

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006545.D
 Acq On : 01 Nov 2018 00:47
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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Quant Time: Nov 01 03:35:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	457691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	427764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	243518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136727	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	7.89	113	144013	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
50) Toluene-d8	10.33	98	553679	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.62	95	202427	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	75786	49.001	ug/l	100
3) Chloromethane	2.22	50	93101	46.421	ug/l	100
4) Vinyl Chloride	2.37	62	134966	47.369	ug/l	100
5) Bromomethane	2.79	94	113160	43.889	ug/l	100
6) Chloroethane	2.93	64	94217	46.294	ug/l	100
7) Trichlorofluoromethane	3.26	101	119705	45.571	ug/l	100
8) Diethyl Ether	3.68	74	64744	46.459	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	129543	46.425	ug/l	100
10) Methyl Iodide	4.27	142	233743	49.798	ug/l	100
11) Tert butyl alcohol	5.25	59	34472	199.570	ug/l	100
12) 1,1-Dichloroethene	4.04	96	123977	47.047	ug/l	100
13) Acrolein	3.90	56	43652	251.482	ug/l	100
14) Allyl chloride	4.67	41	164993	44.328	ug/l	100
15) Acrylonitrile	5.38	53	117803	231.898	ug/l	100
16) Acetone	4.15	43	104383	187.115	ug/l	100
17) Carbon Disulfide	4.38	76	359687	45.703	ug/l	100
18) Methyl Acetate	4.68	43	59715	45.725	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	185181	46.344	ug/l	100
20) Methylene Chloride	4.92	84	145157	46.826	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	141298	47.992	ug/l	100
22) Diisopropyl ether	6.32	45	345462	46.614	ug/l	100
23) Vinyl Acetate	6.26	43	965284	222.123	ug/l	100
24) 1,1-Dichloroethane	6.22	63	230687	48.024	ug/l	100
25) 2-Butanone	7.19	43	151162	215.825	ug/l	100
26) 2,2-Dichloropropane	7.17	77	135291	40.705	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	158789	48.722	ug/l	100
28) Bromochloromethane	7.51	49	93541	50.564	ug/l	100
29) Tetrahydrofuran	7.54	42	96194	223.073	ug/l	100
30) Chloroform	7.68	83	254388	48.405	ug/l	100
31) Cyclohexane	7.96	56	196424	41.556	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	214311	45.723	ug/l	100
36) 1,1-Dichloropropene	8.09	75	193125	46.115	ug/l	100
37) Ethyl Acetate	7.26	43	66098	42.689	ug/l	100
38) Carbon Tetrachloride	8.07	117	204084	44.764	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	247868	44.752	ug/l	100
40) Benzene	8.33	78	555857	48.006	ug/l	100
41) Methacrylonitrile	7.49	41	40574	43.787	ug/l	100
42) 1,2-Dichloroethane	8.40	62	157982	46.744	ug/l	100
43) Isopropyl Acetate	8.43	43	133671	42.496	ug/l	100
44) Trichloroethene	9.09	130	171723	48.317	ug/l	100
45) 1,2-Dichloropropane	9.37	63	130040	47.120	ug/l	100
46) Dibromomethane	9.46	93	75727	48.006	ug/l	100
47) Bromodichloromethane	9.65	83	181514	47.625	ug/l	100
48) Methyl methacrylate	9.44	41	66713	44.618	ug/l	100
49) 1,4-Dioxane	9.49	88	23142	959.454	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	347669	219.521	ug/l	100
52) Toluene	10.39	92	372452	47.993	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	177545	46.946	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	205868	47.320	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	107021	48.373	ug/l	100
56) Ethyl methacrylate	10.65	69	126108	46.812	ug/l	100
57) 1,3-Dichloropropane	10.93	76	174572	47.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	293721	274.426	ug/l	100
59) 2-Hexanone	10.98	43	237784	211.170	ug/l	100
60) Dibromochloromethane	11.13	129	133402	48.632	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108188	48.967	ug/l	100
64) Tetrachloroethene	10.87	164	165493	49.454	ug/l	100
65) Chlorobenzene	11.66	112	437996	47.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	157239	48.404	ug/l	100
67) Ethyl Benzene	11.74	91	739595	46.808	ug/l	100
68) m/p-Xylenes	11.84	106	595255	95.120	ug/l	100
69) o-Xylene	12.17	106	285165	47.794	ug/l	100
70) Styrene	12.18	104	471272	48.521	ug/l	100
71) Bromoform	12.35	173	84924	47.250	ug/l #	100
73) Isopropylbenzene	12.47	105	781892	45.788	ug/l	100
74) N-amyl acetate	12.28	43	134732	41.337	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	120911	46.542	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	92801m	49.246	ug/l	
77) Bromobenzene	12.75	156	200684	47.682	ug/l	100
78) n-propylbenzene	12.81	91	899639	45.420	ug/l	100
79) 2-Chlorotoluene	12.90	91	512101	45.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	662527	46.090	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33428	43.816	ug/l	100
82) 4-Chlorotoluene	12.99	91	545700	46.589	ug/l	100
83) tert-Butylbenzene	13.21	119	589940	45.846	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	681525	46.713	ug/l	100
85) sec-Butylbenzene	13.39	105	823514	45.434	ug/l	100
86) p-Isopropyltoluene	13.51	119	756193	46.085	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	397722	47.491	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	393109	47.176	ug/l	100
89) n-Butylbenzene	13.83	91	670139	44.781	ug/l	100
90) Hexachloroethane	14.10	117	127971	46.273	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	355153	47.529	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19491	42.535	ug/l	100

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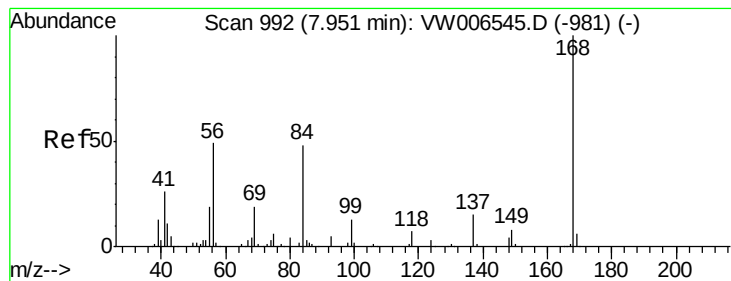
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	267686	46.523	ug/l	100
94) Hexachlorobutadiene	15.24	225	163523	45.532	ug/l	100
95) Naphthalene	15.38	128	438853	46.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	234908	47.135	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: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 316192

Ion Ratio Lower Upper

168 100

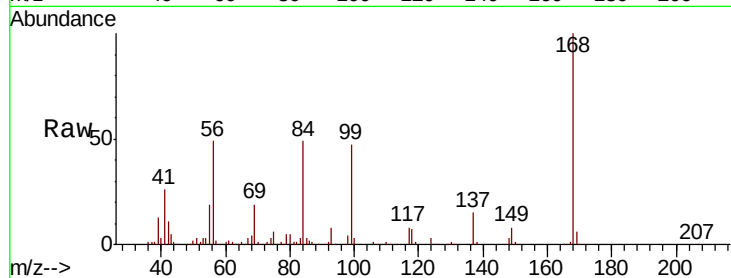
99 46.7 37.4 56.0

Manual Integrations

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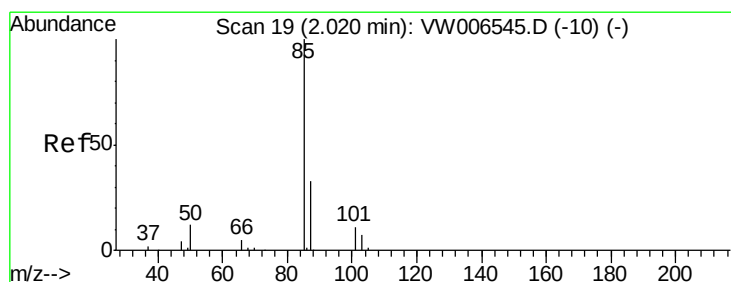
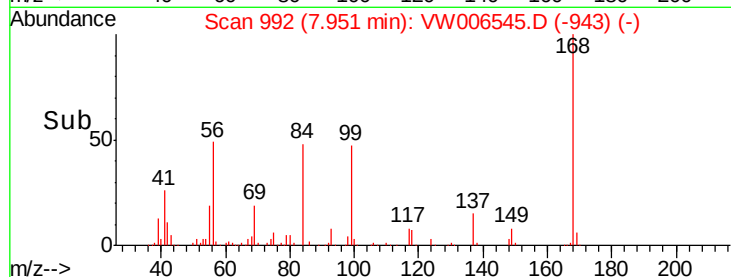
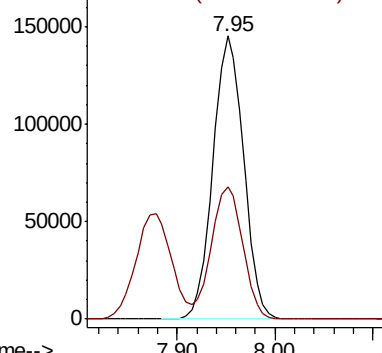
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.001 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.00 min

Lab File: VW006545.D

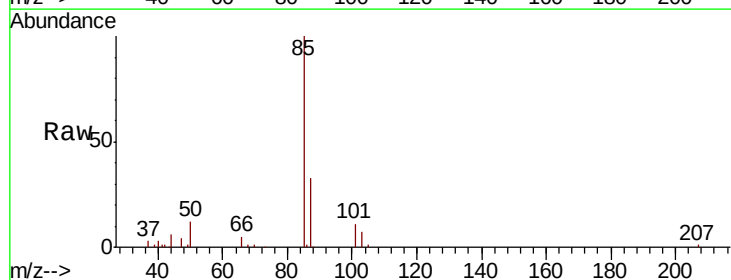
Acq: 01 Nov 2018 00:47

Tgt Ion: 85 Resp: 75786

Ion Ratio Lower Upper

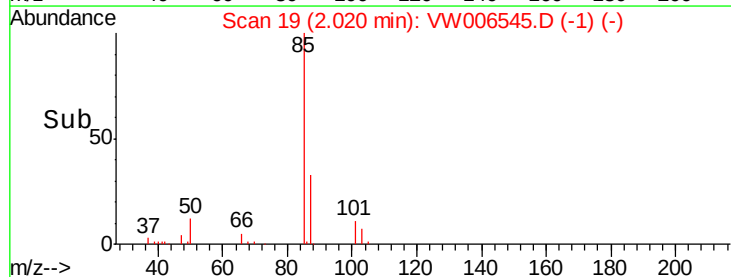
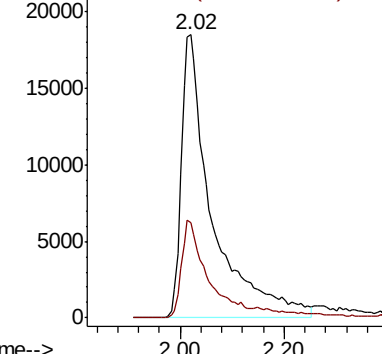
85 100

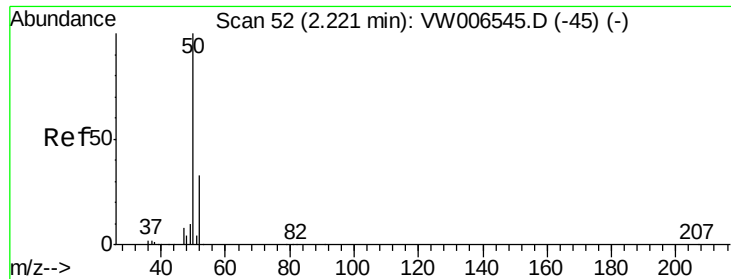
87 33.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.421 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 93101

Ion Ratio Lower Upper

50 100

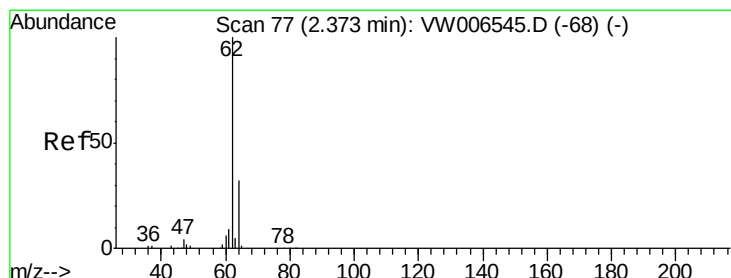
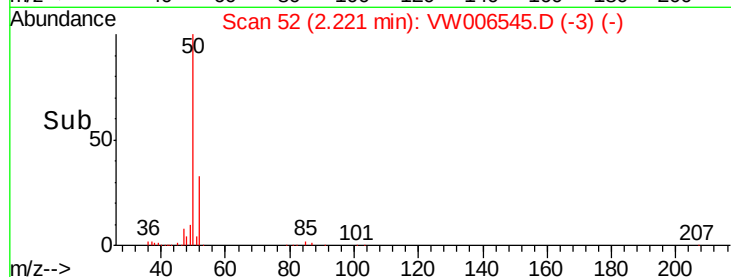
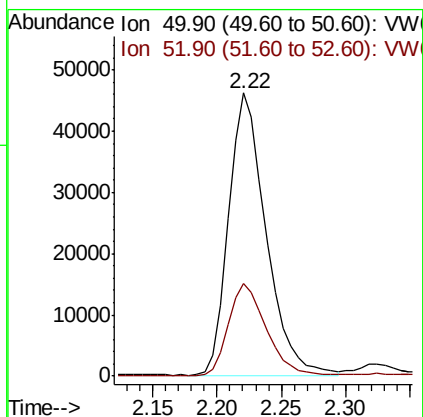
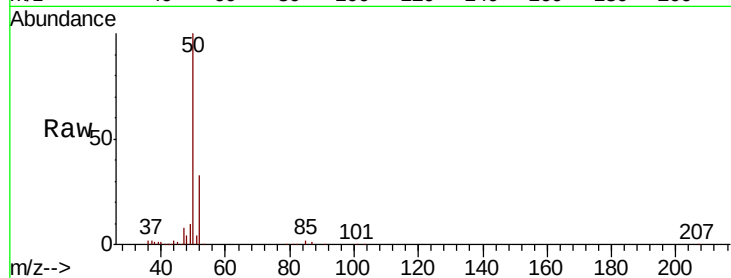
52 32.8 26.2 39.4

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#4

Vinyl Chloride

Concen: 47.369 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006545.D

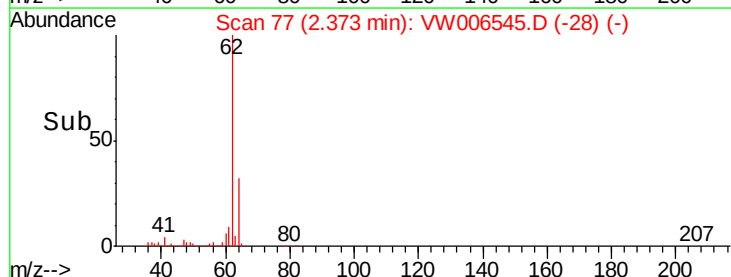
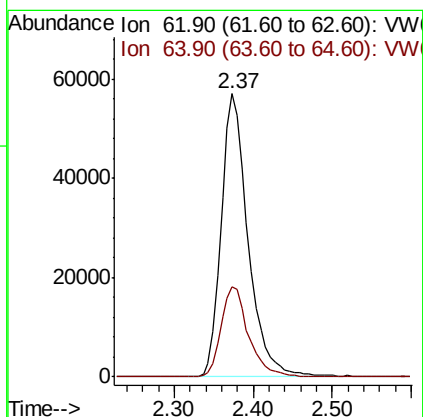
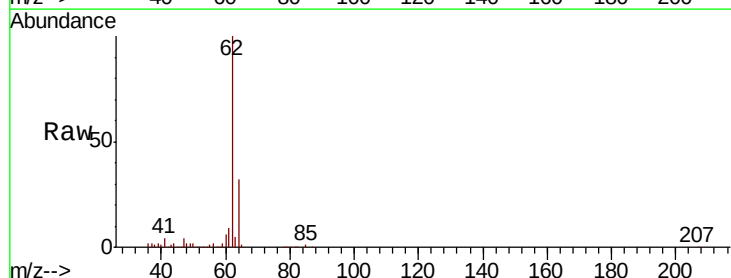
Acq: 01 Nov 2018 00:47

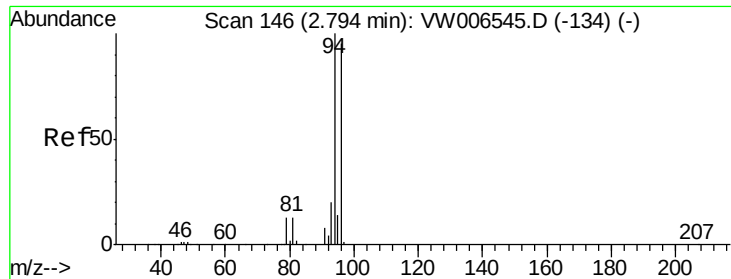
Tgt Ion: 62 Resp: 134966

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 43.889 ug/l

RT: 2.79 min Scan# 146

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 94 Resp: 113160

Ion Ratio Lower Upper

94 100

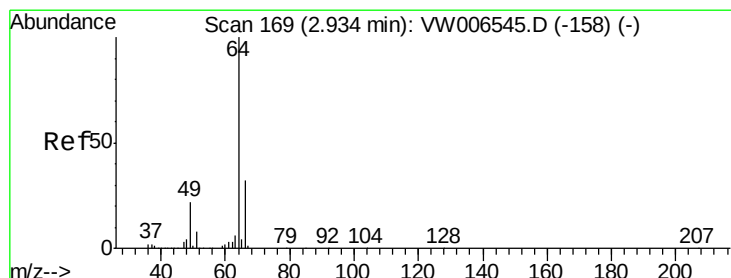
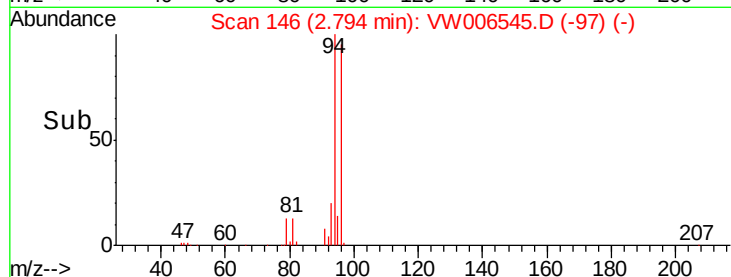
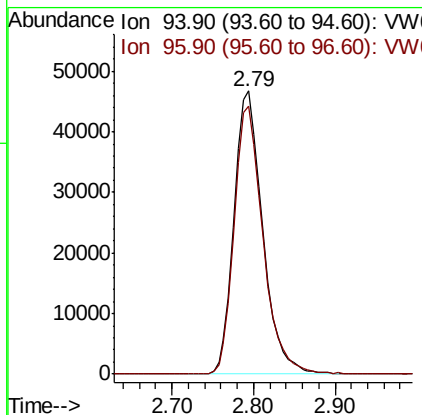
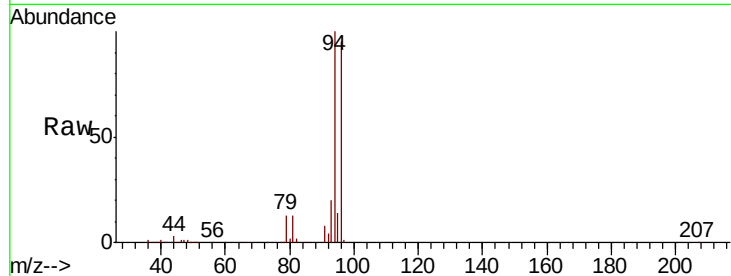
96 94.6 75.7 113.5

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#6

Chloroethane

Concen: 46.294 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW006545.D

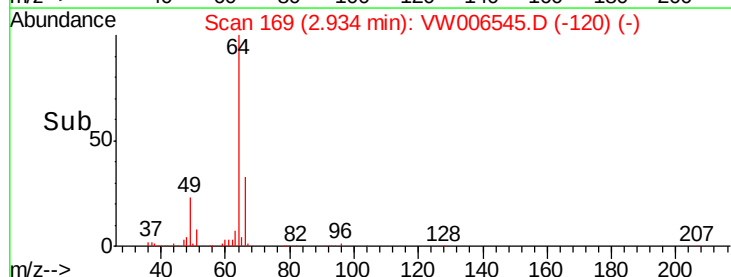
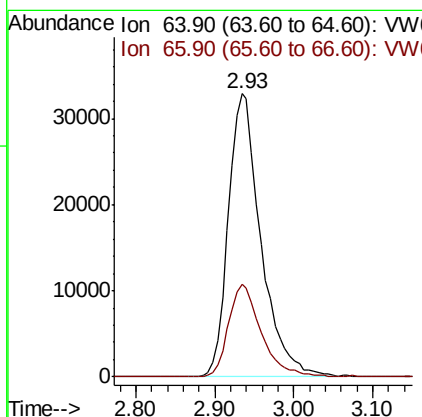
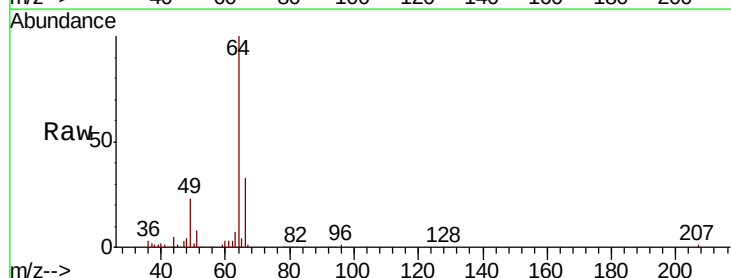
Acq: 01 Nov 2018 00:47

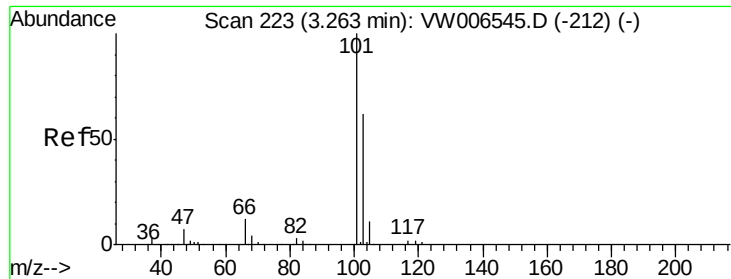
Tgt Ion: 64 Resp: 94217

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





#7

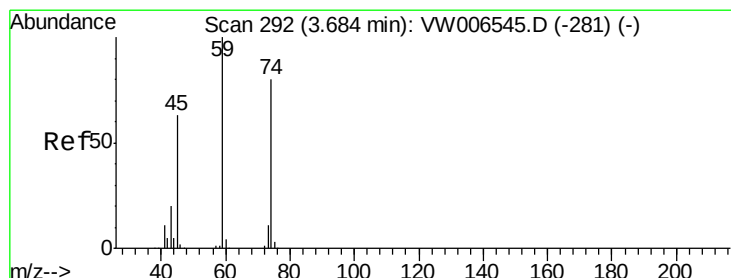
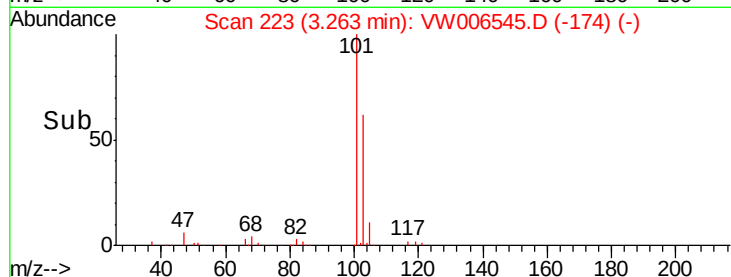
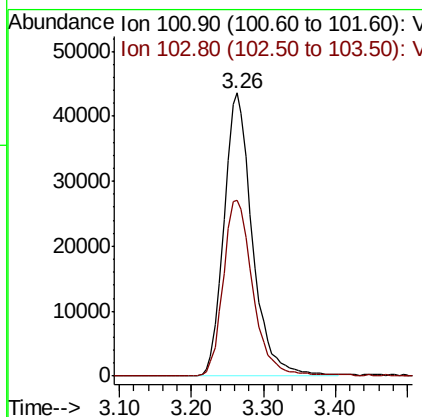
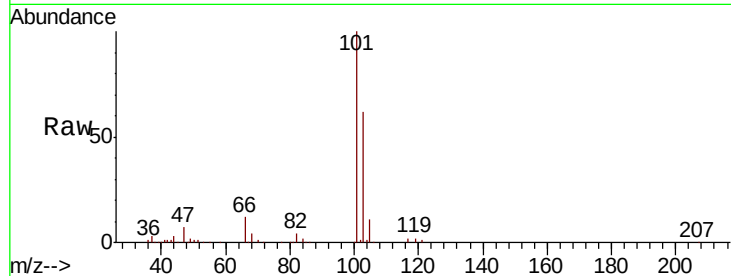
Trichlorofluoromethane
Concen: 45.571 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	49.8	74.8

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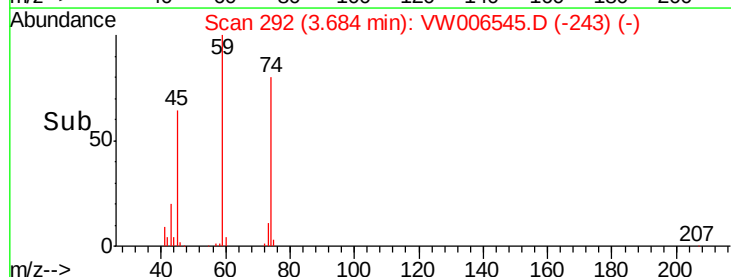
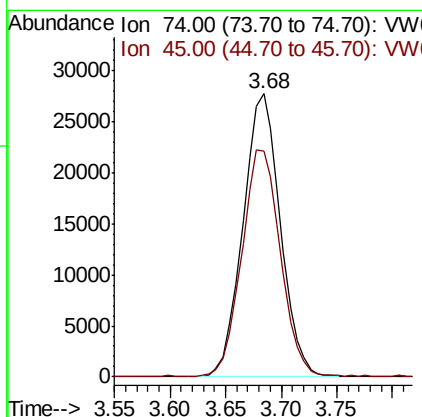
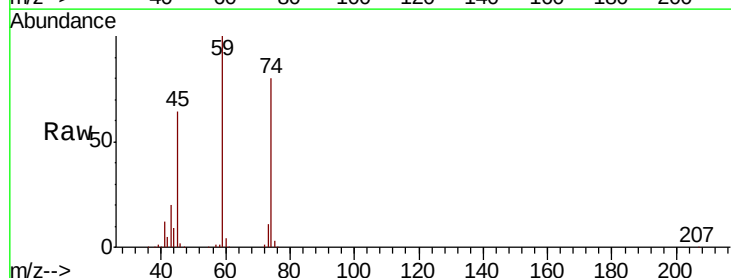
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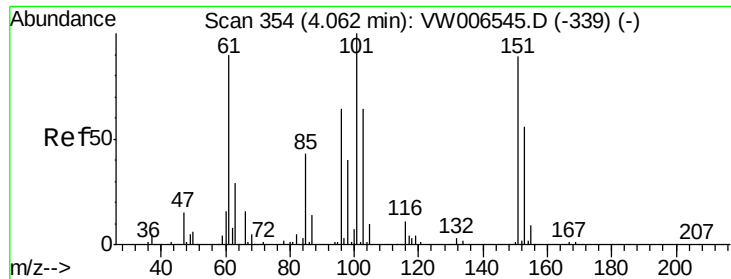


#8

Diethyl Ether
Concen: 46.459 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.3	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.425 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

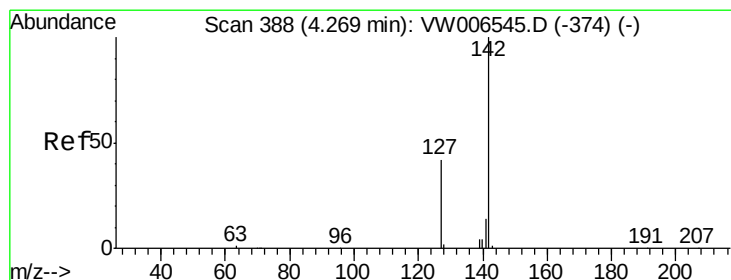
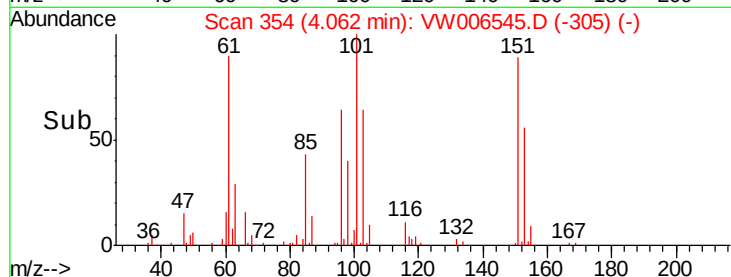
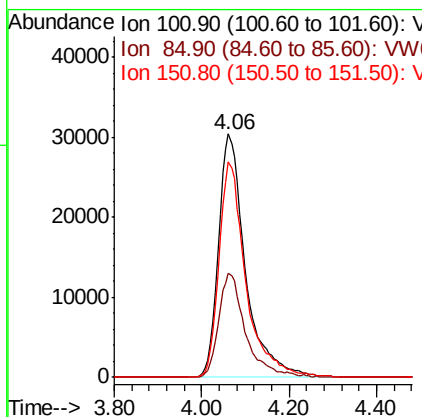
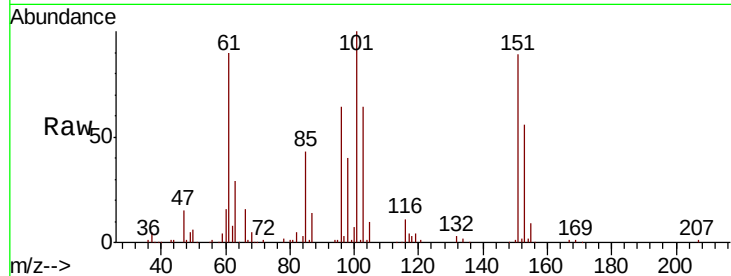
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	129543
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.2
151	88.4	70.7	106.1

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#10

Methyl Iodide

Concen: 49.798 ug/l

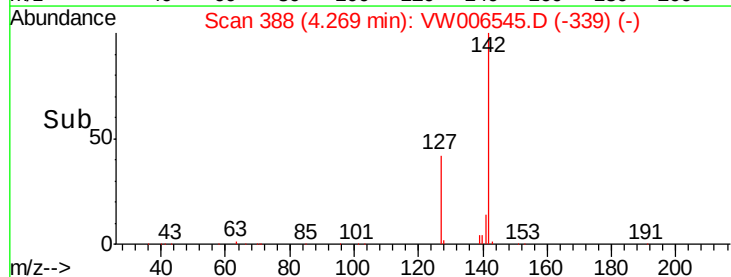
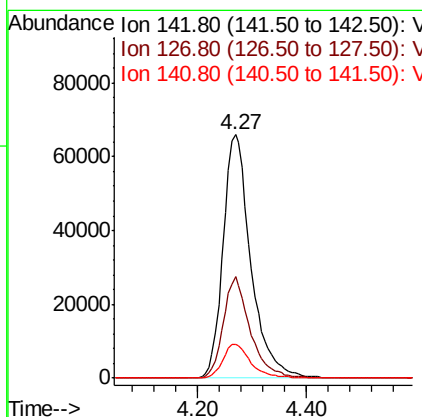
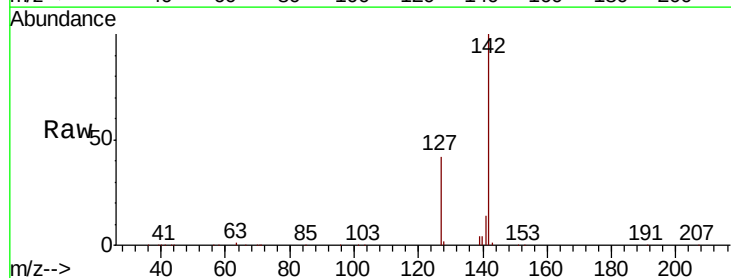
RT: 4.27 min Scan# 388

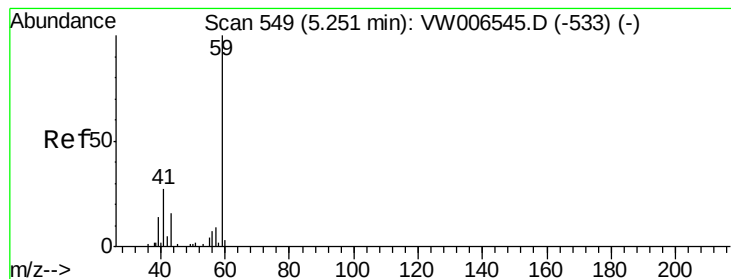
Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion:	142	Resp:	233743
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.3	48.5
141	14.1	11.3	16.9





#11

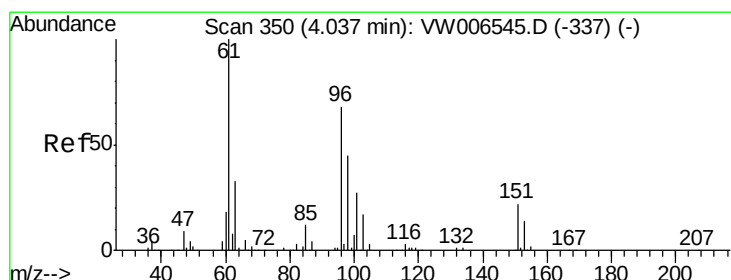
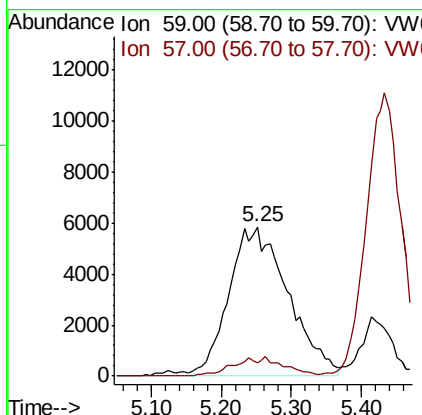
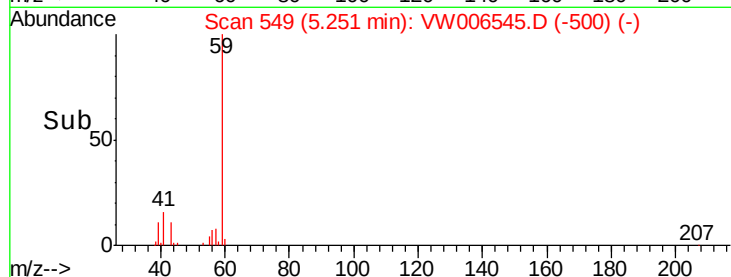
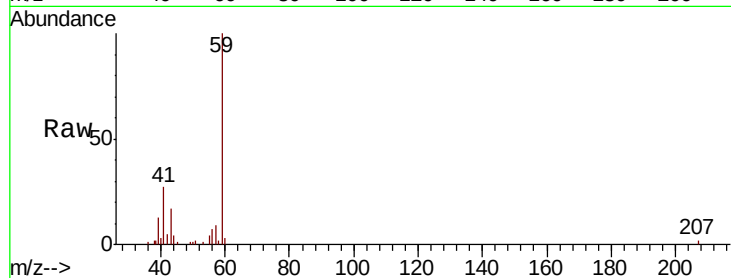
Tert butyl alcohol
 Concen: 199.570 ug/l
 RT: 5.25 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.4	4.3	6.5

Manual Integrations
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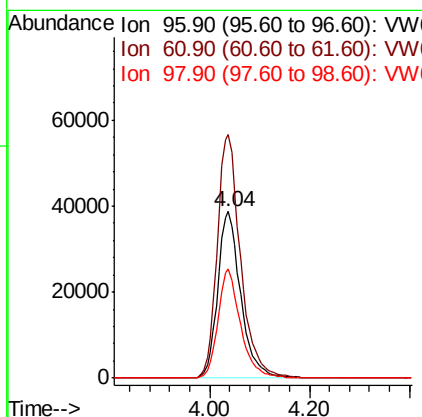
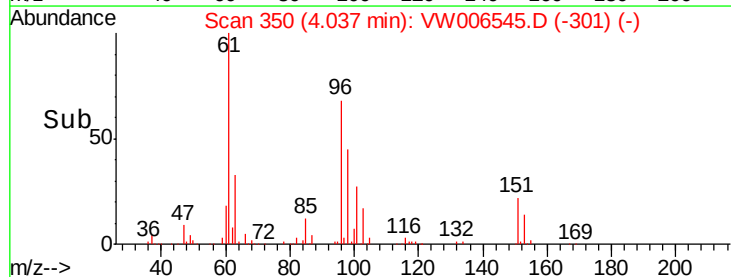
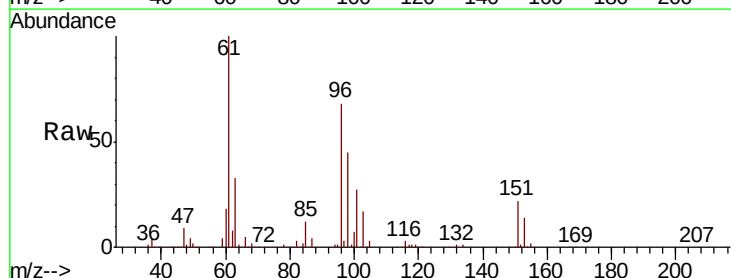
apatel
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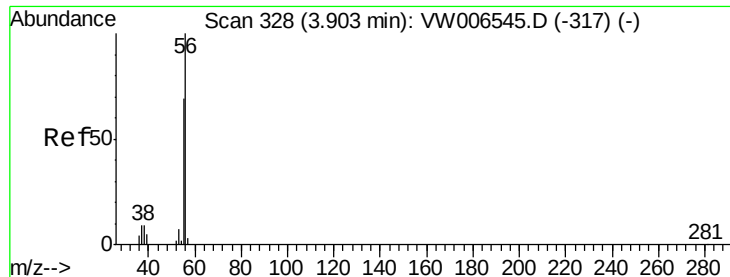


#12

1,1-Dichloroethene
 Concen: 47.047 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	117.0	175.4
98	65.6	52.5	78.7





#13

Acrolein

Concen: 251.482 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 43652

Ion Ratio Lower Upper

56 100

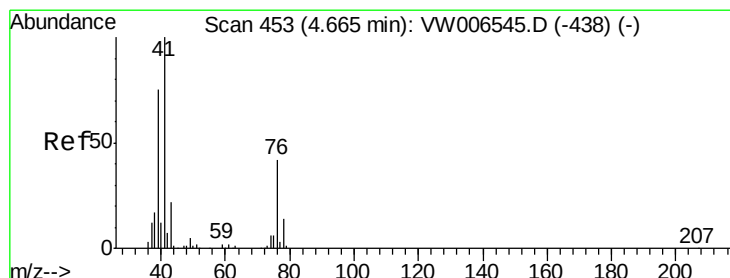
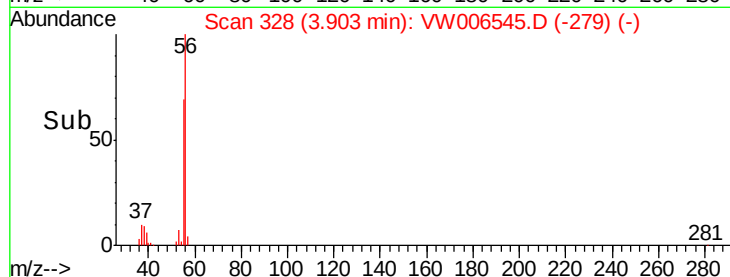
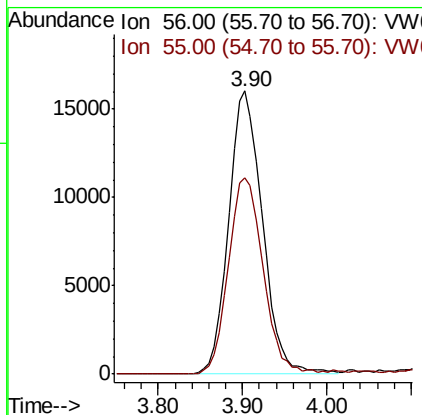
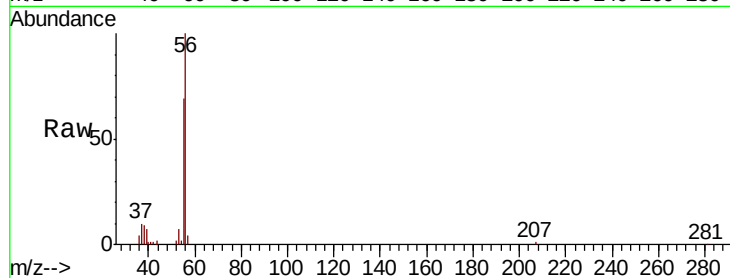
55 71.1 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 44.328 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

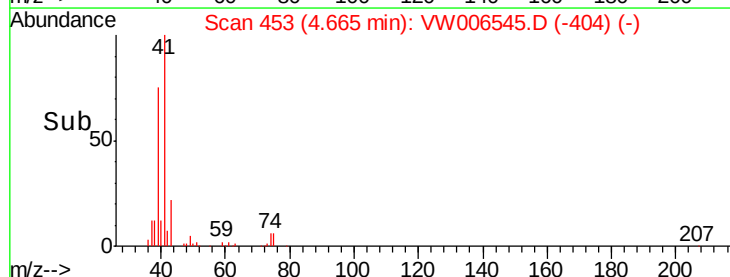
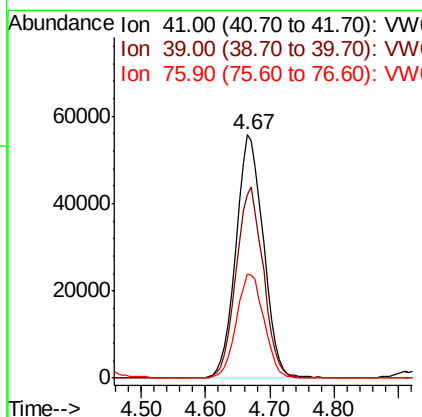
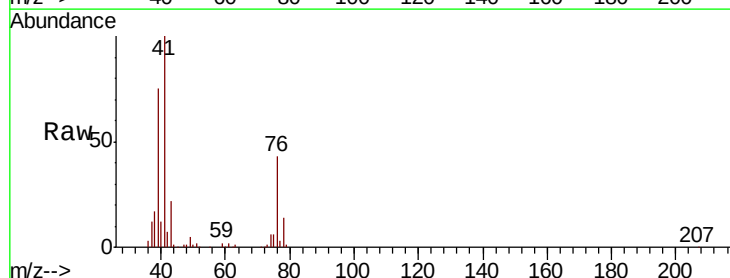
Tgt Ion: 41 Resp: 164993

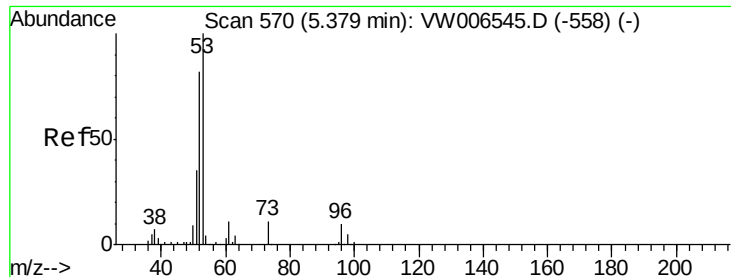
Ion Ratio Lower Upper

41 100

39 77.6 62.1 93.1

76 42.7 34.2 51.2





#15

Acrylonitrile

Concen: 231.898 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

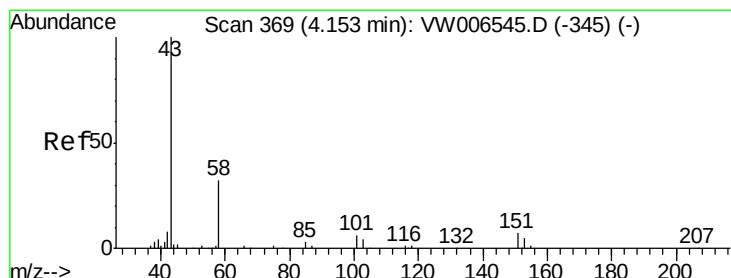
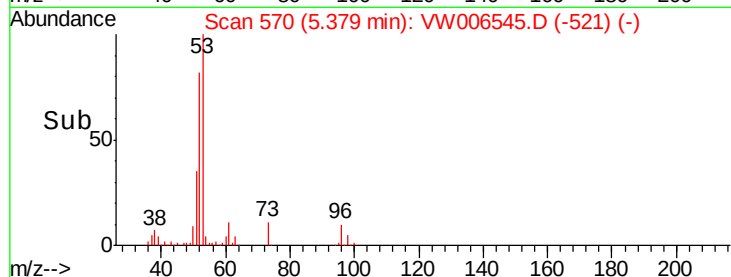
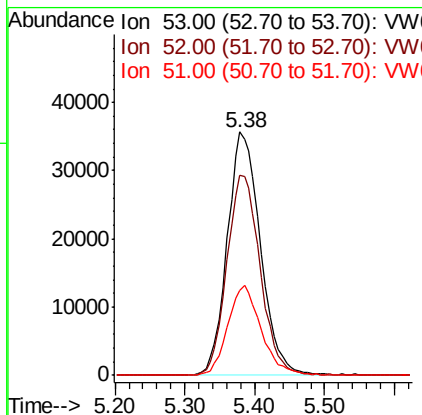
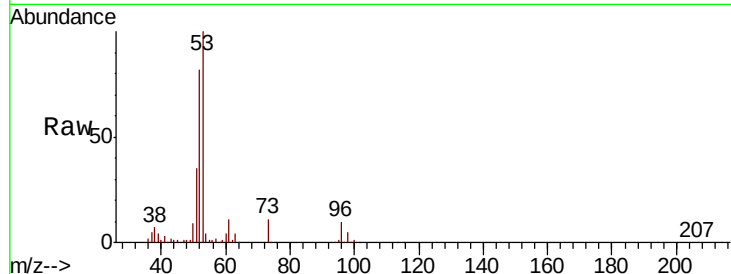
ClientSampled :

VSTDICCC050

Tot Ion:	53	Resp:	117803
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.8	98.8
51	37.0	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 187.115 ug/l

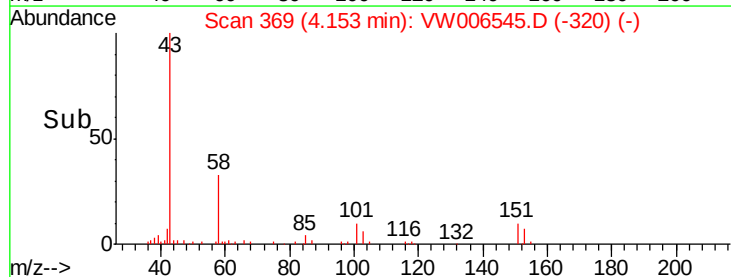
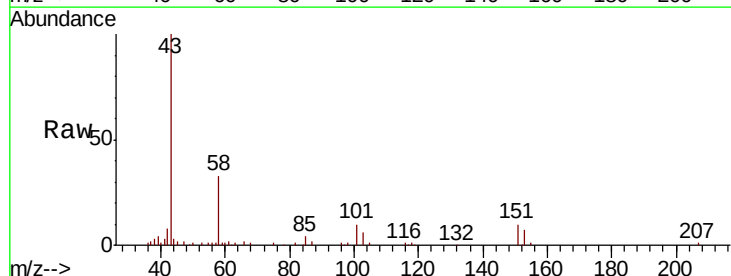
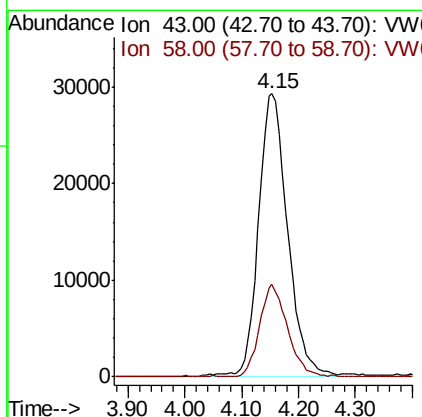
RT: 4.15 min Scan# 369

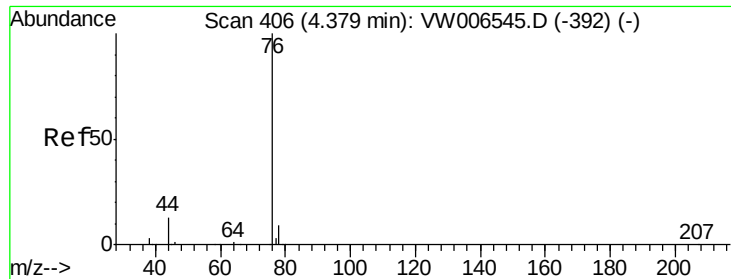
Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion:	43	Resp:	104383
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.8	38.8





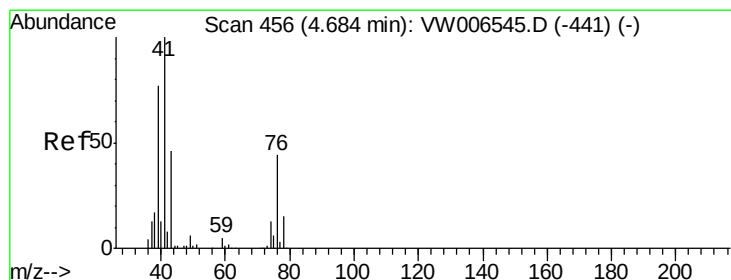
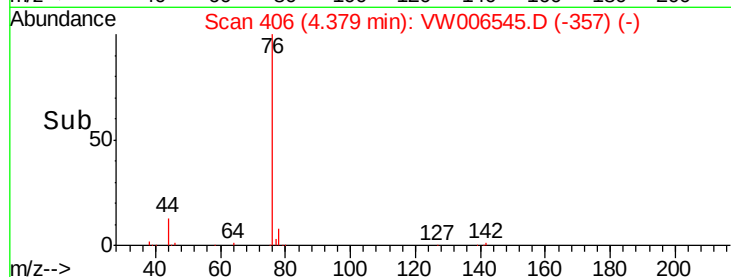
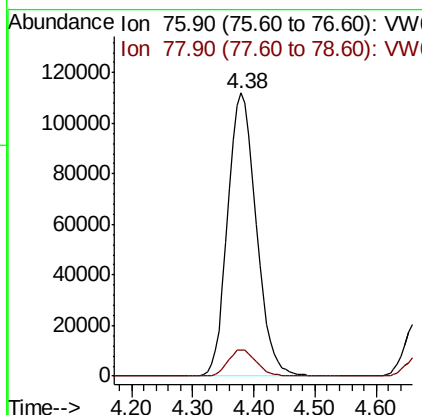
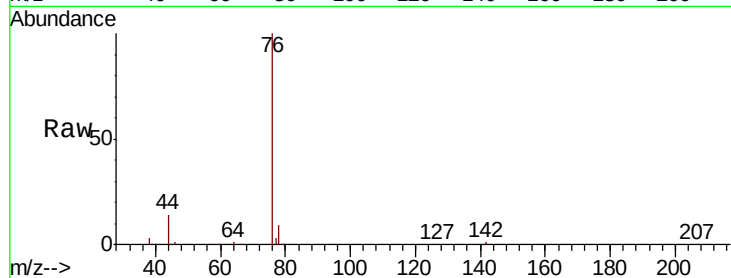
#17
Carbon Disulfide
Concen: 45.703 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

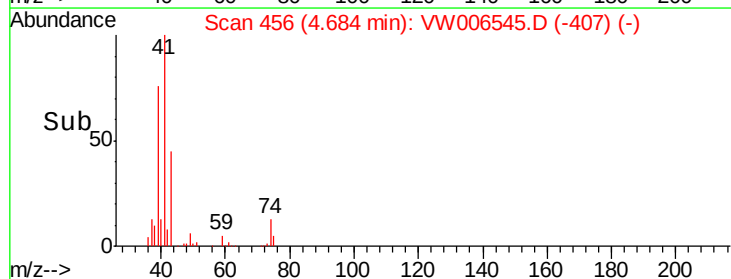
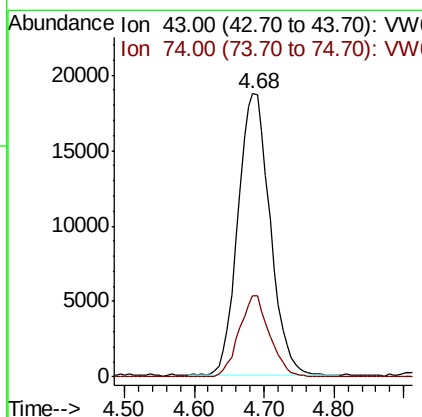
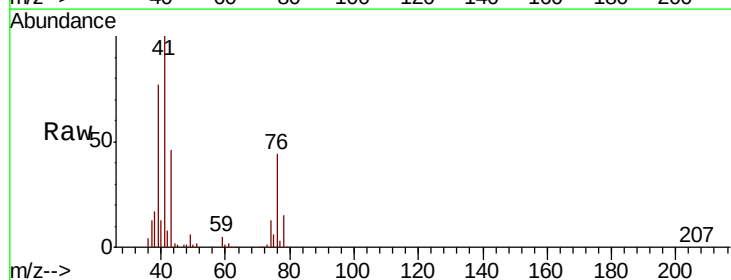
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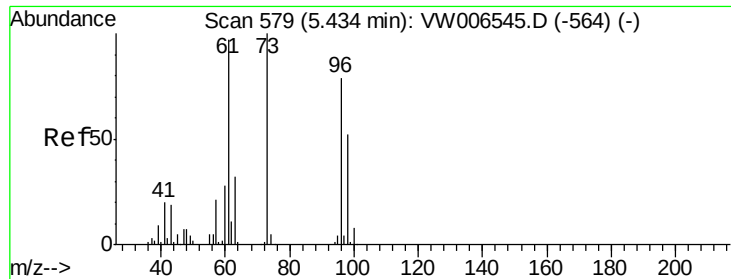
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#18
Methyl Acetate
Concen: 45.725 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.9	32.9





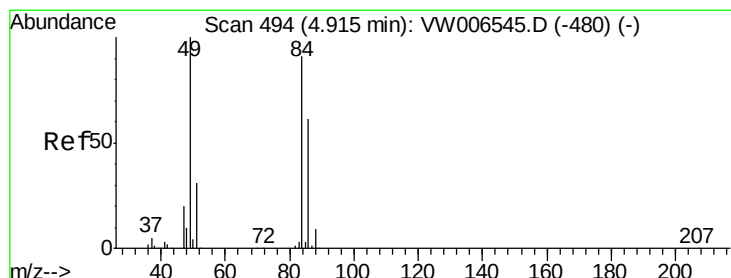
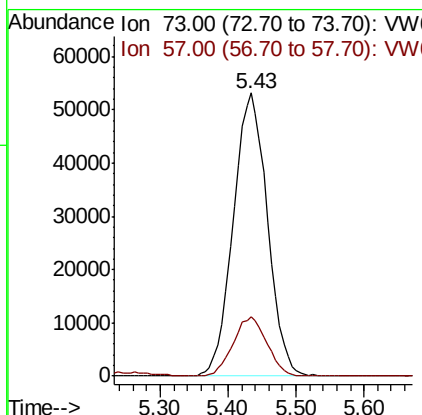
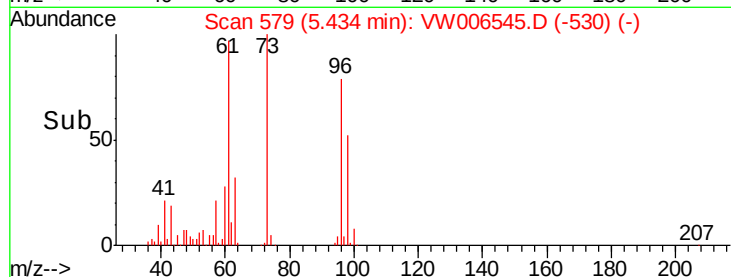
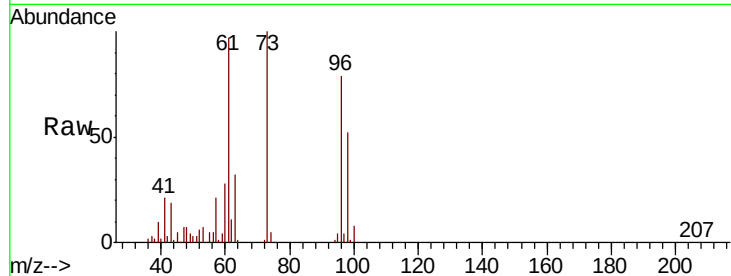
#19
Methyl tert-butyl Ether
Concen: 46.344 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 185181
Ion Ratio Lower Upper
73 100
57 20.9 16.7 25.1

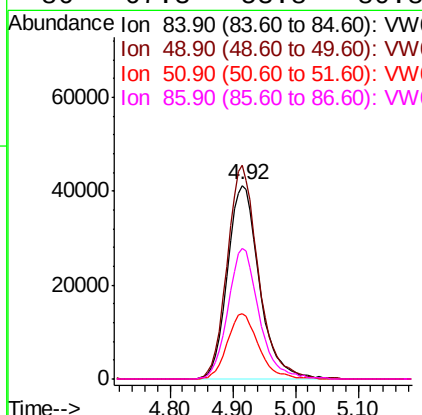
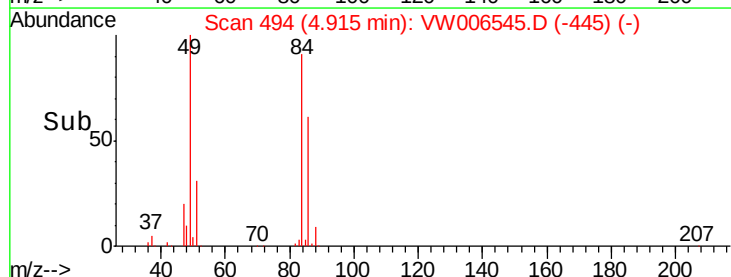
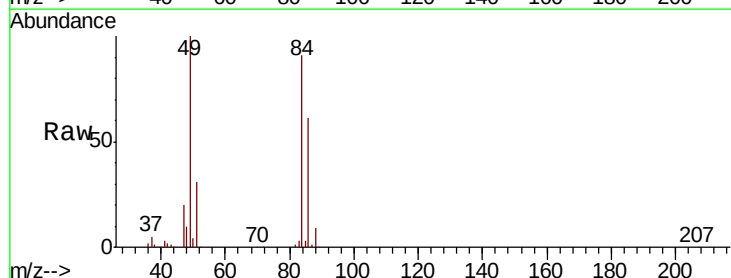
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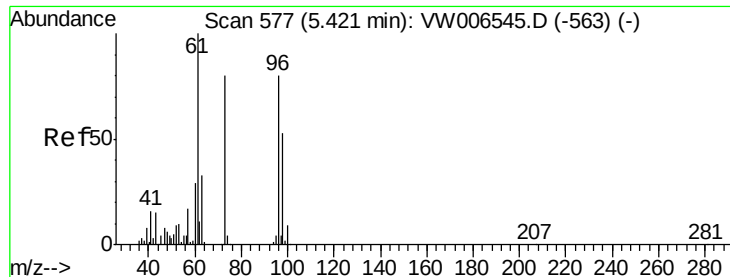
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#20
Methylene Chloride
Concen: 46.826 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion: 84 Resp: 145157
Ion Ratio Lower Upper
84 100
49 110.3 88.2 132.4
51 33.8 27.0 40.6
86 67.3 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 47.992 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

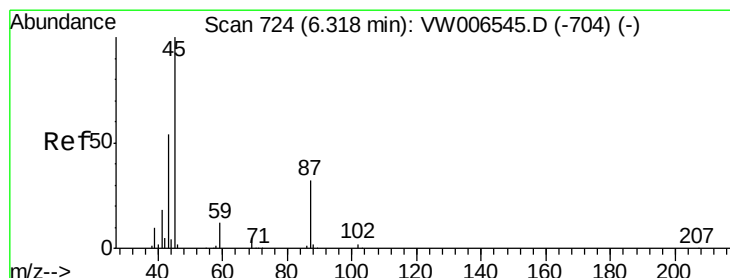
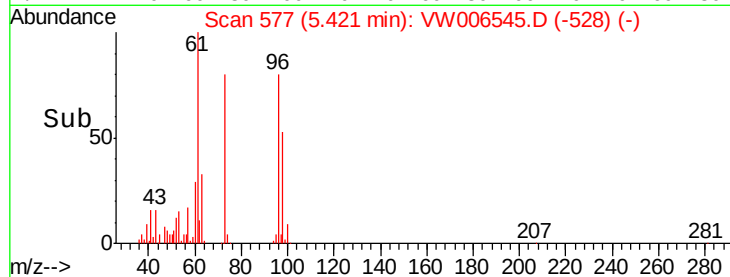
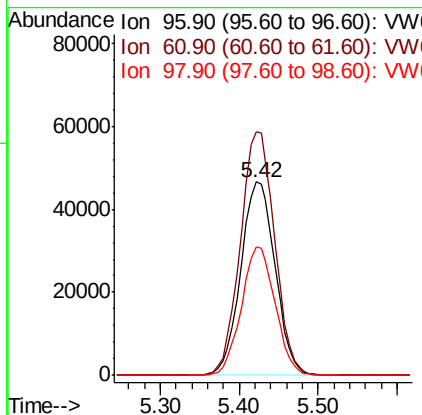
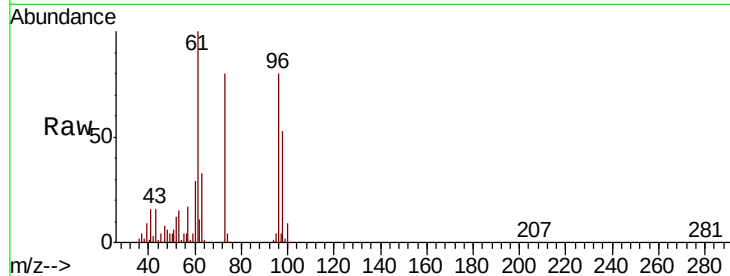
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	141298
Ion	Ratio	Lower	Upper
96	100		
61	125.7	100.6	150.8
98	66.1	52.9	79.3

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#22

Diisopropyl ether

Concen: 46.614 ug/l

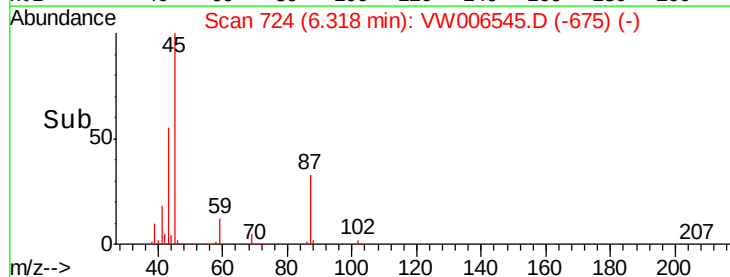
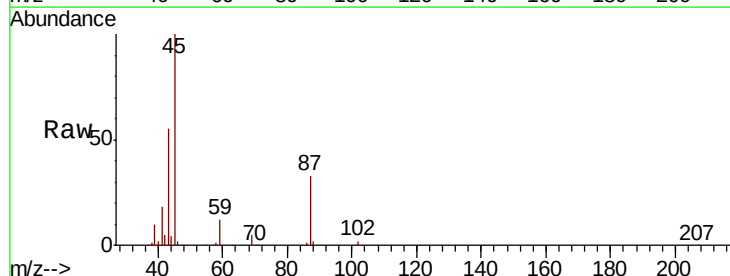
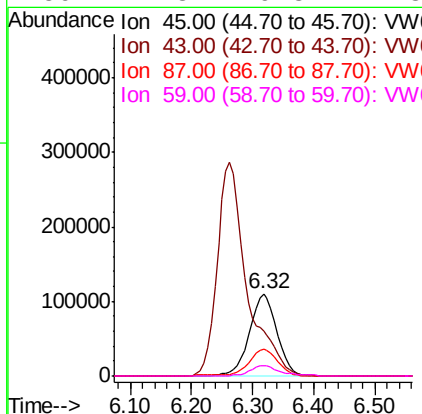
RT: 6.32 min Scan# 724

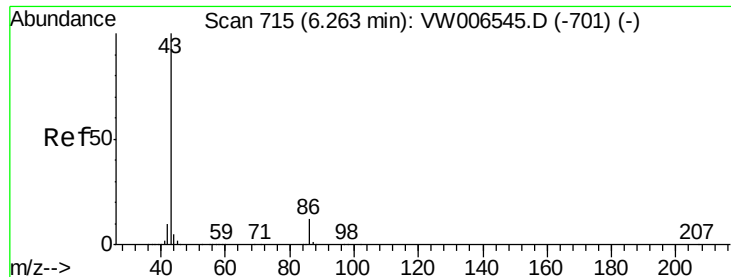
Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion:	45	Resp:	345462
Ion	Ratio	Lower	Upper
45	100		
43	54.5	43.6	65.4
87	32.9	26.3	39.5
59	12.3	9.8	14.8





#23

Vinyl Acetate

Concen: 222.123 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 965284

Ion Ratio Lower Upper

43 100

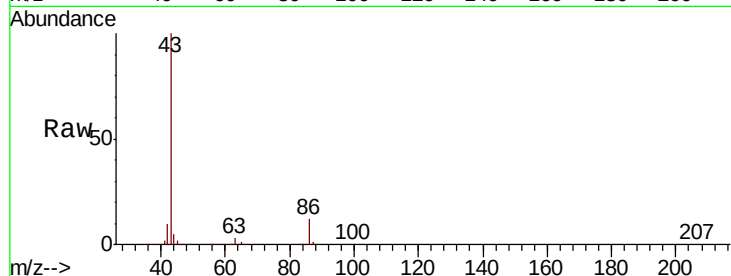
86 12.3 9.8 14.8

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

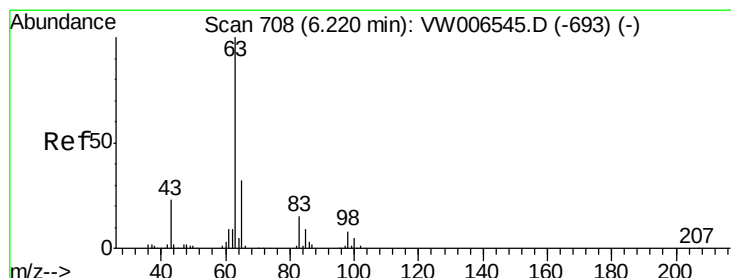
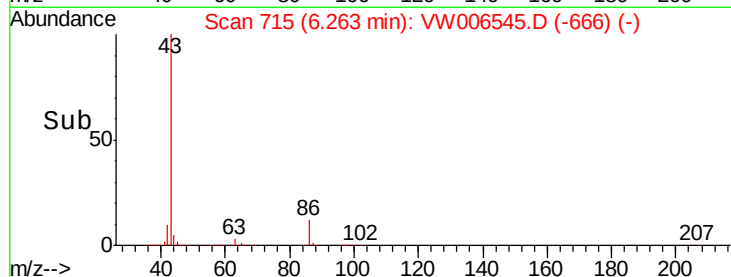
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.024 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

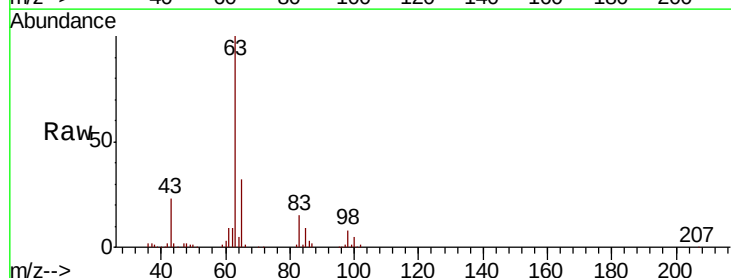
Tgt Ion: 63 Resp: 230687

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

100000

80000

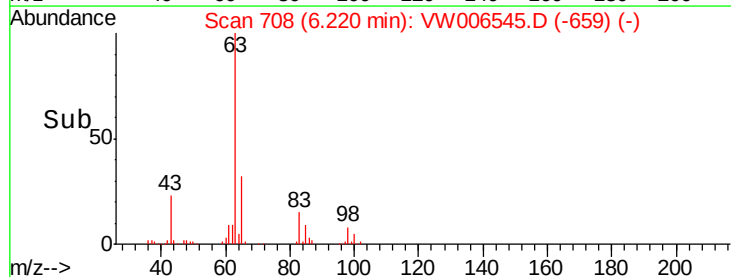
60000

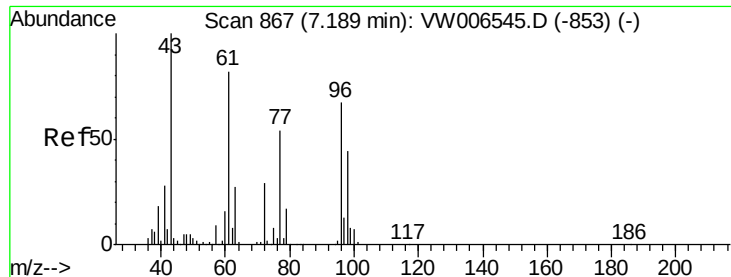
40000

20000

0

Time-->





#25

2-Butanone

Concen: 215.825 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 151162

Ion Ratio Lower Upper

43 100

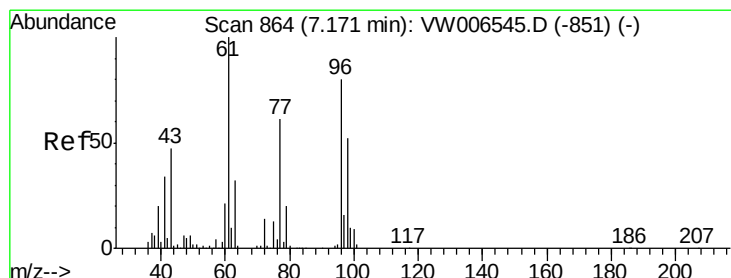
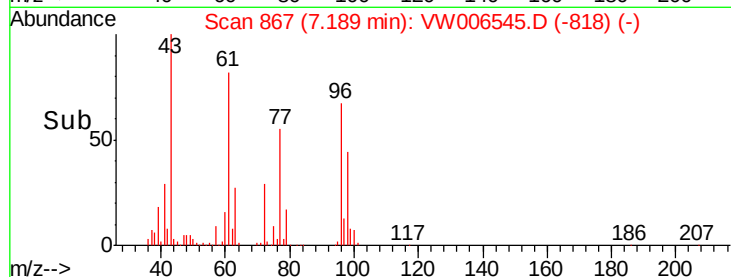
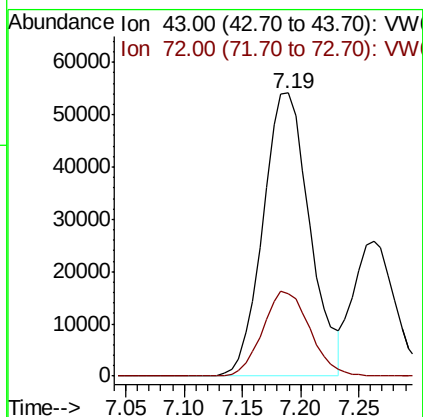
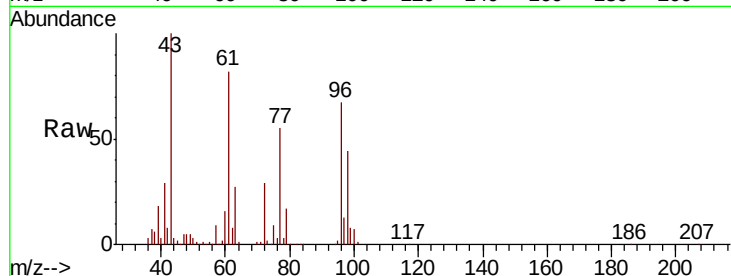
72 29.0 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 40.705 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006545.D

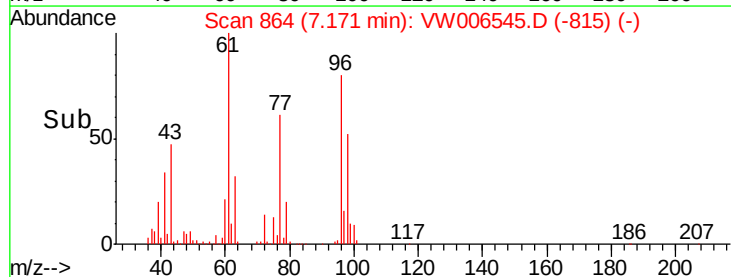
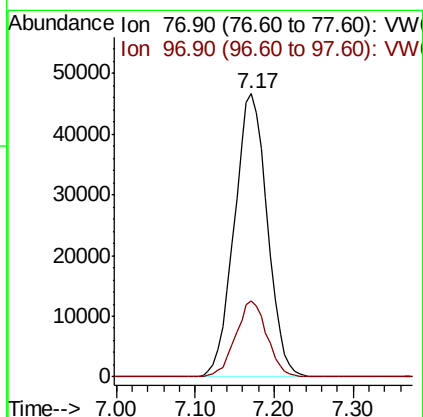
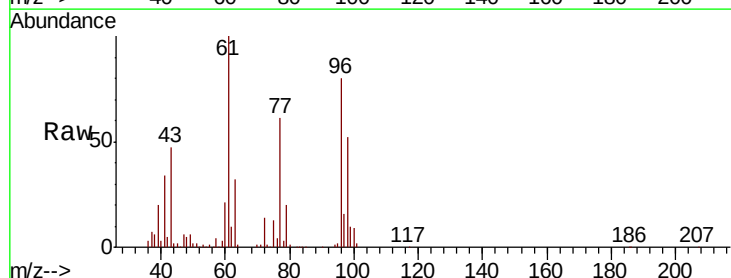
Acq: 01 Nov 2018 00:47

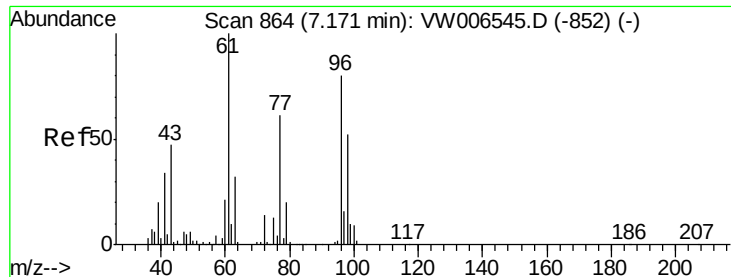
Tgt Ion: 77 Resp: 135291

Ion Ratio Lower Upper

77 100

97 25.6 12.8 38.4





#27

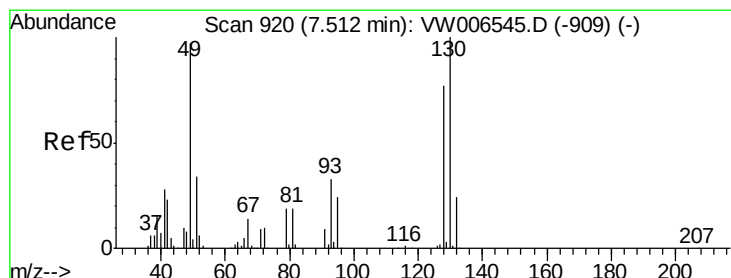
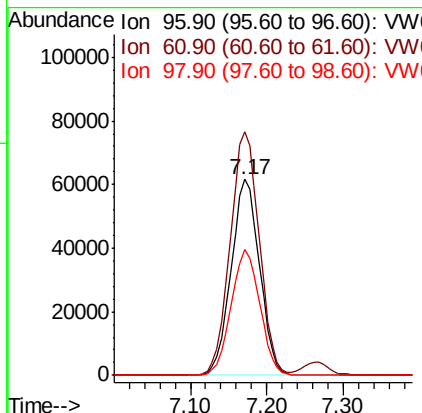
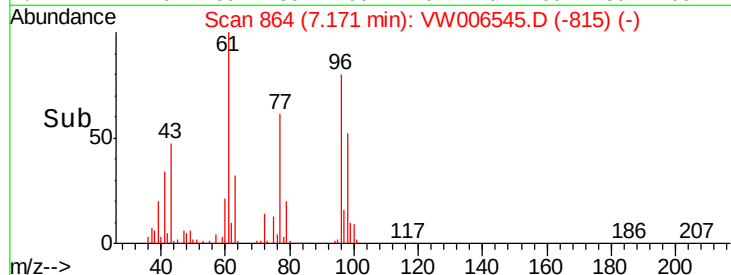
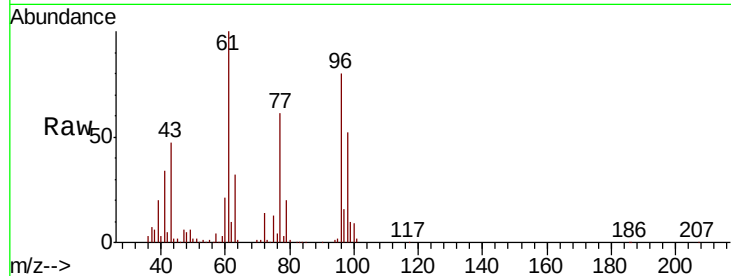
cis-1,2-Dichloroethene
Concen: 48.722 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.1	0.0	254.2
98	64.8	0.0	129.6

Manual Integrations
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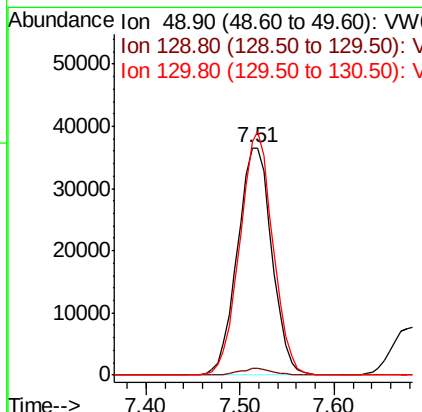
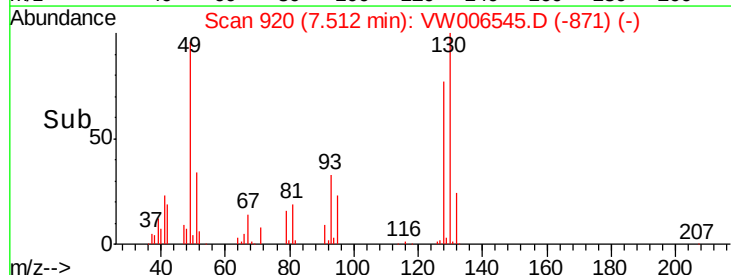
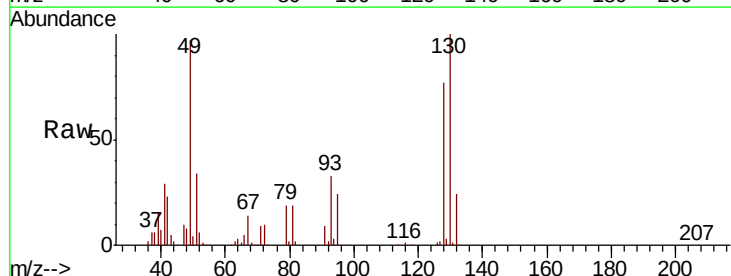
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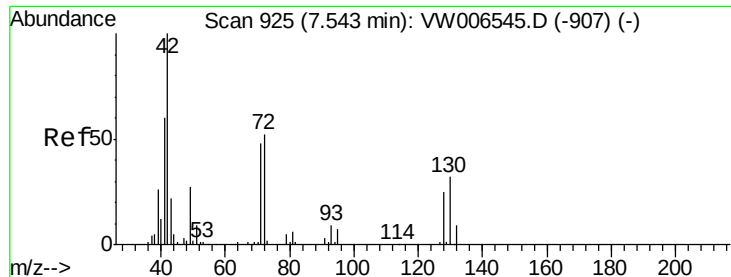


#28

Bromochloromethane
Concen: 50.564 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	102.7	82.2	123.2





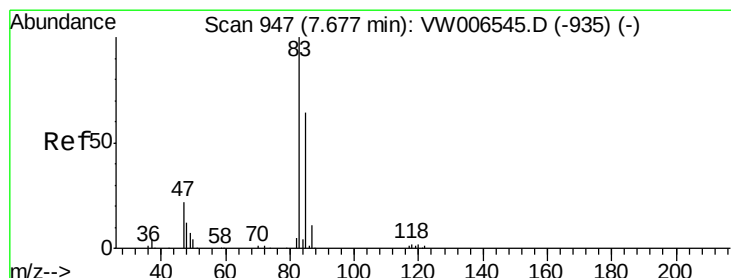
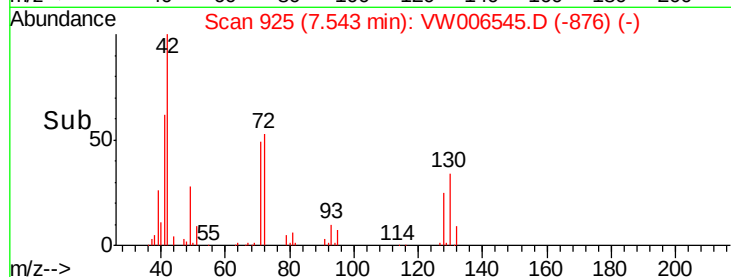
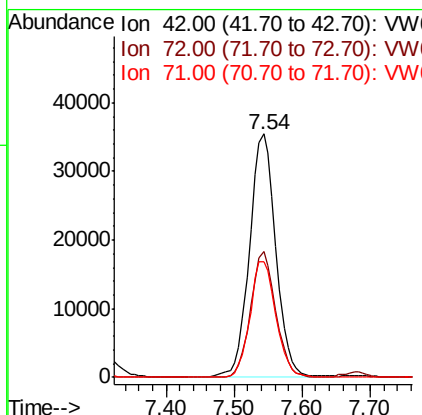
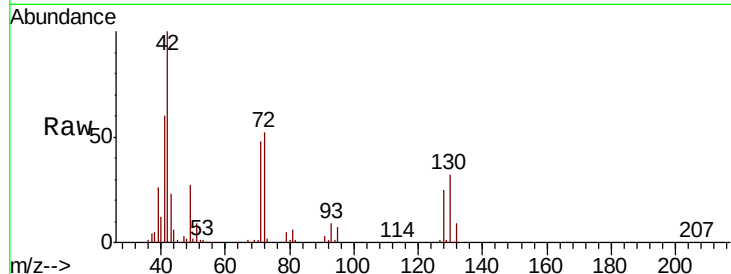
#29
Tetrahydrofuran
Concen: 223.073 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	39.2	58.8
71	47.0	37.6	56.4

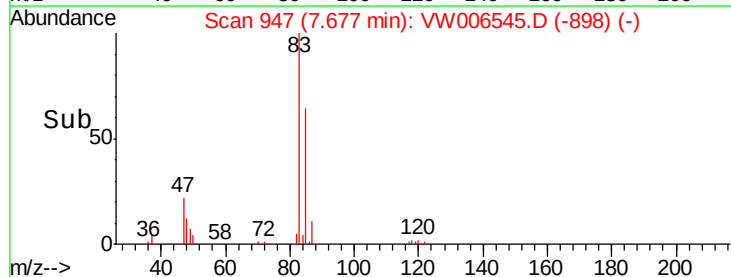
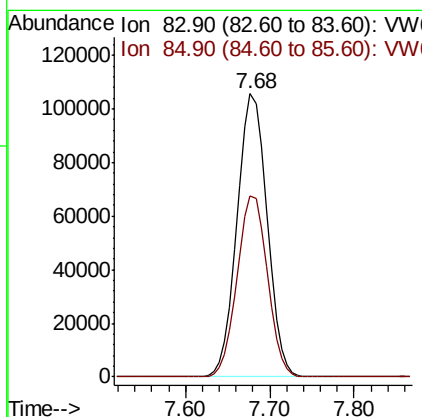
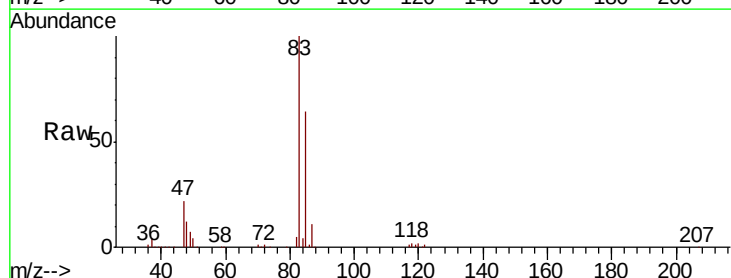
Manual Integrations
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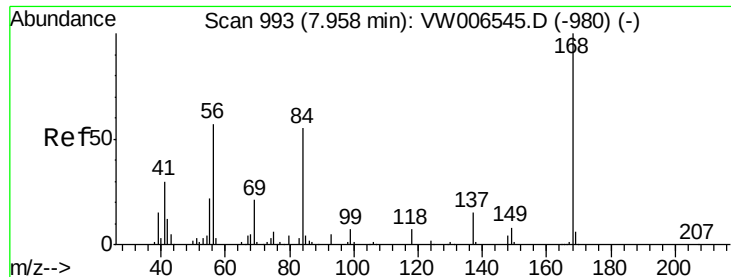
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#30
Chloroform
Concen: 48.405 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9





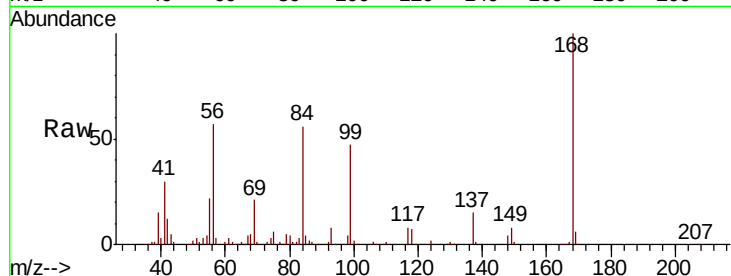
#31
Cyclohexane
Concen: 41.556 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	29.0	43.4
84	97.2	77.8	116.6

Manual Integrations
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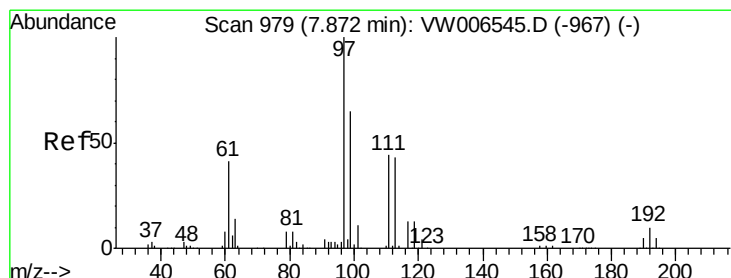
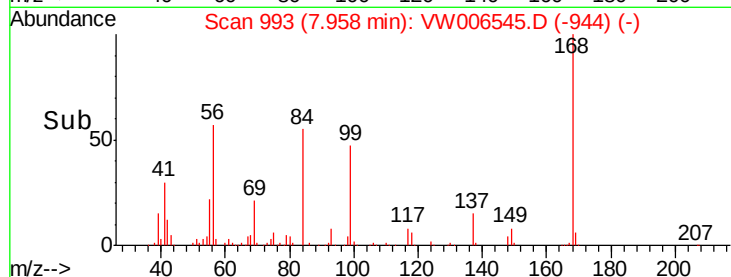
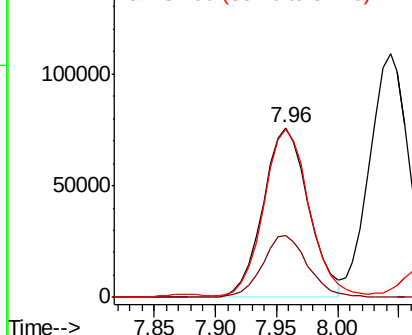


Abundance

Ion 56.00 (55.70 to 56.70): VW

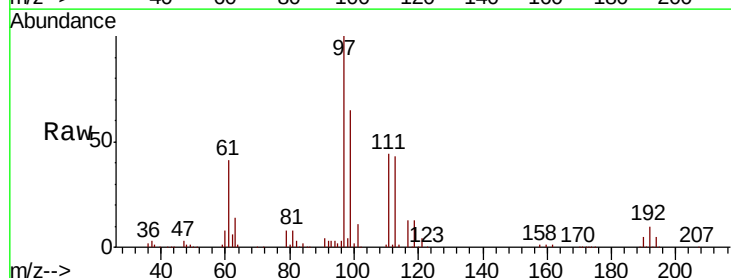
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 45.723 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	41.1	32.9	49.3

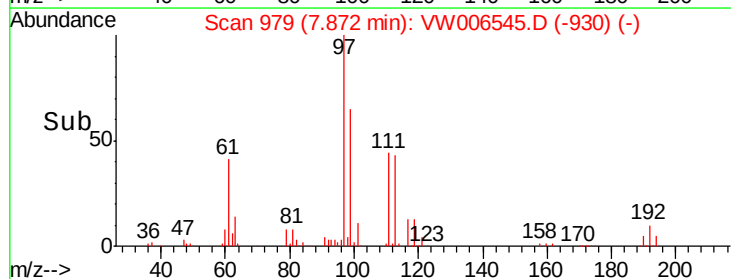
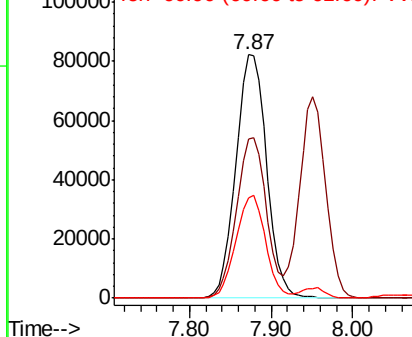


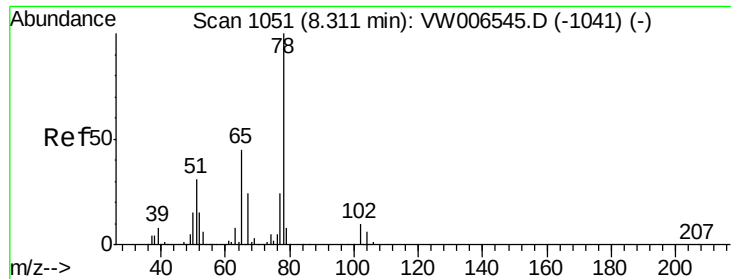
Abundance

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





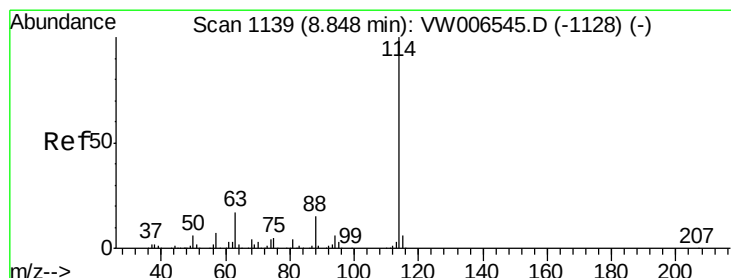
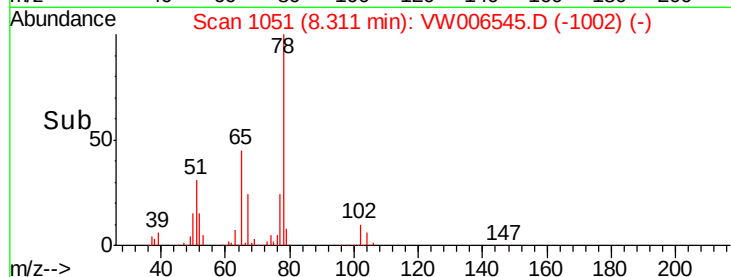
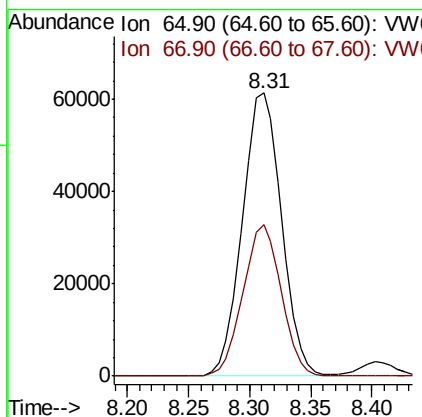
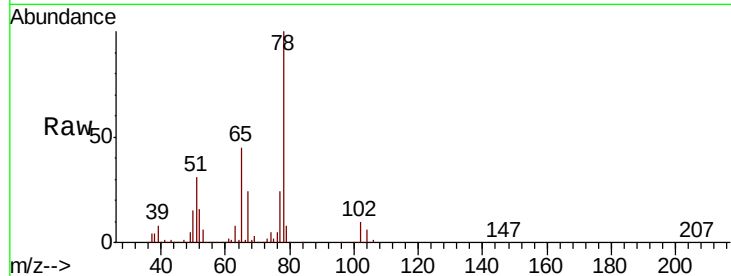
#33
 1,2-Dichloroethane-d4
 Concen: 51.651 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.4

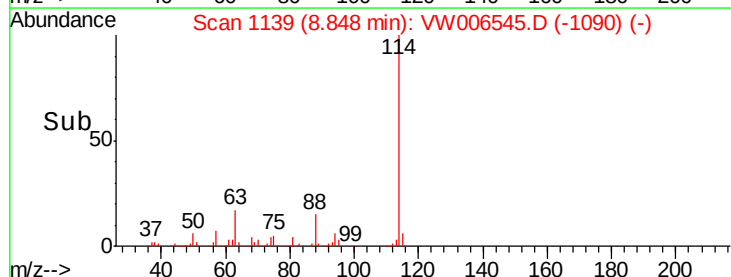
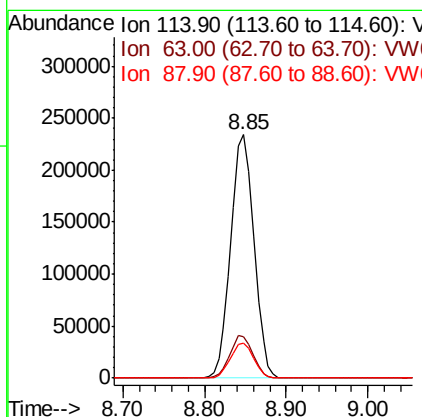
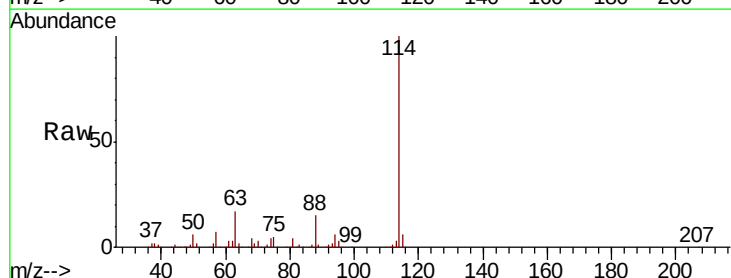
Manual Integrations
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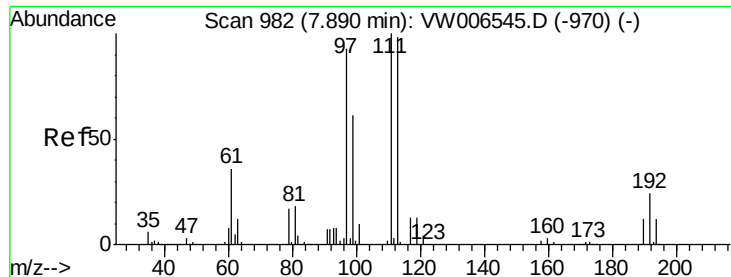
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	34.4
88	14.5	0.0	29.0





#35

Dibromofluoromethane

Concen: 52.621 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:113 Resp: 144013

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

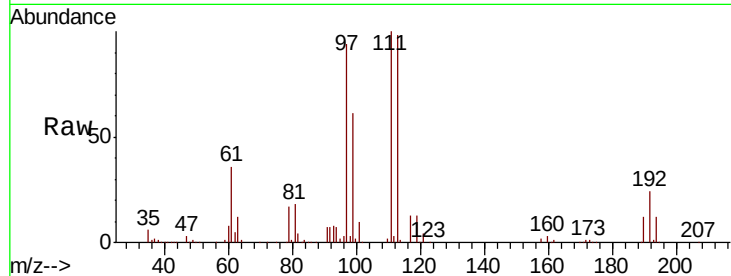
192 23.8 19.0 28.6

Manual Integrations

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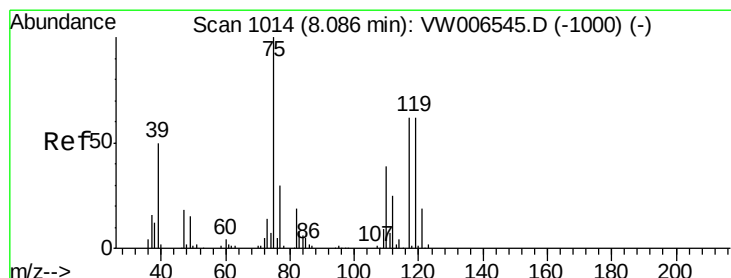
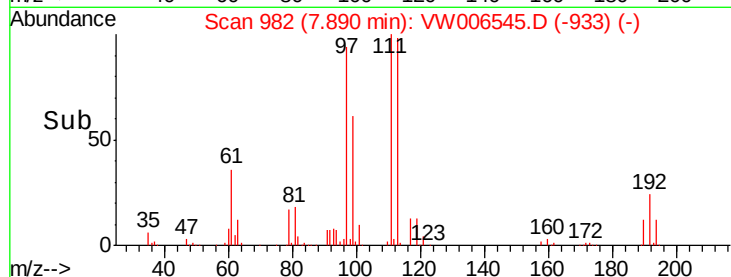
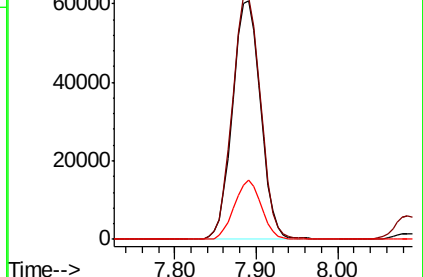
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.115 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

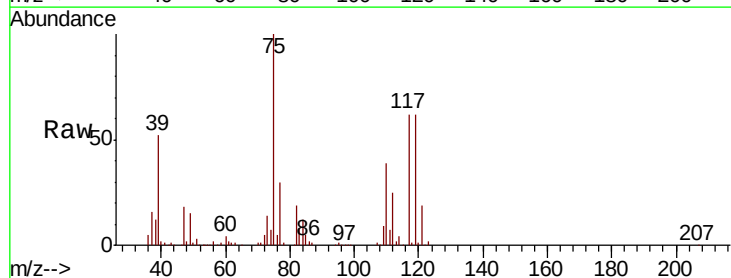
Tgt Ion: 75 Resp: 193125

Ion Ratio Lower Upper

75 100

110 39.0 19.5 58.5

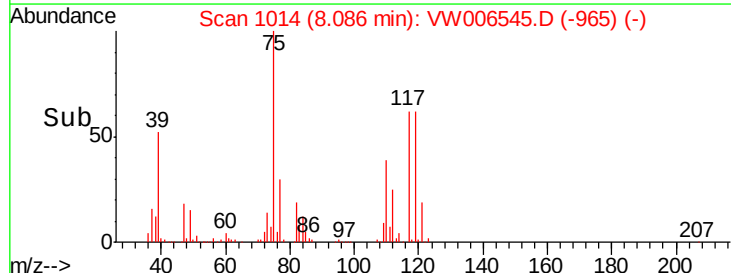
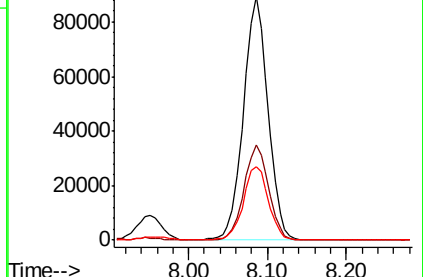
77 30.8 24.6 37.0

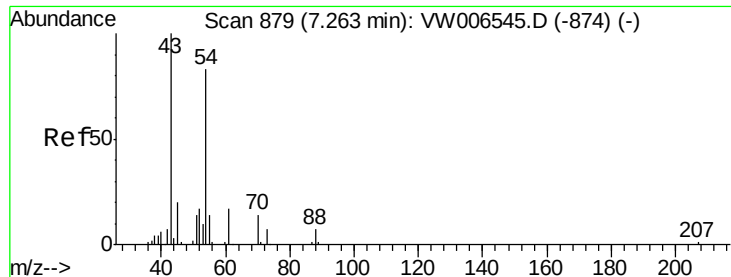


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





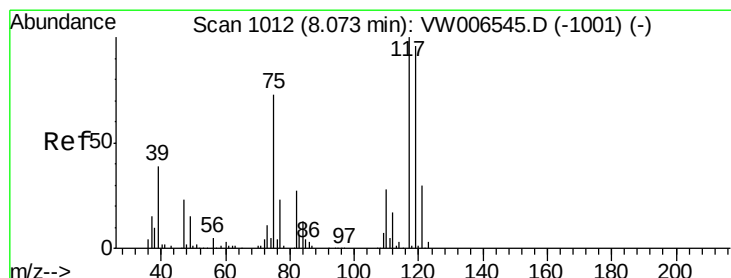
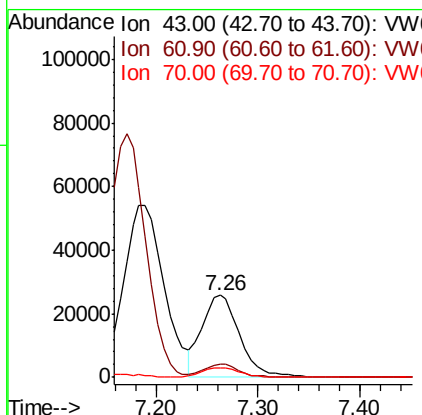
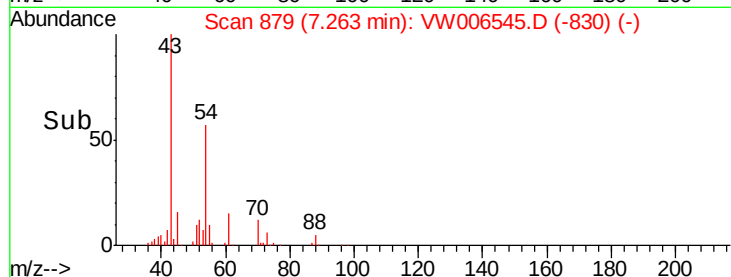
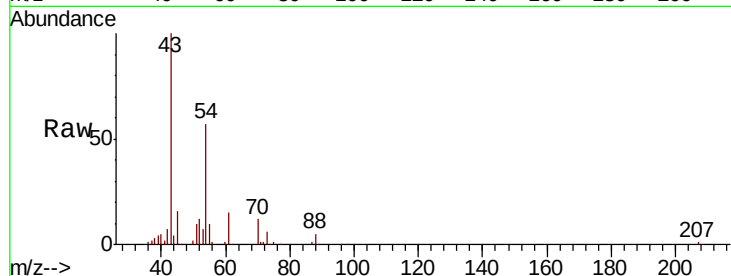
#37
Ethyl Acetate
Concen: 42.689 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	12.2	9.8	14.6

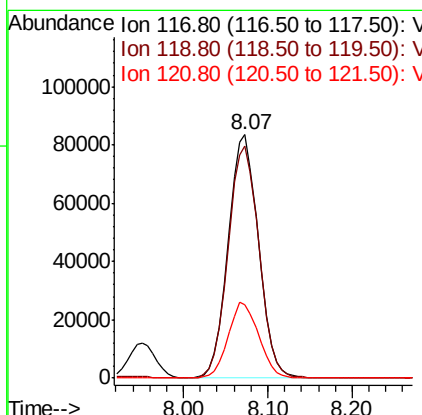
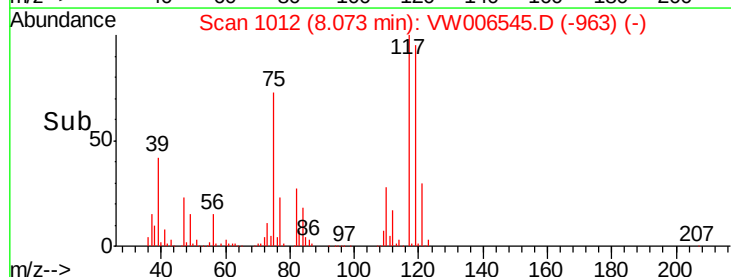
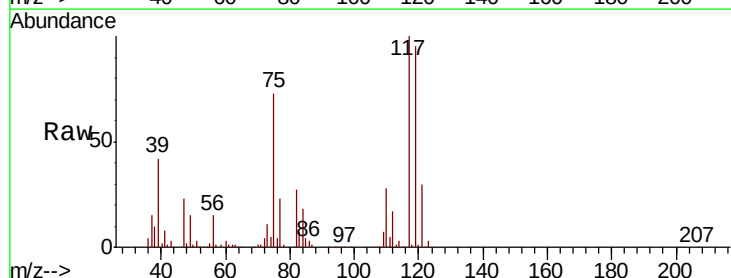
Manual Integrations
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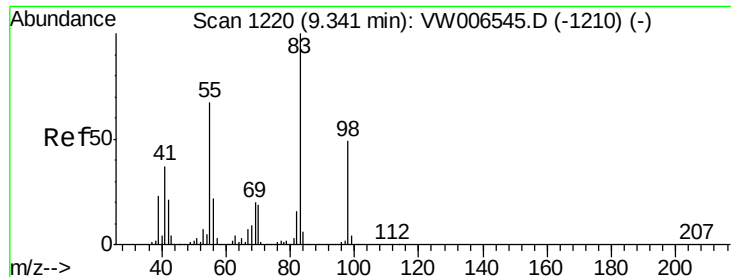
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#38
Carbon Tetrachloride
Concen: 44.764 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5
121	30.1	24.1	36.1





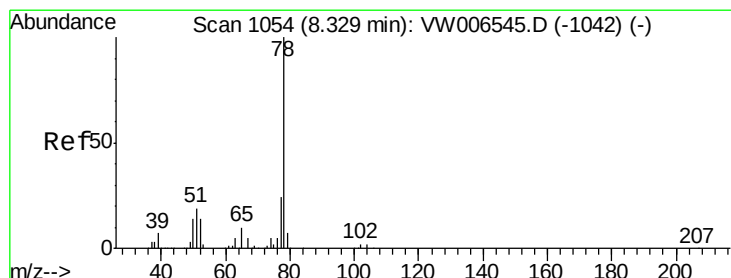
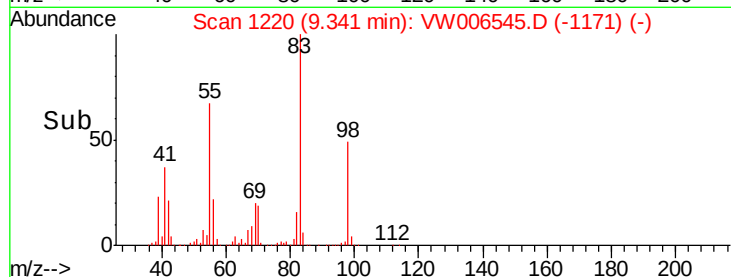
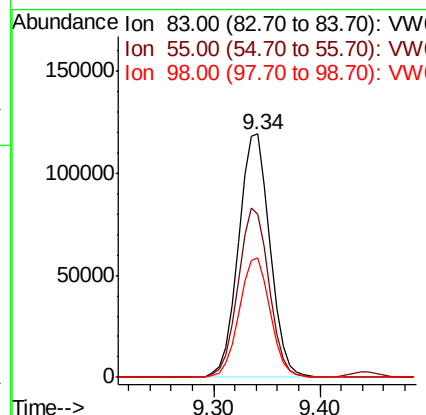
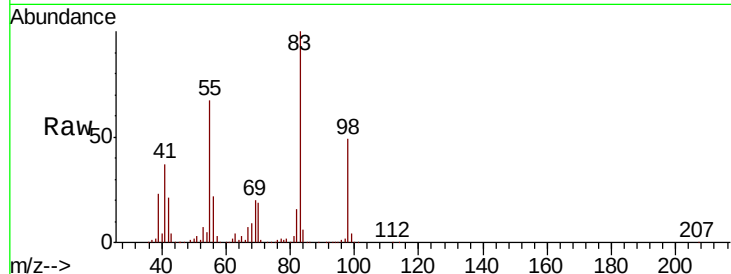
#39
Methylvlcyclohexane
Concen: 44.752 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	247868
Ion Ratio	100	Lower	Upper
83	100		
55	67.1	53.7	80.5
98	49.0	39.2	58.8

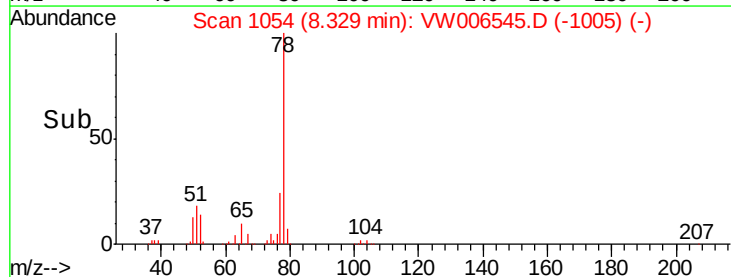
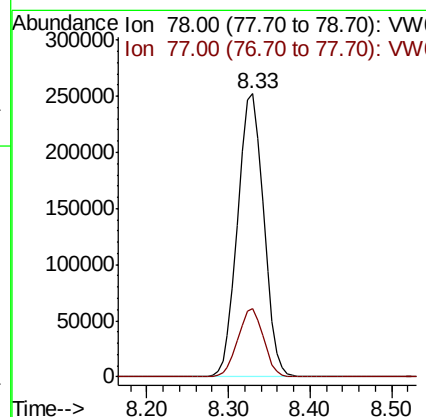
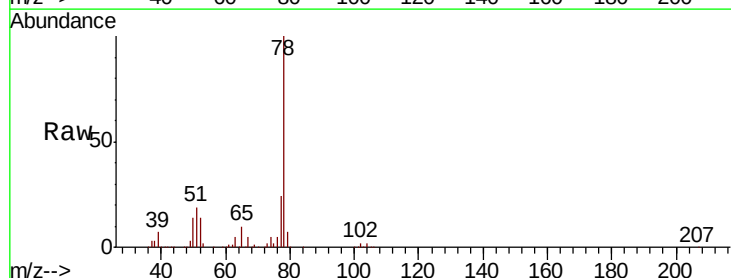
Manual Integrations
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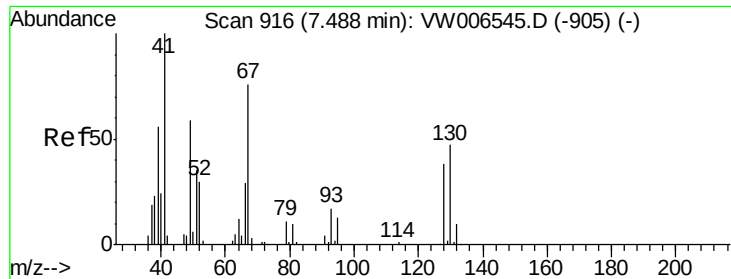
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#40
Benzene
Concen: 48.006 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	78	Resp	555857
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	19.2	28.8





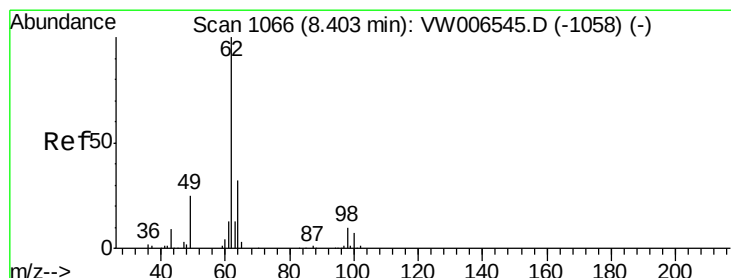
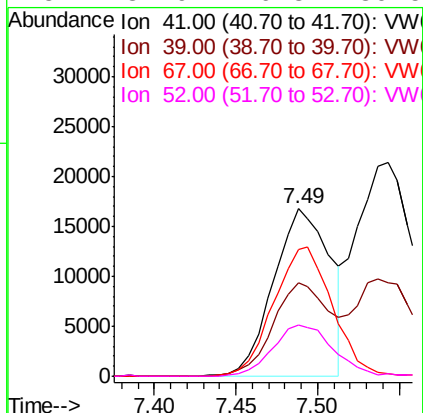
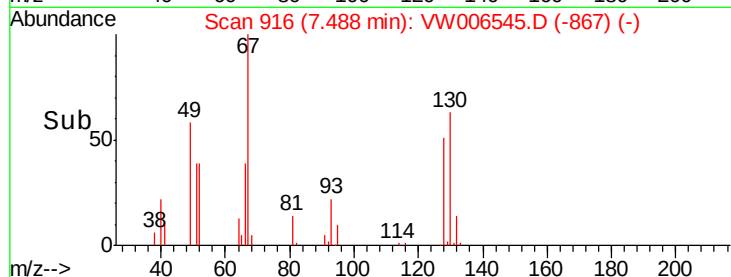
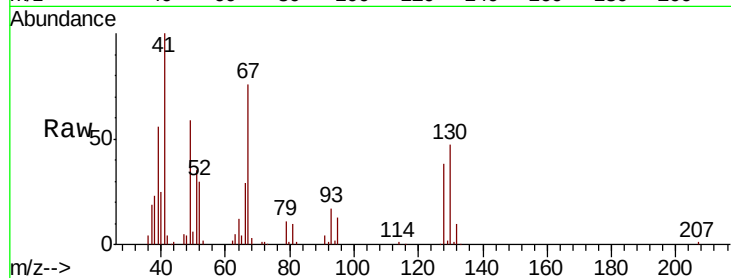
#41
Methacrylonitrile
Concen: 43.787 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.5	66.7
67	79.8	63.8	95.8
52	32.9	26.3	39.5

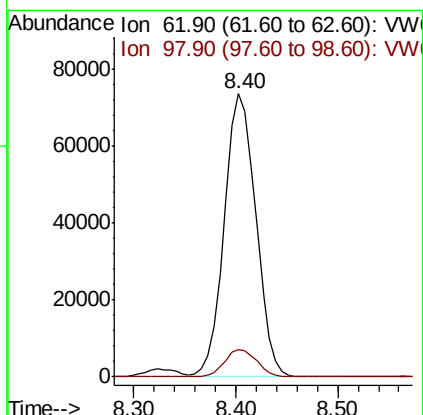
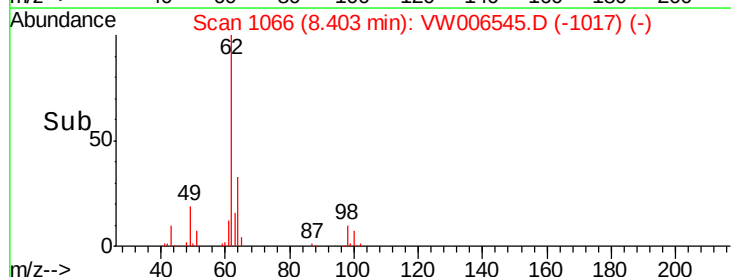
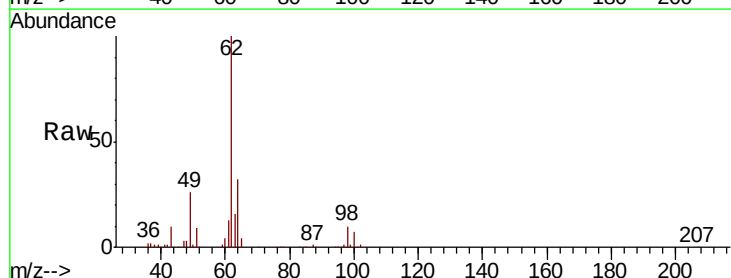
Manual Integrations
APPROVED

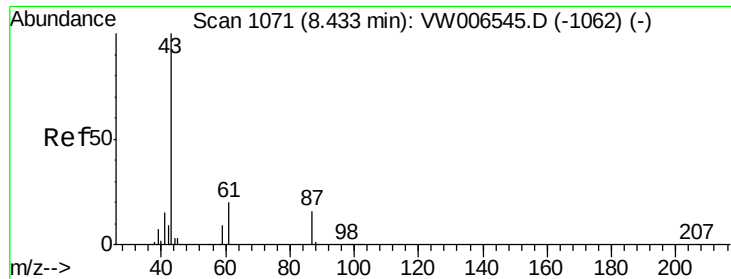
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#42
1,2-Dichloroethane
Concen: 46.744 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 42.496 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

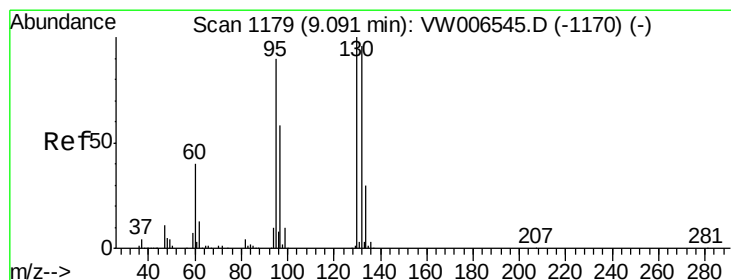
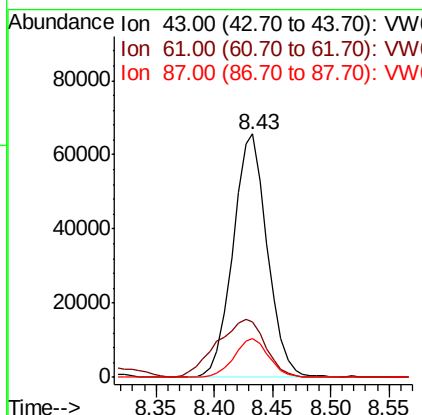
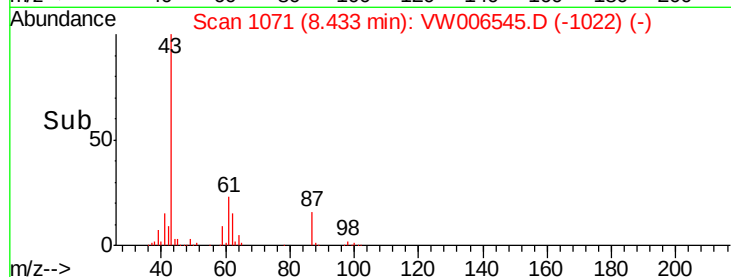
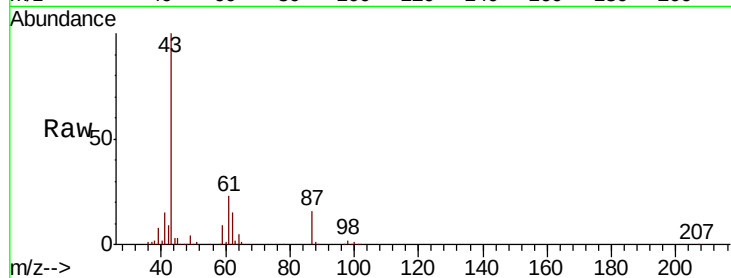
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	133671
Ion	Ratio	Lower	Upper
43	100		
61	34.0	27.2	40.8
87	16.1	12.9	19.3

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#44

Trichloroethene

Concen: 48.317 ug/l

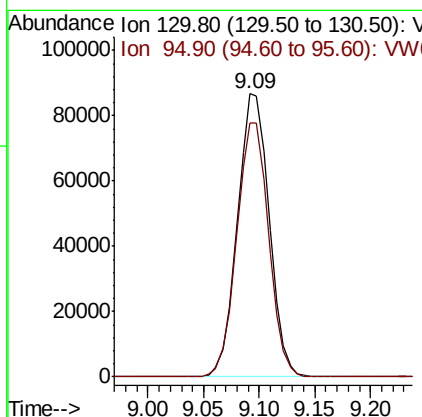
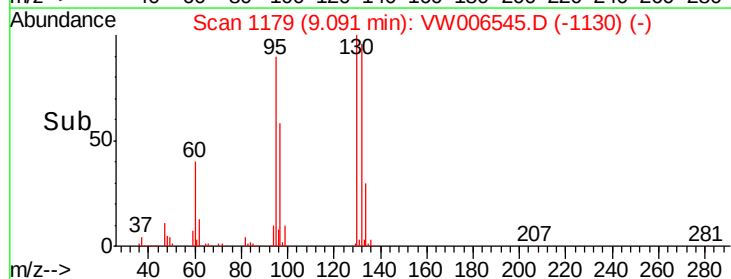
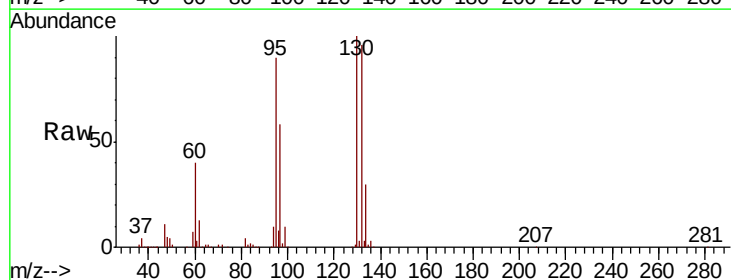
RT: 9.09 min Scan# 1179

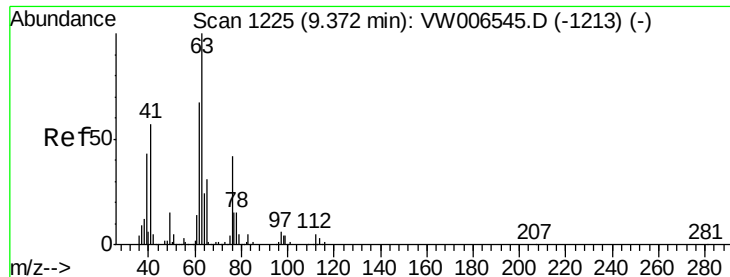
Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion:	130	Resp:	171723
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	179.2





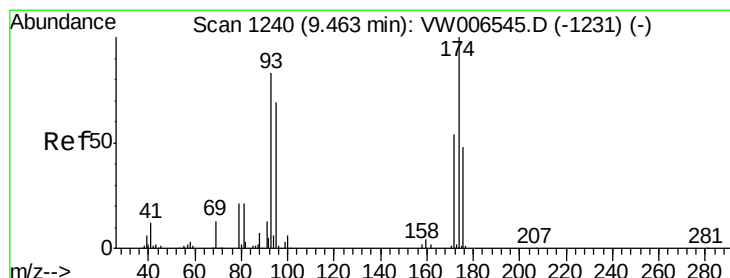
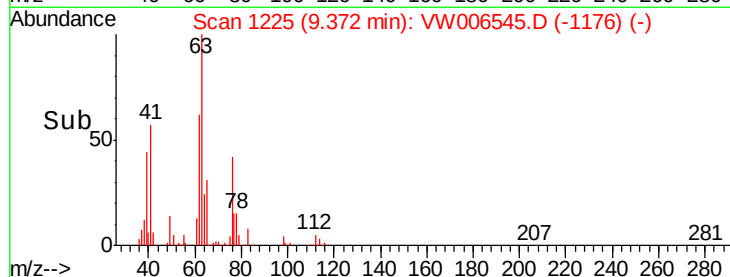
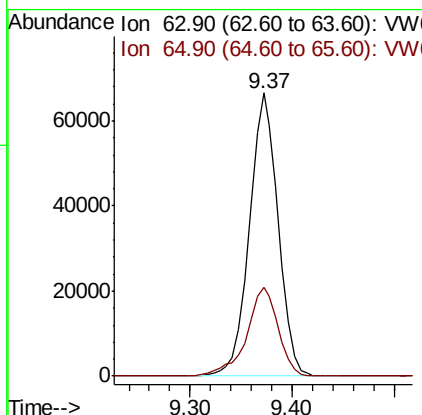
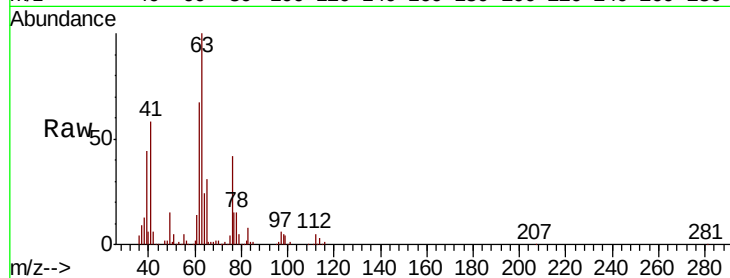
#45
1,2-Dichloropropane
Concen: 47.120 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.1	37.7

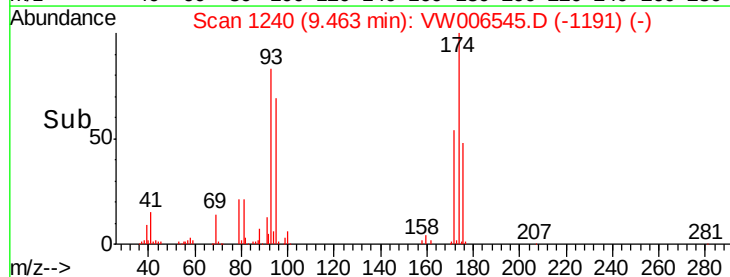
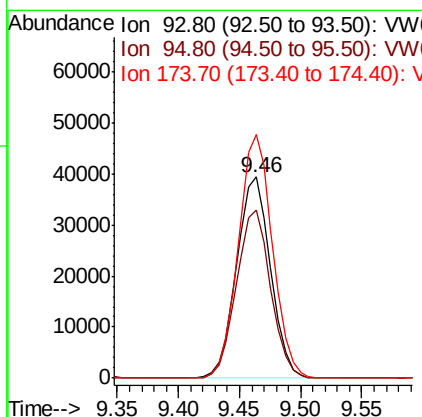
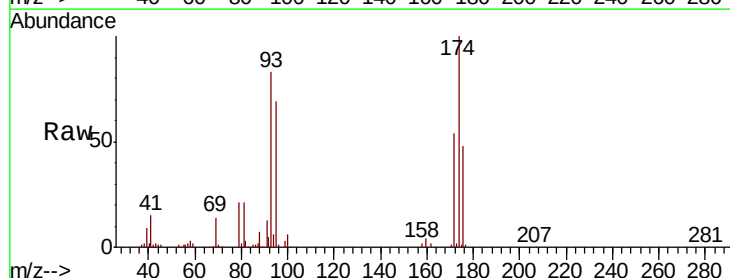
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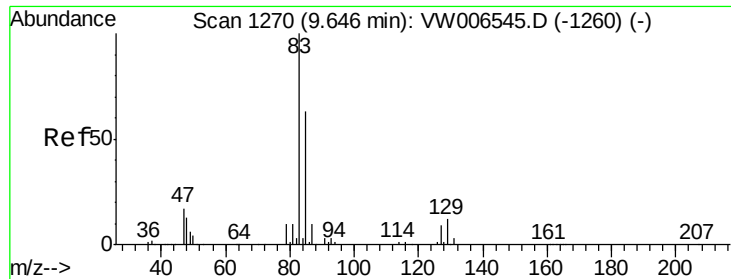
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#46
Dibromomethane
Concen: 48.006 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.2	100.8
174	121.6	97.3	145.9





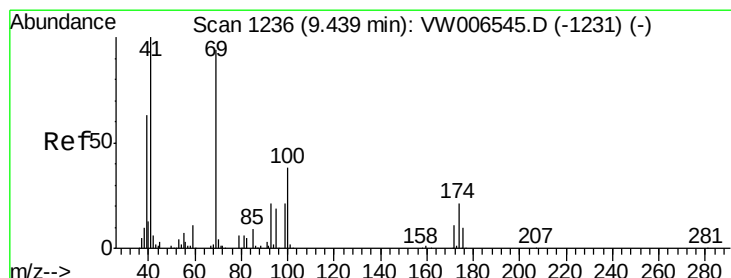
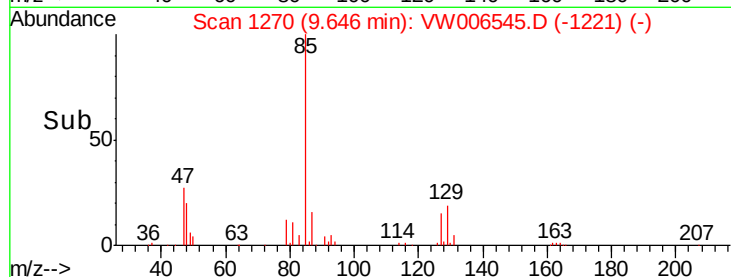
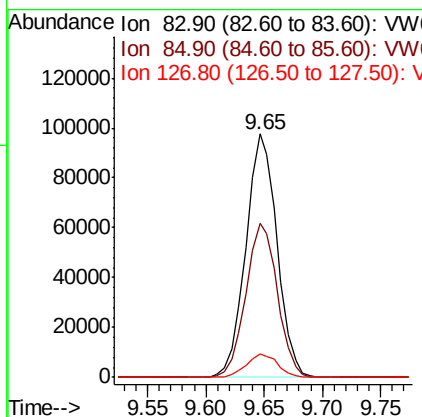
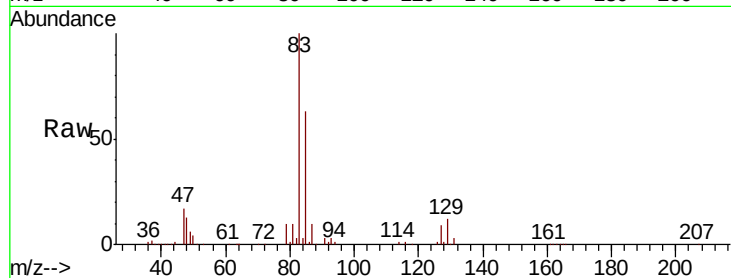
#47
Bromodichloromethane
Concen: 47.625 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	9.4	7.5	11.3

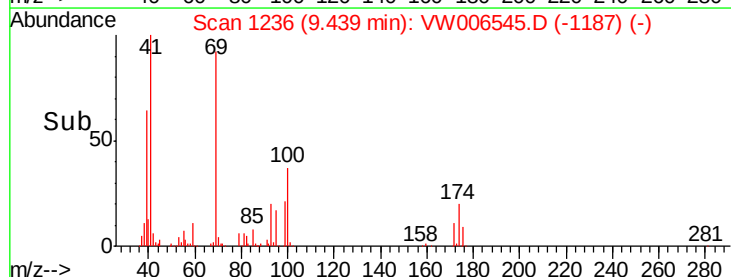
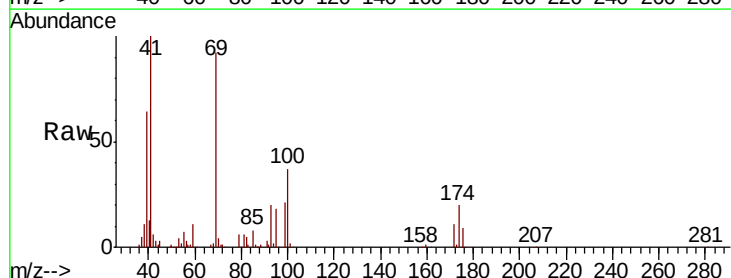
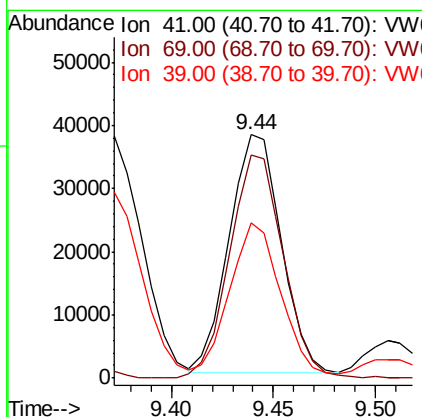
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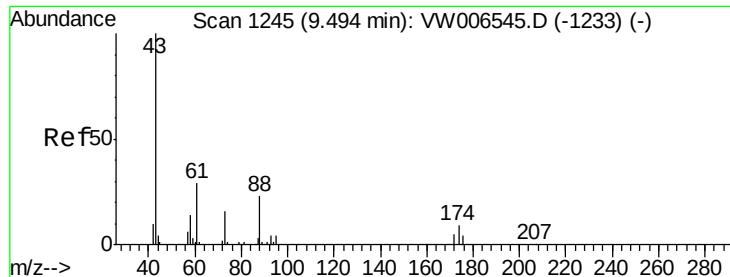
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#48
Methyl methacrylate
Concen: 44.618 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
41	100		
69	97.3	77.8	116.8
39	60.9	48.7	73.1





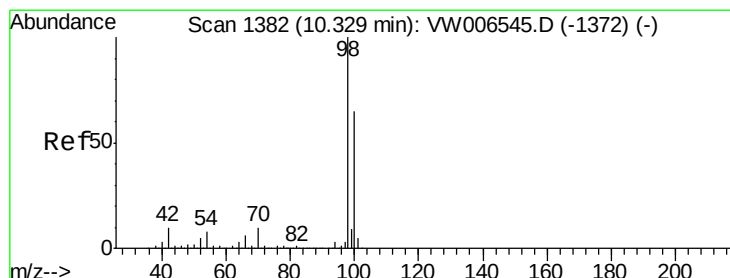
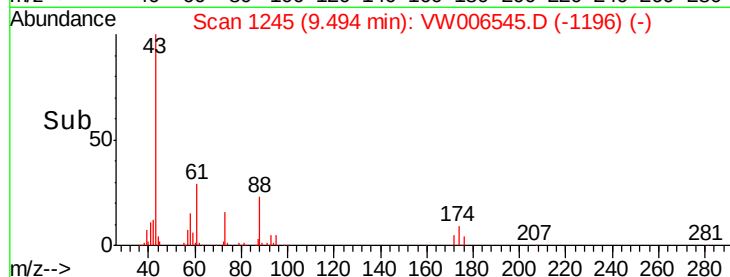
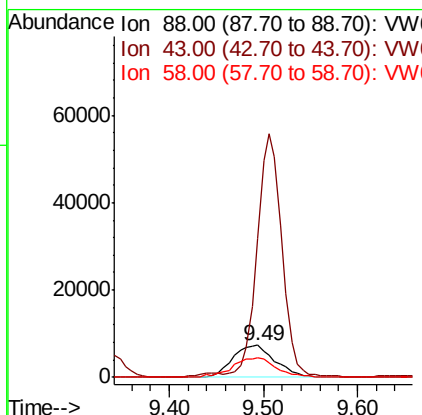
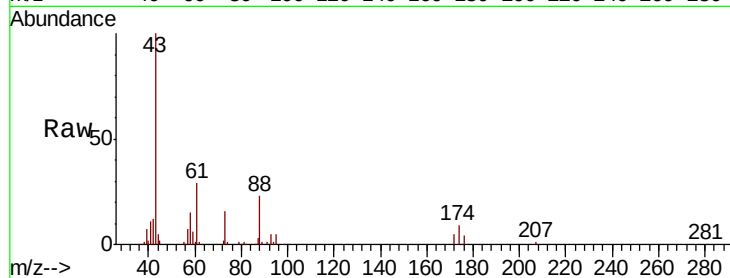
#49
1,4-Dioxane
Concen: 959.454 ug/l
RT: 9.49 min Scan# 1245
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	23142
Ion Ratio	Lower	Upper	
88	100		
43	445.7	356.6	534.8
58	64.3	51.4	77.2

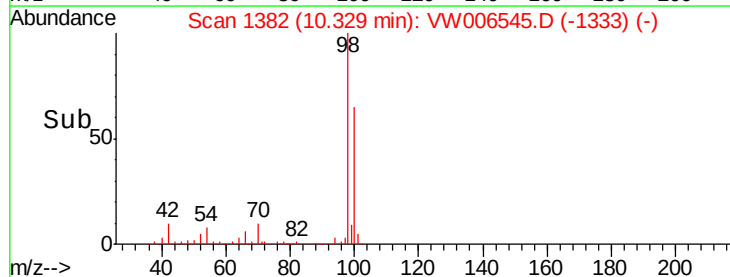
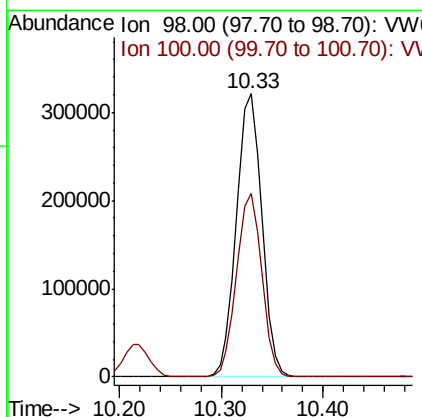
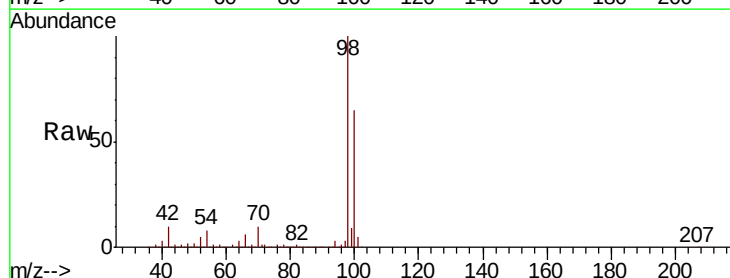
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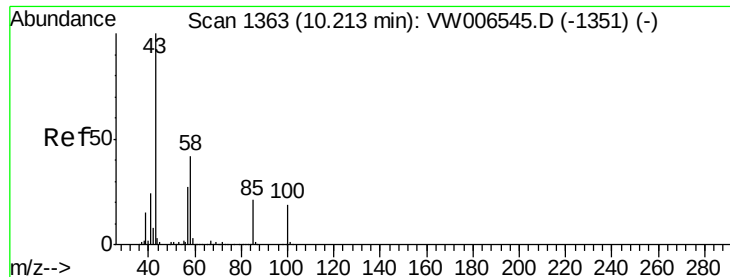
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#50
Toluene-d8
Concen: 53.032 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	98	Resp	553679
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.6	77.4





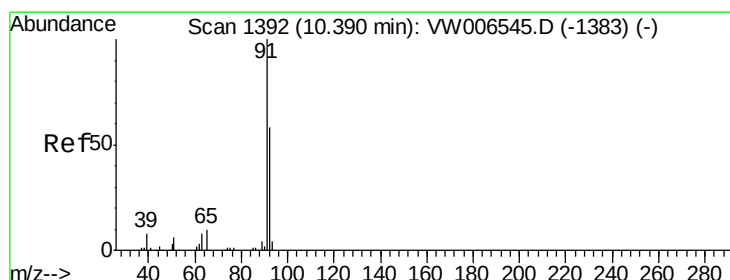
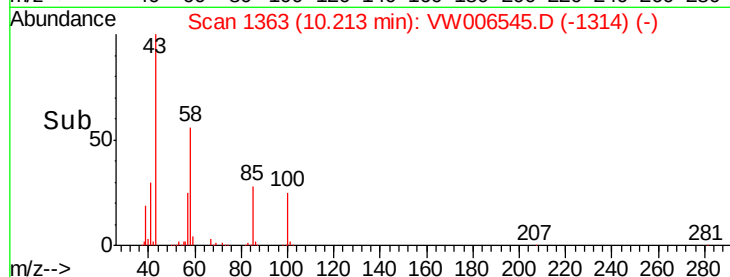
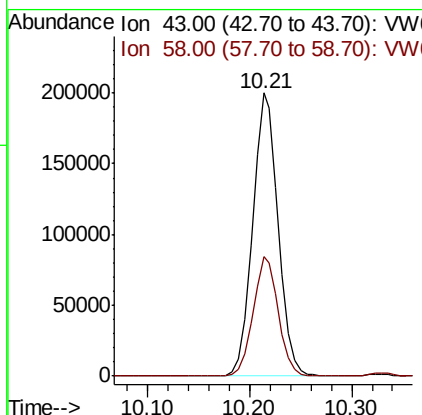
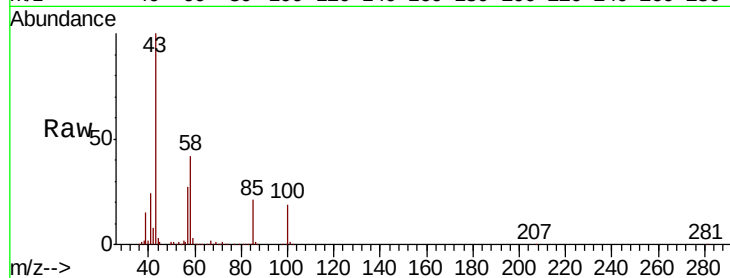
#51
4-Methyl-2-Pentanone
Concen: 219.521 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 347669
Ion Ratio Lower Upper
43 100
58 41.7 33.4 50.0

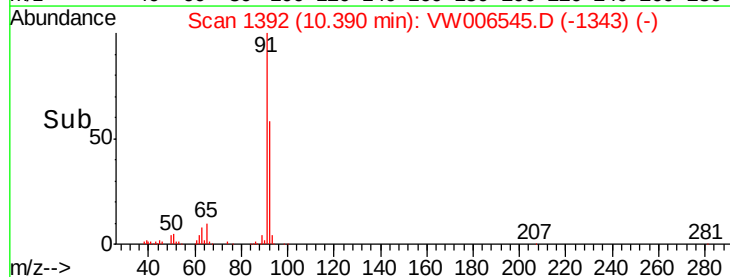
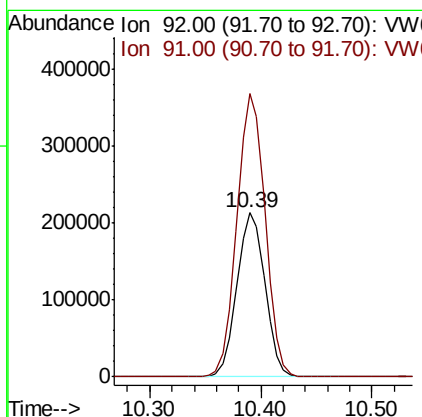
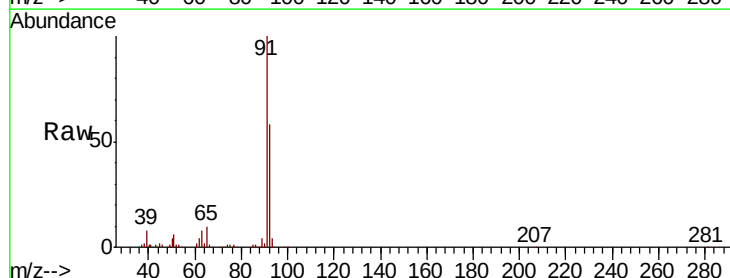
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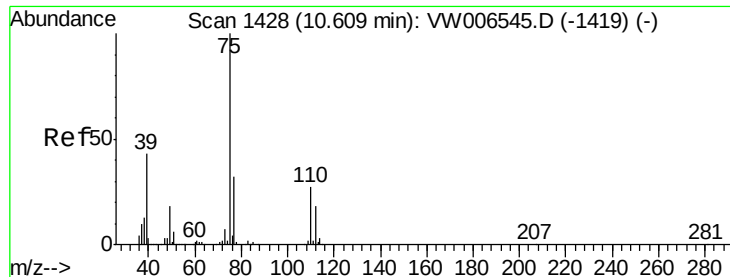
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#52
Toluene
Concen: 47.993 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion: 92 Resp: 372452
Ion Ratio Lower Upper
92 100
91 173.3 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 46.946 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 177545

Ion Ratio Lower Upper

75 100

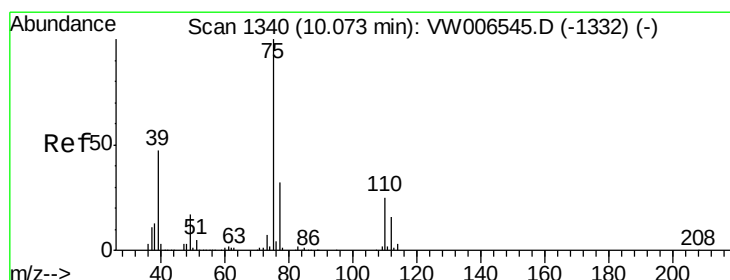
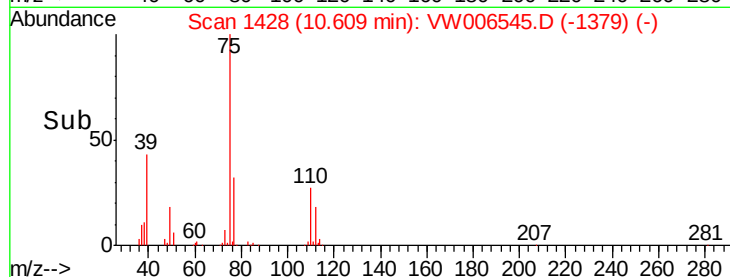
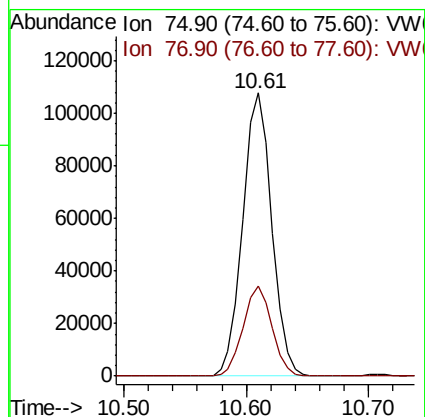
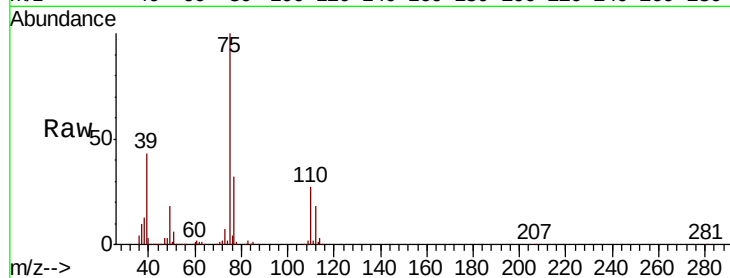
77 32.0 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 47.320 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

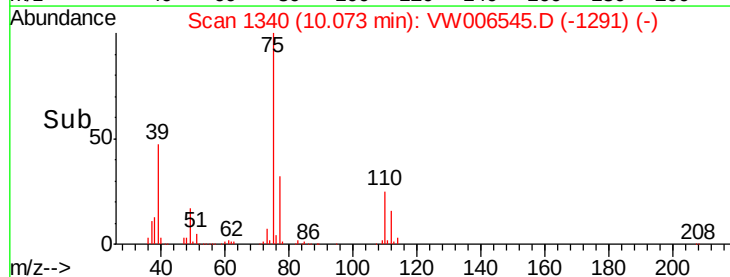
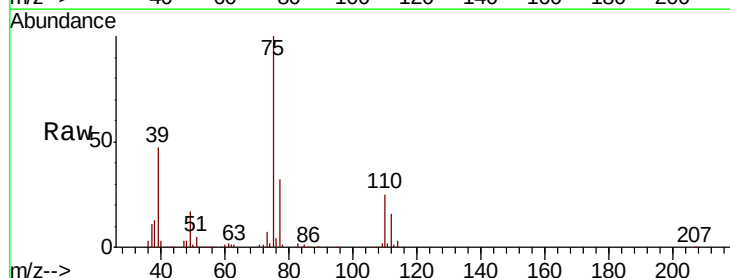
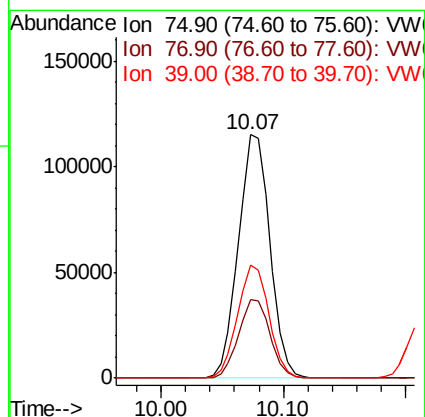
Tgt Ion: 75 Resp: 205868

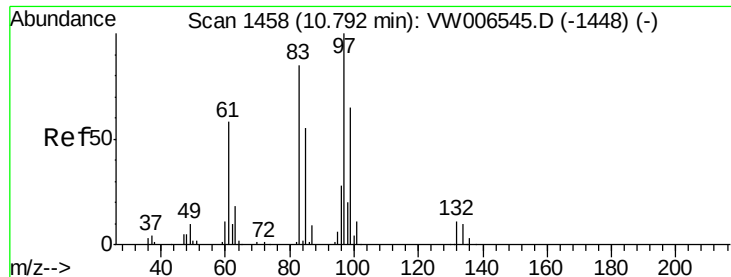
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 46.6 37.3 55.9





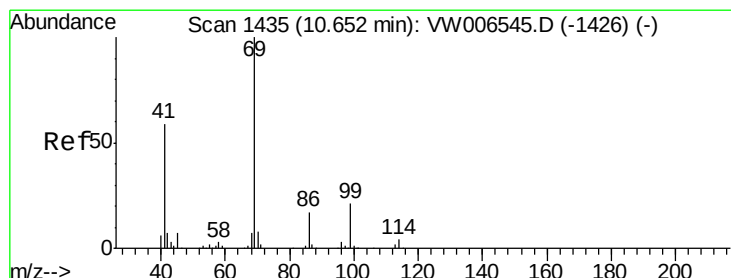
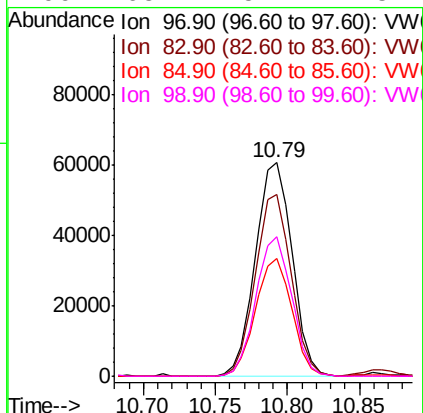
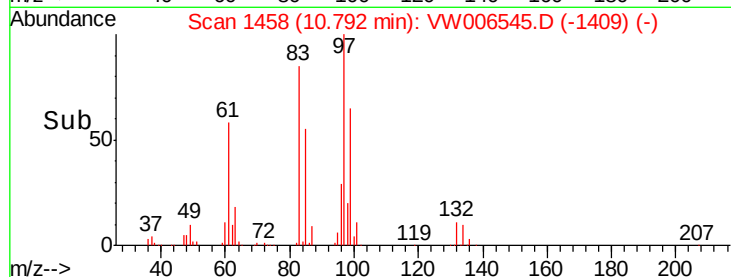
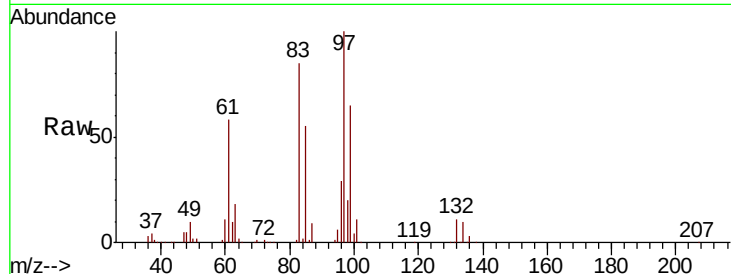
#55
 1,1,2-Trichloroethane
 Concen: 48.373 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	107021
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.9	101.9
85	55.0	44.0	66.0
99	65.2	52.2	78.2

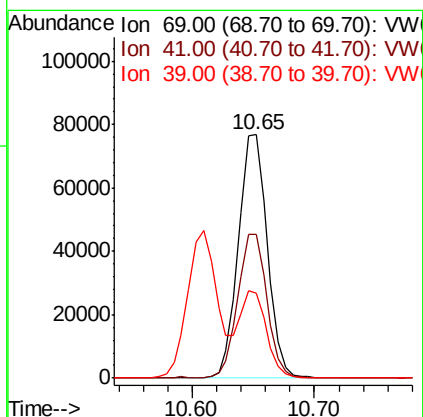
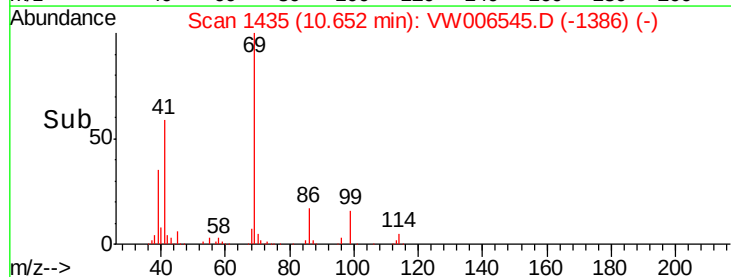
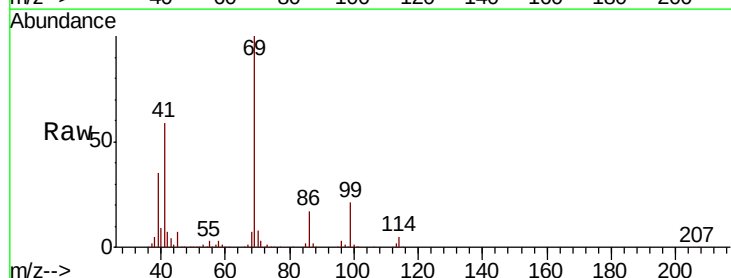
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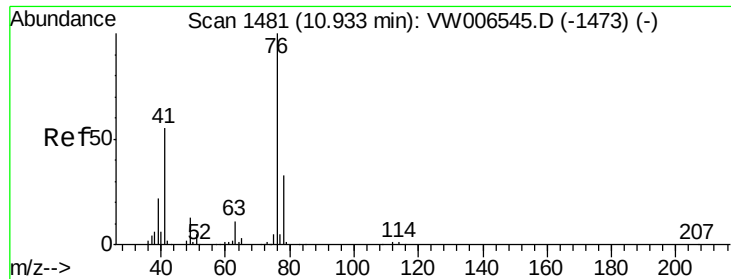
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#56
 Ethyl methacrylate
 Concen: 46.812 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion:	69	Resp:	126108
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.4	71.2
39	31.6	25.3	37.9





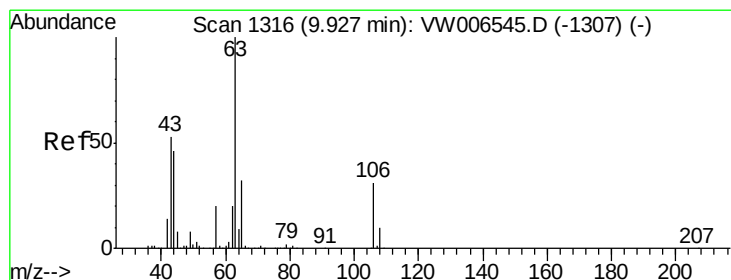
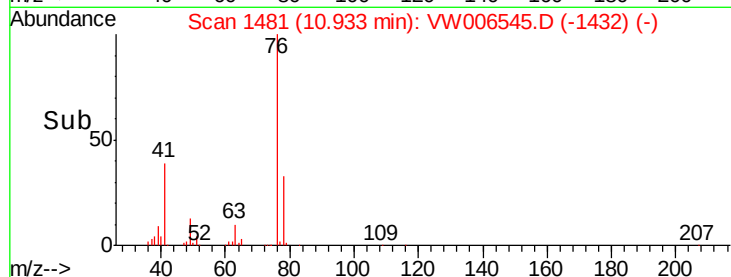
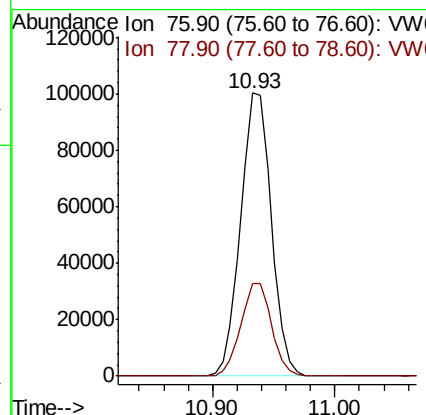
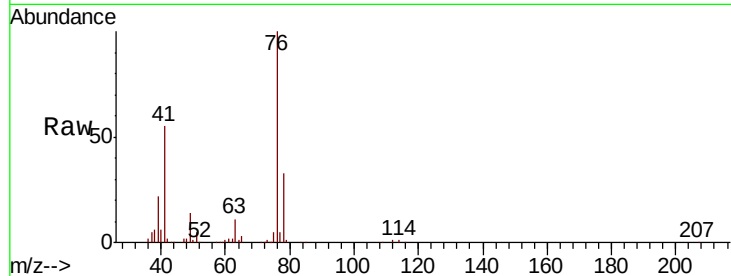
#57
 1,3-Dichloropropane
 Concen: 47.808 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion: 76 Resp: 174572
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4

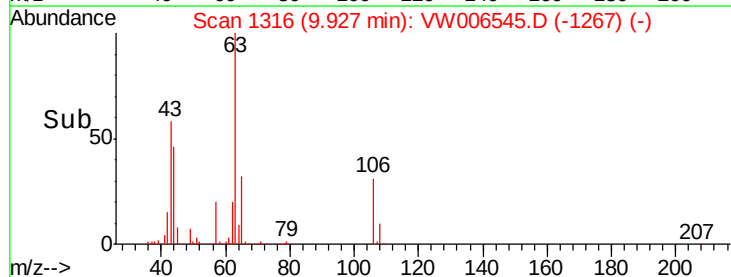
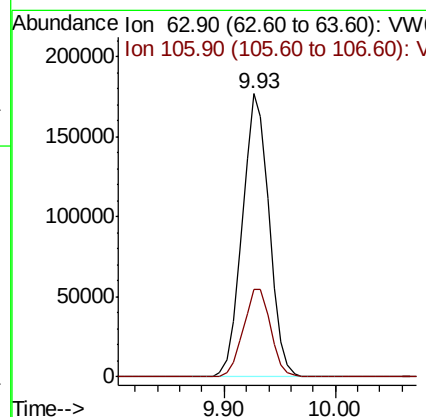
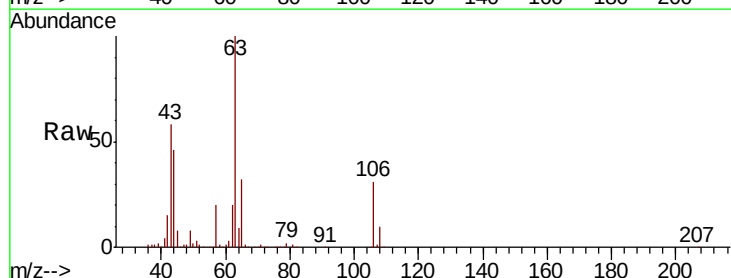
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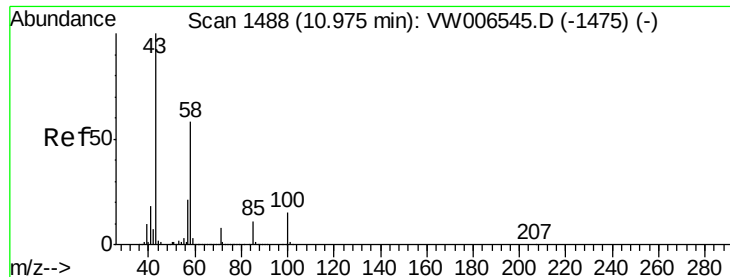
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#58
 2-Chloroethyl Vinyl ether
 Concen: 274.426 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion: 63 Resp: 293721
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.4 38.2





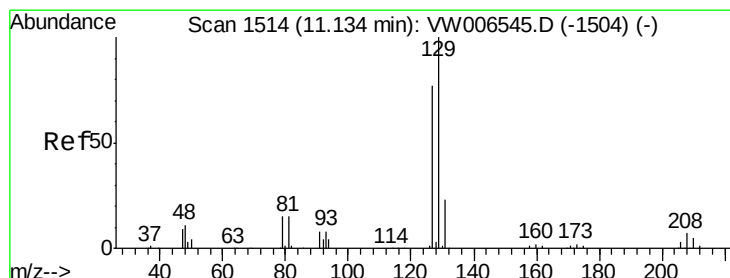
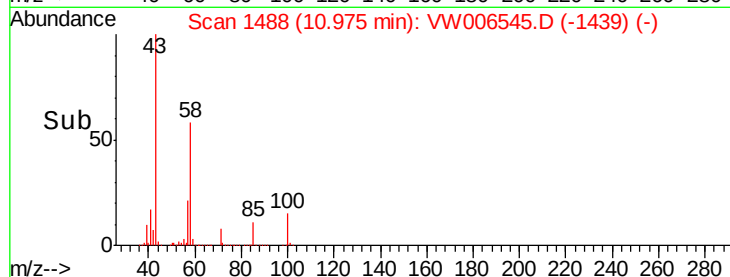
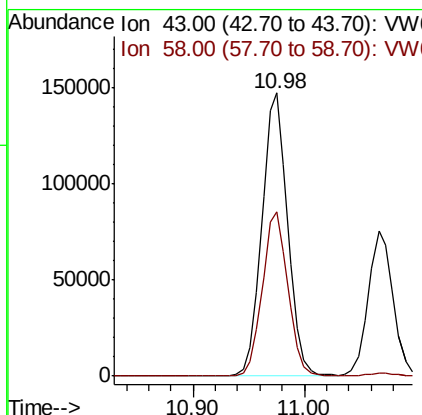
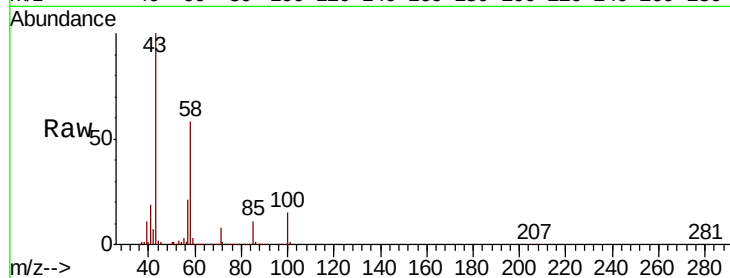
#59
2-Hexanone
Concen: 211.170 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 237784
Ion Ratio Lower Upper
43 100
58 57.6 28.8 86.4

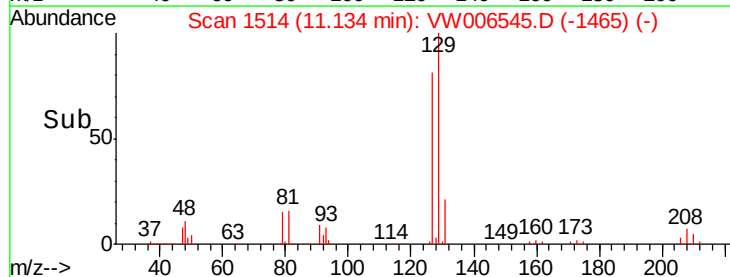
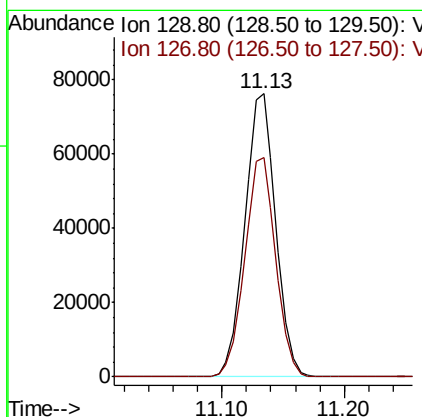
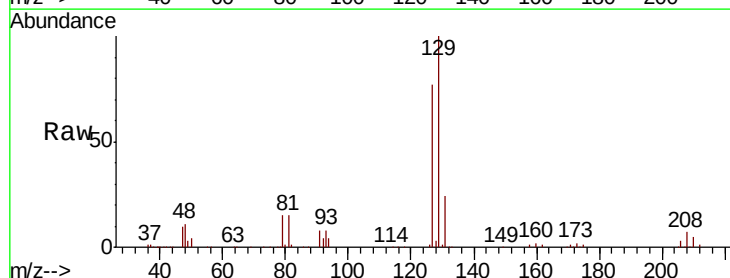
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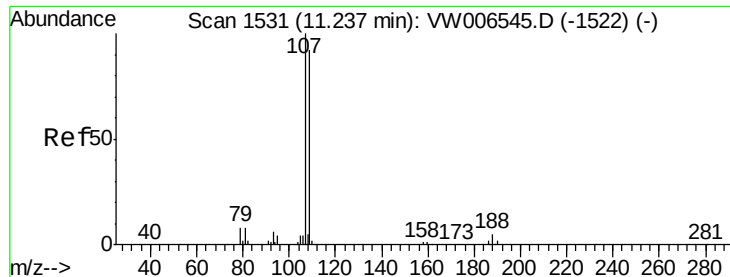
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#60
Dibromochloromethane
Concen: 48.632 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion: 129 Resp: 133402
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





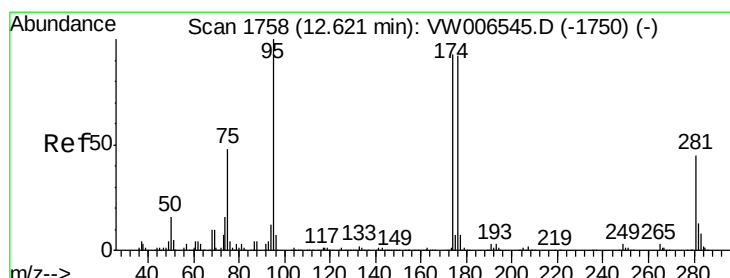
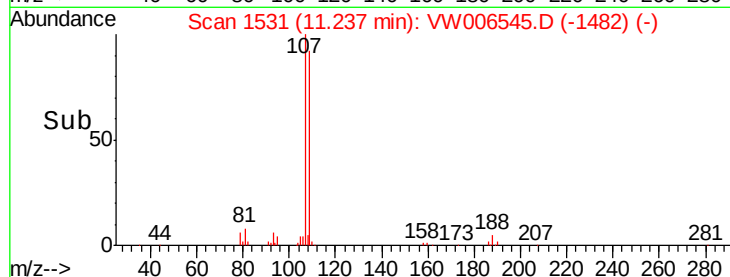
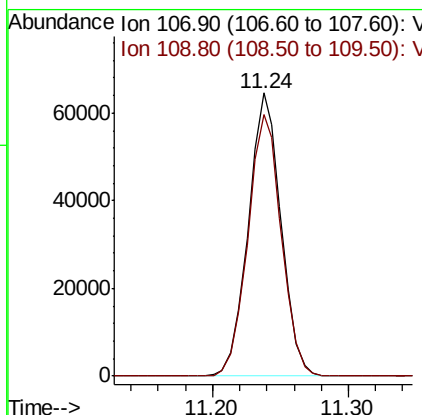
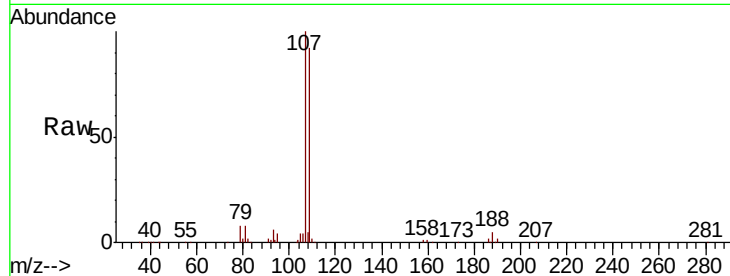
#61
 1,2-Dibromoethane
 Concen: 48.967 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.6

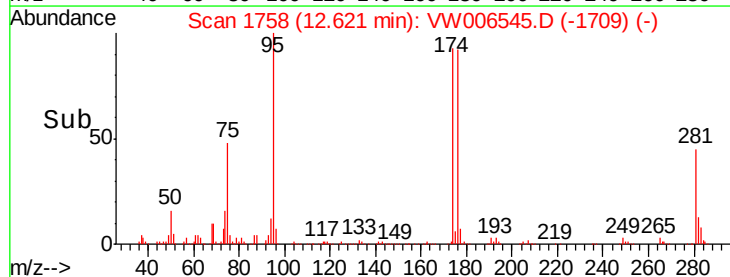
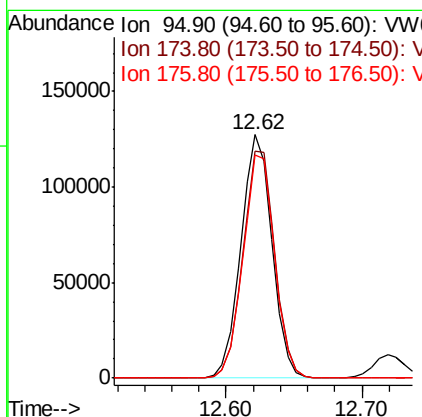
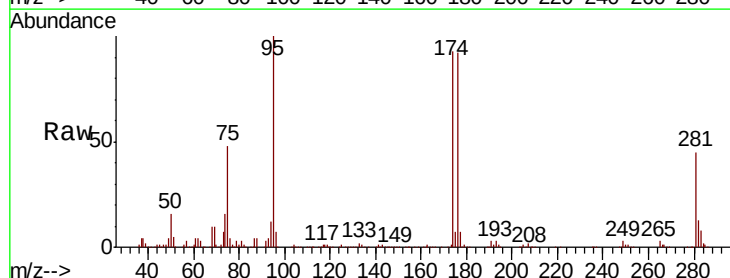
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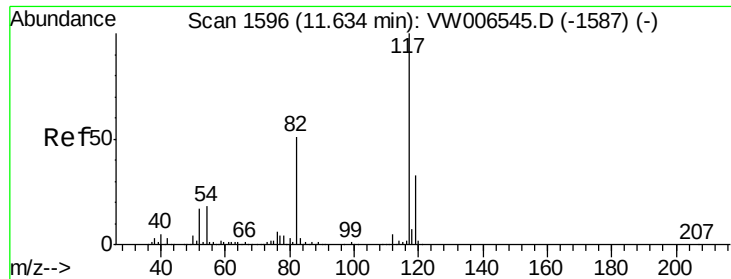
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#62
 4-Bromofluorobenzene
 Concen: 51.970 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	192.4
176	93.7	0.0	187.4





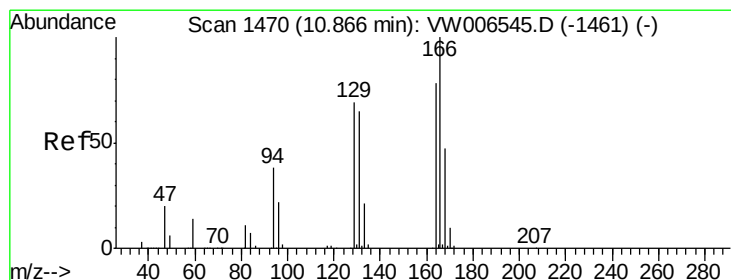
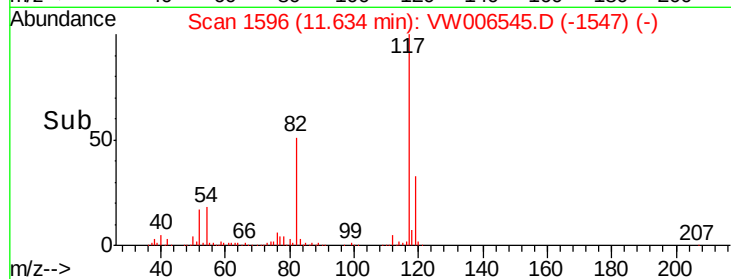
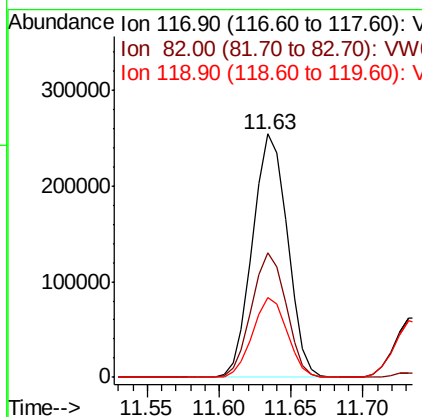
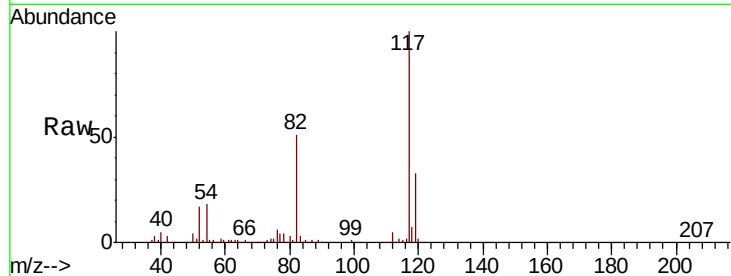
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.8	61.2
119	32.6	26.1	39.1

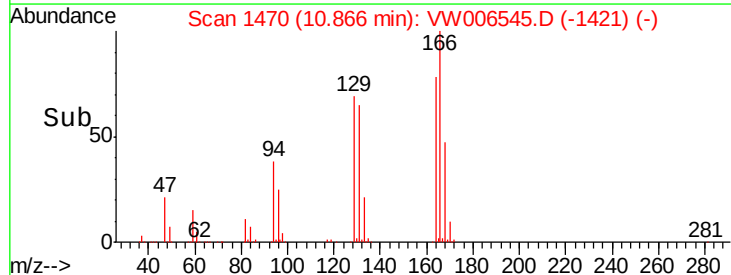
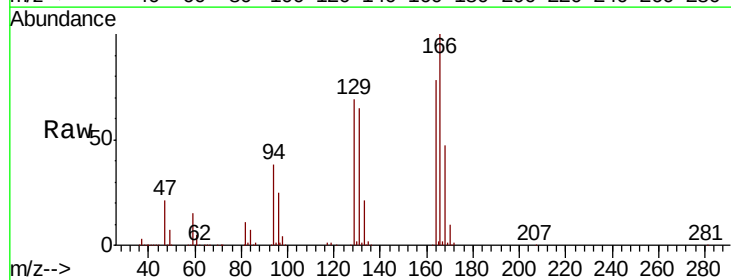
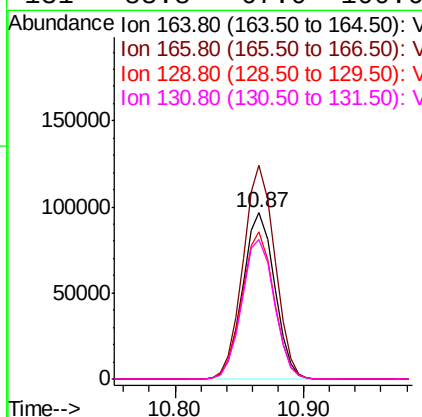
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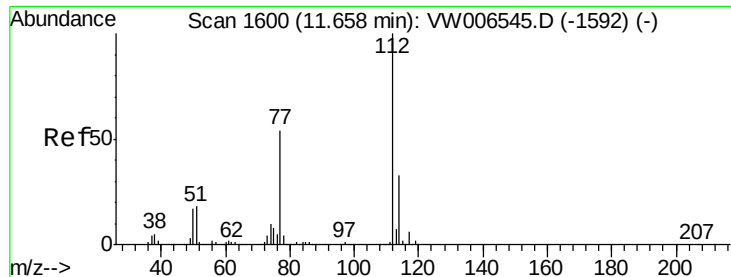
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#64
Tetrachloroethene
Concen: 49.454 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.8	154.2
129	88.6	70.9	106.3
131	83.8	67.0	100.6





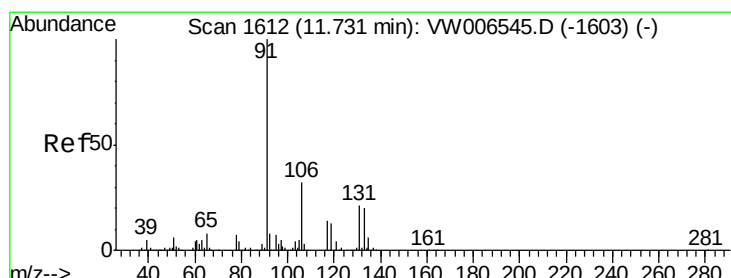
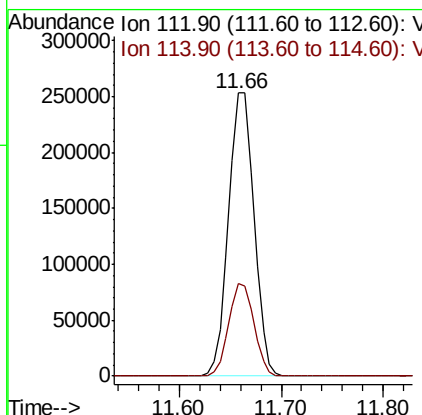
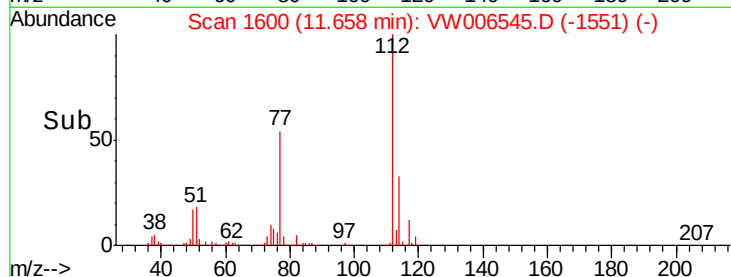
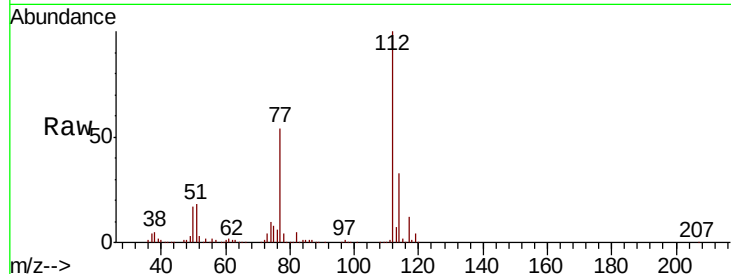
#65
Chlorobenzene
Concen: 47.773 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.2

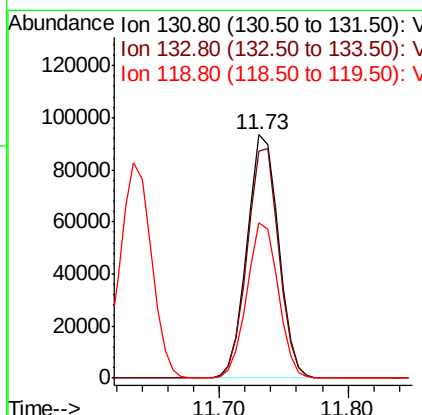
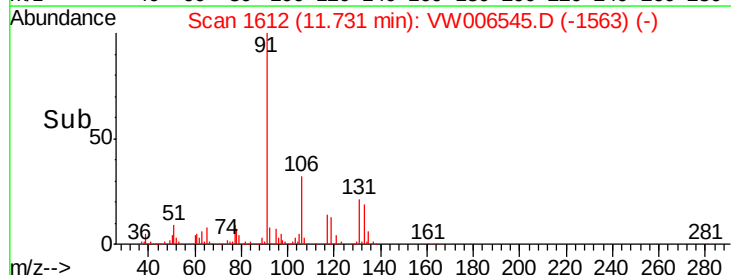
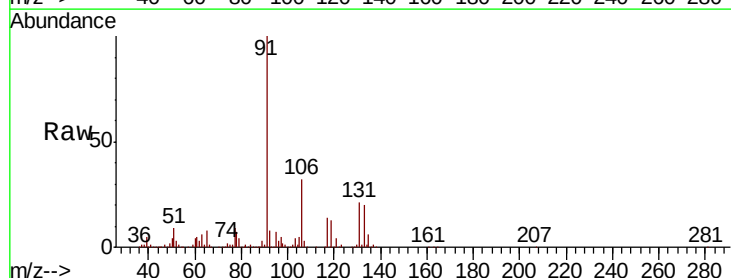
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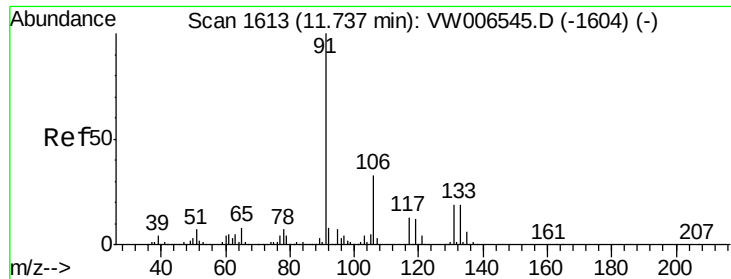
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.404 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.5	142.5
119	63.7	31.9	95.5





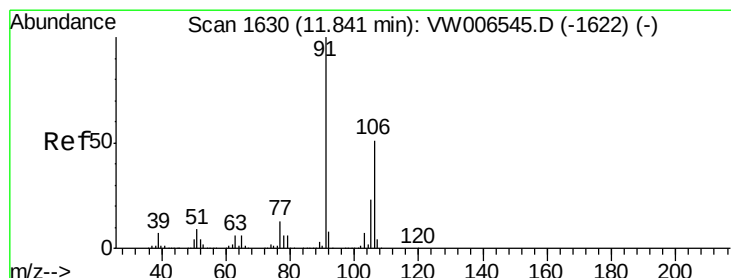
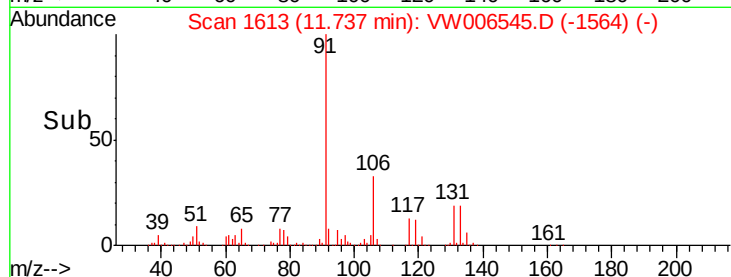
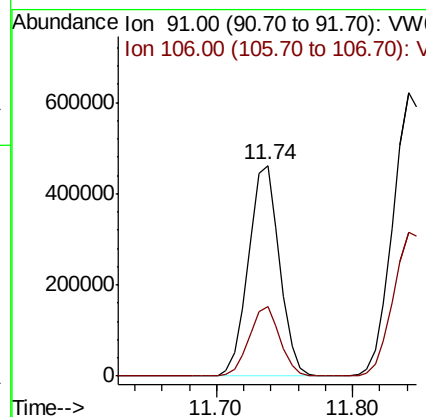
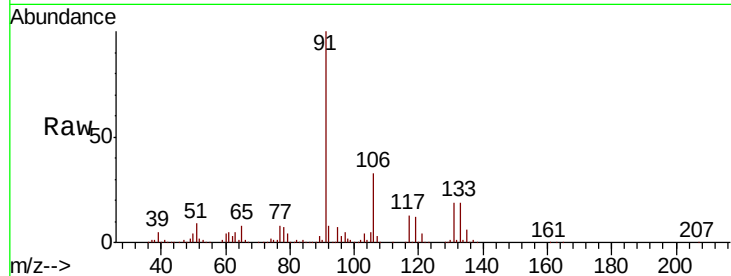
#67
Ethyl Benzene
Concen: 46.808 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.3	39.5

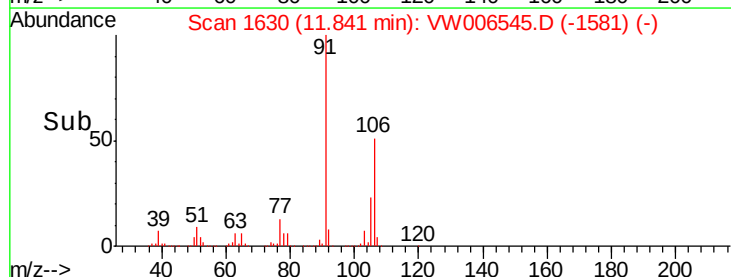
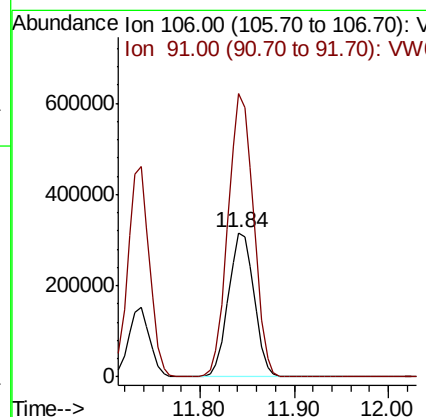
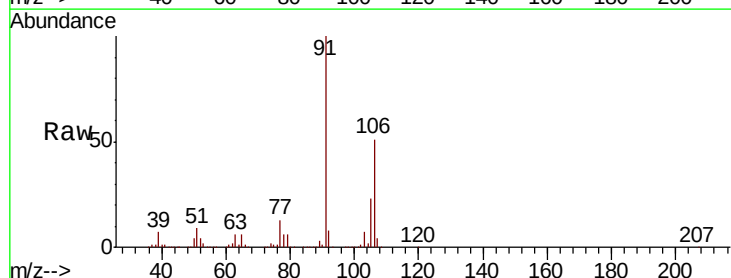
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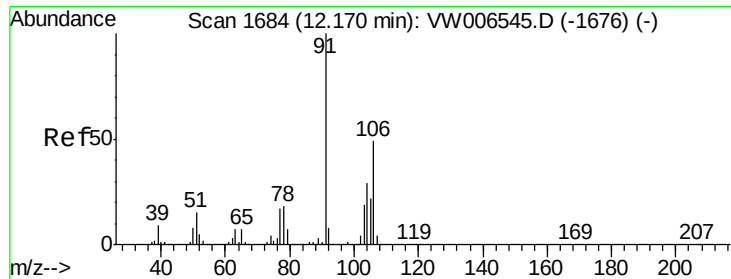
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#68
m/p-Xylenes
Concen: 95.120 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.9	156.7	235.1





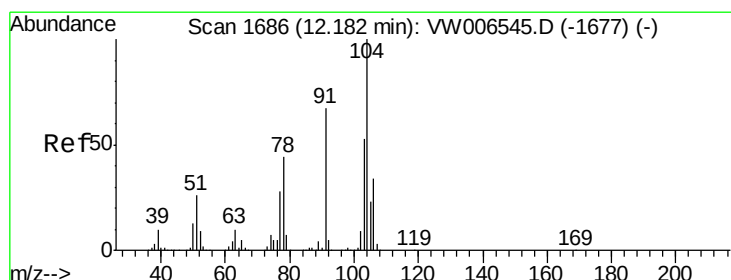
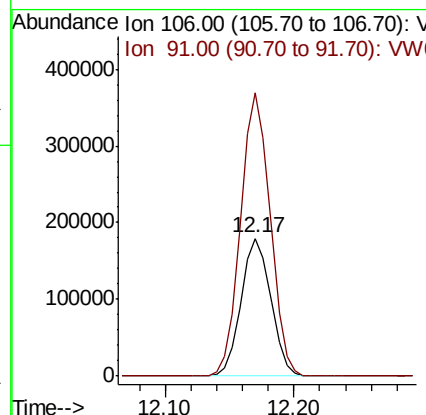
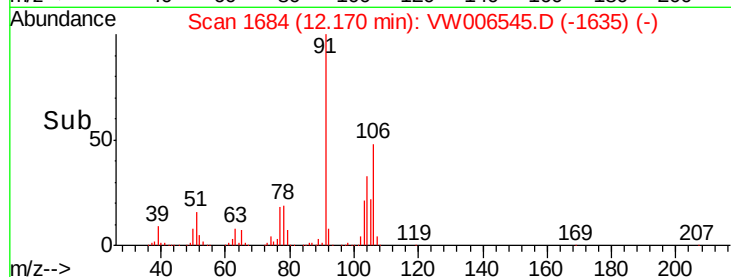
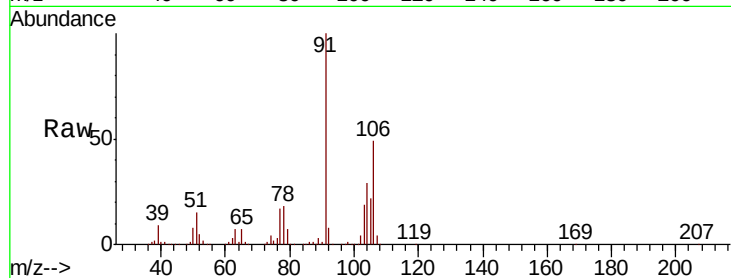
#69
o-Xylene
Concen: 47.794 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 285165
Ion Ratio Lower Upper
106 100
91 205.6 102.8 308.4

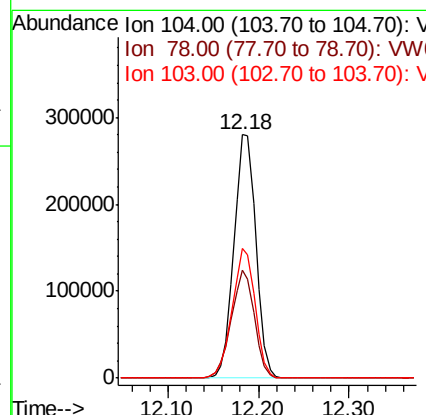
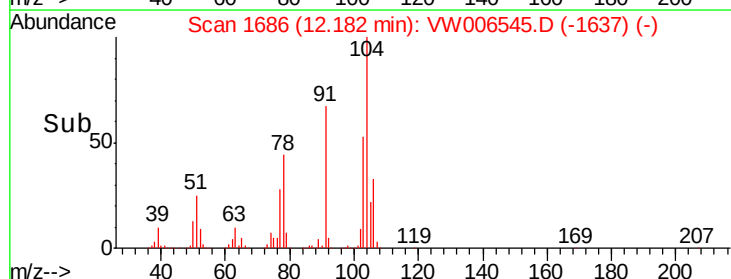
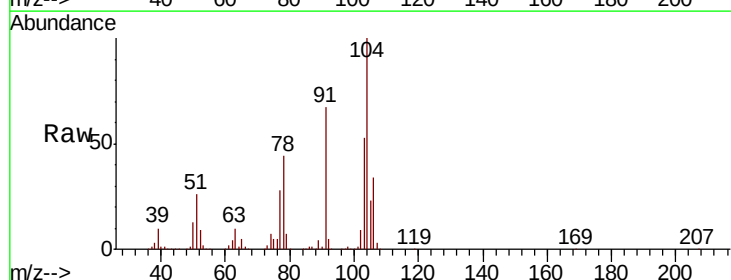
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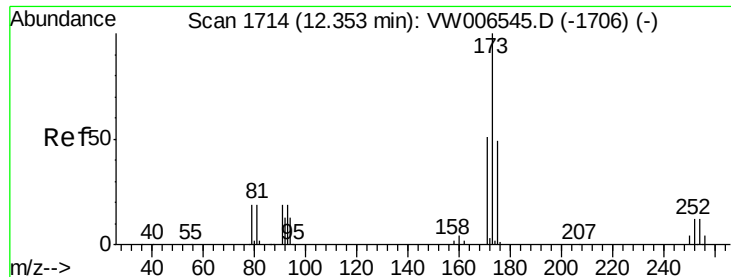
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#70
Styrene
Concen: 48.521 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion:104 Resp: 471272
Ion Ratio Lower Upper
104 100
78 46.5 37.2 55.8
103 55.2 44.2 66.2





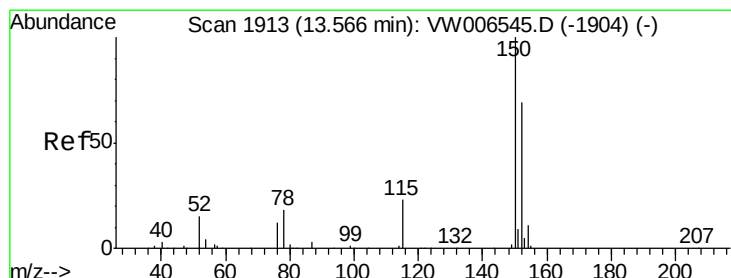
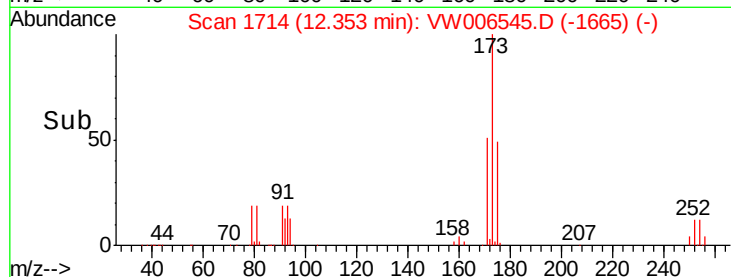
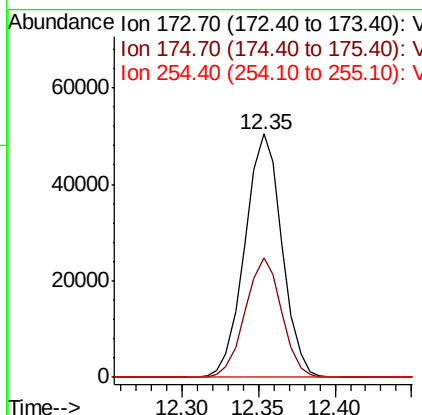
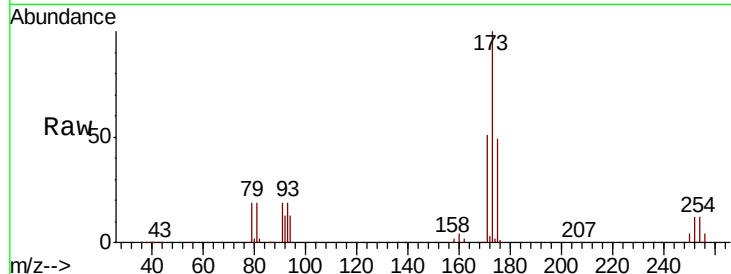
#71
Bromoform
Concen: 47.250 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.1	0.1	0.1#

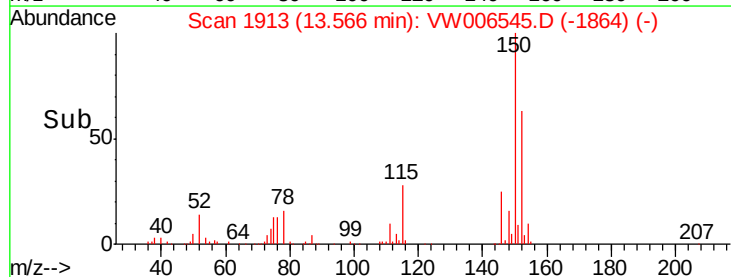
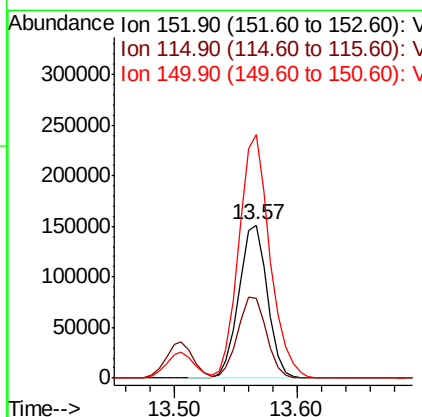
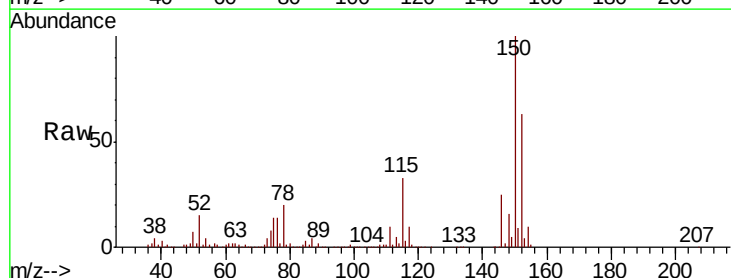
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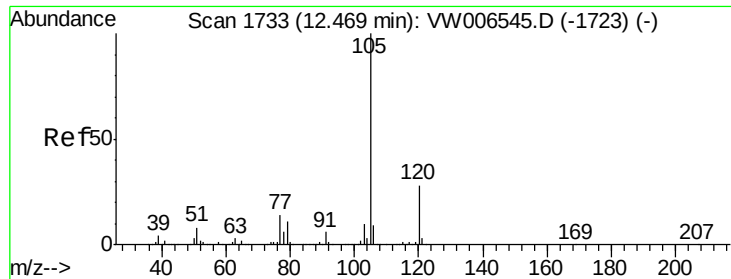
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	26.6	79.8
150	172.3	0.0	344.6





#73

Isopropylbenzene

Concen: 45.788 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 105 Resp: 781892

Ion Ratio Lower Upper

105 100

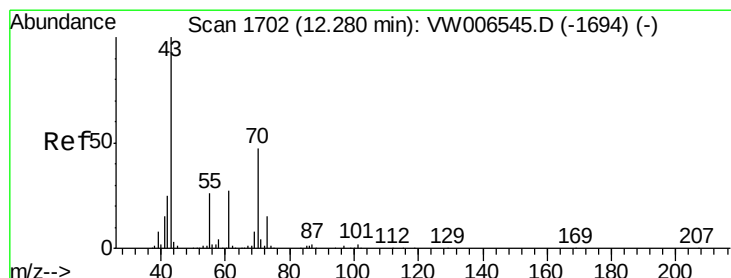
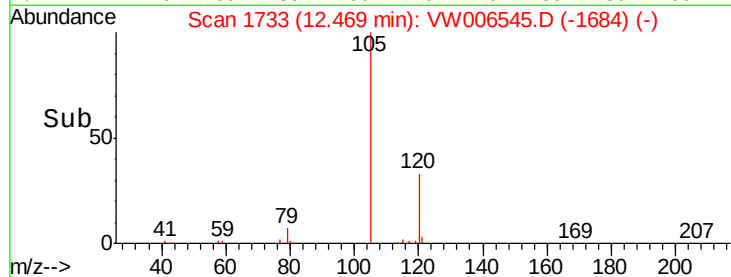
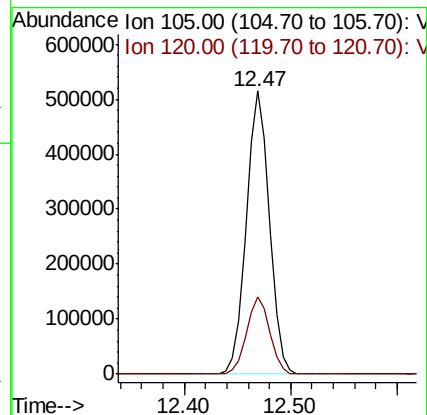
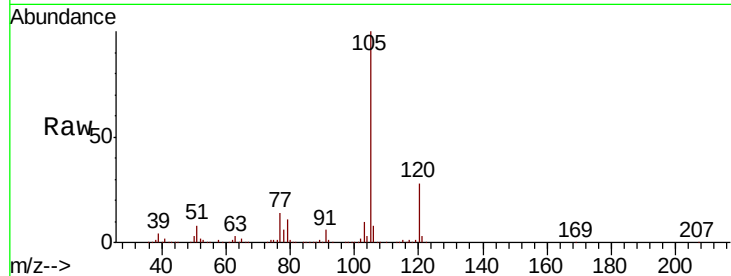
120 27.4 13.7 41.1

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#74

N-ethyl acetate

Concen: 41.337 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion: 43 Resp: 134732

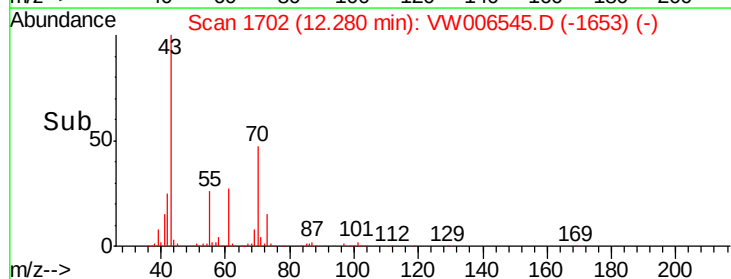
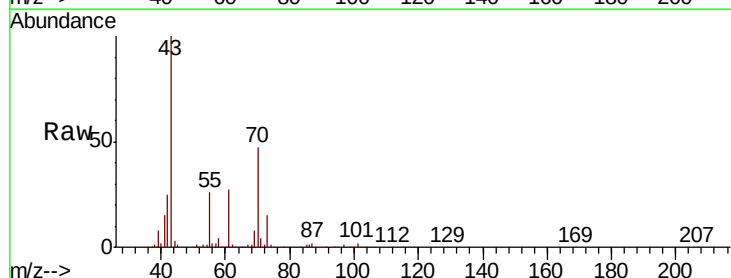
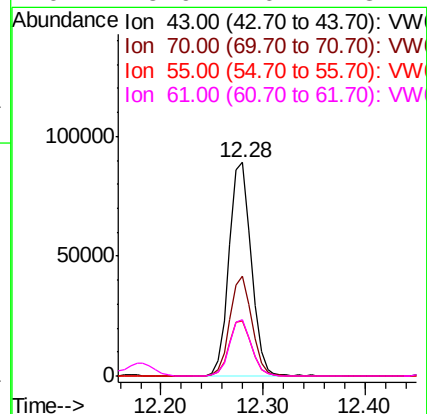
Ion Ratio Lower Upper

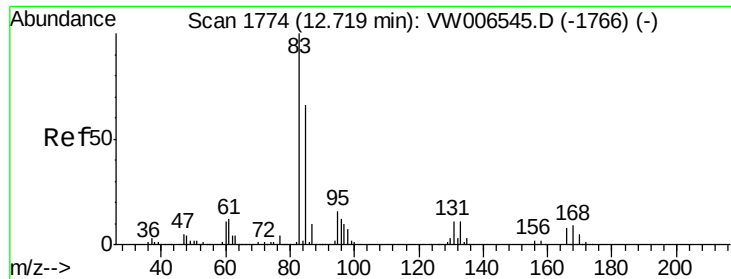
43 100

70 46.1 36.9 55.3

55 25.9 20.7 31.1

61 25.9 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.542 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

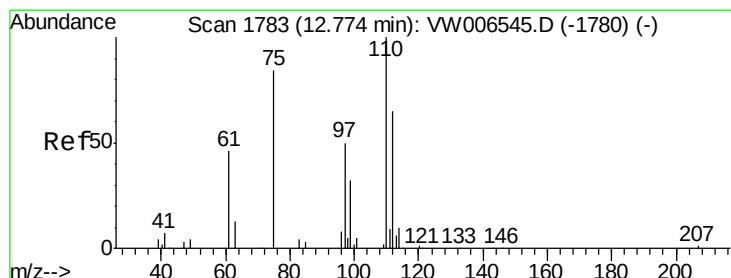
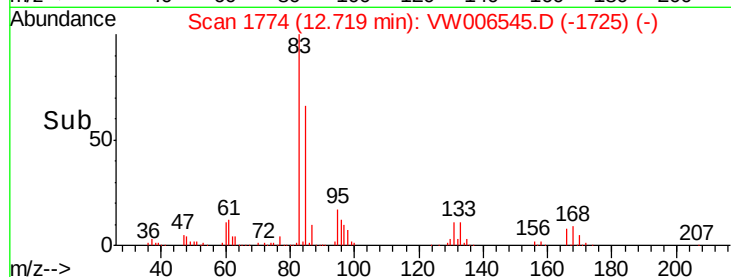
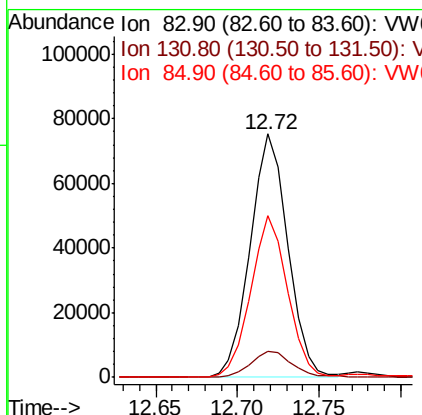
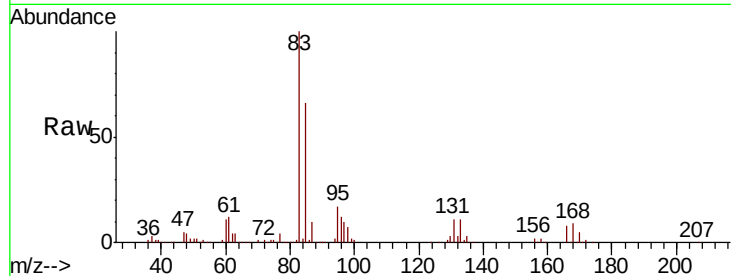
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	120911
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.7
85	64.5	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 49.246 ug/l m

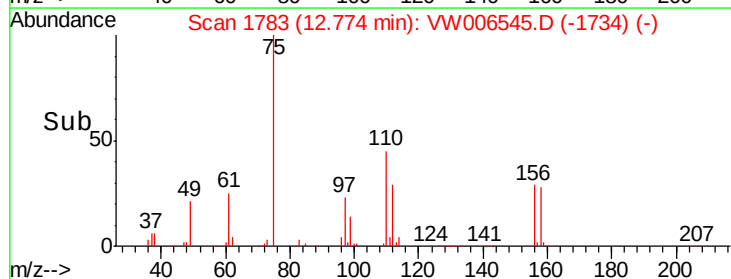
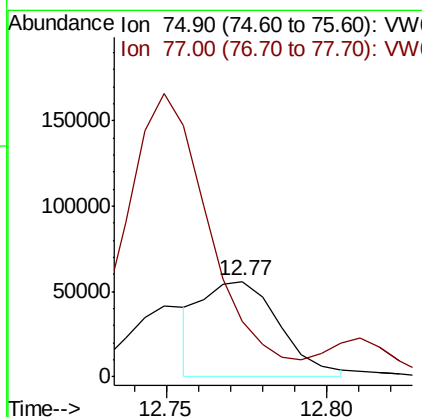
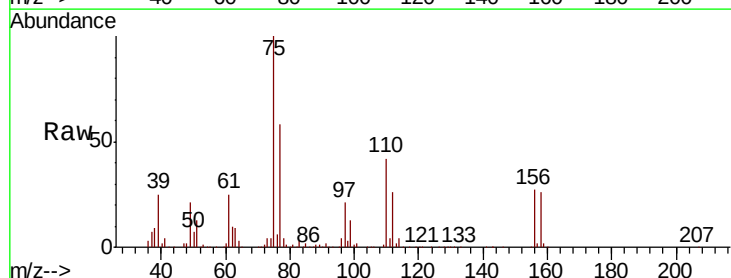
RT: 12.77 min Scan# 1783

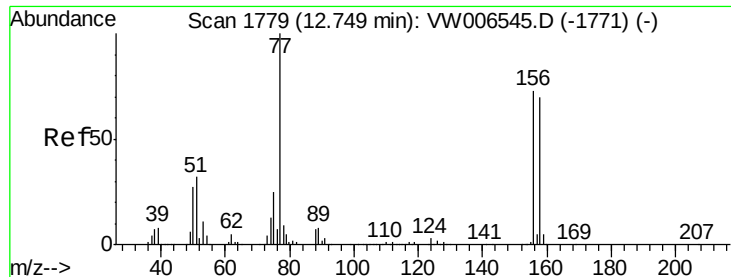
Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion:	75	Resp:	92801
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.682 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

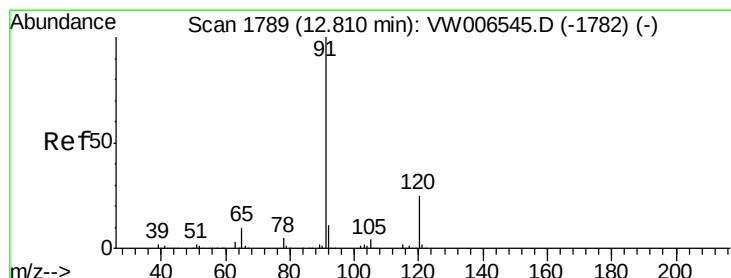
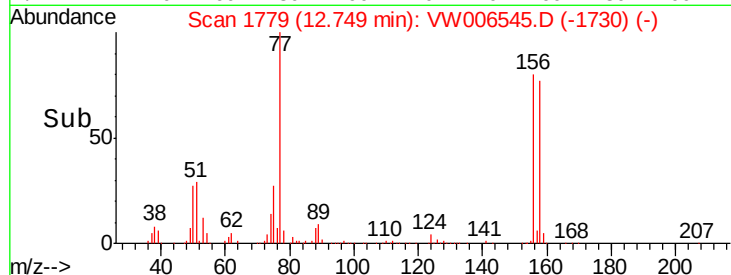
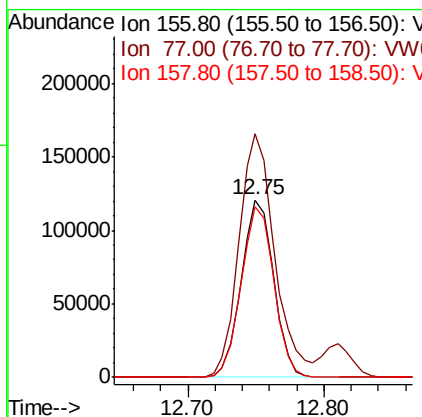
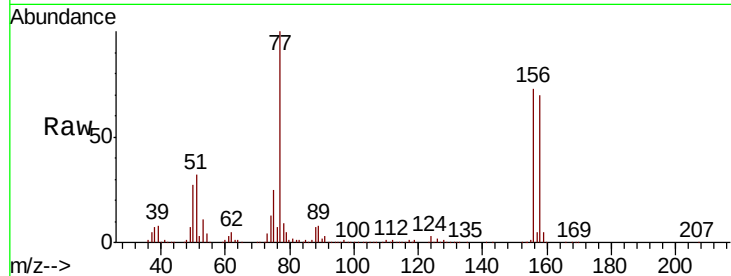
ClientSampled :

VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	151.9	75.9	227.8	
158	97.3	48.6	145.9	

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#78

n-propylbenzene

Concen: 45.420 ug/l

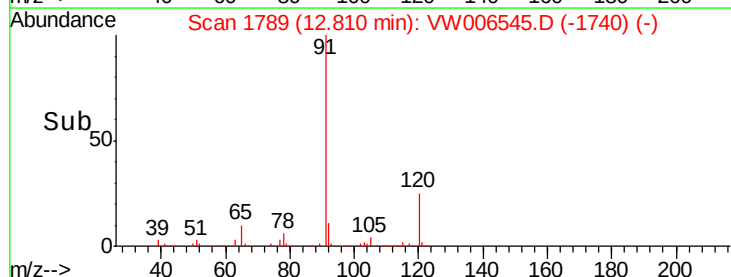
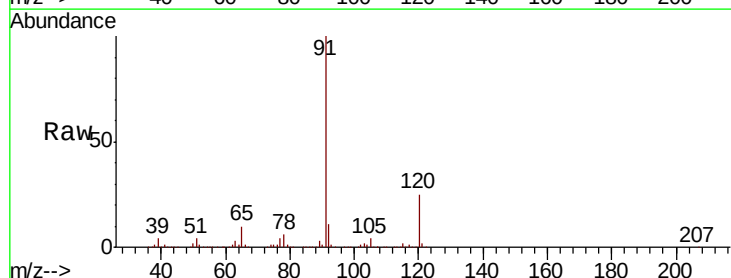
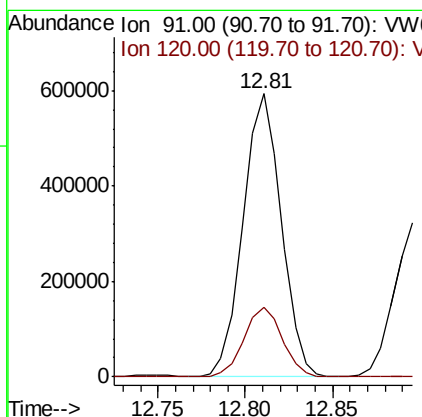
RT: 12.81 min Scan# 1789

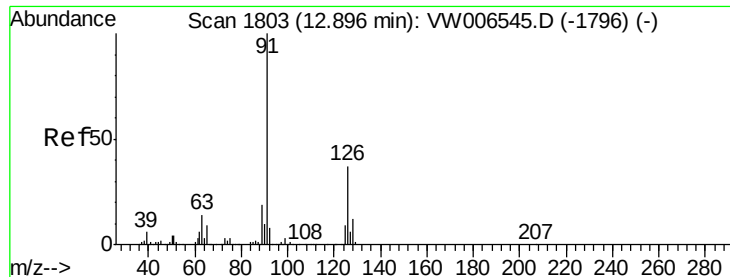
Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.7	12.4	37.0	





#79

2-Chlorotoluene

Concen: 45.975 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 512101

Ion Ratio Lower Upper

91 100

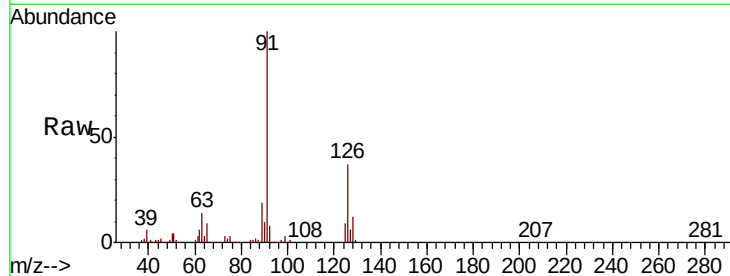
126 37.0 18.5 55.5

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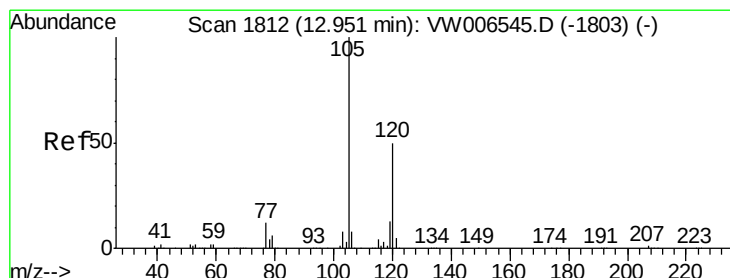
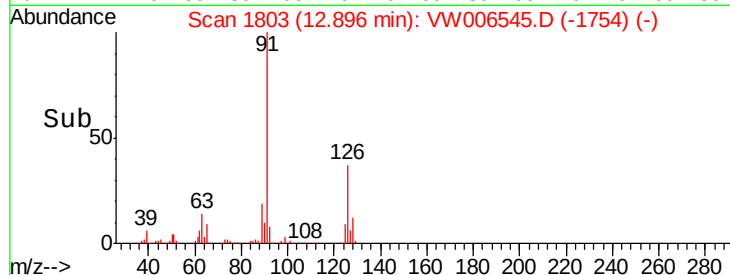
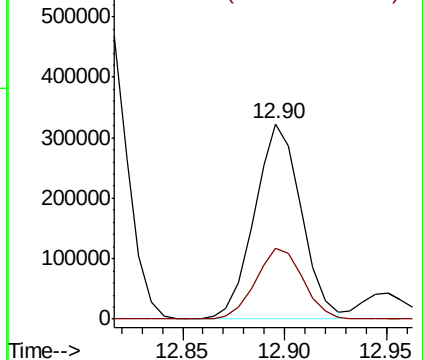
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.090 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006545.D

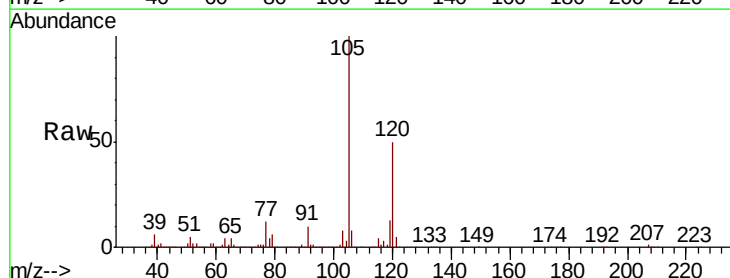
Acq: 01 Nov 2018 00:47

Tgt Ion:105 Resp: 662527

Ion Ratio Lower Upper

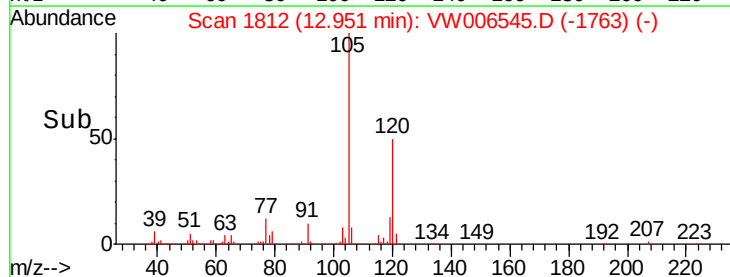
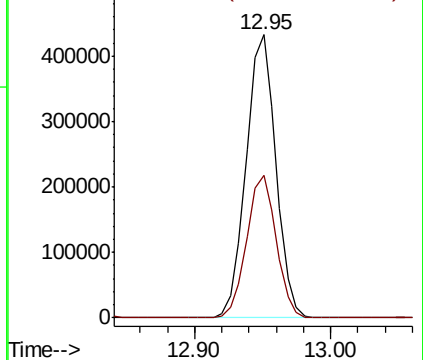
105 100

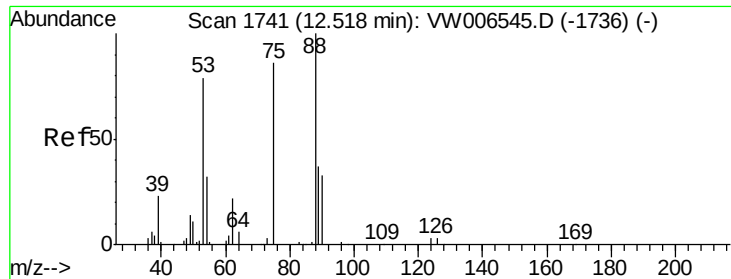
120 50.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.816 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006545.D

Acq: 01 Nov 2018 00:47

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

Tot Ion: 75 Resp: 33428

Ion Ratio Lower Upper

75 100

53 96.5 77.2 115.8

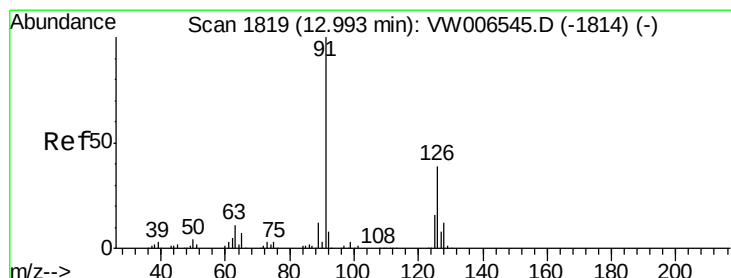
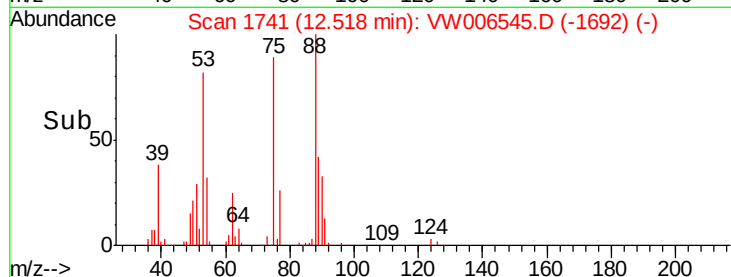
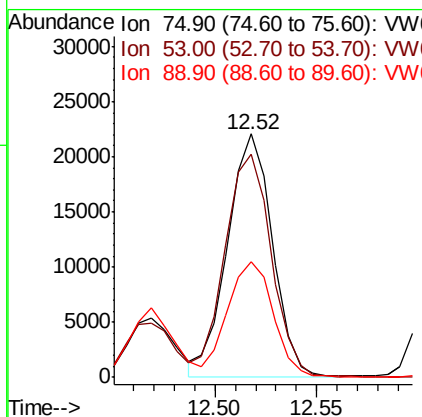
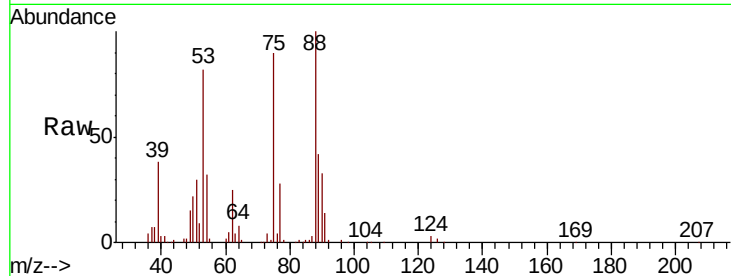
89 48.3 38.6 58.0

Manual Integrations

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#82

4-Chlorotoluene

Concen: 46.589 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006545.D

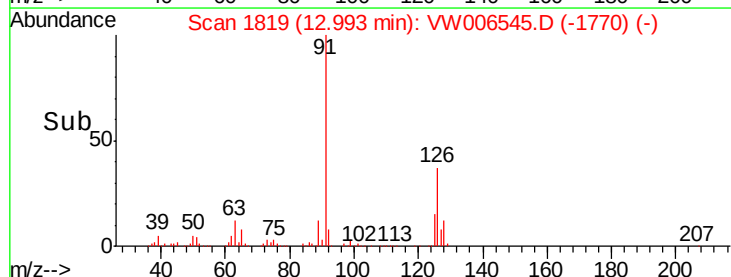
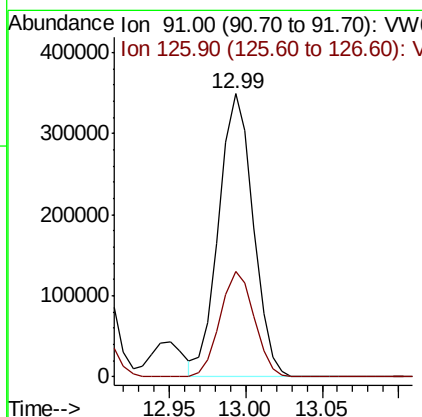
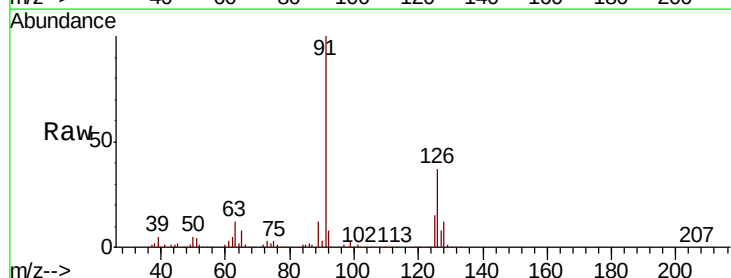
Acq: 01 Nov 2018 00:47

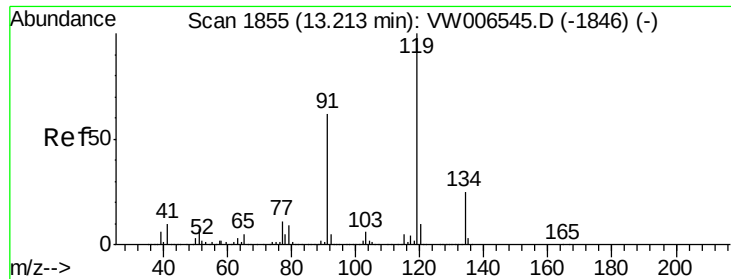
Tgt Ion: 91 Resp: 545700

Ion Ratio Lower Upper

91 100

126 37.0 18.5 55.5





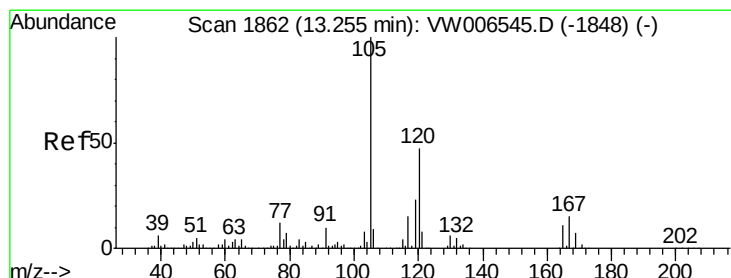
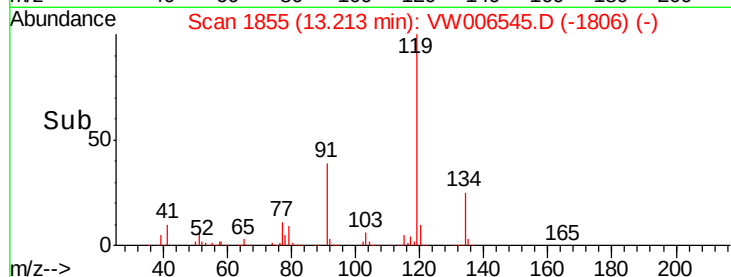
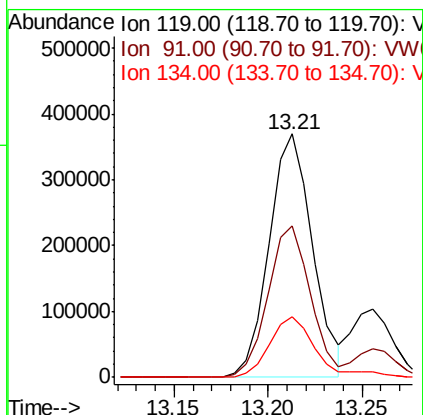
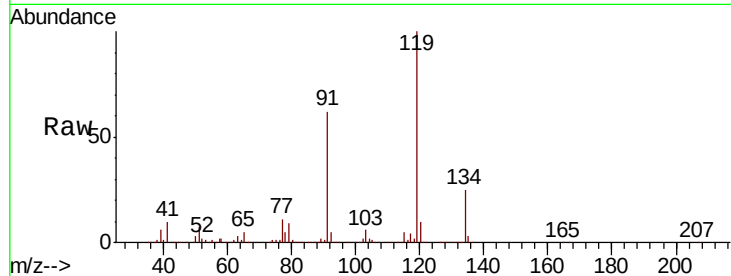
#83
 tert-Butylbenzene
 Concen: 45.846 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	589940		
91	60.9		30.4	91.3
134	26.9		13.5	40.4

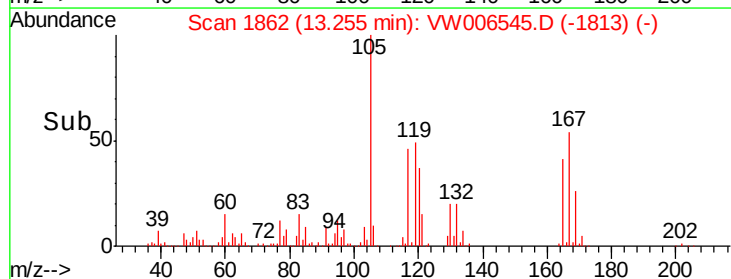
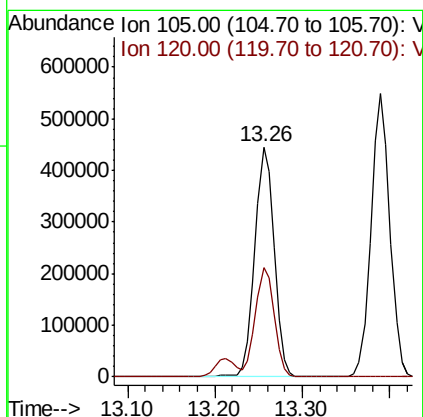
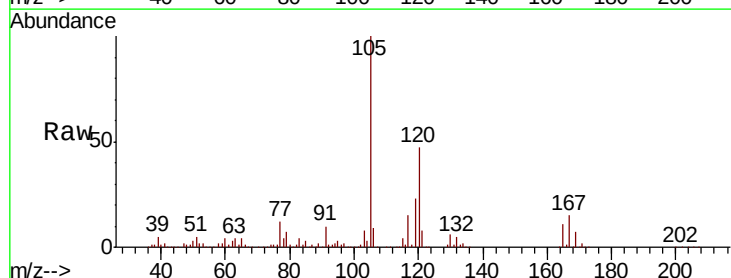
Manual Integrations
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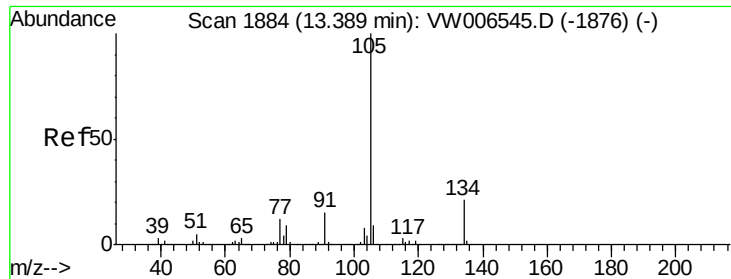
apatel
 11/2/2018 3:11:32 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 46.713 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	681525		
120	46.4		23.2	69.6





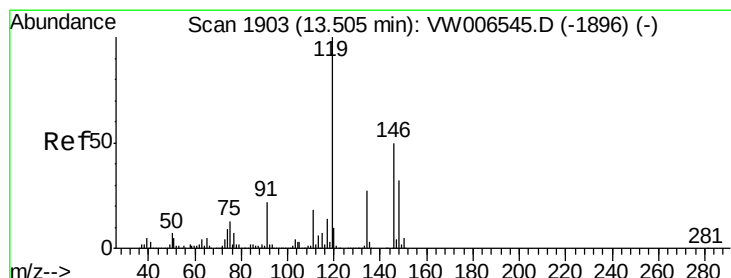
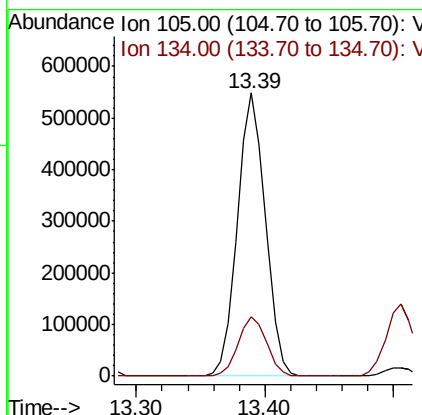
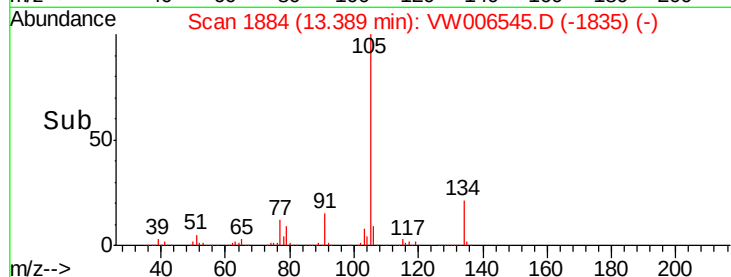
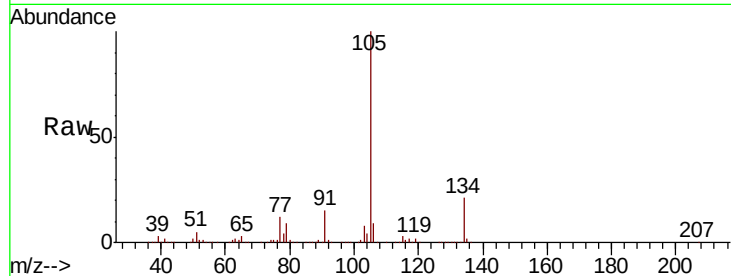
#85
 sec-Butylbenzene
 Concen: 45.434 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.6	31.8

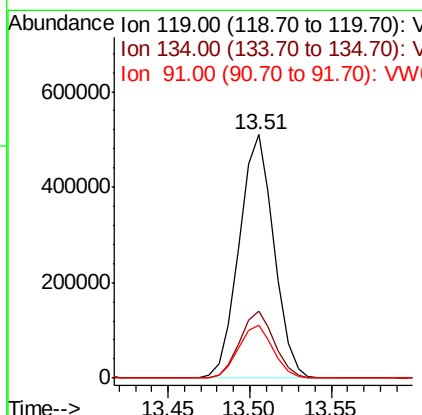
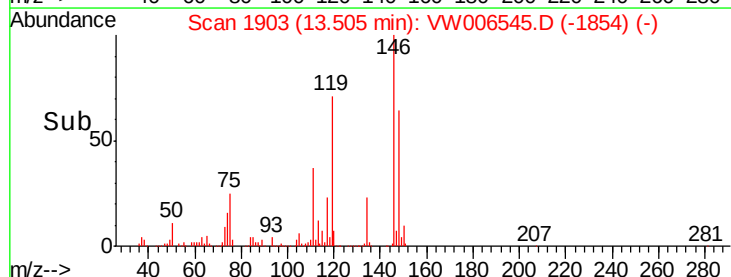
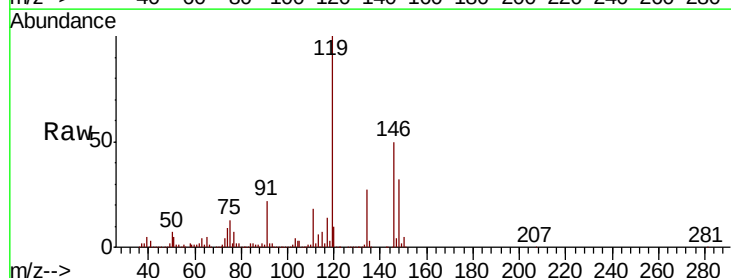
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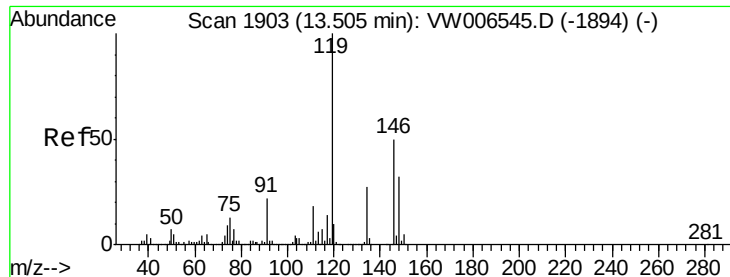
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#86
 p-Isopropyltoluene
 Concen: 46.085 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.7
91	21.7	10.9	32.6





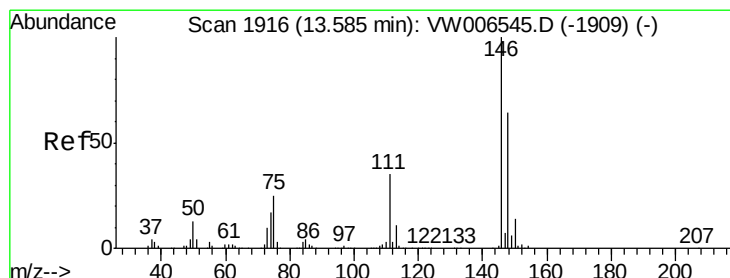
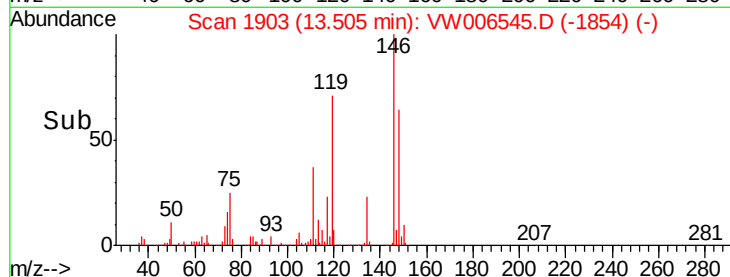
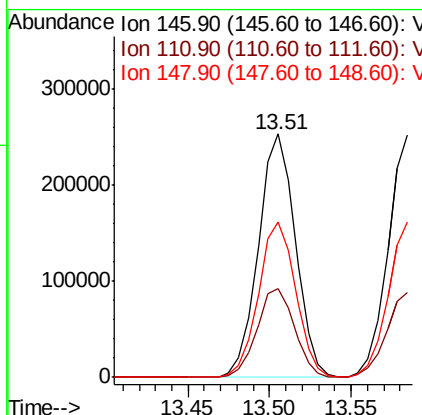
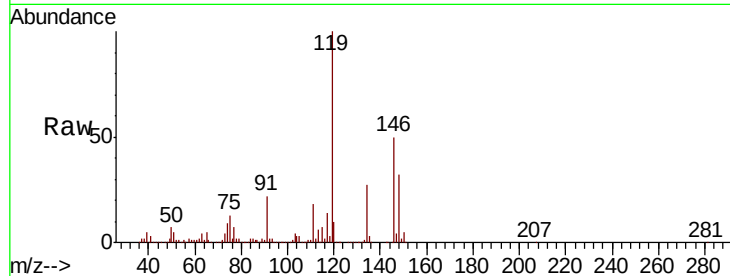
#87
 1,3-Dichlorobenzene
 Concen: 47.491 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	64.2	32.1	96.3

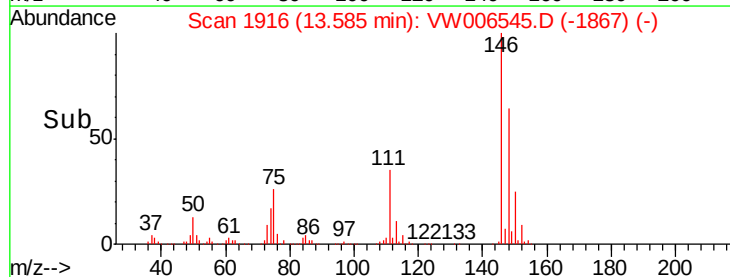
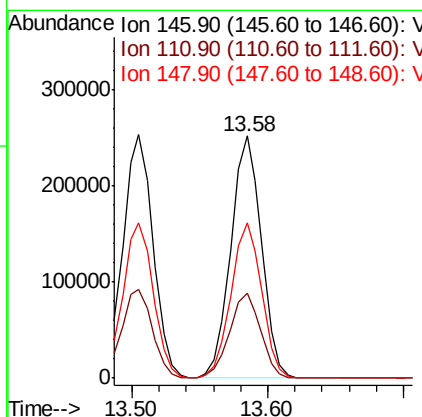
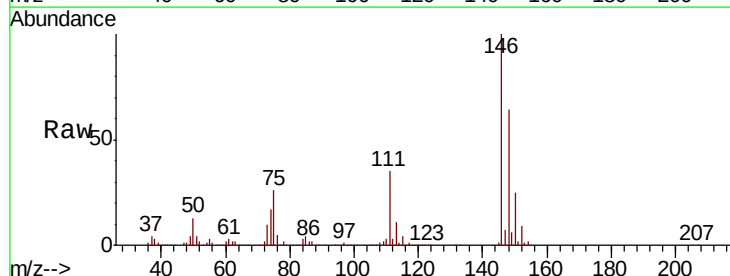
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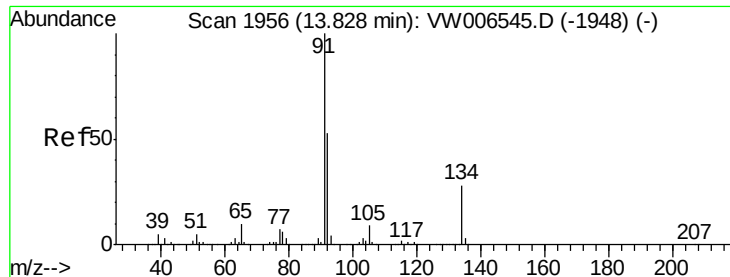
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 47.176 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.9	53.7
148	64.3	32.1	96.5





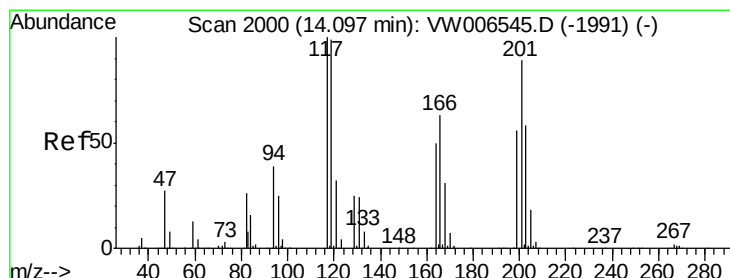
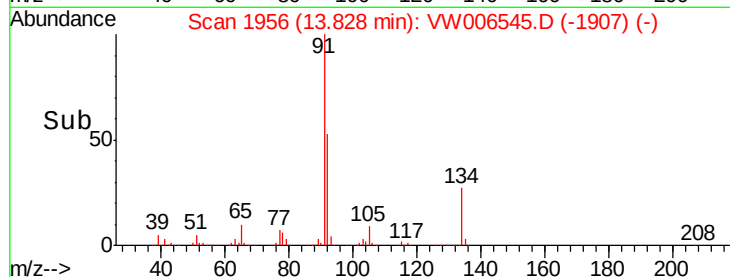
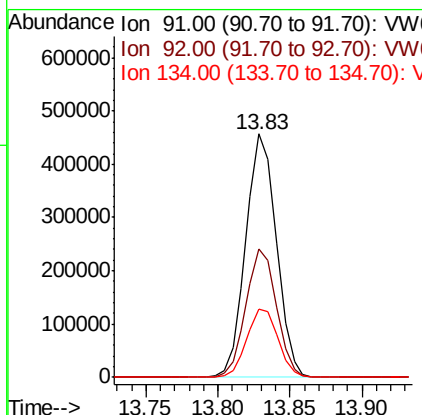
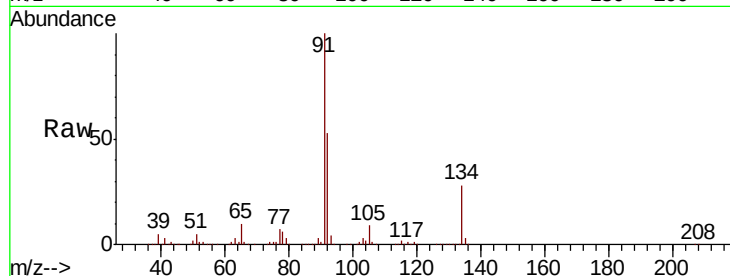
#89
n-Butylbenzene
Concen: 44.781 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	28.6	14.3	42.9

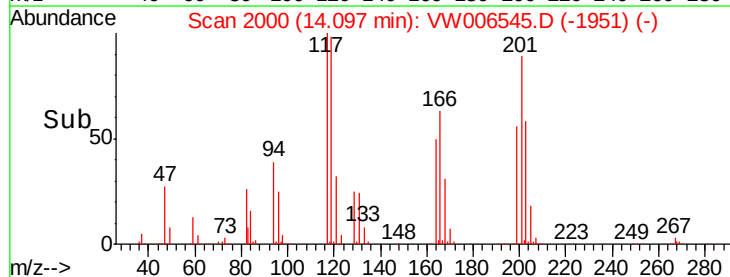
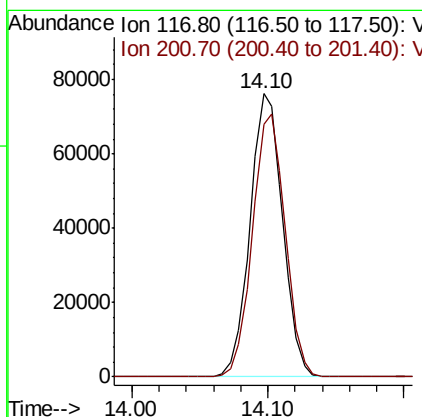
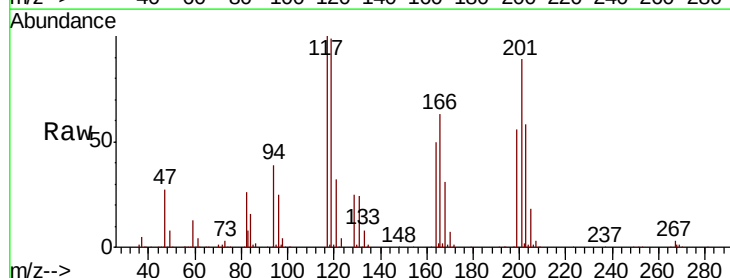
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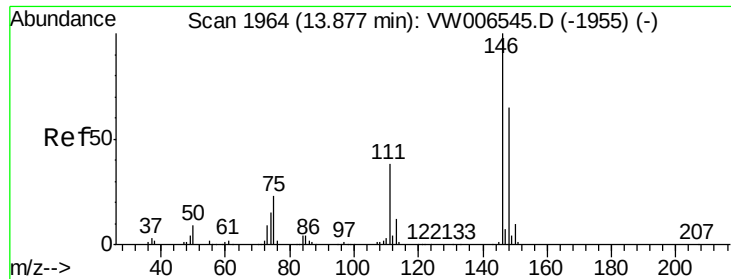
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#90
Hexachloroethane
Concen: 46.273 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.5	46.8	140.3





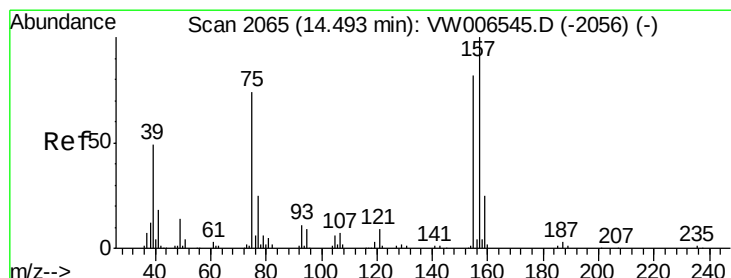
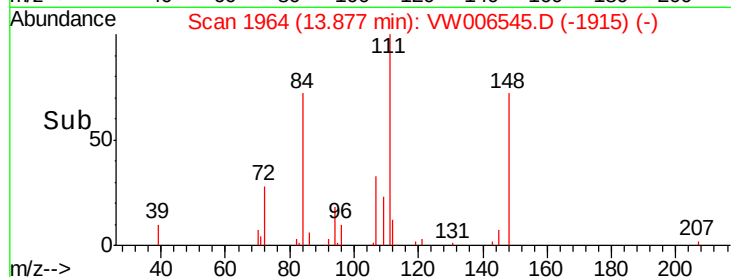
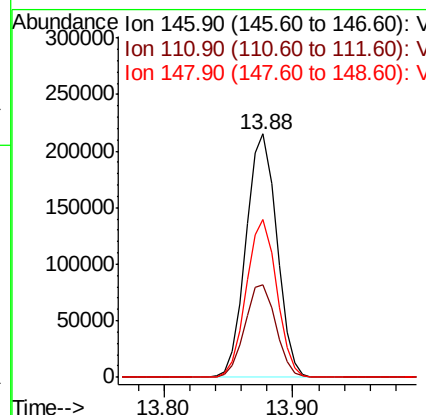
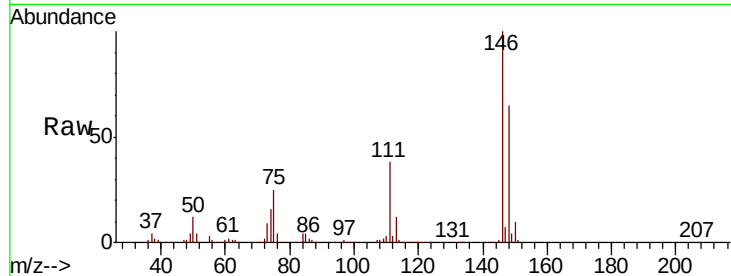
#91
 1,2-Dichlorobenzene
 Concen: 47.529 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	64.0	32.0	96.0

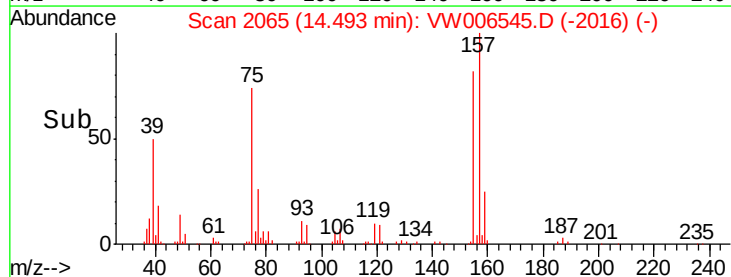
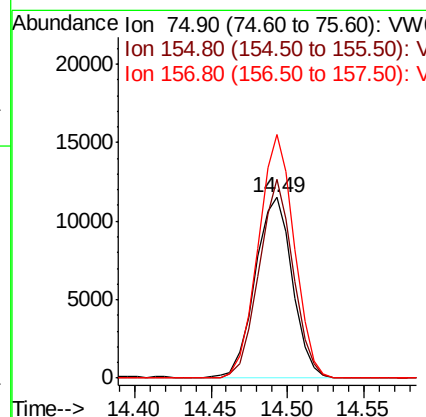
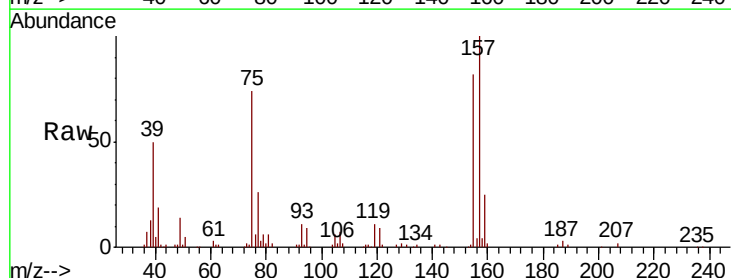
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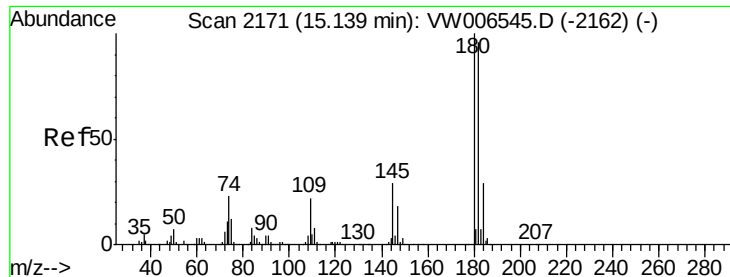
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.535 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.2	50.6	151.8
157	130.0	65.0	195.0





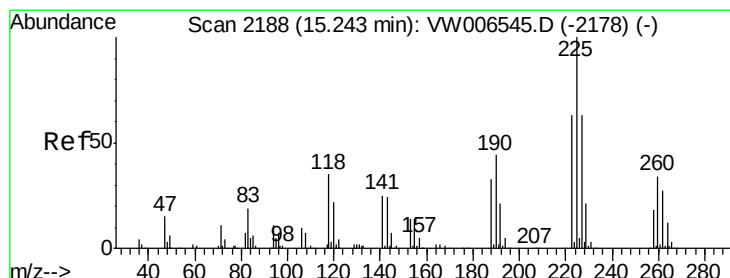
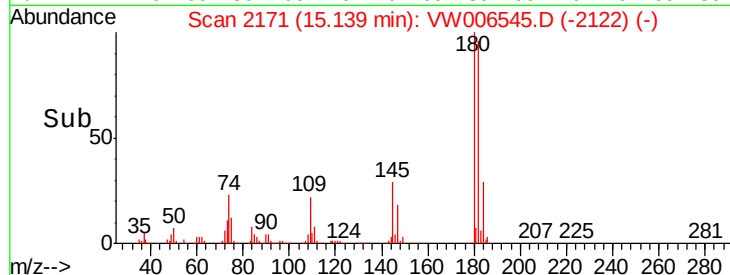
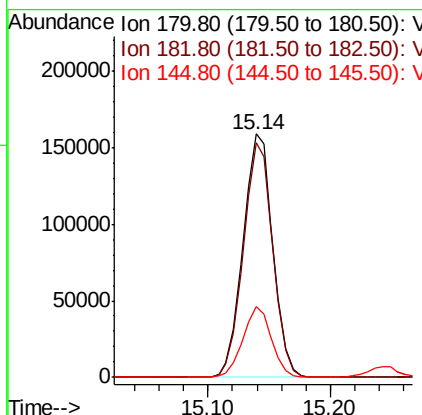
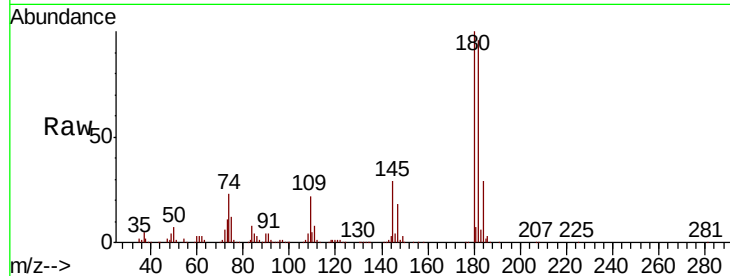
#93
 1,2,4-Trichlorobenzene
 Concen: 46.523 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	267686		
182	95.1	47.5	142.6	
145	28.0	14.0	42.0	

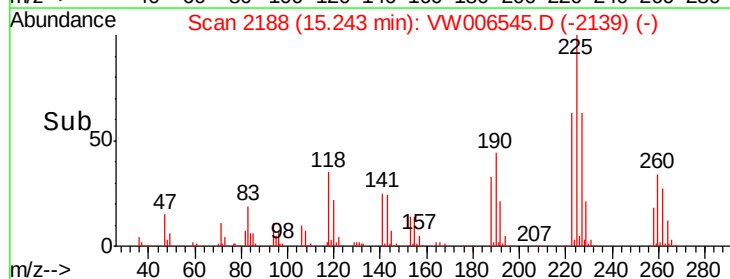
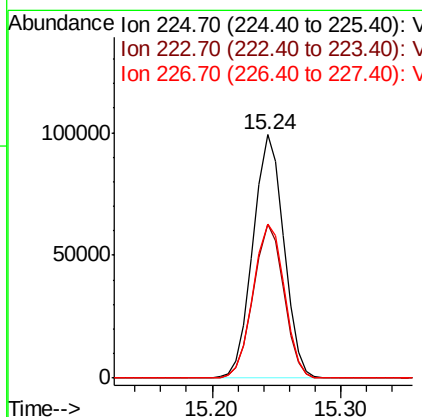
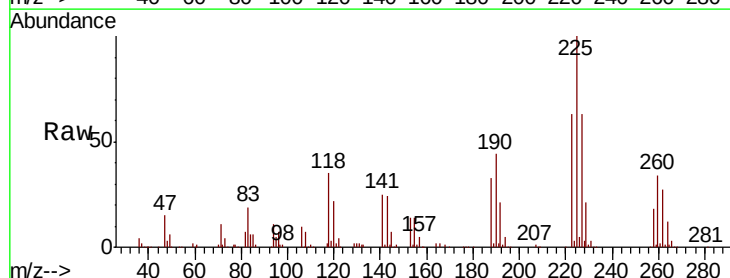
Manual Integrations
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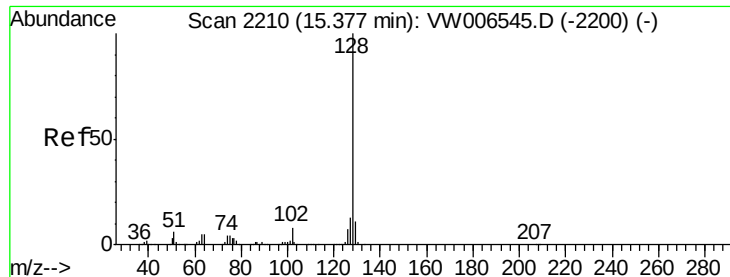
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#94
 Hexachlorobutadiene
 Concen: 45.532 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006545.D
 Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	163523		
223	62.8	31.4	94.2	
227	64.4	32.2	96.6	





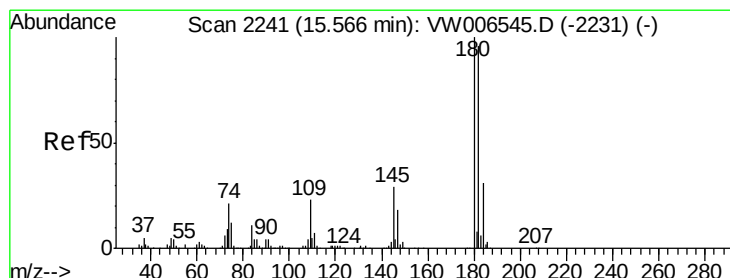
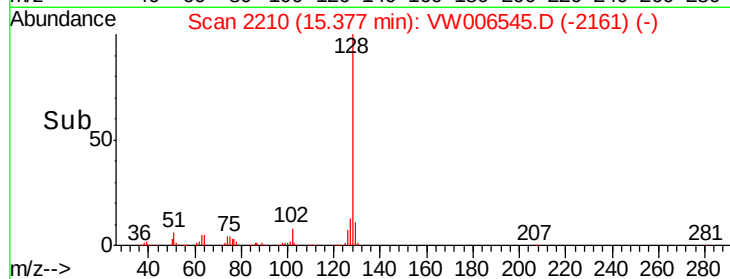
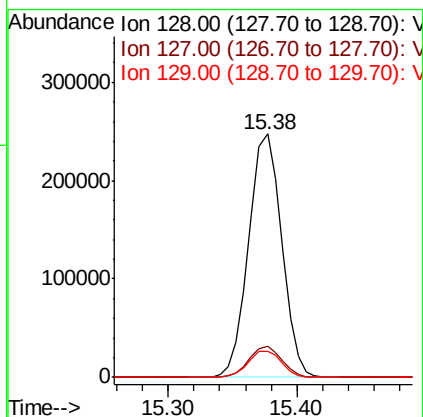
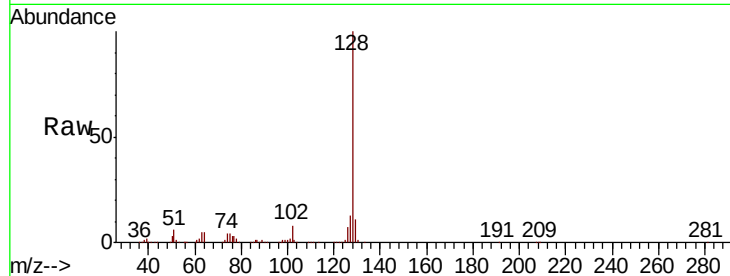
#95
Naphthalene
Concen: 46.031 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
11/2/2018 3:11:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.135 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006545.D
Acq: 01 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.2	144.6
145	29.7	14.9	44.5

