

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014570.D
 Acq On : 08 Jan 2020 19:52
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 1/9/2020 9:29:47 AM

Quant Time: Jan 09 03:06:00 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	730014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1092220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	946801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	467044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	292382	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.88	113	302069	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.32	98	1250636	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.62	95	429578	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	177737	43.121	ug/l	100
3) Chloromethane	2.21	50	228240	45.239	ug/l	98
4) Vinyl Chloride	2.36	62	368742	49.691	ug/l	99
5) Bromomethane	2.78	94	231131	50.420	ug/l	98
6) Chloroethane	2.92	64	215284	50.894	ug/l	98
7) Trichlorofluoromethane	3.26	101	155358	41.844	ug/l	96
8) Diethyl Ether	3.67	74	184330	49.898	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	342108	49.315	ug/l	98
10) Methyl Iodide	4.27	142	531260	50.756	ug/l	99
11) Tert butyl alcohol	5.16	59	108345	217.145	ug/l	99
12) 1,1-Dichloroethene	4.04	96	366672	50.473	ug/l	97
13) Acrolein	3.89	56	150791	270.681	ug/l	98
14) Allyl chloride	4.66	41	544479	49.045	ug/l	99
15) Acrylonitrile	5.36	53	409764	242.670	ug/l	99
16) Acetone	4.11	43	394161	218.706	ug/l	100
17) Carbon Disulfide	4.39	76	1050129	47.960	ug/l	98
18) Methyl Acetate	4.66	43	204617	47.010	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	480066	53.235	ug/l	97
20) Methylene Chloride	4.91	84	384700	53.050	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	390618	50.639	ug/l	99
22) Diisopropyl ether	6.31	45	1063667	51.188	ug/l	99
23) Vinyl Acetate	6.24	43	3103809	247.358	ug/l	100
24) 1,1-Dichloroethane	6.21	63	660940	50.425	ug/l	99
25) 2-Butanone	7.17	43	540089	233.516	ug/l	98
26) 2,2-Dichloropropane	7.17	77	331535	45.686	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	416845	51.428	ug/l	99
28) Bromochloromethane	7.51	49	257129	50.037	ug/l	99
29) Tetrahydrofuran	7.52	42	334569	233.502	ug/l	98
30) Chloroform	7.67	83	618853	50.489	ug/l	98
31) Cyclohexane	7.95	56	635365	46.643	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	483727	49.070	ug/l	99
36) 1,1-Dichloropropene	8.07	75	527433	50.091	ug/l	99
37) Ethyl Acetate	7.24	43	224754	47.064	ug/l	99
38) Carbon Tetrachloride	8.07	117	447964	49.038	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	672339	49.756	ug/l	100
40) Benzene	8.32	78	1519639	51.009	ug/l	99
41) Methacrylonitrile	7.48	41	142763	53.630	ug/l	92
42) 1,2-Dichloroethane	8.40	62	378712	48.985	ug/l	100
43) Isopropyl Acetate	8.42	43	429381	49.515	ug/l	100
44) Trichloroethene	9.09	130	414101	51.368	ug/l	95
45) 1,2-Dichloropropane	9.37	63	372560	50.962	ug/l	99
46) Dibromomethane	9.45	93	178943	49.582	ug/l	98
47) Bromodichloromethane	9.64	83	453197	50.863	ug/l	99
48) Methyl methacrylate	9.43	41	210510	49.720	ug/l	99
49) 1,4-Dioxane	9.44	88	60827	901.126	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1101420	244.584	ug/l	99
52) Toluene	10.38	92	965085	51.492	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	468353	50.767	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	581235	51.550	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	265040	50.284	ug/l	99
56) Ethyl methacrylate	10.64	69	362647	52.941	ug/l	99
57) 1,3-Dichloropropane	10.93	76	466555	50.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	541845	260.087	ug/l	100
59) 2-Hexanone	10.96	43	779757	251.281	ug/l	99
60) Dibromochloromethane	11.13	129	301583	50.711	ug/l	98
61) 1,2-Dibromoethane	11.23	107	250920	50.151	ug/l	99
64) Tetrachloroethene	10.86	164	356755	52.047	ug/l	97
65) Chlorobenzene	11.65	112	997223	51.411	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	340059	52.069	ug/l	99
67) Ethyl Benzene	11.73	91	1815317	51.931	ug/l	100
68) m/p-Xylenes	11.83	106	1392286	104.068	ug/l	98
69) o-Xylene	12.16	106	648113	52.445	ug/l	100
70) Styrene	12.18	104	1129045	54.015	ug/l	99
71) Bromoform	12.35	173	181546	50.963	ug/l #	97
73) Isopropylbenzene	12.46	105	1757763	51.292	ug/l	99
74) N-amyl acetate	12.27	43	389741	50.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	303183	49.015	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	226984m	51.402	ug/l	
77) Bromobenzene	12.74	156	410001	51.512	ug/l	98
78) n-propylbenzene	12.80	91	2091069	51.891	ug/l	100
79) 2-Chlorotoluene	12.89	91	1176523	51.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1495775	51.984	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	97901	49.397	ug/l	99
82) 4-Chlorotoluene	12.99	91	1226326	51.472	ug/l	100
83) tert-Butylbenzene	13.20	119	1317420	52.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1496493	52.263	ug/l	99
85) sec-Butylbenzene	13.38	105	1816465	52.092	ug/l	100
86) p-Isopropyltoluene	13.49	119	1677242	52.769	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	785789	50.770	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	783950	51.305	ug/l	99
89) n-Butylbenzene	13.82	91	1573408	53.307	ug/l	100
90) Hexachloroethane	14.09	117	279241	50.291	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	701010	51.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	47806	48.805	ug/l	93

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	510414	55.562	ug/l	98
94) Hexachlorobutadiene	15.23	225	317867	51.633	ug/l	99
95) Naphthalene	15.36	128	897919	57.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	449402	56.123	ug/l	99

(#) = 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: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 730014

Ion Ratio Lower Upper

168 100

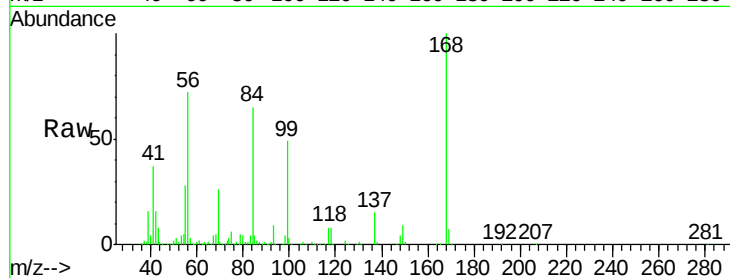
99 49.1 41.1 61.7

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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

300000

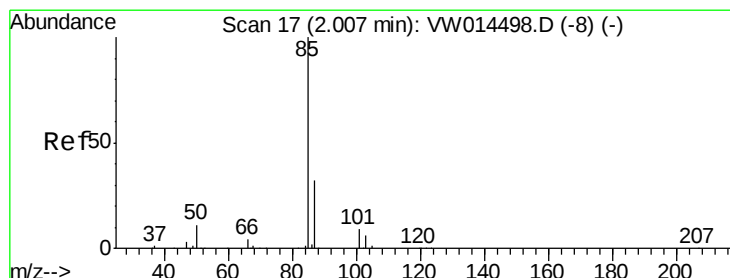
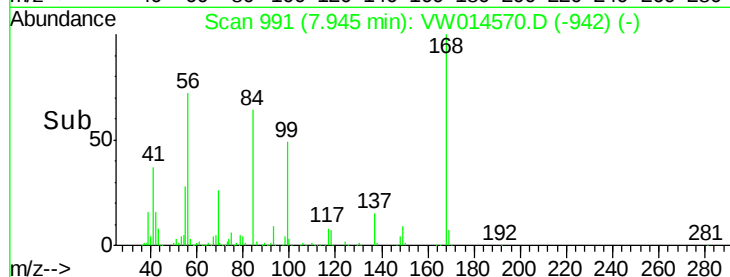
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.121 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014570.D

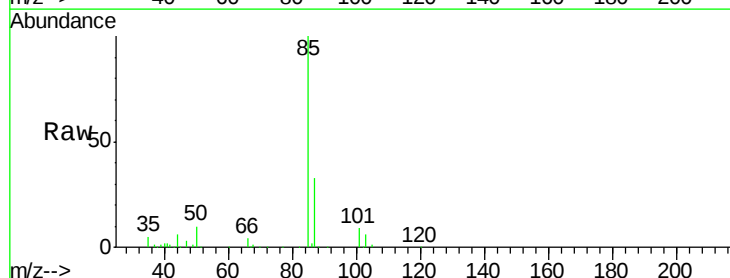
Acq: 08 Jan 2020 19:52

Tgt Ion: 85 Resp: 177737

Ion Ratio Lower Upper

85 100

87 32.5 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

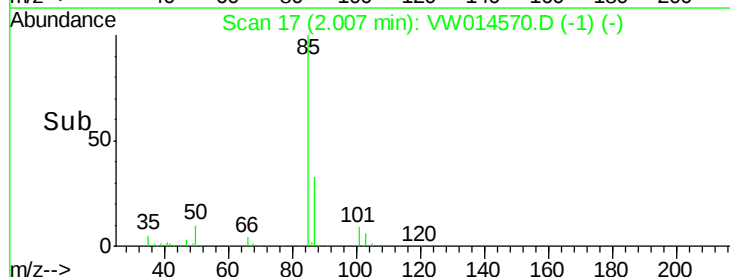
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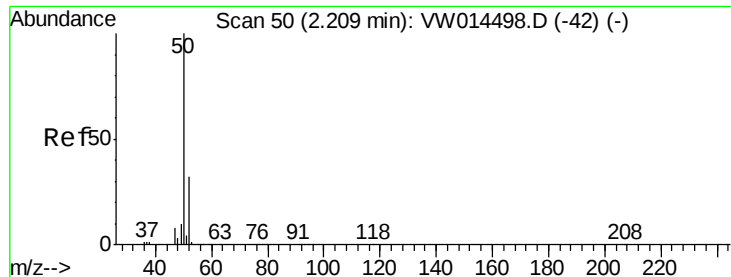
20000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 45.239 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 228240

Ion Ratio Lower Upper

50 100

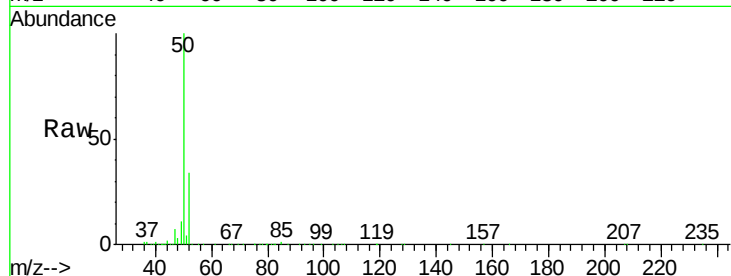
52 33.6 25.8 38.8

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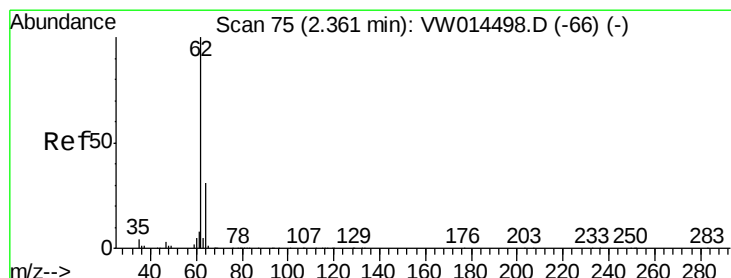
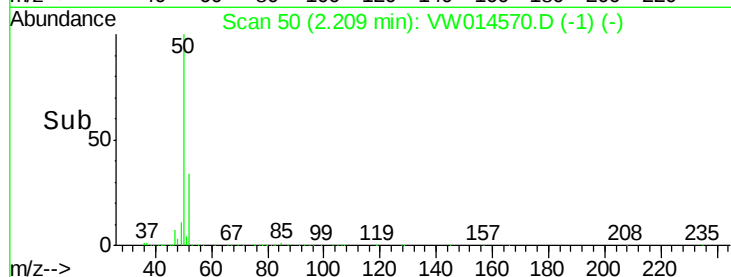
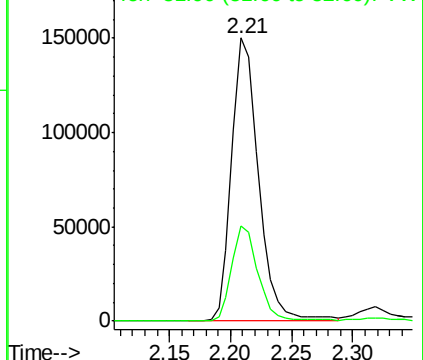
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 49.691 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014570.D

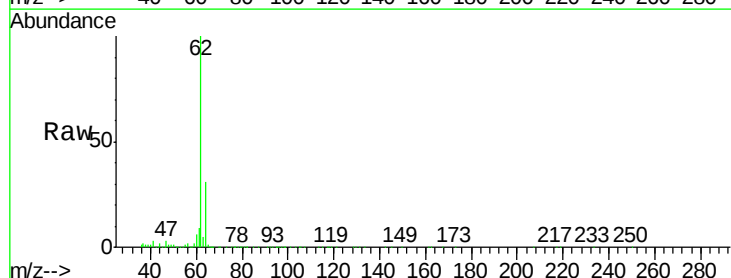
Acq: 08 Jan 2020 19:52

Tgt Ion: 62 Resp: 368742

Ion Ratio Lower Upper

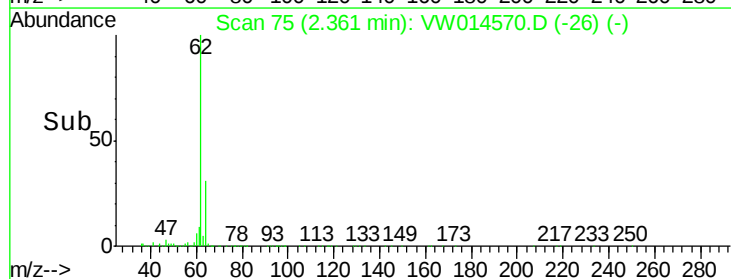
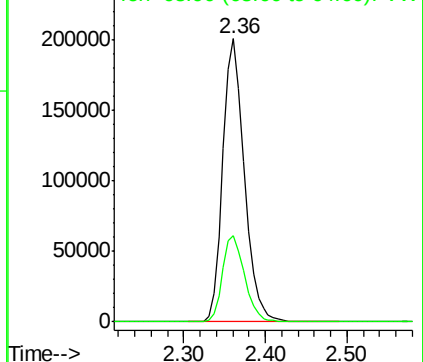
62 100

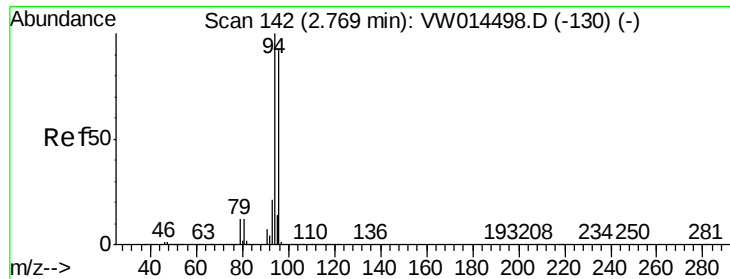
64 30.6 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 50.420 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

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ClientSampleId :

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Tgt Ion: 94 Resp: 231131

Ion Ratio Lower Upper

94 100

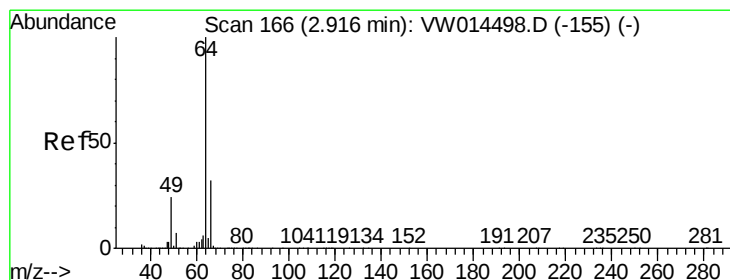
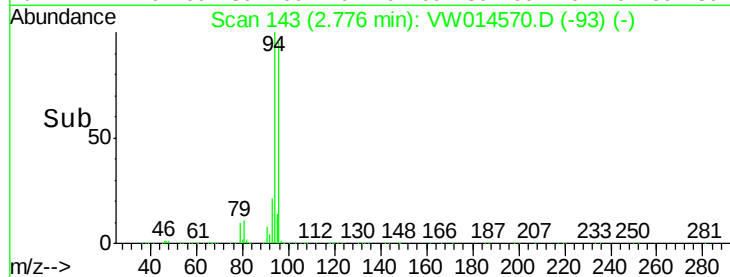
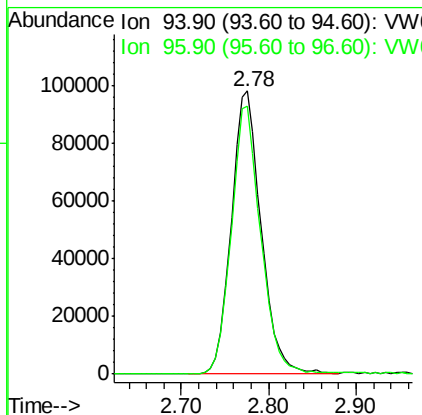
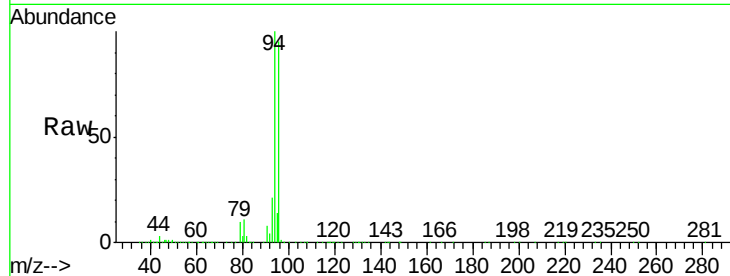
96 94.6 74.2 111.2

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#6

Chloroethane

Concen: 50.894 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014570.D

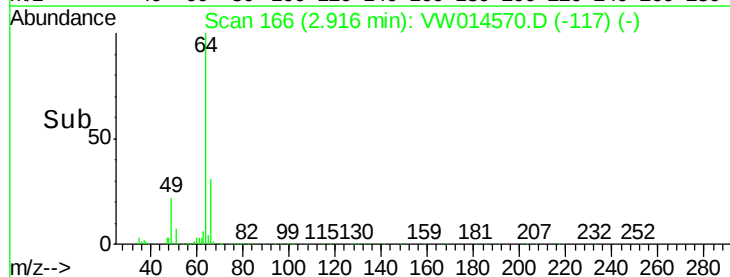
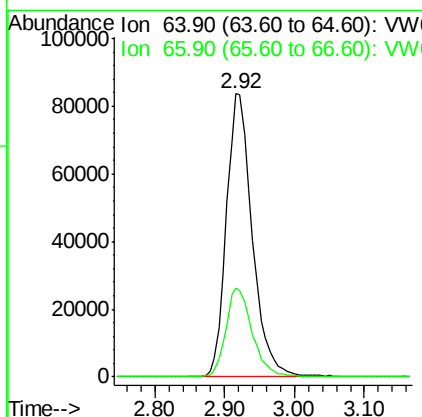
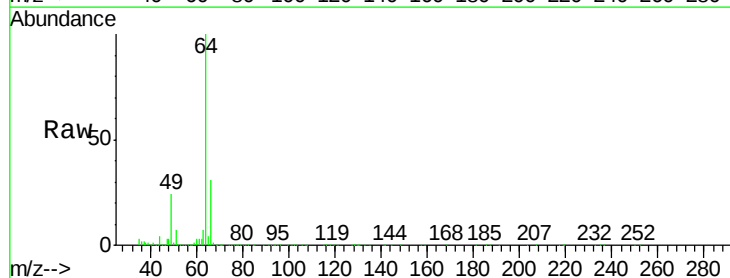
Acq: 08 Jan 2020 19:52

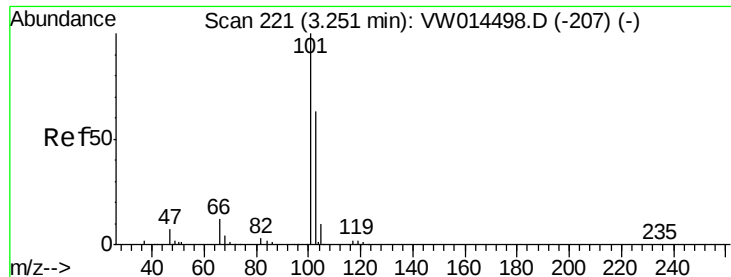
Tgt Ion: 64 Resp: 215284

Ion Ratio Lower Upper

64 100

66 31.1 25.7 38.5





#7

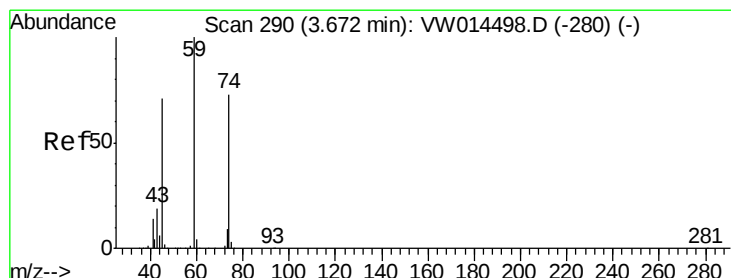
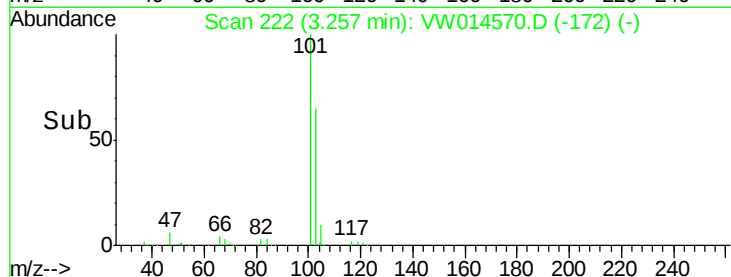
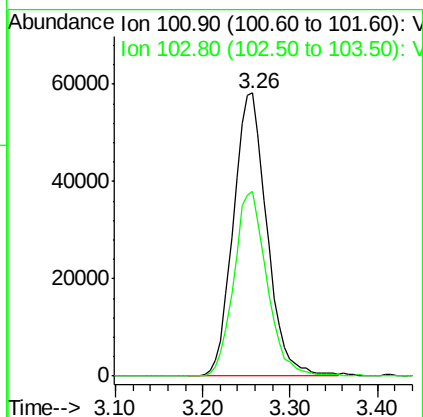
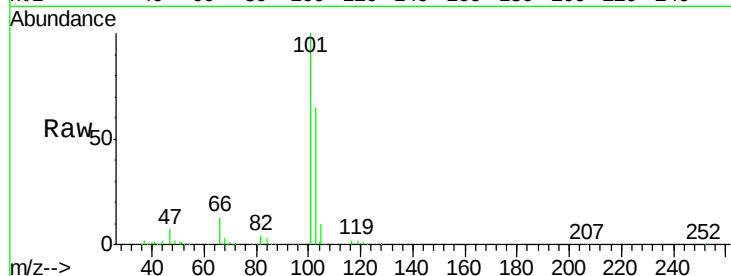
Trichlorofluoromethane
Concen: 41.844 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.5	50.1	75.1

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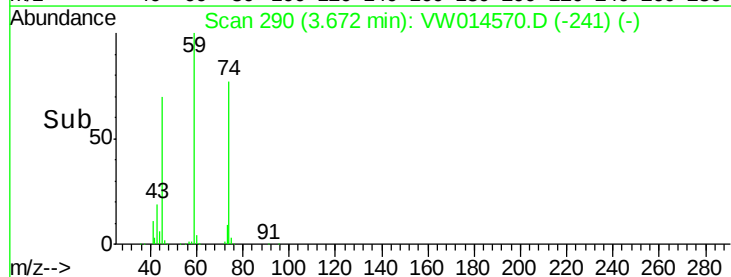
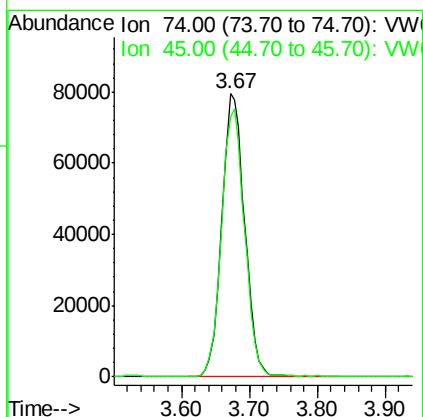
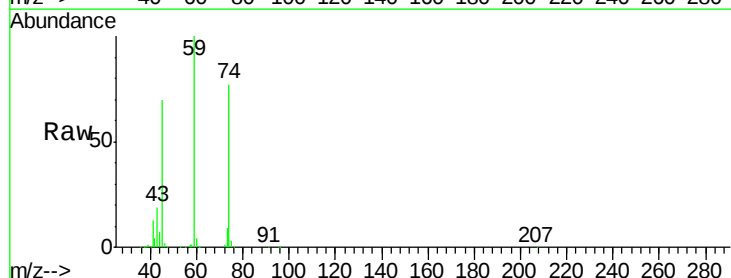
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#8

Diethyl Ether
Concen: 49.898 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW014570.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.315 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

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MSVOA_W

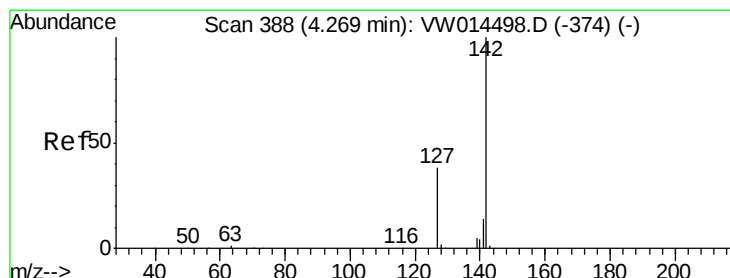
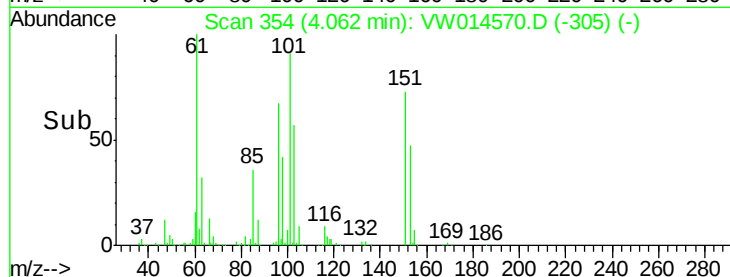
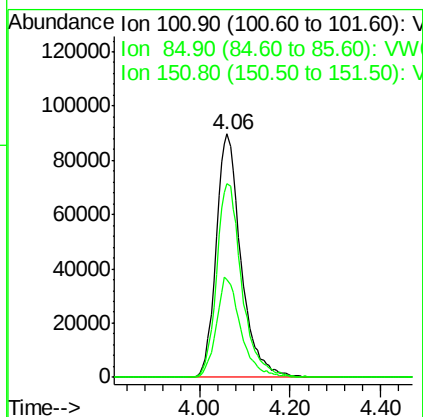
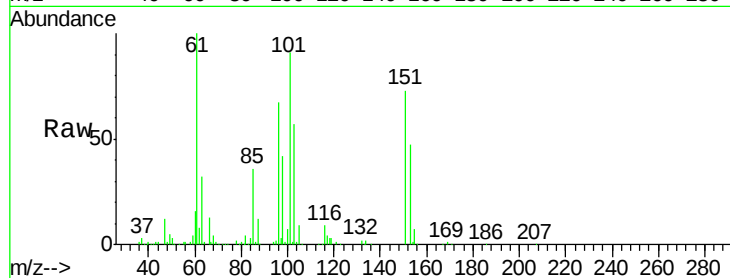
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	342108
Ion Ratio	Lower	Upper	
101	100		
85	40.3	33.7	50.5
151	80.5	63.5	95.3

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#10

Methyl Iodide

Concen: 50.756 ug/l

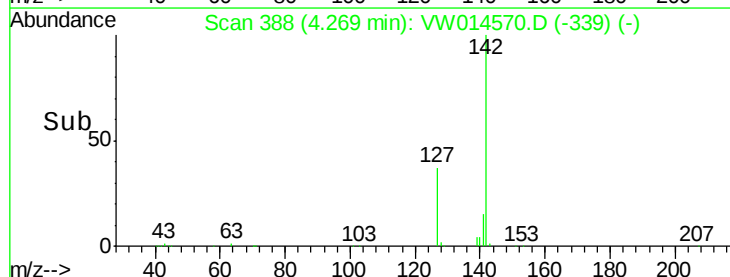
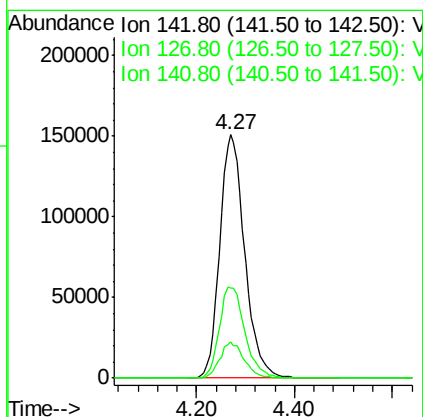
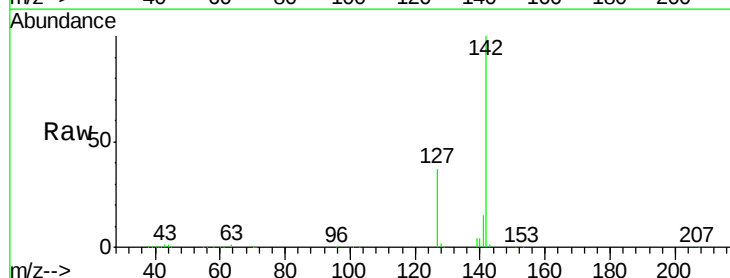
RT: 4.27 min Scan# 388

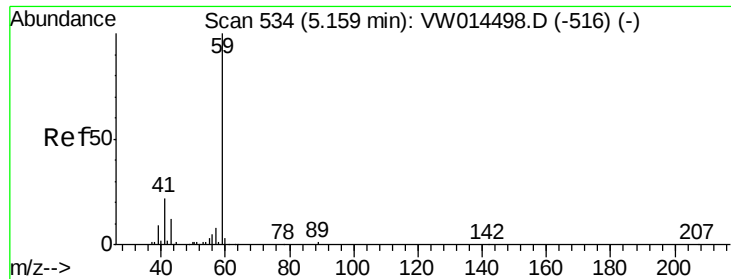
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	142	Resp:	531260
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.2	45.4
141	14.5	11.4	17.2





#11

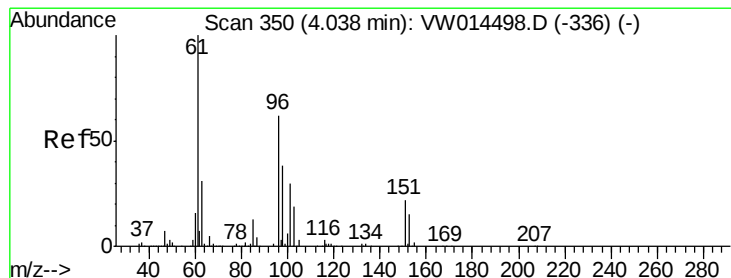
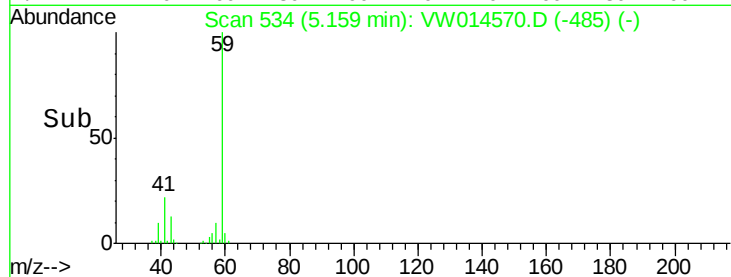
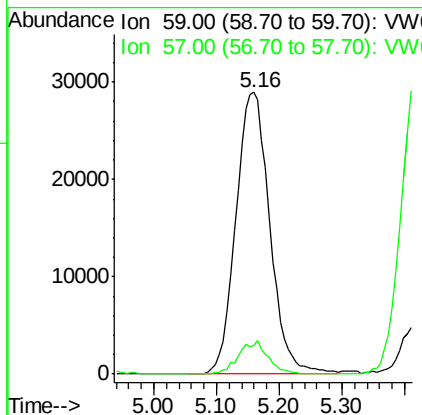
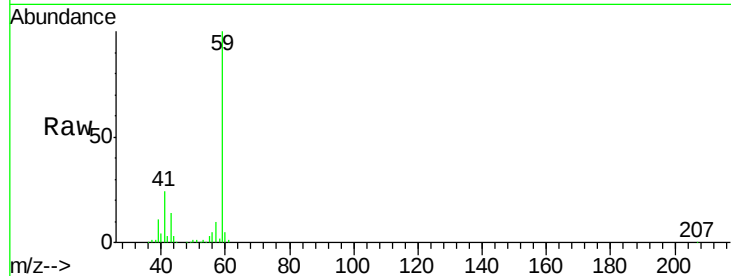
Tert butyl alcohol
 Concen: 217.145 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.8

Manual Integrations
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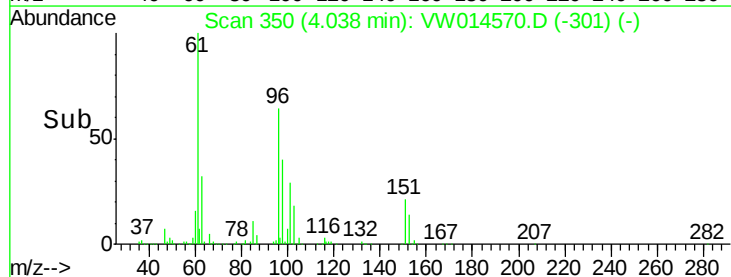
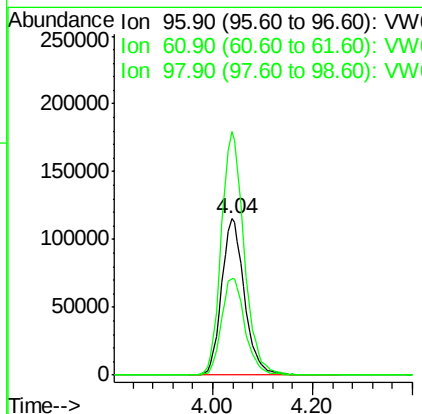
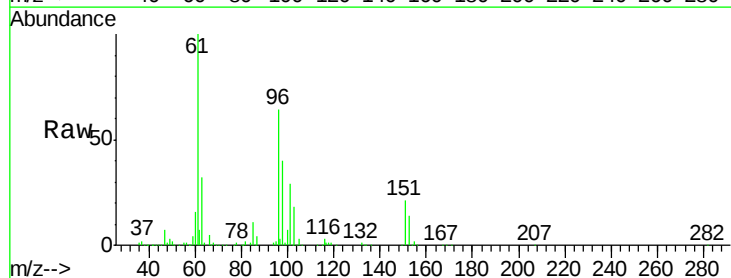
apatel
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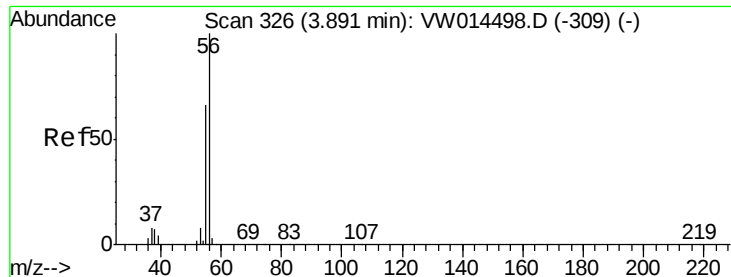


#12

1,1-Dichloroethene
 Concen: 50.473 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.0	128.4	192.6
98	61.7	49.1	73.7





#13

Acrolein

Concen: 270.681 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 150791

Ion Ratio Lower Upper

56 100

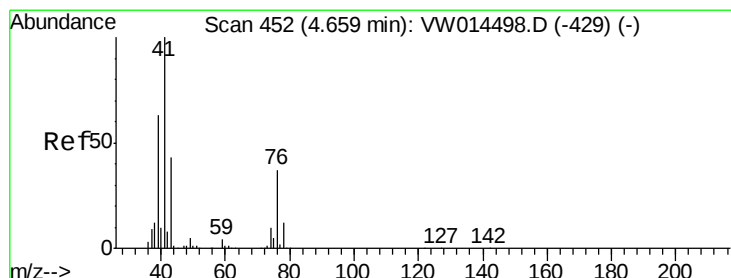
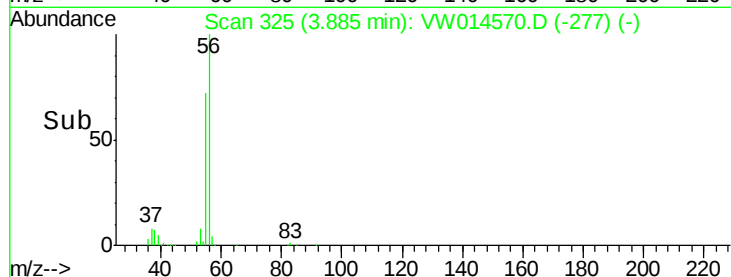
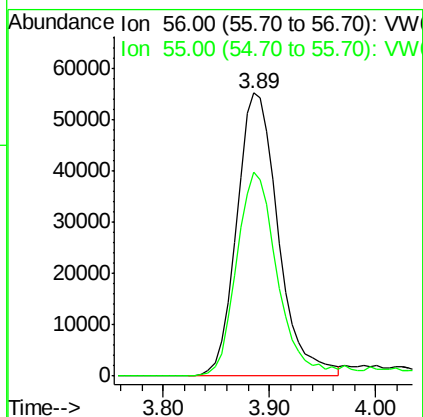
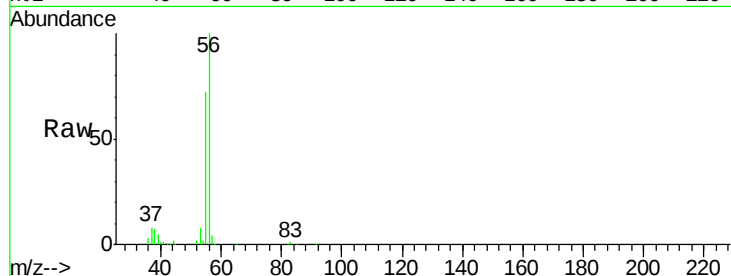
55 69.4 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 49.045 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

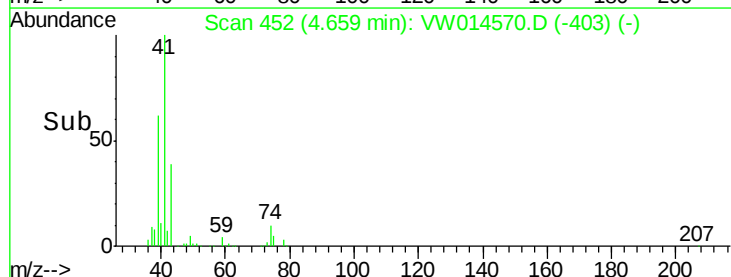
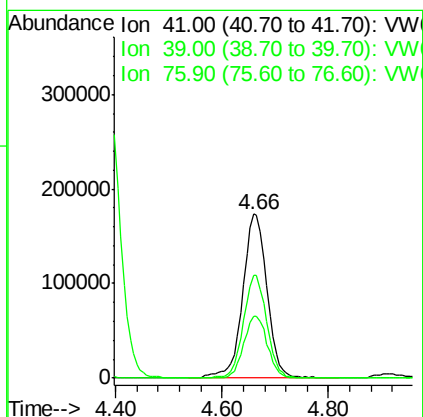
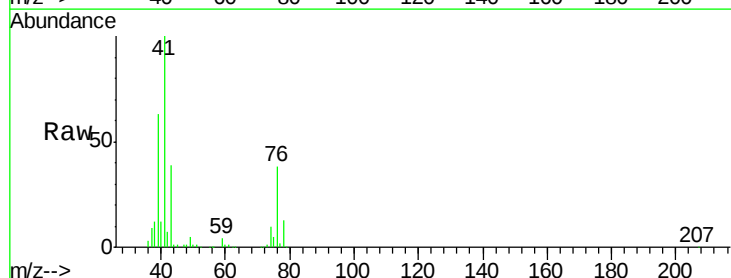
Tgt Ion: 41 Resp: 544479

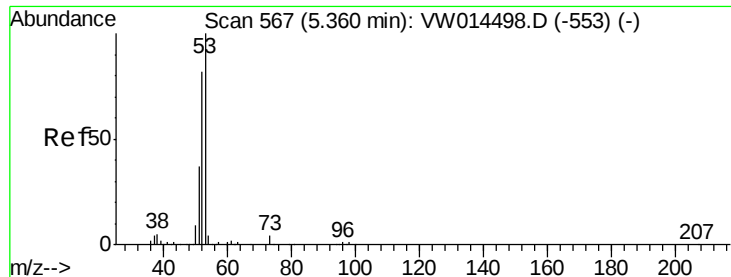
Ion Ratio Lower Upper

41 100

39 60.5 48.5 72.7

76 36.4 28.1 42.1





#15

Acrylonitrile

Concen: 242.670 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

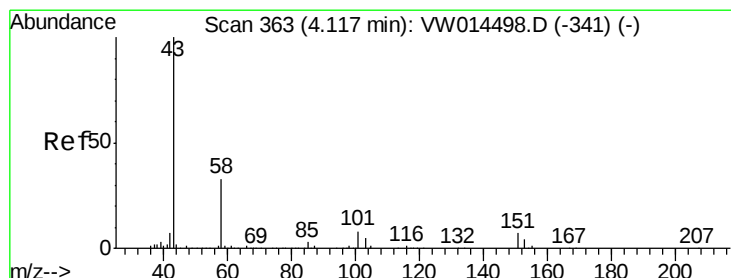
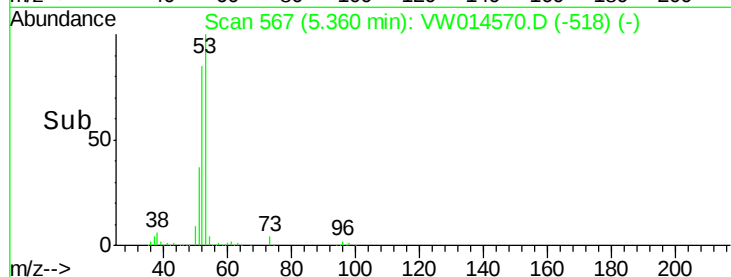
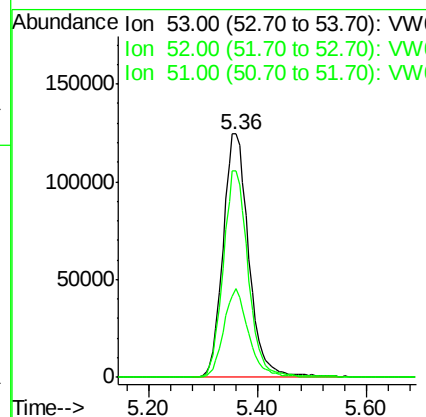
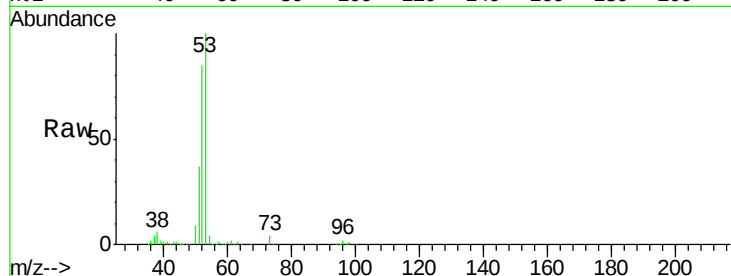
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	409764
Ion Ratio		Lower	Upper
53	100		
52	82.1	66.5	99.7
51	35.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 218.706 ug/l

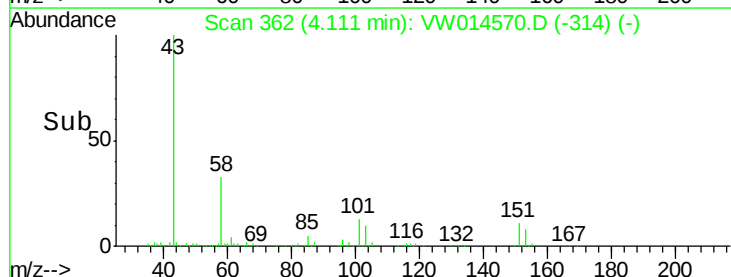
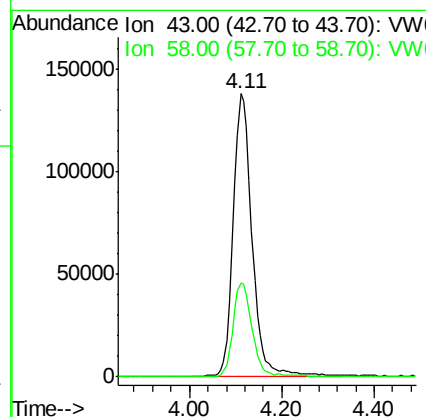
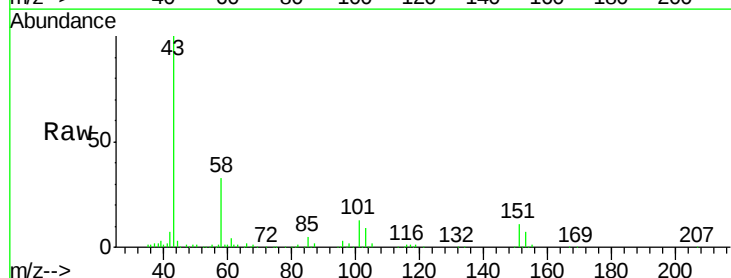
RT: 4.11 min Scan# 362

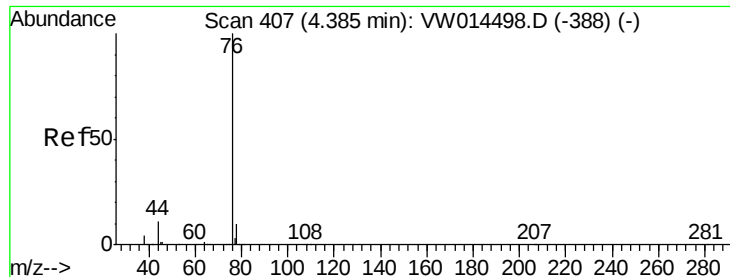
Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	43	Resp:	394161
Ion Ratio		Lower	Upper
43	100		
58	33.0	26.6	39.8





#17

Carbon Disulfide

Concen: 47.960 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1050129

Ion Ratio Lower Upper

76 100

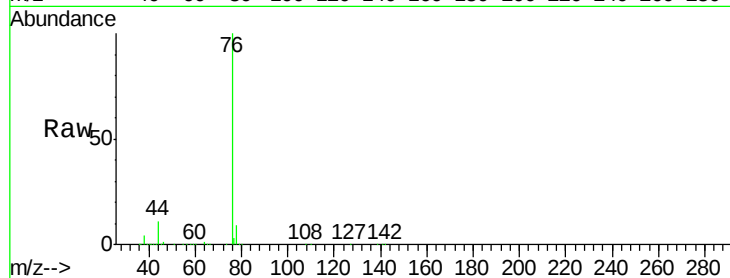
78 9.1 7.8 11.6

Manual Integrations

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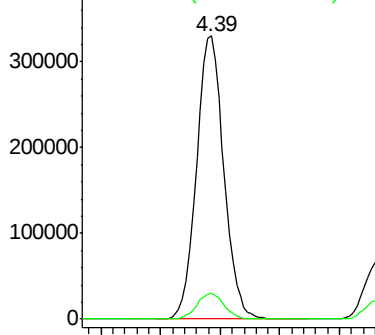
apatel

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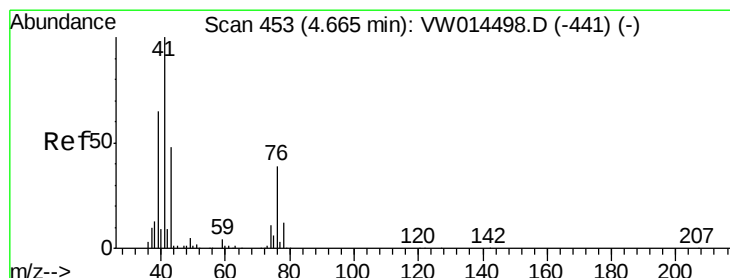
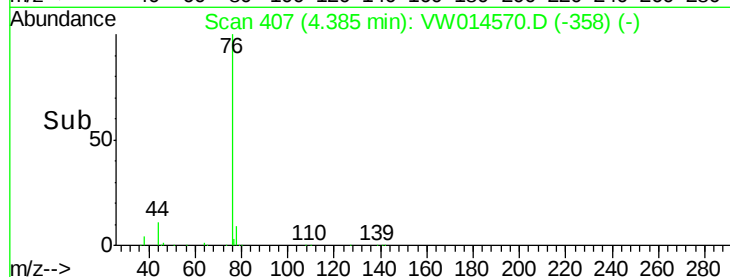


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#18

Methyl Acetate

Concen: 47.010 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014570.D

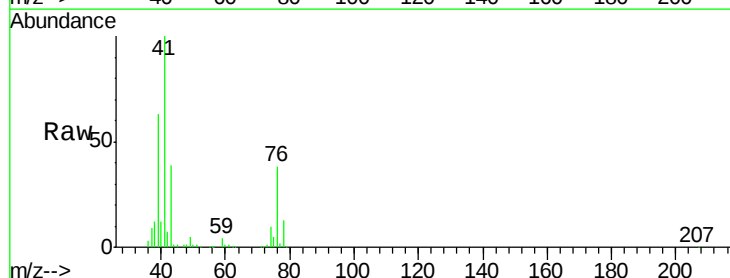
Acq: 08 Jan 2020 19:52

Tgt Ion: 43 Resp: 204617

Ion Ratio Lower Upper

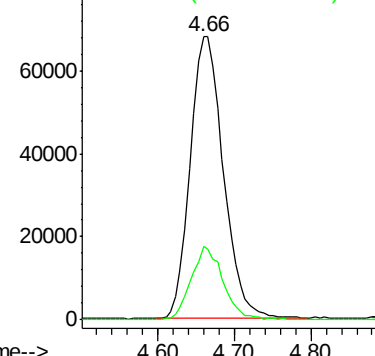
43 100

74 25.0 19.3 28.9

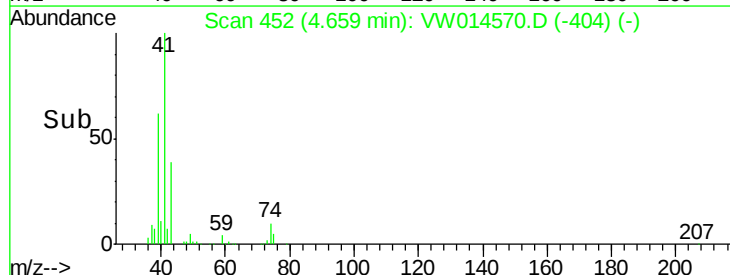


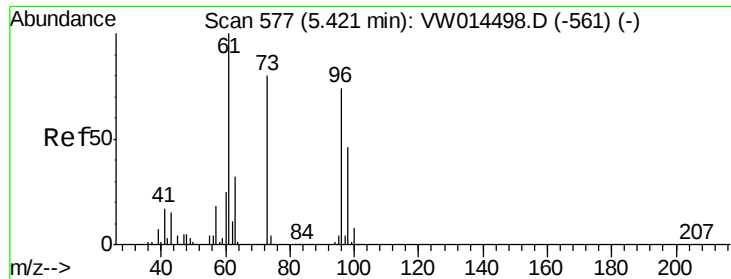
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



Time-->





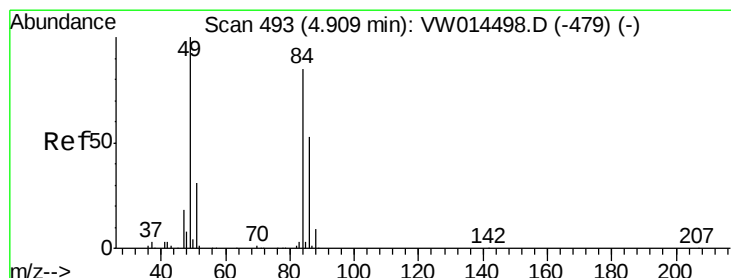
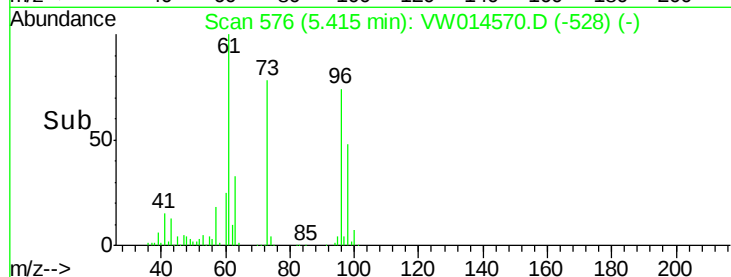
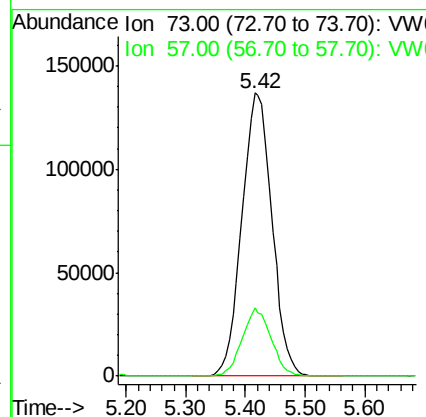
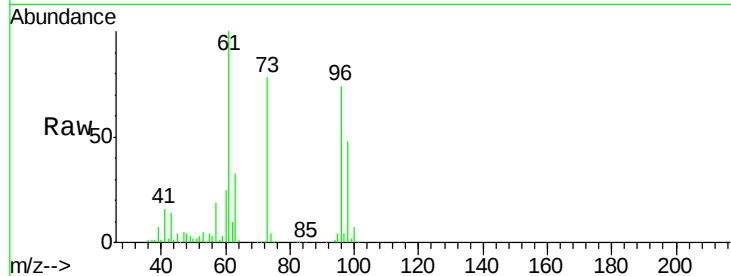
#19
Methyl tert-butyl Ether
Concen: 53.235 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 480066
Ion Ratio Lower Upper
73 100
57 24.0 18.1 27.1

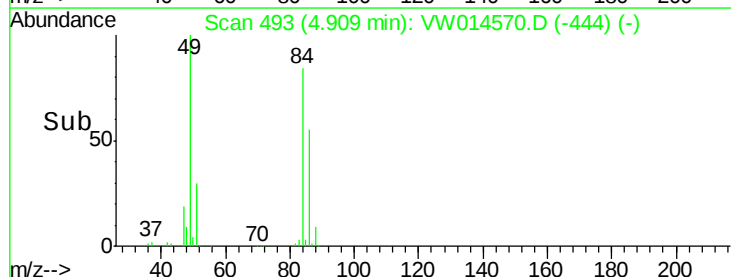
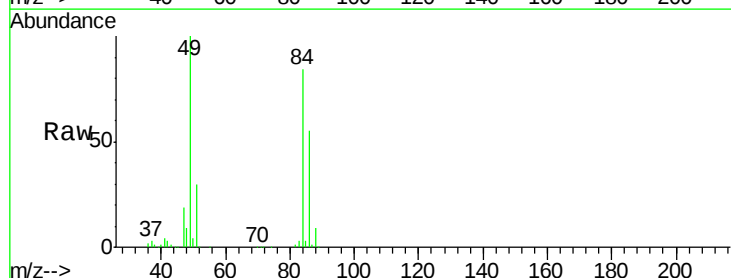
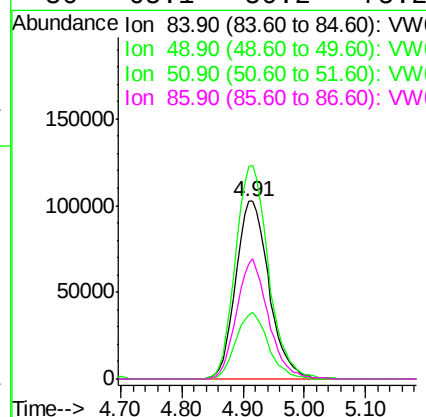
Manual Integrations
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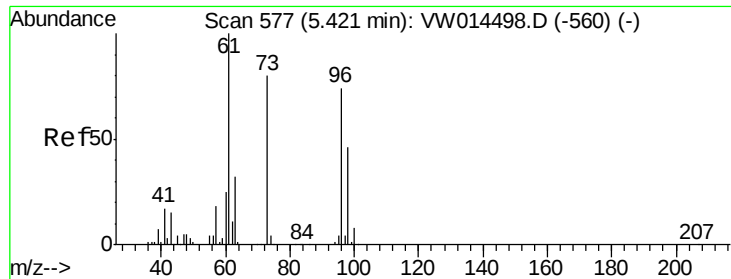
apatel
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#20
Methylene Chloride
Concen: 53.050 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 84 Resp: 384700
Ion Ratio Lower Upper
84 100
49 119.4 94.4 141.6
51 36.0 29.5 44.3
86 65.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.639 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

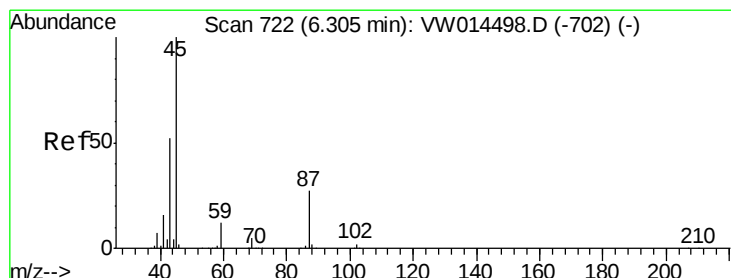
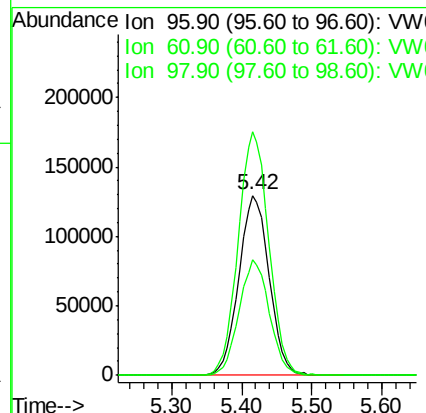
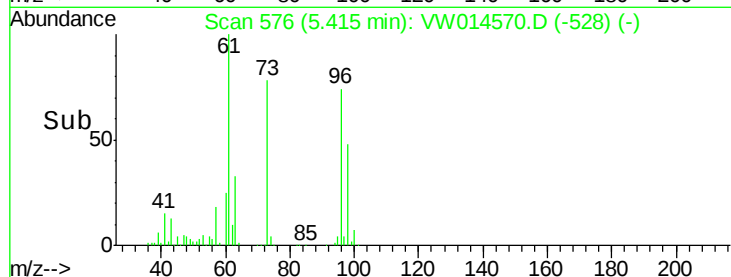
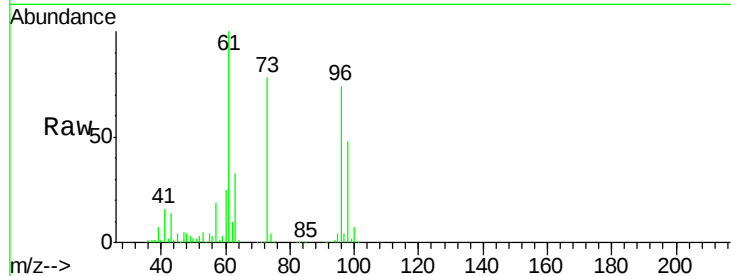
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	390618
Ion	Ratio	Lower	Upper
96	100		
61	135.4	107.8	161.6
98	64.3	49.4	74.0

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#22

Diisopropyl ether

Concen: 51.188 ug/l

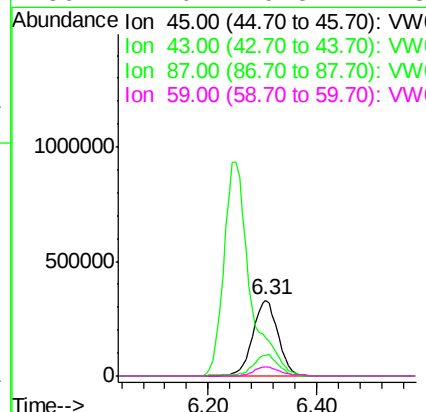
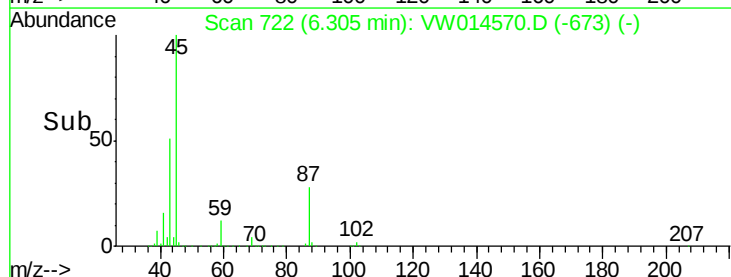
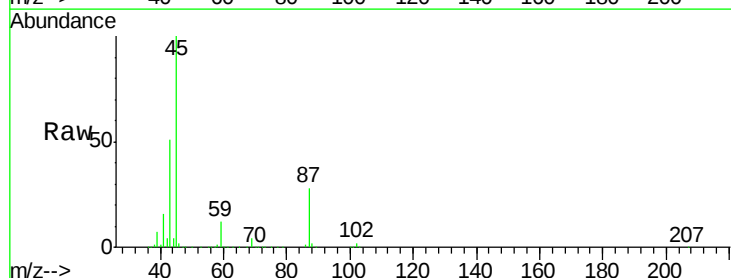
RT: 6.31 min Scan# 722

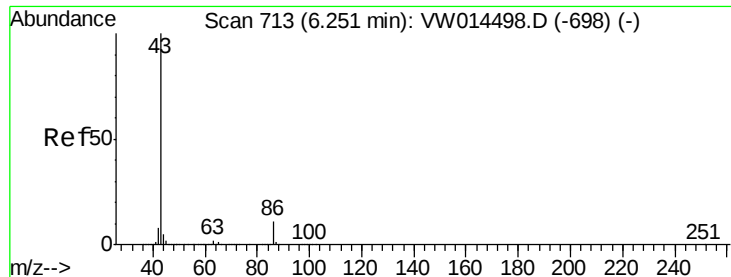
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	45	Resp:	1063667
Ion	Ratio	Lower	Upper
45	100		
43	50.9	41.4	62.0
87	27.5	22.2	33.2
59	12.0	9.5	14.3





#23

Vinyl Acetate

Concen: 247.358 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 3103809

Ion Ratio Lower Upper

43 100

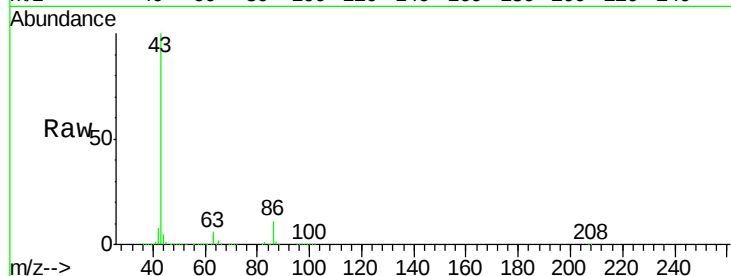
86 10.9 8.8 13.2

Manual Integrations

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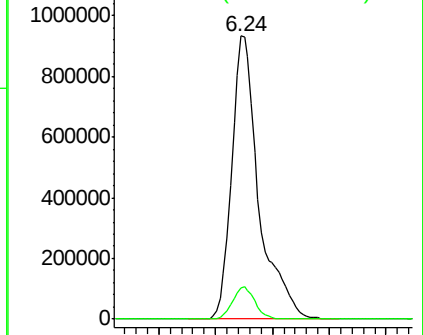
apatel

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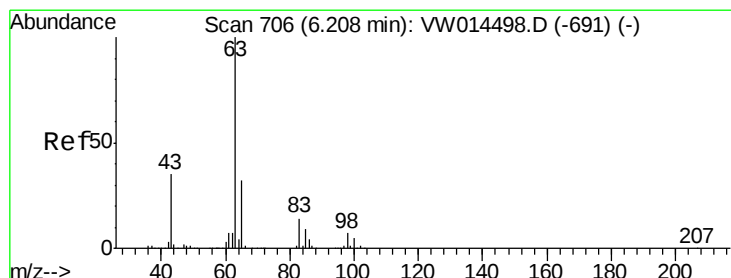
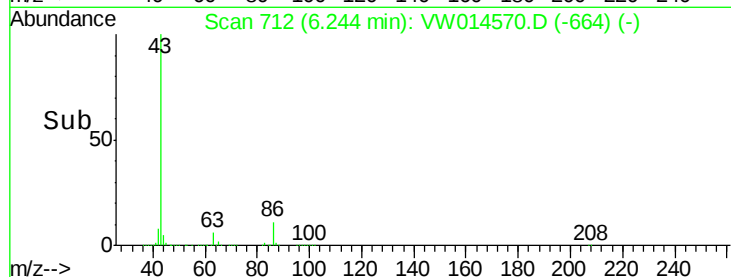


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 50.425 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

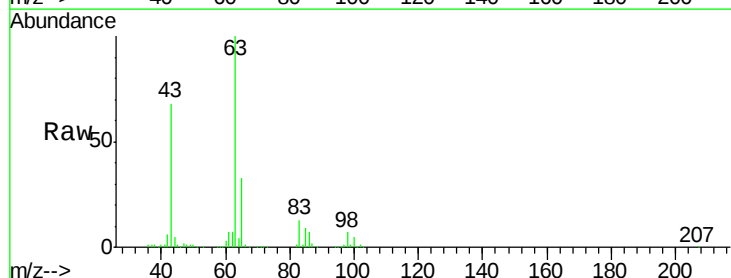
Tgt Ion: 63 Resp: 660940

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

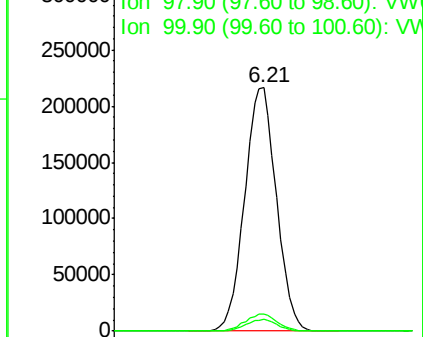
100 4.8 2.5 7.4



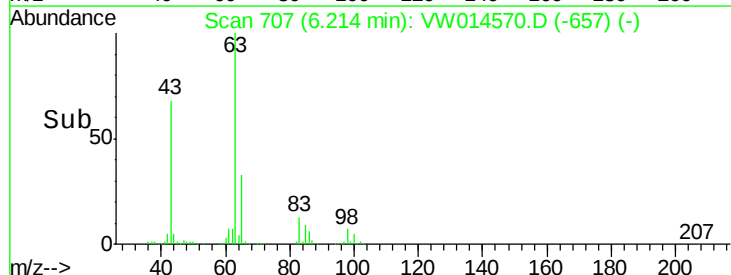
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 233.516 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 540089

Ion Ratio Lower Upper

43 100

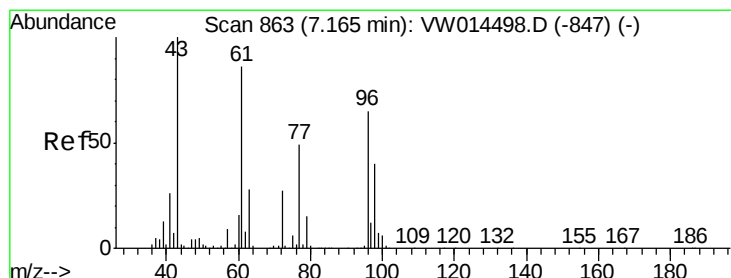
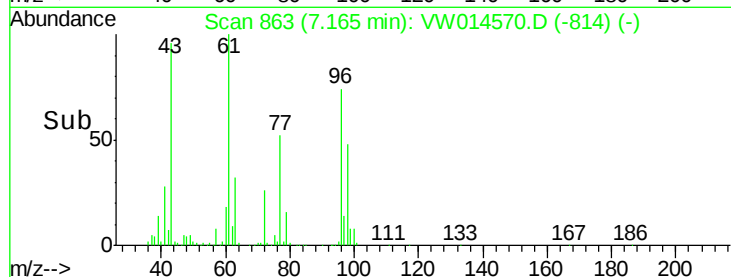
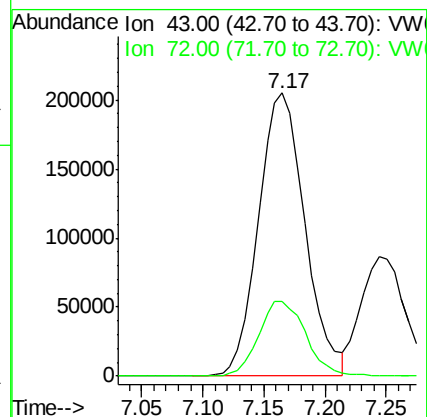
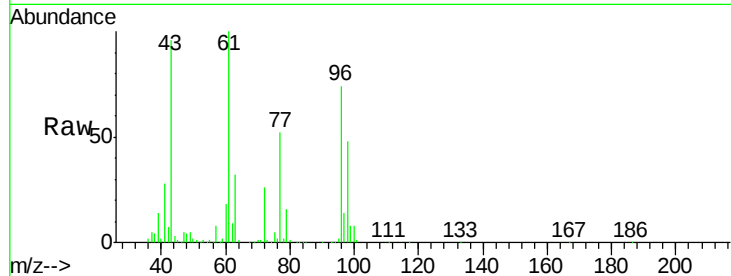
72 26.6 21.9 32.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.686 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014570.D

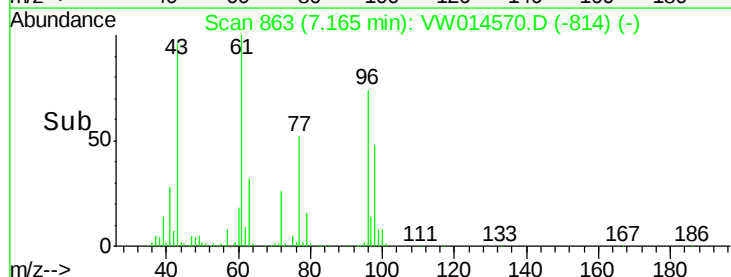
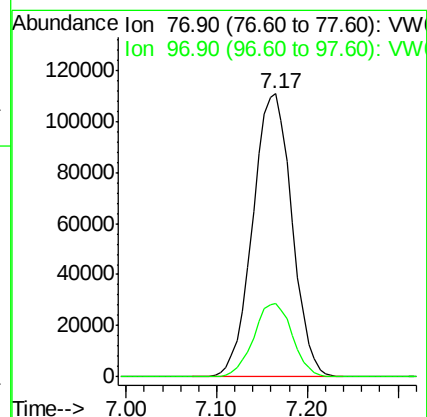
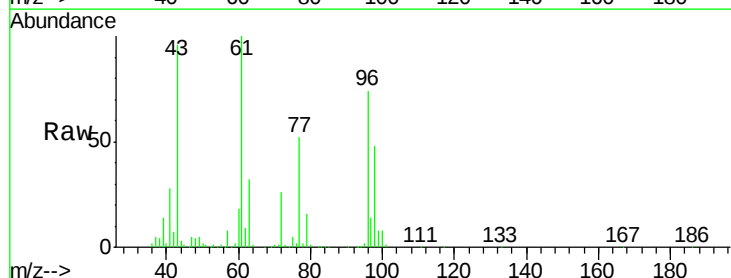
Acq: 08 Jan 2020 19:52

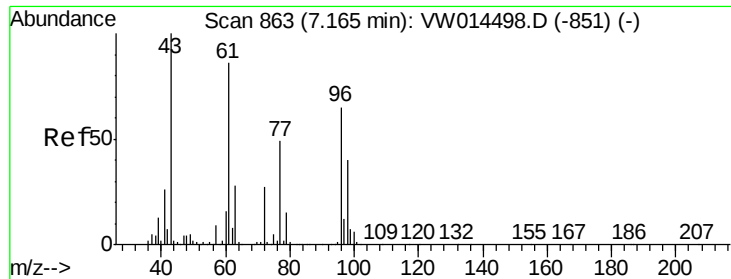
Tgt Ion: 77 Resp: 331535

Ion Ratio Lower Upper

77 100

97 25.6 12.5 37.5





#27

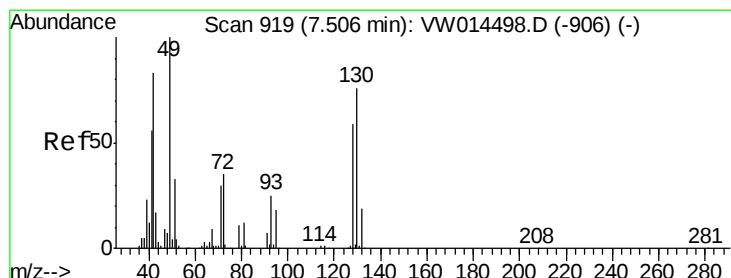
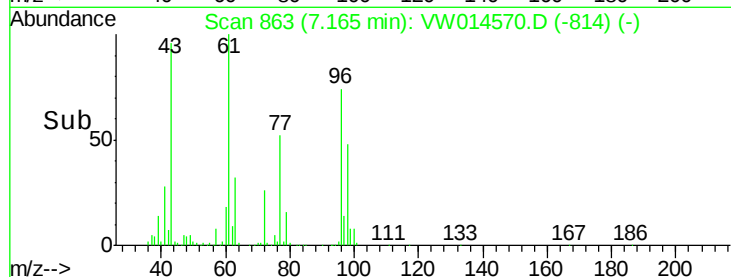
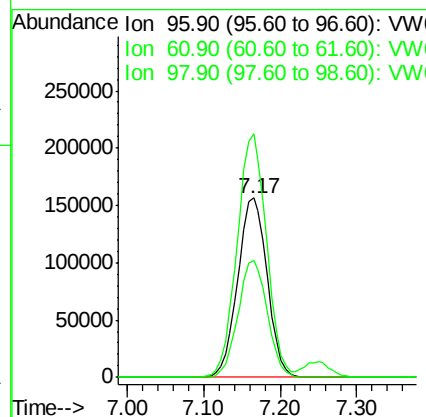
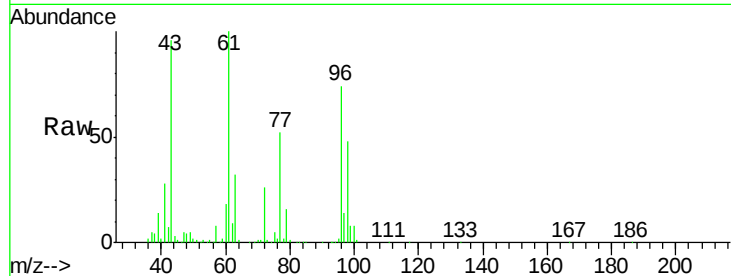
cis-1,2-Dichloroethene
Concen: 51.428 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	416845		
61	136.1	0.0	274.8	
98	64.6	0.0	128.6	

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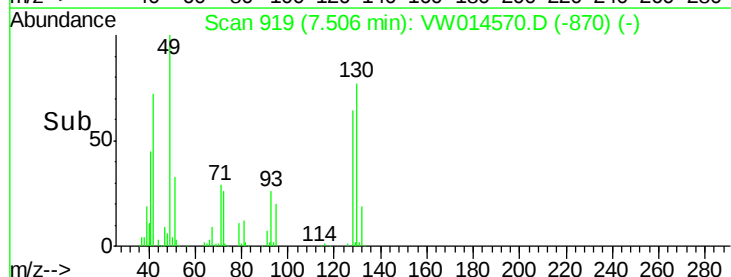
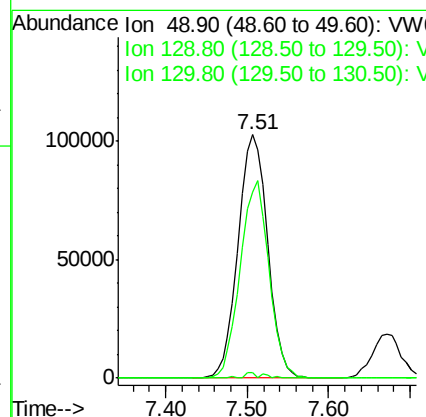
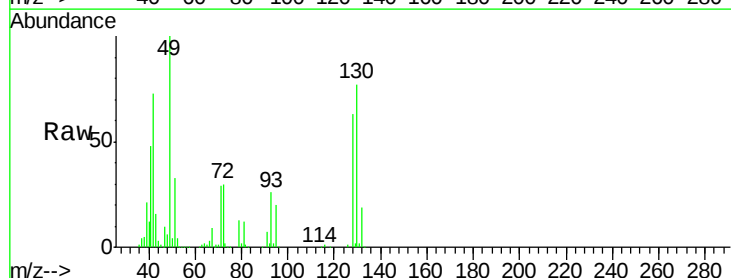
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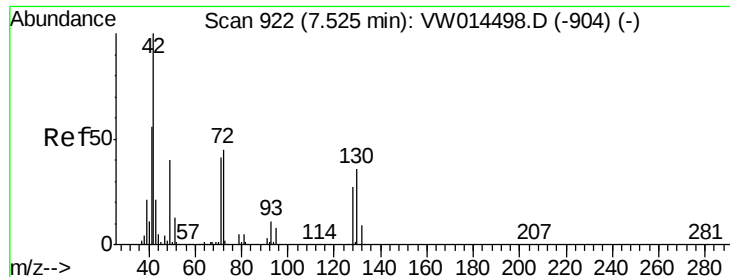


#28

Bromochloromethane
Concen: 50.037 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	257129		
129	0.8	0.0	2.0	
130	79.4	62.5	93.7	





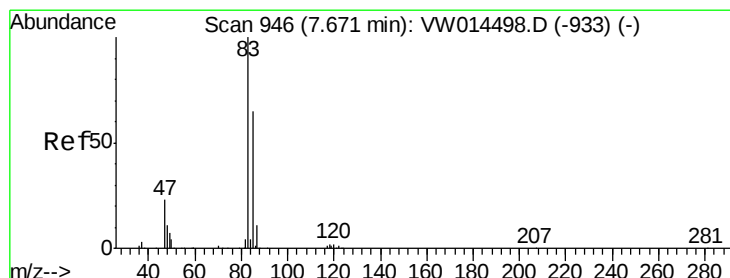
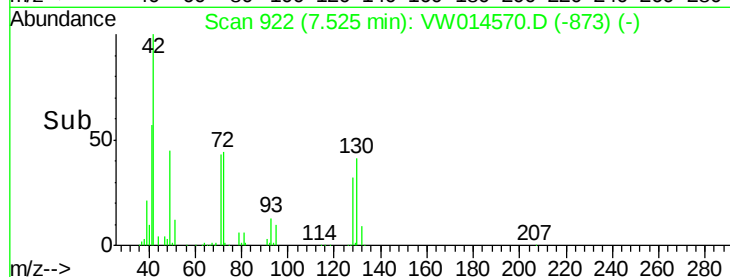
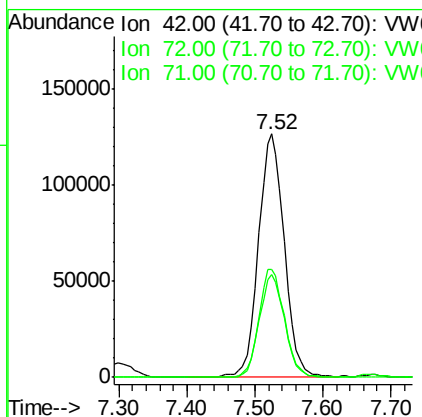
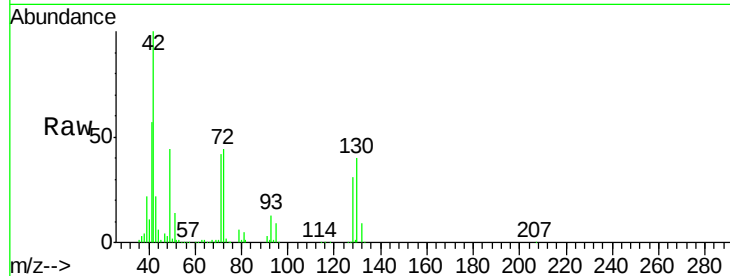
#29
Tetrahydrofuran
Concen: 233.502 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.5	51.7
71	41.4	32.0	48.0

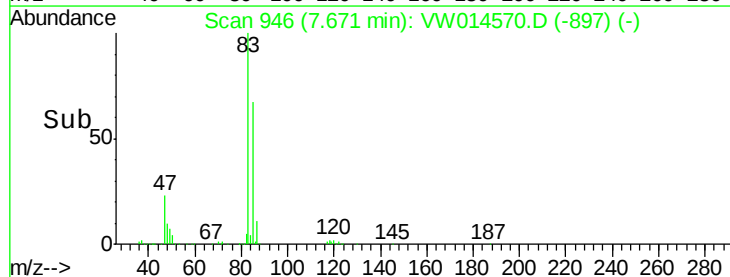
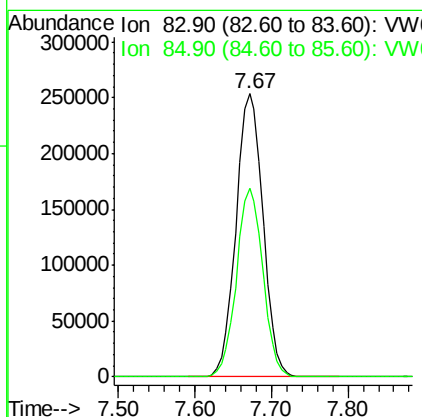
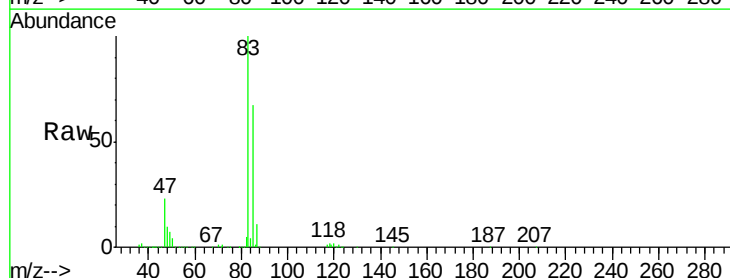
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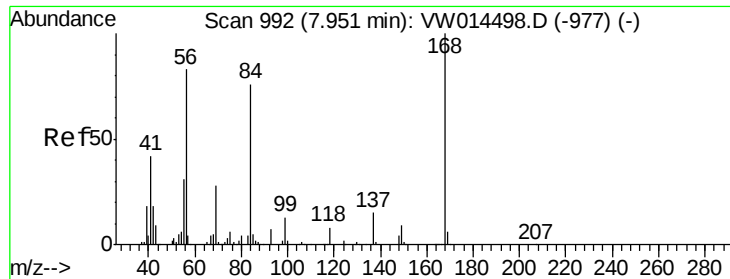
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#30
Chloroform
Concen: 50.489 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.2	78.2





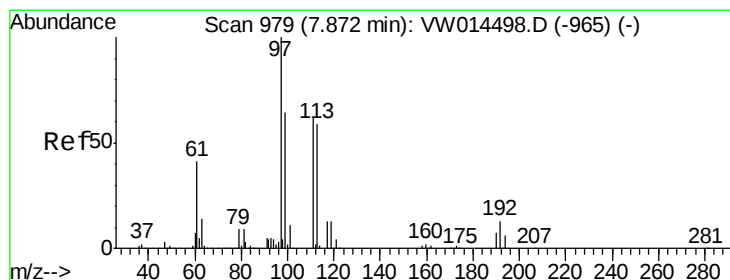
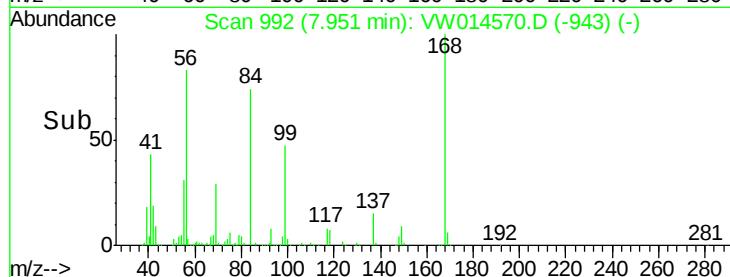
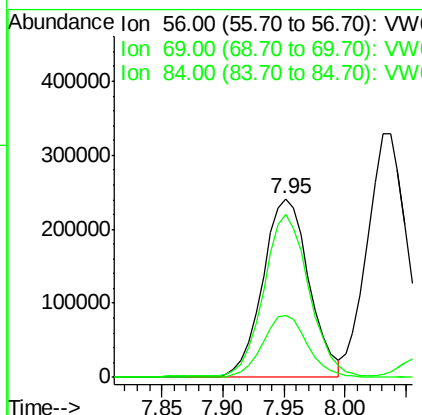
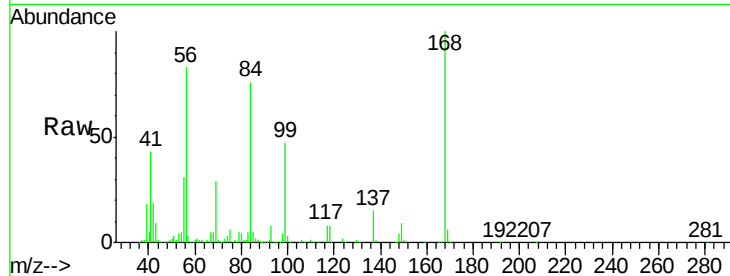
#31
Cyclohexane
Concen: 46.643 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.5	26.8	40.2
84	90.4	71.8	107.6

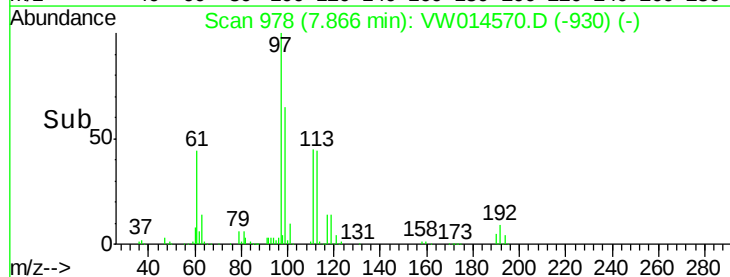
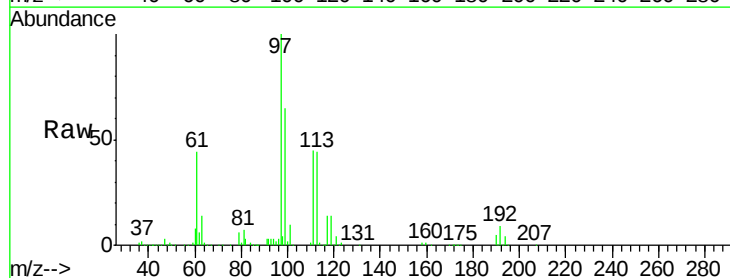
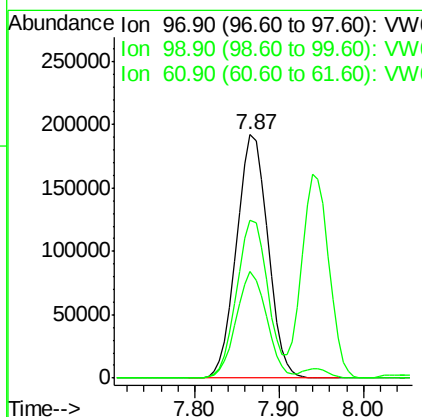
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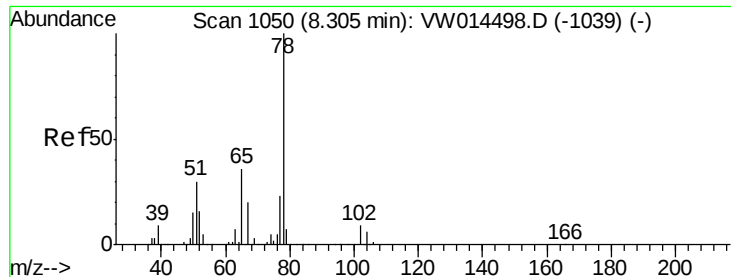
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#32
1,1,1-Trichloroethane
Concen: 49.070 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.8	77.6
61	42.9	33.8	50.8





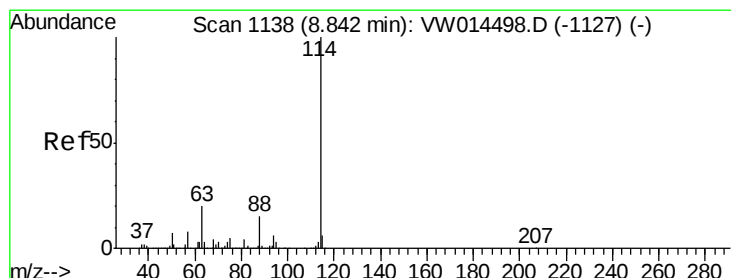
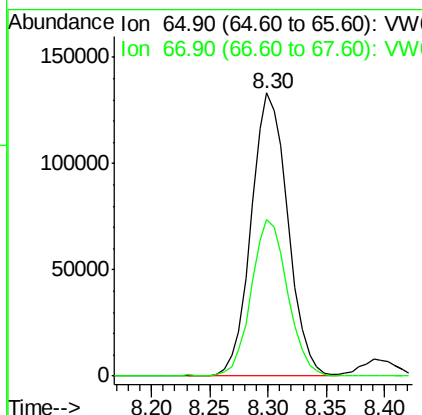
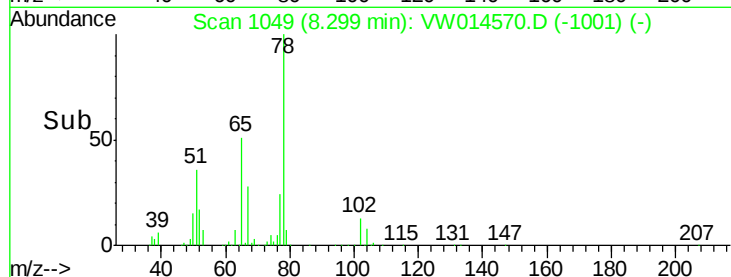
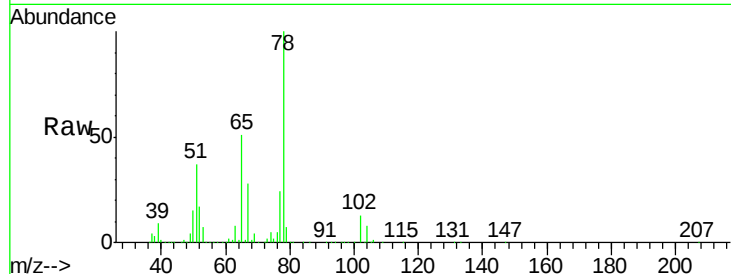
#33
 1,2-Dichloroethane-d4
 Concen: 45.809 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 292382
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4

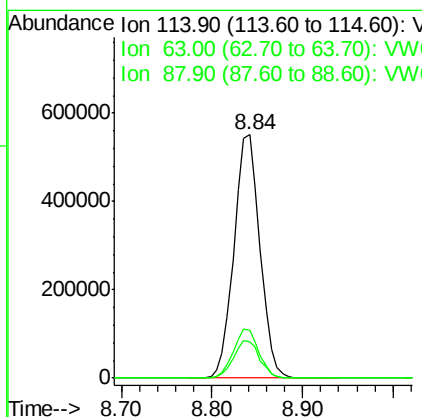
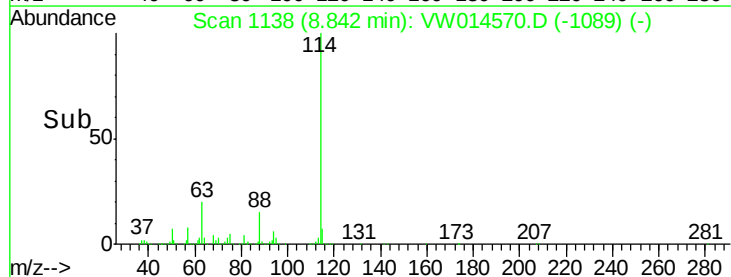
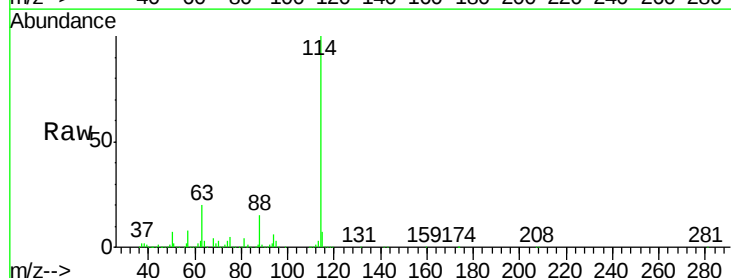
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion: 114 Resp: 1092220
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.4
 88 15.1 0.0 30.6





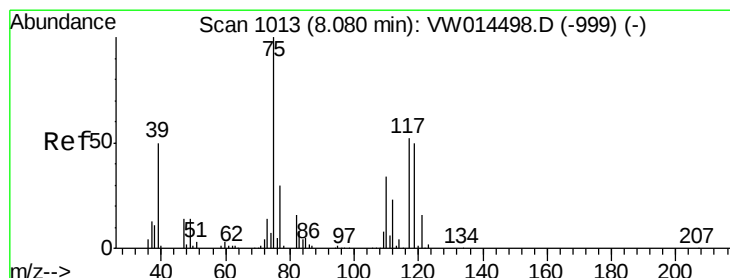
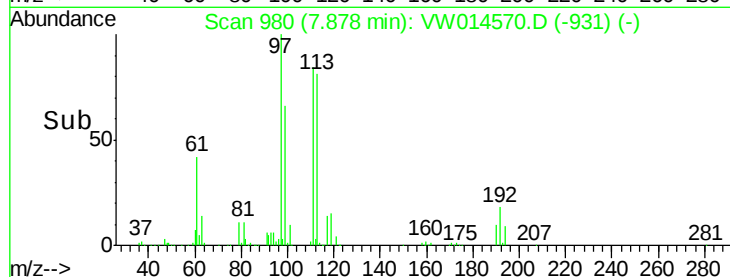
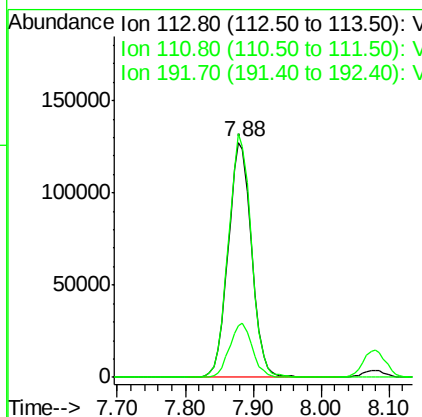
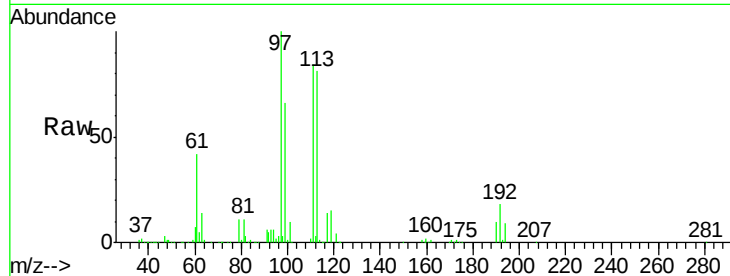
#35
Dibromofluoromethane
Concen: 48.391 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	302069		
111	101.8	81.4	122.2	
192	22.4	17.8	26.8	

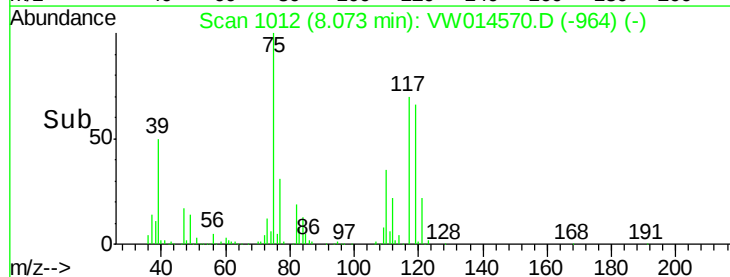
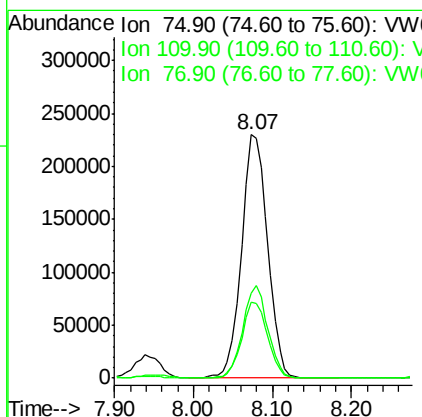
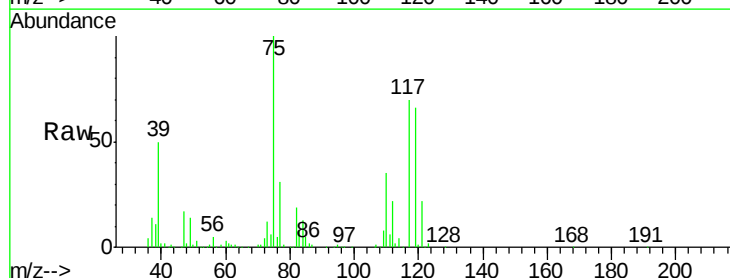
Manual Integrations
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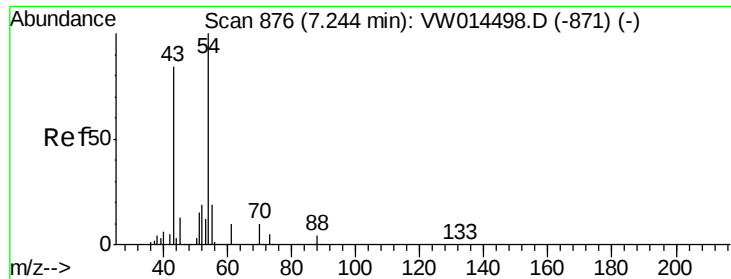
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#36
1,1-Dichloropropene
Concen: 50.091 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	527433		
110	36.4	17.8	53.5	
77	31.1	24.7	37.1	





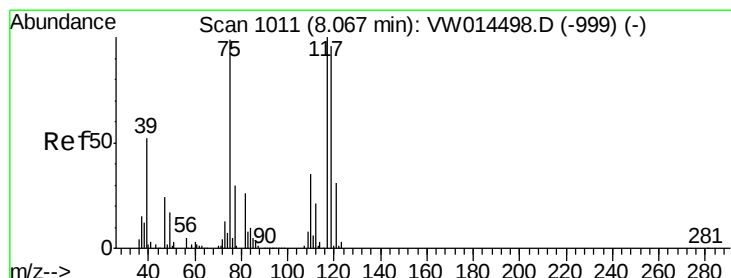
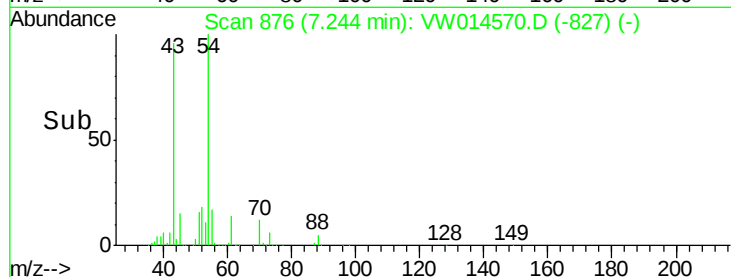
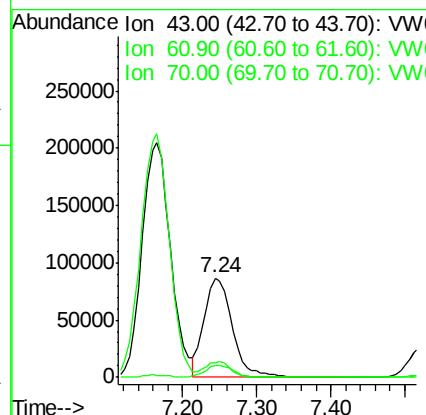
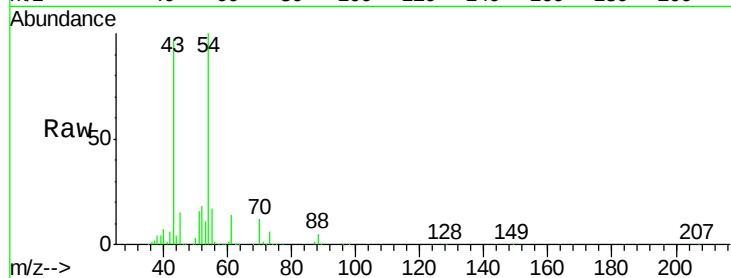
#37
Ethyl Acetate
Concen: 47.064 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.7	17.5
70	11.8	9.0	13.6

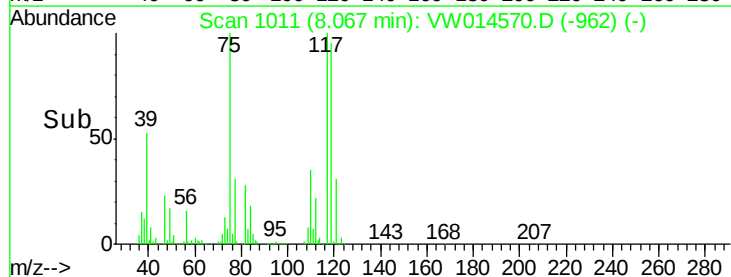
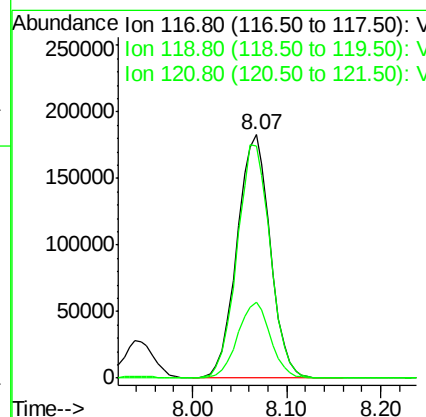
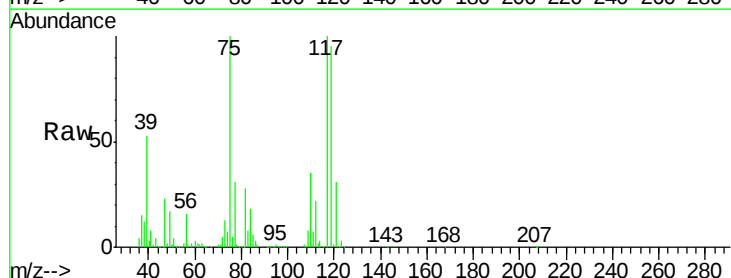
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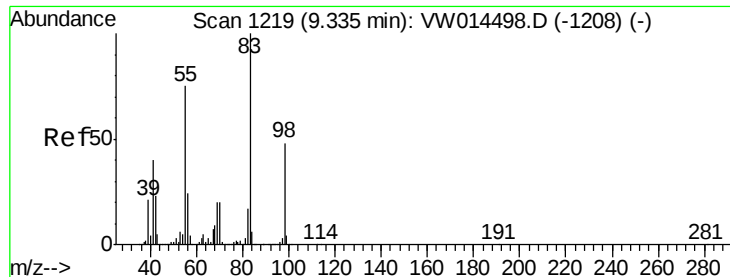
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#38
Carbon Tetrachloride
Concen: 49.038 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.6
121	31.0	24.6	36.8





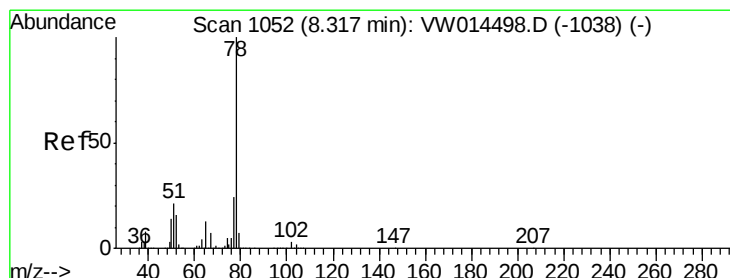
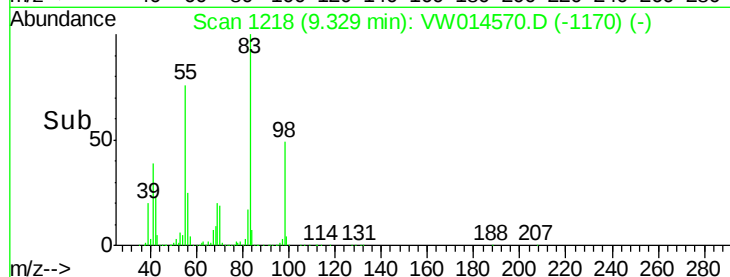
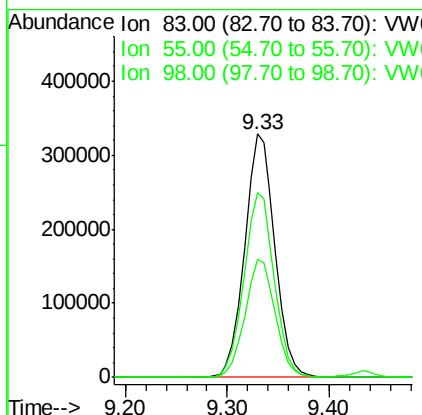
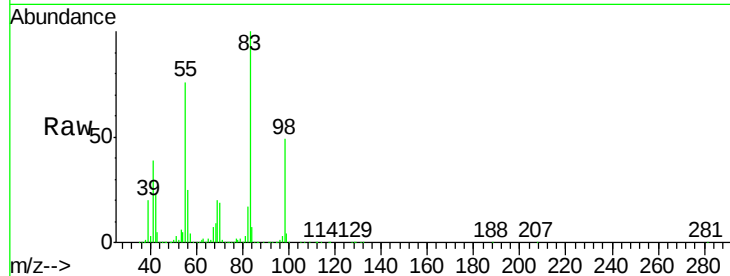
#39
Methylcyclohexane
Concen: 49.756 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.7	60.1	90.1
98	48.6	38.8	58.2

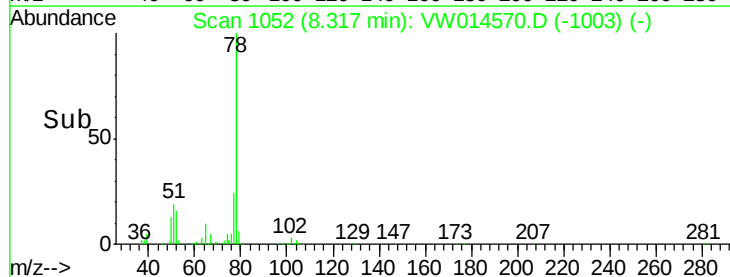
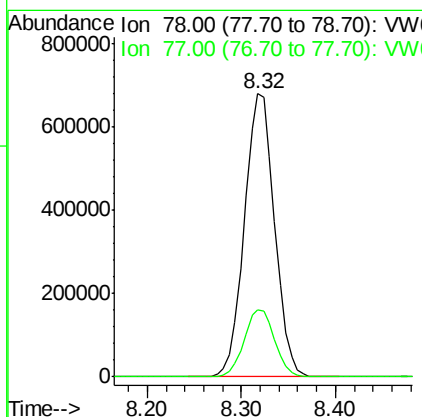
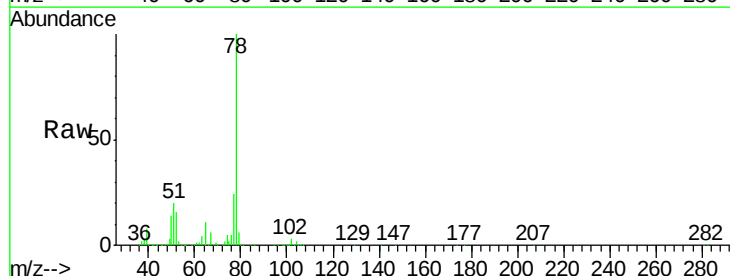
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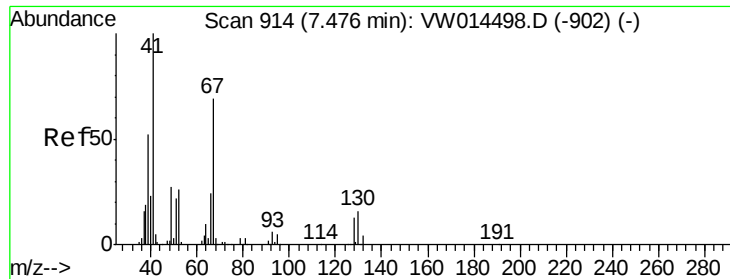
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#40
Benzene
Concen: 51.009 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





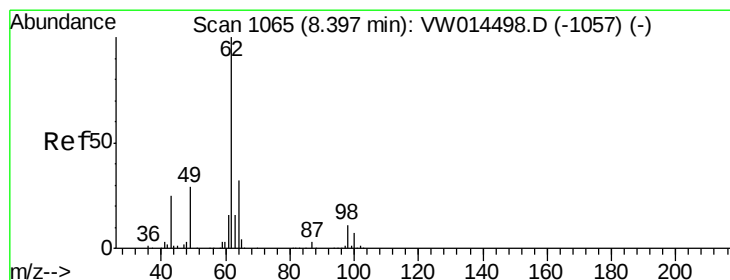
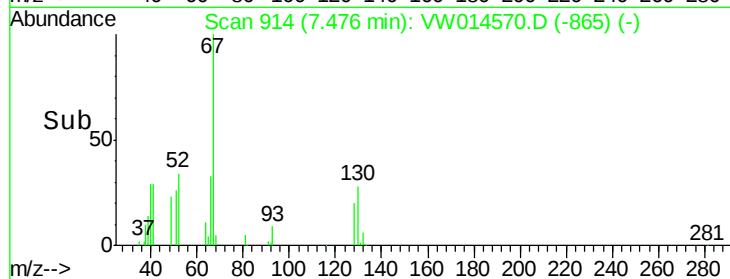
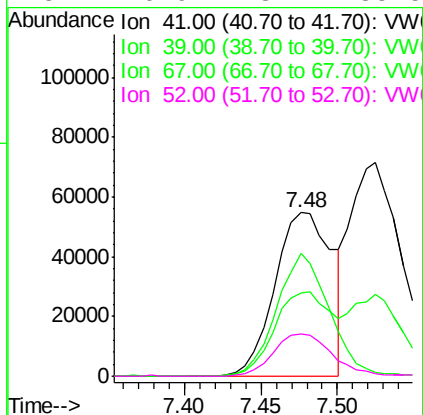
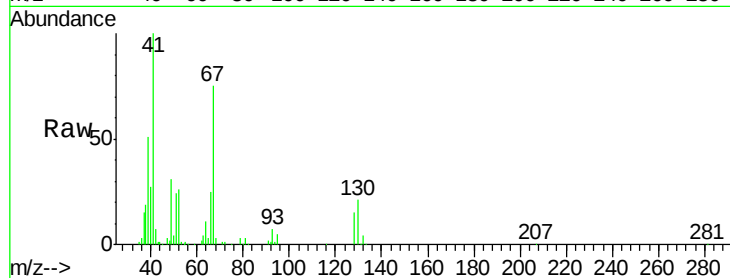
#41
Methacrylonitrile
Concen: 53.630 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	51.6	46.0	69.0
67	68.9	60.8	91.2
52	26.9	23.7	35.5

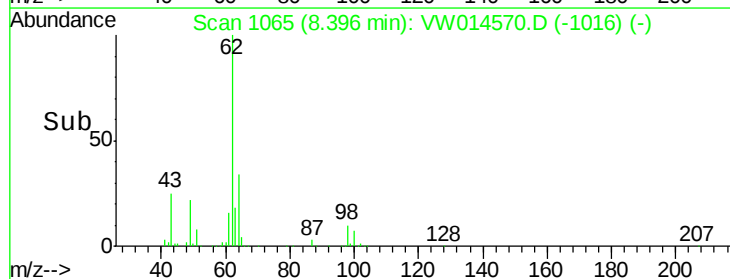
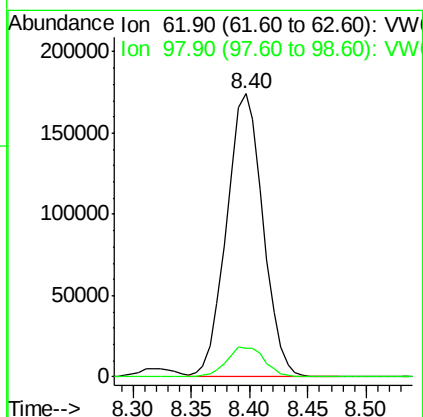
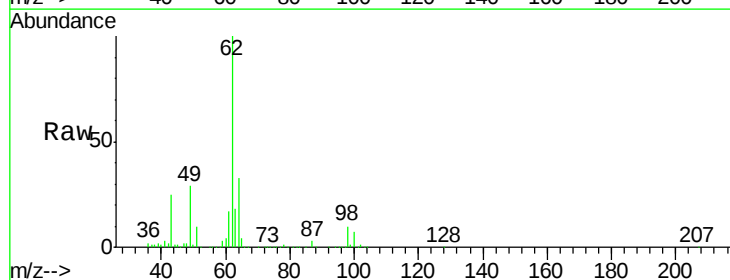
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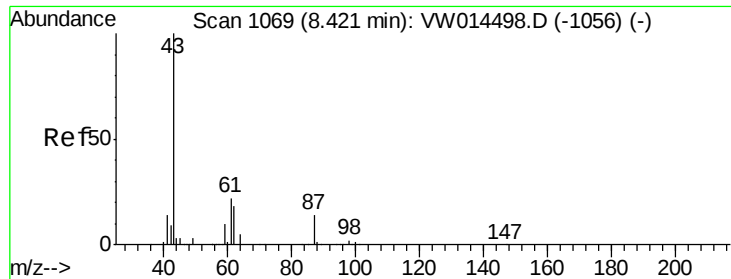
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#42
1,2-Dichloroethane
Concen: 48.985 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.0





#43

Isopropyl Acetate

Concen: 49.515 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

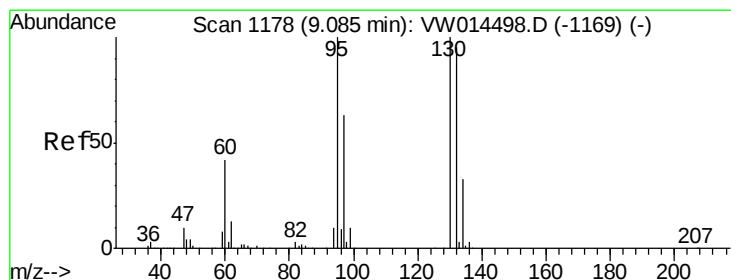
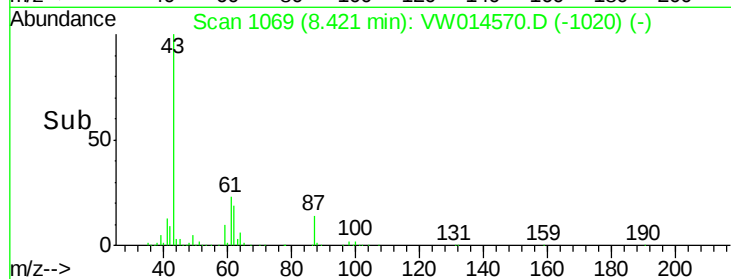
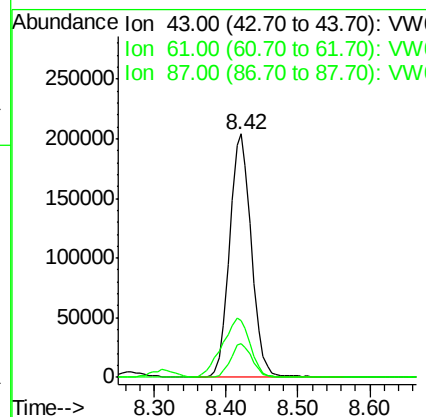
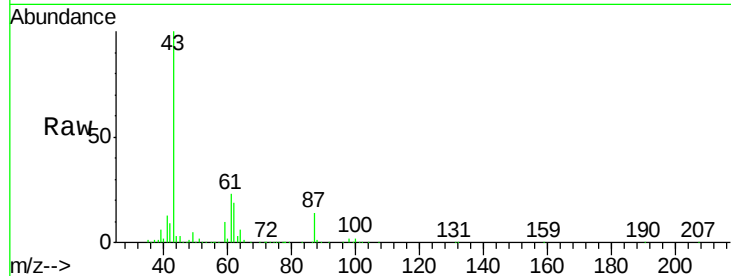
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	429381
Ion Ratio	Lower	Upper	
43	100		
61	31.0	24.7	37.1
87	13.8	11.1	16.7

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#44

Trichloroethene

Concen: 51.368 ug/l

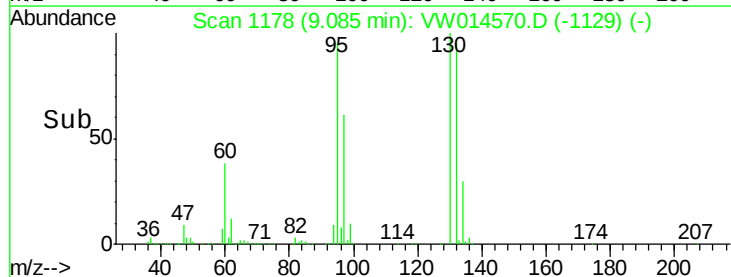
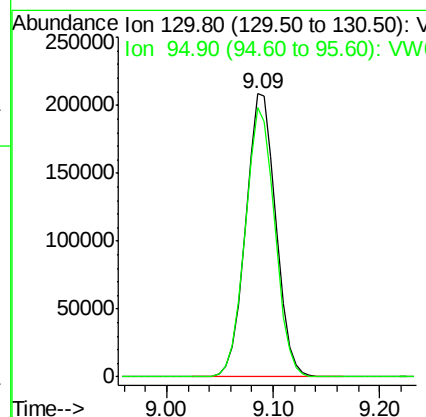
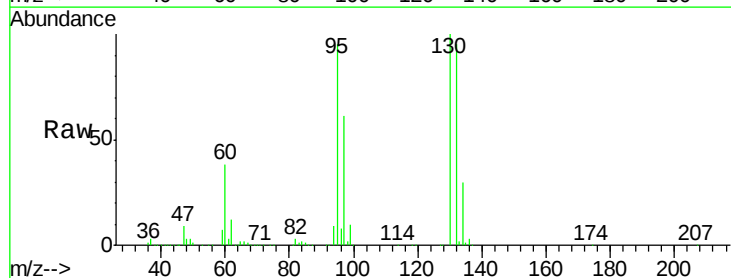
RT: 9.09 min Scan# 1178

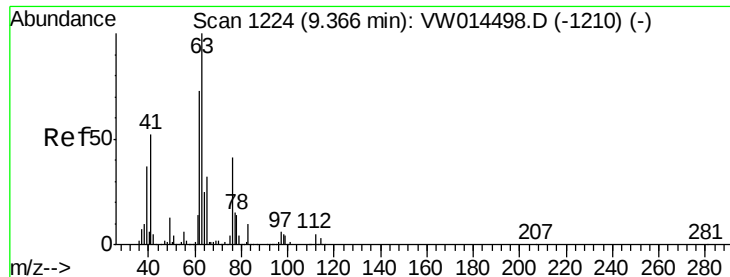
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	130	Resp:	414101
Ion Ratio	Lower	Upper	
130	100		
95	95.0	0.0	199.4





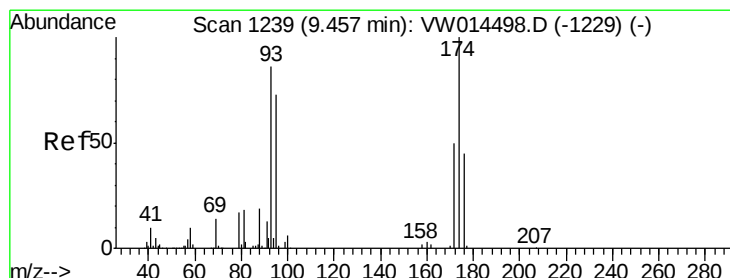
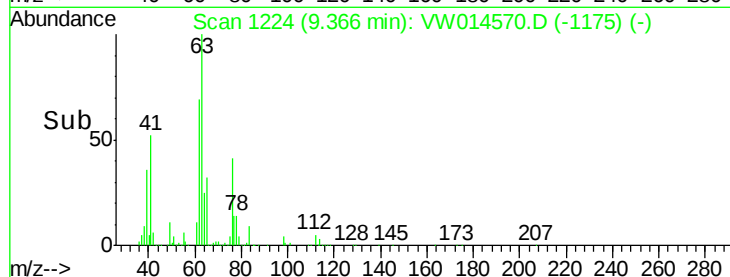
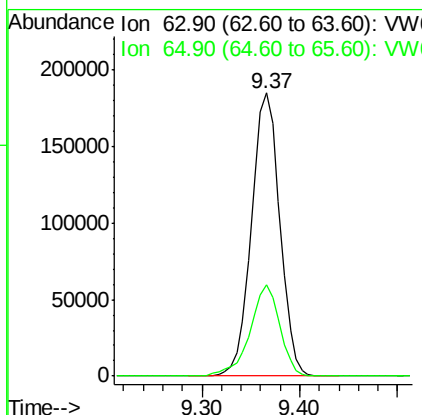
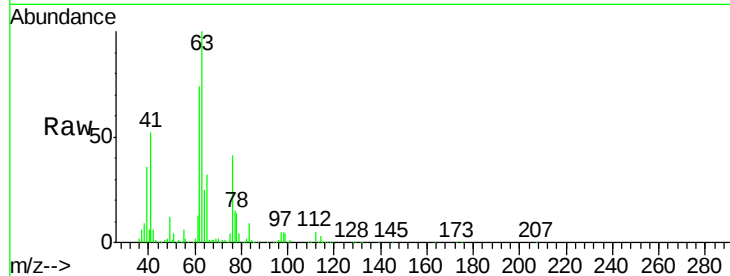
#45
1,2-Dichloropropane
Concen: 50.962 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 372560
Ion Ratio Lower Upper
63 100
65 32.4 25.6 38.4

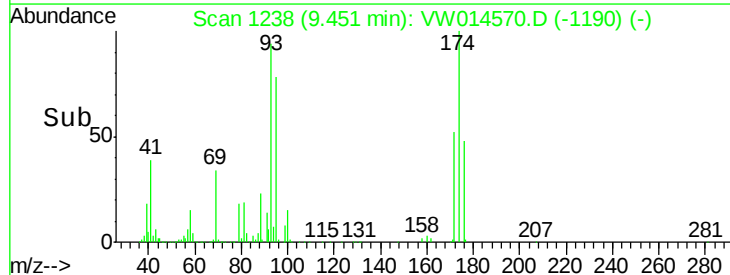
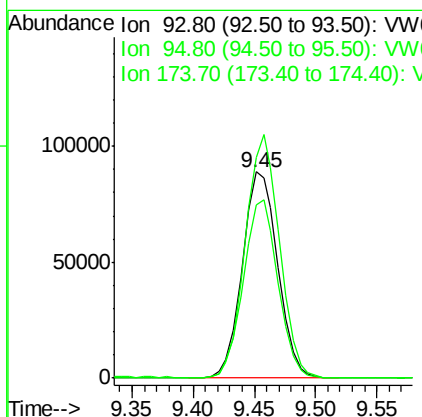
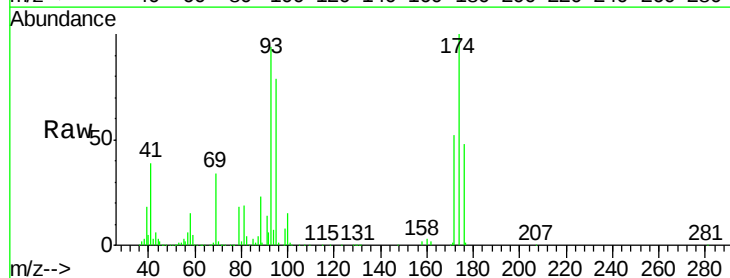
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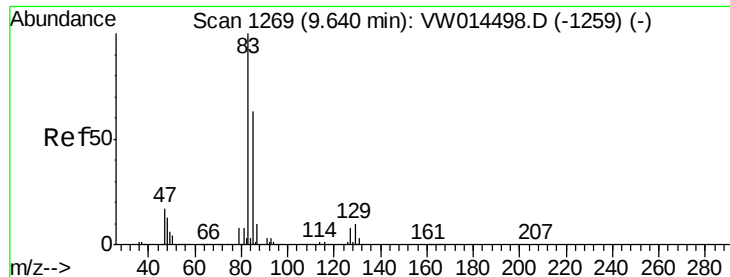
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#46
Dibromomethane
Concen: 49.582 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 93 Resp: 178943
Ion Ratio Lower Upper
93 100
95 84.4 66.4 99.6
174 114.3 89.1 133.7





#47

Bromodichloromethane

Concen: 50.863 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

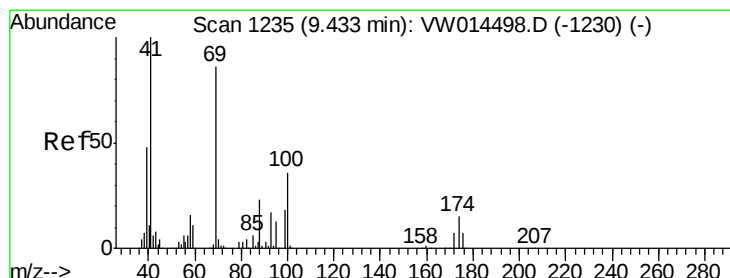
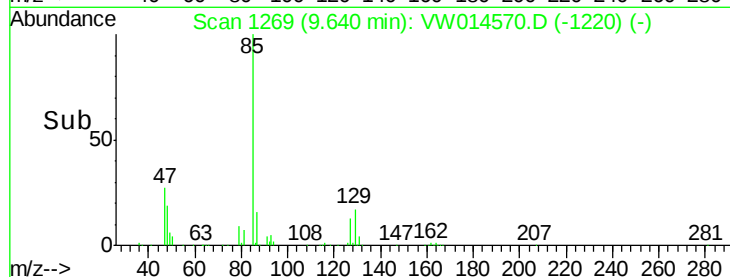
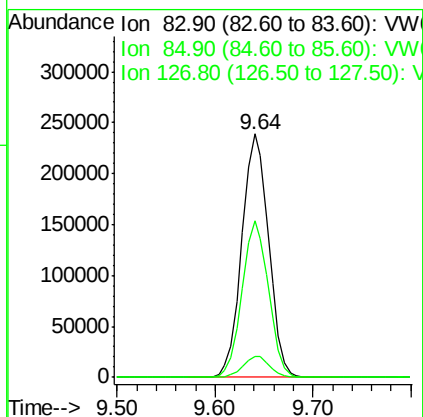
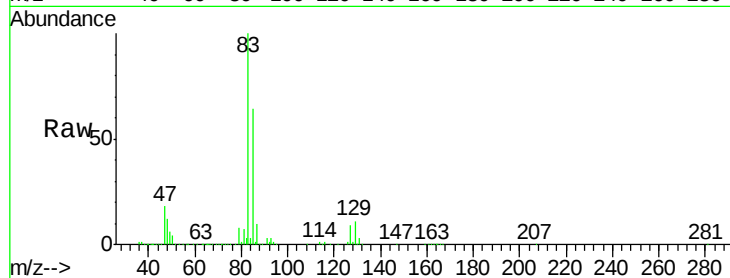
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	453197
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.6	76.0
127	8.6	6.6	9.8

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#48

Methyl methacrylate

Concen: 49.720 ug/l

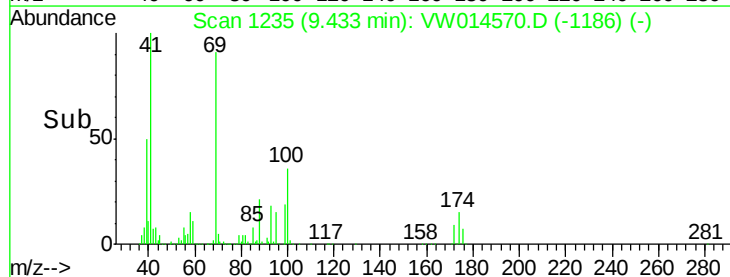
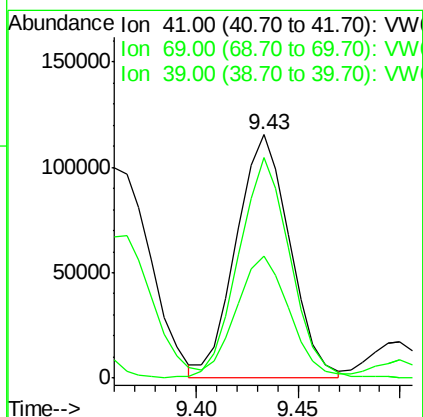
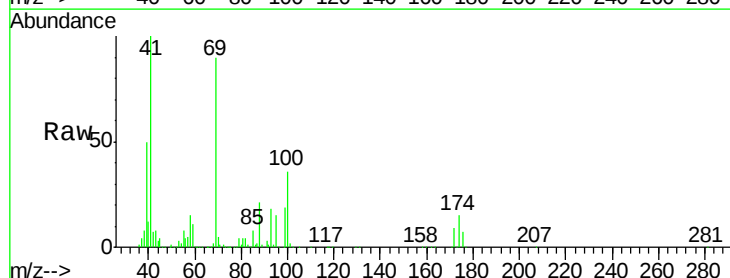
RT: 9.43 min Scan# 1235

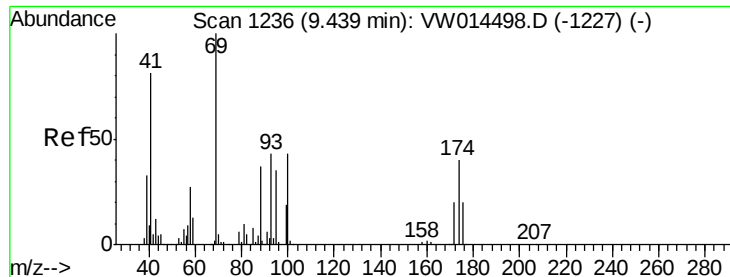
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	41	Resp:	210510
Ion	Ratio	Lower	Upper
41	100		
69	87.4	68.3	102.5
39	45.8	36.8	55.2





#49

1,4-Dioxane

Concen: 901.126 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

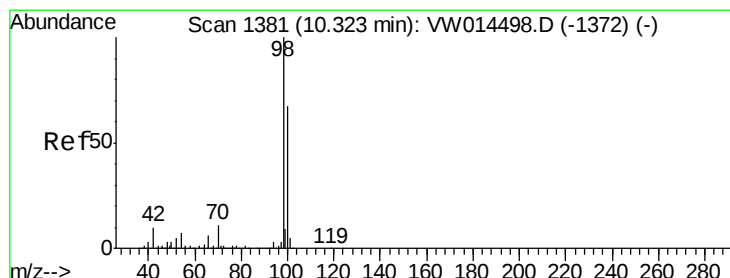
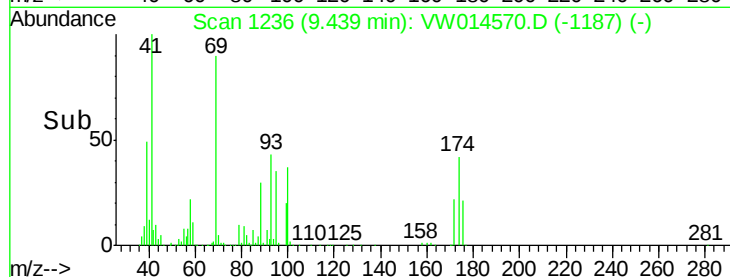
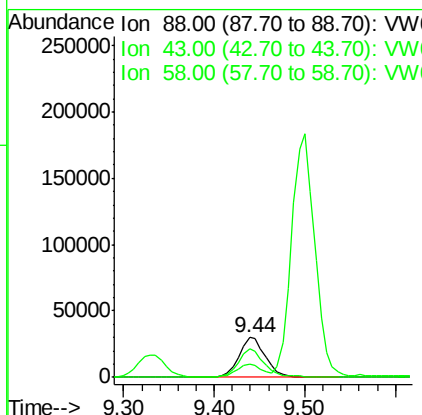
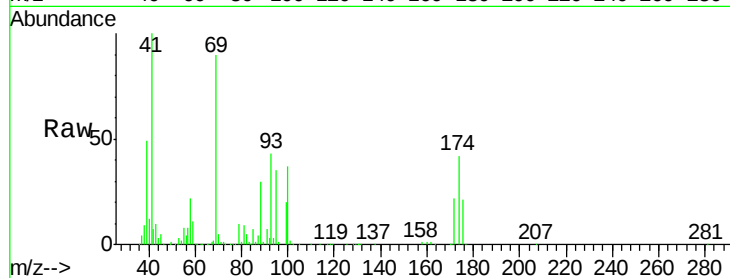
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	60827
Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.9	37.3
58	71.3	56.9	85.3

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#50

Toluene-d8

Concen: 48.008 ug/l

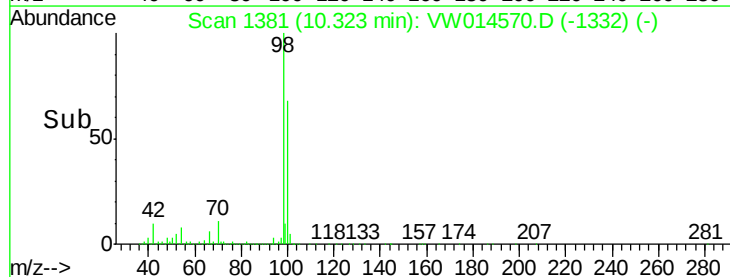
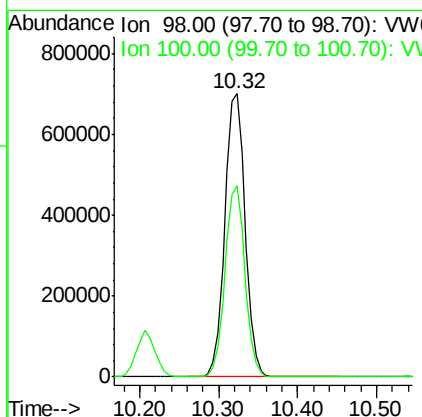
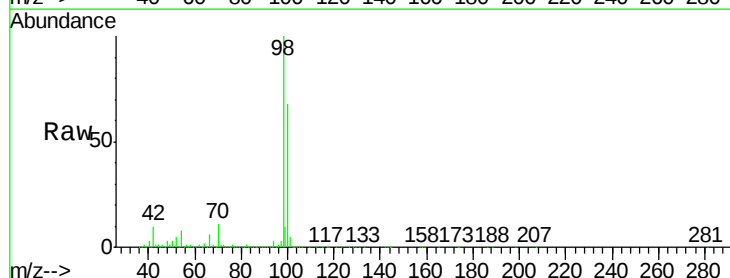
RT: 10.32 min Scan# 1381

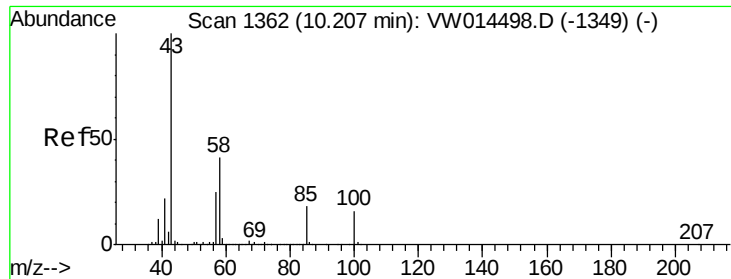
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	98	Resp:	1250636
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 244.584 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1101420

Ion Ratio Lower Upper

43 100

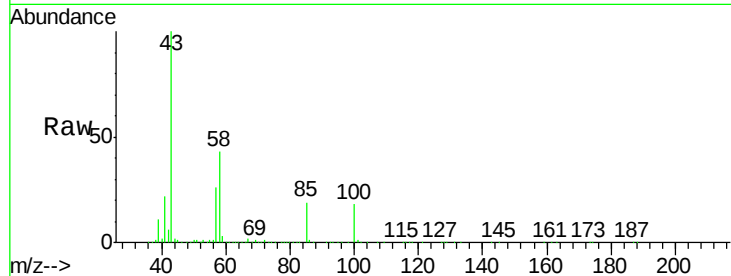
58 41.6 32.7 49.1

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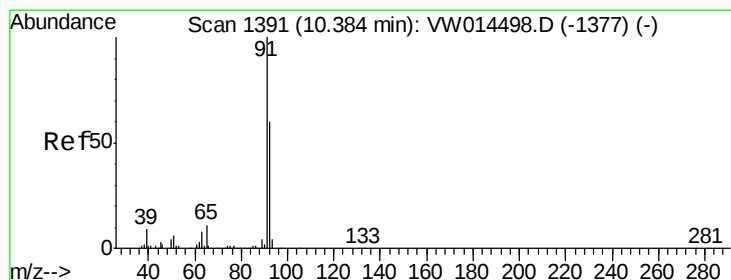
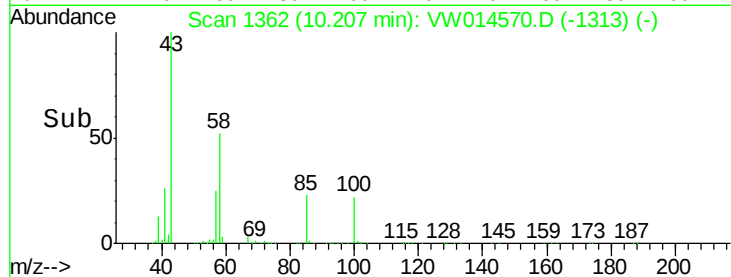
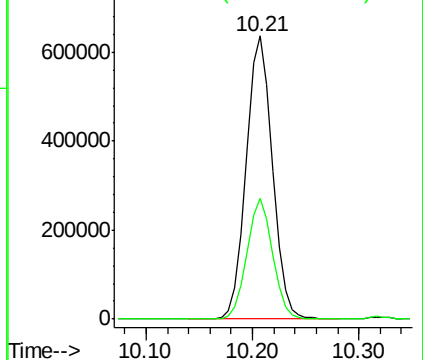
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 51.492 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014570.D

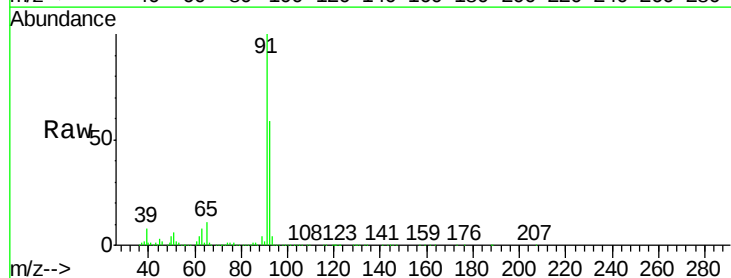
Acq: 08 Jan 2020 19:52

Tgt Ion: 92 Resp: 965085

Ion Ratio Lower Upper

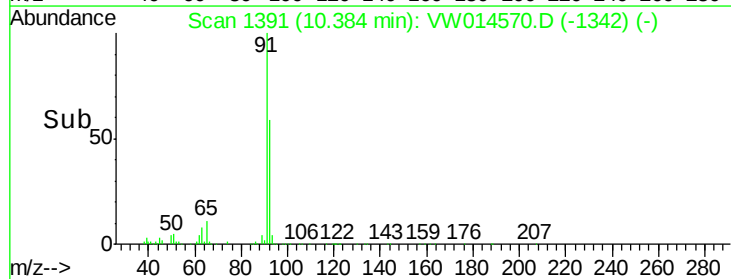
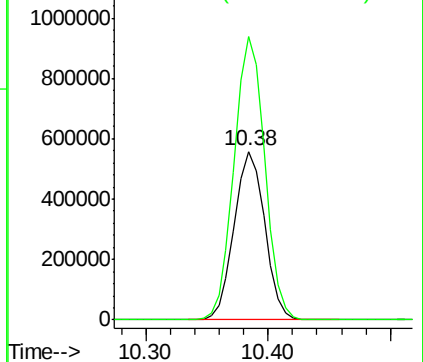
92 100

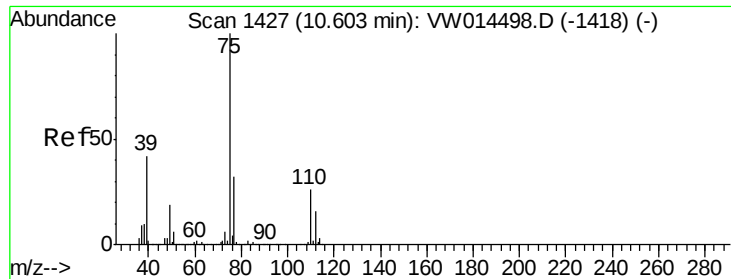
91 168.7 134.1 201.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





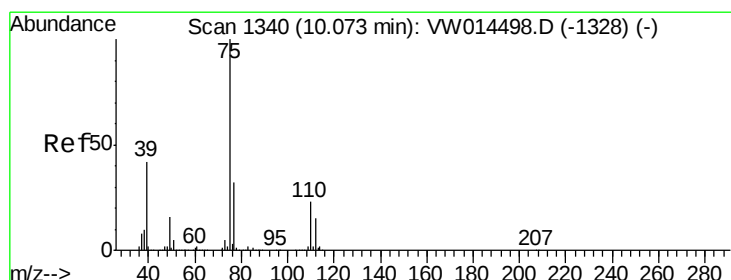
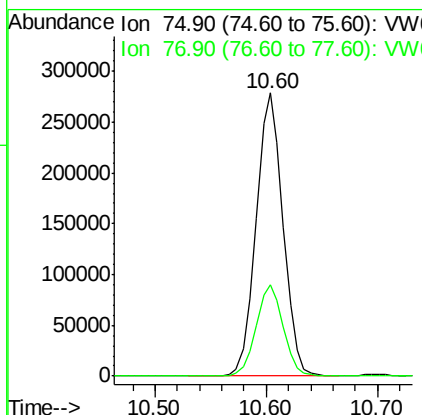
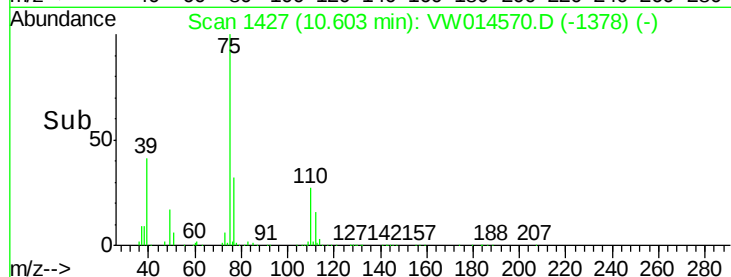
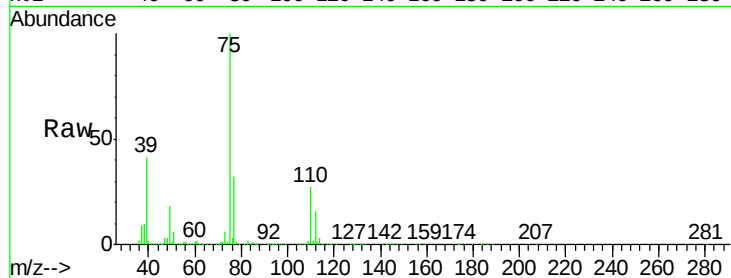
#53
t-1,3-Dichloropropene
Concen: 50.767 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 468353
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

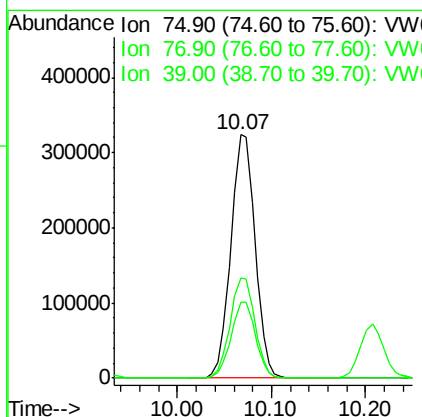
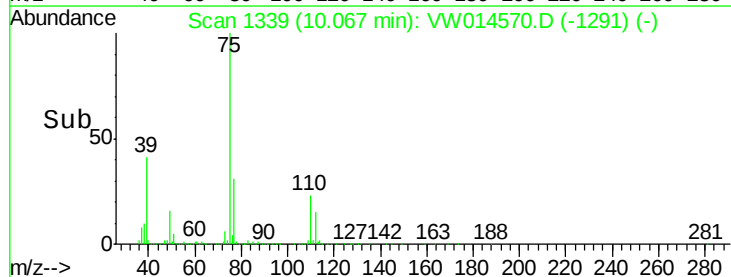
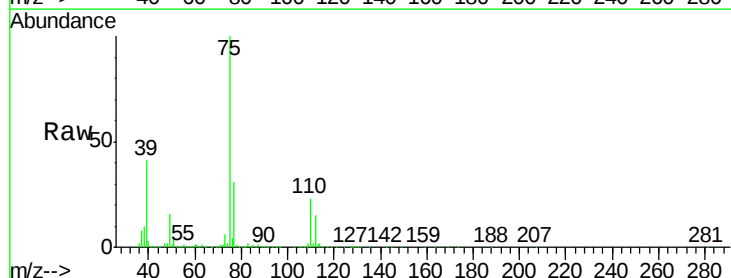
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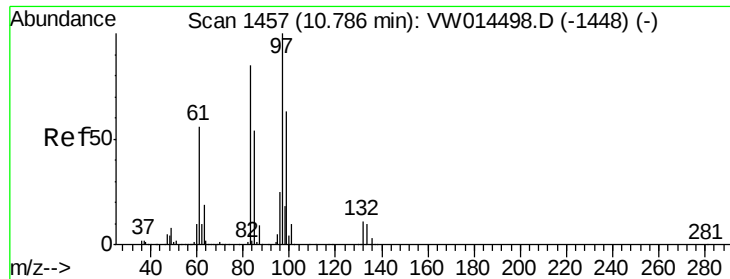
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#54
cis-1,3-Dichloropropene
Concen: 51.550 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 75 Resp: 581235
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 41.0 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 50.284 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

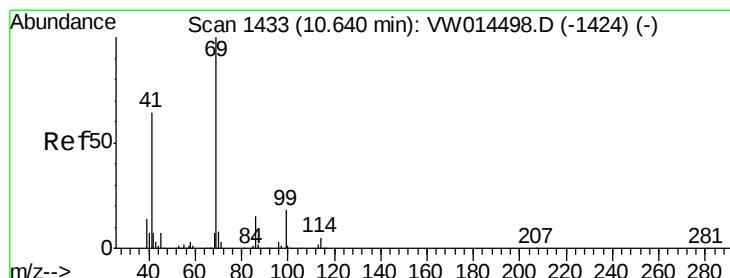
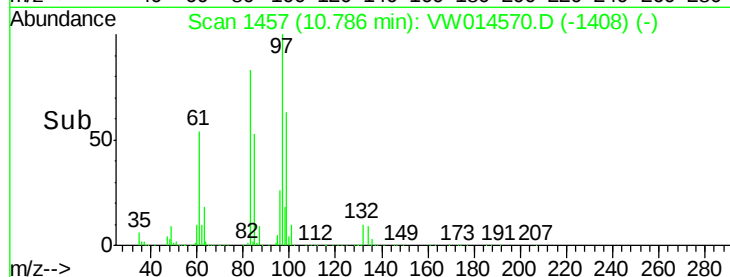
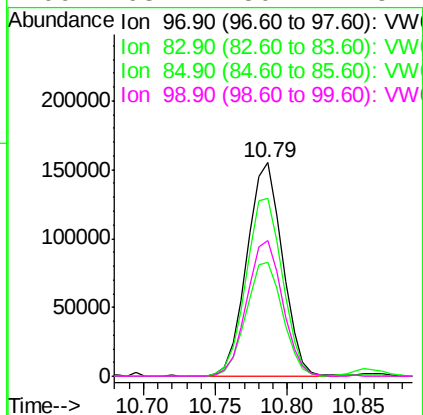
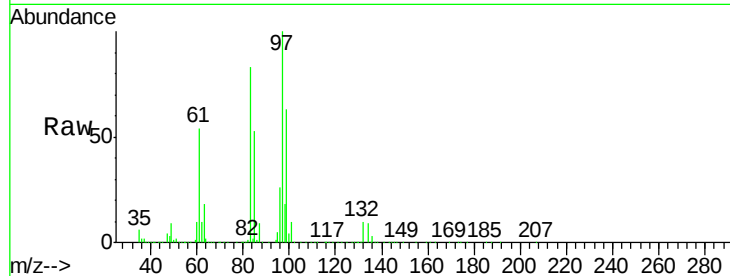
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	97	Resp:	265040
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.2	102.4
85	53.5	43.0	64.4
99	63.2	50.1	75.1

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#56

Ethyl methacrylate

Concen: 52.941 ug/l

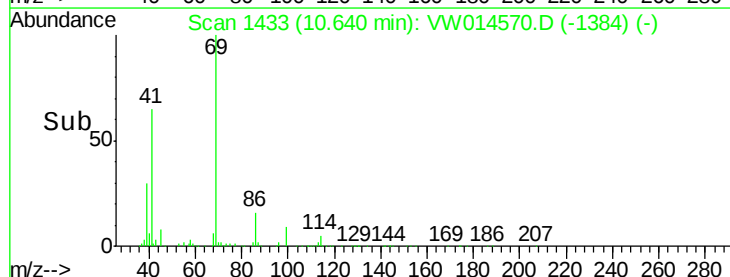
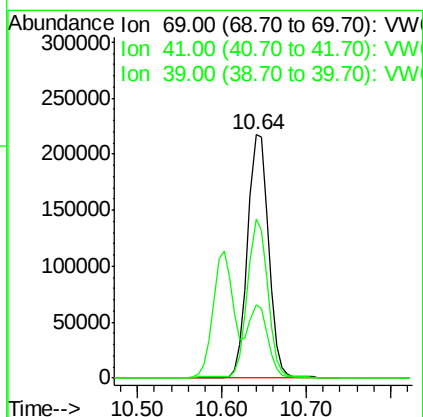
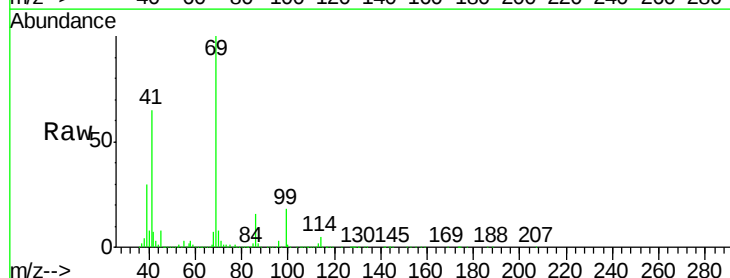
RT: 10.64 min Scan# 1433

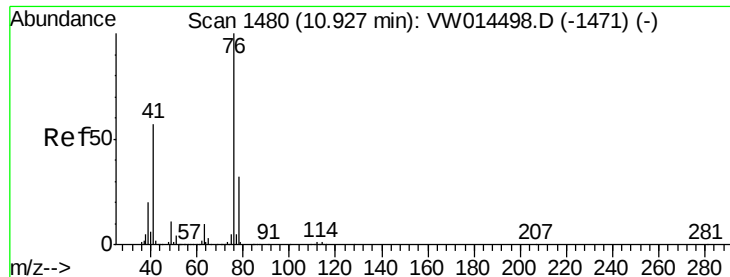
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	69	Resp:	362647
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.3	76.9
39	25.5	21.0	31.6





#57

1,3-Dichloropropane

Concen: 50.363 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 466555

Ion Ratio Lower Upper

76 100

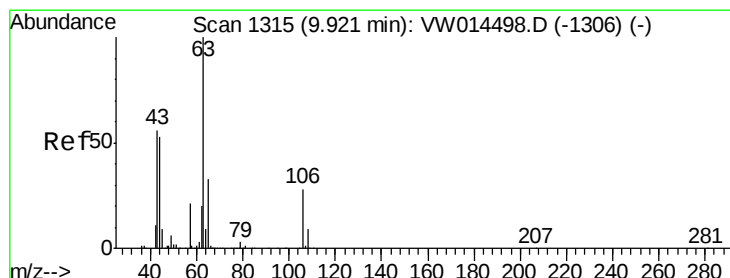
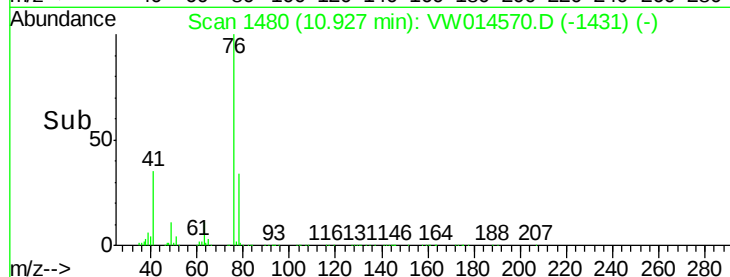
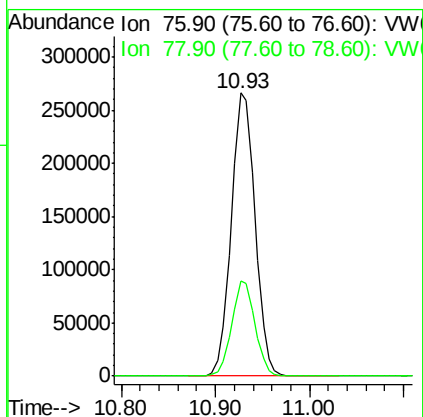
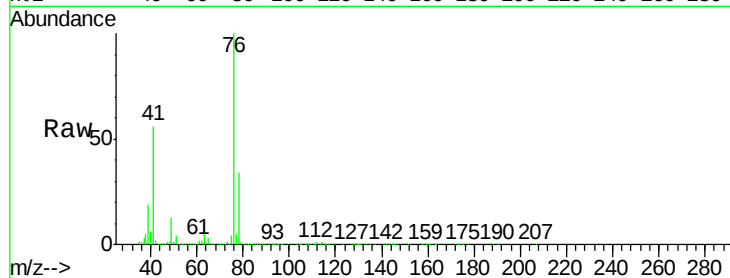
78 32.9 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 260.087 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014570.D

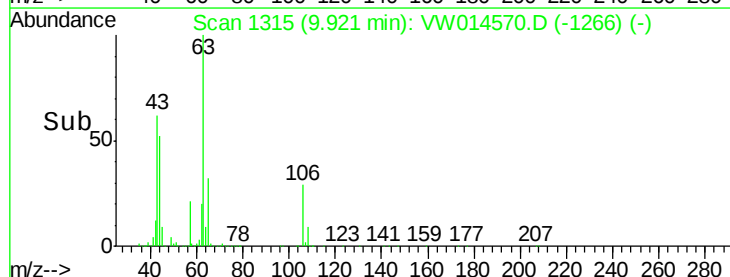
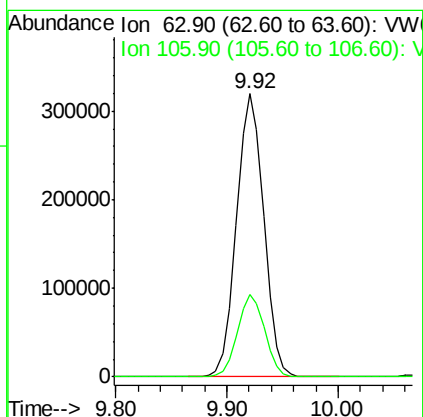
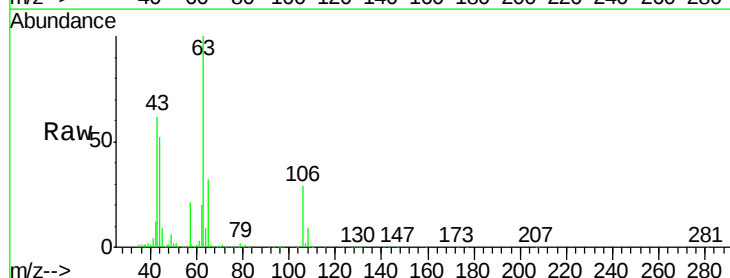
Acq: 08 Jan 2020 19:52

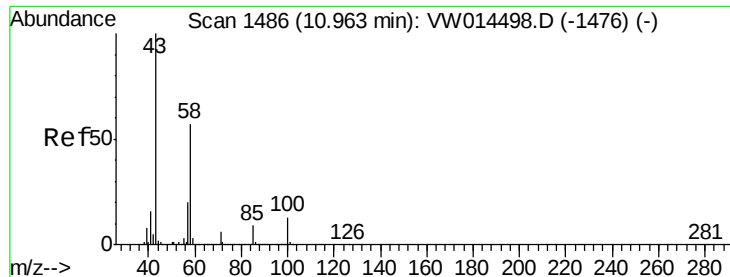
Tgt Ion: 63 Resp: 541845

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.6





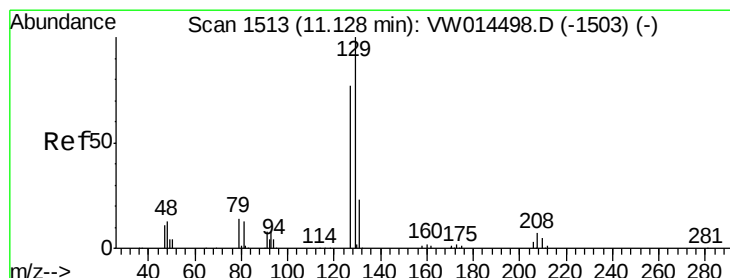
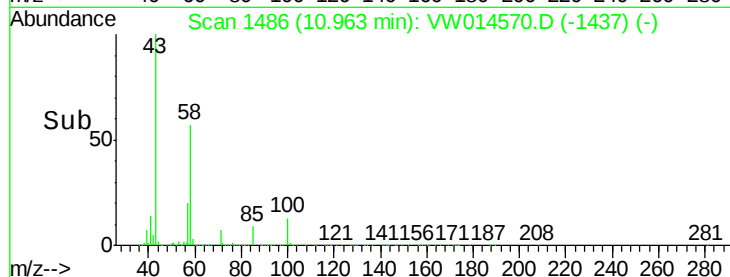
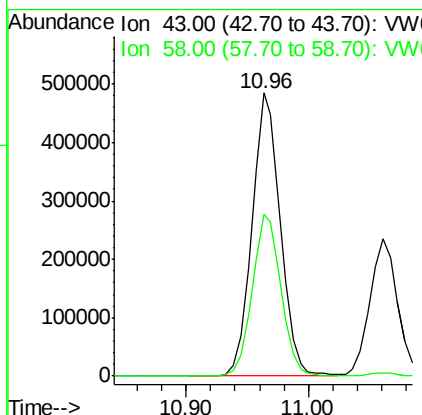
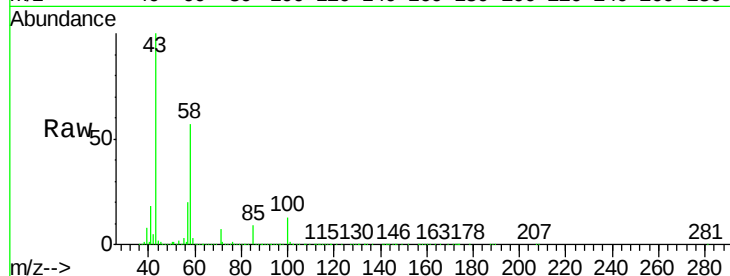
#59
2-Hexanone
Concen: 251.281 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 779757
Ion Ratio Lower Upper
43 100
58 58.1 28.7 86.3

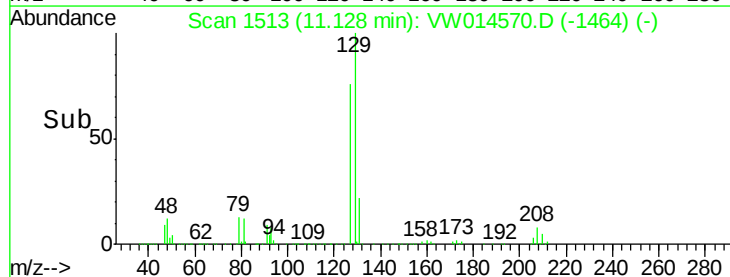
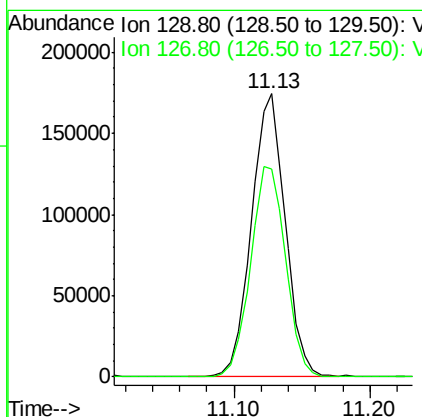
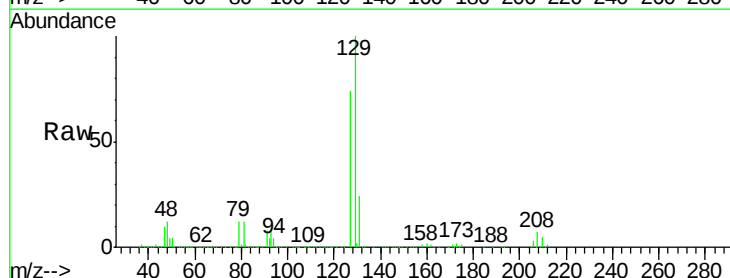
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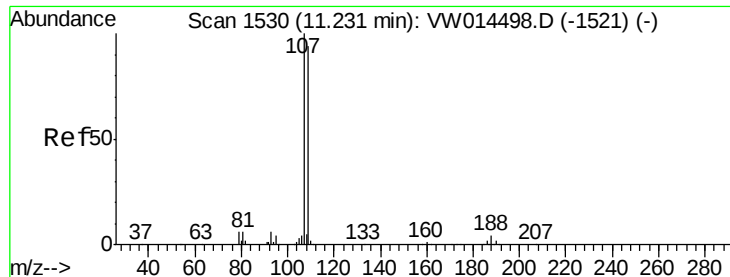
apatel
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#60
Dibromochloromethane
Concen: 50.711 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 129 Resp: 301583
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 50.151 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 250920

Ion Ratio Lower Upper

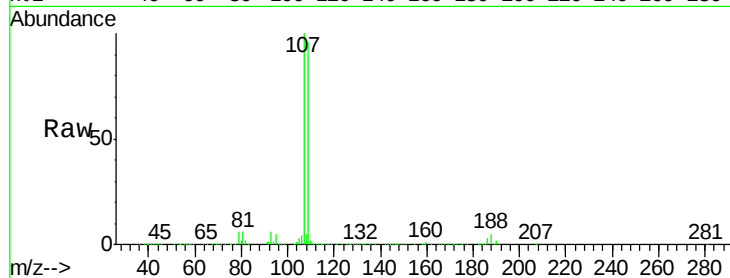
107 100

109 93.1 75.1 112.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

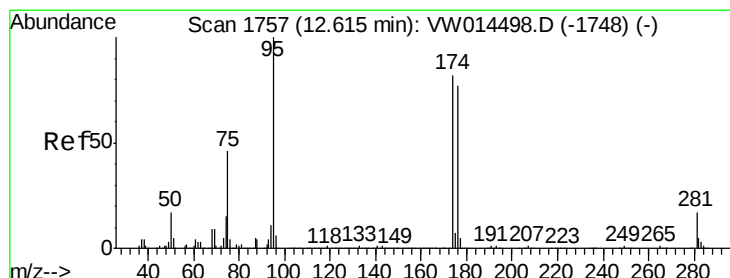
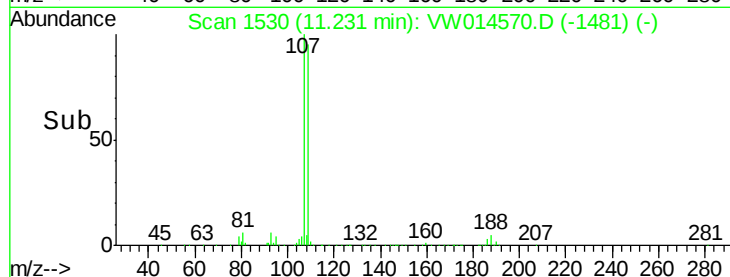
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.617 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

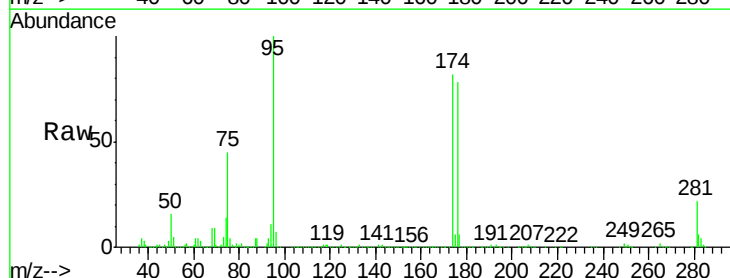
Tgt Ion: 95 Resp: 429578

Ion Ratio Lower Upper

95 100

174 85.0 0.0 168.6

176 82.3 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

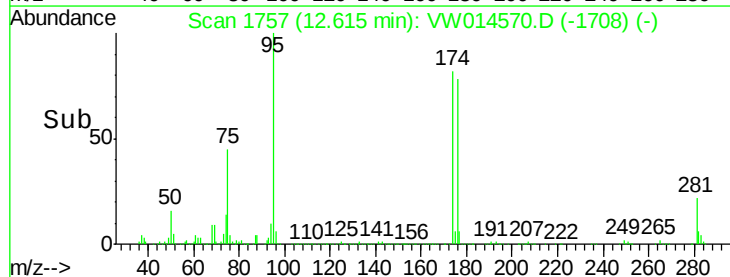
300000

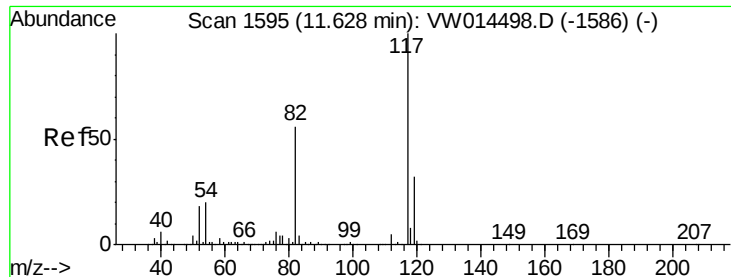
200000

100000

0

Time-->





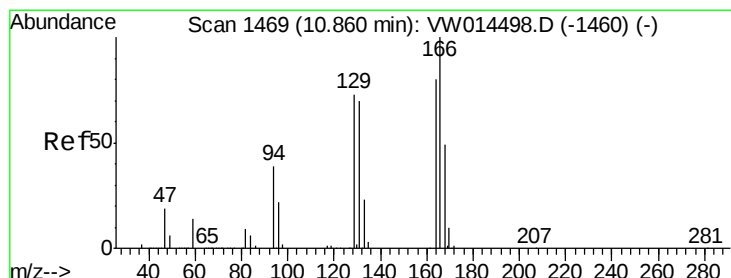
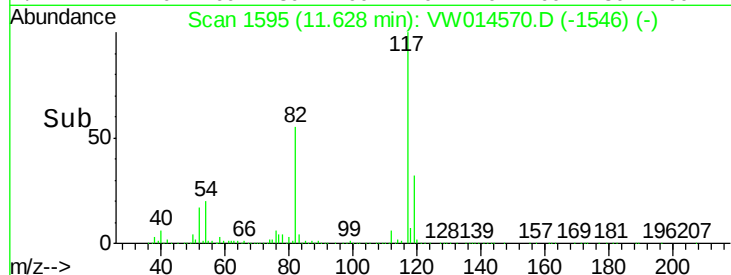
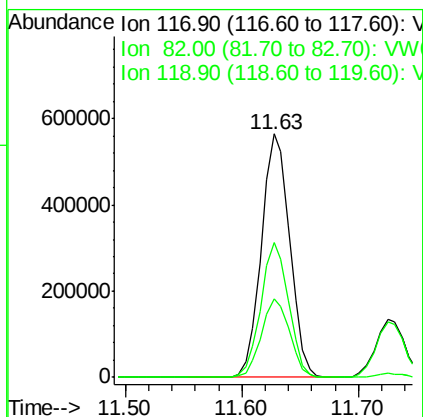
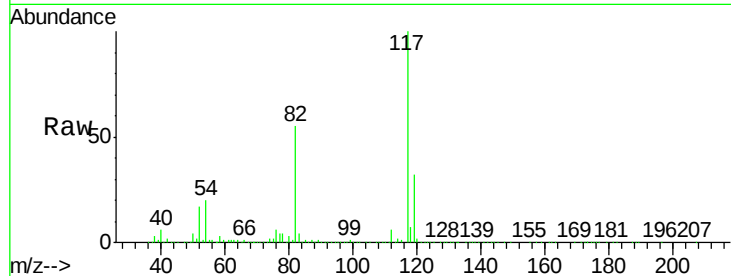
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	946801		
82	55.3	44.6	67.0	
119	32.4	25.7	38.5	

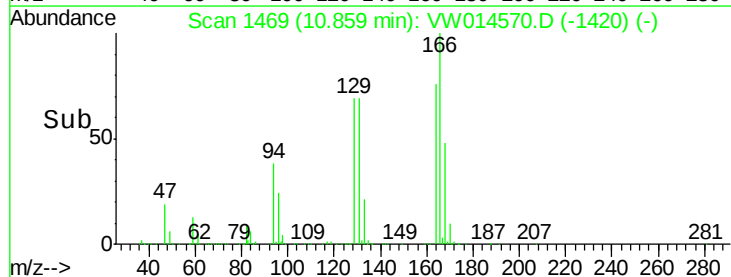
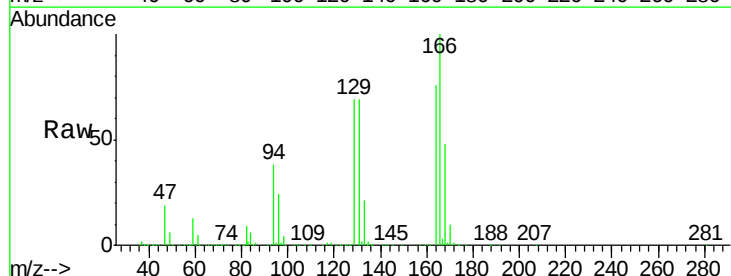
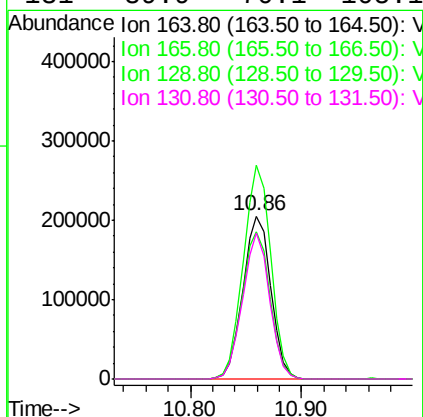
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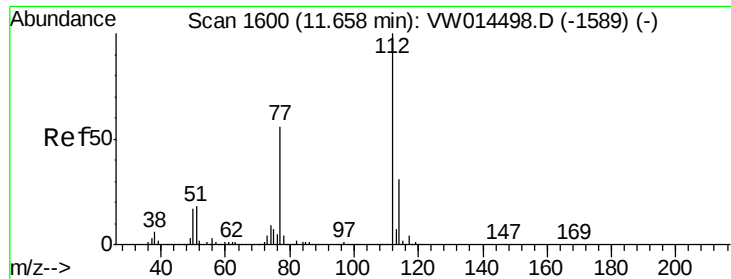
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#64
Tetrachloroethene
Concen: 52.047 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	356755		
166	131.0	99.8	149.6	
129	90.1	72.4	108.6	
131	89.9	70.1	105.1	





#65

Chlorobenzene

Concen: 51.411 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 997223

Ion Ratio Lower Upper

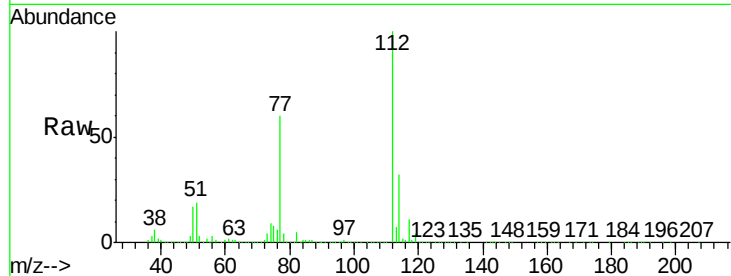
112 100

114 31.6 24.6 37.0

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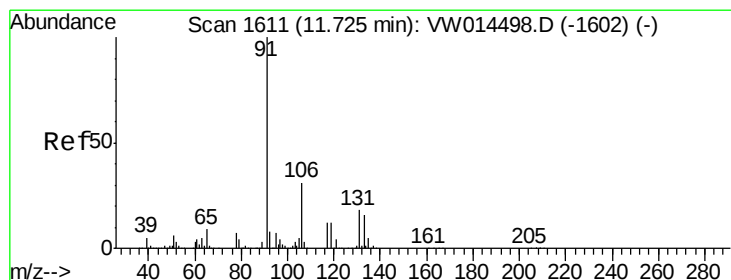
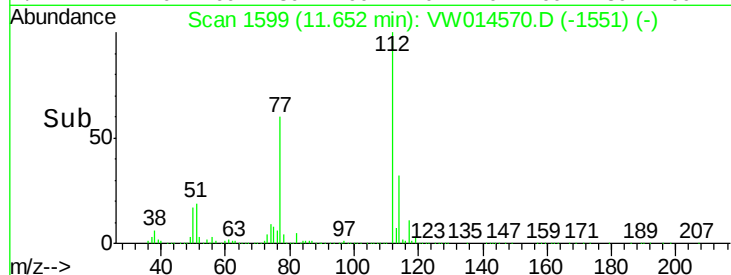
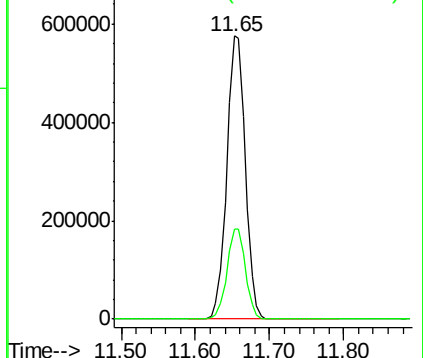
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.069 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

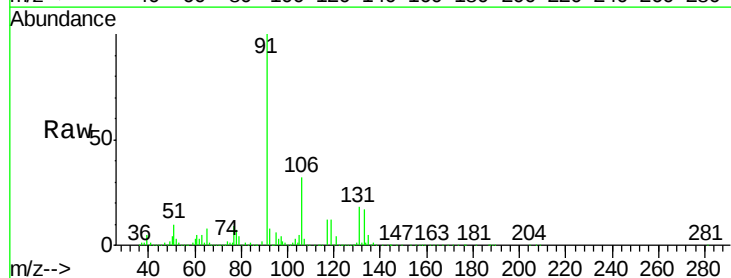
Tgt Ion:131 Resp: 340059

Ion Ratio Lower Upper

131 100

133 94.9 47.3 142.0

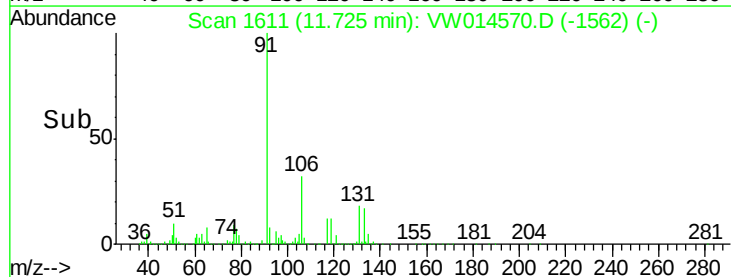
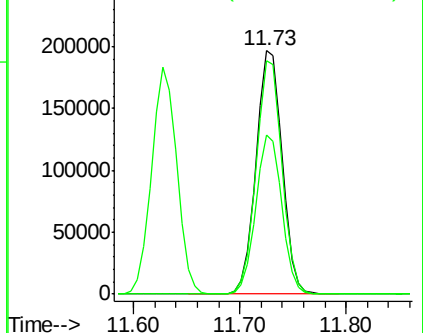
119 64.9 33.1 99.3

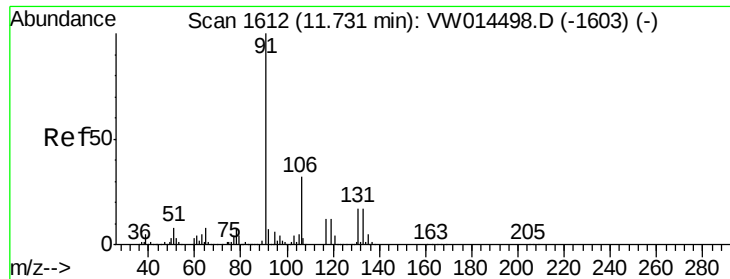


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





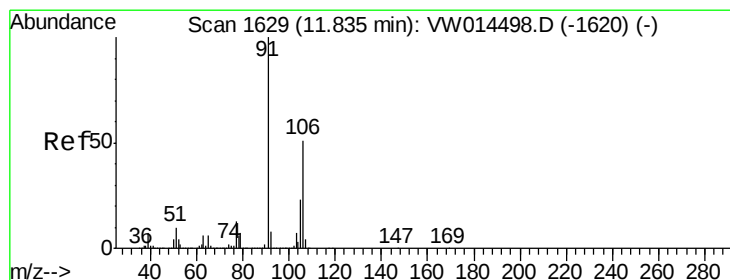
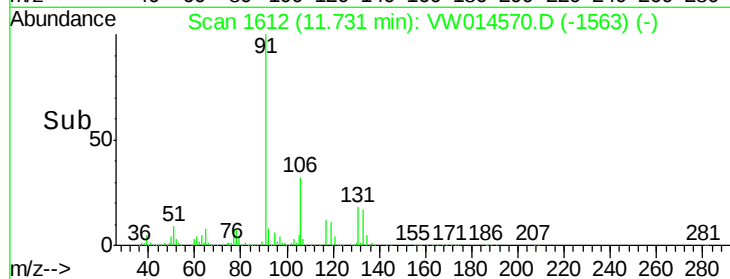
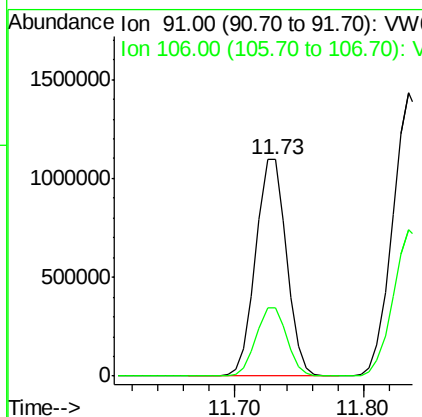
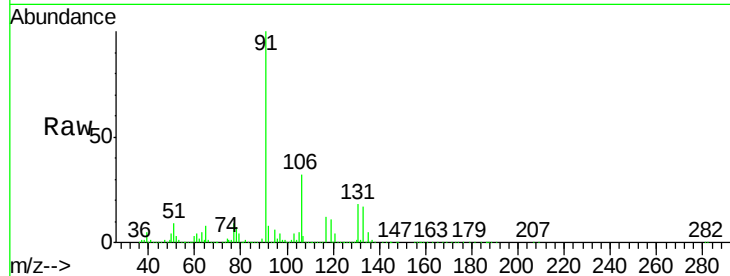
#67
Ethyl Benzene
Concen: 51.931 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1815317
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

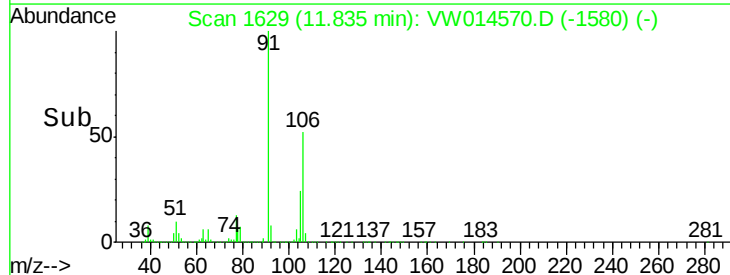
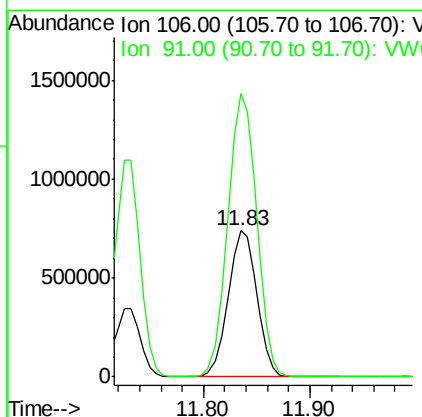
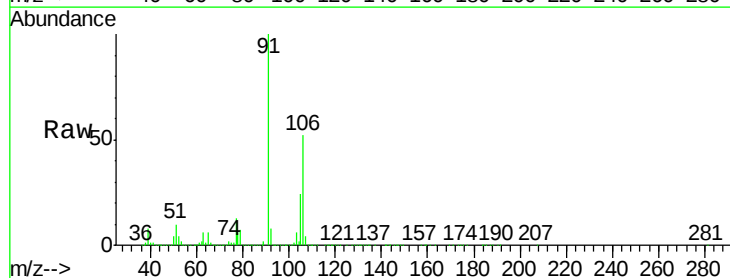
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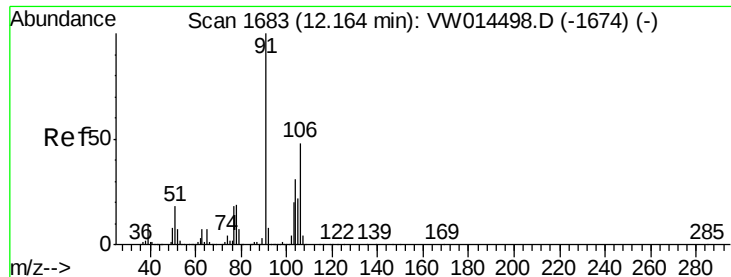
apatel
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#68
m/p-Xylenes
Concen: 104.068 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 106 Resp: 1392286
Ion Ratio Lower Upper
106 100
91 195.9 159.0 238.6





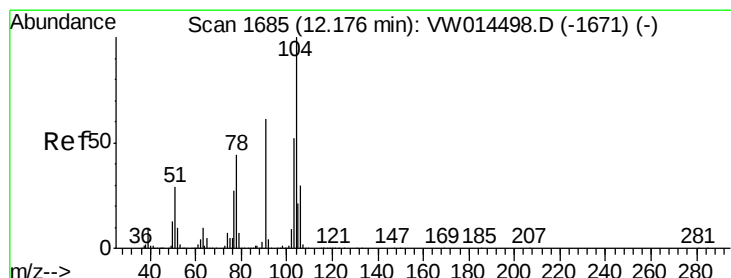
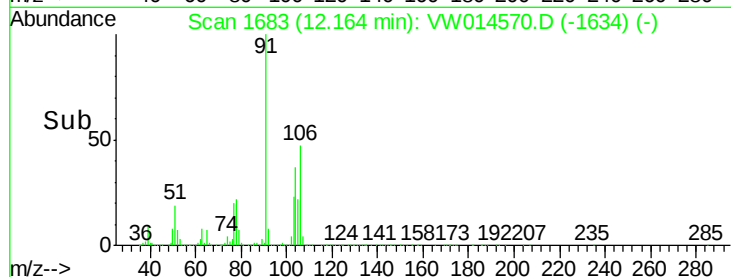
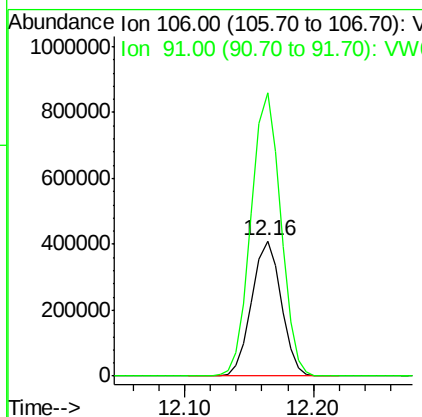
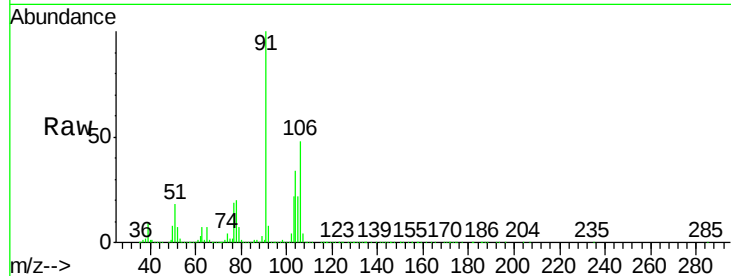
#69
o-Xylene
Concen: 52.445 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 648113
Ion Ratio Lower Upper
106 100
91 210.6 105.2 315.6

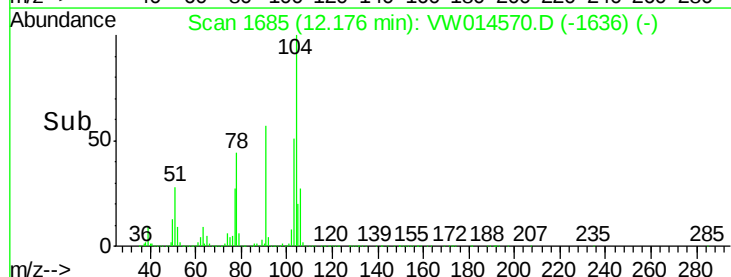
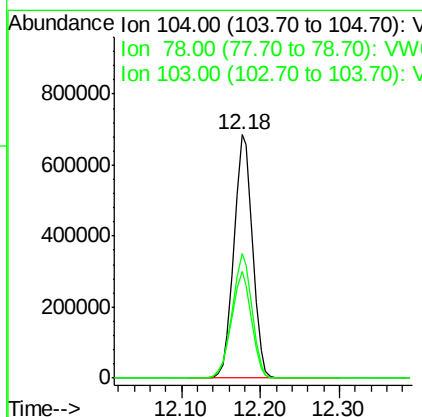
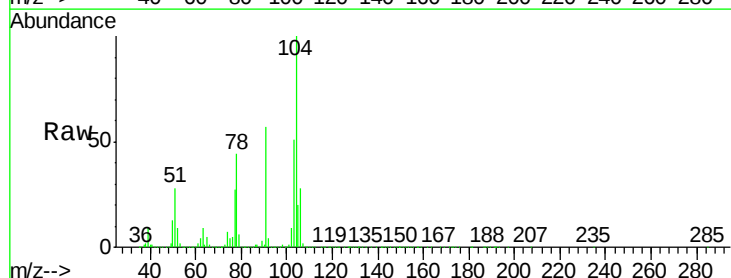
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#70
Styrene
Concen: 54.015 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion:104 Resp: 1129045
Ion Ratio Lower Upper
104 100
78 46.8 38.4 57.6
103 54.2 43.7 65.5





#71

Bromoform

Concen: 50.963 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

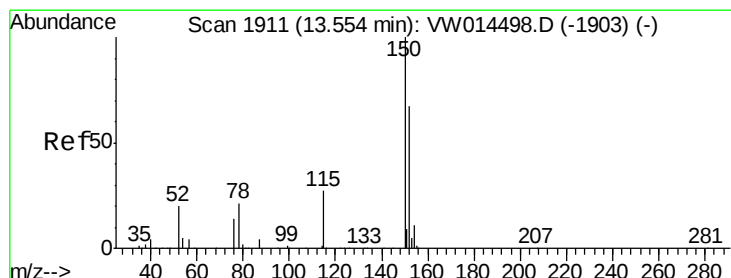
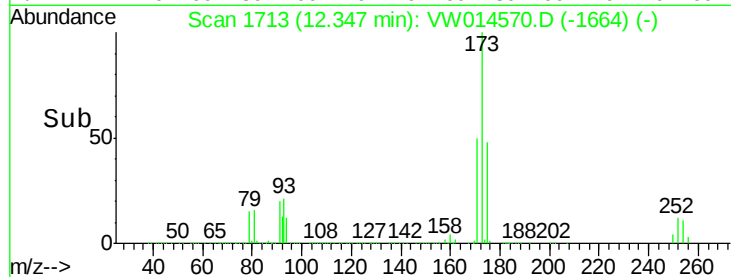
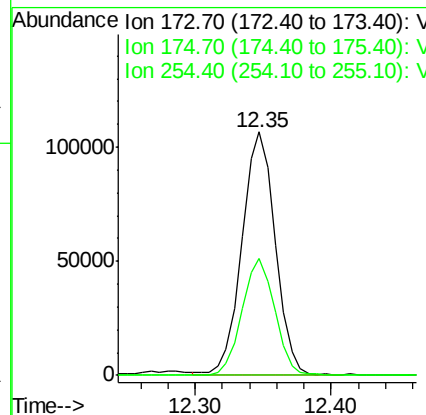
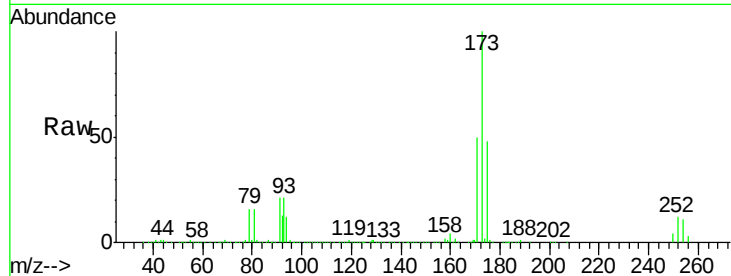
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	181546
Ion Ratio	Lower	Upper	
173	100		
175	47.2	24.5	73.5
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

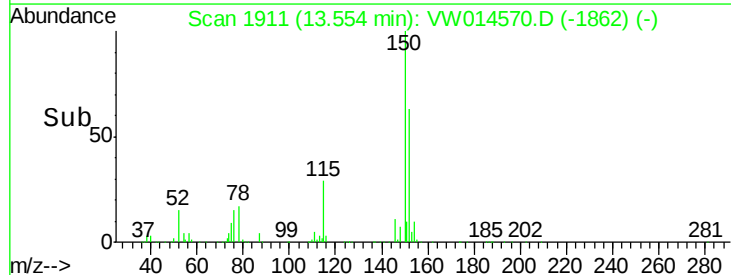
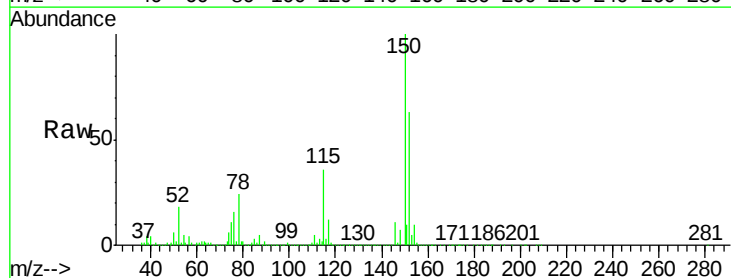
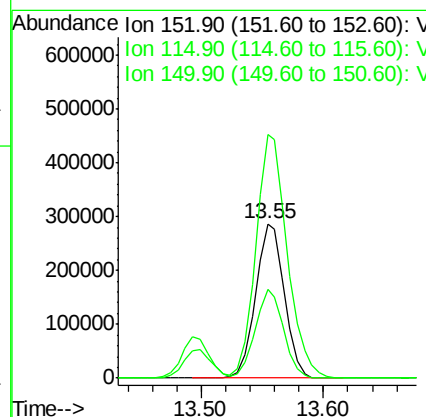
RT: 13.55 min Scan# 1911

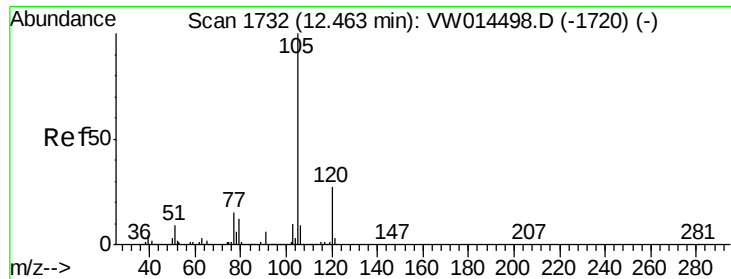
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	152	Resp:	467044
Ion Ratio	Lower	Upper	
152	100		
115	56.2	27.7	83.1
150	172.2	0.0	343.4





#73

Isopropylbenzene

Concen: 51.292 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 1757763

Ion Ratio Lower Upper

105 100

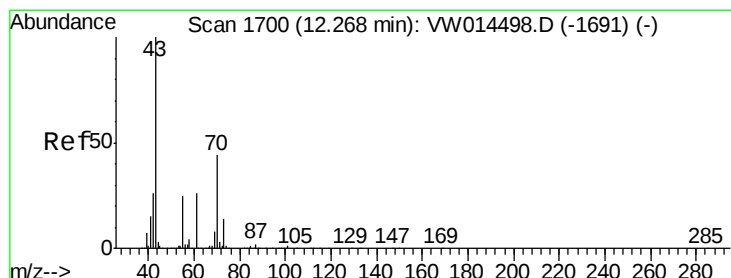
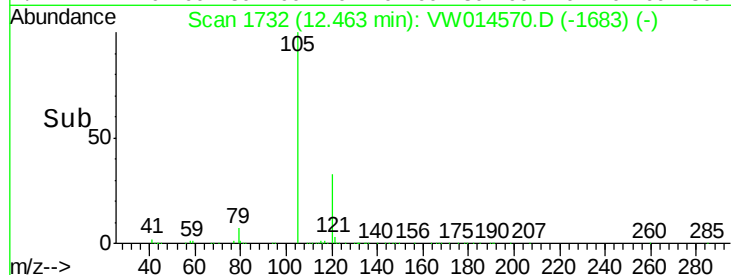
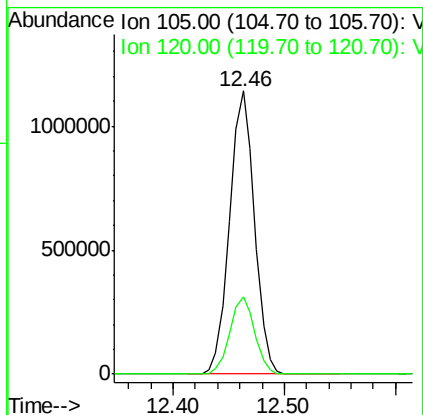
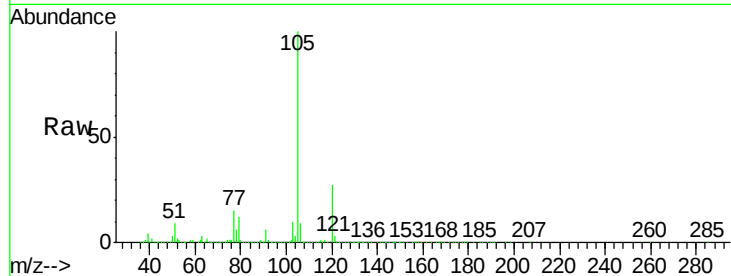
120 27.1 13.4 40.1

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#74

N-ethyl acetate

Concen: 50.722 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion: 43 Resp: 389741

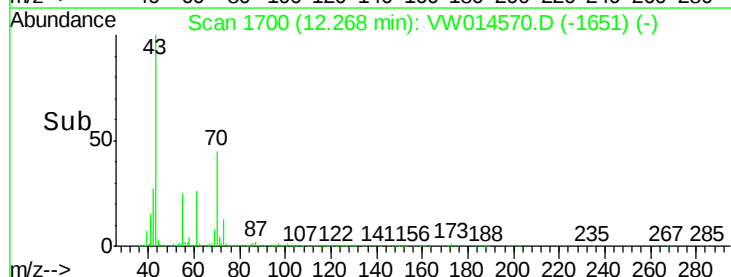
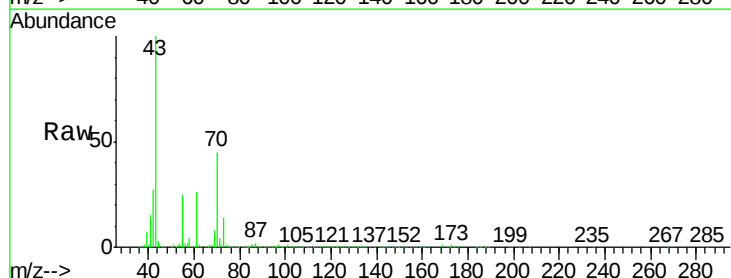
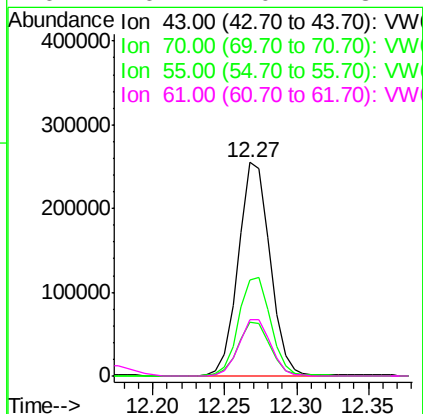
Ion Ratio Lower Upper

43 100

70 46.6 36.5 54.7

55 25.6 20.9 31.3

61 26.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.015 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

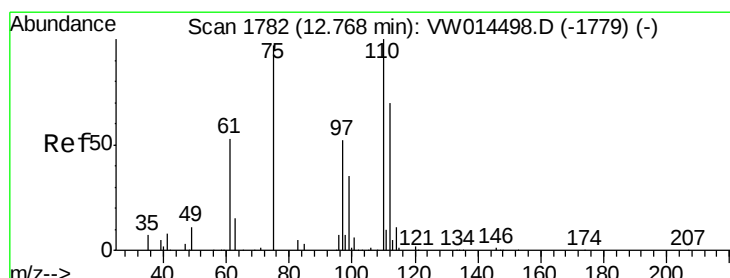
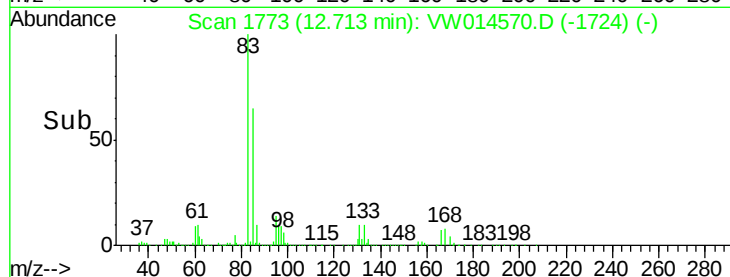
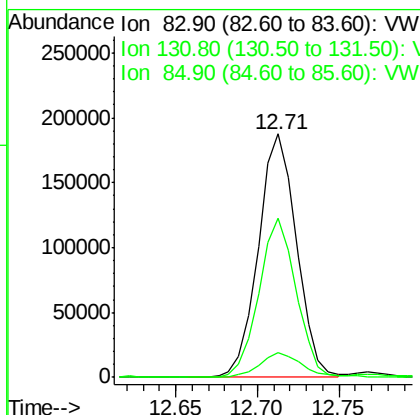
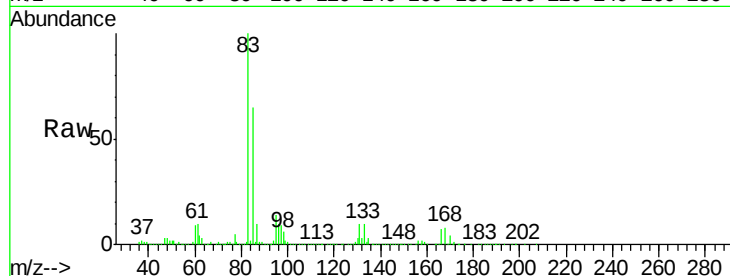
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	303183
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	64.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 51.402 ug/l m

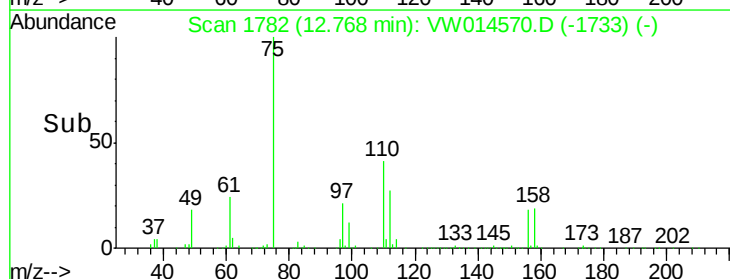
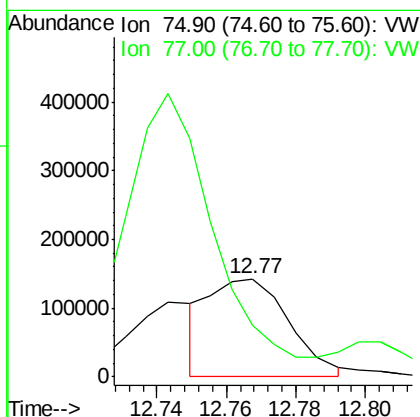
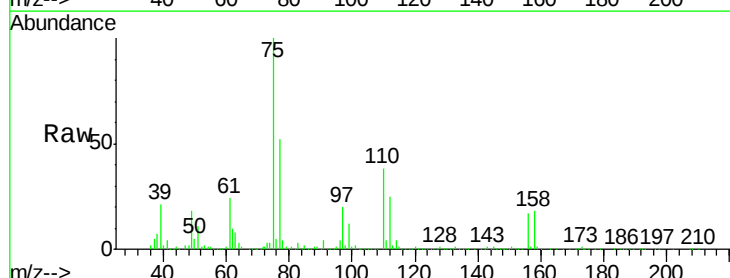
RT: 12.77 min Scan# 1782

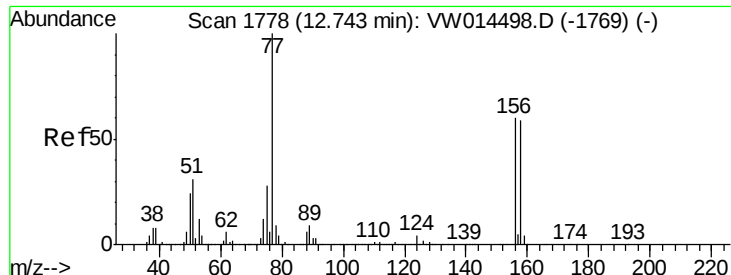
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	75	Resp:	226984
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.512 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

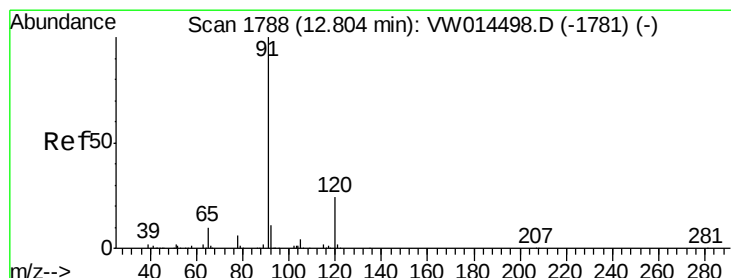
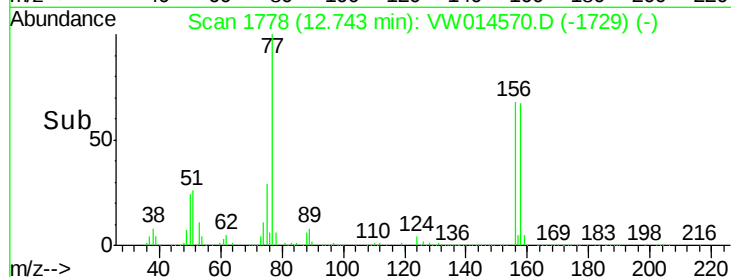
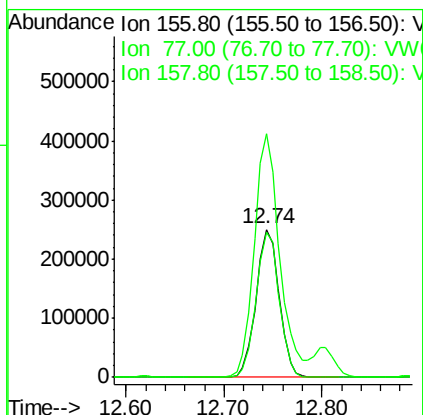
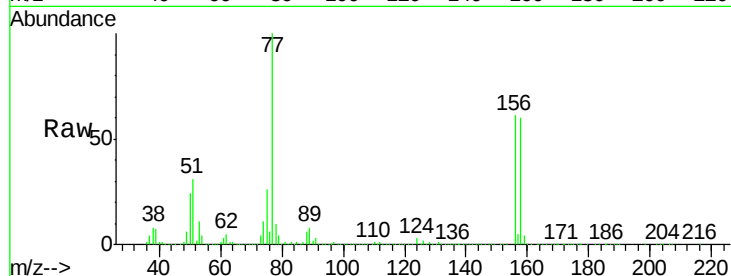
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	410001
Ion Ratio	Lower	Upper	
156	100		
77	182.0	92.3	277.1
158	98.3	48.6	145.9

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#78

n-propylbenzene

Concen: 51.891 ug/l

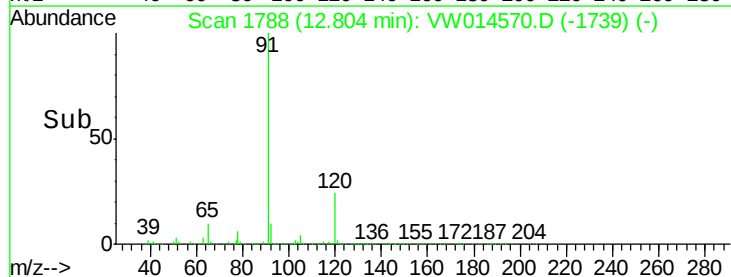
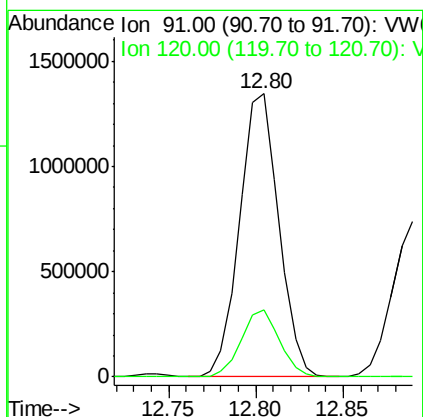
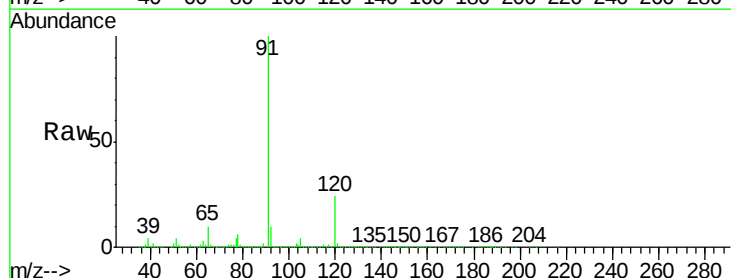
RT: 12.80 min Scan# 1788

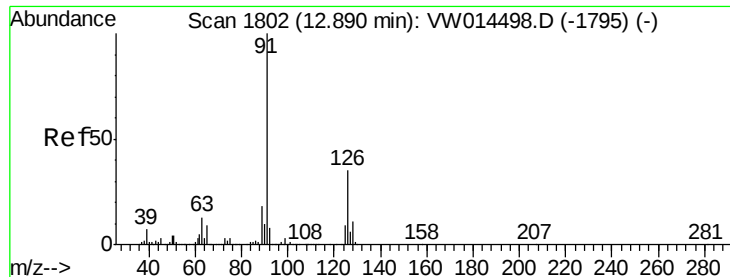
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	91	Resp:	2091069
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.304 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1176523

Ion Ratio Lower Upper

91 100

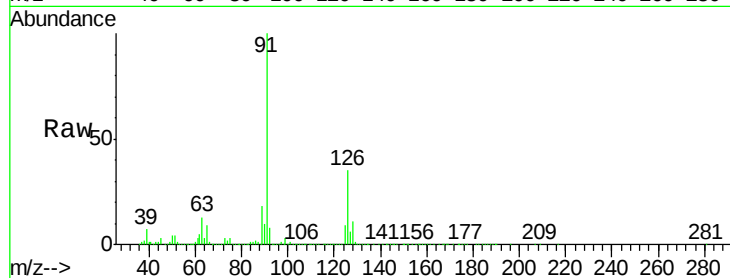
126 34.7 17.1 51.2

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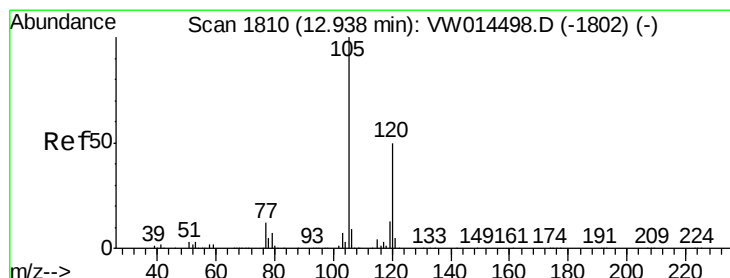
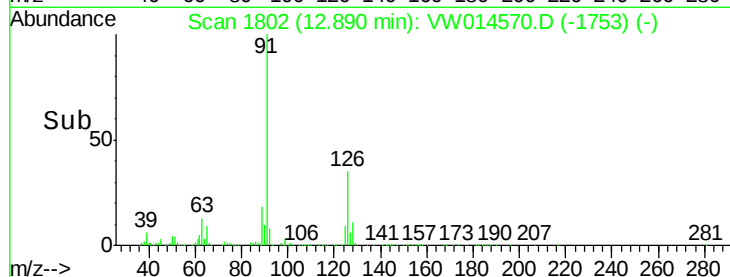
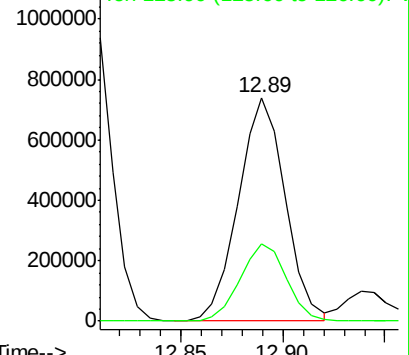
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.984 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014570.D

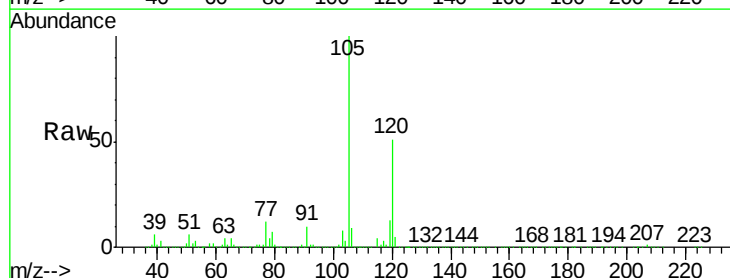
Acq: 08 Jan 2020 19:52

Tgt Ion: 105 Resp: 1495775

Ion Ratio Lower Upper

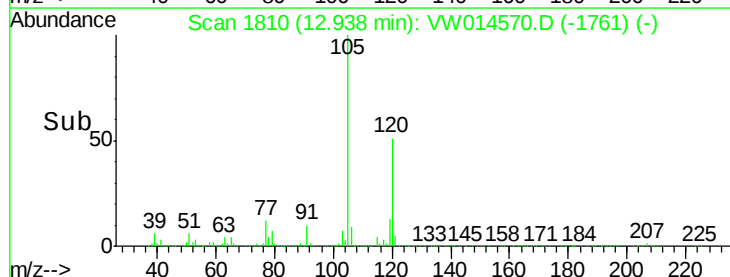
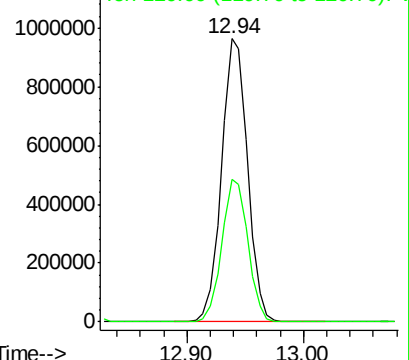
105 100

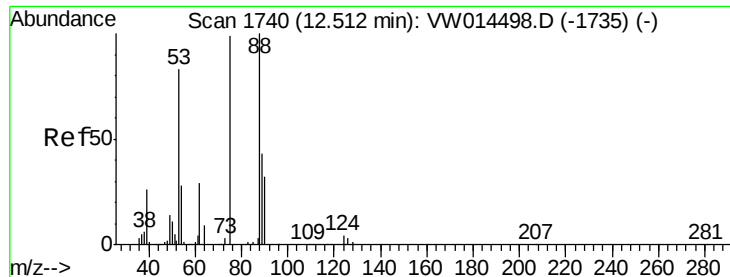
120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.397 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

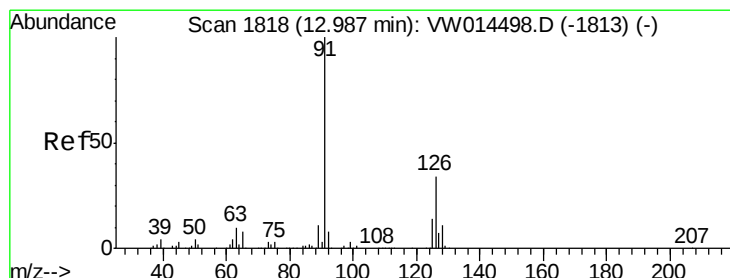
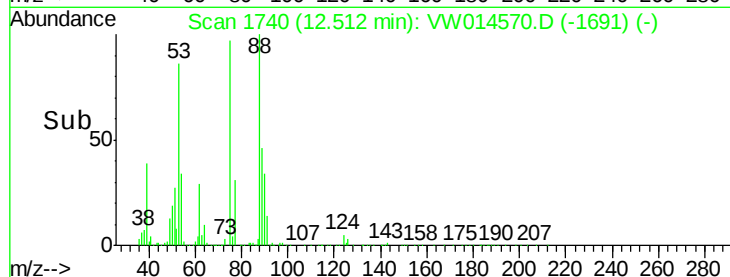
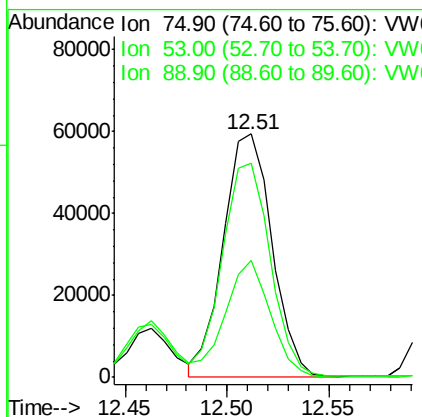
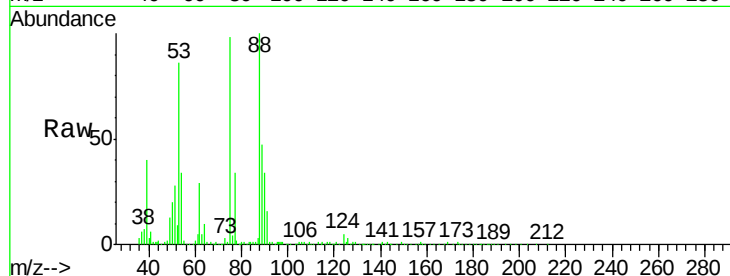
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	97901
Ion Ratio	Lower	Upper	
75	100		
53	87.0	70.9	106.3
89	44.6	35.8	53.8

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#82

4-Chlorotoluene

Concen: 51.472 ug/l

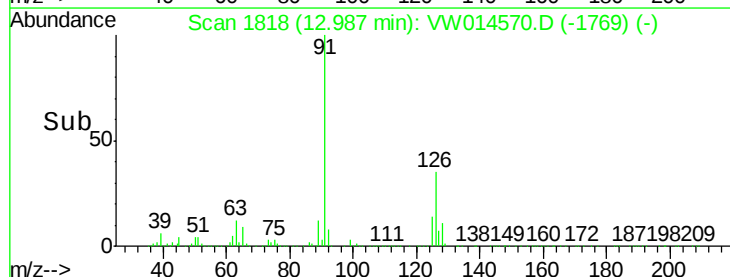
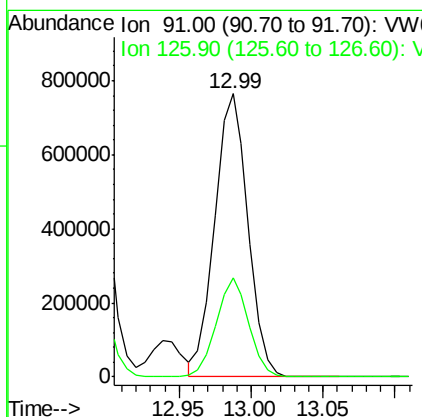
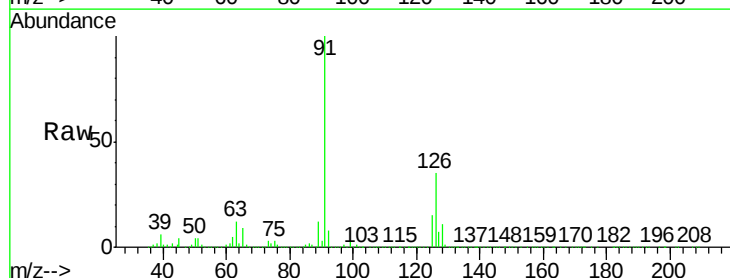
RT: 12.99 min Scan# 1818

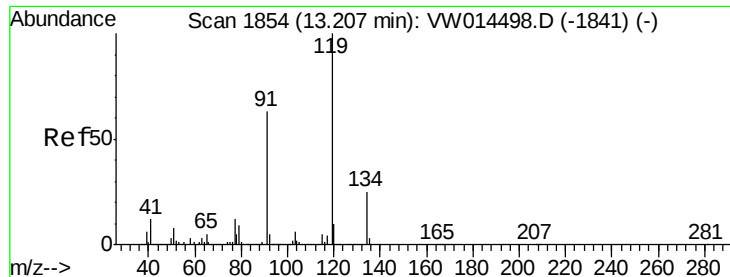
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion:	91	Resp:	1226326
Ion Ratio	Lower	Upper	
91	100		
126	34.2	17.1	51.2





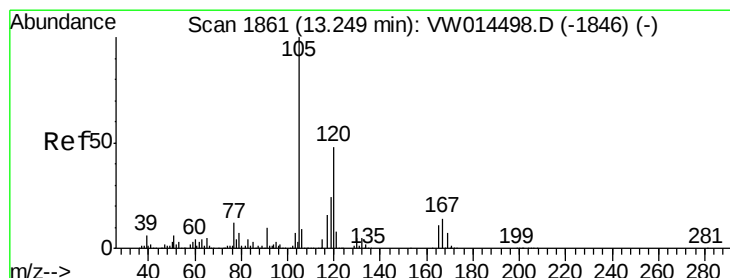
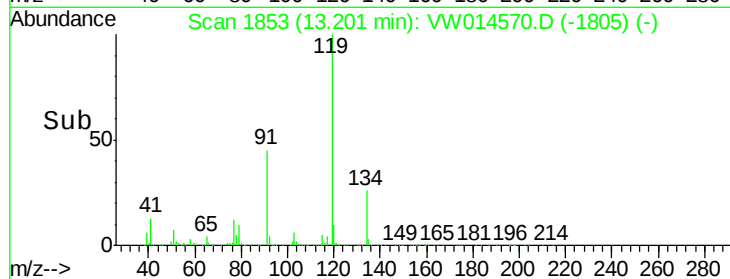
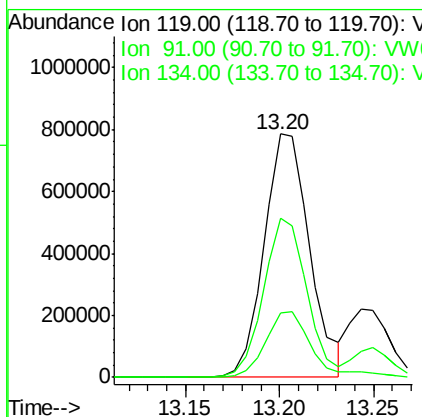
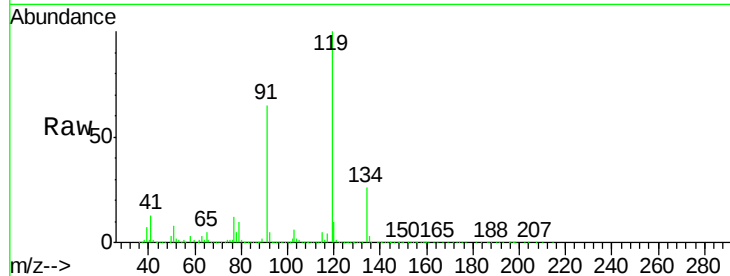
#83
 tert-Butylbenzene
 Concen: 52.295 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 1317420
 Ion Ratio Lower Upper
 119 100
 91 61.8 31.1 93.3
 134 27.4 13.5 40.5

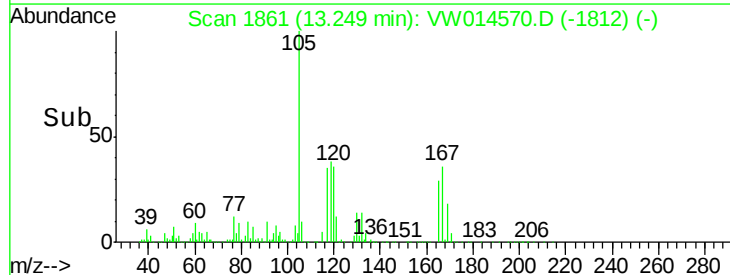
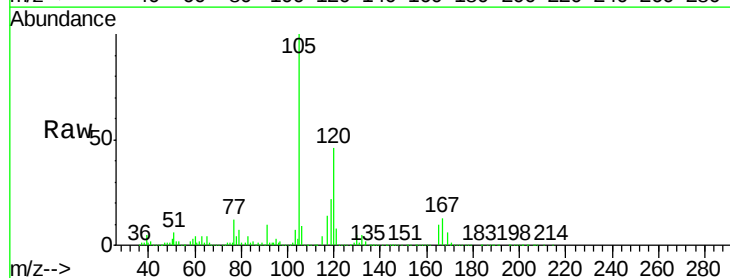
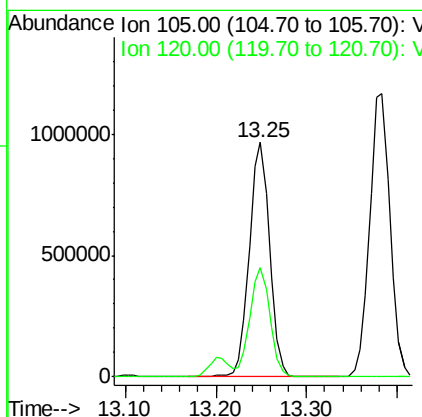
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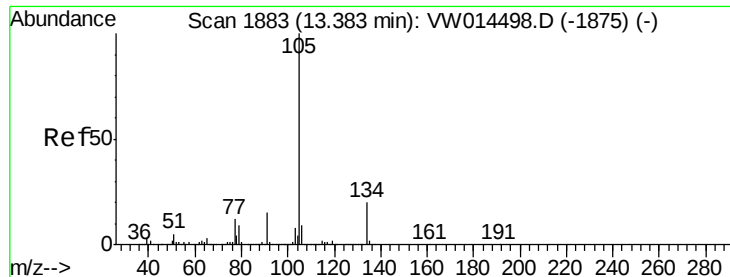
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.263 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion:105 Resp: 1496493
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.092 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1816465

Ion Ratio Lower Upper

105 100

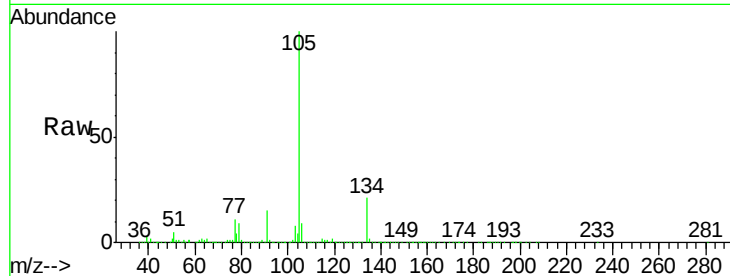
134 20.6 10.2 30.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

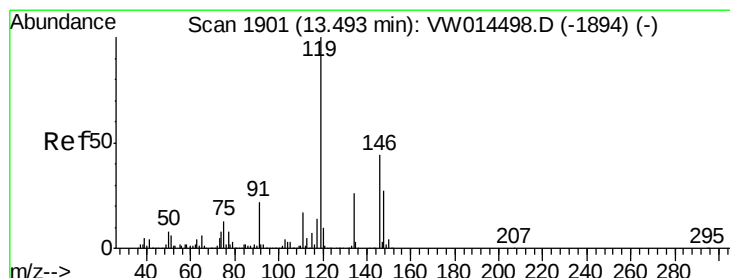
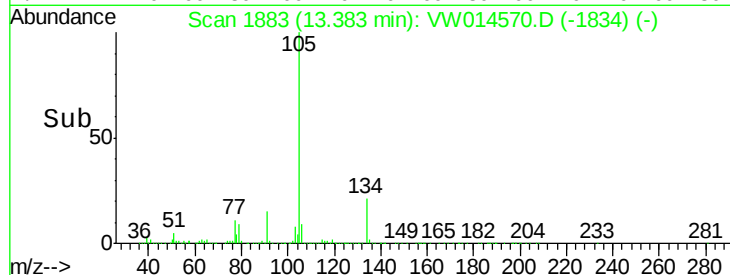
13.38

1000000

500000

0

Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 52.769 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

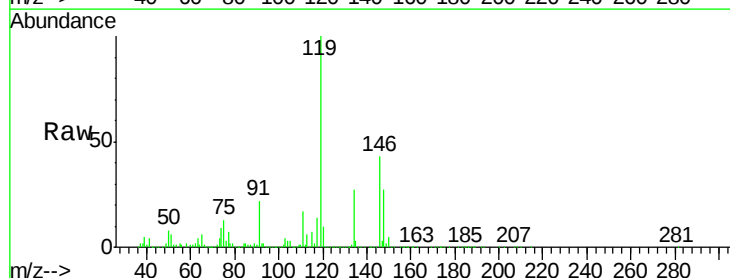
Tgt Ion:119 Resp: 1677242

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 21.6 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.49

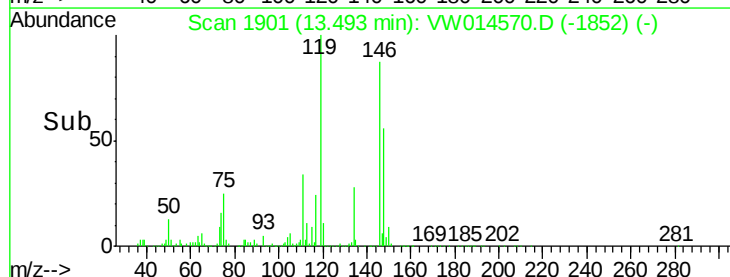
1500000

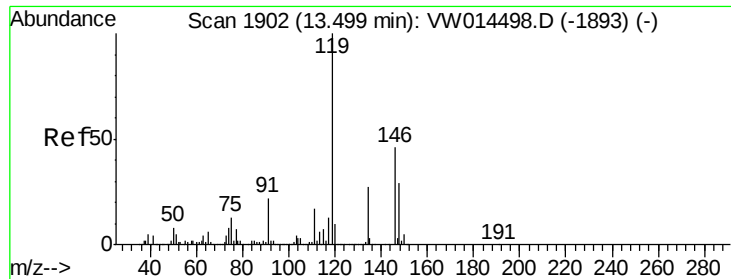
1000000

500000

0

Time--> 13.45 13.50 13.55





#87

1,3-Dichlorobenzene

Concen: 50.770 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

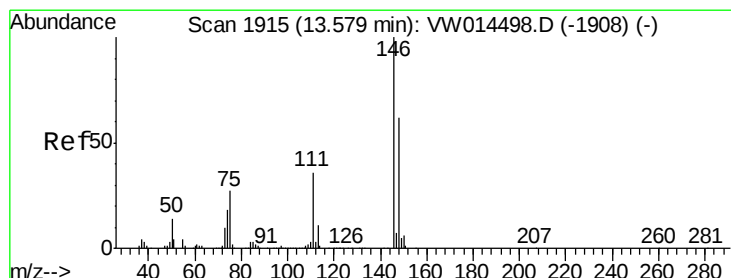
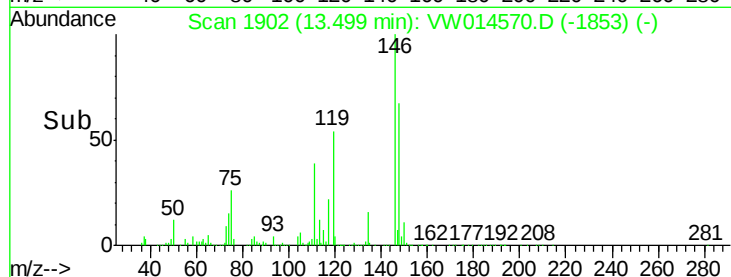
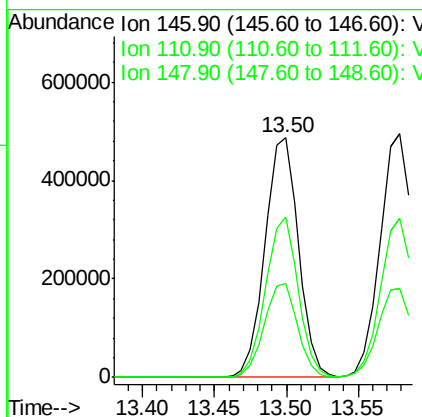
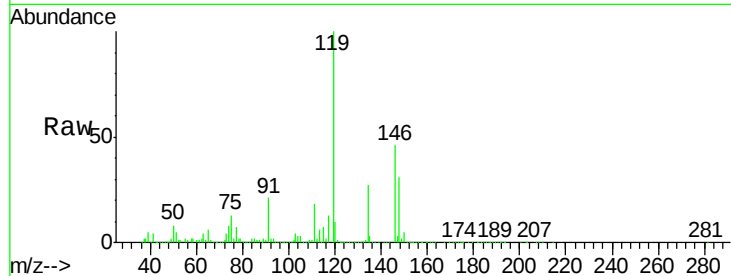
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.9
148	65.1	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 51.305 ug/l

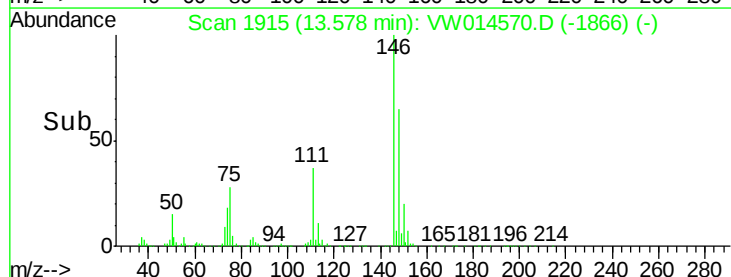
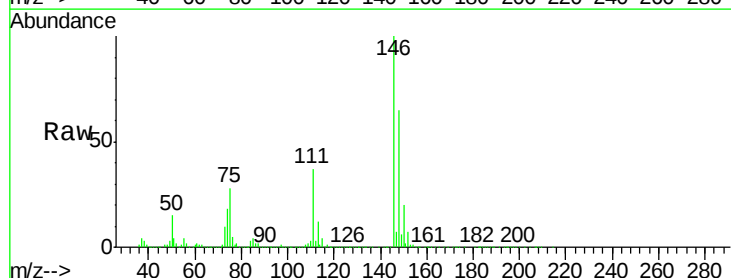
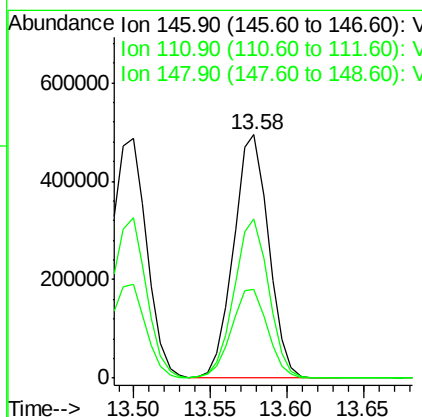
RT: 13.58 min Scan# 1915

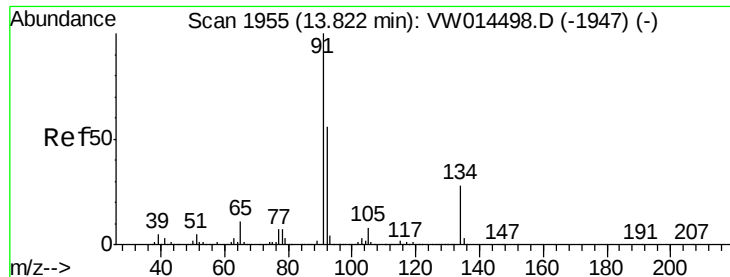
Delta R.T. -0.00 min

Lab File: VW014570.D

Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.8	31.7	95.1





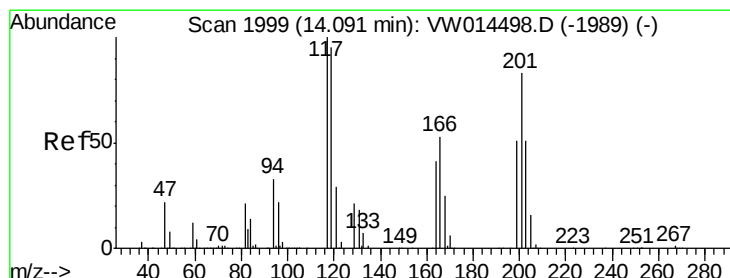
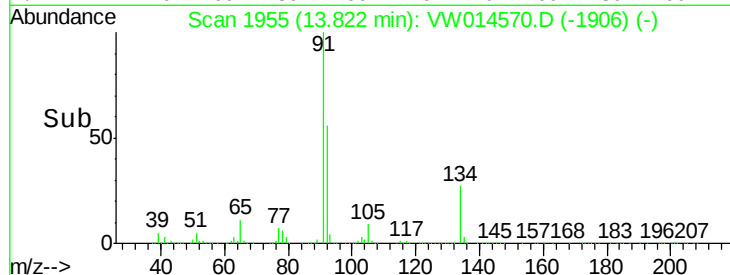
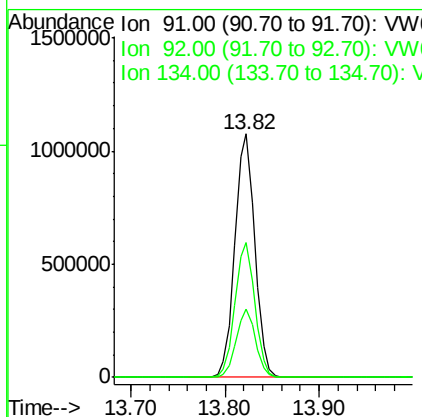
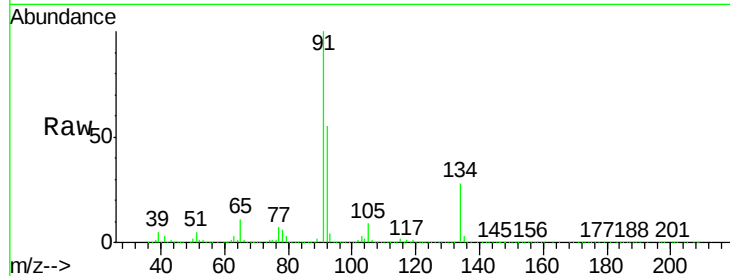
#89
n-Butylbenzene
Concen: 53.307 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1573408
Ion Ratio Lower Upper
91 100
92 55.1 27.5 82.5
134 27.2 13.7 41.1

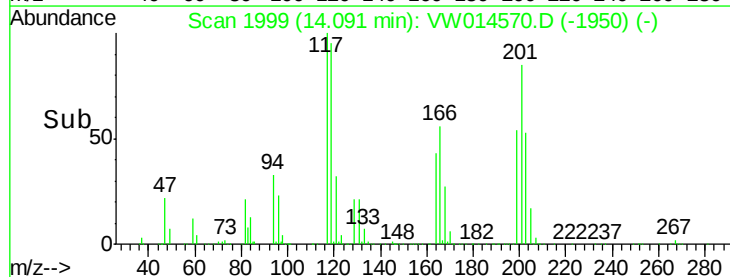
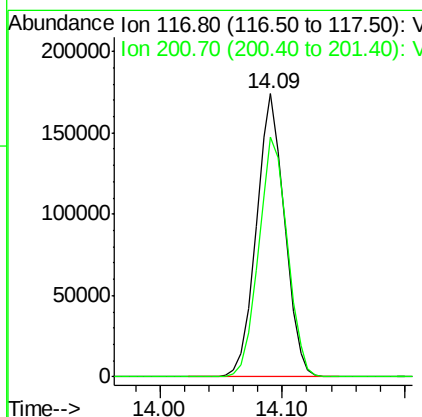
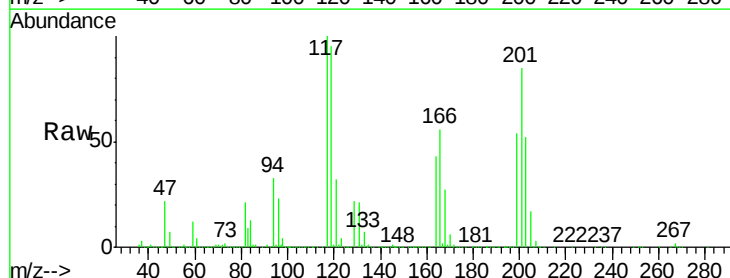
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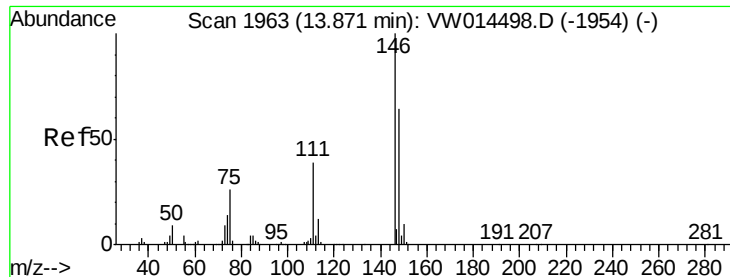
apatel
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#90
Hexachloroethane
Concen: 50.291 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion: 117 Resp: 279241
Ion Ratio Lower Upper
117 100
201 86.6 43.0 128.8





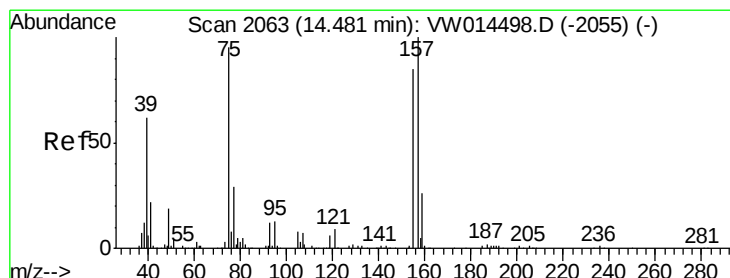
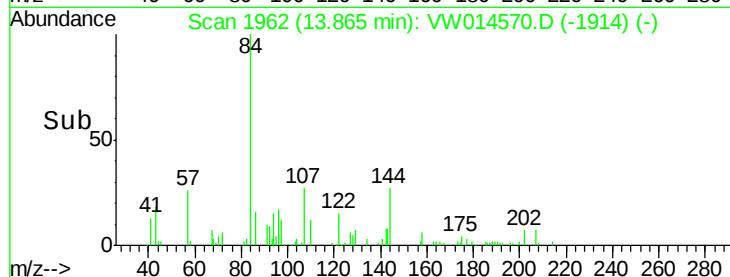
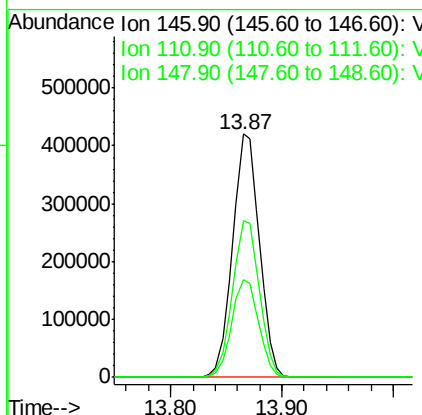
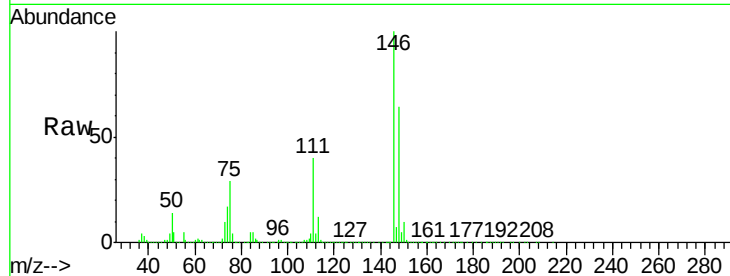
#91
 1,2-Dichlorobenzene
 Concen: 51.531 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	701010		
111	40.3	20.4	61.3	
148	64.3	32.3	96.8	

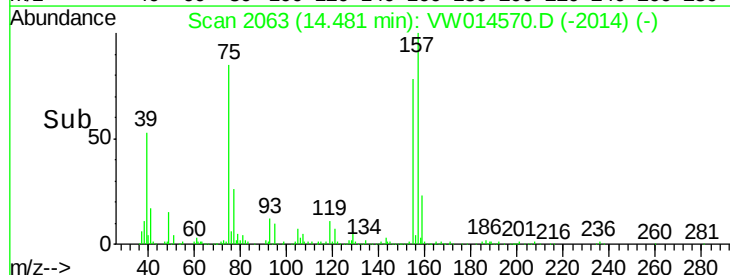
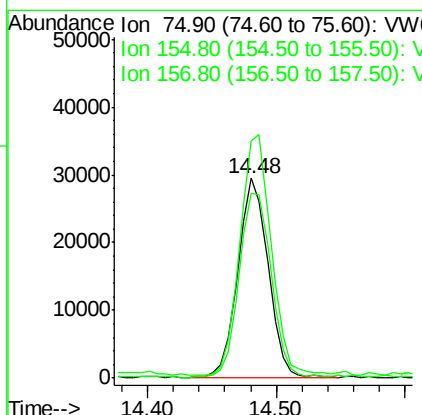
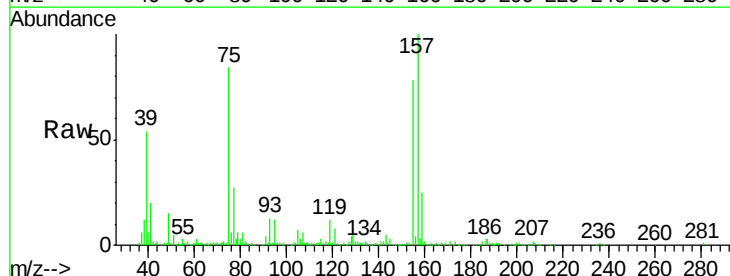
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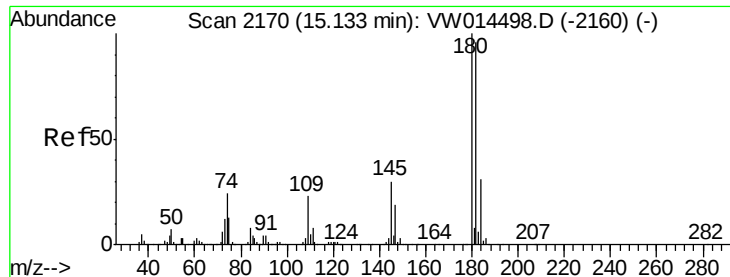
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.805 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47806		
155	97.6	45.8	137.4	
157	125.0	58.1	174.2	





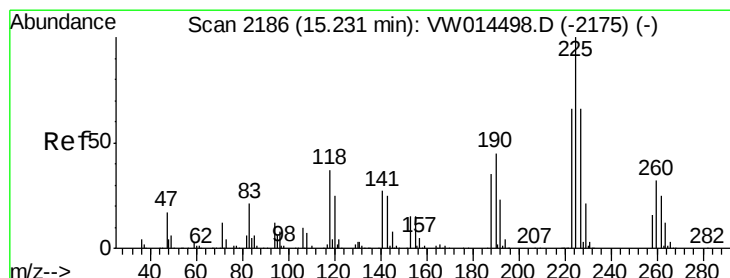
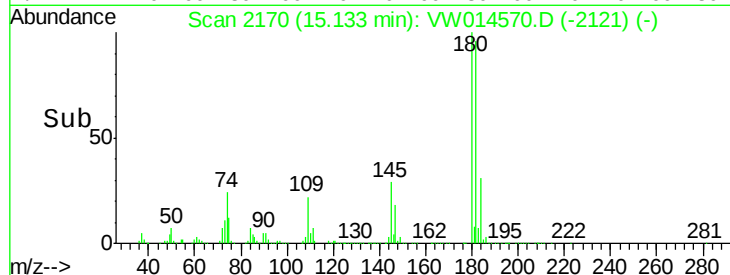
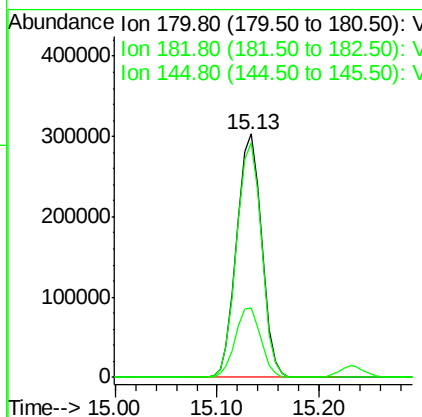
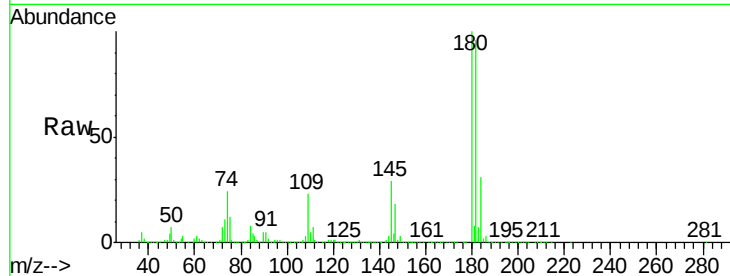
#93
 1,2,4-Trichlorobenzene
 Concen: 55.562 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	510414		
182	96.7	47.3	141.8	
145	29.2	14.7	44.1	

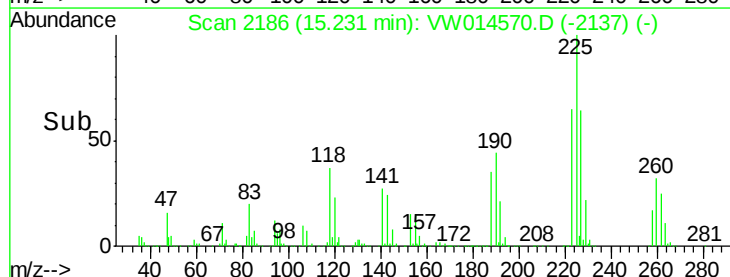
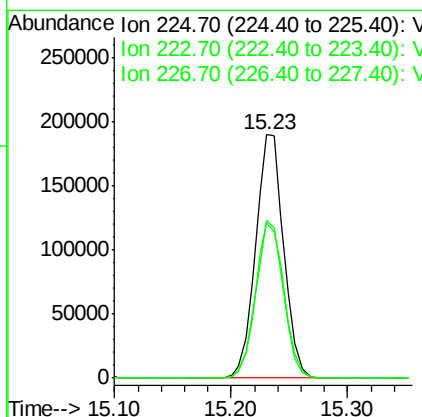
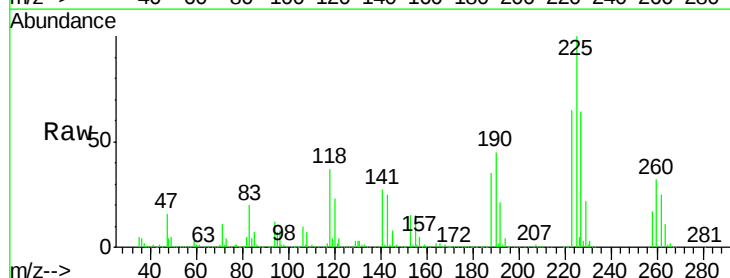
Manual Integrations
 APPROVED

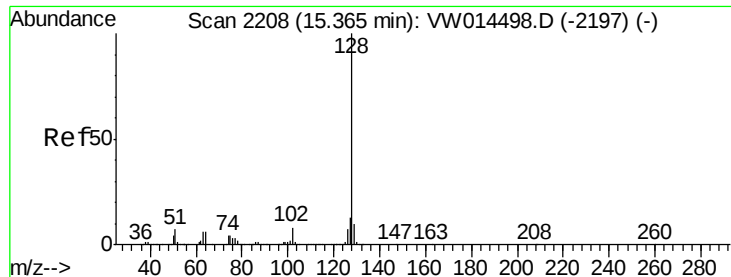
apatel
 1/9/2020 9:29:47 AM



#94
 Hexachlorobutadiene
 Concen: 51.633 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW014570.D
 Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	317867		
223	63.7	32.4	97.2	
227	64.8	32.6	97.8	





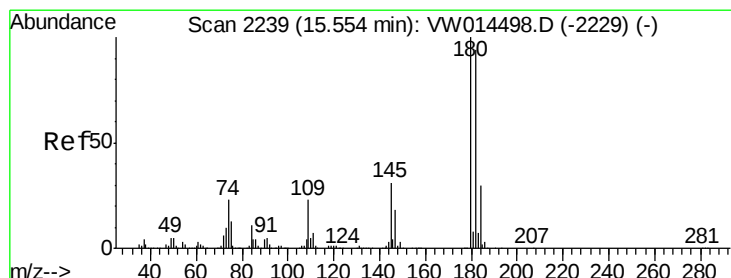
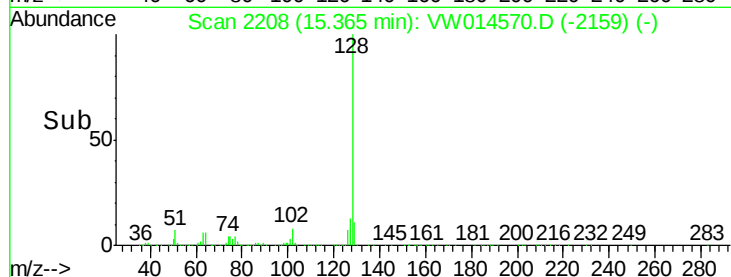
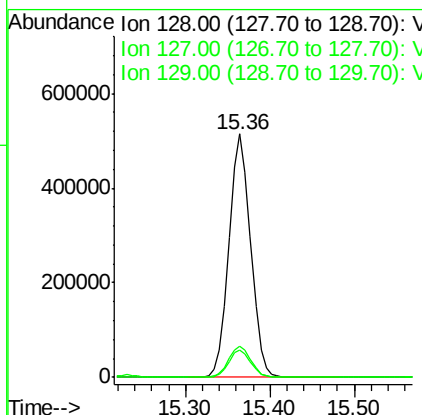
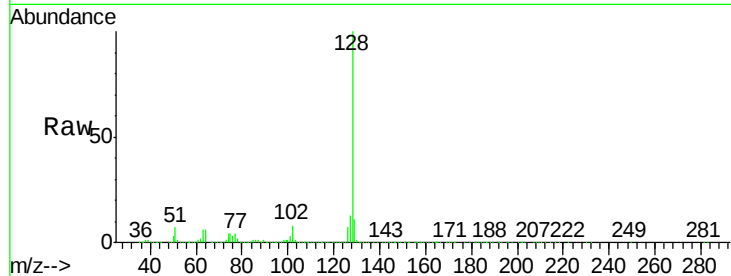
#95
Naphthalene
Concen: 57.312 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	897919		
127	13.1	10.6	15.8	
129	11.2	8.7	13.1	

Manual Integrations
APPROVED

apatel
1/9/2020 9:29:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.123 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014570.D
Acq: 08 Jan 2020 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	449402		
182	96.1	47.4	142.2	
145	30.8	15.5	46.5	

