

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014551.D
 Acq On : 08 Jan 2020 09:54
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 1/9/2020 9:28:55 AM

Quant Time: Jan 08 12:58:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	738560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1098712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	939179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	449807	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	311975	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.88	113	322889	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.32	98	1328577	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	439534	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	169690	40.692	ug/l	99
3) Chloromethane	2.21	50	234470	45.936	ug/l	97
4) Vinyl Chloride	2.36	62	372520	49.620	ug/l	100
5) Bromomethane	2.77	94	236588	51.014	ug/l	100
6) Chloroethane	2.92	64	222958	52.098	ug/l	97
7) Trichlorofluoromethane	3.25	101	193767	51.585	ug/l	100
8) Diethyl Ether	3.68	74	183501	49.099	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	346749	49.406	ug/l	99
10) Methyl Iodide	4.27	142	534185	50.445	ug/l	99
11) Tert butyl alcohol	5.17	59	102985	202.487	ug/l	99
12) 1,1-Dichloroethene	4.04	96	367496	50.001	ug/l	98
13) Acrolein	3.88	56	142238	252.374	ug/l	100
14) Allyl chloride	4.67	41	591678	52.680	ug/l	99
15) Acrylonitrile	5.36	53	402659	235.703	ug/l	99
16) Acetone	4.12	43	461323	253.010	ug/l	98
17) Carbon Disulfide	4.38	76	1090755	49.239	ug/l	97
18) Methyl Acetate	4.67	43	202100	45.894	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	470704	51.593	ug/l	98
20) Methylene Chloride	4.92	84	381898	51.961	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	399385	51.176	ug/l	96
22) Diisopropyl ether	6.31	45	1077592	51.259	ug/l	100
23) Vinyl Acetate	6.24	43	3186056	250.975	ug/l	99
24) 1,1-Dichloroethane	6.21	63	682027	51.432	ug/l	99
25) 2-Butanone	7.16	43	554192	236.841	ug/l	99
26) 2,2-Dichloropropane	7.16	77	370876	50.516	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	421685	51.423	ug/l	99
28) Bromochloromethane	7.51	49	267194	51.394	ug/l	99
29) Tetrahydrofuran	7.52	42	320306	220.960	ug/l	99
30) Chloroform	7.67	83	628141	50.654	ug/l	99
31) Cyclohexane	7.95	56	651888	47.303	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	502854	50.420	ug/l	99
36) 1,1-Dichloropropene	8.08	75	541302	51.104	ug/l	99
37) Ethyl Acetate	7.25	43	222513	46.319	ug/l	99
38) Carbon Tetrachloride	8.07	117	459610	50.016	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	676016	49.733	ug/l	98
40) Benzene	8.32	78	1536350	51.265	ug/l	100
41) Methacrylonitrile	7.48	41	142500	53.215	ug/l	90
42) 1,2-Dichloroethane	8.40	62	383354	49.292	ug/l	100
43) Isopropyl Acetate	8.42	43	409029	46.889	ug/l	98
44) Trichloroethene	9.09	130	411648	50.762	ug/l	97
45) 1,2-Dichloropropane	9.37	63	378331	51.445	ug/l	97
46) Dibromomethane	9.46	93	178934	49.287	ug/l	100
47) Bromodichloromethane	9.64	83	458841	51.192	ug/l	99
48) Methyl methacrylate	9.43	41	204081	47.917	ug/l	99
49) 1,4-Dioxane	9.45	88	55798	821.740	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	1054926	232.875	ug/l	100
52) Toluene	10.38	92	955355	50.672	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	469713	50.614	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	582261	51.336	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	260543	49.139	ug/l	99
56) Ethyl methacrylate	10.64	69	341438	49.550	ug/l	100
57) 1,3-Dichloropropane	10.93	76	458681	49.221	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	568965	271.491	ug/l	100
59) 2-Hexanone	10.96	43	759986	243.462	ug/l	100
60) Dibromochloromethane	11.13	129	299244	50.020	ug/l	99
61) 1,2-Dibromoethane	11.23	107	244632	48.606	ug/l	100
64) Tetrachloroethene	10.86	164	342436	50.363	ug/l	97
65) Chlorobenzene	11.65	112	979018	50.882	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	334398	51.618	ug/l	99
67) Ethyl Benzene	11.73	91	1802926	51.995	ug/l	98
68) m/p-Xylenes	11.83	106	1376639	103.733	ug/l	100
69) o-Xylene	12.16	106	632570	51.602	ug/l	99
70) Styrene	12.18	104	1081034	52.137	ug/l	100
71) Bromoform	12.35	173	172477	48.810	ug/l #	99
73) Isopropylbenzene	12.46	105	1743781	52.834	ug/l	100
74) N-amyl acetate	12.27	43	354172	47.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	285193	47.874	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	217401m	51.119	ug/l	
77) Bromobenzene	12.74	156	400168	52.203	ug/l	98
78) n-propylbenzene	12.80	91	2061353	53.114	ug/l	99
79) 2-Chlorotoluene	12.89	91	1151414	52.134	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1463121	52.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	96632	50.625	ug/l	99
82) 4-Chlorotoluene	12.99	91	1195035	52.081	ug/l	100
83) tert-Butylbenzene	13.21	119	1275773	52.582	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1446557	52.455	ug/l	100
85) sec-Butylbenzene	13.38	105	1763408	52.508	ug/l	100
86) p-Isopropyltoluene	13.50	119	1616570	52.810	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	766847	51.445	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	753139	51.178	ug/l	100
89) n-Butylbenzene	13.82	91	1517468	53.382	ug/l	100
90) Hexachloroethane	14.09	117	280126	52.384	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	670095	51.146	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	42478	45.028	ug/l	96

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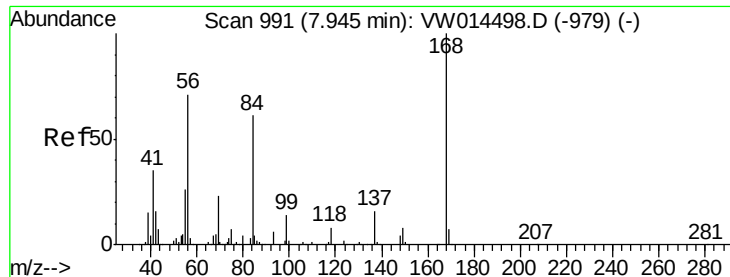
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	464009	52.446	ug/l	98
94) Hexachlorobutadiene	15.24	225	302100	50.953	ug/l	97
95) Naphthalene	15.36	128	781665	51.804	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	398509	51.675	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 168 Resp: 738560

Ion Ratio Lower Upper

168 100

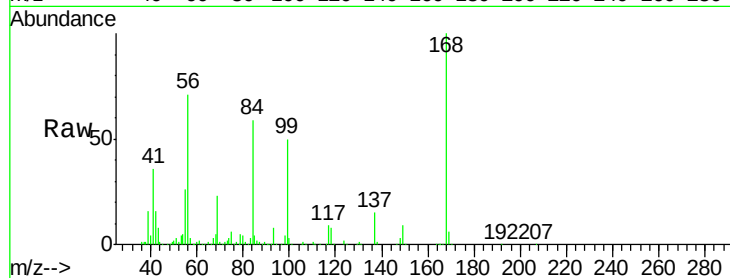
99 49.6 41.1 61.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400000

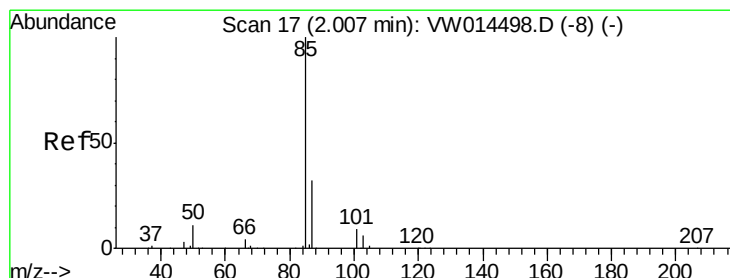
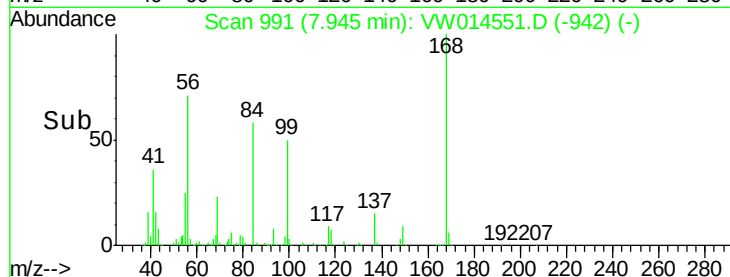
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 40.692 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014551.D

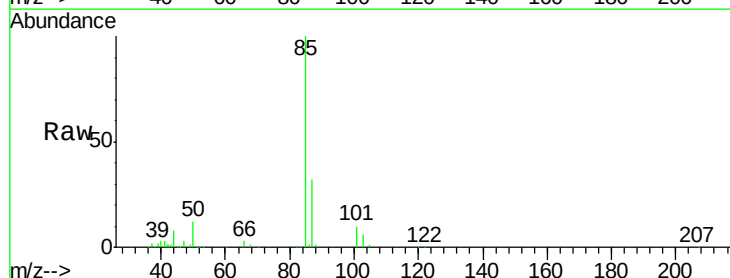
Acq: 08 Jan 2020 09:54

Tgt Ion: 85 Resp: 169690

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

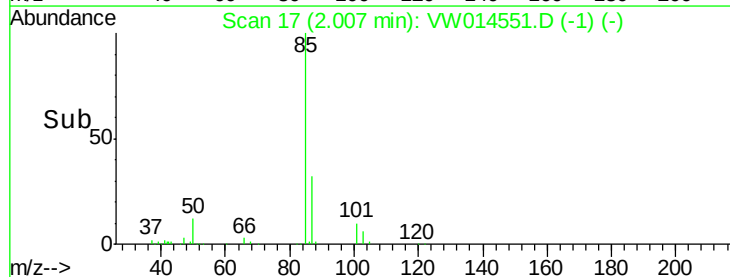
30000

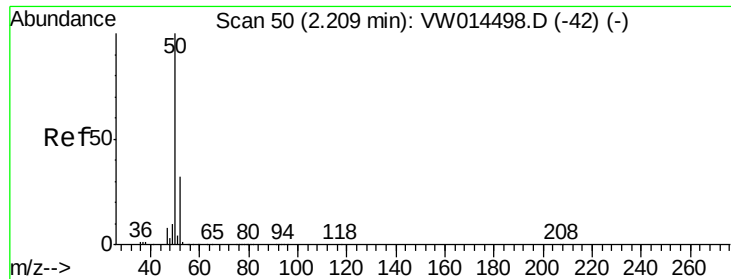
20000

10000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 45.936 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 234470

Ion Ratio Lower Upper

50 100

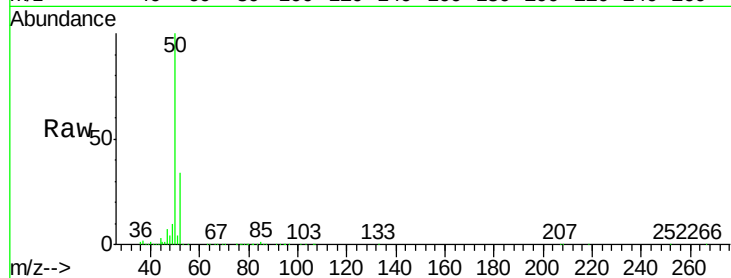
52 34.0 25.8 38.8

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

150000

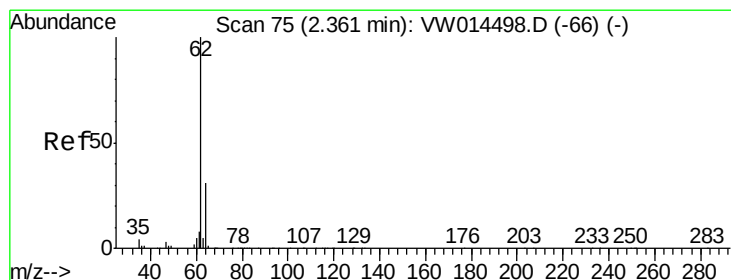
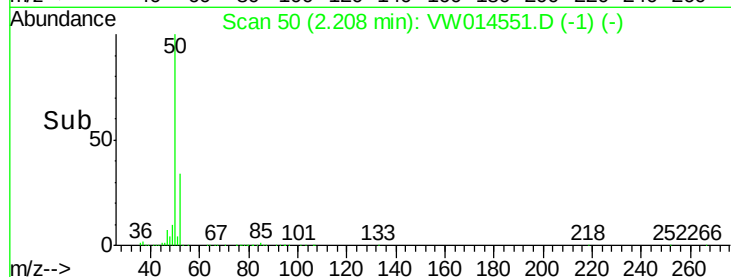
100000

50000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 49.620 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014551.D

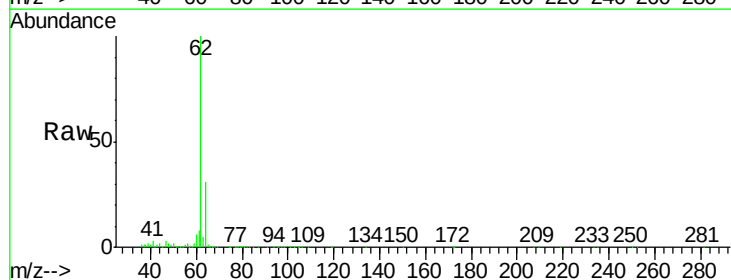
Acq: 08 Jan 2020 09:54

Tgt Ion: 62 Resp: 372520

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

200000

150000

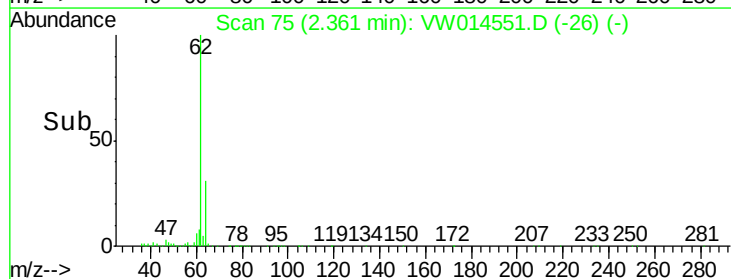
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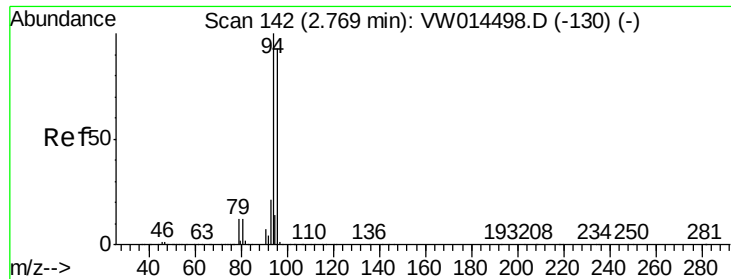
50000

0

Time-->

2.30 2.40 2.50





#5

Bromomethane

Concen: 51.014 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 236588

Ion Ratio Lower Upper

94 100

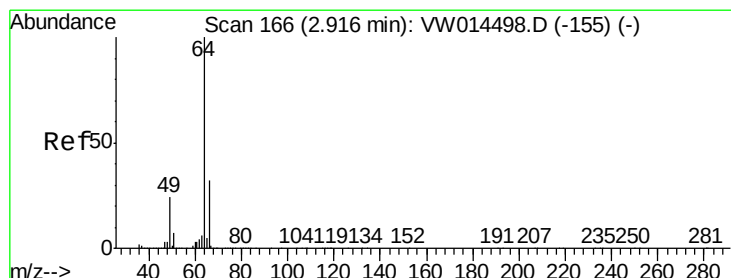
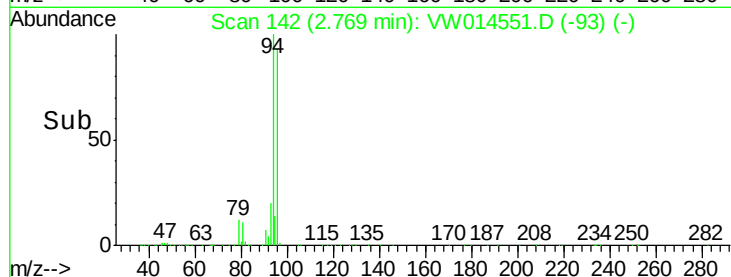
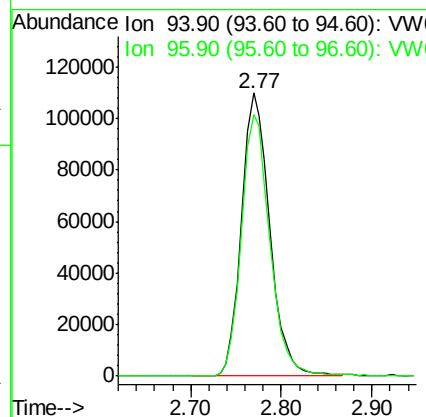
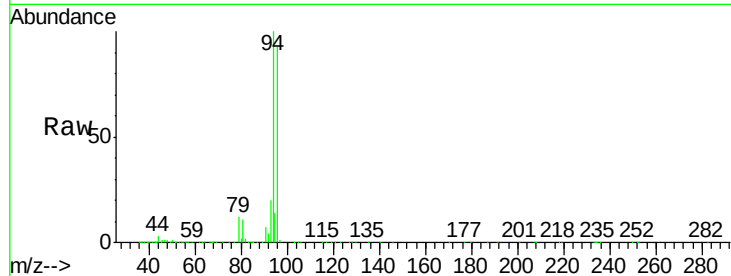
96 92.5 74.2 111.2

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#6

Chloroethane

Concen: 52.098 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014551.D

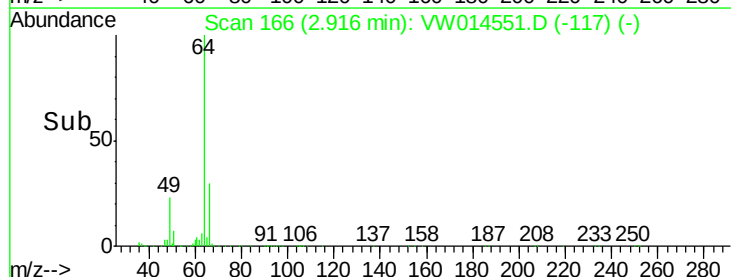
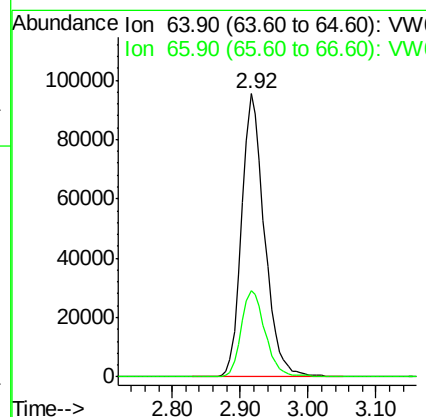
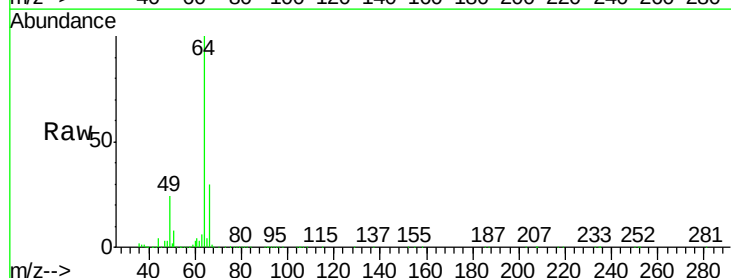
Acq: 08 Jan 2020 09:54

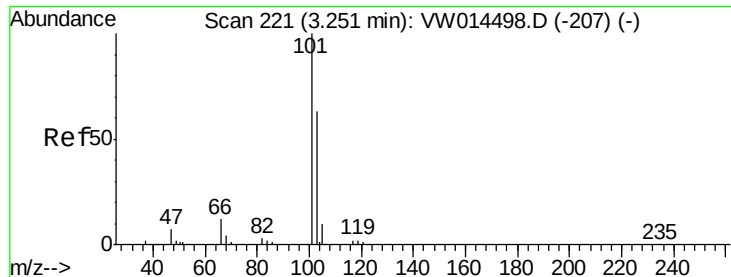
Tgt Ion: 64 Resp: 222958

Ion Ratio Lower Upper

64 100

66 30.3 25.7 38.5





#7

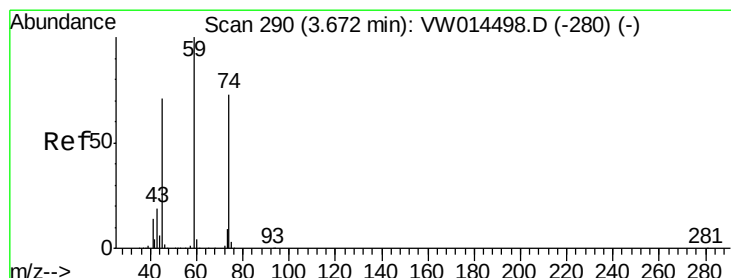
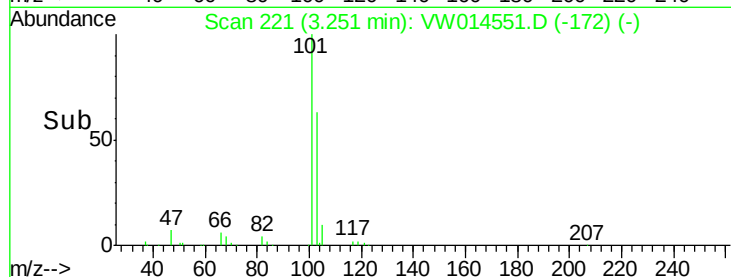
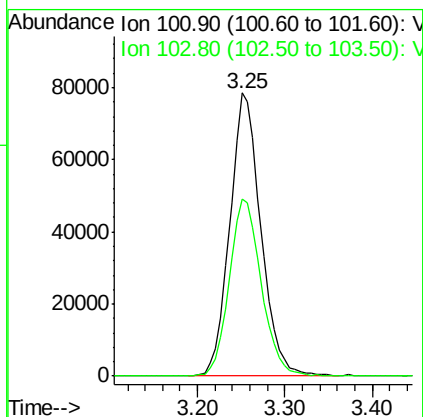
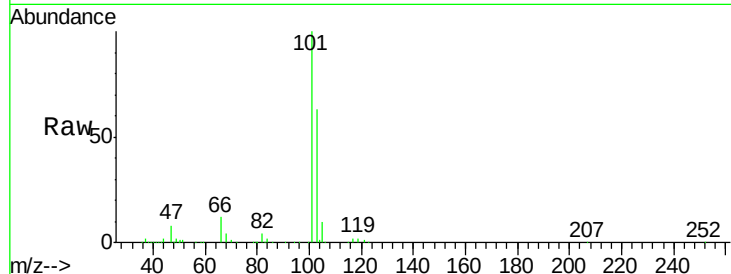
Trichlorofluoromethane
Concen: 51.585 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 193767
Ion Ratio Lower Upper
101 100
103 62.7 50.1 75.1

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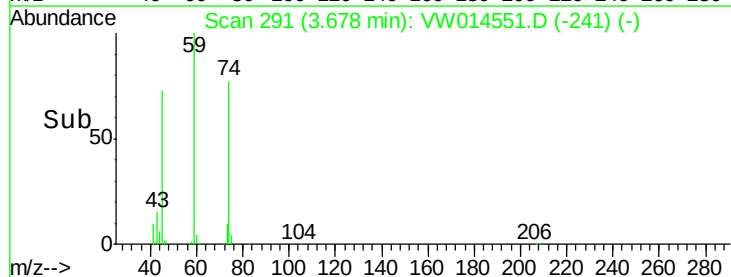
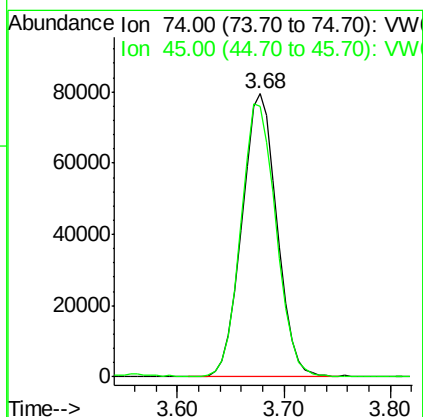
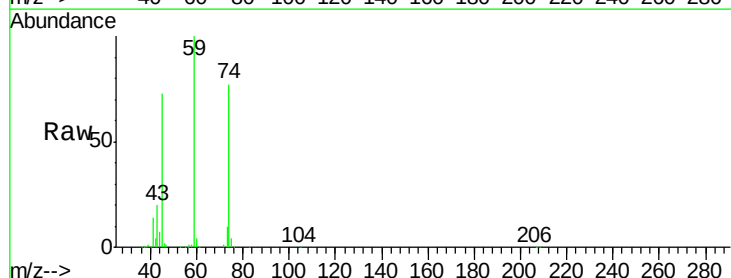
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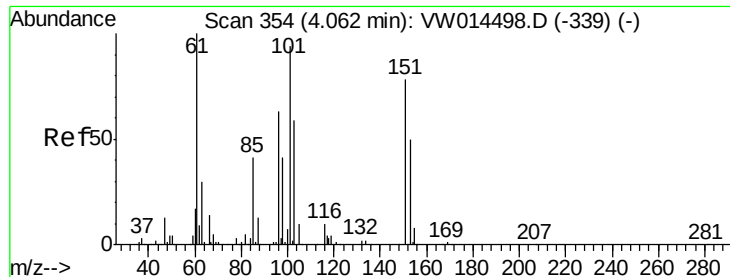


#8

Diethyl Ether
Concen: 49.099 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 74 Resp: 183501
Ion Ratio Lower Upper
74 100
45 97.4 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.406 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

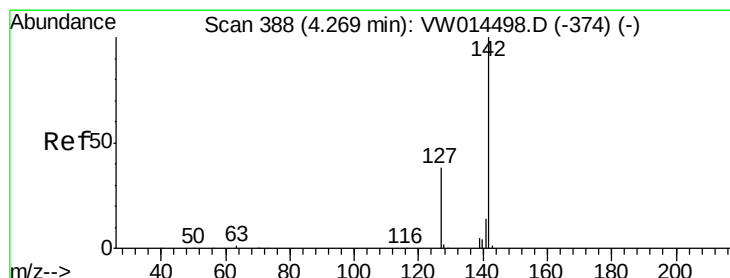
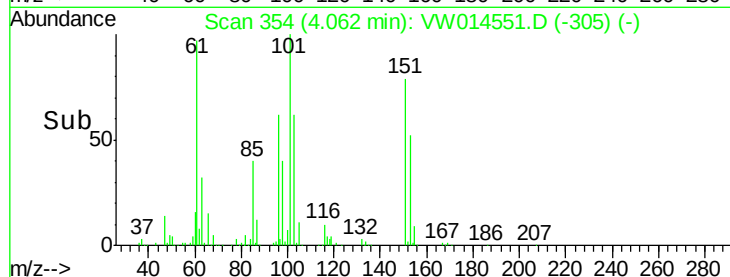
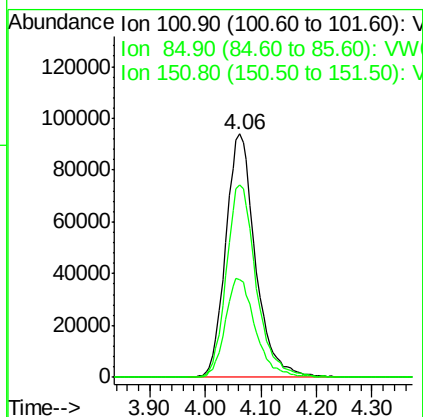
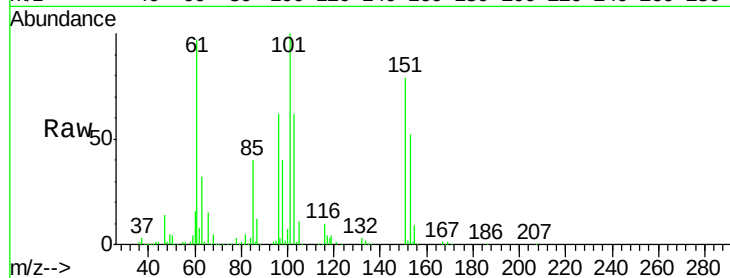
ClientSampled :

VSTDCCC050

Tgt Ion:	101	Resp:	346749
Ion Ratio	Lower	Upper	
101	100		
85	41.3	33.7	50.5
151	79.8	63.5	95.3

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#10

Methyl Iodide

Concen: 50.445 ug/l

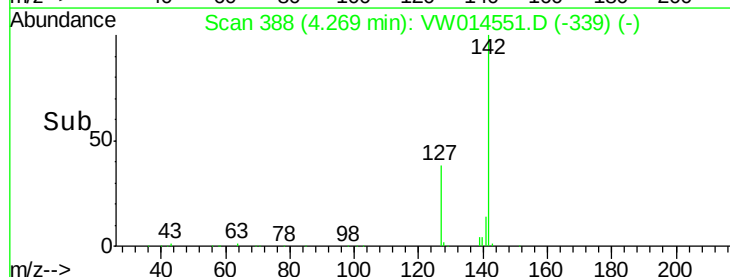
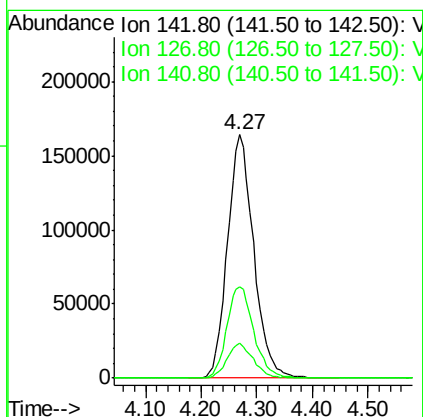
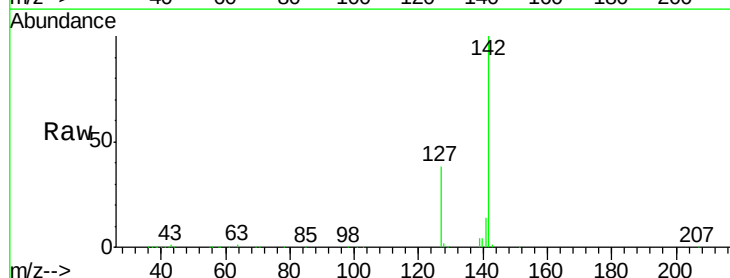
RT: 4.27 min Scan# 388

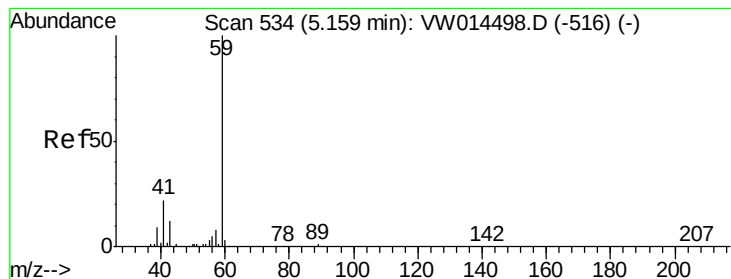
Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion:	142	Resp:	534185
Ion Ratio	Lower	Upper	
142	100		
127	38.6	30.2	45.4
141	14.5	11.4	17.2





#11

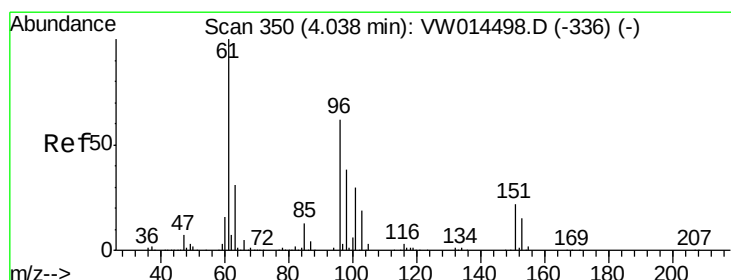
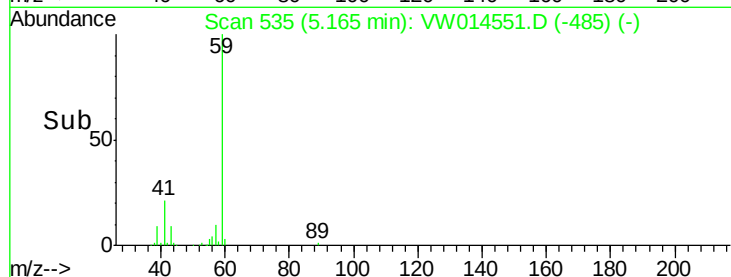
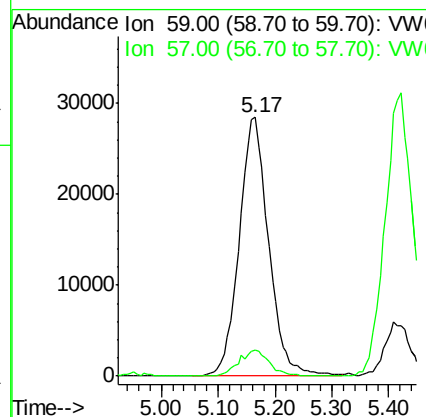
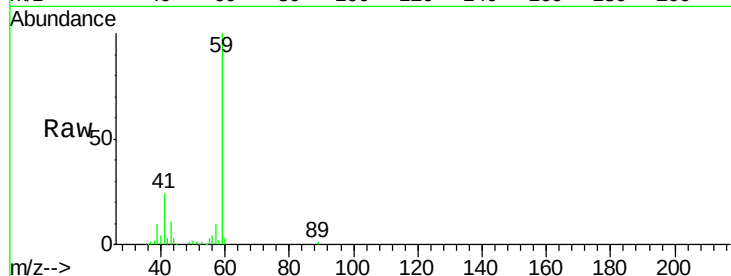
Tert butyl alcohol
 Concen: 202.487 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.8

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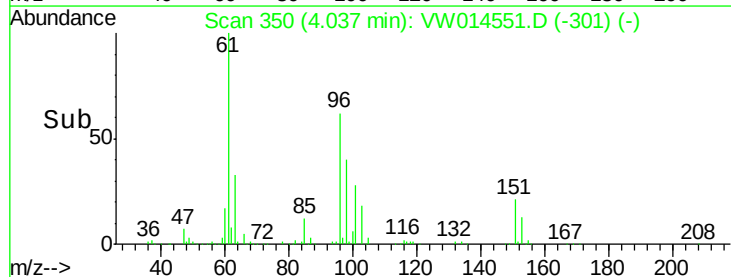
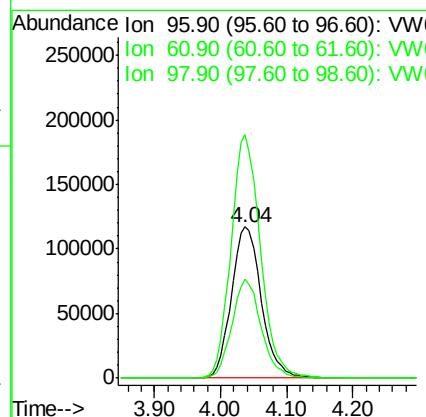
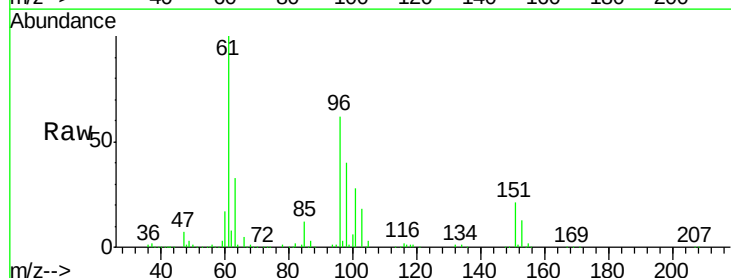
apatel
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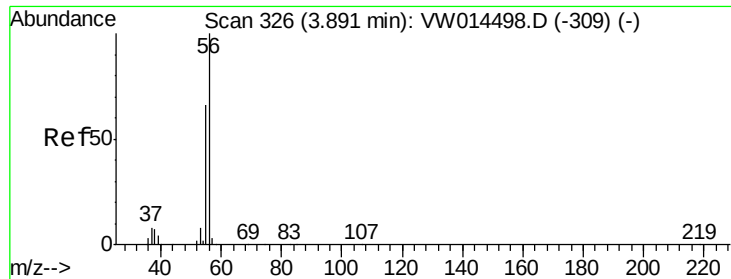


#12

1,1-Dichloroethene
 Concen: 50.001 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	128.4	192.6
98	65.3	49.1	73.7





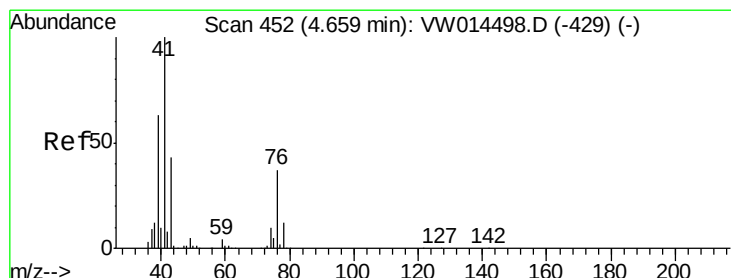
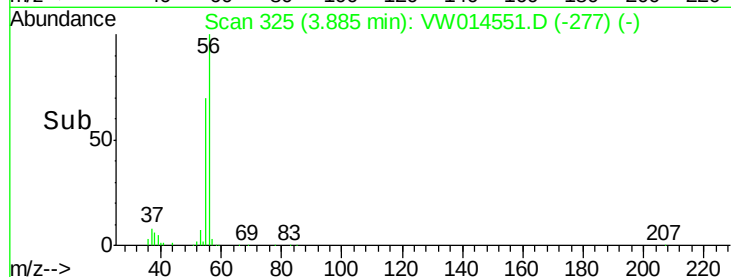
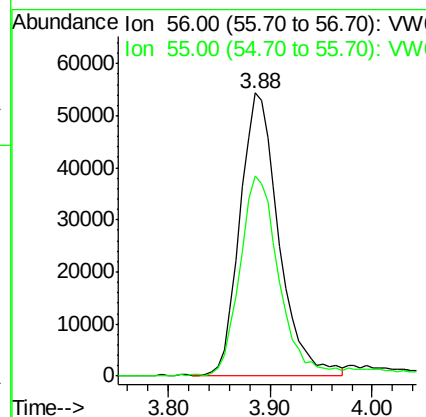
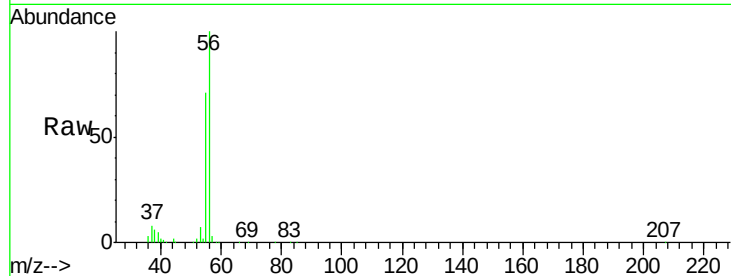
#13
Acrolein
Concen: 252.374 ug/l
RT: 3.88 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 142238
Ion Ratio Lower Upper
56 100
55 71.1 56.7 85.1

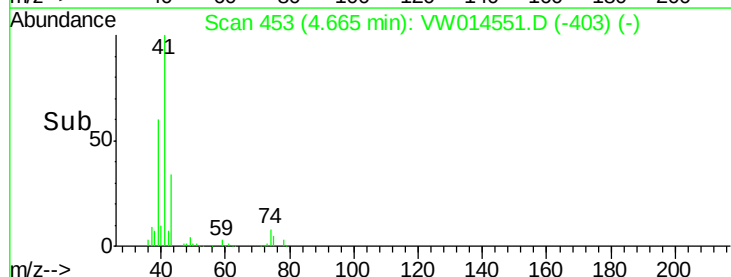
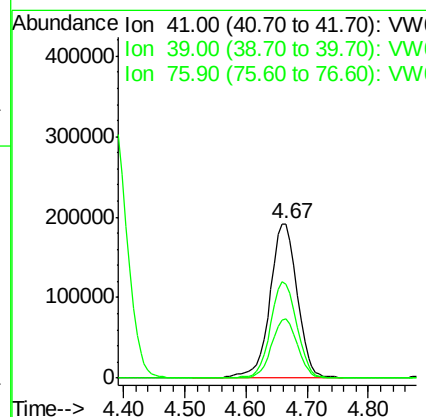
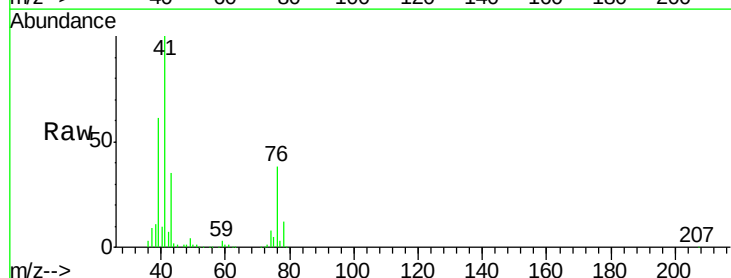
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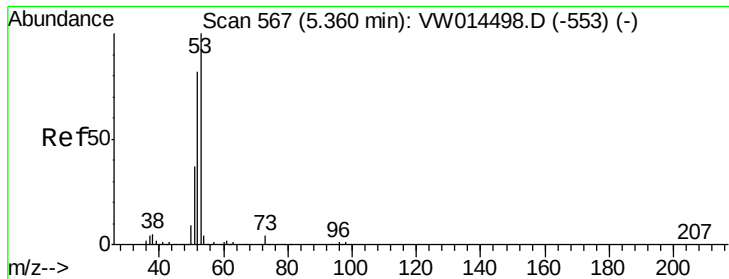
apatel
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#14
Allyl chloride
Concen: 52.680 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 41 Resp: 591678
Ion Ratio Lower Upper
41 100
39 60.5 48.5 72.7
76 36.2 28.1 42.1





#15

Acrylonitrile

Concen: 235.703 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

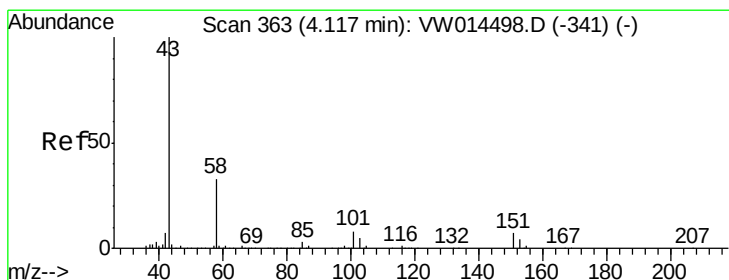
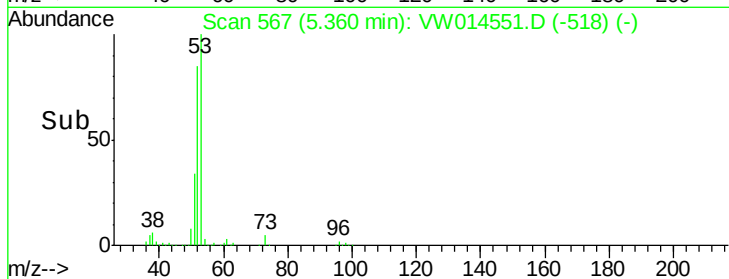
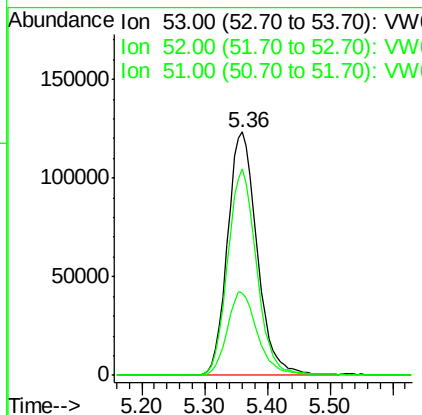
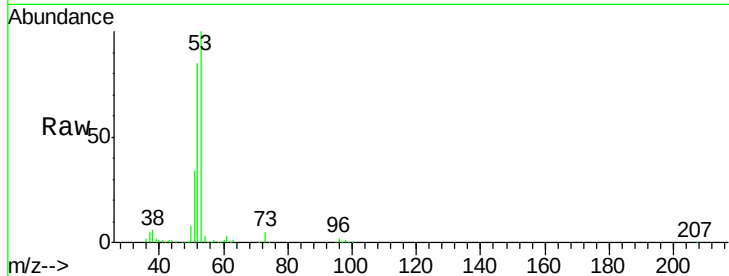
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	402659
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.5	99.7
51	35.1	28.4	42.6

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#16

Acetone

Concen: 253.010 ug/l

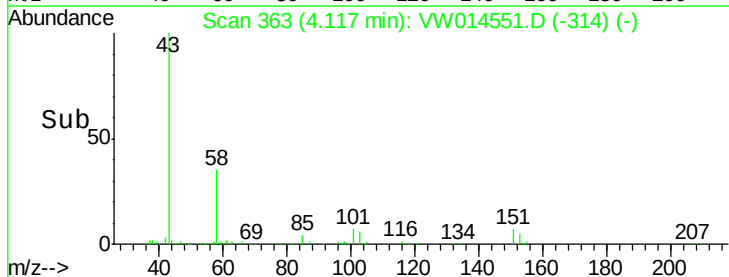
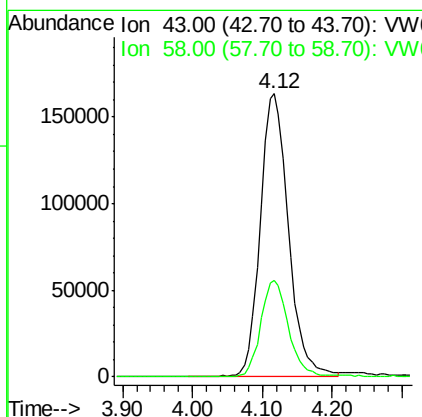
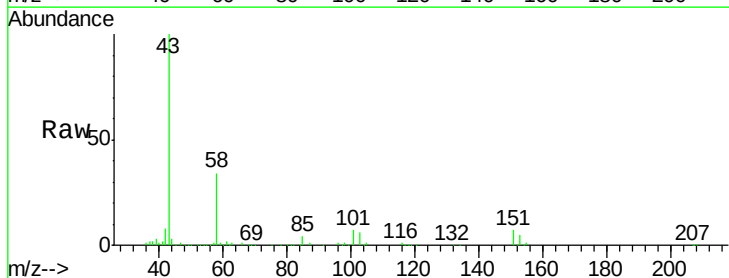
RT: 4.12 min Scan# 363

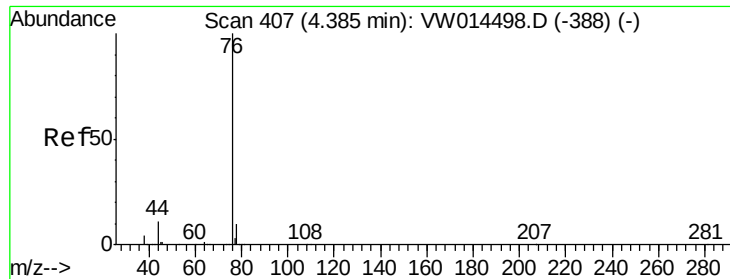
Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion:	43	Resp:	461323
Ion	Ratio	Lower	Upper
43	100		
58	34.2	26.6	39.8





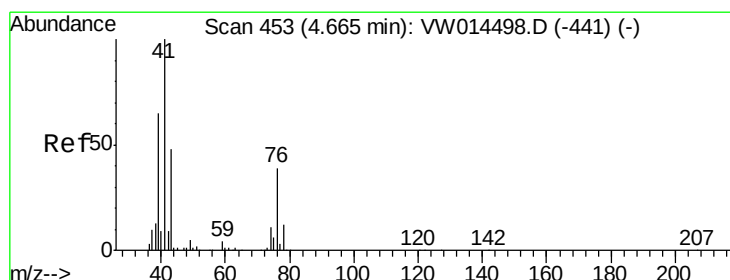
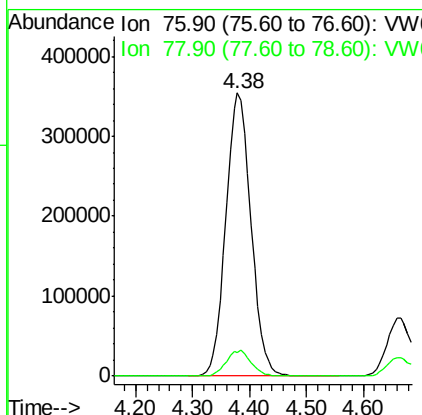
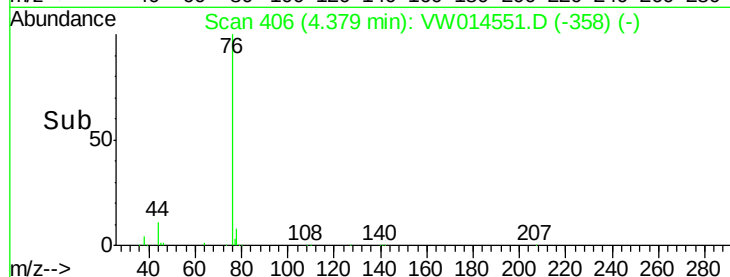
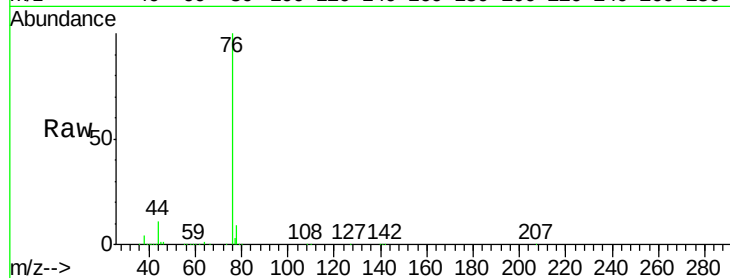
#17
Carbon Disulfide
Concen: 49.239 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 1090755
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.6

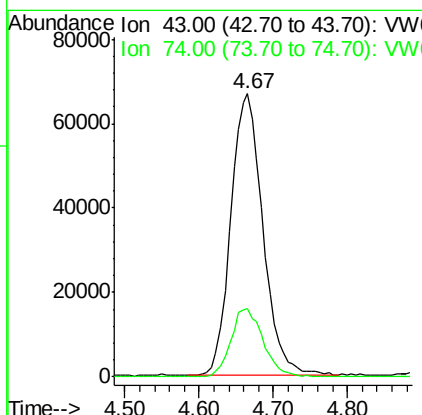
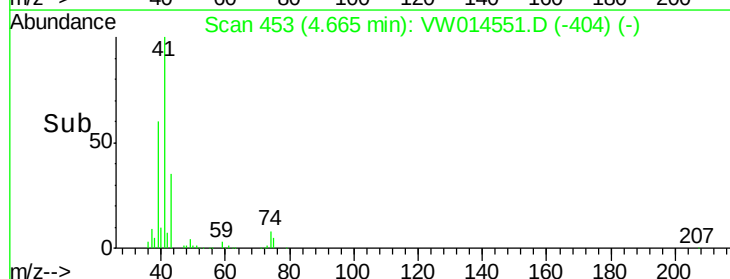
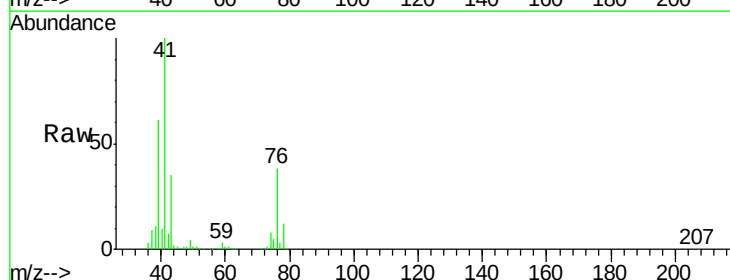
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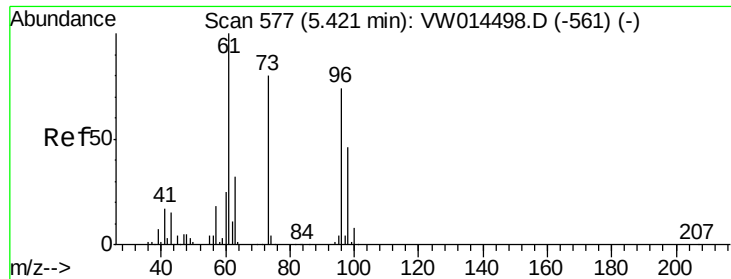
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#18
Methyl Acetate
Concen: 45.894 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 43 Resp: 202100
Ion Ratio Lower Upper
43 100
74 24.2 19.3 28.9





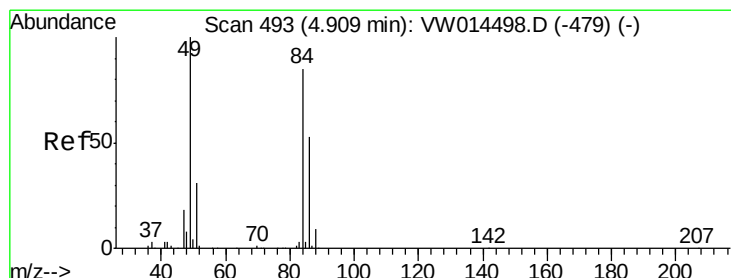
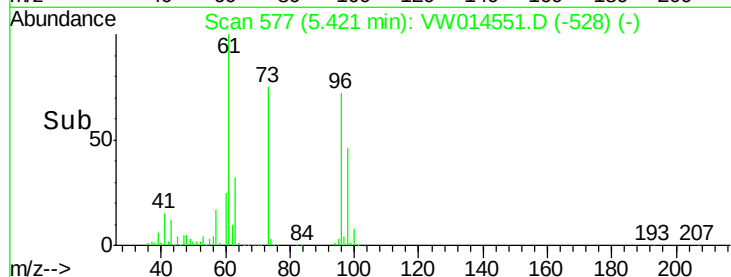
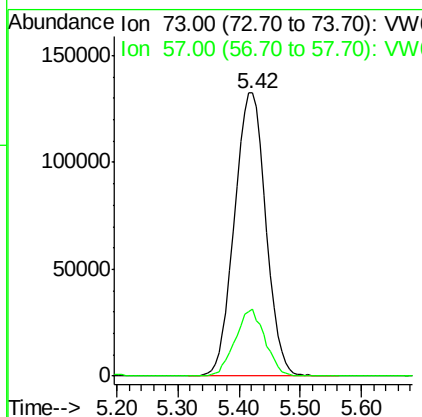
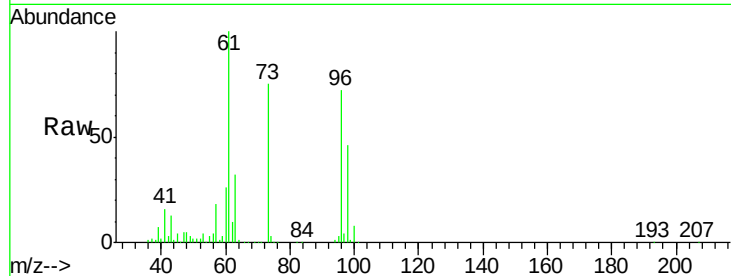
#19
Methyl tert-butyl Ether
Concen: 51.593 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 73 Resp: 470704
Ion Ratio Lower Upper
73 100
57 23.5 18.1 27.1

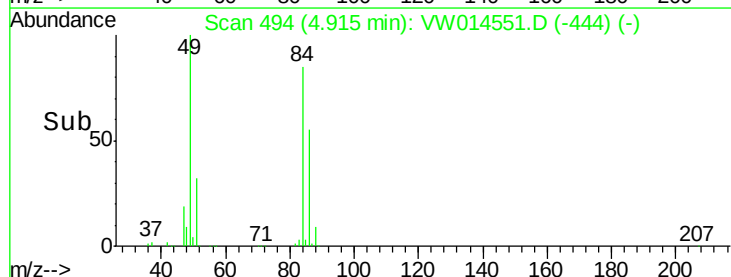
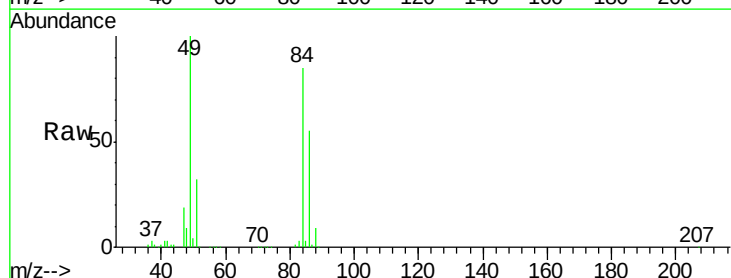
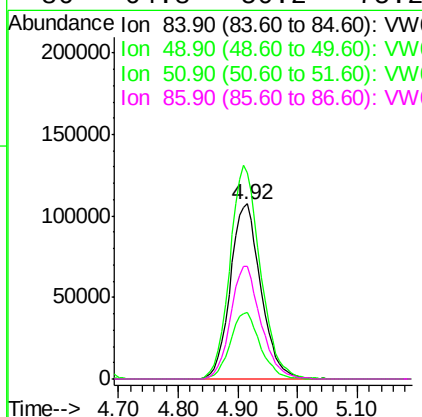
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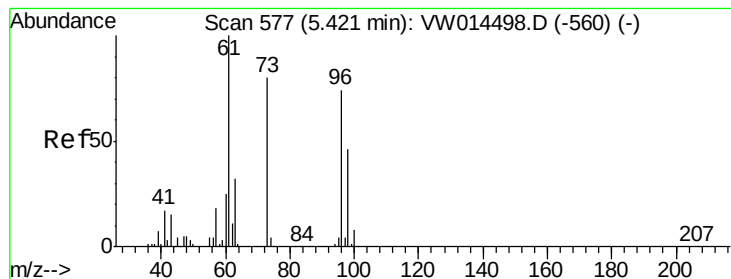
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#20
Methylene Chloride
Concen: 51.961 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 84 Resp: 381898
Ion Ratio Lower Upper
84 100
49 118.1 94.4 141.6
51 38.2 29.5 44.3
86 64.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 51.176 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

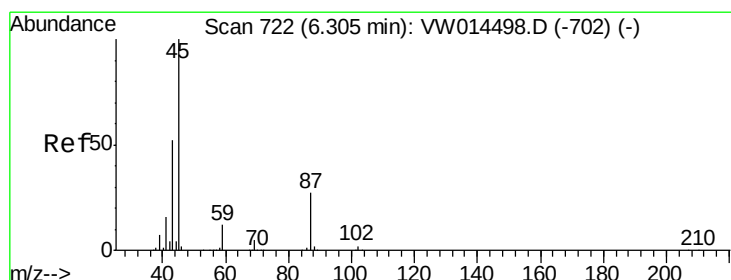
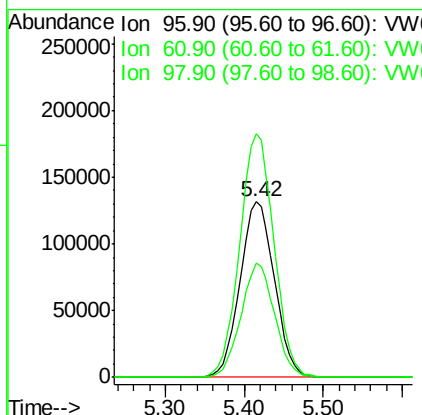
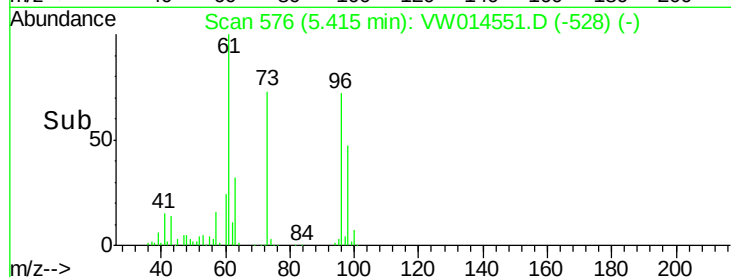
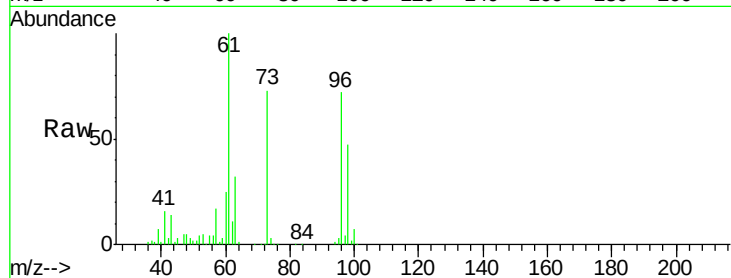
ClientSampled :

VSTDCCC050

Tgt Ion:	96	Resp:	399385
Ion	Ratio	Lower	Upper
96	100		
61	138.7	107.8	161.6
98	65.3	49.4	74.0

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#22

Diisopropyl ether

Concen: 51.259 ug/l

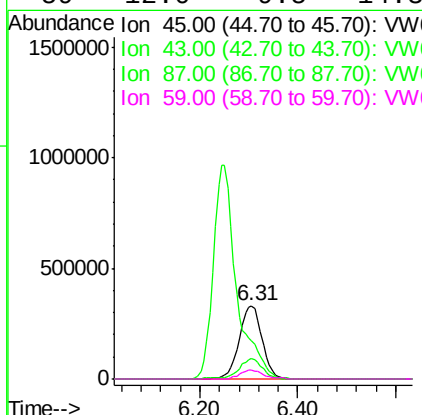
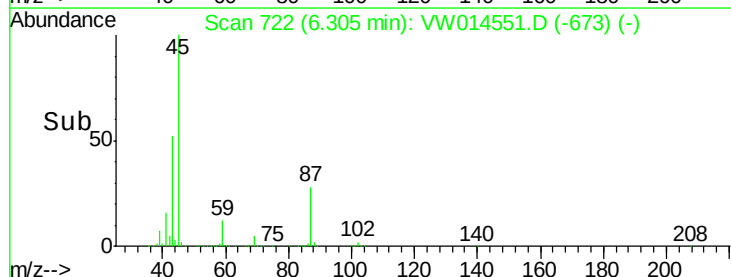
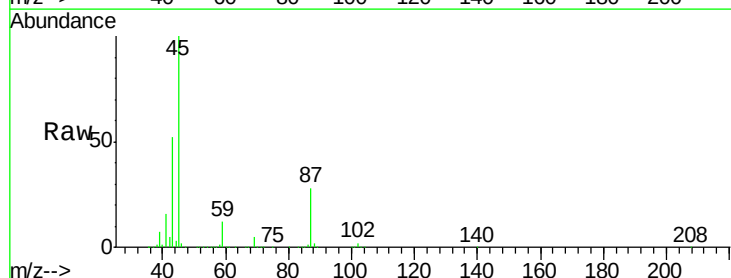
RT: 6.31 min Scan# 722

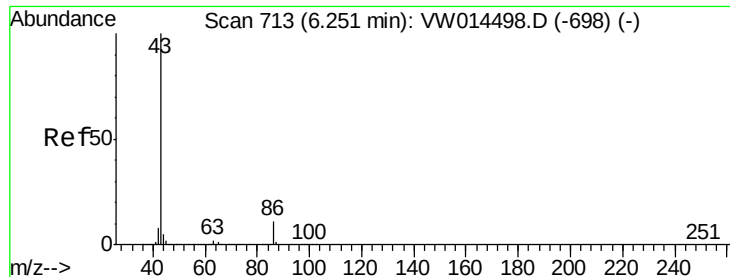
Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion:	45	Resp:	1077592
Ion	Ratio	Lower	Upper
45	100		
43	51.6	41.4	62.0
87	28.3	22.2	33.2
59	12.0	9.5	14.3





#23

Vinyl Acetate

Concen: 250.975 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 3186056

Ion Ratio Lower Upper

43 100

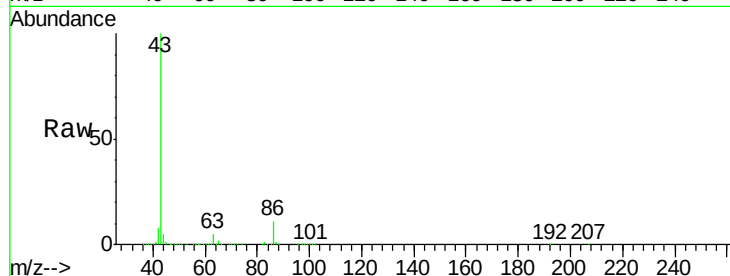
86 10.6 8.8 13.2

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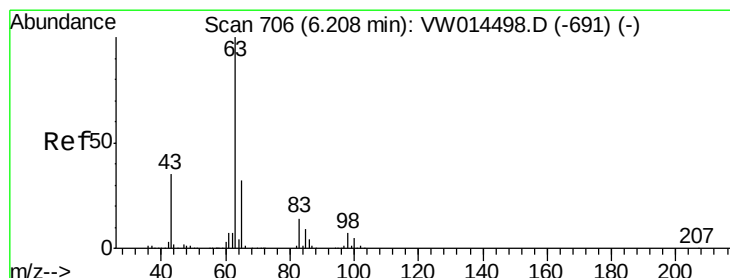
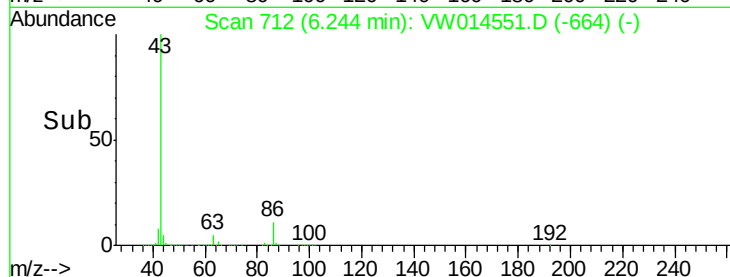
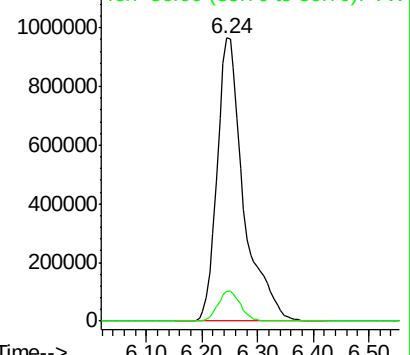
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.432 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

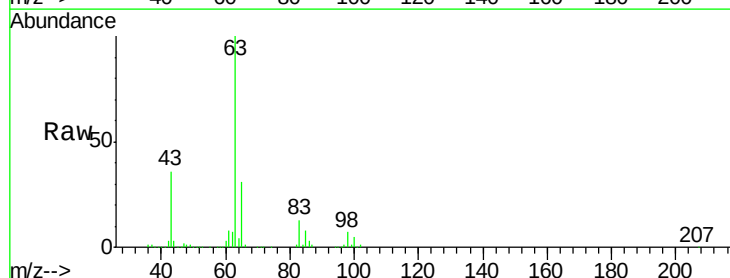
Tgt Ion: 63 Resp: 682027

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

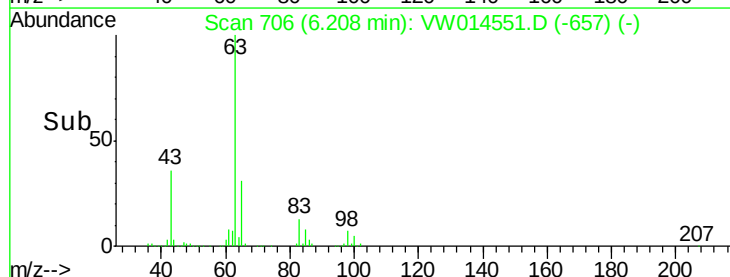
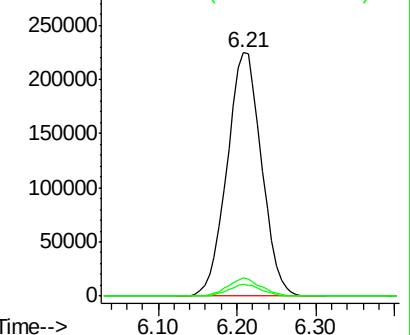
100 4.7 2.5 7.4

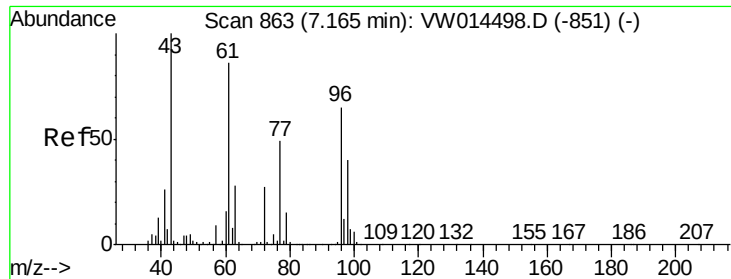


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 236.841 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 554192

Ion Ratio Lower Upper

43 100

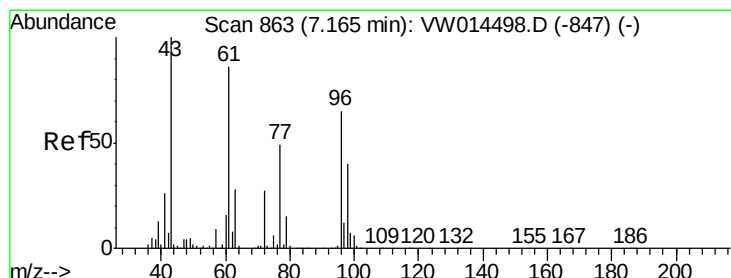
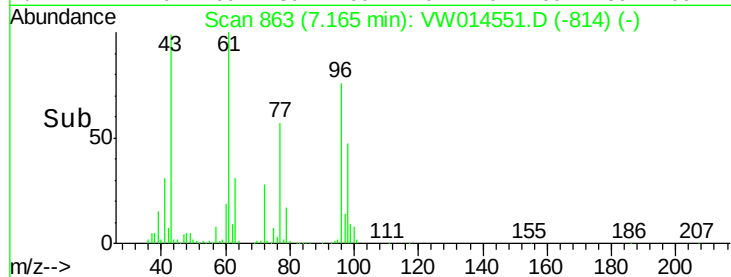
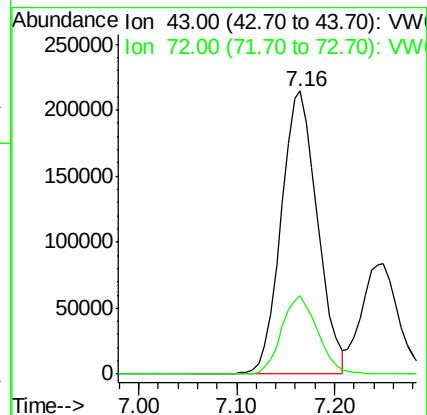
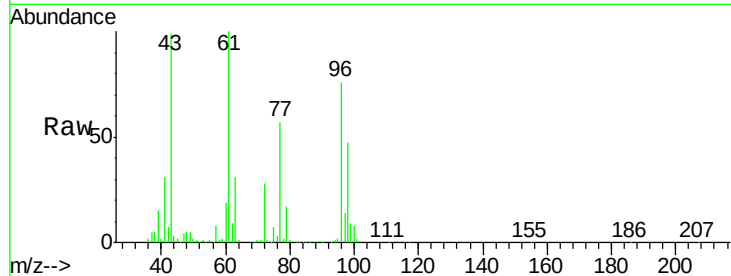
72 28.0 21.9 32.9

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#26

2,2-Dichloropropane

Concen: 50.516 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014551.D

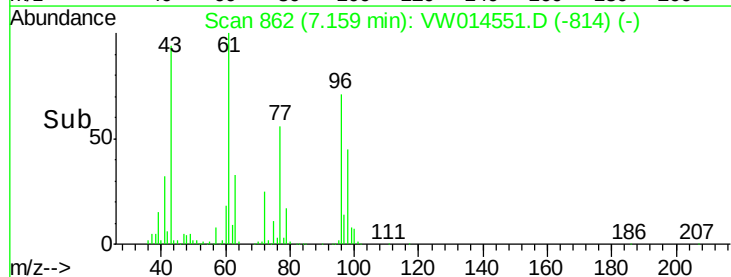
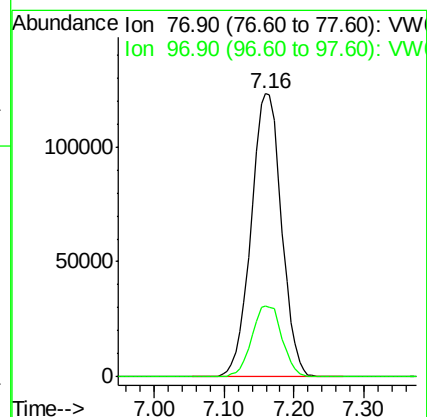
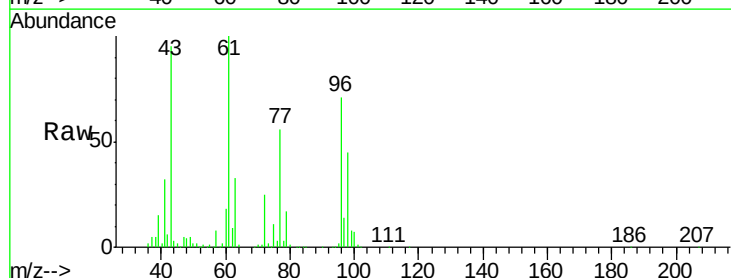
Acq: 08 Jan 2020 09:54

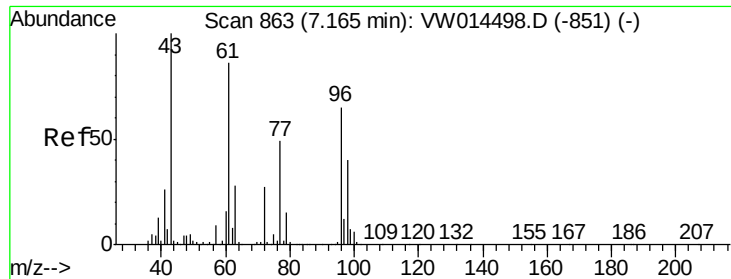
Tgt Ion: 77 Resp: 370876

Ion Ratio Lower Upper

77 100

97 25.0 12.5 37.5





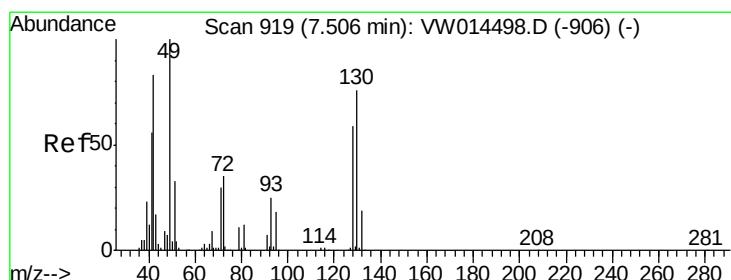
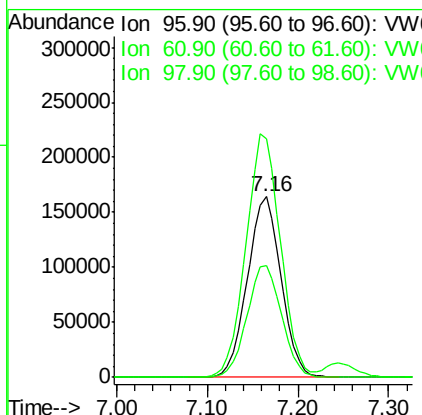
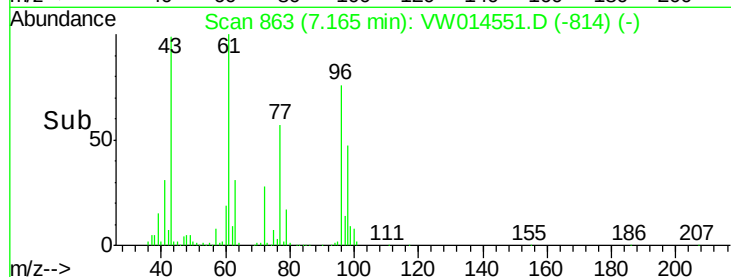
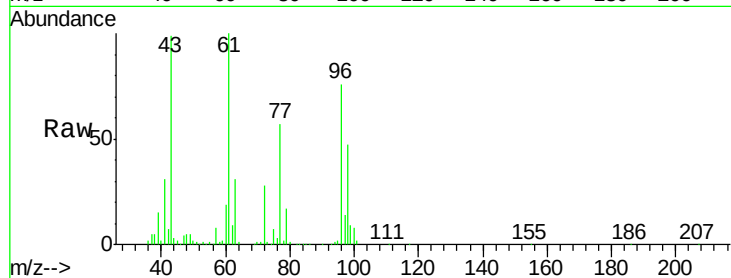
#27
 cis-1,2-Dichloroethene
 Concen: 51.423 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	421685		
61	138.4	0.0	274.8	
98	63.8	0.0	128.6	

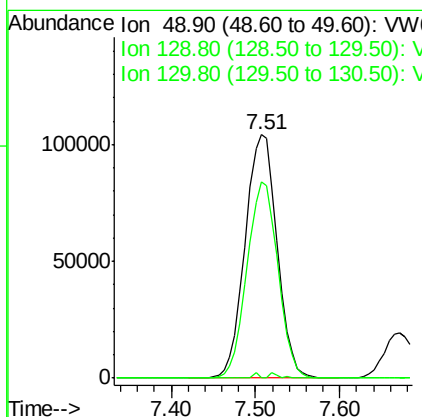
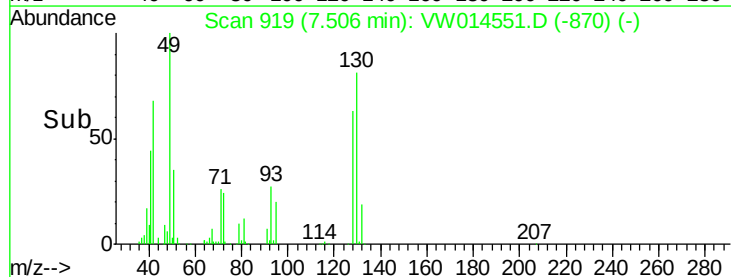
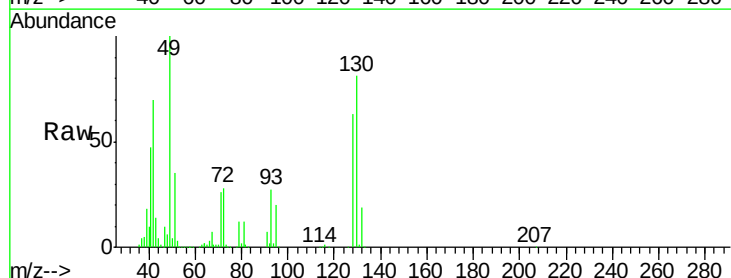
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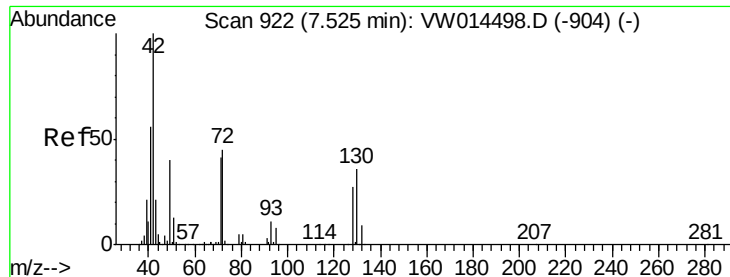
apatel
 1/9/2020 9:28:55 AM



#28
 Bromochloromethane
 Concen: 51.394 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	267194		
129	0.3	0.0	2.0	
130	78.6	62.5	93.7	





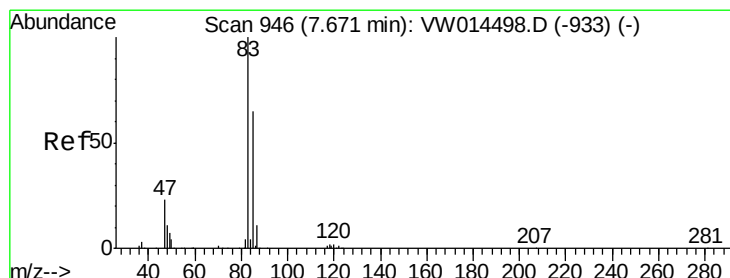
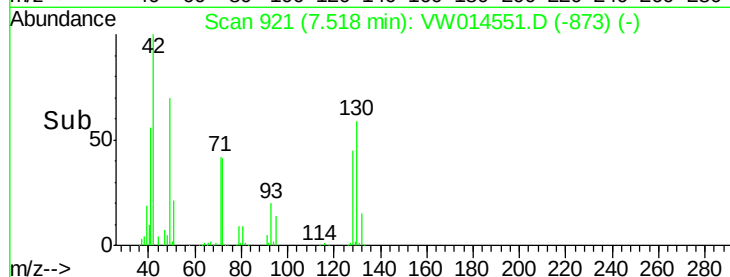
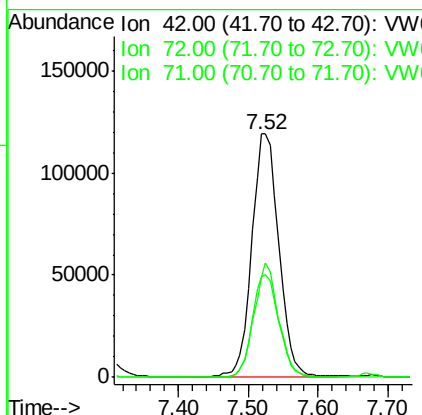
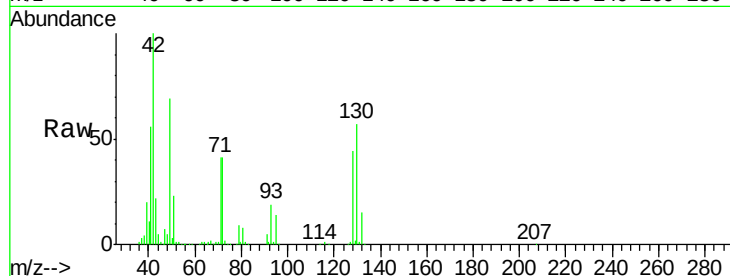
#29
Tetrahydrofuran
Concen: 220.960 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.5	51.7
71	40.7	32.0	48.0

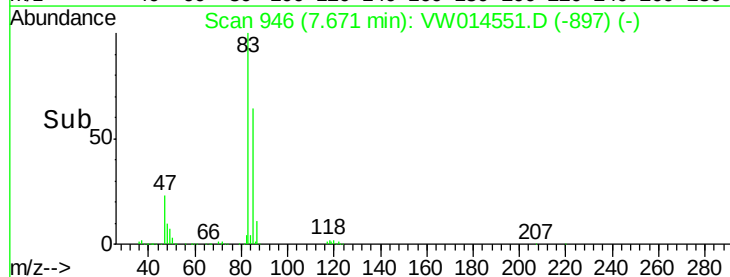
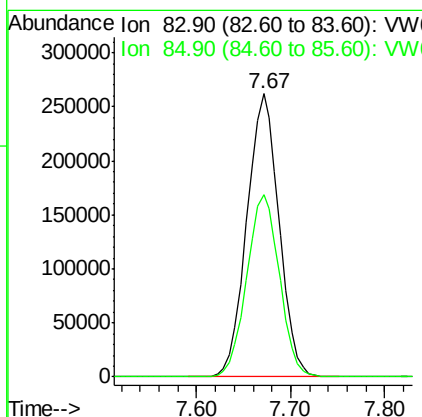
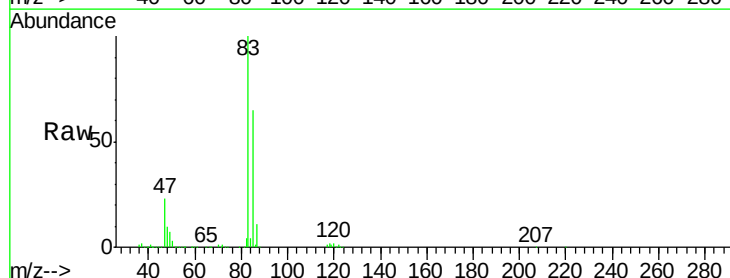
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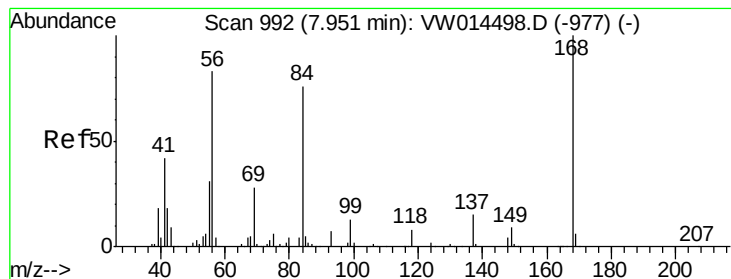
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#30
Chloroform
Concen: 50.654 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.2





#31

Cyclohexane

Concen: 47.303 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

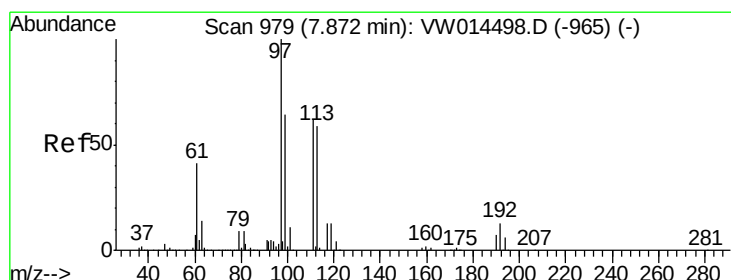
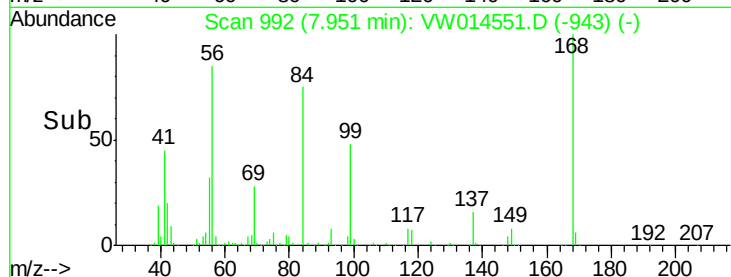
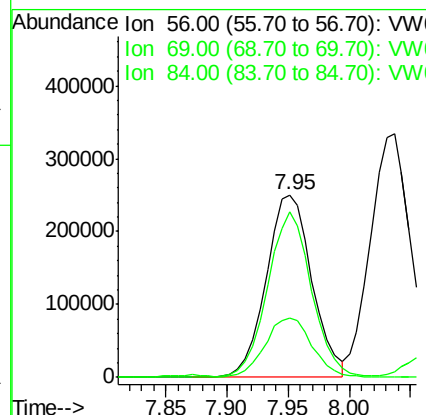
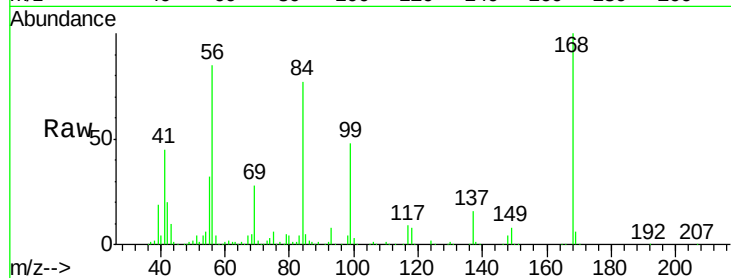
ClientSampled :

VSTDCCC050

Tgt Ion:	56	Resp:	651888
Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.8	40.2
84	89.2	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 50.420 ug/l

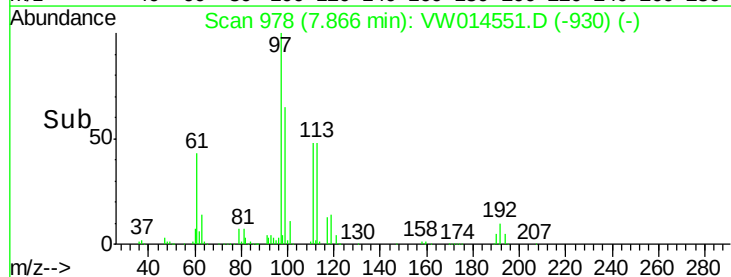
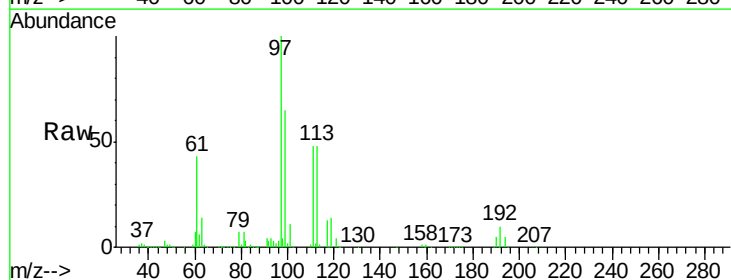
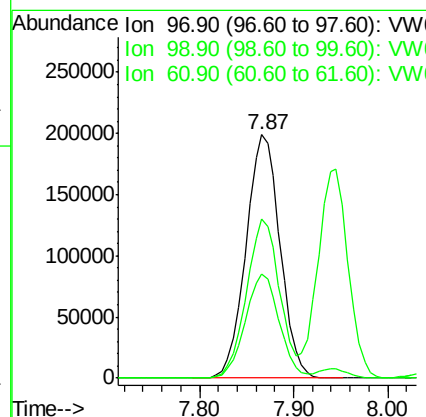
RT: 7.87 min Scan# 978

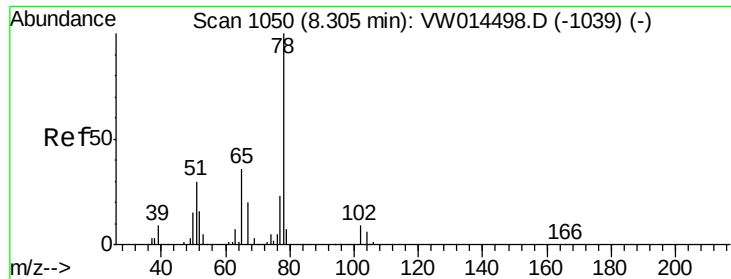
Delta R.T. -0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion:	97	Resp:	502854
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.8	77.6
61	42.7	33.8	50.8





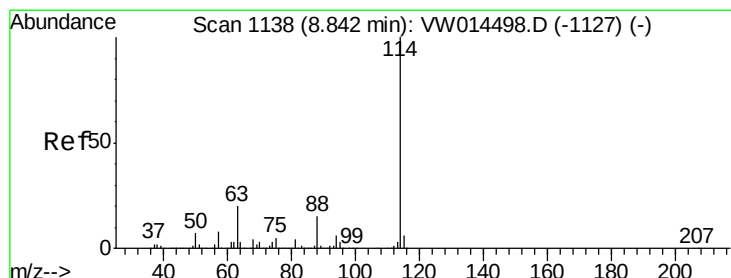
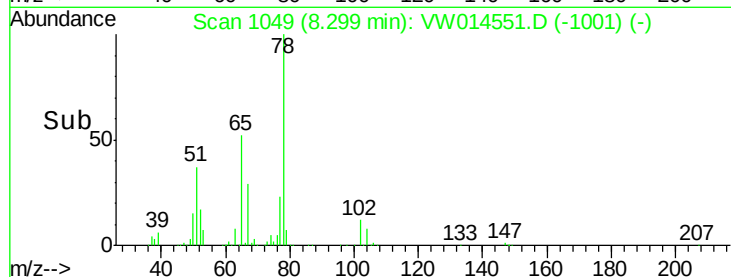
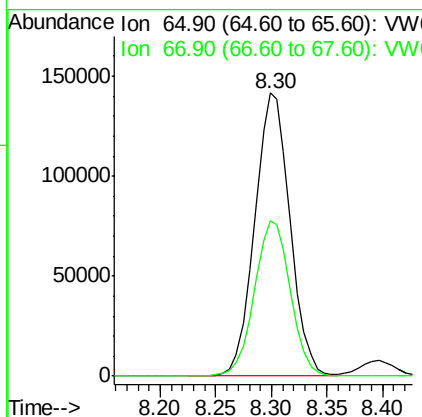
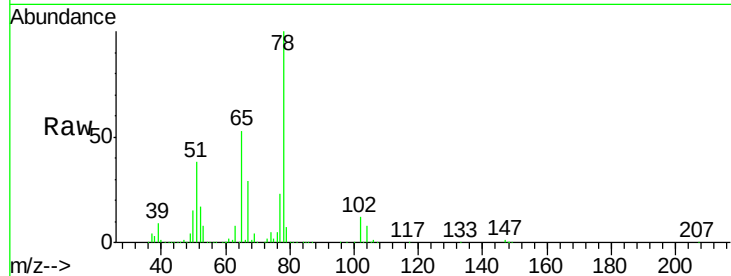
#33
 1,2-Dichloroethane-d4
 Concen: 48.313 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 311975
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 108.4

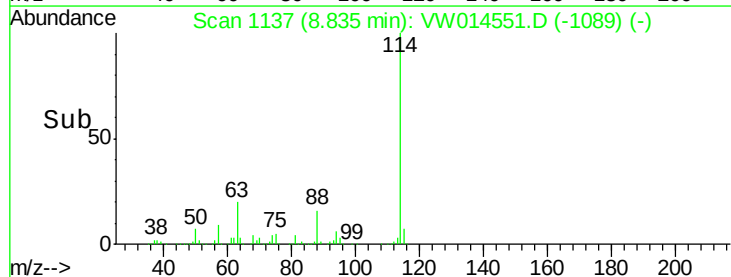
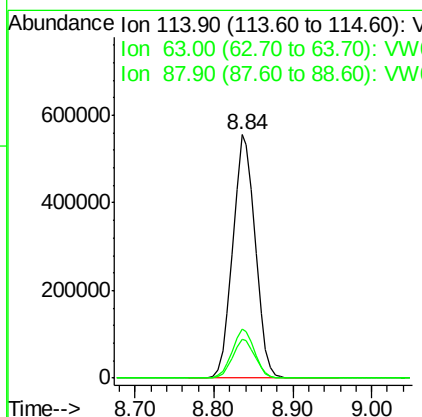
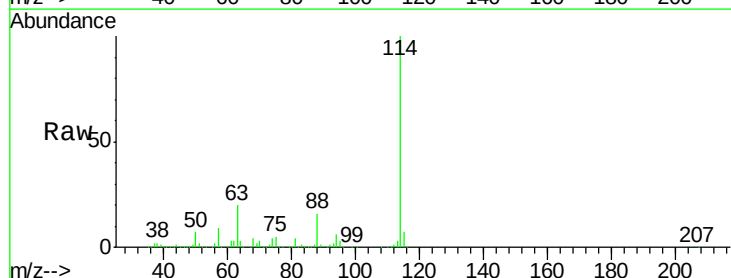
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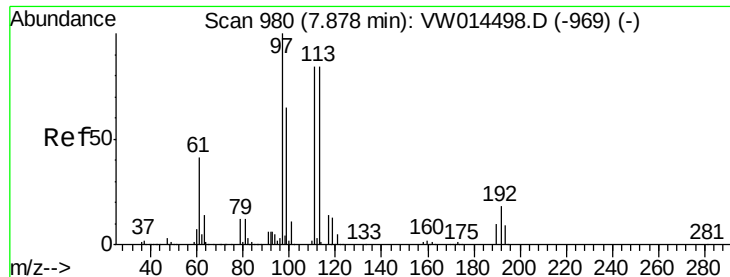
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion: 114 Resp: 1098712
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.4
 88 16.0 0.0 30.6





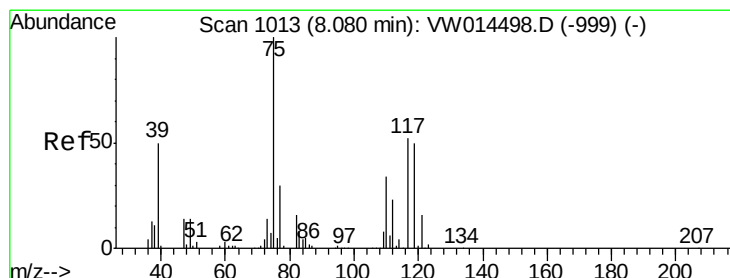
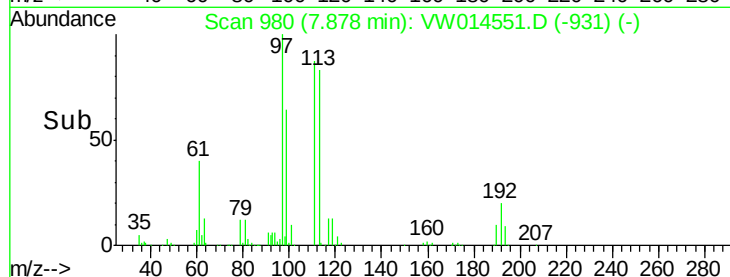
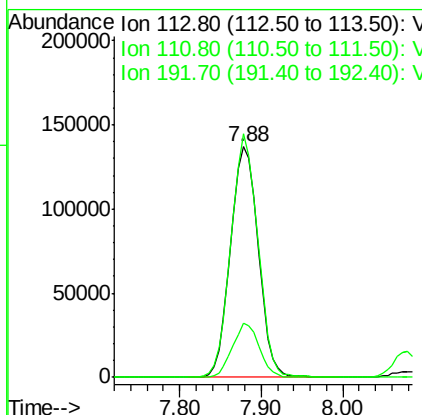
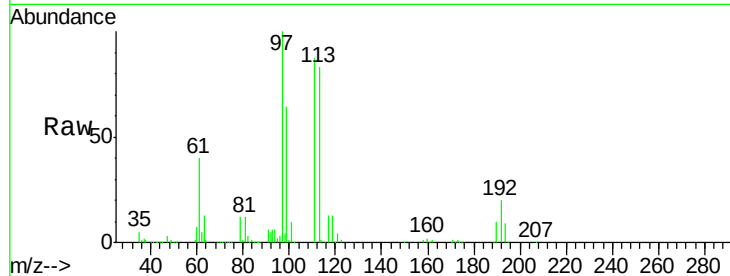
#35
 Dibromofluoromethane
 Concen: 51.421 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	322889		
111	102.2	81.4	122.2	
192	22.4	17.8	26.8	

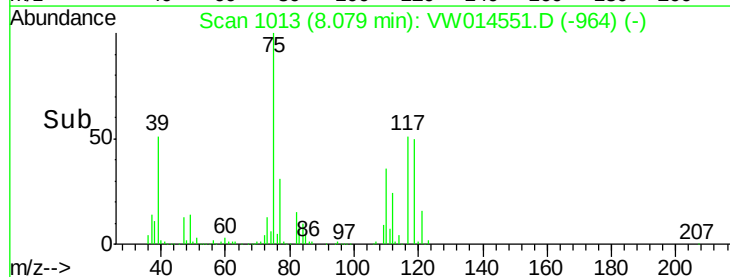
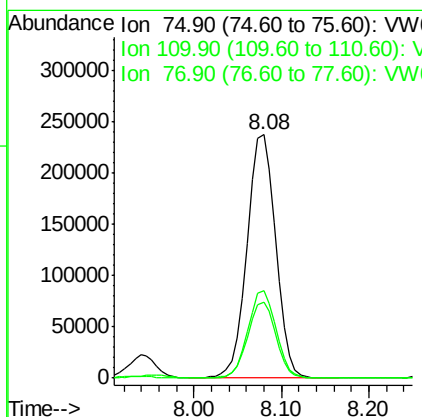
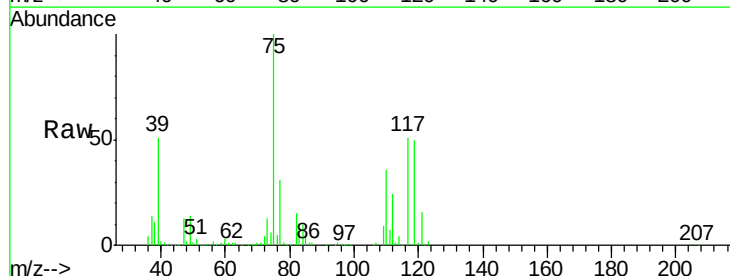
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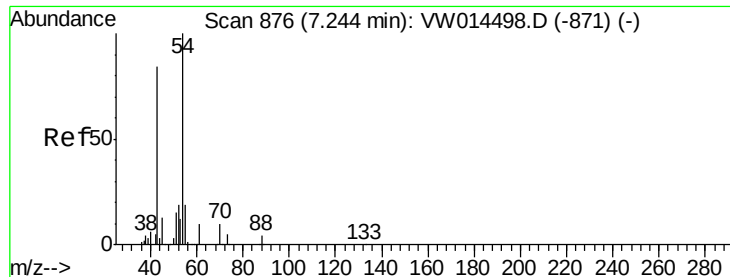
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#36
 1,1-Dichloropropene
 Concen: 51.104 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	541302		
110	35.2	17.8	53.5	
77	30.9	24.7	37.1	





#37

Ethyl Acetate

Concen: 46.319 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

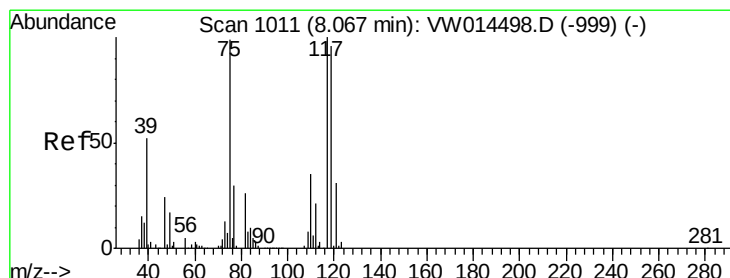
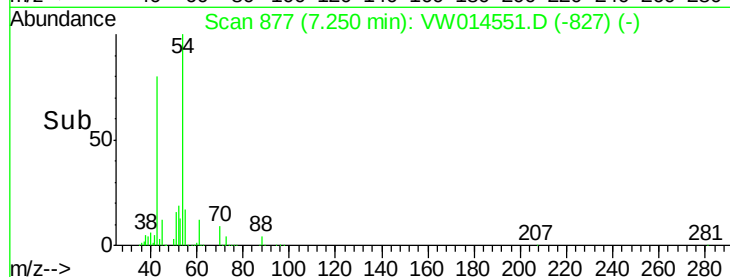
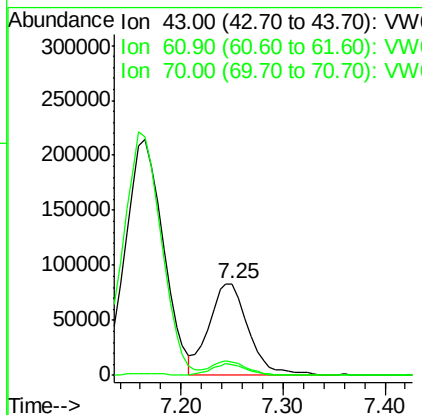
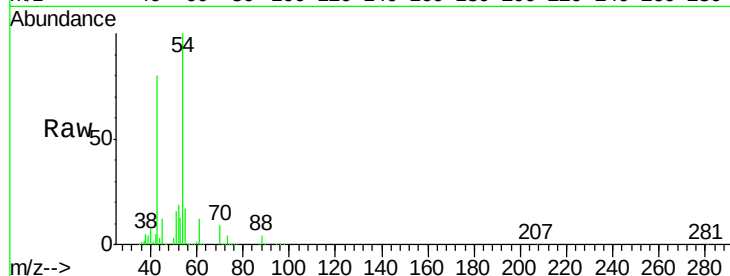
ClientSampled :

VSTDCCC050

Tgt Ion:	43	Resp:	222513
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.7	17.5
70	11.2	9.0	13.6

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#38

Carbon Tetrachloride

Concen: 50.016 ug/l

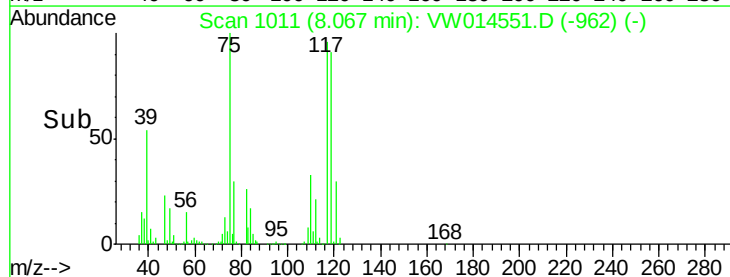
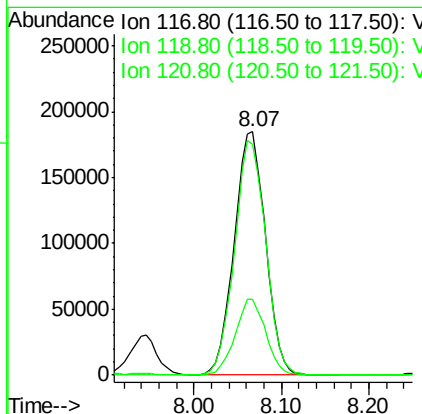
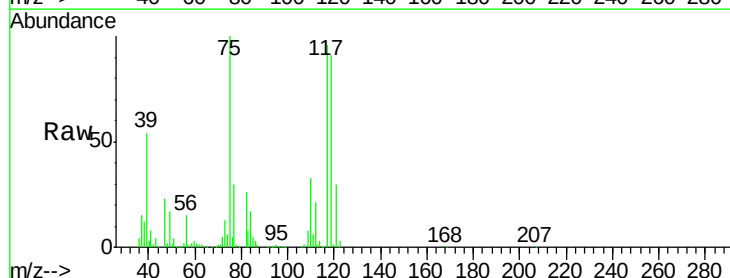
RT: 8.07 min Scan# 1011

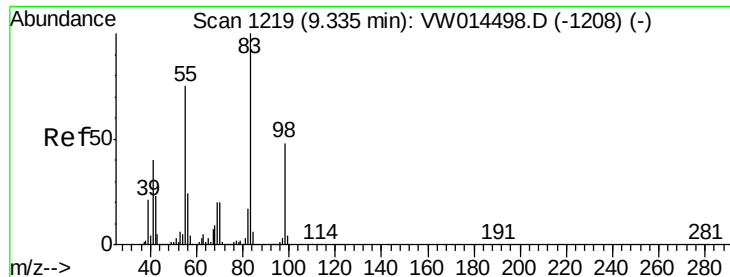
Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion:	117	Resp:	459610
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.6
121	31.1	24.6	36.8





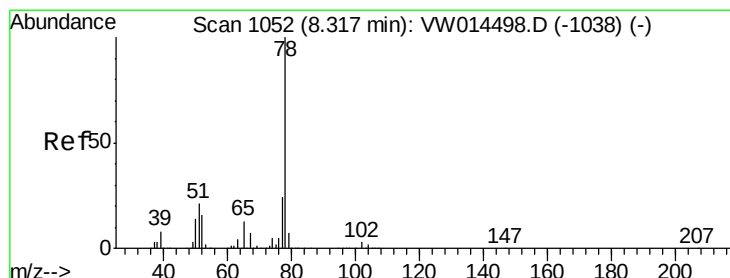
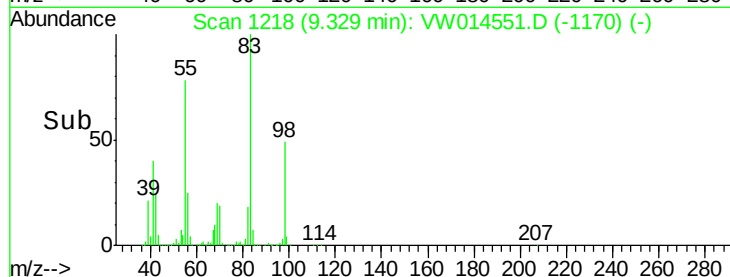
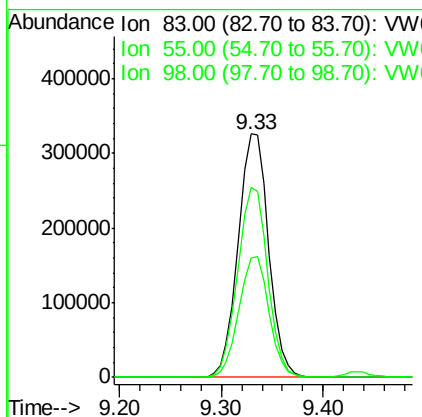
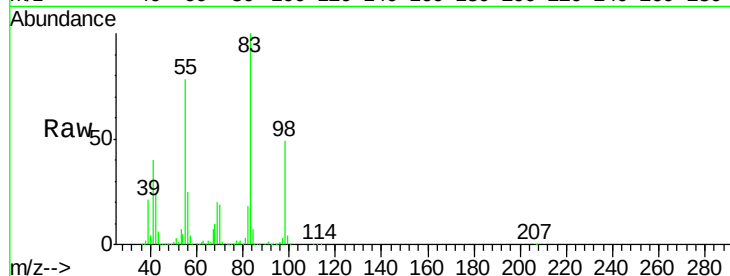
#39
Methylcyclohexane
Concen: 49.733 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	60.1	90.1
98	49.0	38.8	58.2

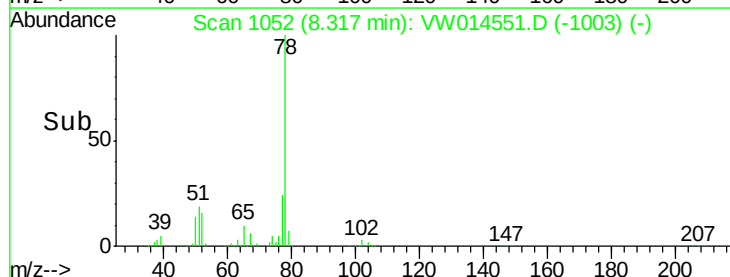
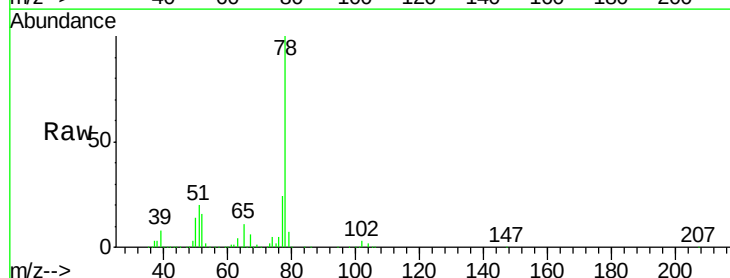
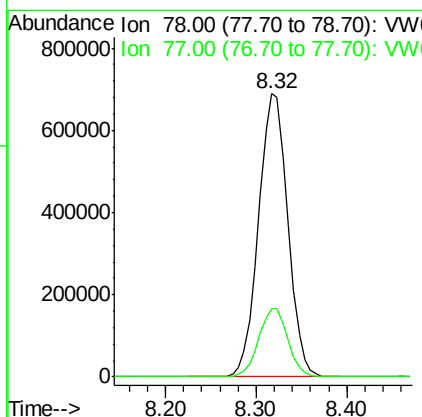
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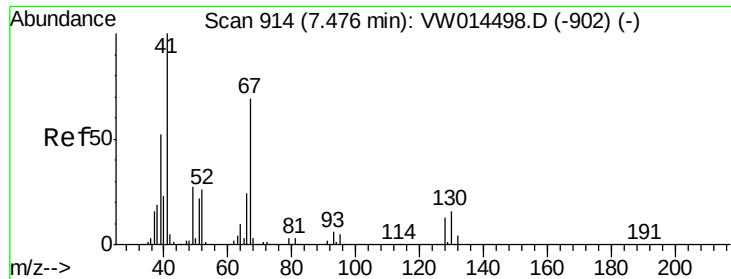
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#40
Benzene
Concen: 51.265 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





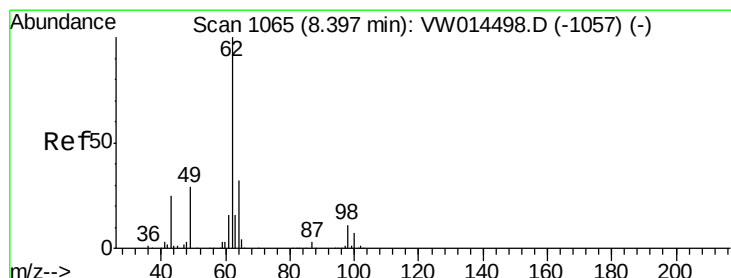
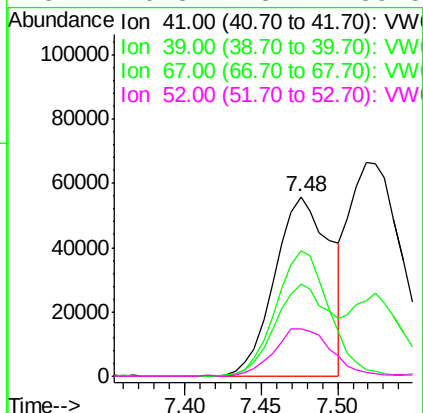
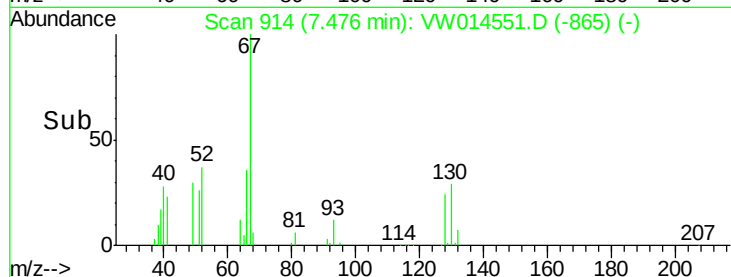
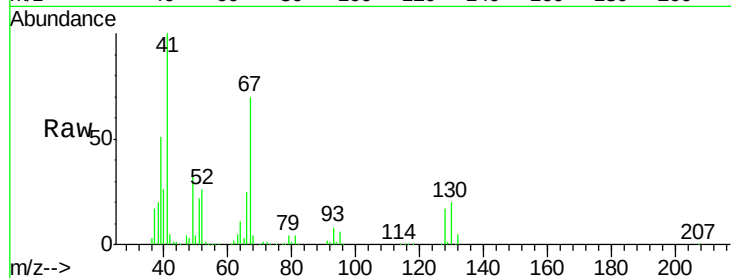
#41
Methacrylonitrile
Concen: 53.215 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	49.6	46.0	69.0
67	66.4	60.8	91.2
52	26.3	23.7	35.5

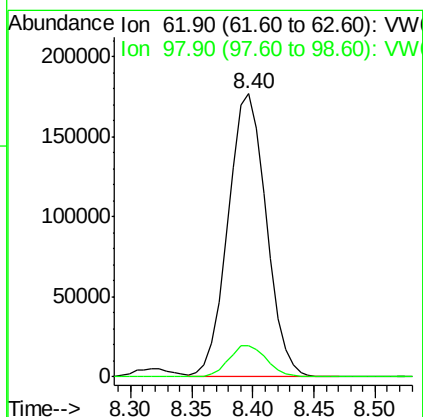
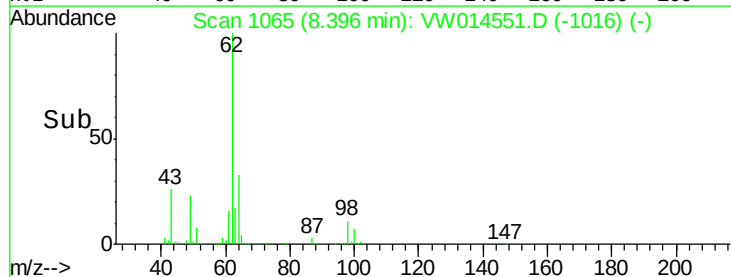
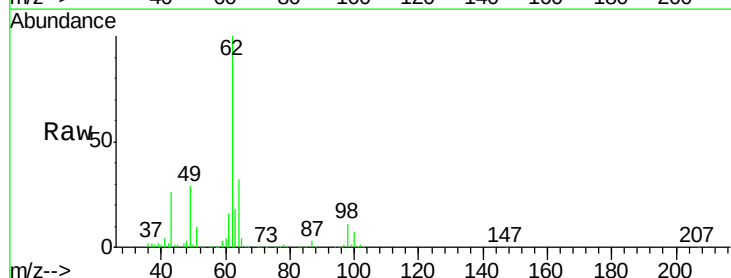
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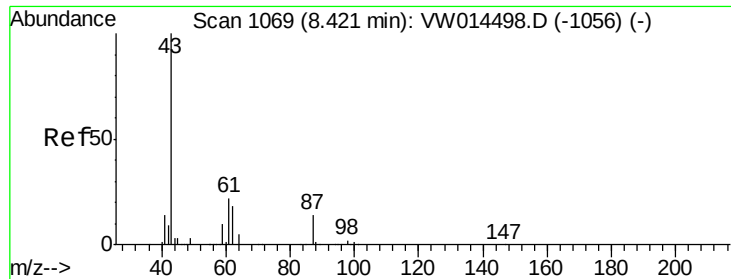
apatel
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#42
1,2-Dichloroethane
Concen: 49.292 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.0





#43

Isopropyl Acetate

Concen: 46.889 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

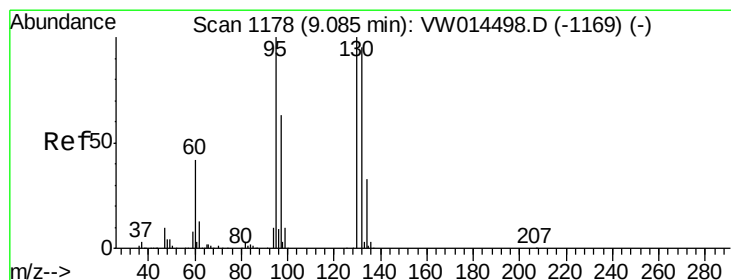
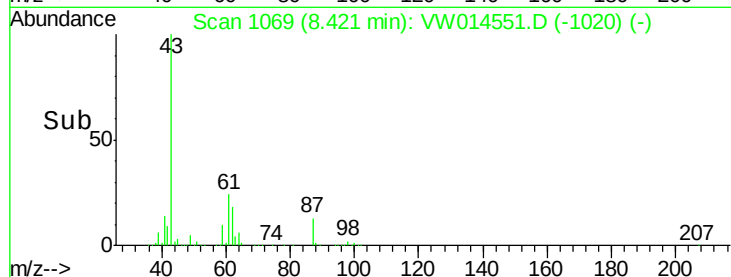
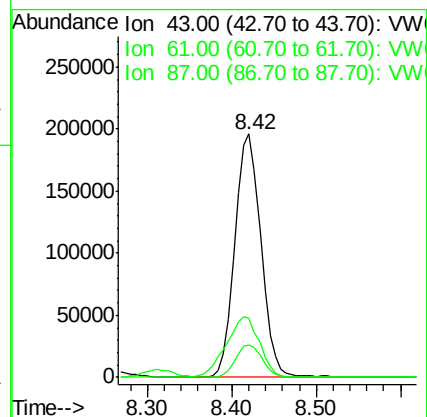
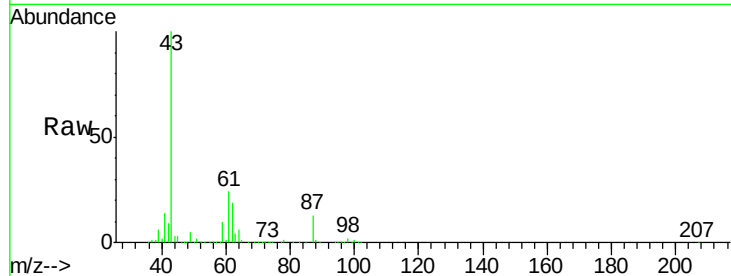
ClientSampled :

VSTDCCC050

Tgt Ion:	43	Resp:	409029
Ion	Ratio	Lower	Upper
43	100		
61	32.0	24.7	37.1
87	13.6	11.1	16.7

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#44

Trichloroethene

Concen: 50.762 ug/l

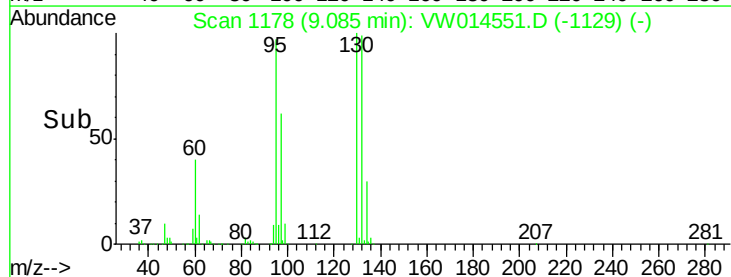
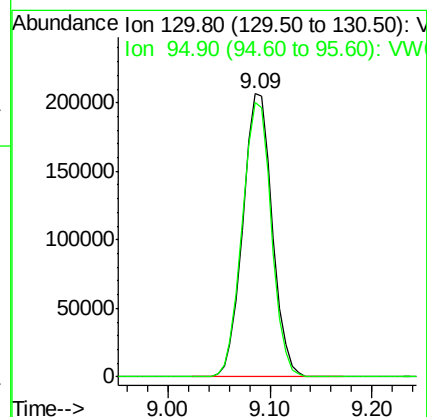
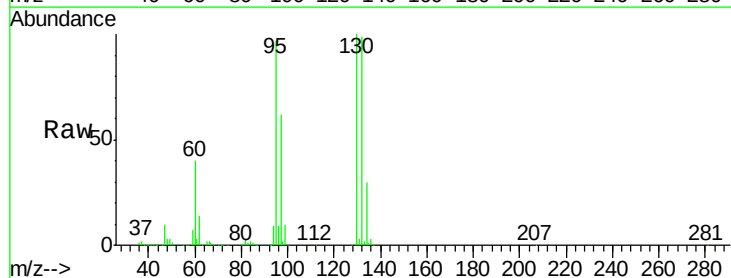
RT: 9.09 min Scan# 1178

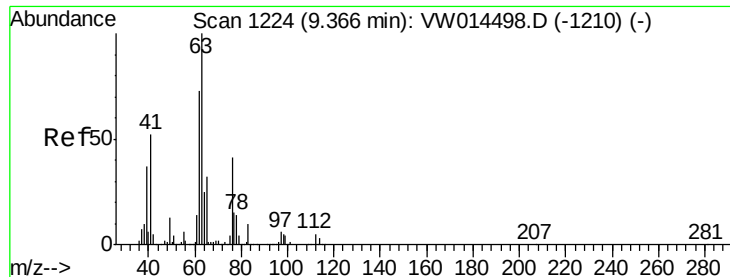
Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion:	130	Resp:	411648
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	199.4





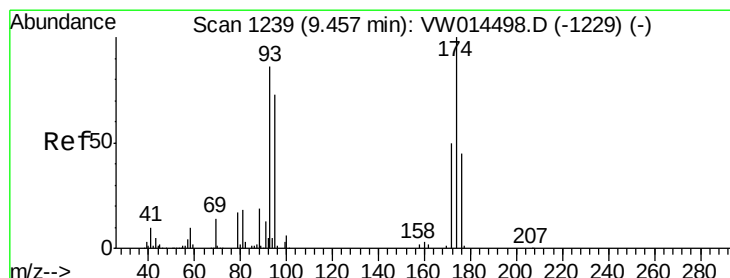
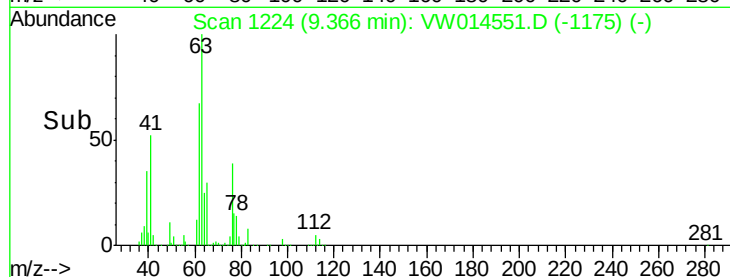
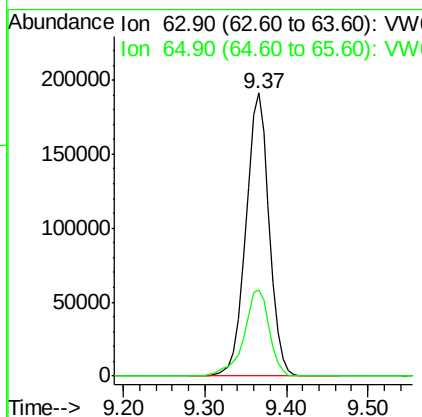
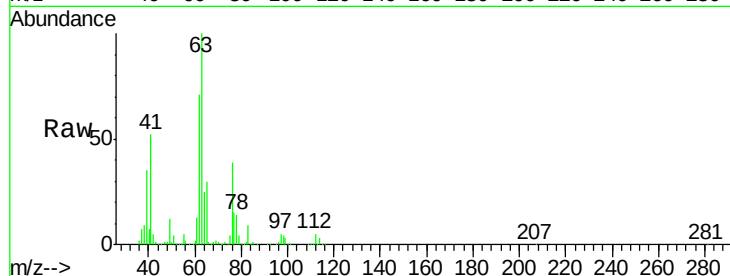
#45
 1,2-Dichloropropane
 Concen: 51.445 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.6	38.4

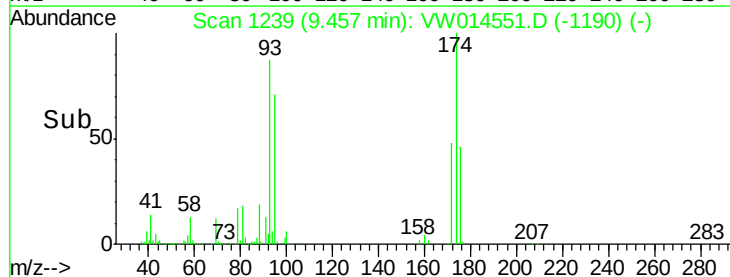
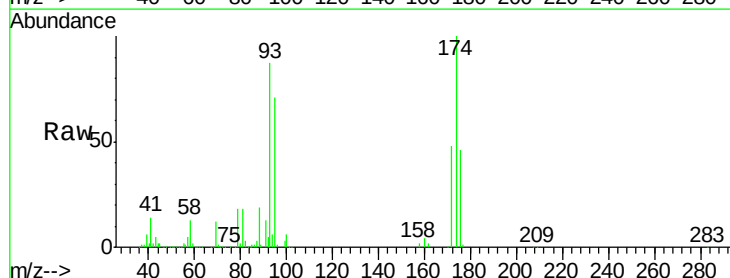
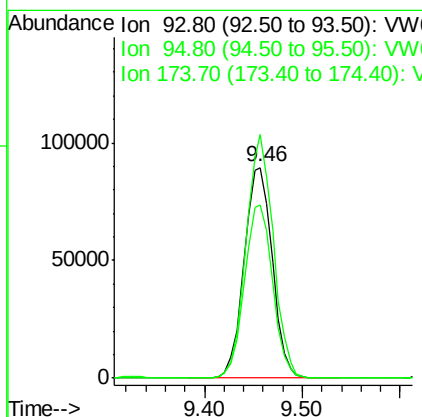
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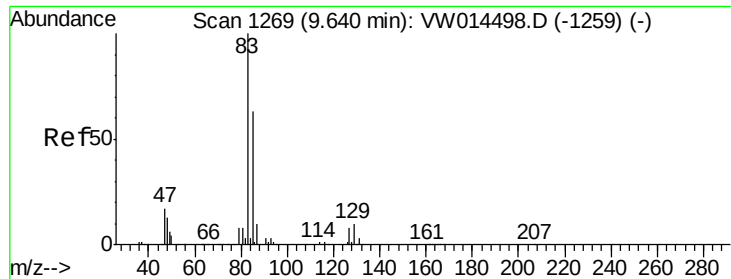
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#46
 Dibromomethane
 Concen: 49.287 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	66.4	99.6
174	111.5	89.1	133.7





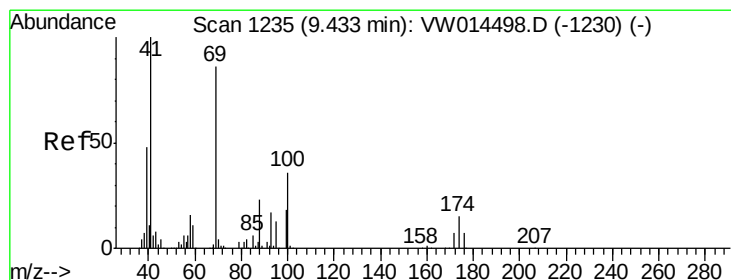
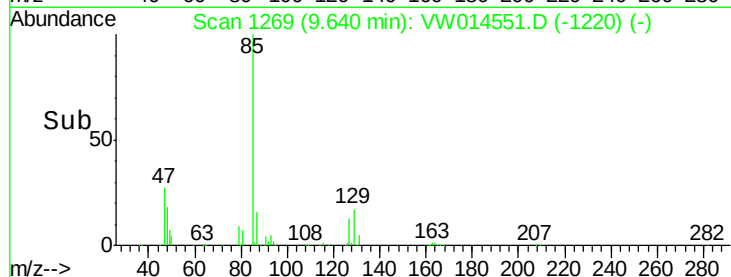
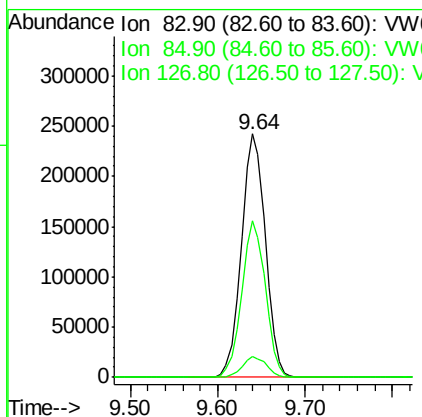
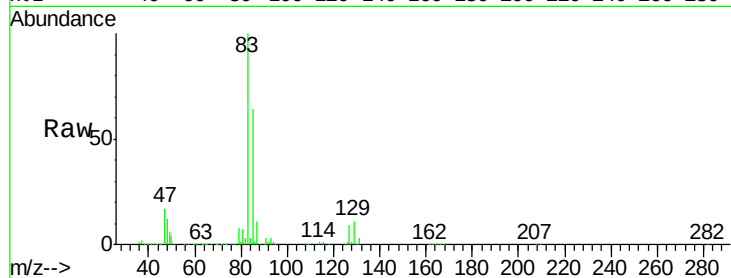
#47
 Bromodichloromethane
 Concen: 51.192 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.6	76.0
127	8.6	6.6	9.8

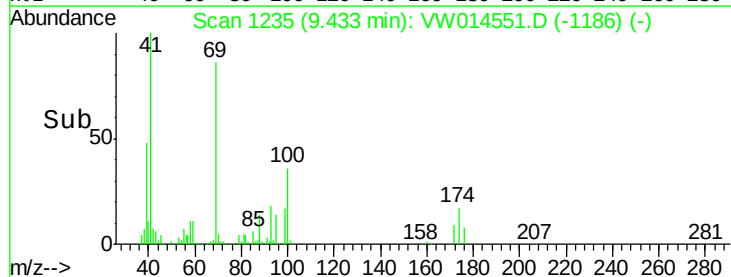
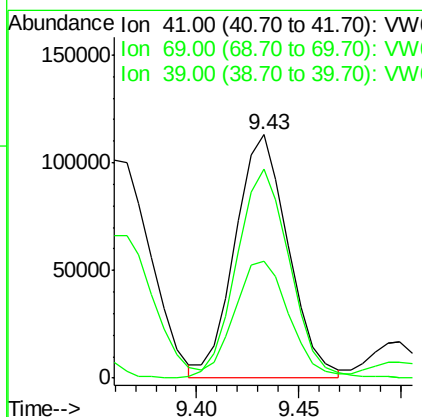
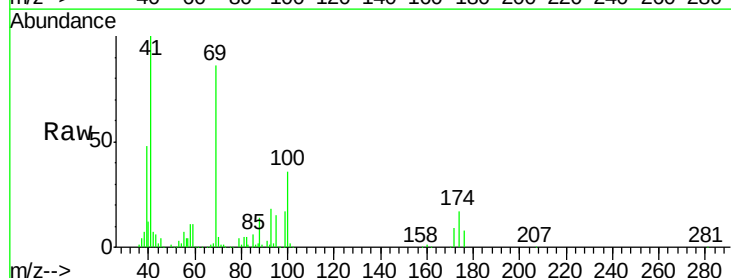
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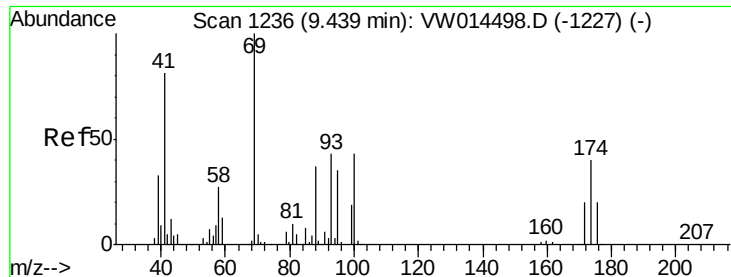
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#48
 Methyl methacrylate
 Concen: 47.917 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.0	68.3	102.5
39	45.2	36.8	55.2





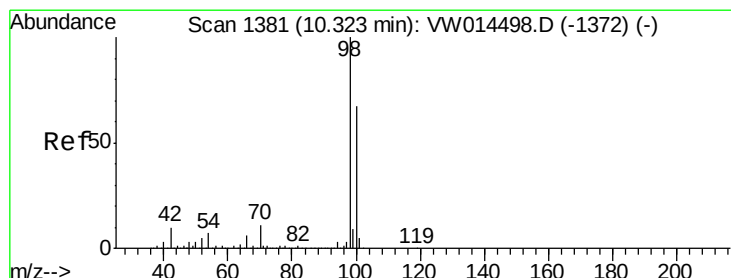
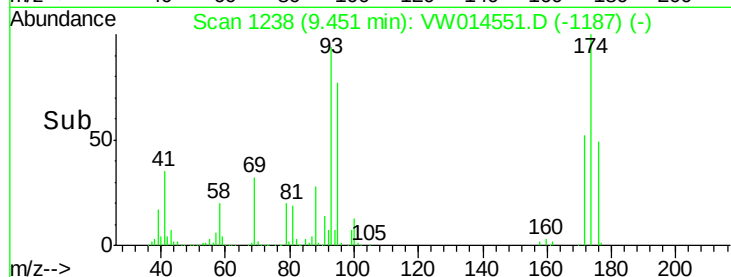
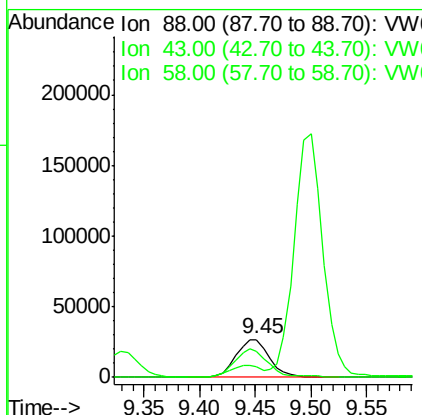
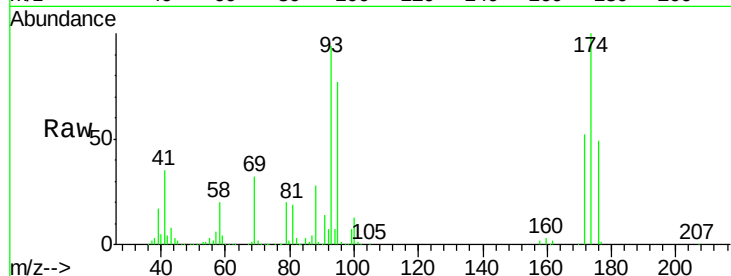
#49
1,4-Dioxane
Concen: 821.740 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.1	24.9	37.3
58	76.2	56.9	85.3

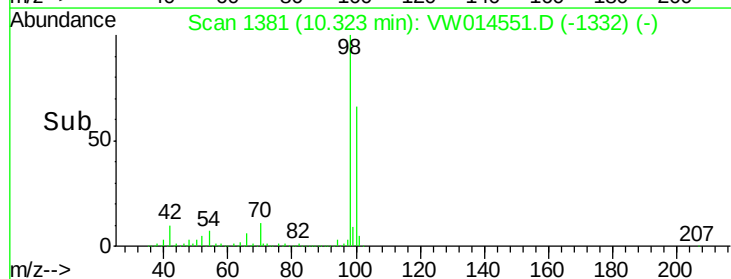
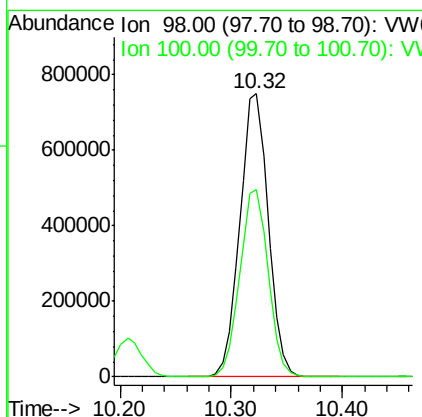
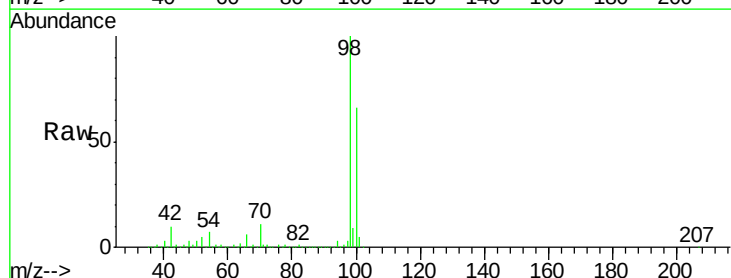
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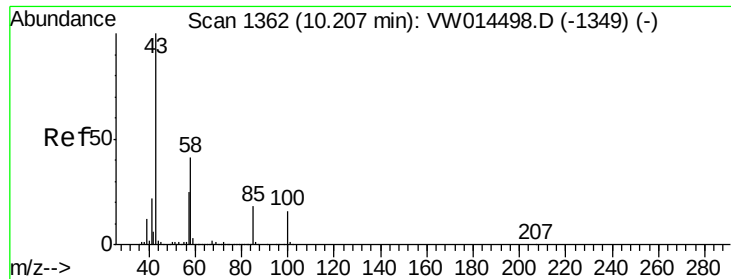
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#50
Toluene-d8
Concen: 50.699 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.8	80.6





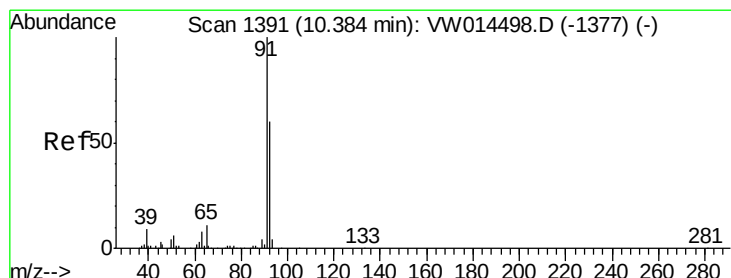
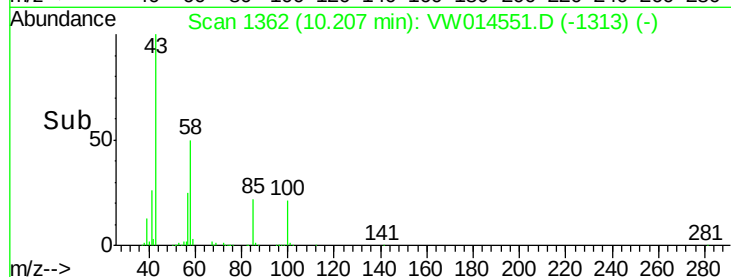
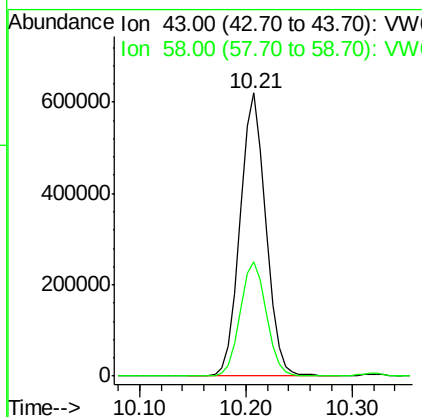
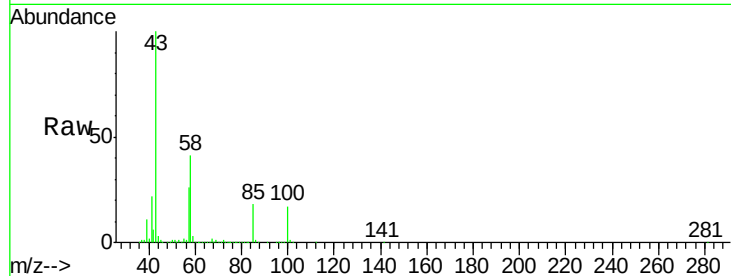
#51
 4-Methyl-2-Pentanone
 Concen: 232.875 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 1054926
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.7 49.1

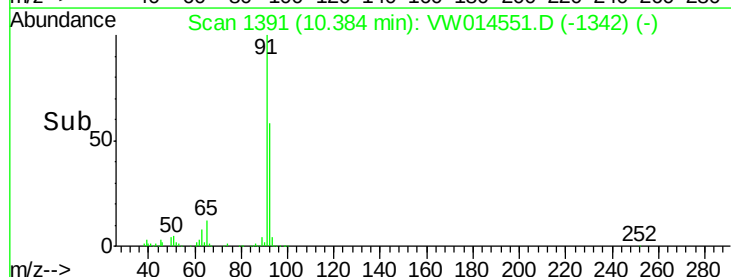
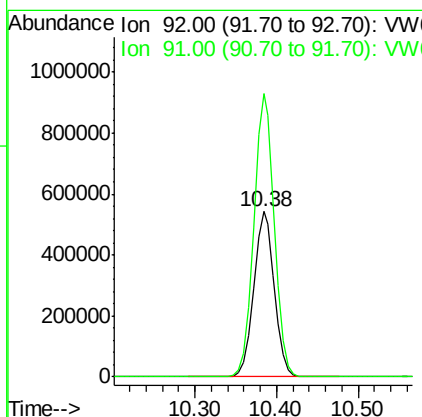
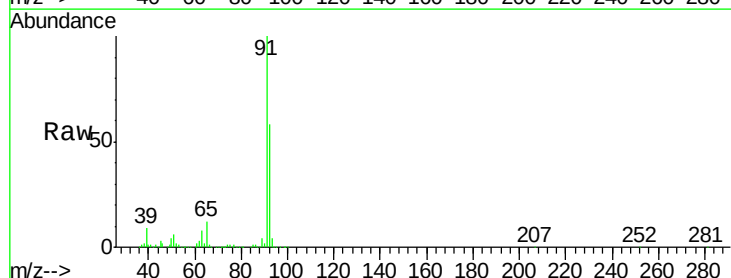
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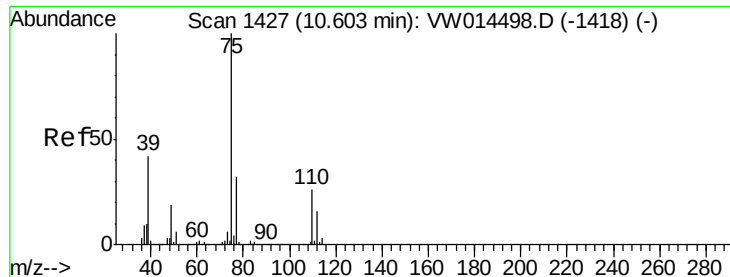
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#52
 Toluene
 Concen: 50.672 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion: 92 Resp: 955355
 Ion Ratio Lower Upper
 92 100
 91 170.8 134.1 201.1





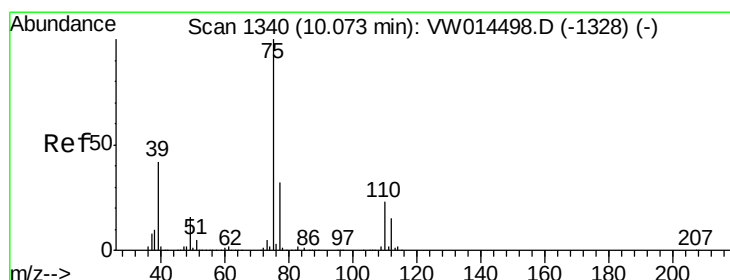
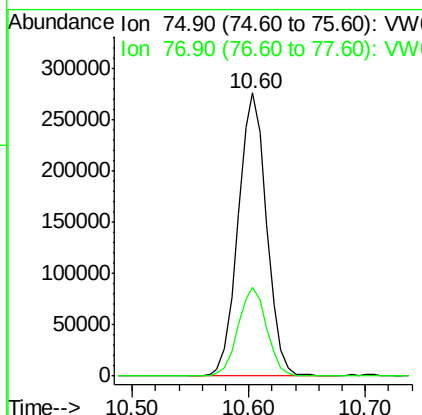
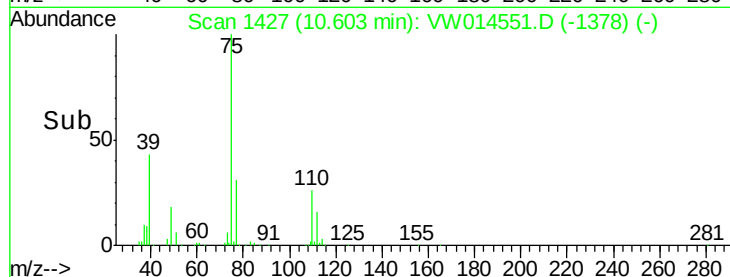
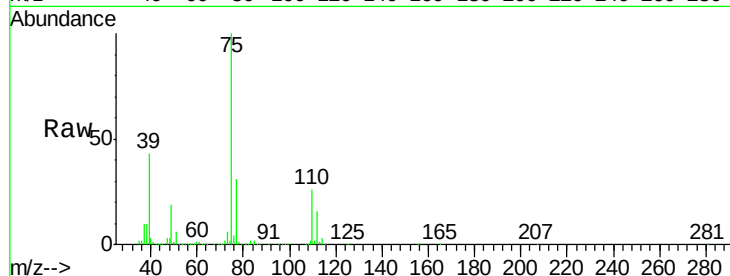
#53
 t-1,3-Dichloropropene
 Concen: 50.614 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 75 Resp: 469713
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2

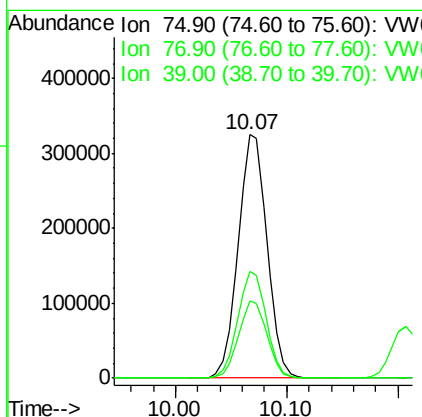
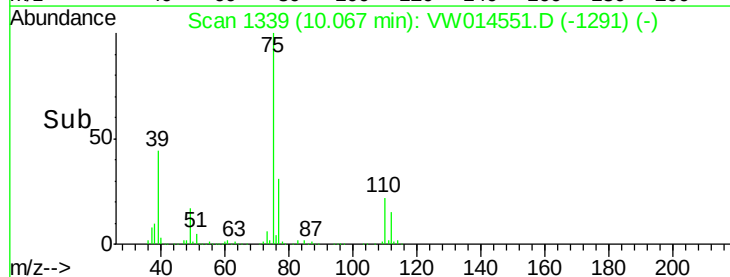
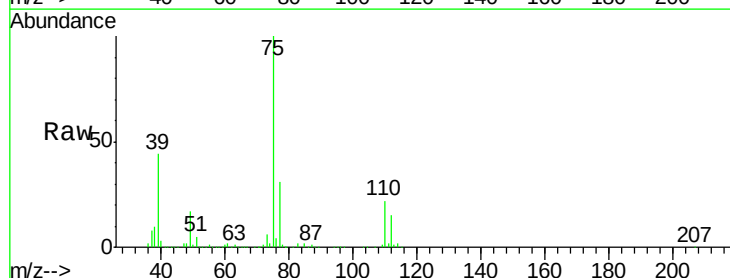
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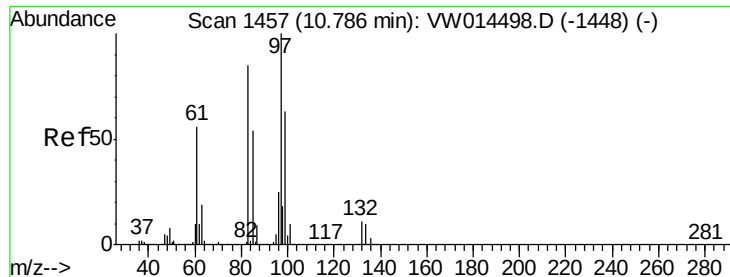
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#54
 cis-1,3-Dichloropropene
 Concen: 51.336 ug/l
 RT: 10.07 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion: 75 Resp: 582261
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 43.9 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 49.139 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

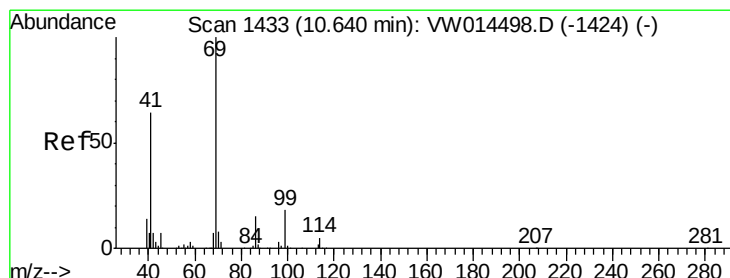
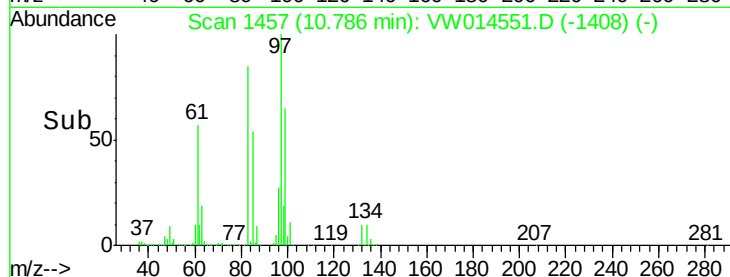
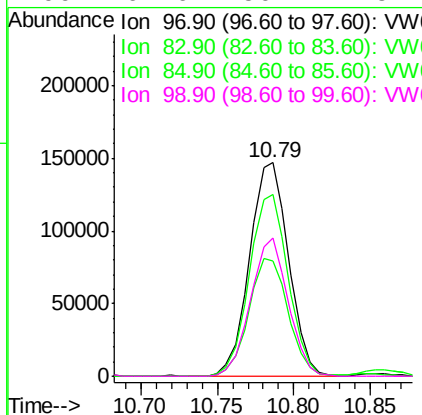
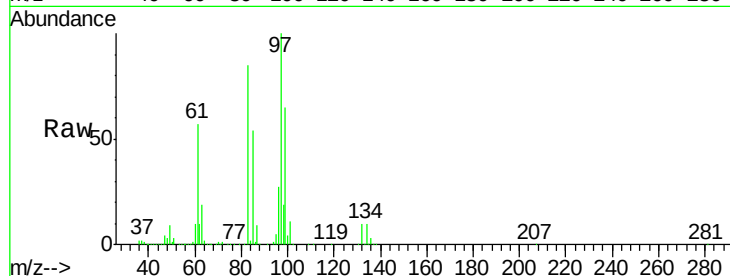
ClientSampled :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.2	102.4
85	53.8	43.0	64.4
99	64.6	50.1	75.1

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#56

Ethyl methacrylate

Concen: 49.550 ug/l

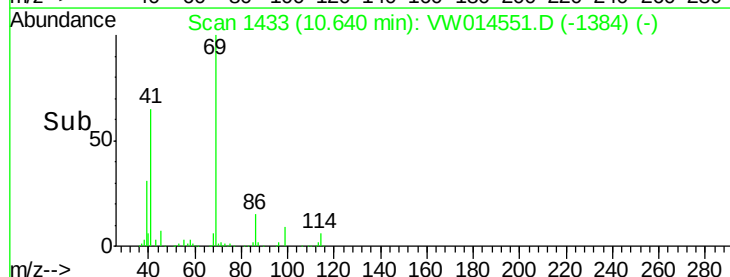
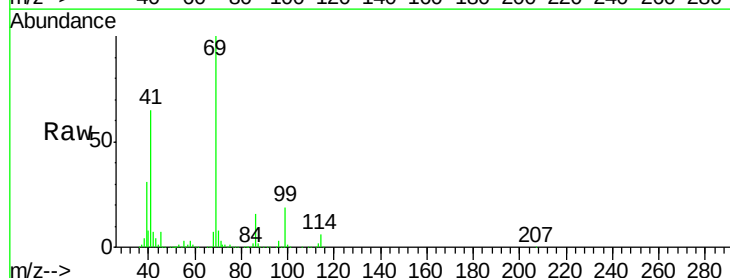
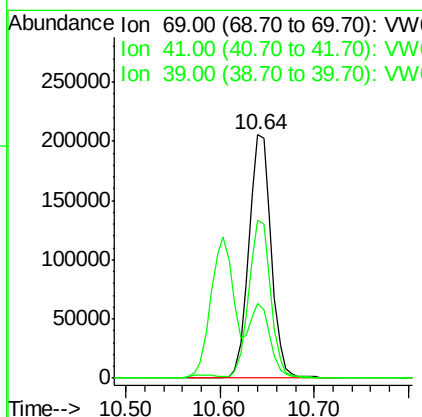
RT: 10.64 min Scan# 1433

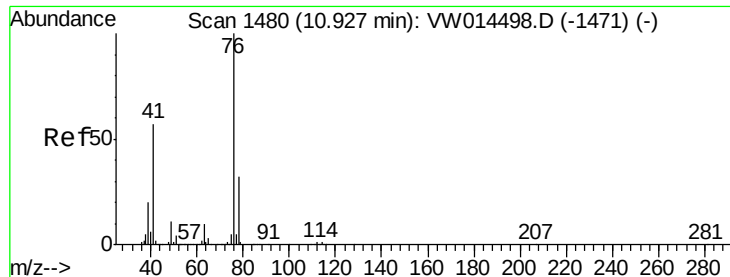
Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.3	76.9
39	26.3	21.0	31.6





#57

1,3-Dichloropropane

Concen: 49.221 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 76 Resp: 458681

Ion Ratio Lower Upper

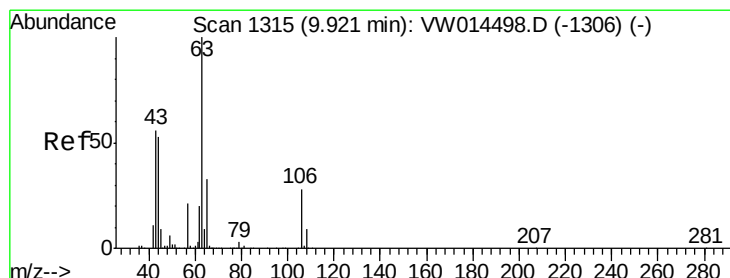
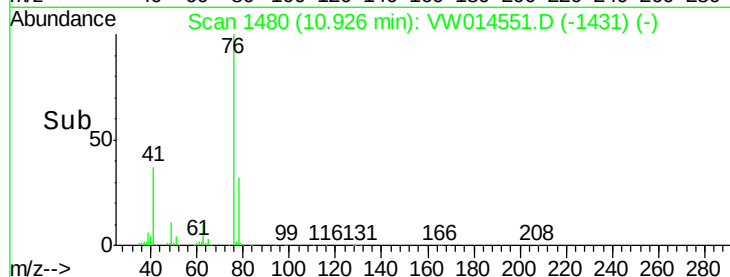
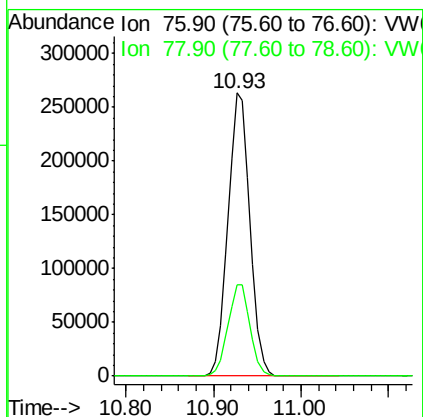
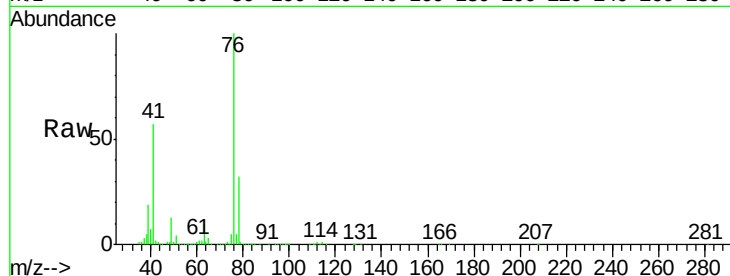
76 100

78 32.5 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 271.491 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014551.D

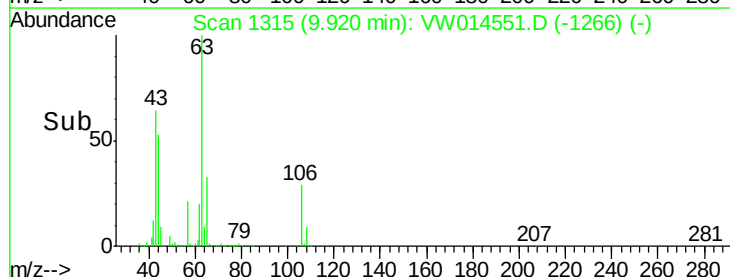
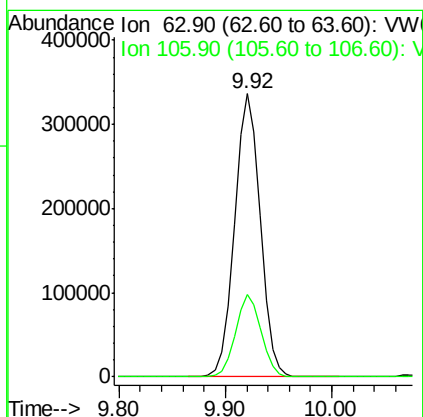
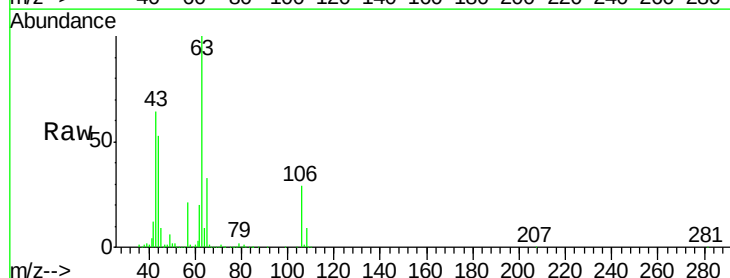
Acq: 08 Jan 2020 09:54

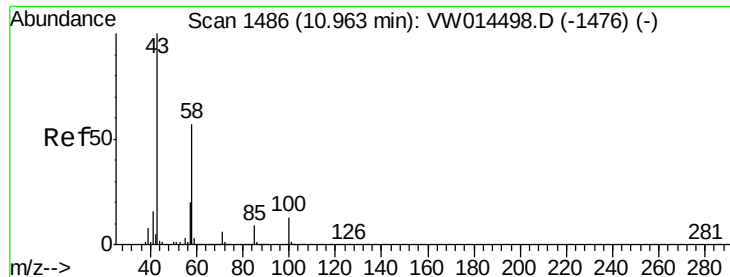
Tgt Ion: 63 Resp: 568965

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6





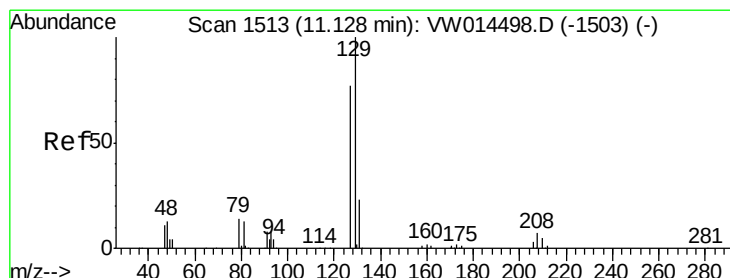
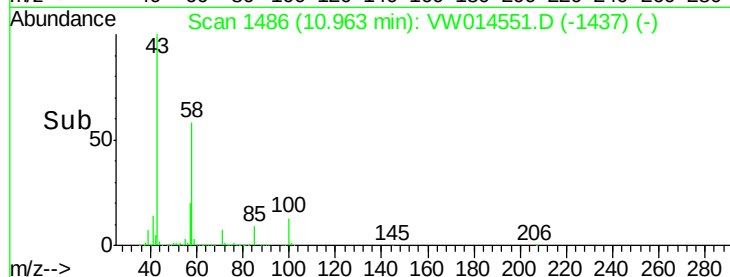
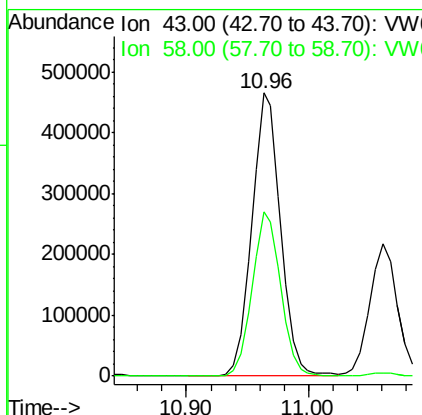
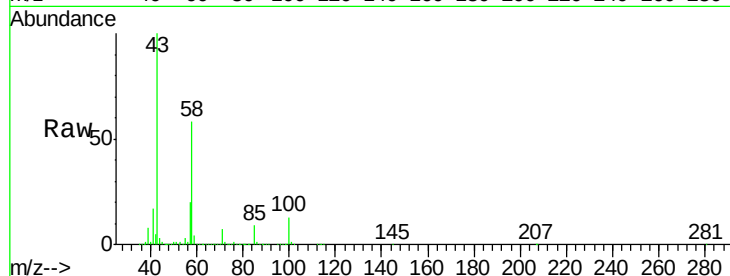
#59
2-Hexanone
Concen: 243.462 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 759986
Ion Ratio Lower Upper
43 100
58 57.7 28.7 86.3

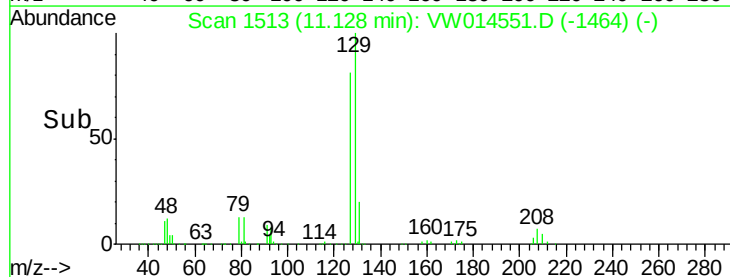
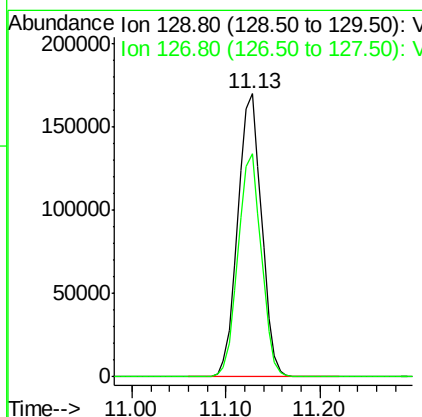
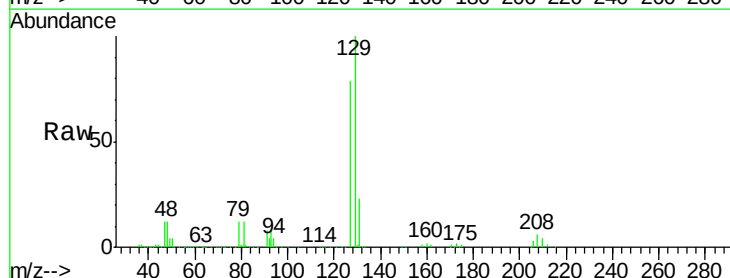
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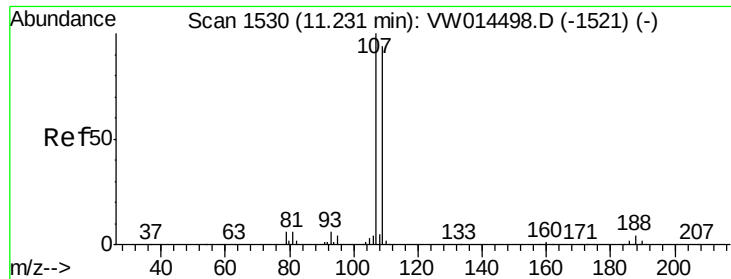
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#60
Dibromochloromethane
Concen: 50.020 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion: 129 Resp: 299244
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5





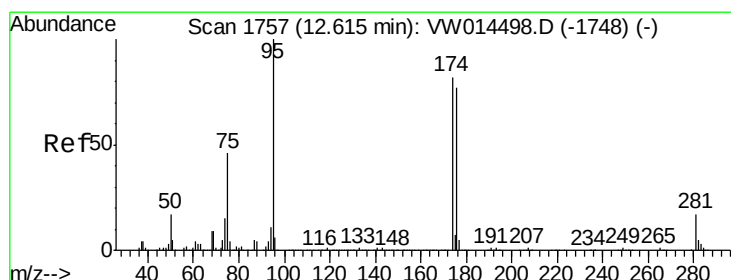
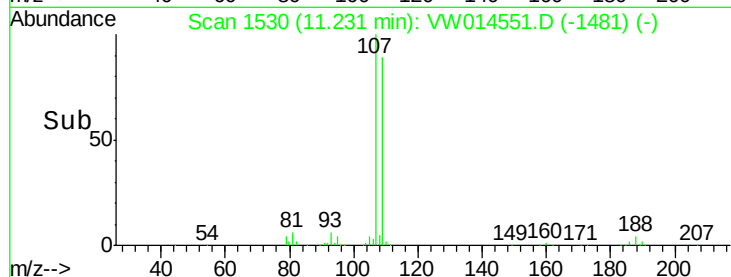
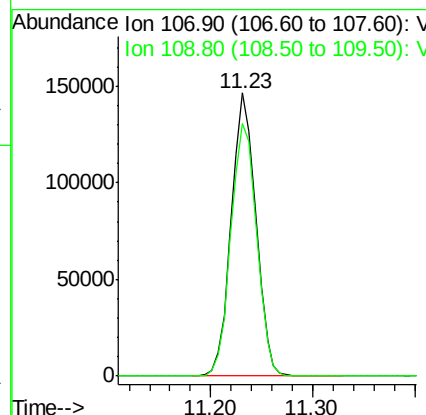
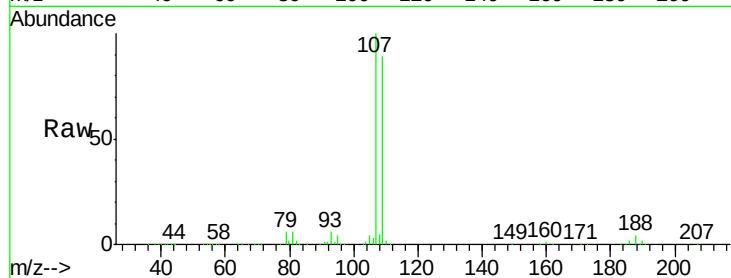
#61
 1,2-Dibromoethane
 Concen: 48.606 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.1	112.7

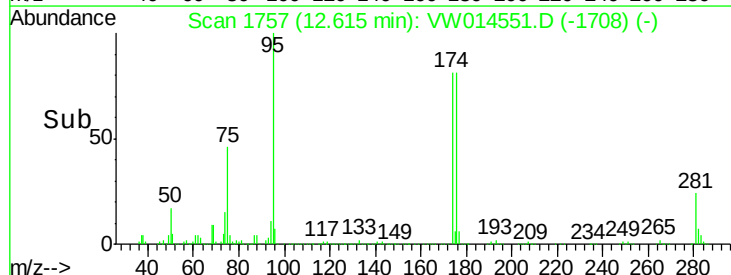
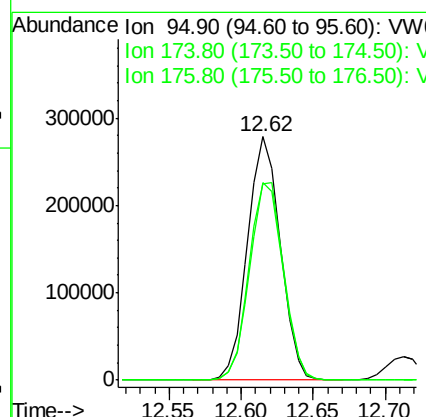
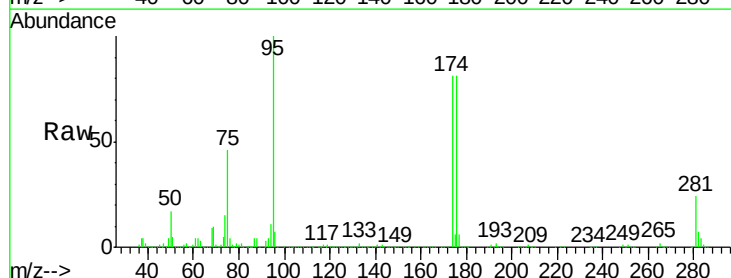
Manual Integrations
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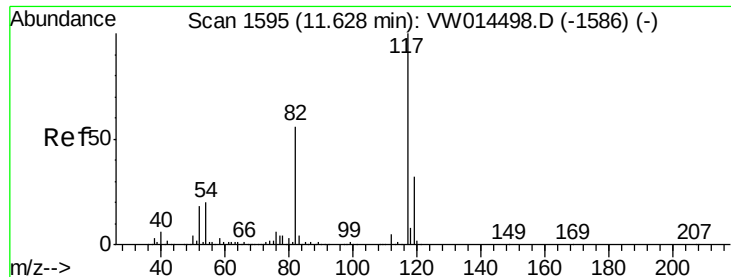
apatel
 1/9/2020 9:28:55 AM



#62
 4-Bromofluorobenzene
 Concen: 49.450 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	168.6
176	82.6	0.0	162.0





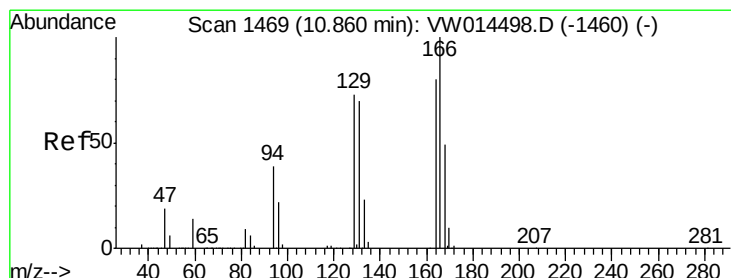
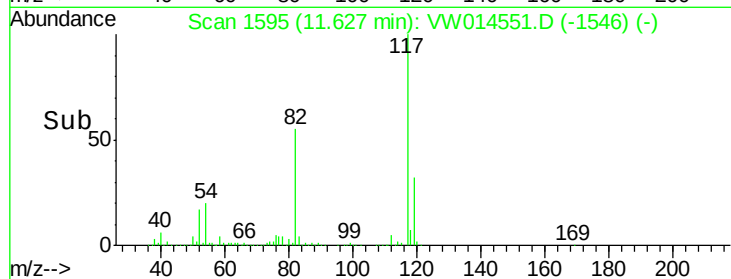
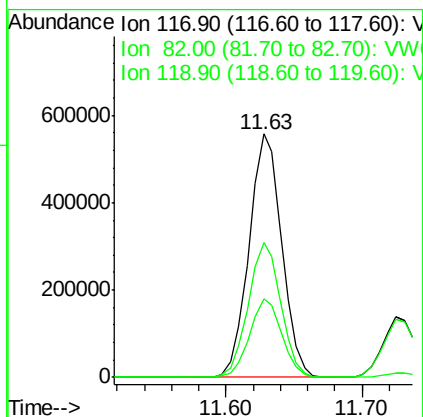
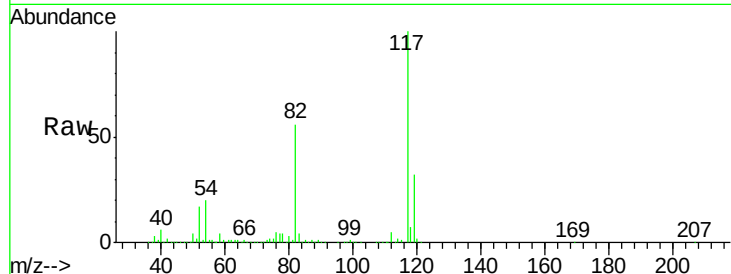
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	939179		
82	55.5	44.6	67.0	
119	32.3	25.7	38.5	

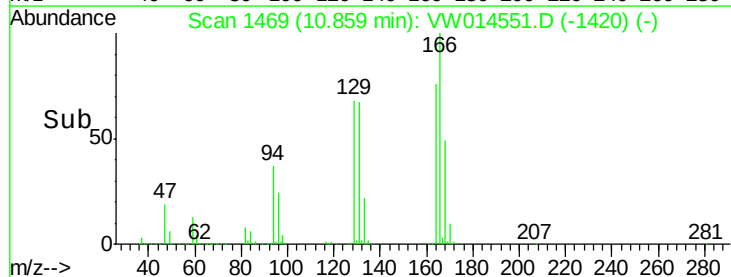
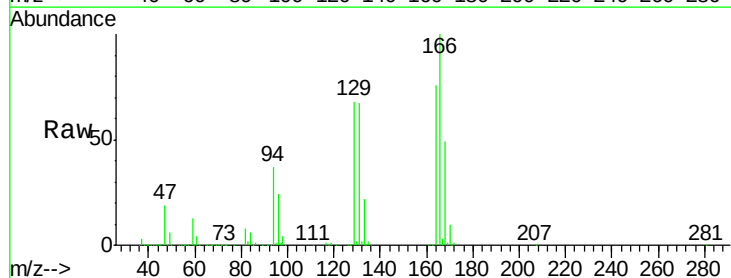
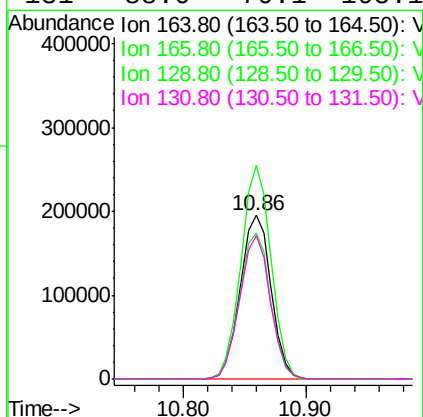
Manual Integrations
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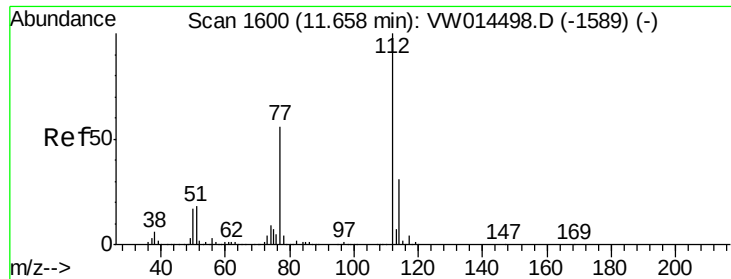
apatel
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#64
Tetrachloroethene
Concen: 50.363 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	342436		
166	130.8	99.8	149.6	
129	89.5	72.4	108.6	
131	88.0	70.1	105.1	





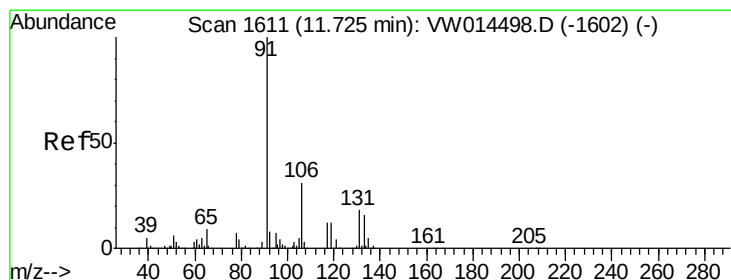
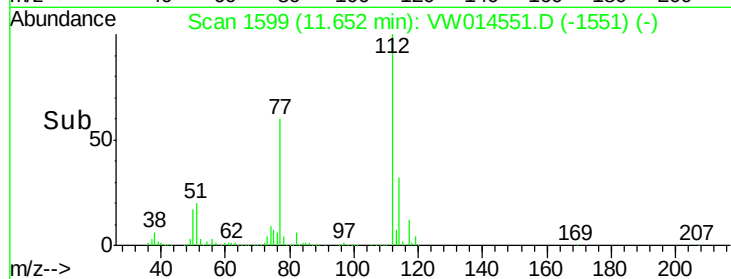
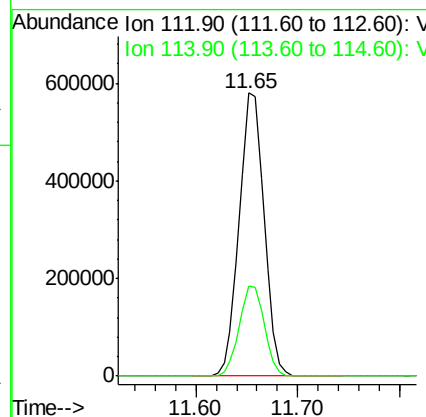
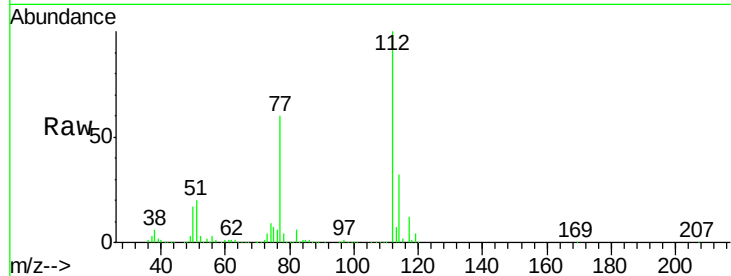
#65
Chlorobenzene
Concen: 50.882 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	24.6	37.0

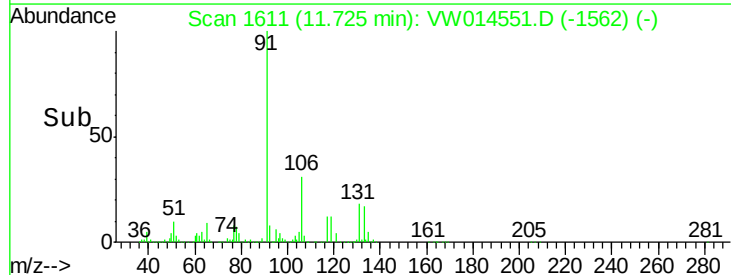
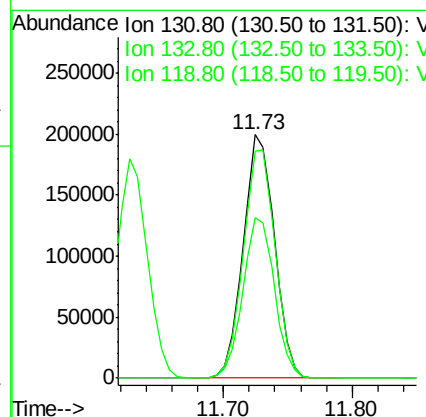
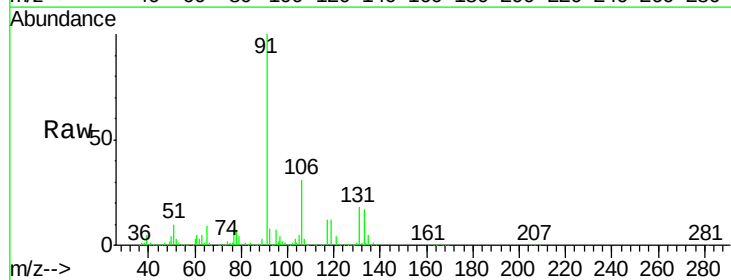
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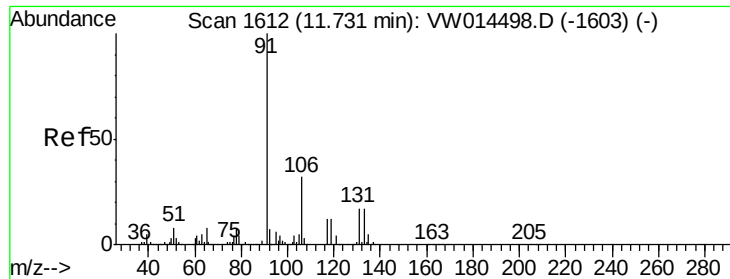
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.618 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	142.0
119	66.4	33.1	99.3





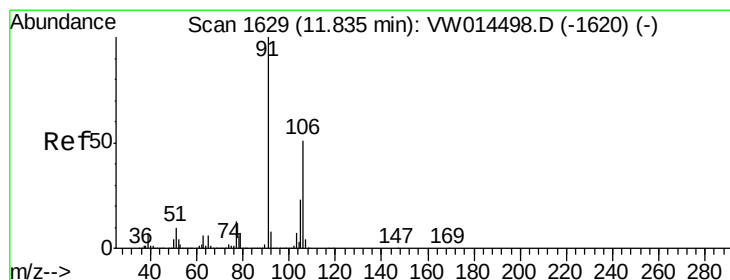
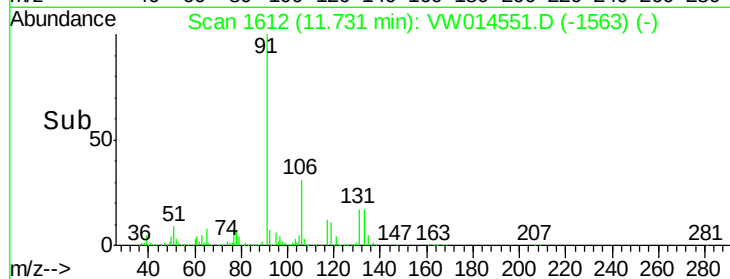
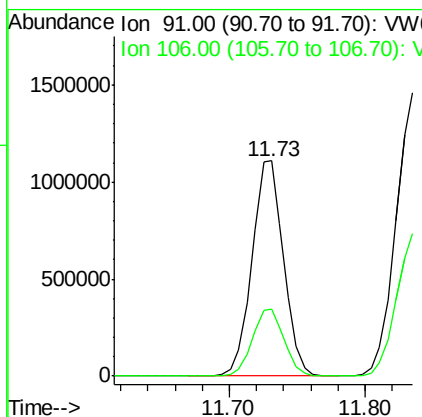
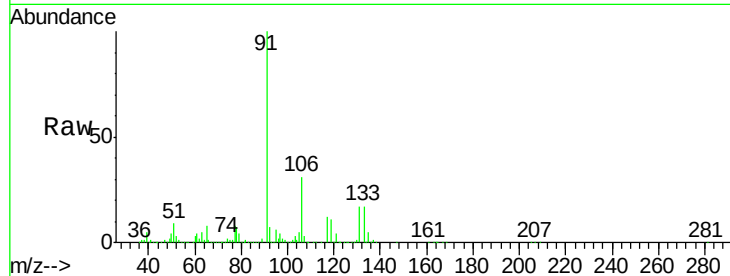
#67
Ethyl Benzene
 Concen: 51.995 ug/l
 RT: 11.73 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 1802926
 Ion Ratio Lower Upper
 91 100
 106 30.9 25.5 38.3

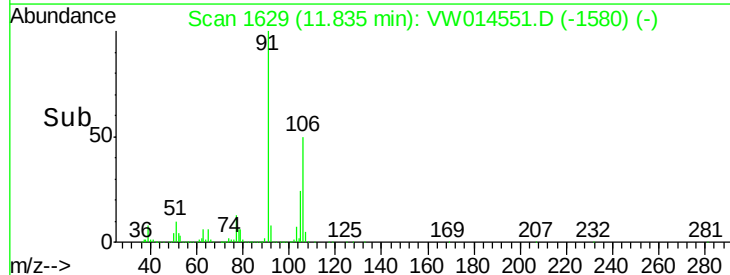
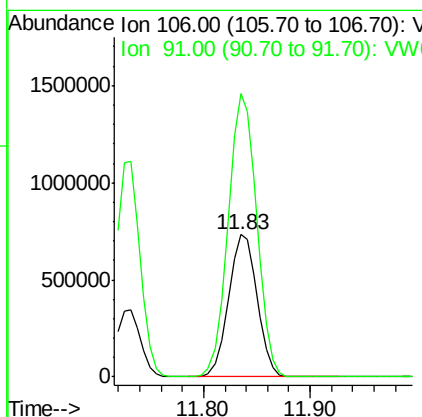
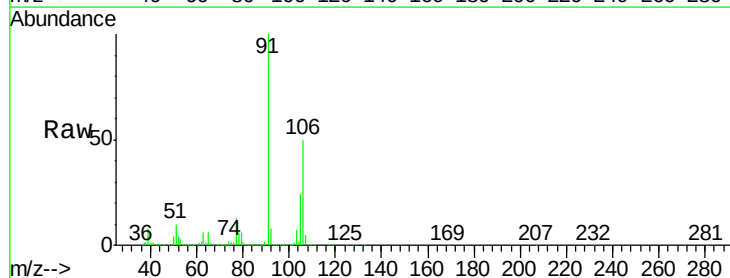
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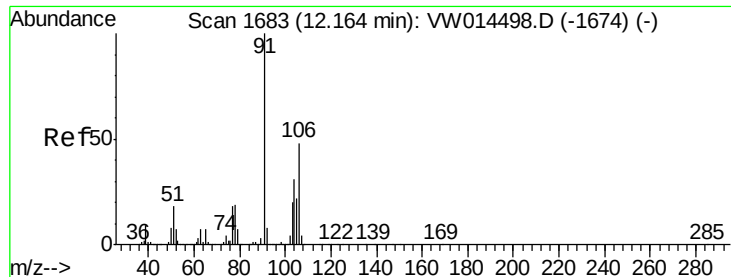
apatel
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#68
m/p-Xylenes
 Concen: 103.733 ug/l
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion: 106 Resp: 1376639
 Ion Ratio Lower Upper
 106 100
 91 198.4 159.0 238.6





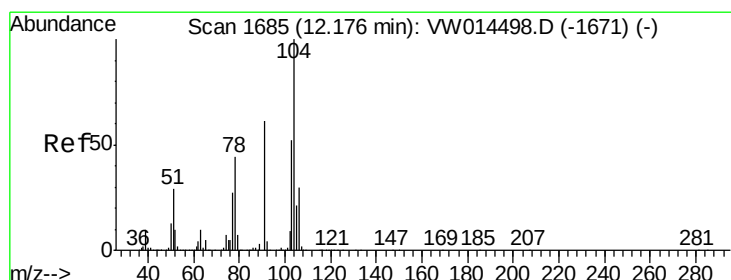
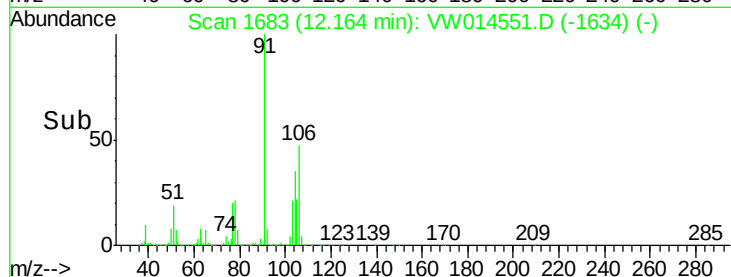
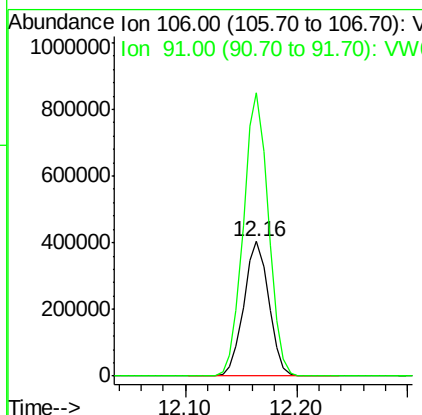
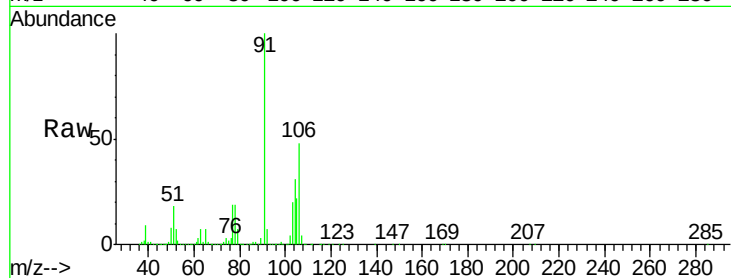
#69
o-Xylene
Concen: 51.602 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 632570
Ion Ratio Lower Upper
106 100
91 209.5 105.2 315.6

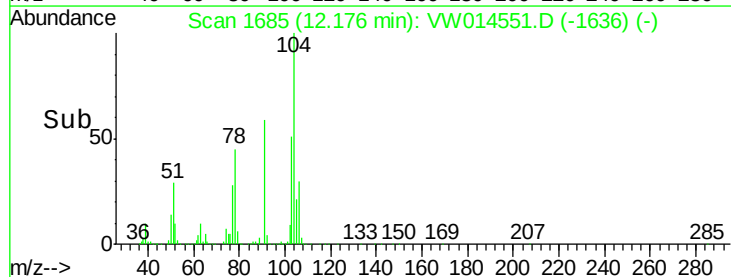
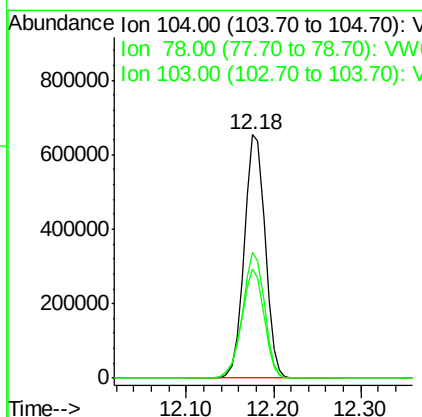
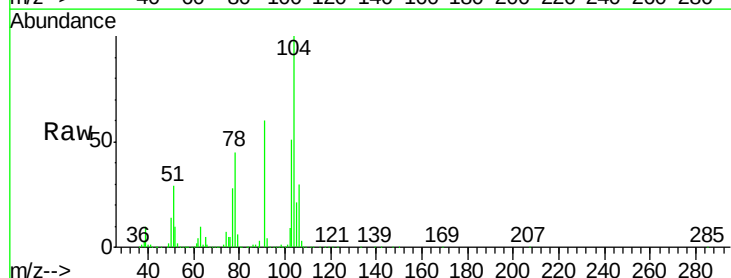
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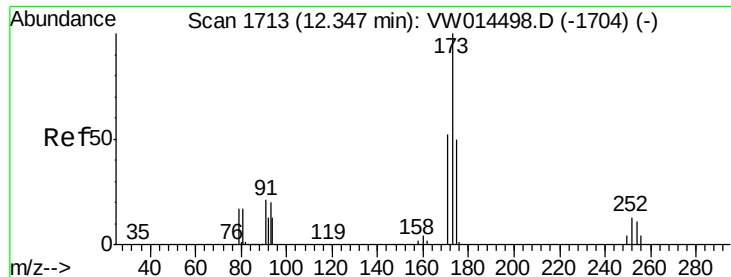
apatel
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#70
Styrene
Concen: 52.137 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion:104 Resp: 1081034
Ion Ratio Lower Upper
104 100
78 48.0 38.4 57.6
103 54.3 43.7 65.5





#71

Bromoform

Concen: 48.810 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion:173 Resp: 172477

Ion Ratio Lower Upper

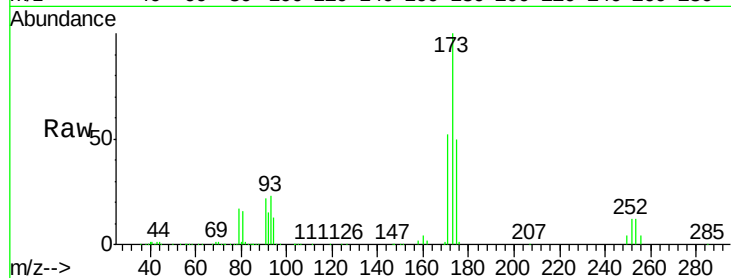
173 100

175 48.1 24.5 73.5

254 0.1 0.0 0.0#

Manual Integrations
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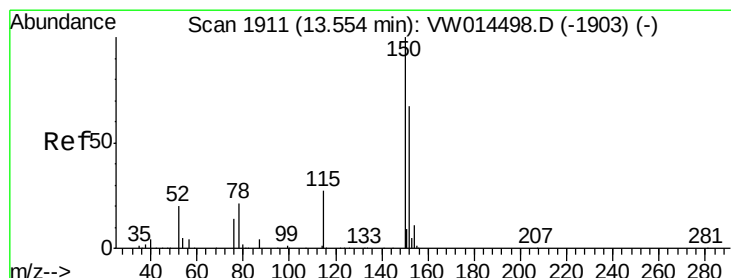
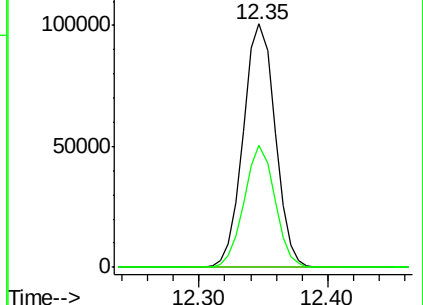
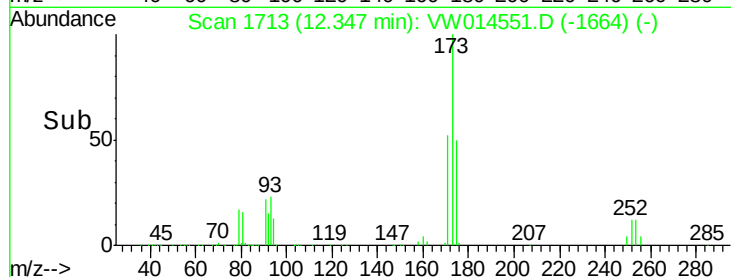
apatel
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

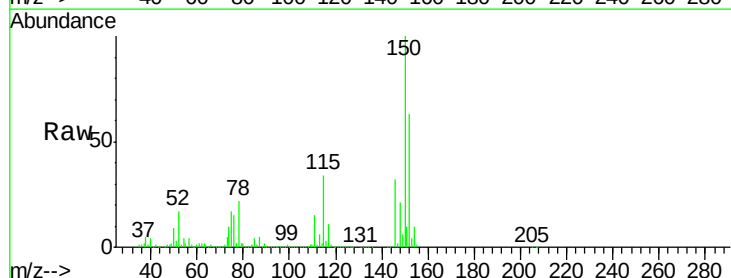
Tgt Ion:152 Resp: 449807

Ion Ratio Lower Upper

152 100

115 56.2 27.7 83.1

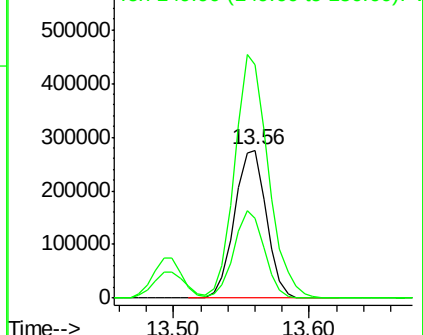
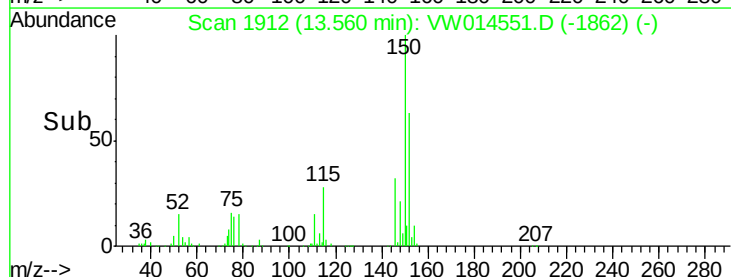
150 173.5 0.0 343.4

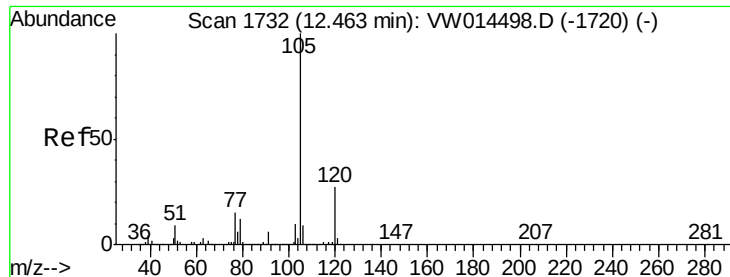


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.834 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1743781

Ion Ratio Lower Upper

105 100

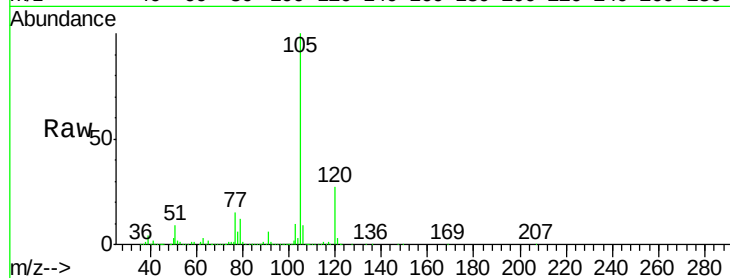
120 26.7 13.4 40.1

Manual Integrations

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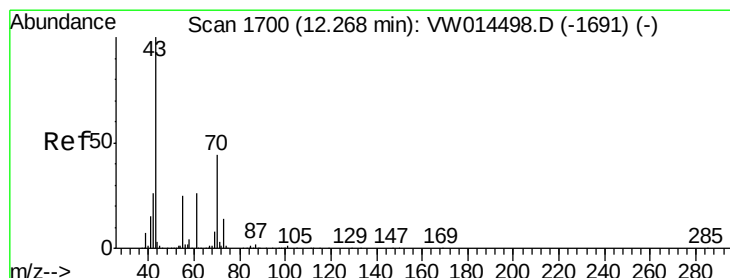
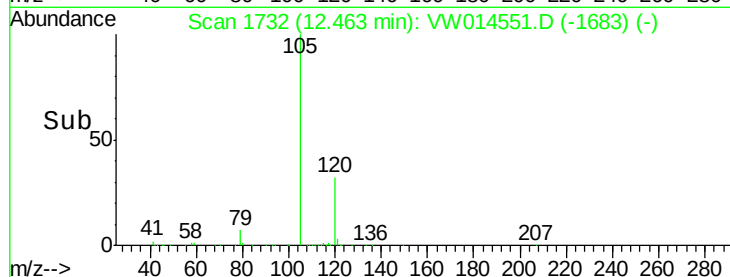
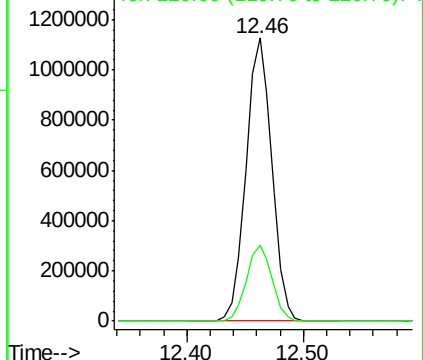
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.859 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion: 43 Resp: 354172

Ion Ratio Lower Upper

43 100

70 46.5 36.5 54.7

55 26.5 20.9 31.3

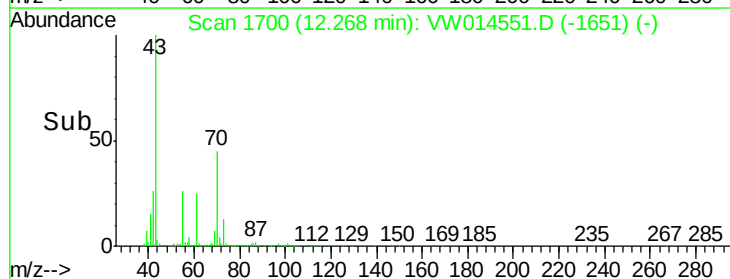
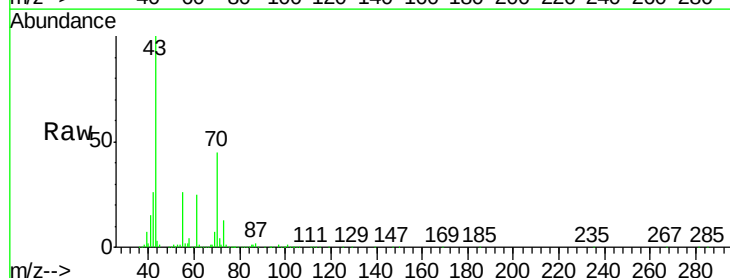
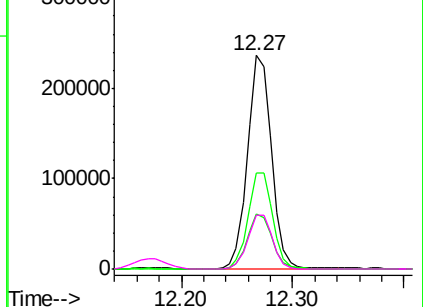
61 26.0 20.7 31.1

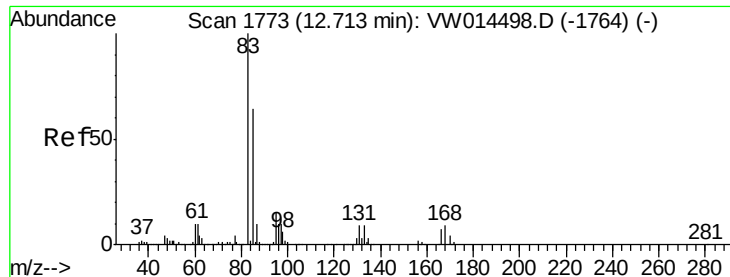
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 47.874 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

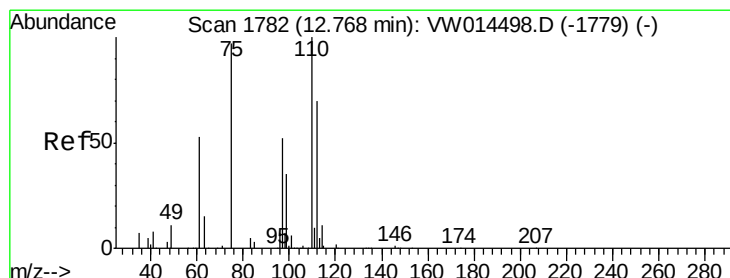
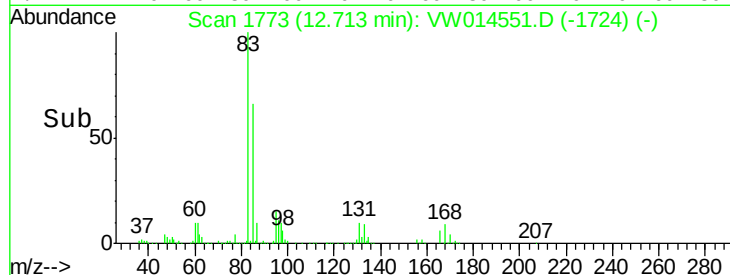
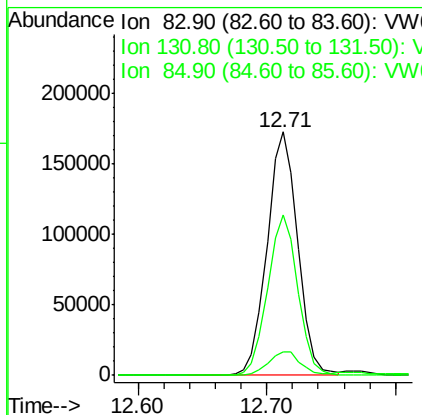
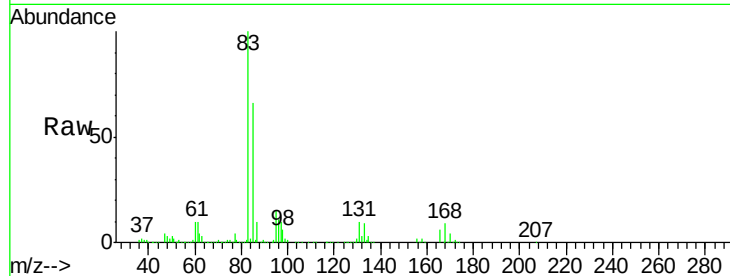
ClientSampled :

VSTDCCC050

Tgt Ion:	83	Resp:	285193
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	65.0	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 51.119 ug/l m

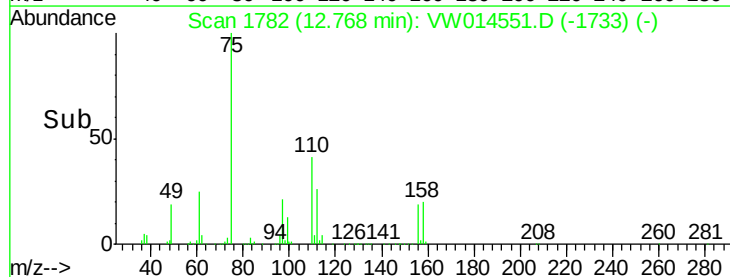
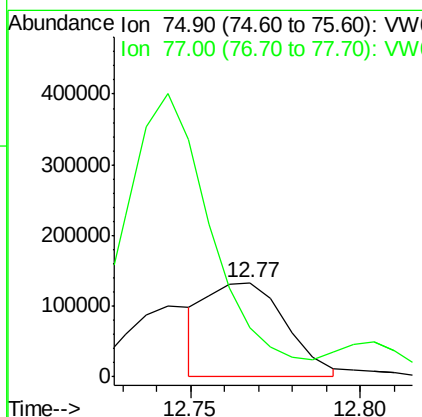
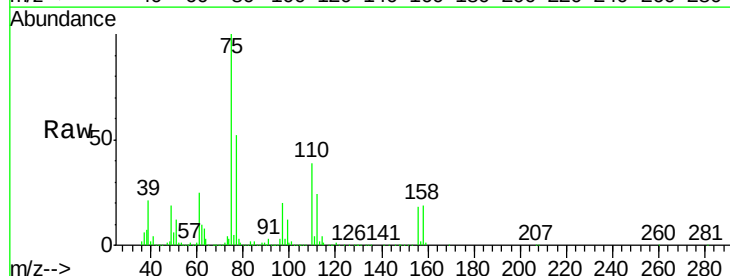
RT: 12.77 min Scan# 1782

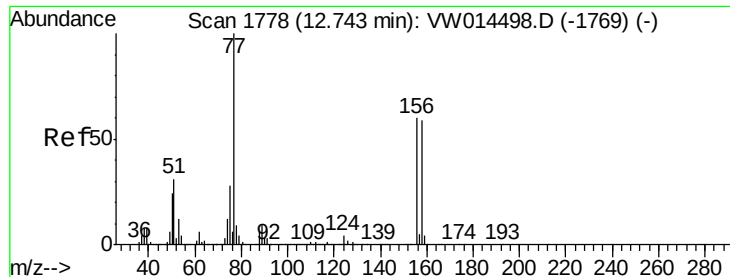
Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion:	75	Resp:	217401
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.203 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

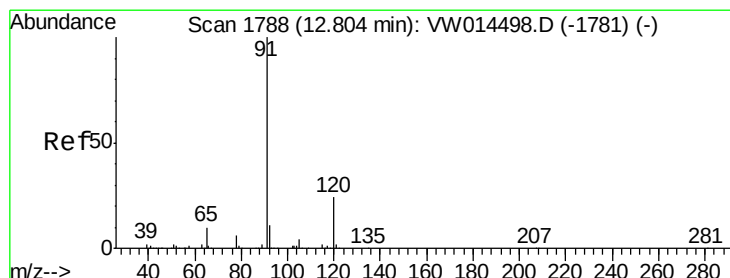
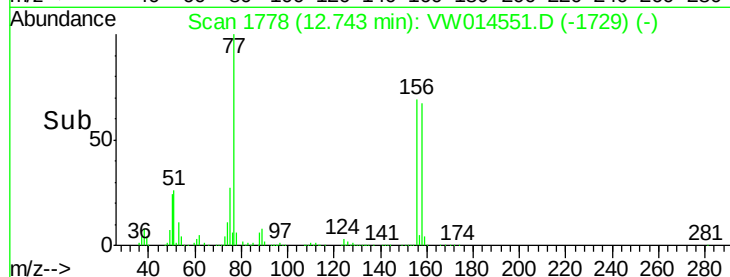
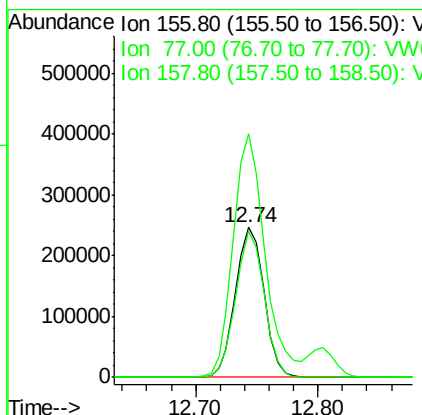
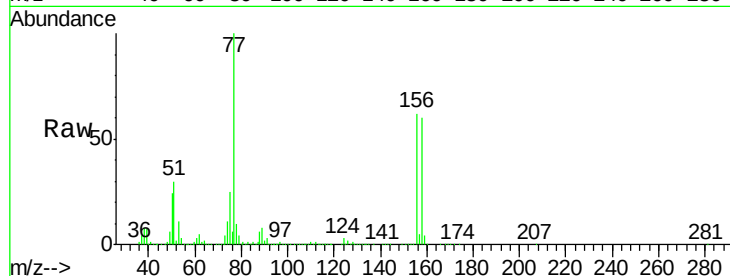
ClientSampled :

VSTDCCC050

Tgt Ion:	156	Resp:	400168
Ion Ratio	Lower	Upper	
156	100		
77	180.4	92.3	277.1
158	96.9	48.6	145.9

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#78

n-propylbenzene

Concen: 53.114 ug/l

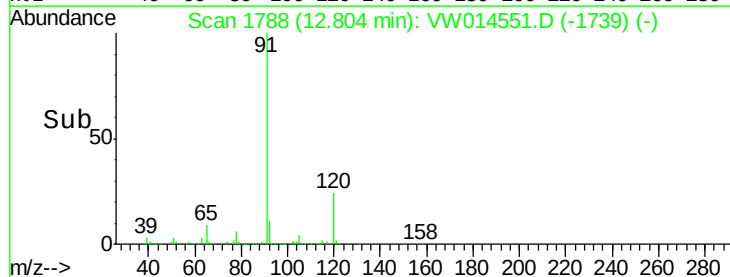
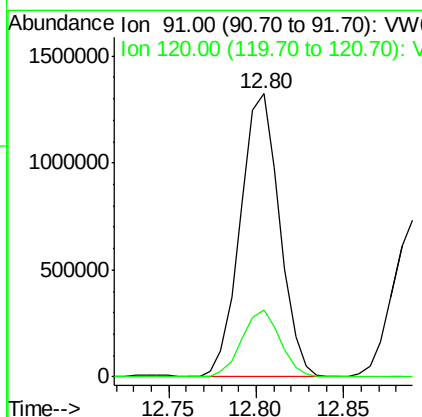
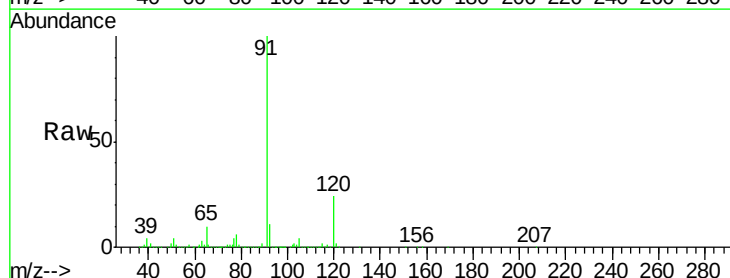
RT: 12.80 min Scan# 1788

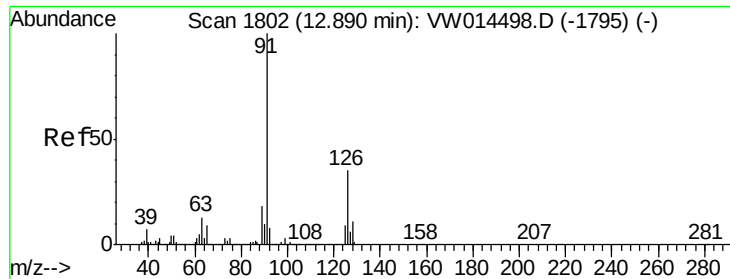
Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion:	91	Resp:	2061353
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1





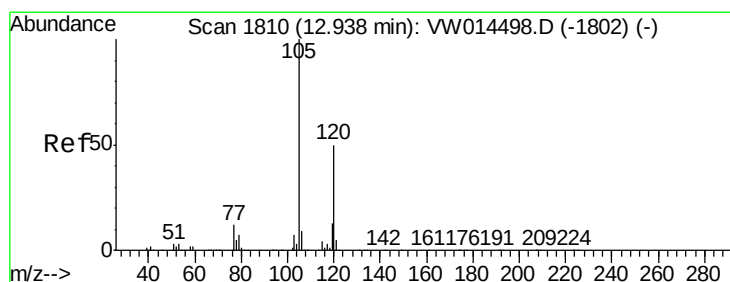
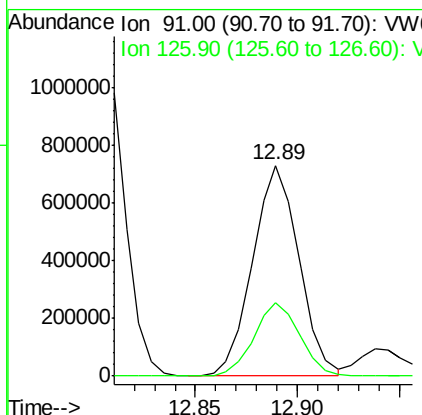
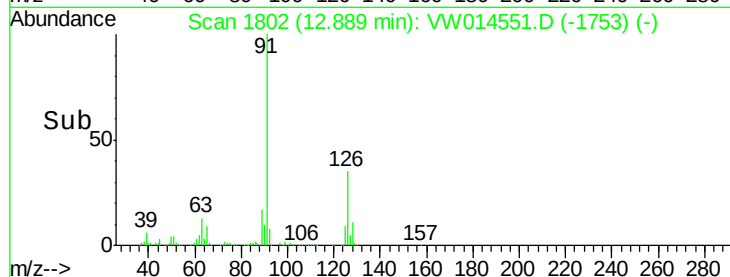
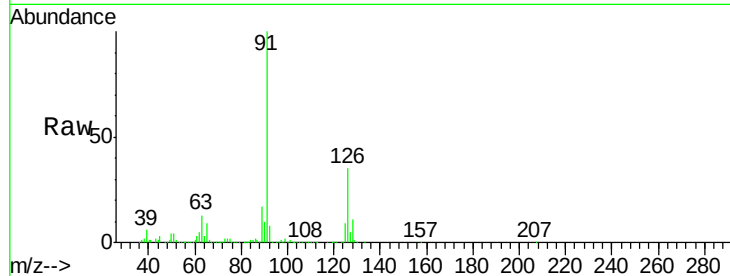
#79
 2-Chlorotoluene
 Concen: 52.134 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 91 Resp: 1151414
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.1 51.2

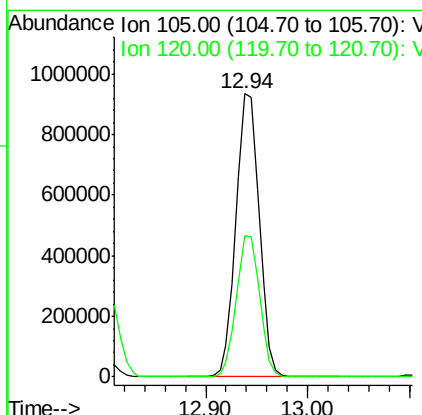
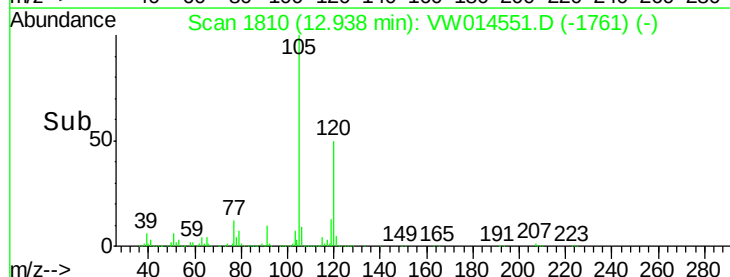
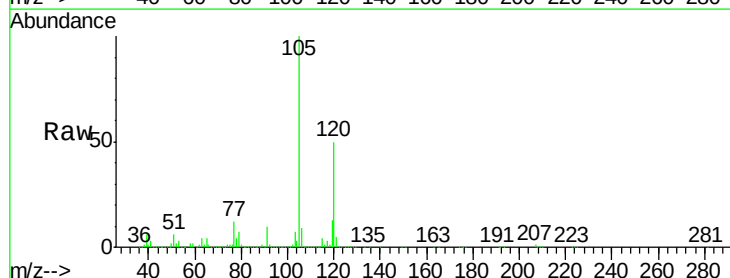
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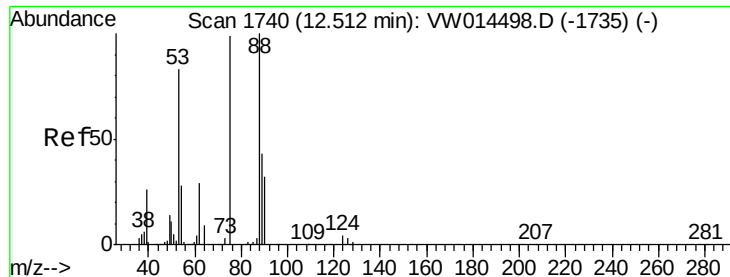
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.798 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion: 105 Resp: 1463121
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.2 75.6





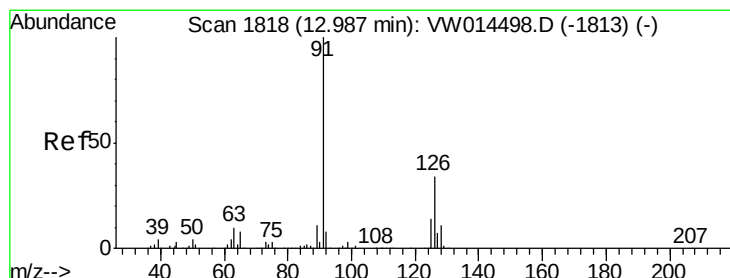
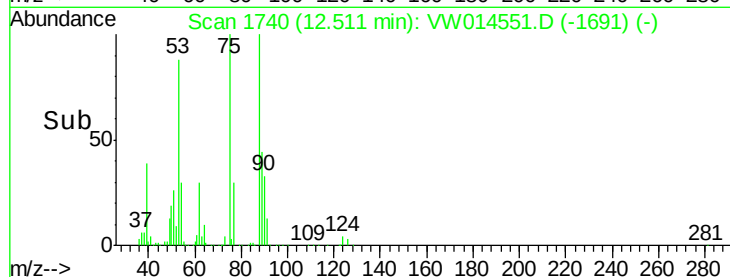
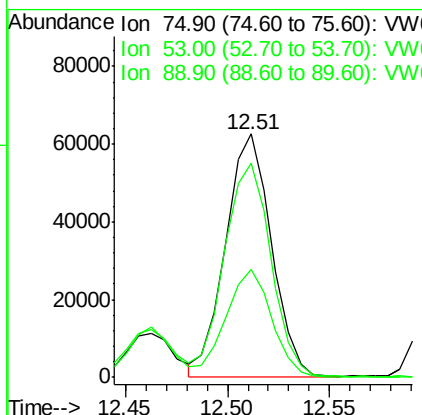
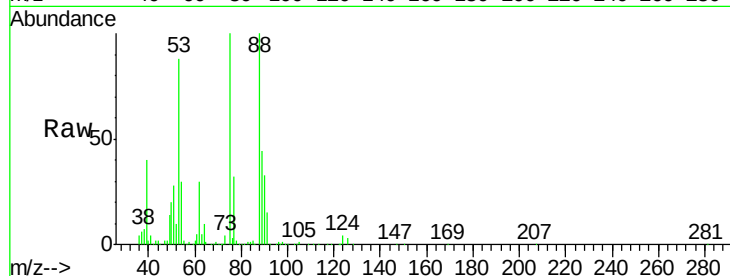
#81
trans-1,4-Dichloro-2-butene
Concen: 50.625 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.2	70.9	106.3
89	44.6	35.8	53.8

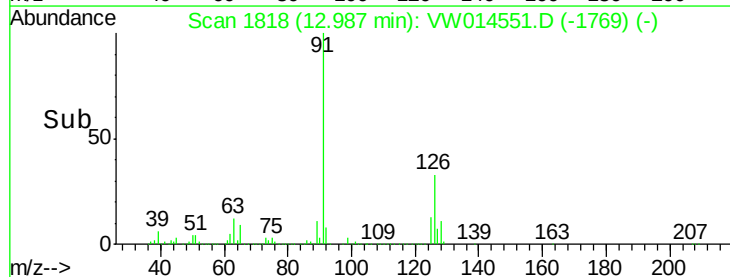
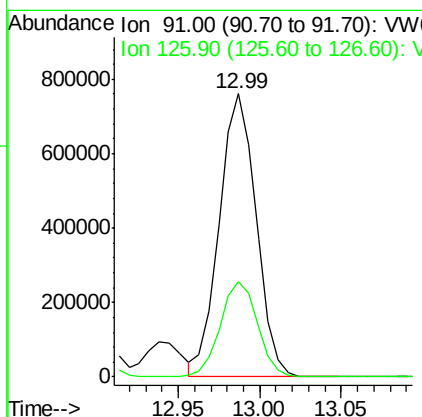
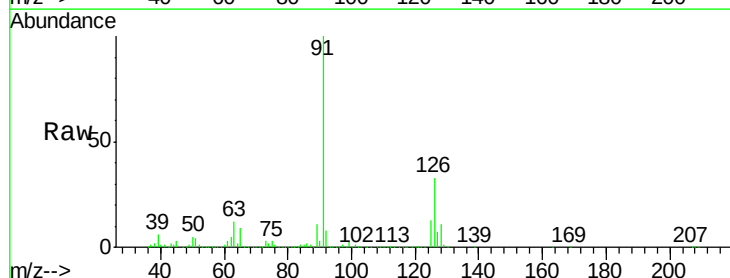
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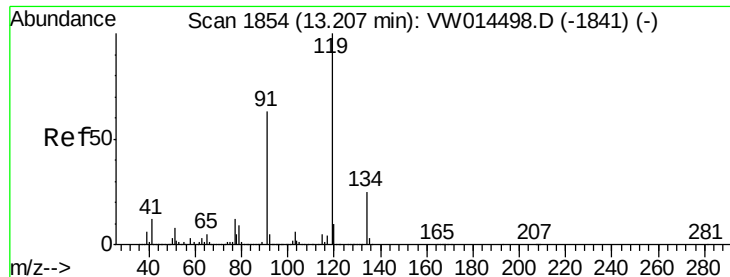
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#82
4-Chlorotoluene
Concen: 52.081 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.1	51.2





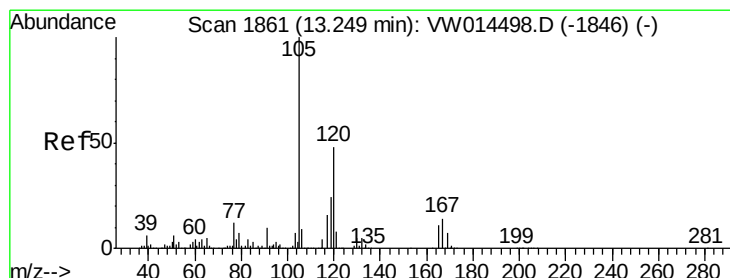
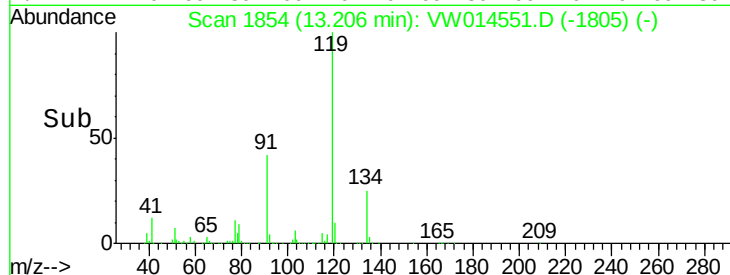
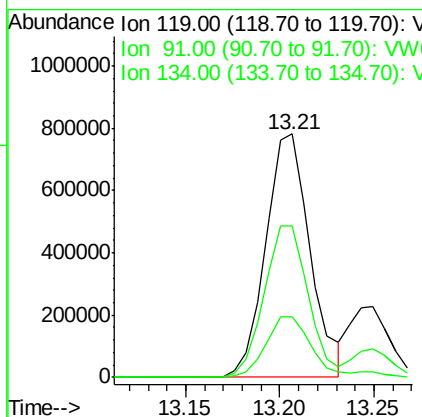
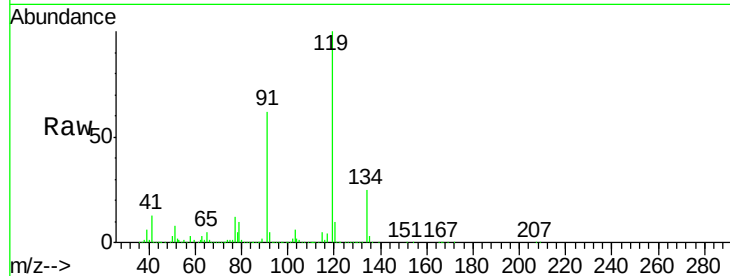
#83
 tert-Butylbenzene
 Concen: 52.582 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion:119 Resp: 1275773
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.1 93.3
 134 26.7 13.5 40.5

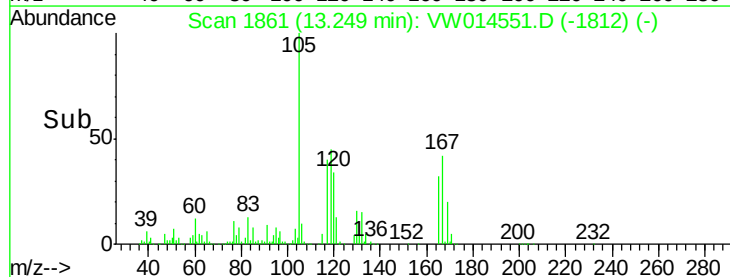
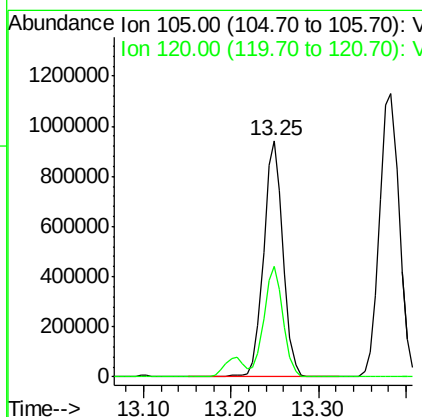
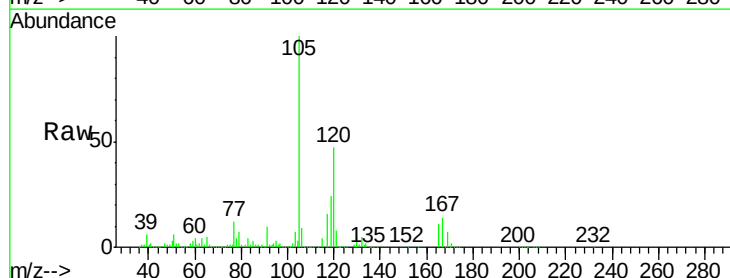
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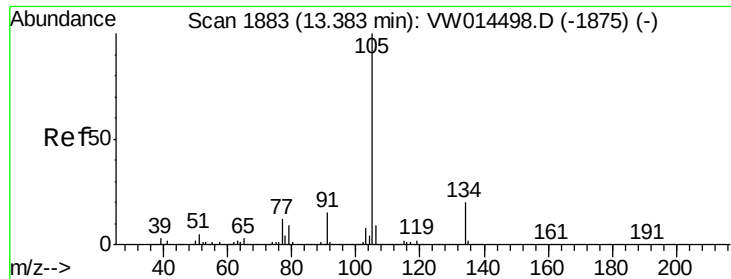
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.455 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion:105 Resp: 1446557
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.508 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1763408

Ion Ratio Lower Upper

105 100

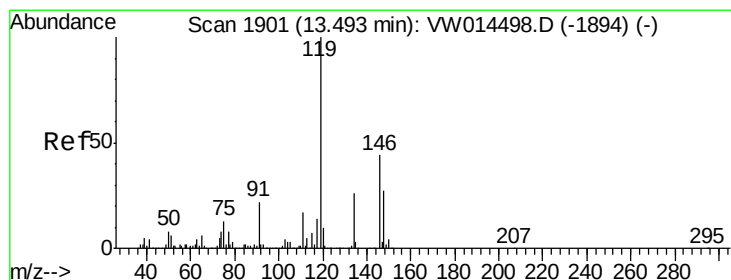
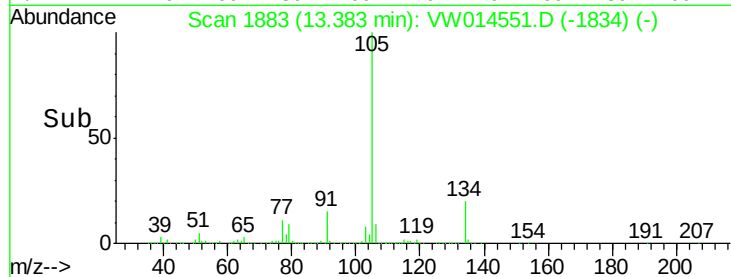
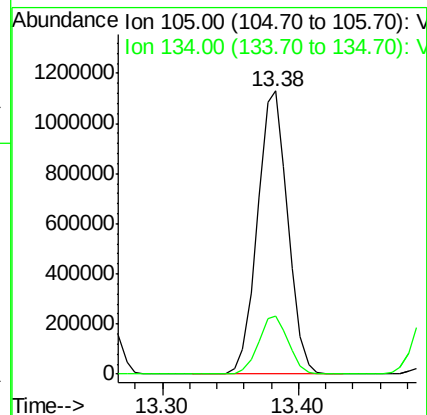
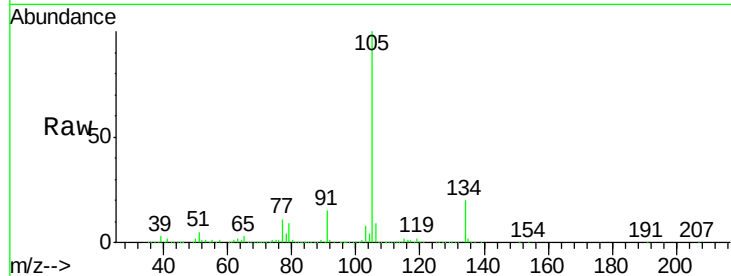
134 20.2 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 52.810 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

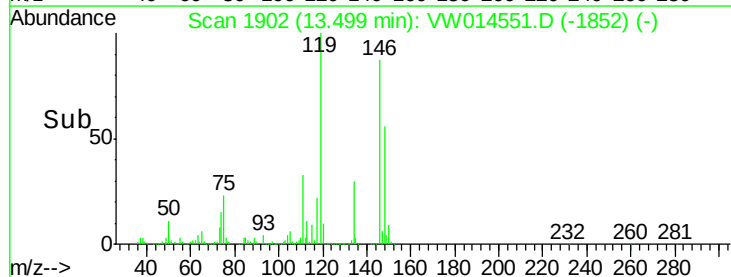
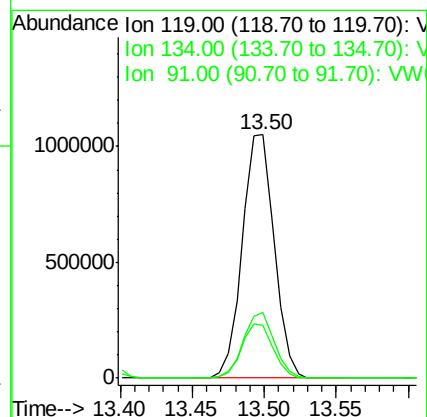
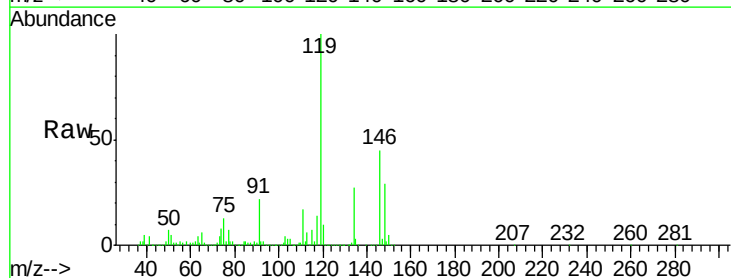
Tgt Ion:119 Resp: 1616570

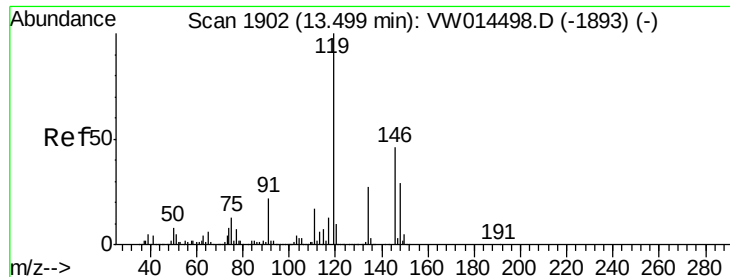
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 22.0 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 51.445 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014551.D

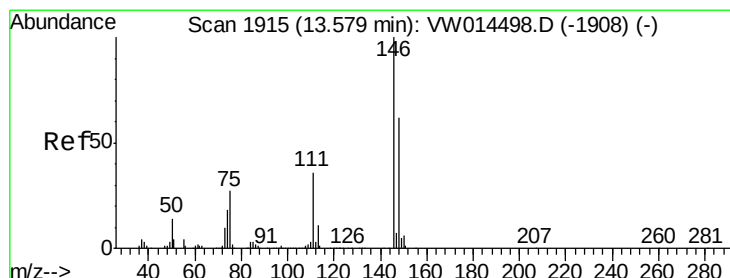
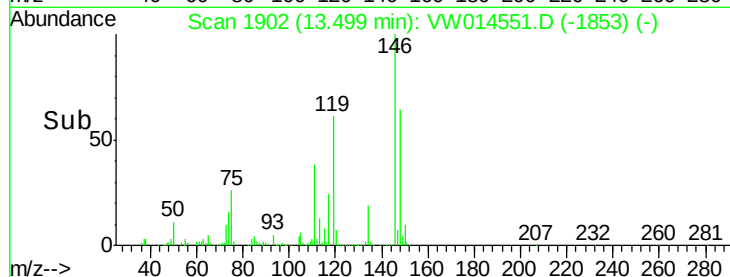
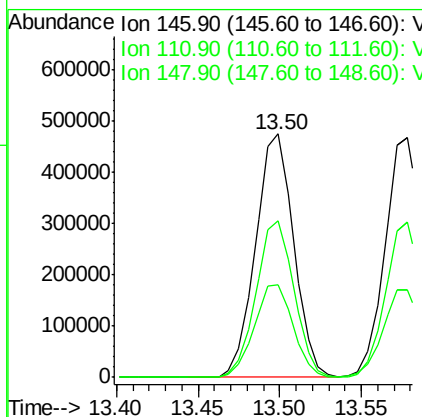
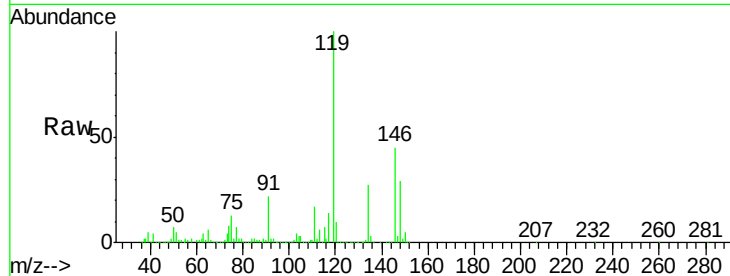
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.9
148	64.2	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 51.178 ug/l

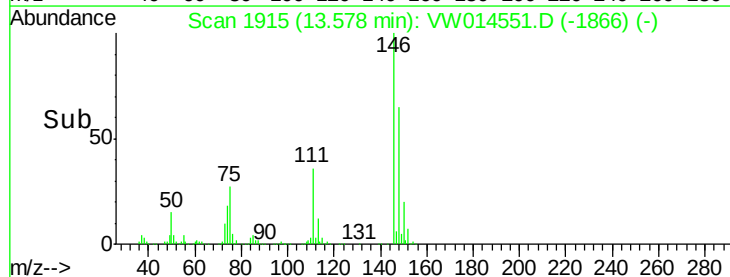
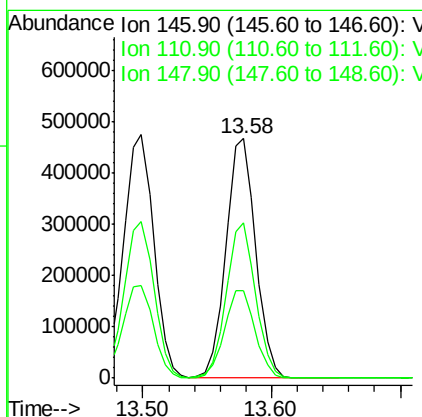
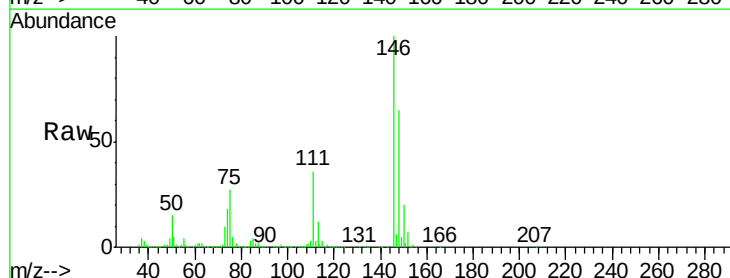
RT: 13.58 min Scan# 1915

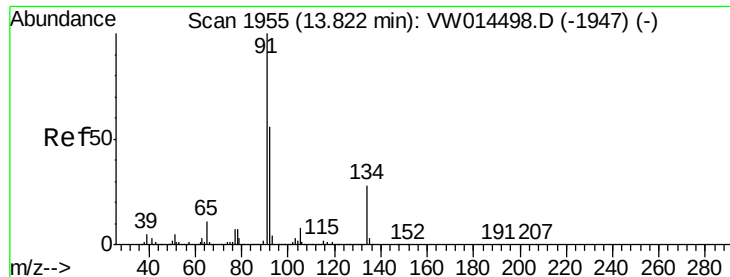
Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	63.6	31.7	95.1





#89

n-Butylbenzene

Concen: 53.382 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014551.D

Acq: 08 Jan 2020 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1517468

Ion Ratio Lower Upper

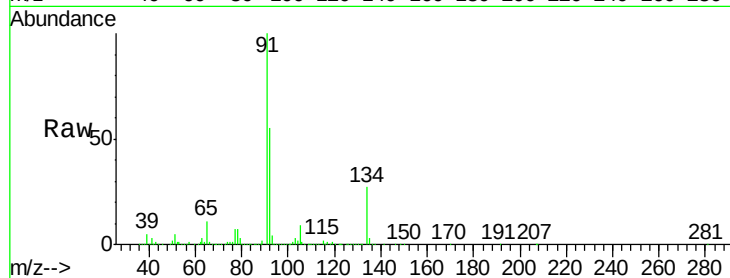
91 100

92 55.0 27.5 82.5

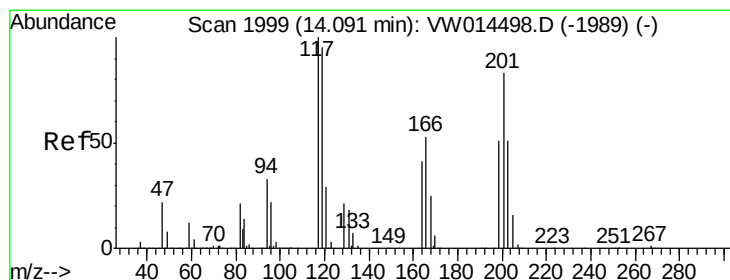
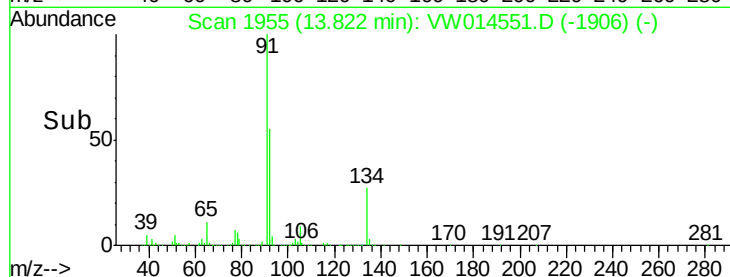
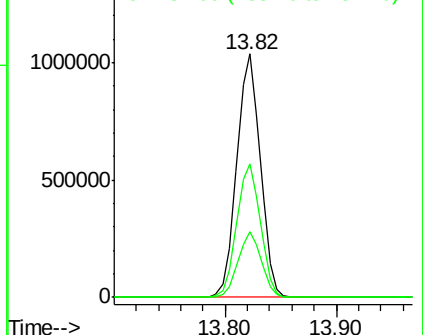
134 26.7 13.7 41.1

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Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.384 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014551.D

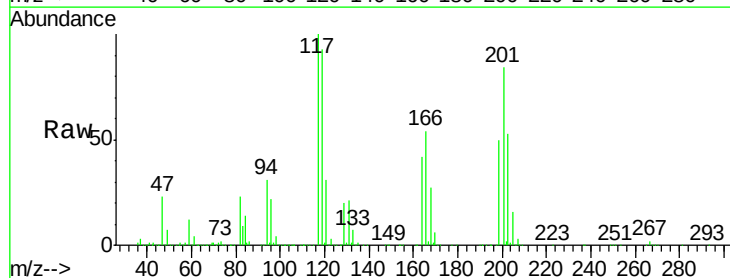
Acq: 08 Jan 2020 09:54

Tgt Ion: 117 Resp: 280126

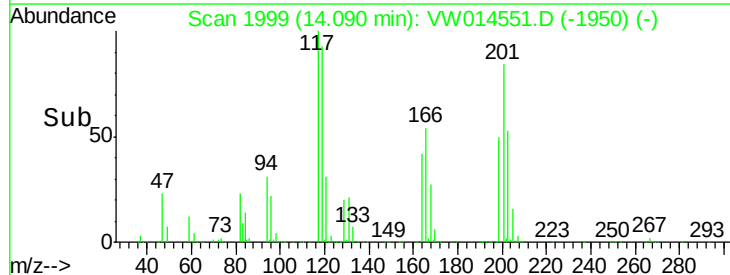
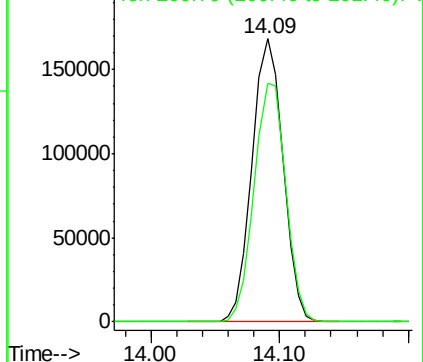
Ion Ratio Lower Upper

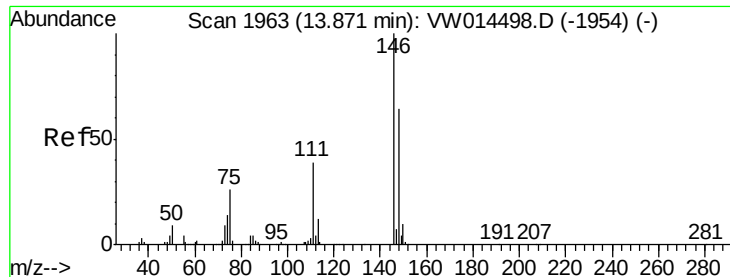
117 100

201 86.3 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





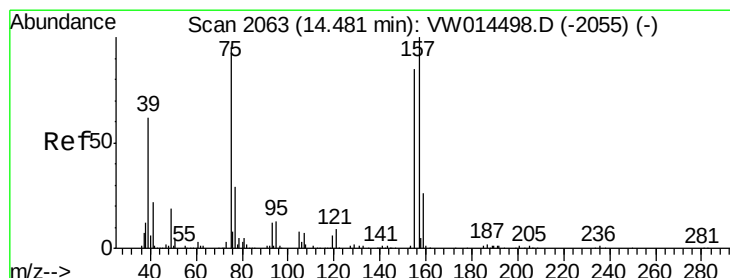
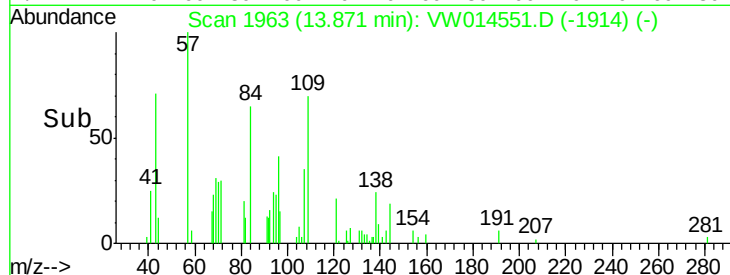
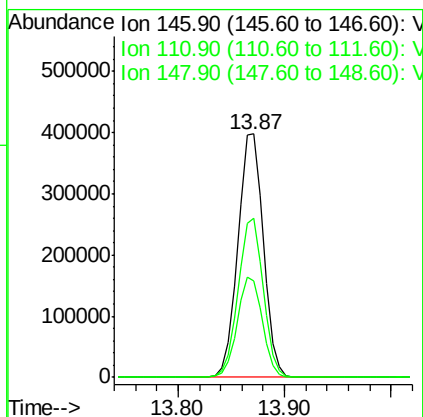
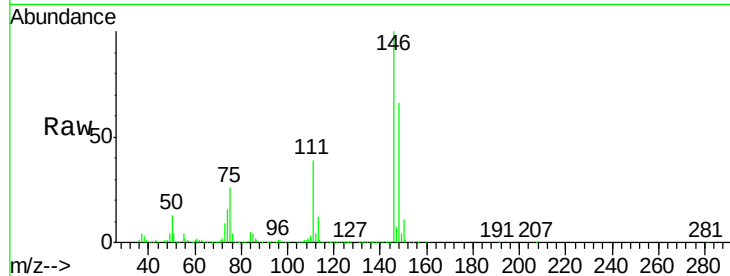
#91
 1,2-Dichlorobenzene
 Concen: 51.146 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	670095		
111	40.4		20.4	61.3
148	64.4		32.3	96.8

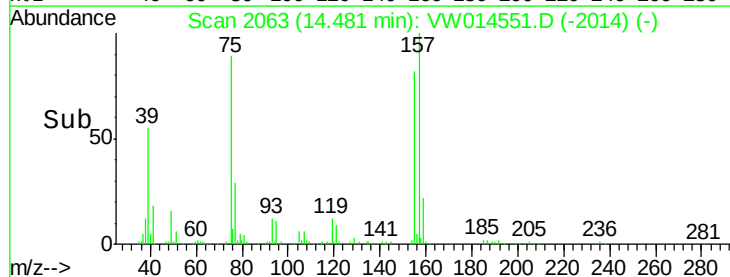
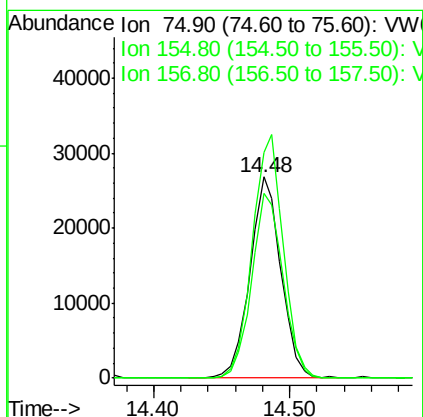
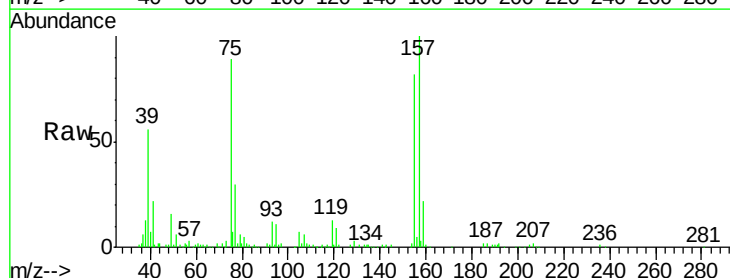
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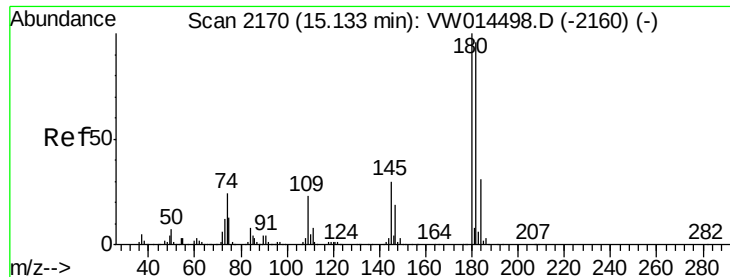
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.028 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42478		
155	93.3		45.8	137.4
157	121.5		58.1	174.2





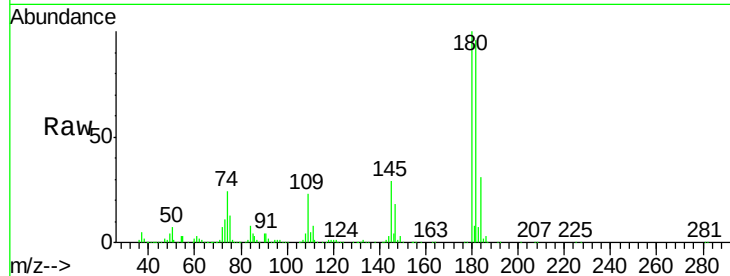
#93
 1,2,4-Trichlorobenzene
 Concen: 52.446 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

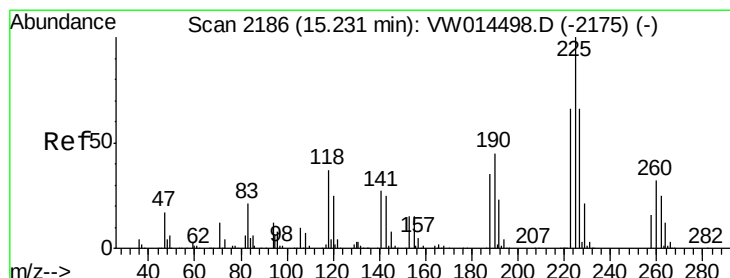
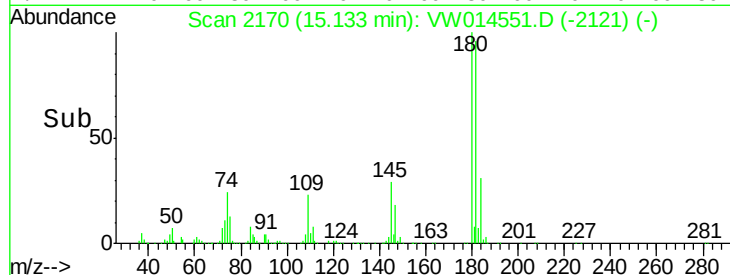
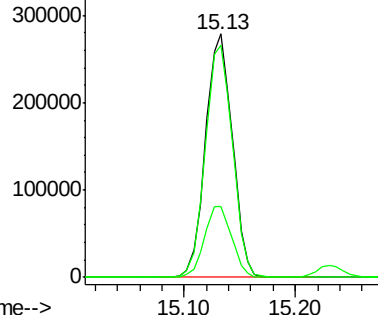
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	464009		
182	96.8	47.3	141.8	
145	29.6	14.7	44.1	

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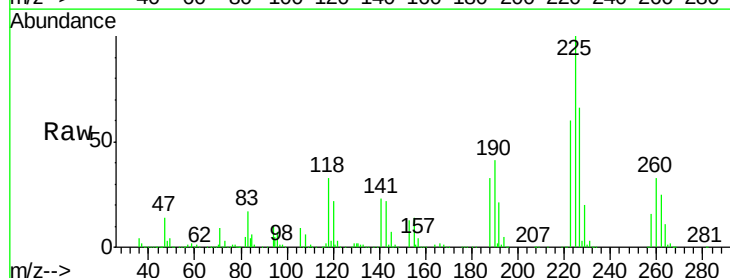


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

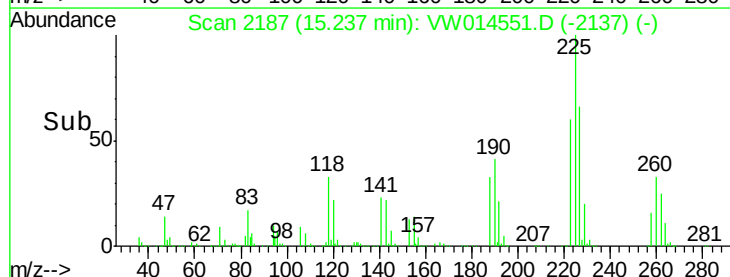
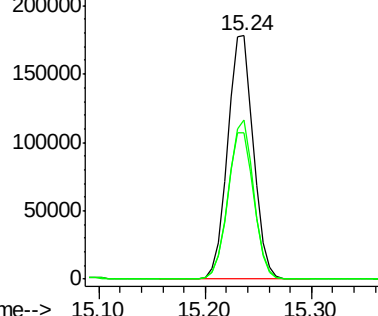


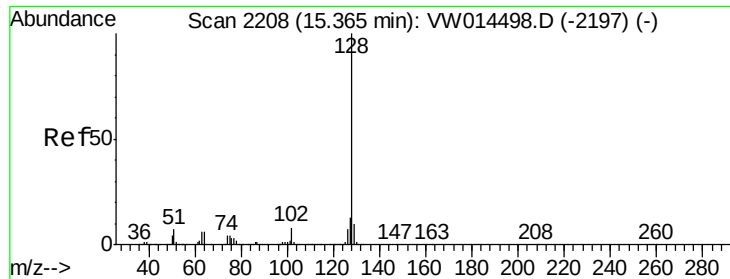
#94
 Hexachlorobutadiene
 Concen: 50.953 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014551.D
 Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	302100		
223	61.6	32.4	97.2	
227	63.8	32.6	97.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





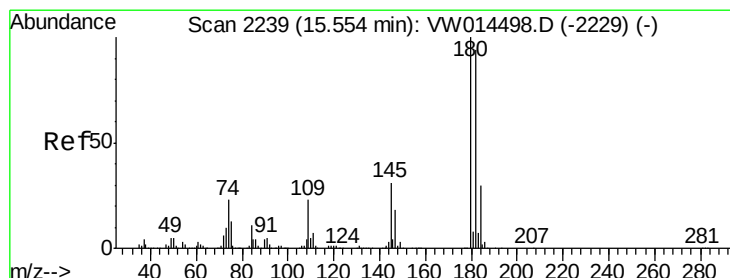
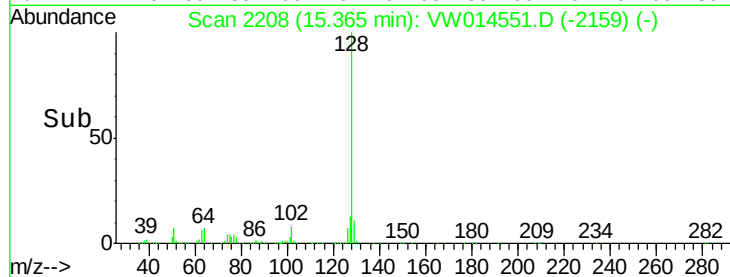
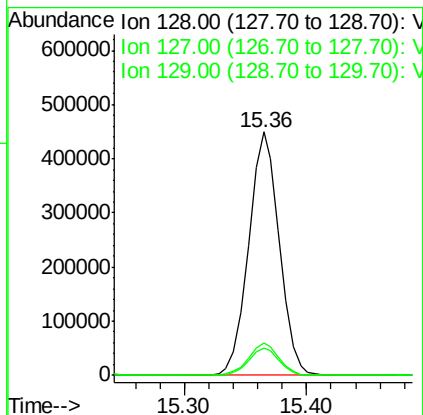
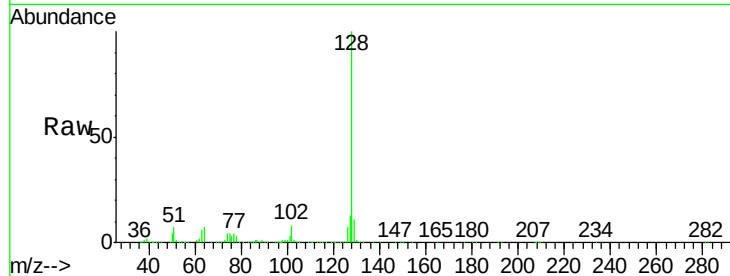
#95
Naphthalene
Concen: 51.804 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
1/9/2020 9:28:55 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.675 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014551.D
Acq: 08 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.2
145	30.9	15.5	46.5

