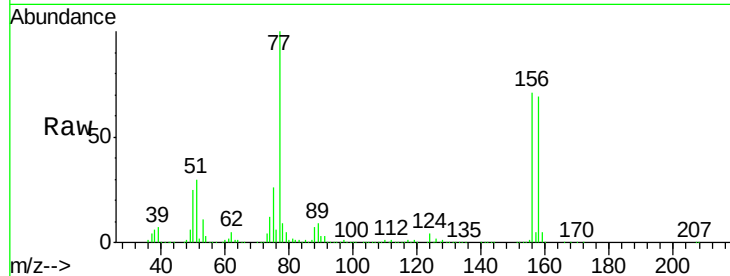
ClientSampleId :

VSTDIC150

Tgt Ion	Ratio	Lower	Upper
156	100		
77	152.0	75.3	225.7
158	97.6	49.2	147.6

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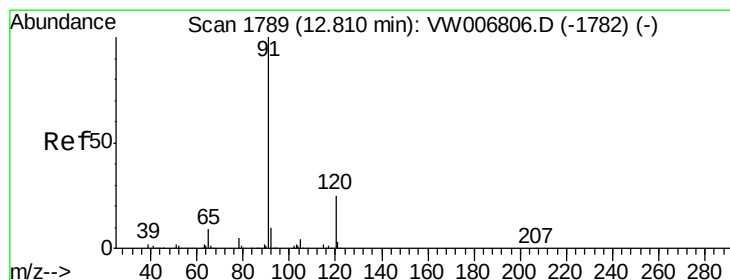
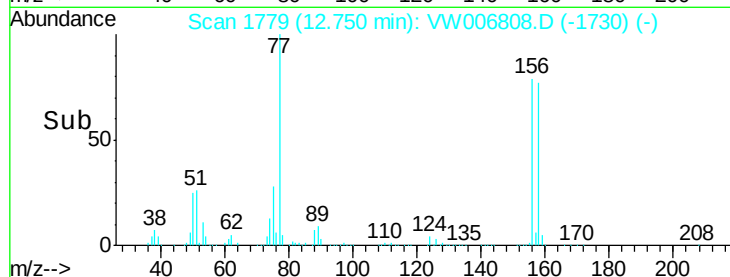
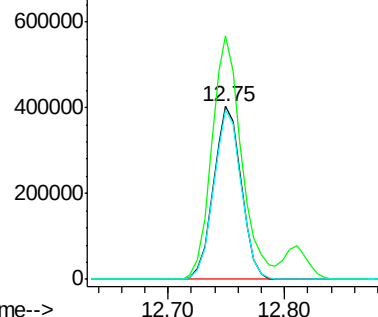
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 169.448 ug/l

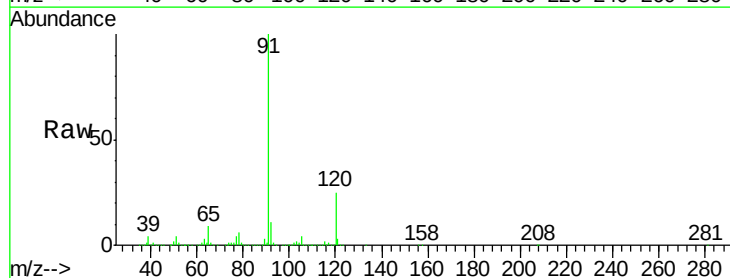
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006808.D

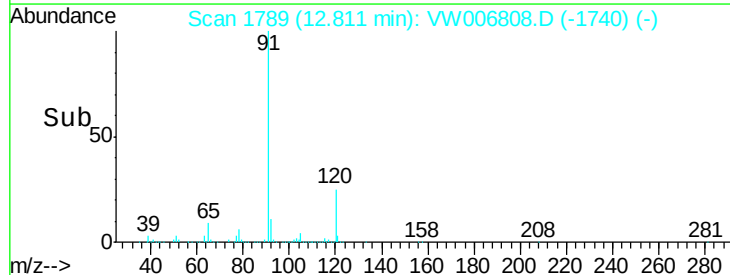
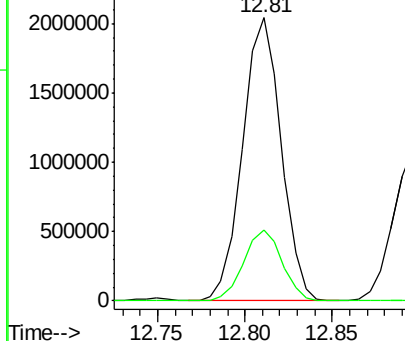
Acq: 12 Nov 2018 14:32

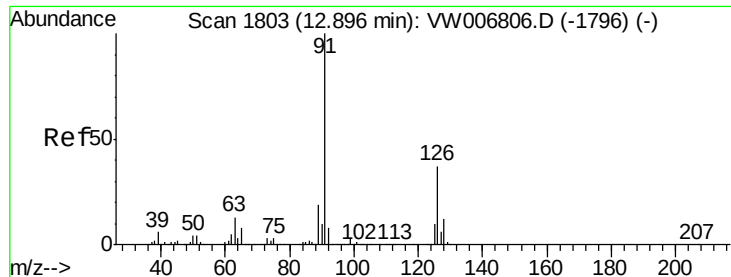
Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.4	37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 167.749 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1745451

Ion Ratio Lower Upper

91 100

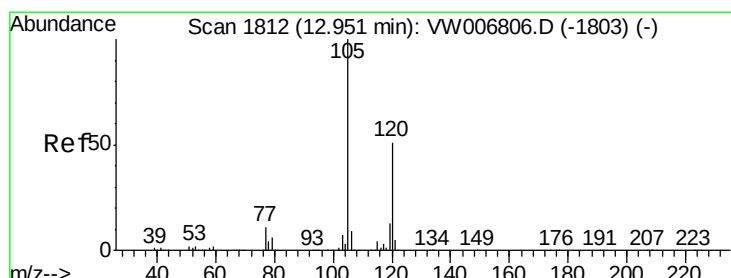
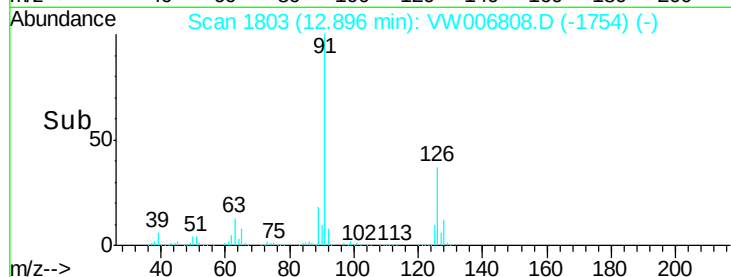
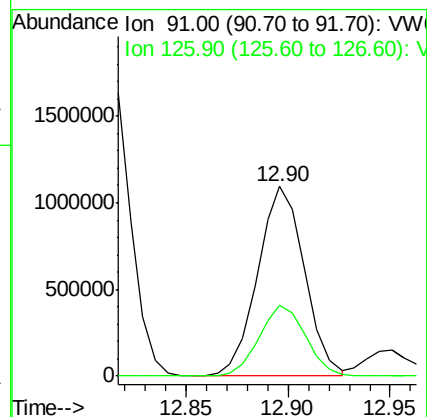
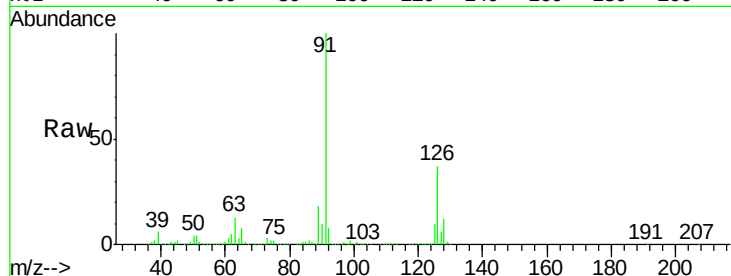
126 37.2 18.5 55.5

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#80

1,3,5-Trimethylbenzene

Concen: 168.317 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006808.D

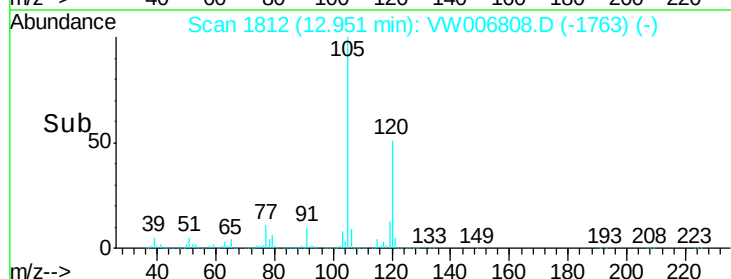
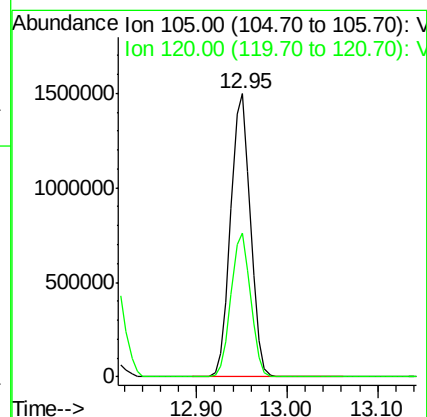
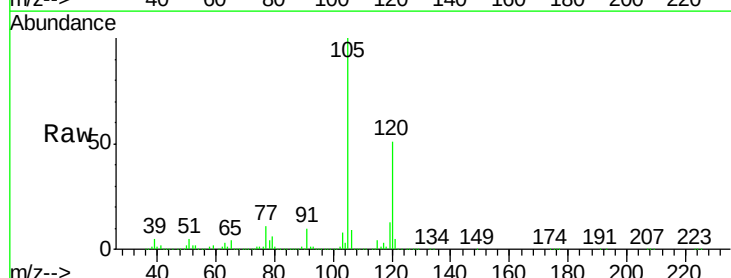
Acq: 12 Nov 2018 14:32

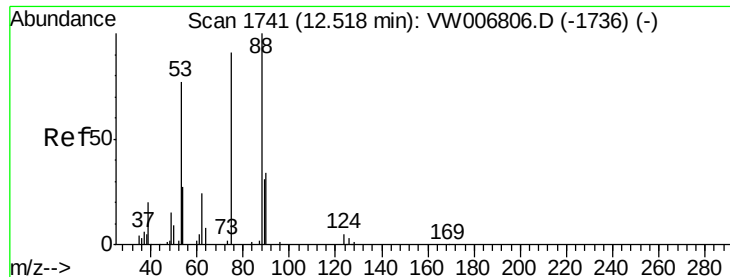
Tgt Ion: 105 Resp: 2267019

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.9





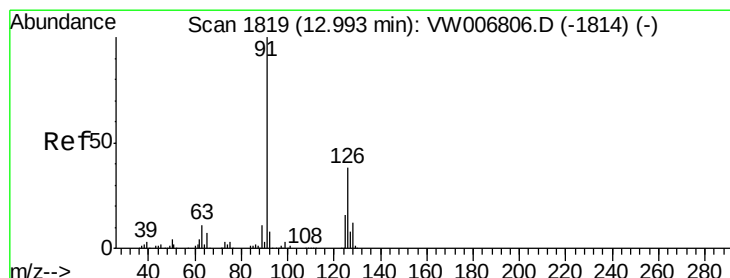
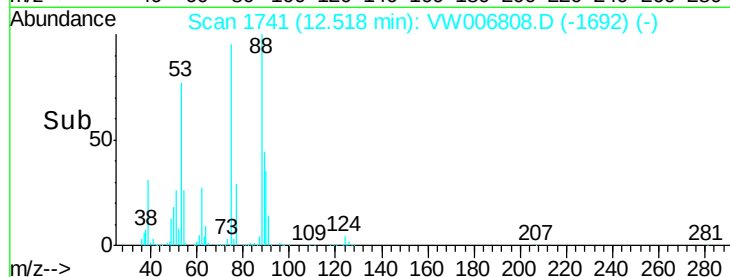
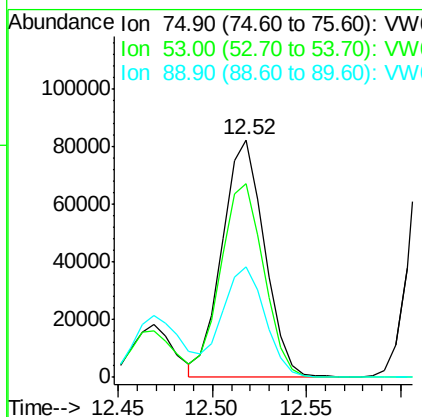
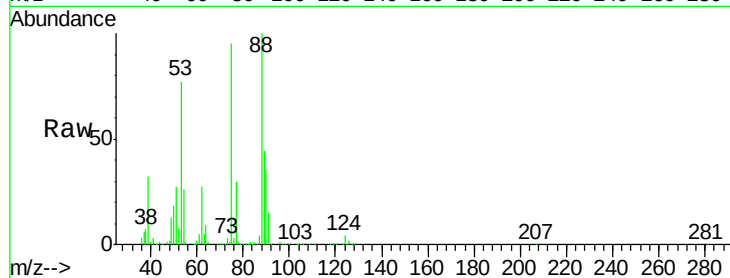
#81
trans-1,4-Dichloro-2-butene
Concen: 192.696 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.1	72.9	109.3
89	47.2	38.7	58.1

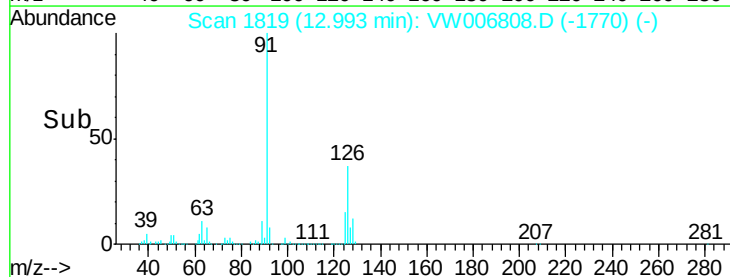
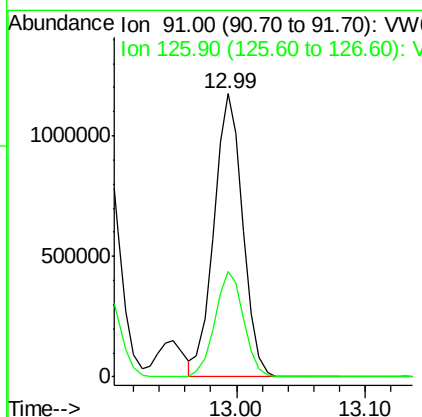
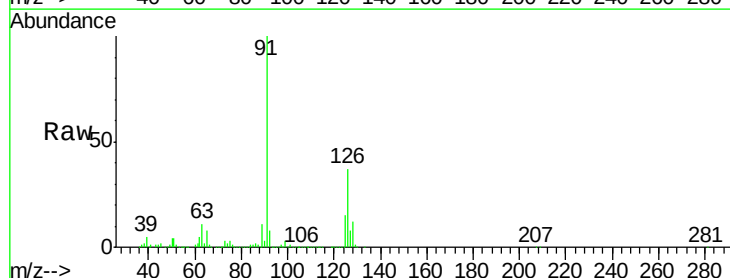
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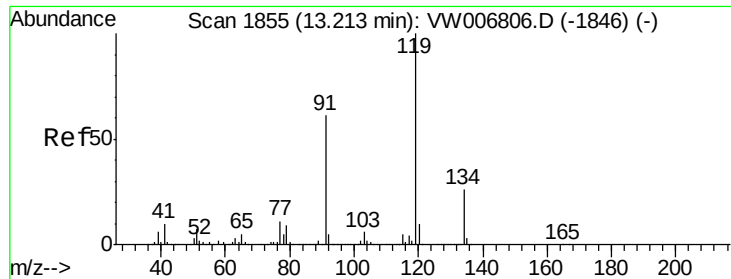
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#82
4-Chlorotoluene
Concen: 165.066 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.4	55.2





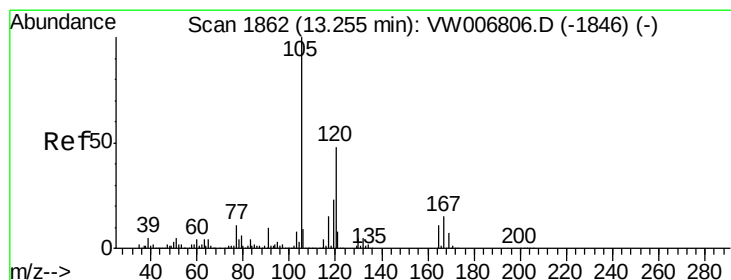
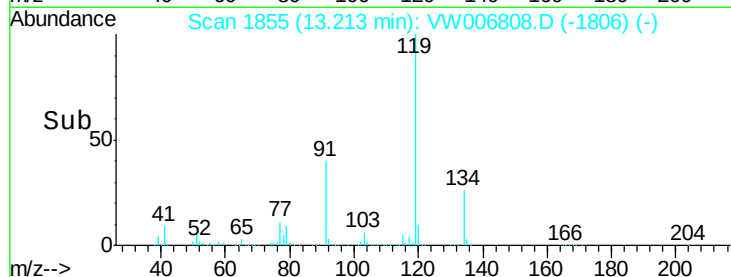
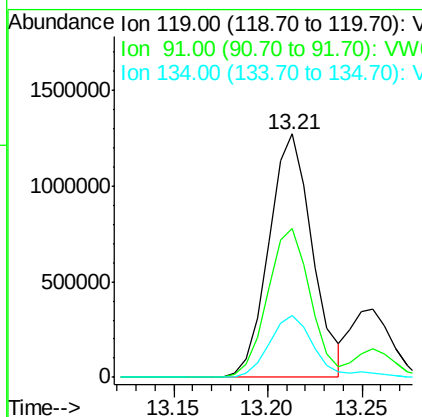
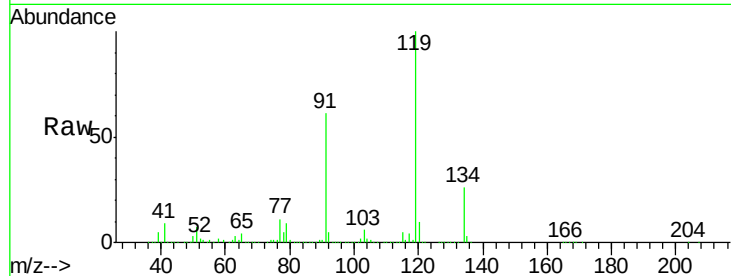
#83
 tert-Butylbenzene
 Concen: 174.740 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 2033634
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.0 90.1
 134 26.7 13.4 40.2

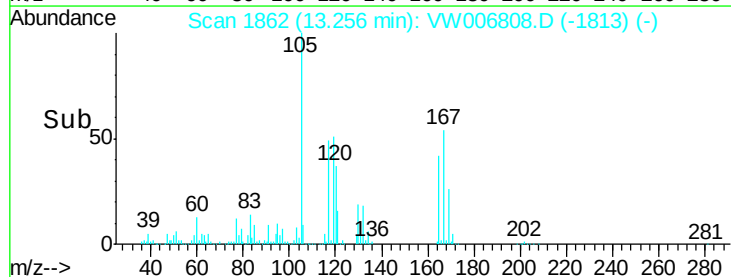
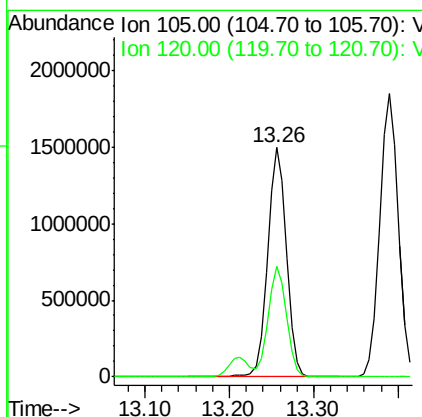
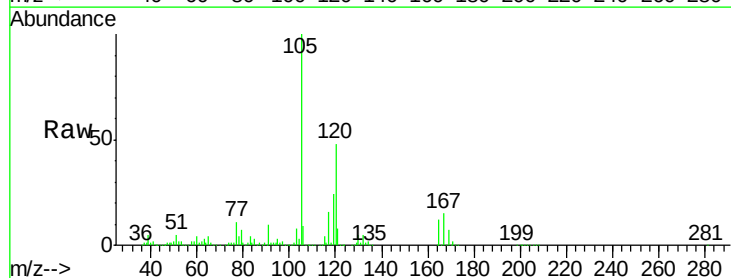
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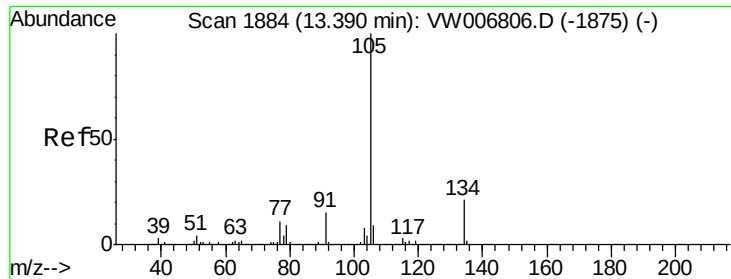
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#84
 1,2,4-Trimethylbenzene
 Concen: 165.932 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion:105 Resp: 2289773
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.0





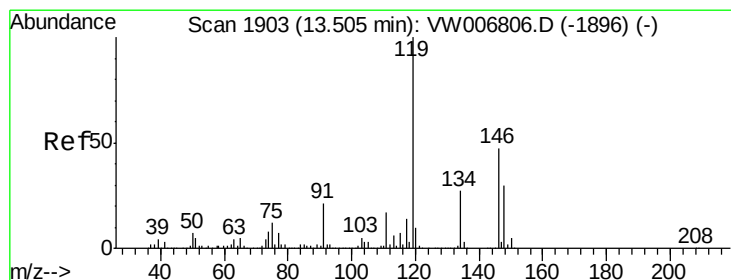
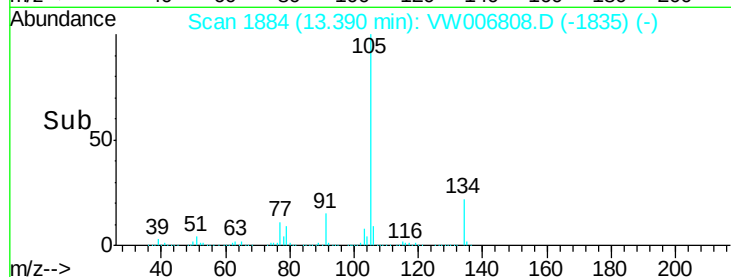
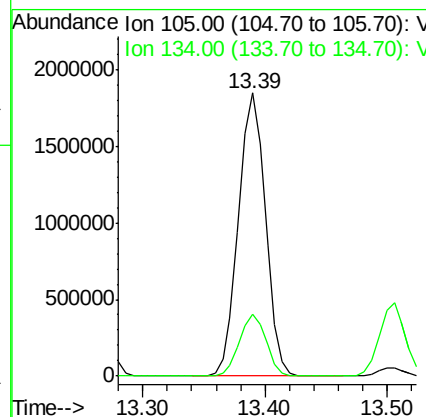
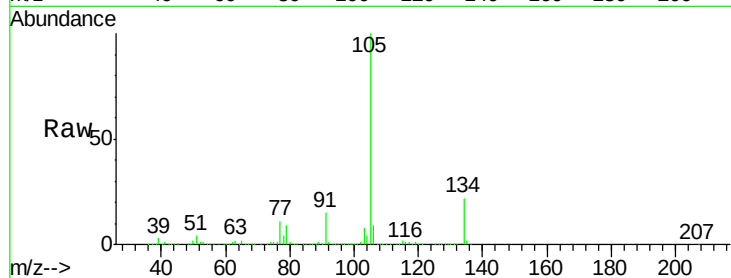
#85
 sec-Butylbenzene
 Concen: 168.927 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 2813759
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.7 31.9

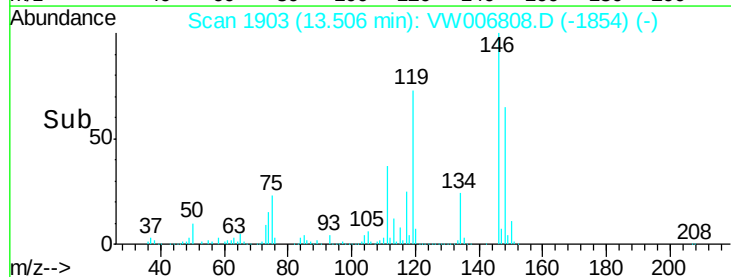
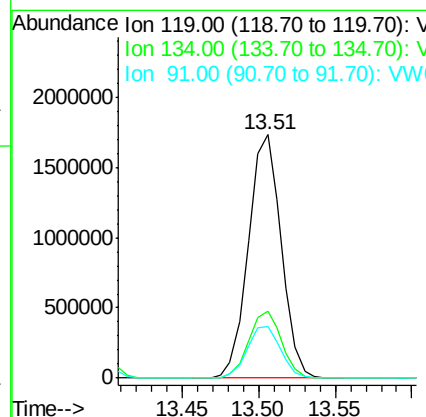
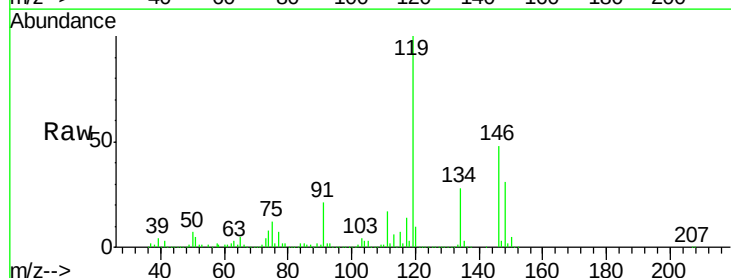
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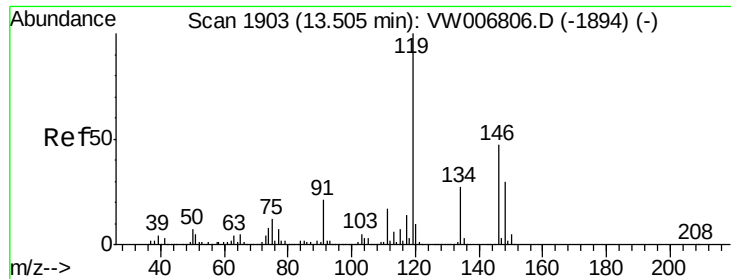
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#86
 p-Isopropyltoluene
 Concen: 169.582 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion:119 Resp: 2576491
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.5 40.4
 91 21.6 10.8 32.4





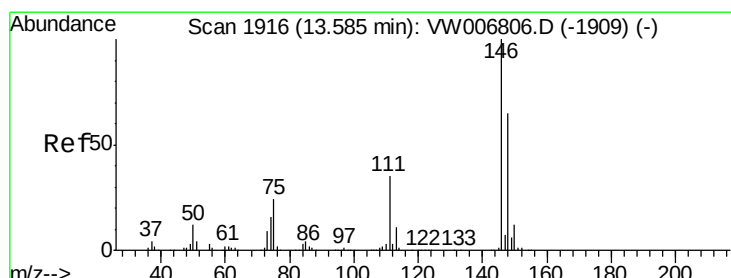
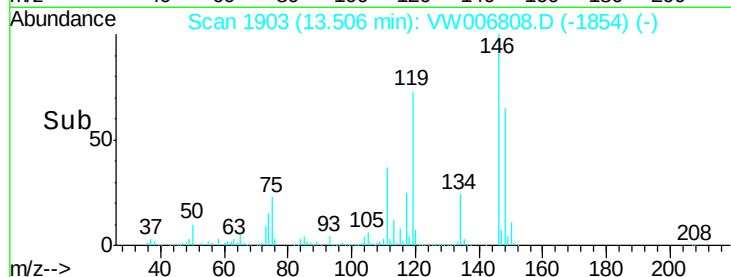
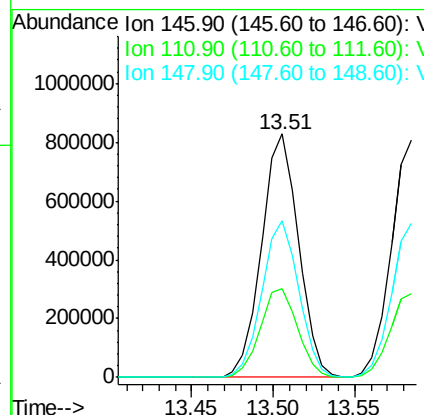
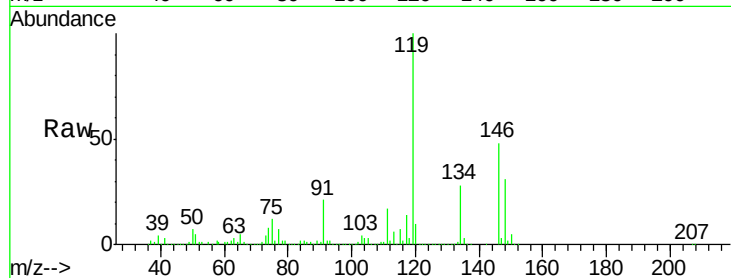
#87
 1,3-Dichlorobenzene
 Concen: 159.350 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1301242
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.3 54.9
 148 64.0 31.9 95.9

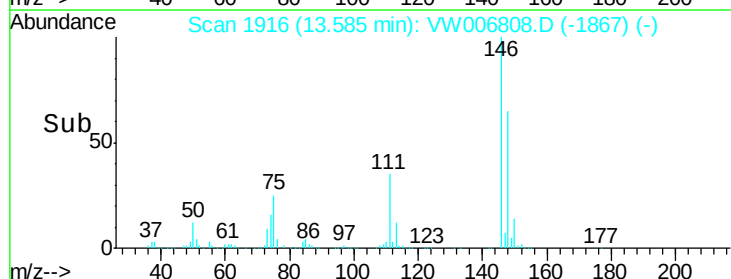
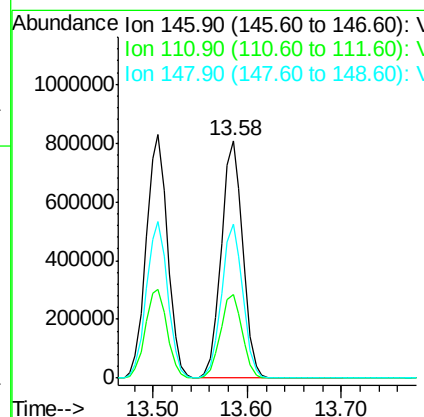
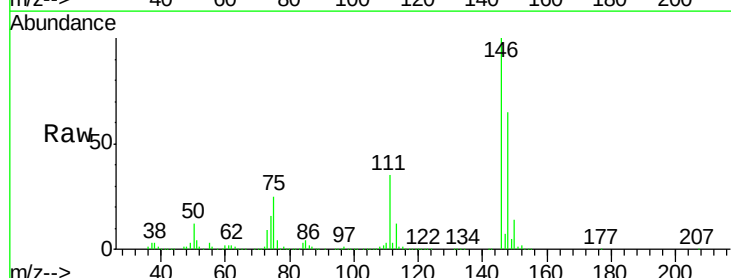
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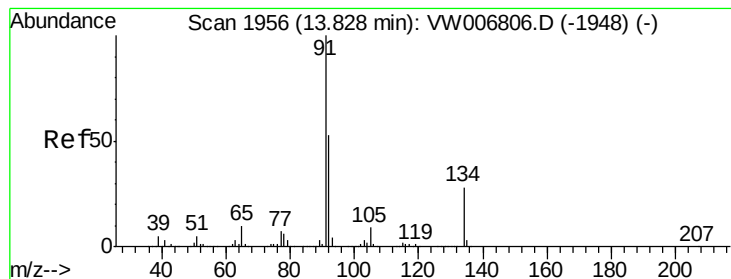
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#88
 1,4-Dichlorobenzene
 Concen: 156.285 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion:146 Resp: 1271084
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.8 53.3
 148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 165.756 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006808.D

Acq: 12 Nov 2018 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2324343

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.4

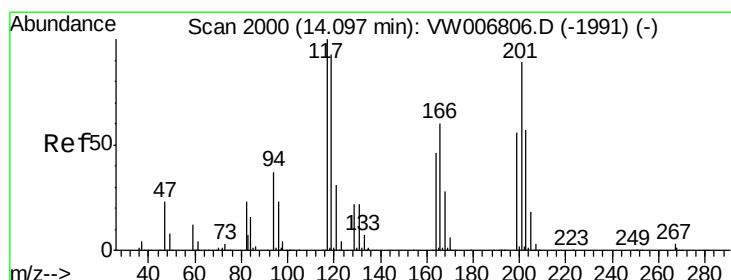
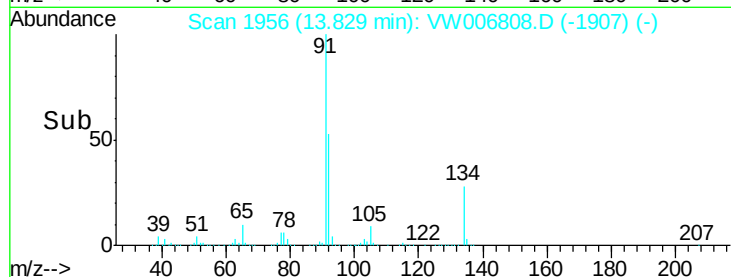
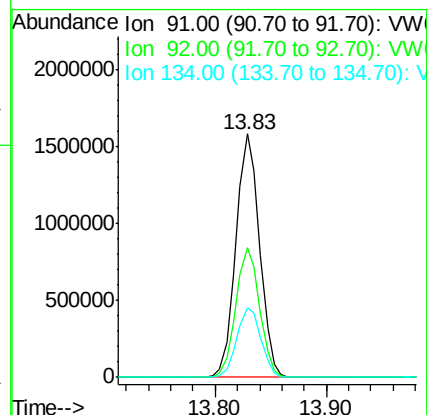
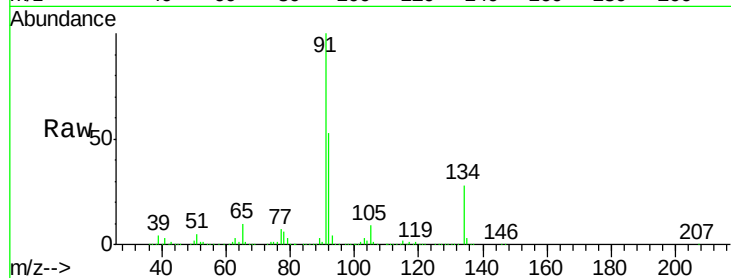
134 29.0 14.4 43.2

Manual Integrations

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#90

Hexachloroethane

Concen: 180.773 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006808.D

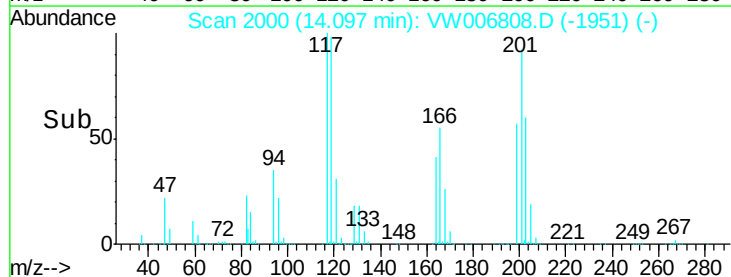
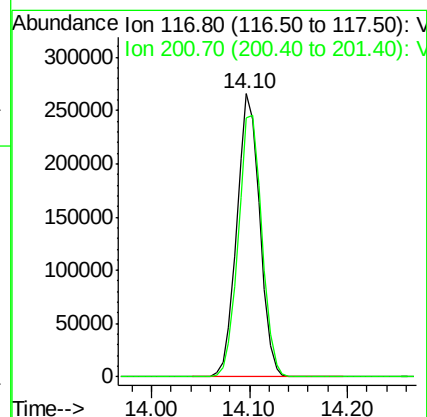
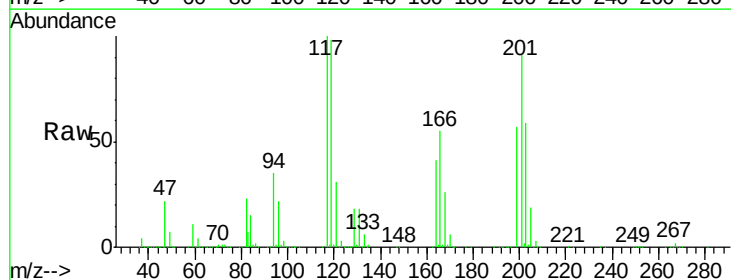
Acq: 12 Nov 2018 14:32

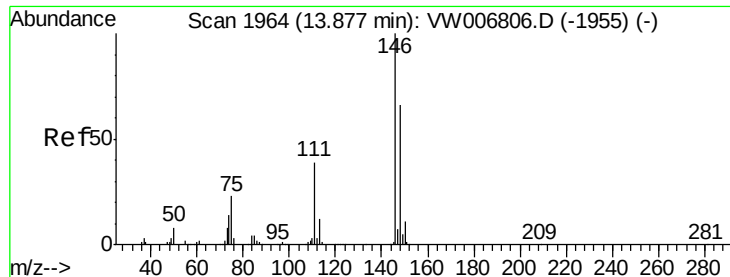
Tgt Ion: 117 Resp: 430882

Ion Ratio Lower Upper

117 100

201 94.9 46.9 140.6





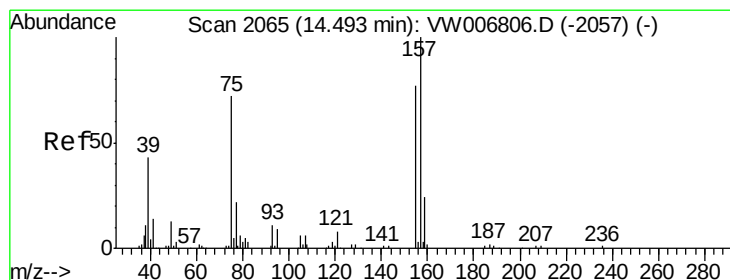
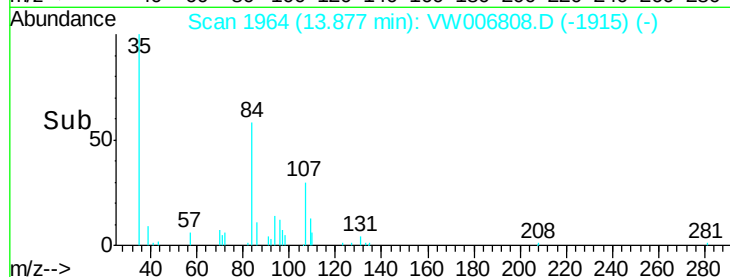
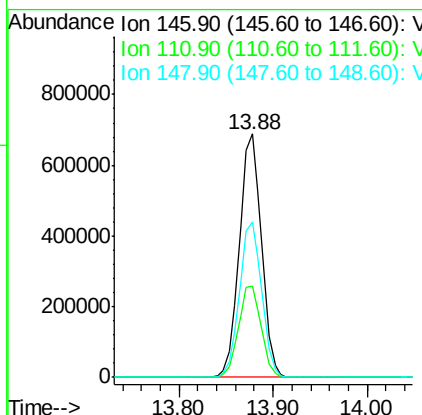
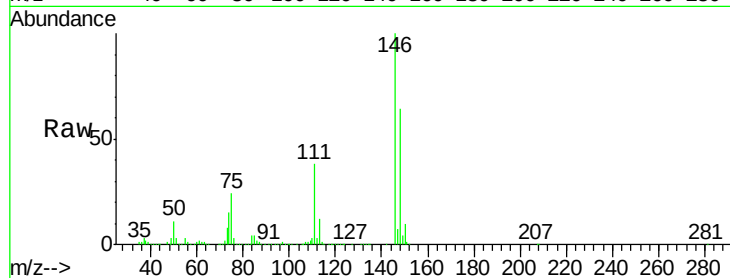
#91
 1,2-Dichlorobenzene
 Concen: 156.385 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	64.1	32.4	97.2

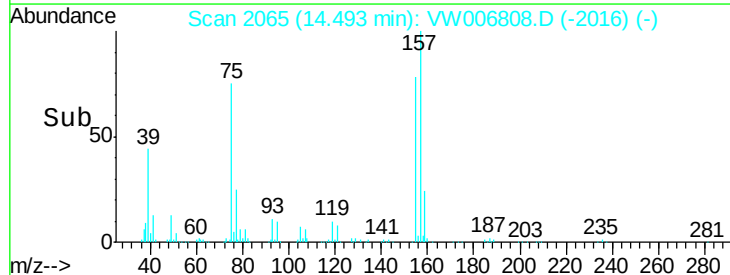
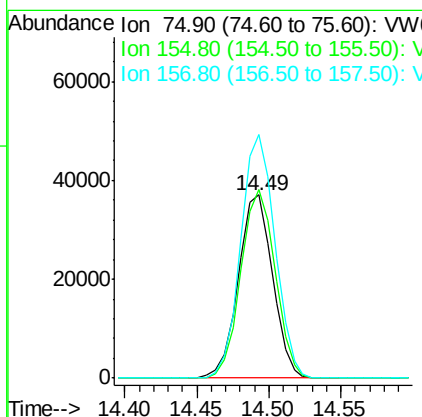
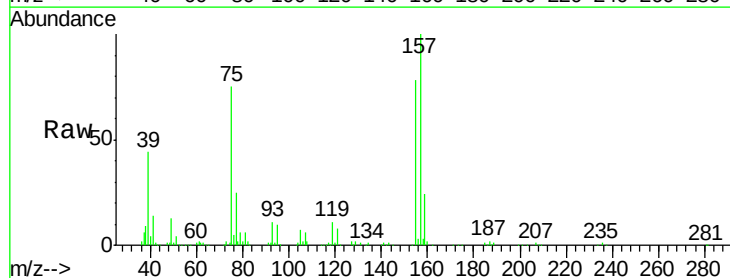
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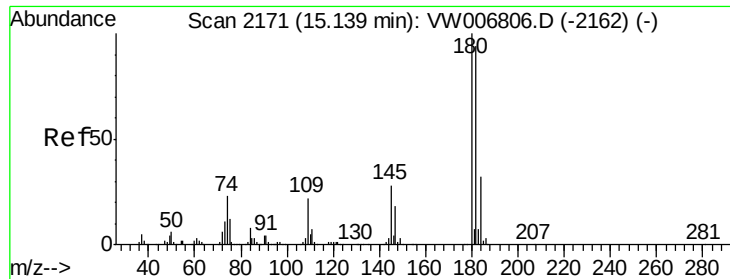
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 163.823 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.1	51.0	153.1
157	132.3	67.4	202.2





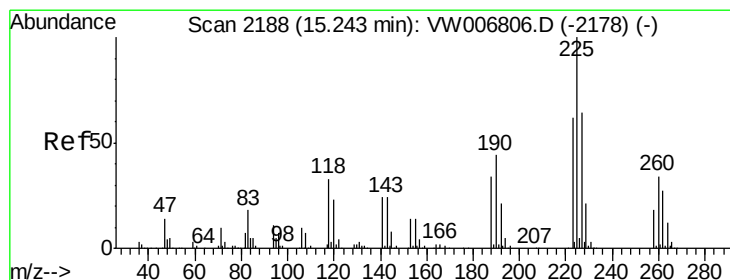
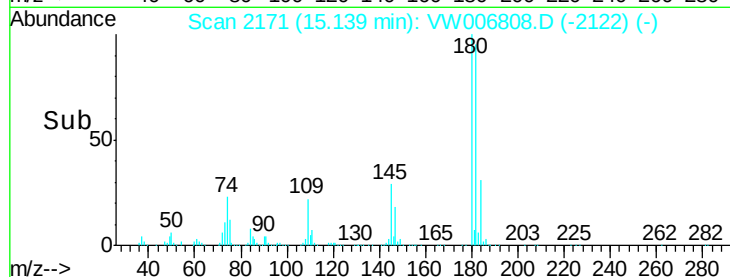
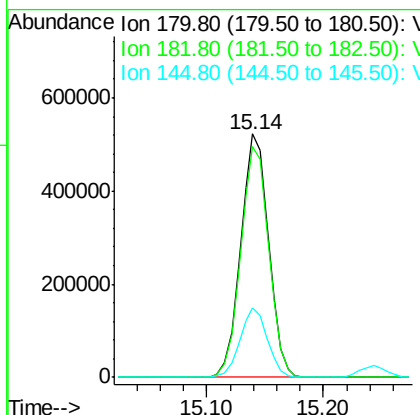
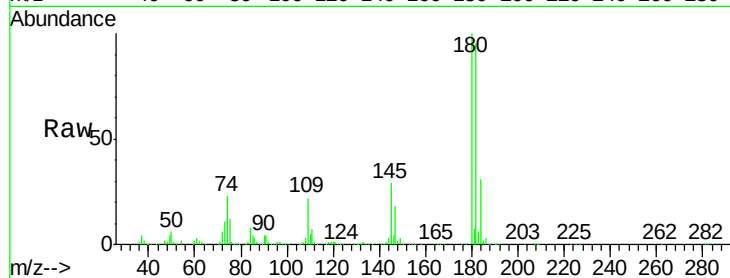
#93
 1,2,4-Trichlorobenzene
 Concen: 164.128 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	867961		
182	95.7	47.5	142.5	
145	28.2	14.0	41.9	

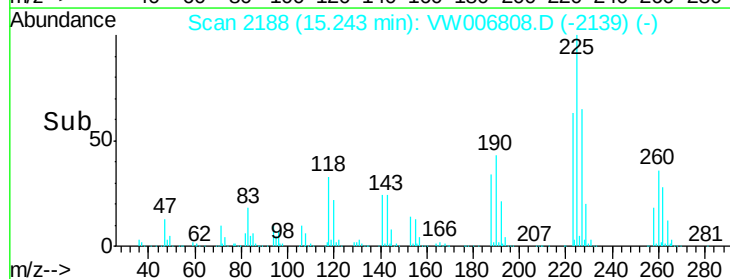
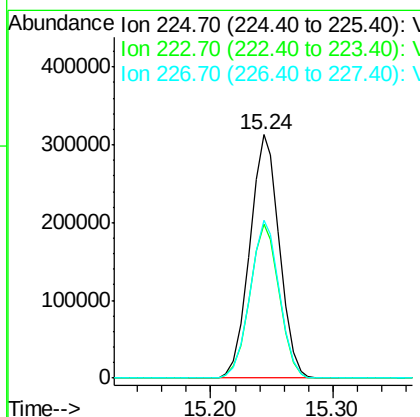
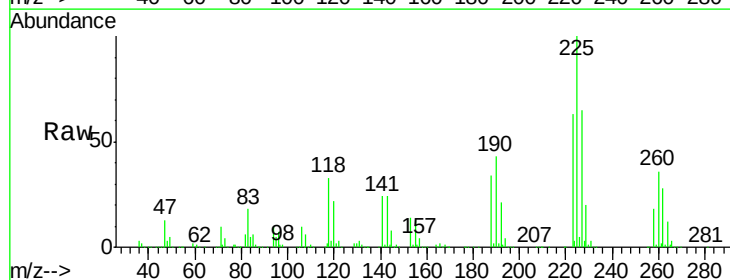
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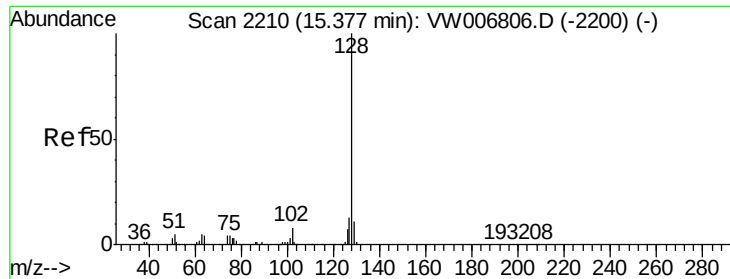
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#94
 Hexachlorobutadiene
 Concen: 157.632 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006808.D
 Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	524621		
223	63.0	31.2	93.6	
227	64.3	32.3	96.9	





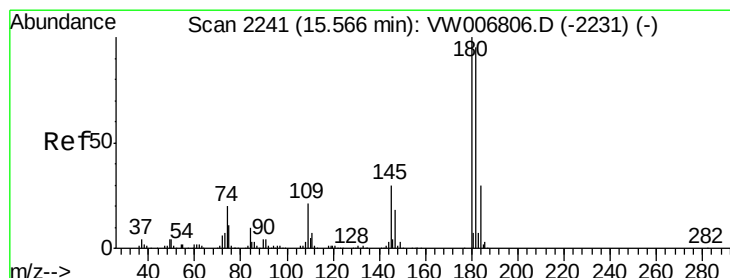
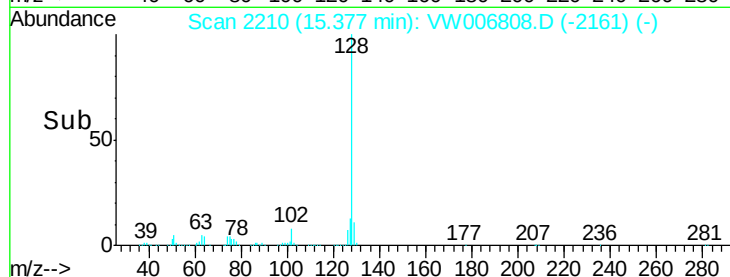
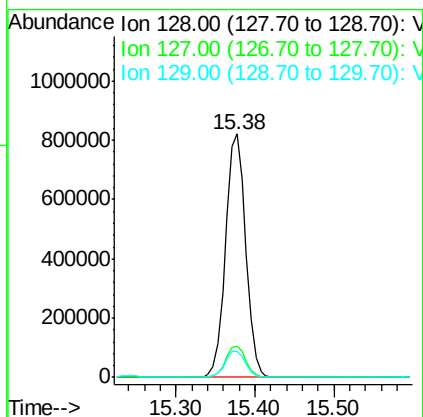
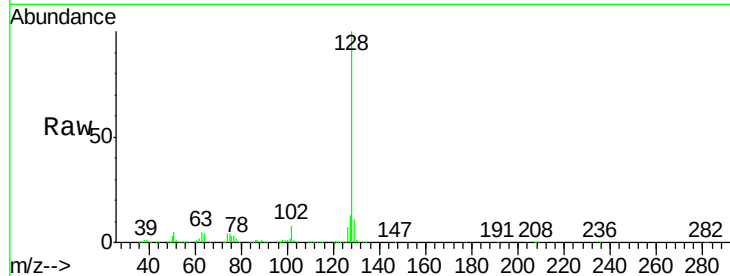
#95
Naphthalene
Concen: 179.003 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
11/13/2018 11:53:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 164.440 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006808.D
Acq: 12 Nov 2018 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	29.6	15.2	45.5

