

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022733.D
 Acq On : 02 May 2022 11:34
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 00:01:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 02 23:58:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	367712	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	374418	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	209011	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	706600	93.662	ug/L	0.00
7) Chloroethane-d5	2.879	69	518029	105.546	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	928517	95.334	ug/L	0.00
21) 2-Butanone-d5	7.074	46	316373	222.403	ug/L	0.00
24) Chloroform-d	7.653	84	1104002	102.478	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	598950	101.369	ug/L	0.00
32) Benzene-d6	8.275	84	2151783	99.706	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	614460	101.359	ug/L	0.00
41) Toluene-d8	10.323	98	2166714	103.931	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	308487	110.518	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	273515	236.345	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	603222	106.757	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	784076	107.315	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	226311	114.049	ug/L	94
3) Chloromethane	2.215	50	364981	94.225	ug/L	100
5) Vinyl chloride	2.361	62	683518	87.926	ug/L	99
6) Bromomethane	2.770	94	418376	83.823	ug/L	88
8) Chloroethane	2.916	64	362529	96.689	ug/L	99
9) Trichlorofluoromethane	3.251	101	323484	91.044	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	487980	92.255	ug/L	98
12) 1,1-Dichloroethene	4.038	96	441058	93.651	ug/L	93
13) Acetone	4.123	43	167345	172.217	ug/L	98
14) Carbon disulfide	4.385	76	1209801	93.698	ug/L	99
15) Methyl Acetate	4.672	43	218745	97.979	ug/L	98
16) Methylene chloride	4.916	84	460809	85.643	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	491005	92.644	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	796464	98.665	ug/L	99
19) 1,1-Dichloroethane	6.214	63	842574	93.802	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	547243	96.133	ug/L #	97
22) 2-Butanone	7.165	43	288735	192.547	ug/L	100
23) Bromochloromethane	7.513	128	259837	97.465	ug/L	90
25) Chloroform	7.677	83	941991	94.841	ug/L	97
27) 1,2-Dichloroethane	8.397	62	619519	93.571	ug/L	99
29) Cyclohexane	7.952	56	749894	92.608	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	823043	93.018	ug/L	99
31) Carbon tetrachloride	8.067	117	771281	93.185	ug/L	98
33) Benzene	8.323	78	1958329	88.784	ug/L	100
34) Trichloroethene	9.092	95	543916	89.667	ug/L	94
35) Methylcyclohexane	9.335	83	914072	91.727	ug/L	100
37) 1,2-Dichloropropane	9.366	63	475470	89.077	ug/L	100
38) Bromodichloromethane	9.646	83	718547	94.775	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	835785	100.982	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	674128	200.373	ug/L	98
42) Toluene	10.384	91	2315545	93.674	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	769507	104.165	ug/L	100

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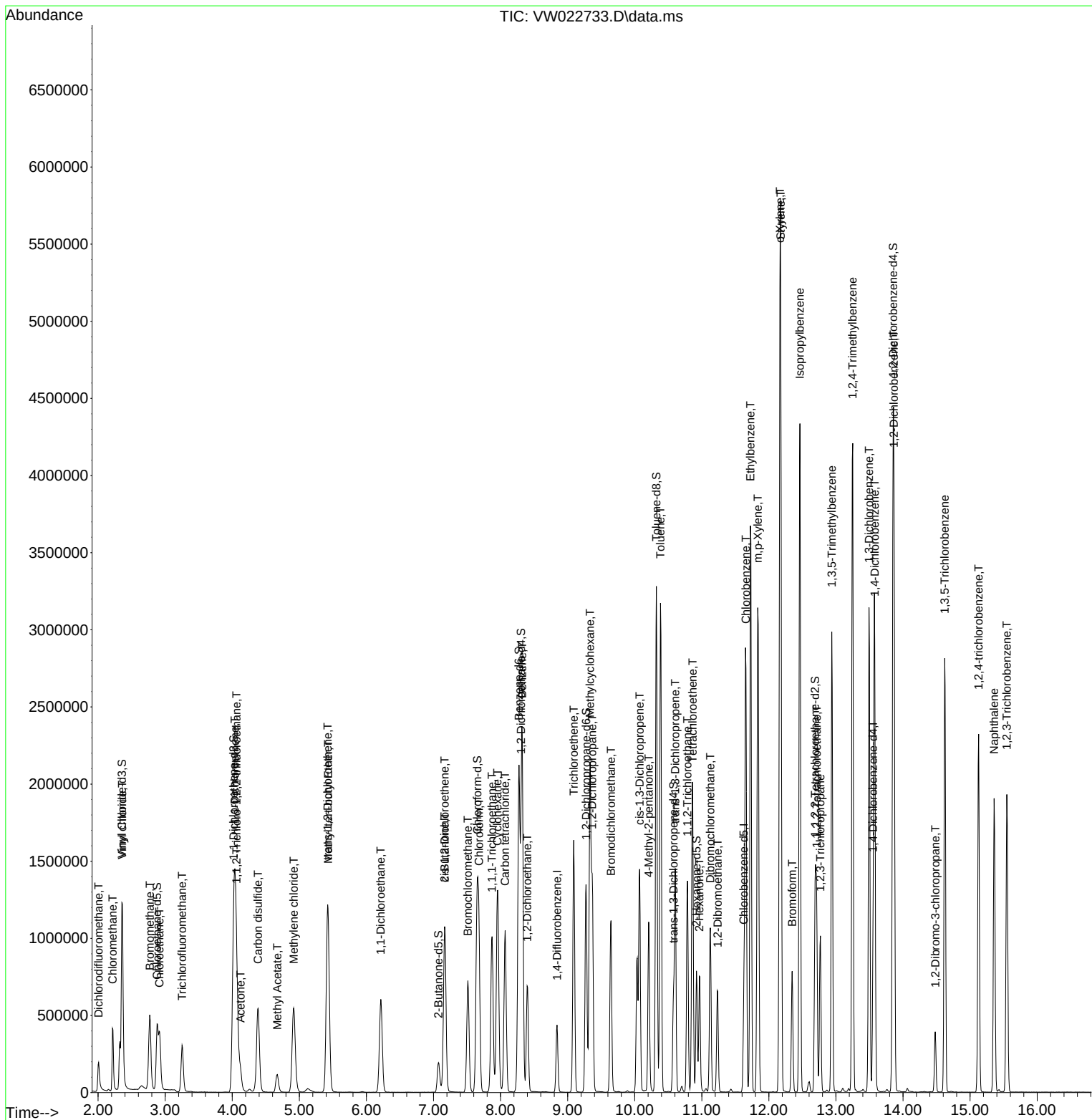
Instrument :
 MSVOA_W
 ClientSampleId :

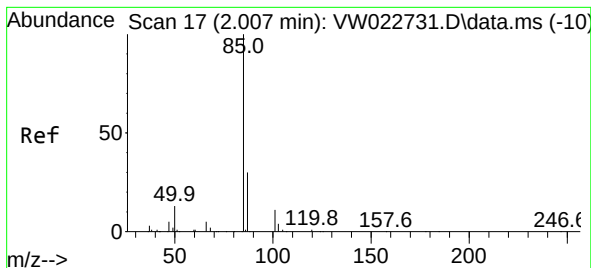
Quant Time: May 03 00:01:00 2022
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 Quant Title : SFAM01.0
 QLast Update : Mon May 02 23:58:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	420903	94.327	ug/L	99
46) Tetrachloroethene	10.866	164	430955	94.536	ug/L	84
48) 2-Hexanone	10.963	43	462183	205.604	ug/L	98
49) Dibromochloromethane	11.128	129	550097	102.430	ug/L	97
50) 1,2-Dibromoethane	11.238	107	434133	96.892	ug/L	95
51) Chlorobenzene	11.658	112	1553643	95.336	ug/L	99
52) Ethylbenzene	11.725	91	2605325	94.737	ug/L	99
53) m,p-Xylene	11.835	106	1048078	96.723	ug/L	95
54) o-Xylene	12.164	106	1022692	98.352	ug/L	100
55) Styrene	12.176	104	1816753	102.821	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	539406	96.783	ug/L	99
59) Bromoform	12.347	173	339943	114.766	ug/L	98
60) Isopropylbenzene	12.463	105	2803030	97.893	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	387597	92.810	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	1559689	97.909	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2379896	99.497	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	1254397	98.122	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	1241952	94.054	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	1126300	96.278	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	90993	99.695	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.621	180	836558	98.582	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	683696	100.158	ug/L	98
71) Naphthalene	15.359	128	1615136	108.862	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	611490	101.072	ug/L	96

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

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#2

Dichlorodifluoromethane

Concen: 114.049 ug/L

RT: 2.007 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

Instrument :

MSVOA_W

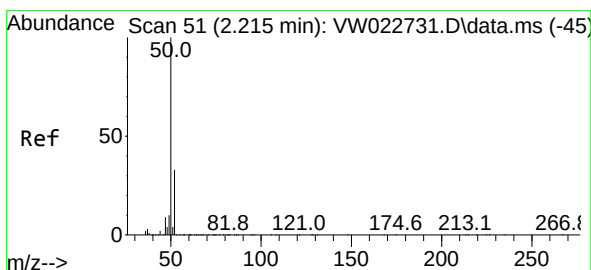
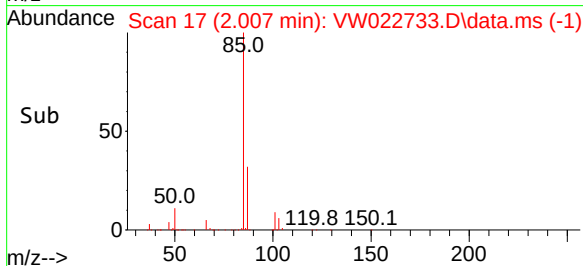
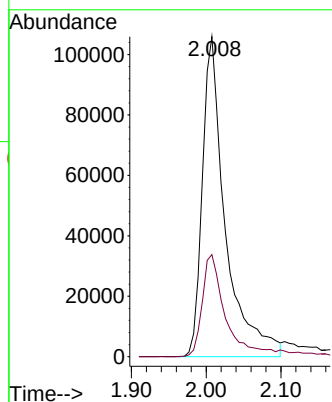
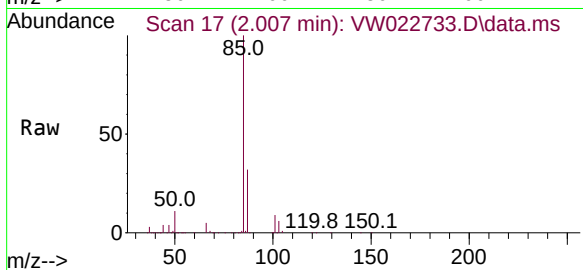
ClientSampleId :

Tgt Ion: 85 Resp: 226311

Ion Ratio Lower Upper

85 100

87 31.3 27.8 41.8



#3

Chloromethane

Concen: 94.225 ug/L

RT: 2.215 min Scan# 51

Delta R.T. 0.000 min

Lab File: VW022733.D

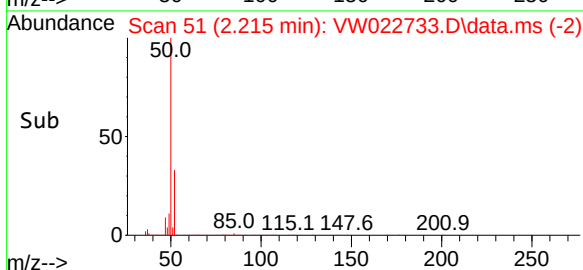
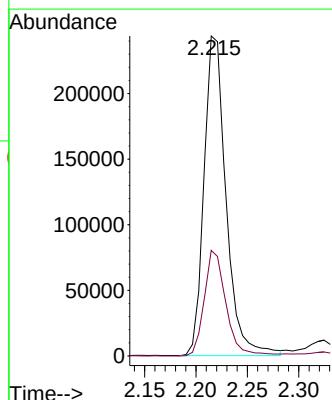
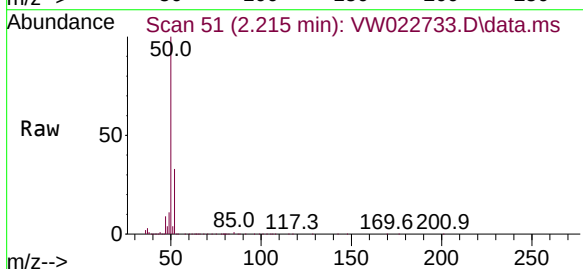
Acq: 02 May 2022 11:34

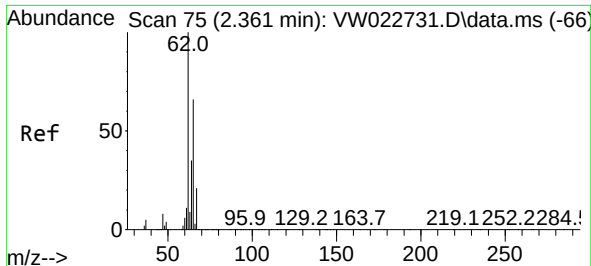
Tgt Ion: 50 Resp: 364981

Ion Ratio Lower Upper

50 100

52 33.0 23.1 42.9

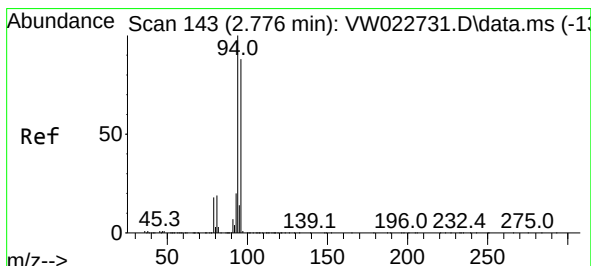
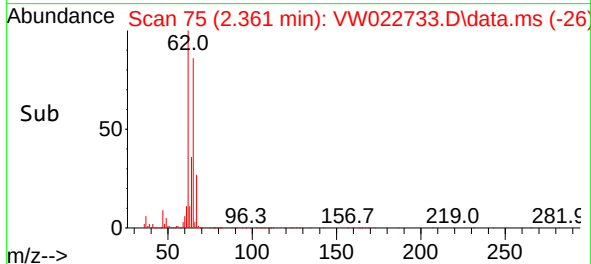
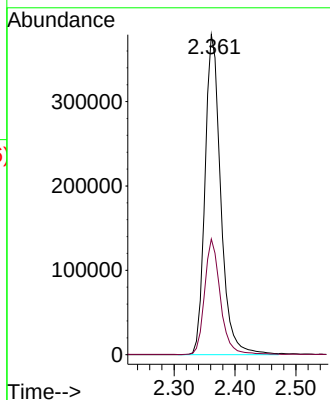
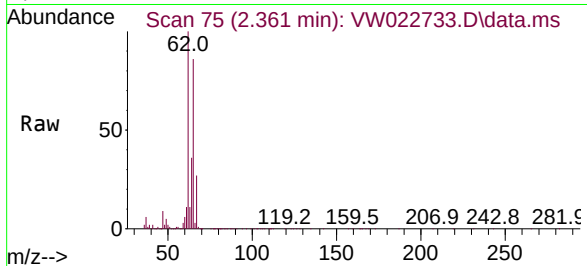




#5
 Vinyl chloride
 Concen: 87.926 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022733.D
 Acq: 02 May 2022 11:34

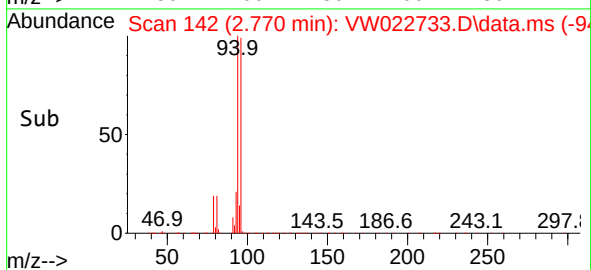
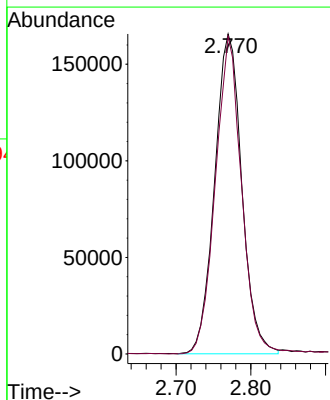
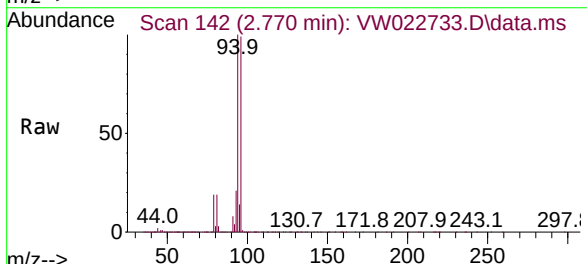
Instrument :
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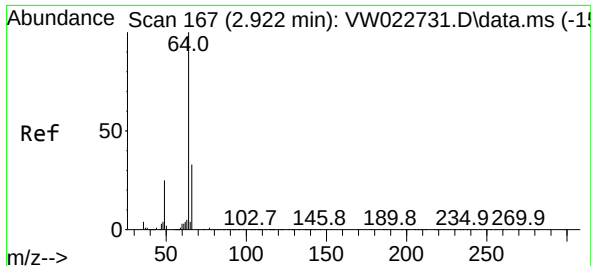
Tgt Ion: 62 Resp: 683518
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.9 46.3



#6
 Bromomethane
 Concen: 83.823 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW022733.D
 Acq: 02 May 2022 11:34

Tgt Ion: 94 Resp: 418376
 Ion Ratio Lower Upper
 94 100
 96 99.2 61.7 114.5

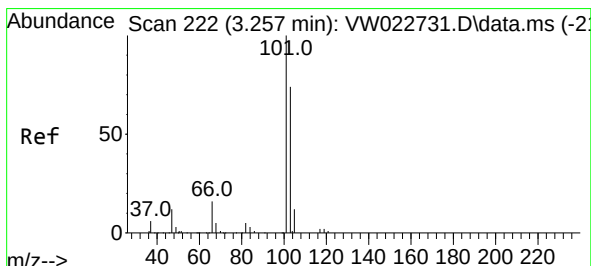
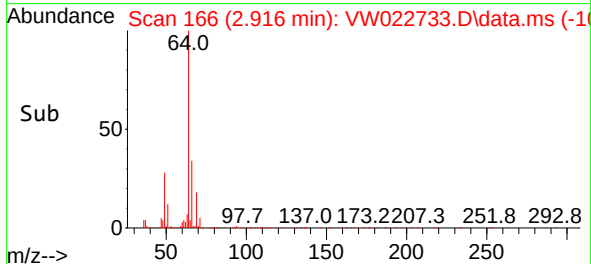
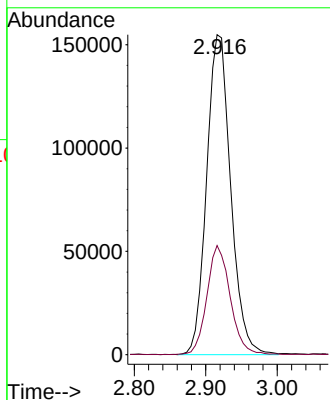
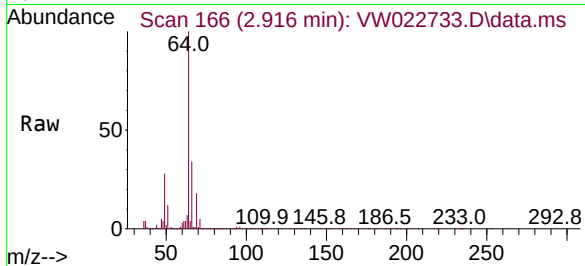




#8
Chloroethane
Concen: 96.689 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

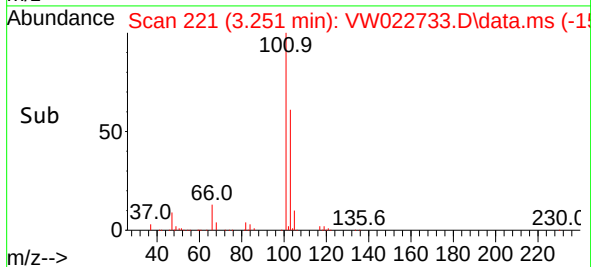
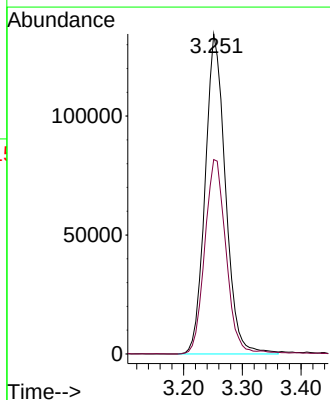
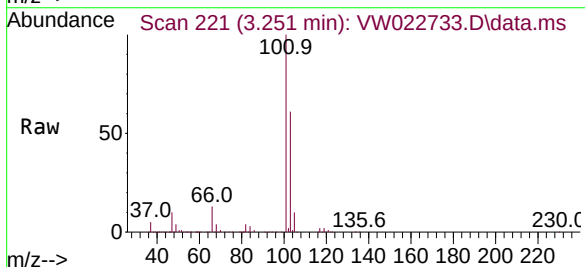
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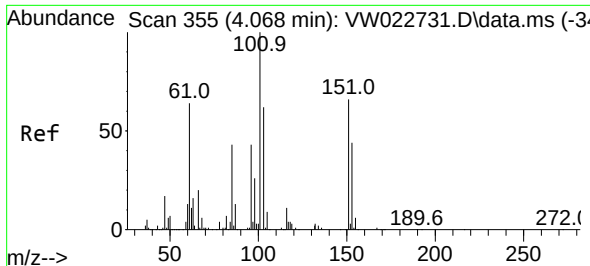
Tgt Ion: 64 Resp: 362529
Ion Ratio Lower Upper
64 100
66 34.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 91.044 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion:101 Resp: 323484
Ion Ratio Lower Upper
101 100
103 63.1 53.9 80.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 92.255 ug/L

RT: 4.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

Instrument :

MSVOA_W

ClientSampleId :

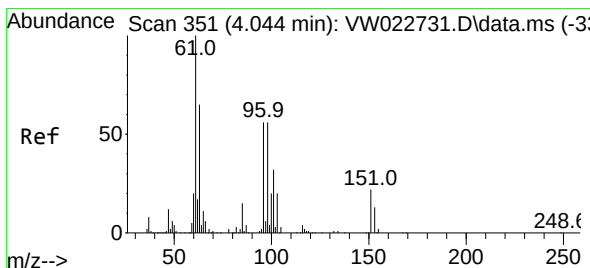
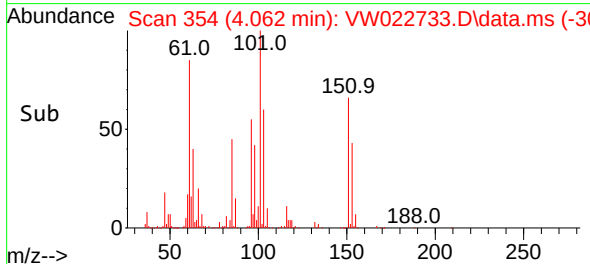
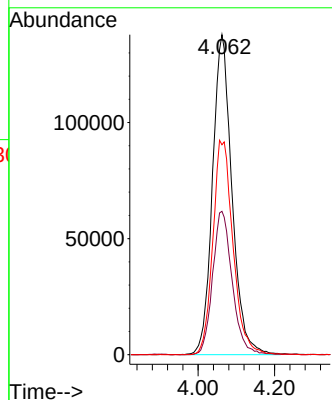
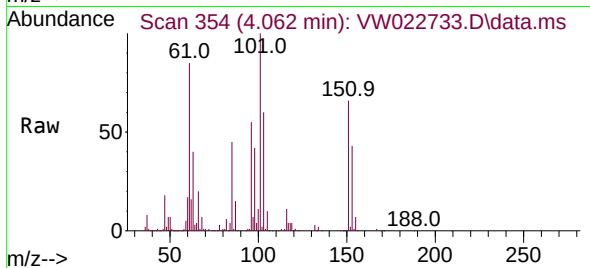
Tgt Ion:101 Resp: 487980

Ion Ratio Lower Upper

101 100

85 44.5 34.3 51.5

151 69.1 54.2 81.2



#12

1,1-Dichloroethene

Concen: 93.651 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.006 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

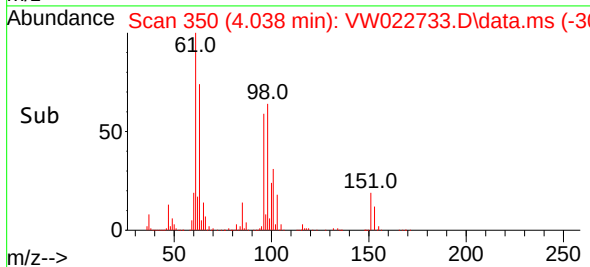
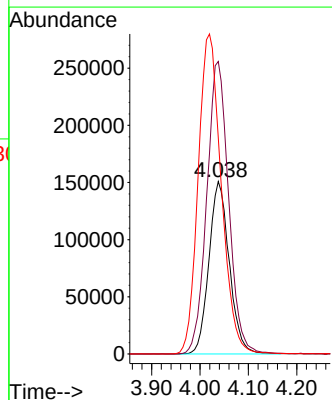
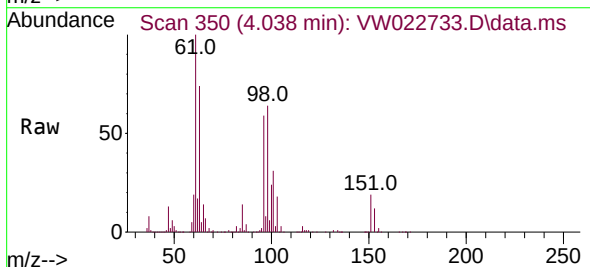
Tgt Ion: 96 Resp: 441058

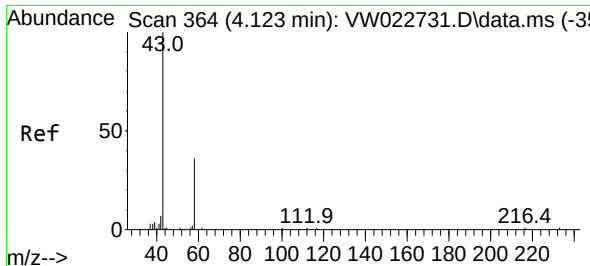
Ion Ratio Lower Upper

96 100

61 169.6 125.7 233.5

63 125.4 83.4 155.0

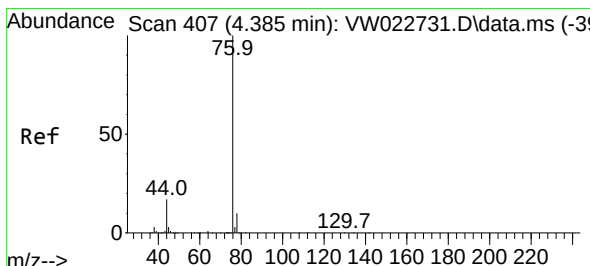
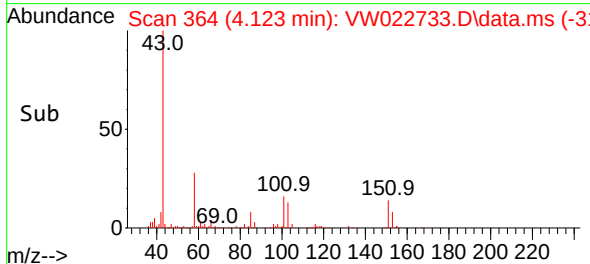
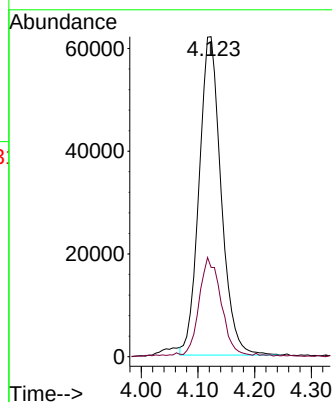
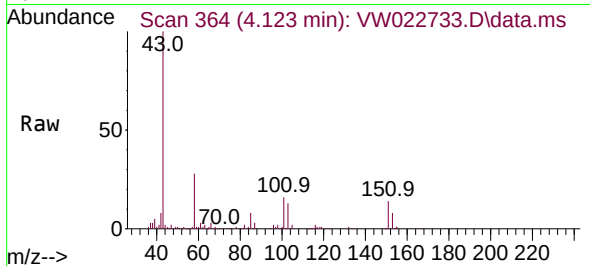




#13
Acetone
Concen: 172.217 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

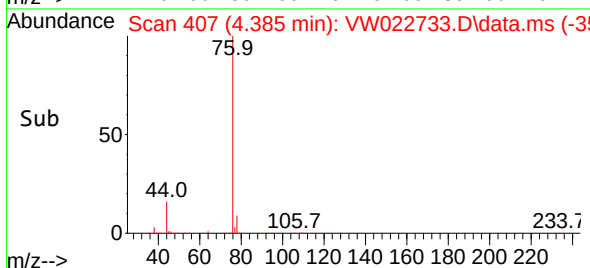
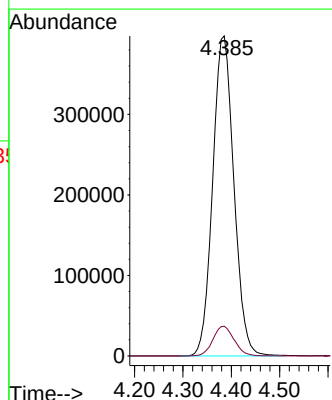
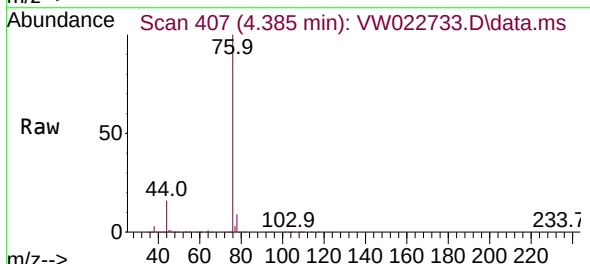
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MSVOA_W
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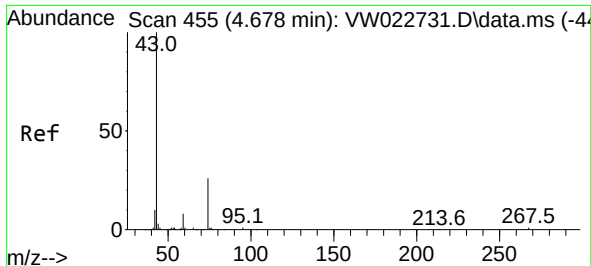
Tgt Ion: 43 Resp: 167345
Ion Ratio Lower Upper
43 100
58 30.9 0.0 64.0



#14
Carbon disulfide
Concen: 93.698 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion: 76 Resp: 1209801
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

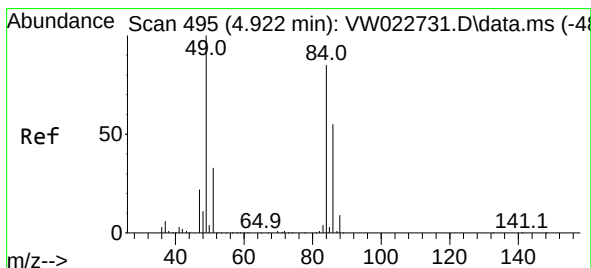
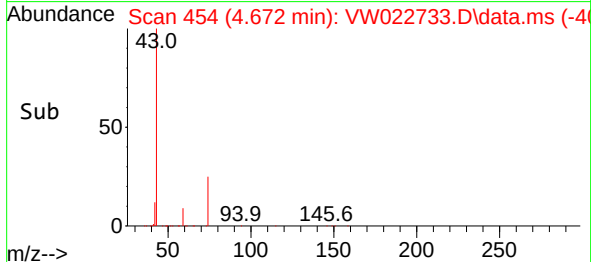
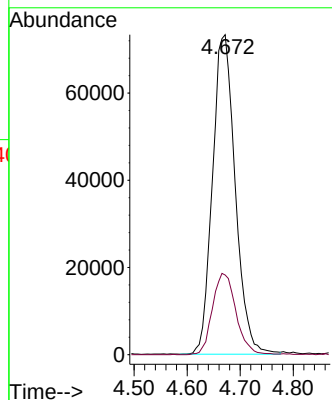
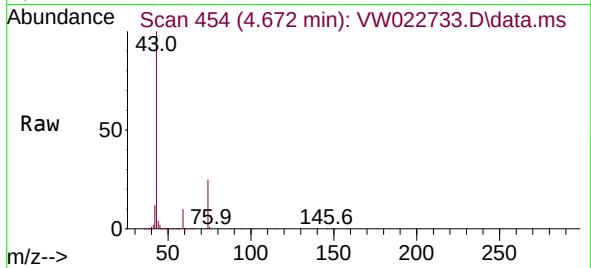




#15
Methyl Acetate
Concen: 97.979 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

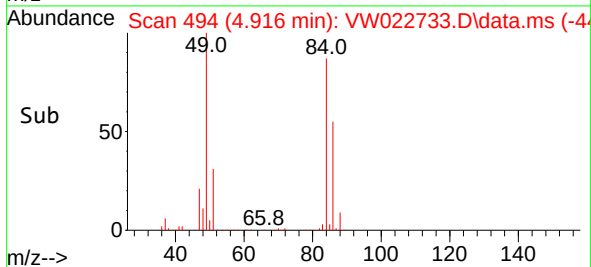
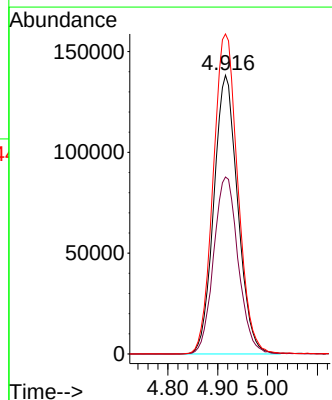
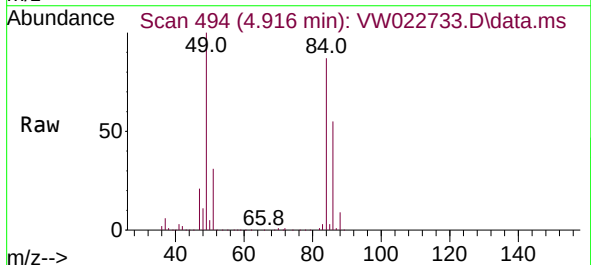
Instrument :
MSVOA_W
ClientSampleId :

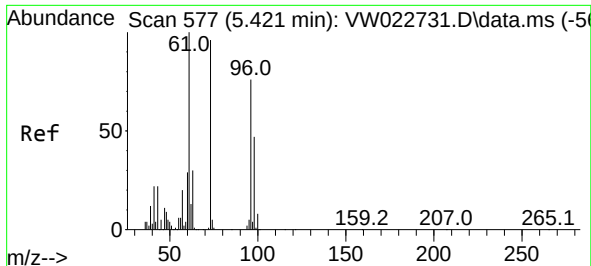
Tgt Ion: 43 Resp: 218745
Ion Ratio Lower Upper
43 100
74 26.2 21.9 32.9



#16
Methylene chloride
Concen: 85.643 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

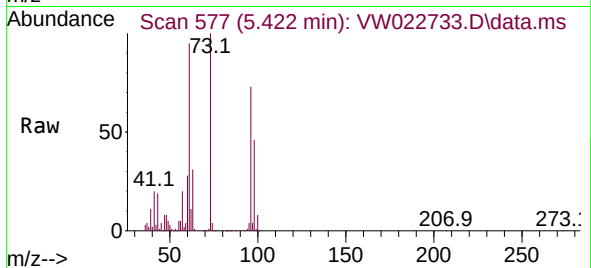
Tgt Ion: 84 Resp: 460809
Ion Ratio Lower Upper
84 100
86 63.5 45.4 84.4
49 114.8 82.5 153.1



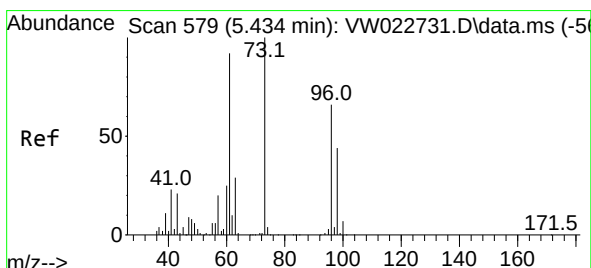
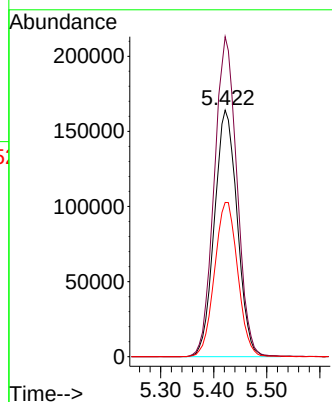
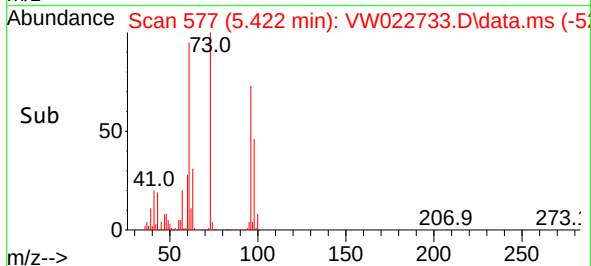


#17
trans-1,2-Dichloroethene
Concen: 92.644 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Instrument :
MSVOA_W
ClientSampleId :

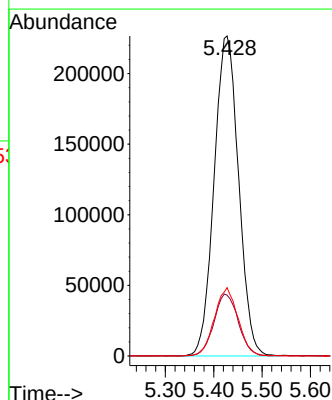
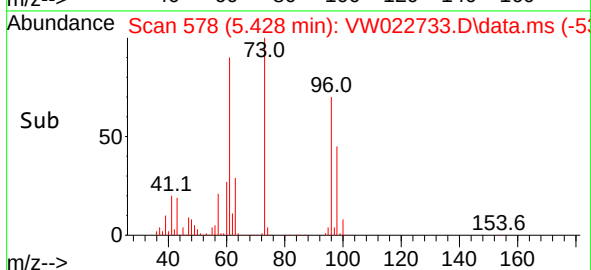
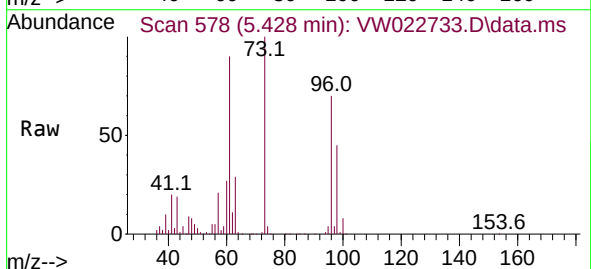


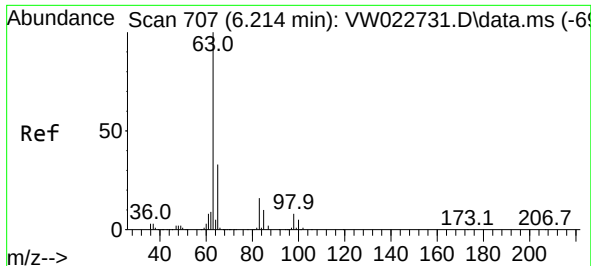
Tgt Ion: 96 Resp: 491005
Ion Ratio Lower Upper
96 100
61 129.8 92.2 171.2
98 62.6 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 98.665 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion: 73 Resp: 796464
Ion Ratio Lower Upper
73 100
43 19.2 15.9 23.9
57 20.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 93.802 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

Instrument :

MSVOA_W

ClientSampleId :

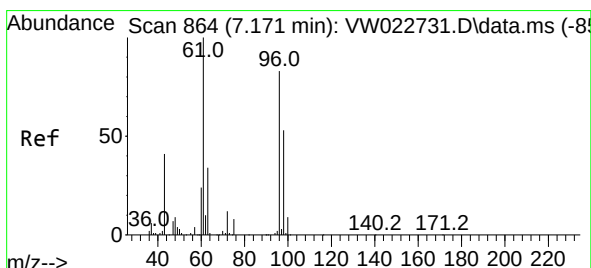
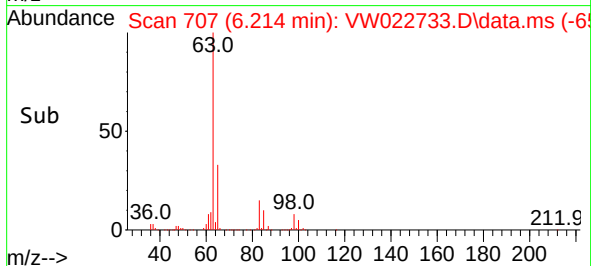
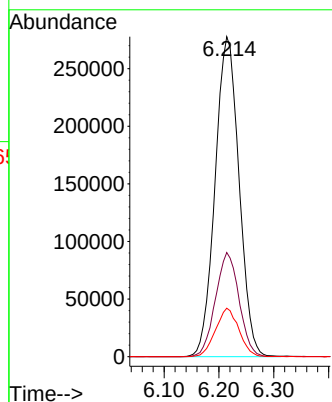
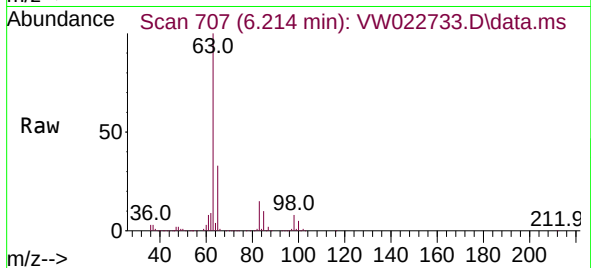
Tgt Ion: 63 Resp: 842574

Ion Ratio Lower Upper

63 100

65 32.5 23.3 43.3

83 15.2 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 96.133 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

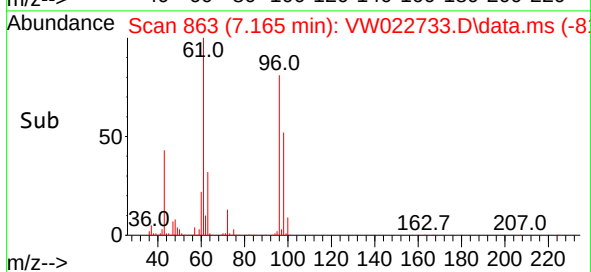
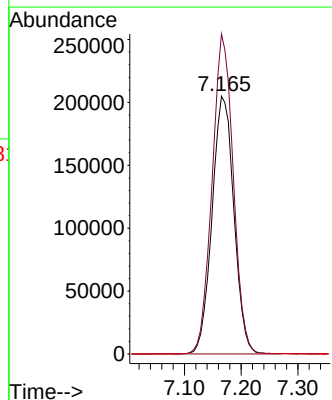
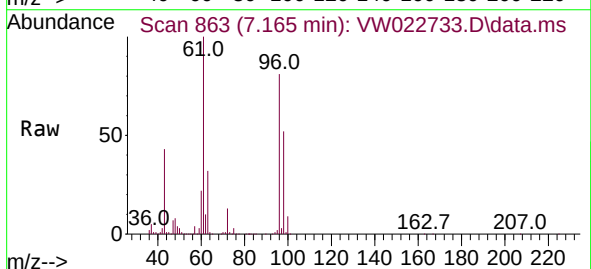
Tgt Ion: 96 Resp: 547243

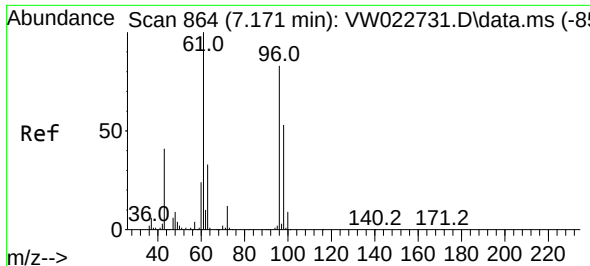
Ion Ratio Lower Upper

96 100

61 124.1 84.2 156.4

68 0.0 0.1 0.1#

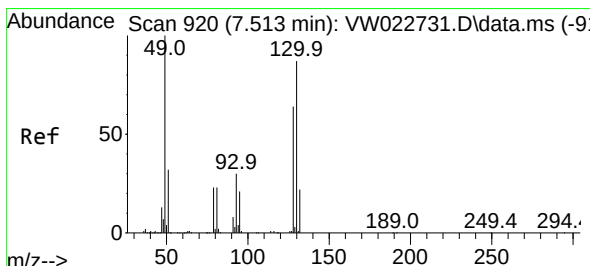
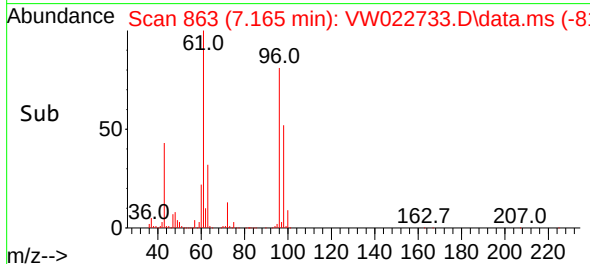
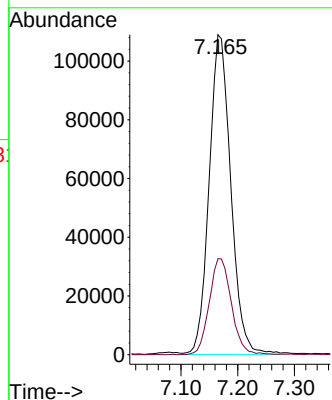
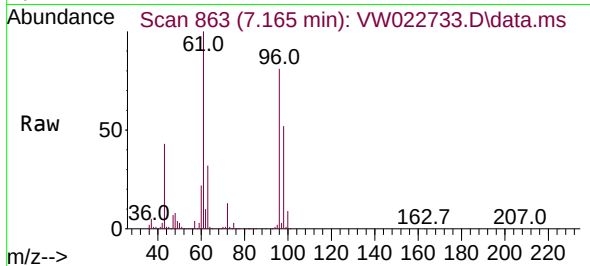




#22
2-Butanone
Concen: 192.547 ug/L
RT: 7.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

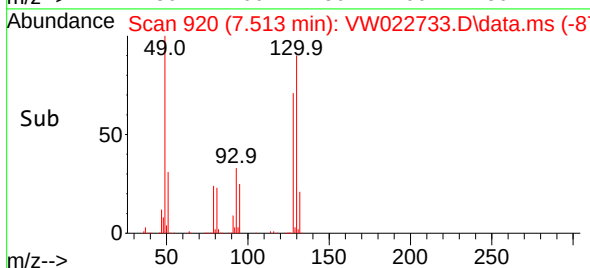
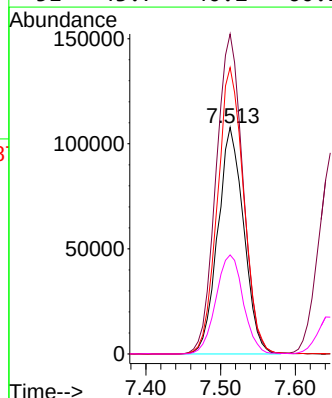
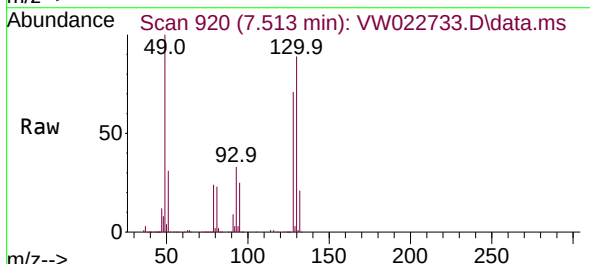
Instrument :
MSVOA_W
ClientSampleId :

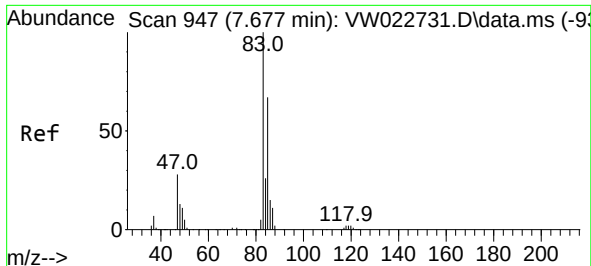
Tgt Ion: 43 Resp: 288735
Ion Ratio Lower Upper
43 100
72 30.4 15.1 45.3



#23
Bromochloromethane
Concen: 97.465 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion: 128 Resp: 259837
Ion Ratio Lower Upper
128 100
49 141.3 110.0 204.4
130 126.4 94.8 176.0
51 43.7 40.2 60.2

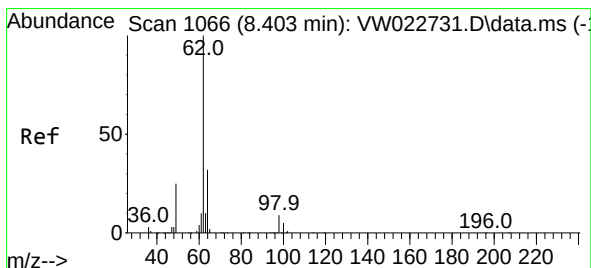
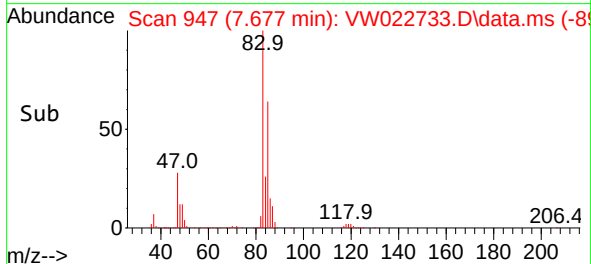
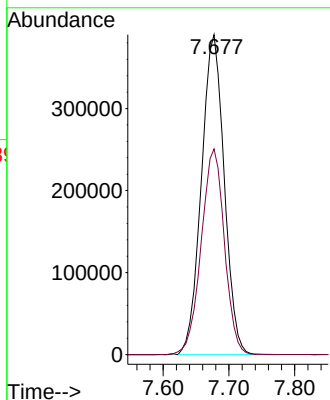
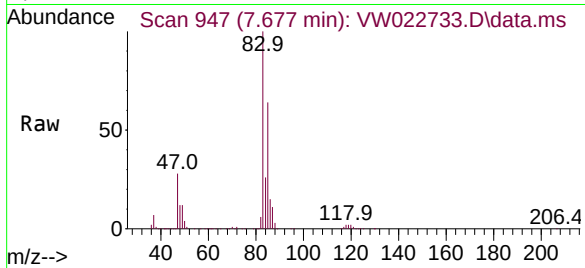




#25
Chloroform
Concen: 94.841 ug/L
RT: 7.677 min Scan# 941
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

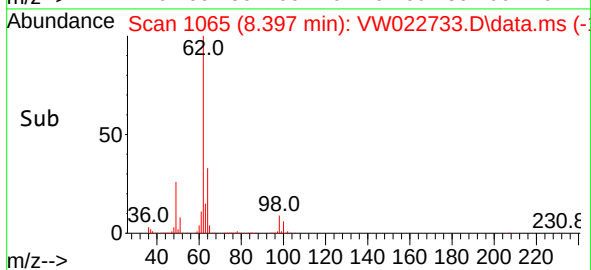
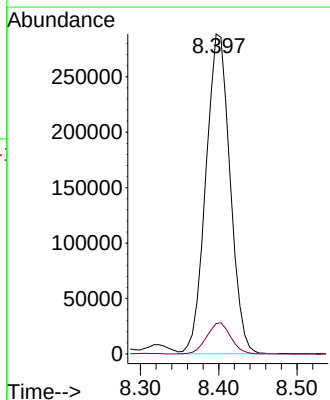
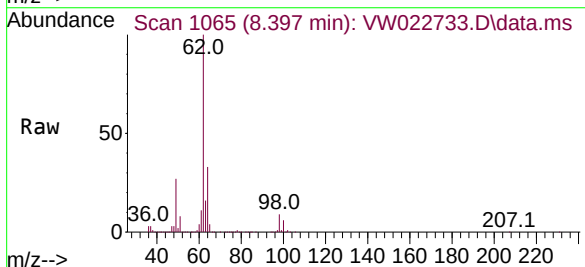
Instrument :
MSVOA_W
ClientSampleId :

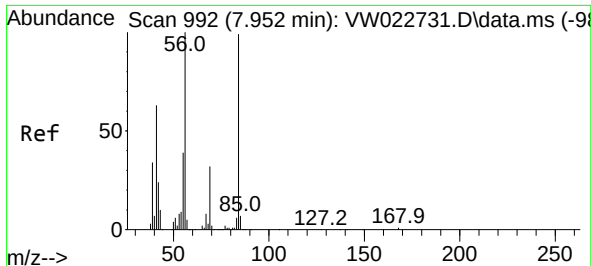
Tgt Ion: 83 Resp: 941991
Ion Ratio Lower Upper
83 100
85 64.3 46.6 86.6



#27
1,2-Dichloroethane
Concen: 93.571 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

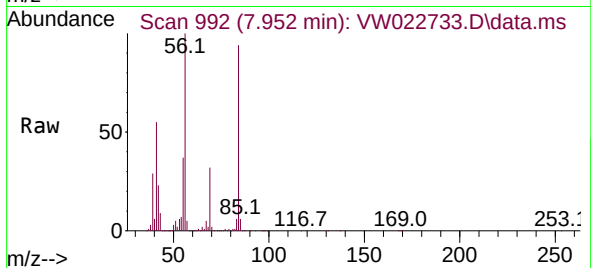
Tgt Ion: 62 Resp: 619519
Ion Ratio Lower Upper
62 100
98 9.5 7.2 10.8



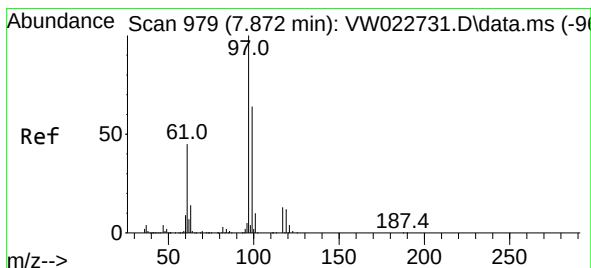
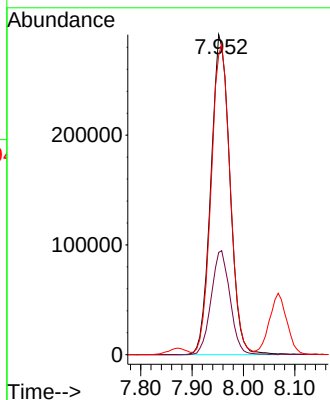
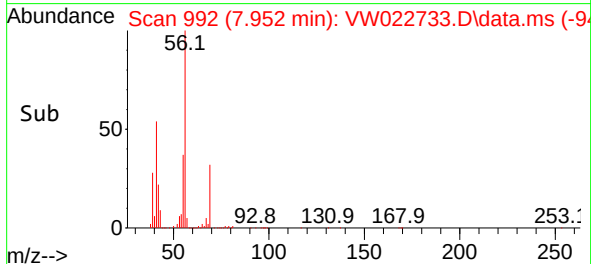


#29
Cyclohexane
Concen: 92.608 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Instrument :
MSVOA_W
ClientSampleId :

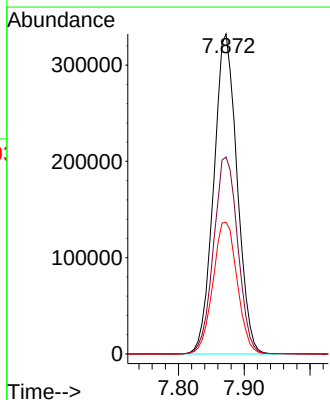
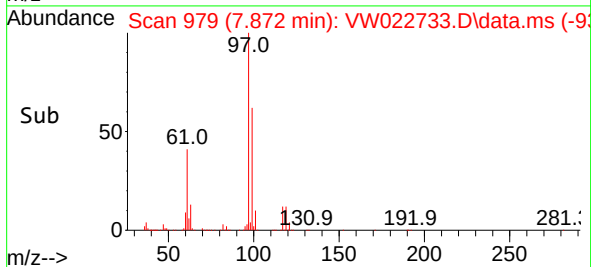
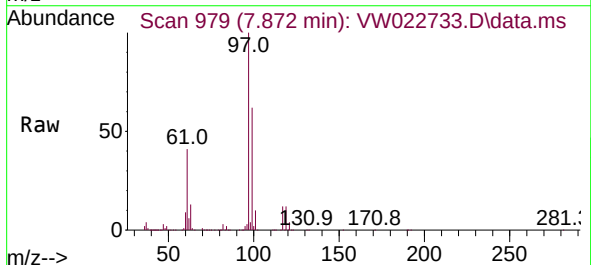


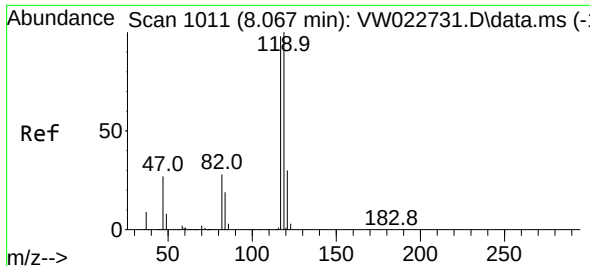
Tgt Ion: 56 Resp: 749894
Ion Ratio Lower Upper
56 100
69 32.1 25.6 38.4
84 96.9 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 93.018 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion: 97 Resp: 823043
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 42.8 34.8 52.2

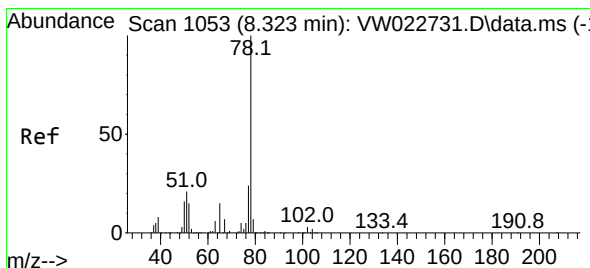
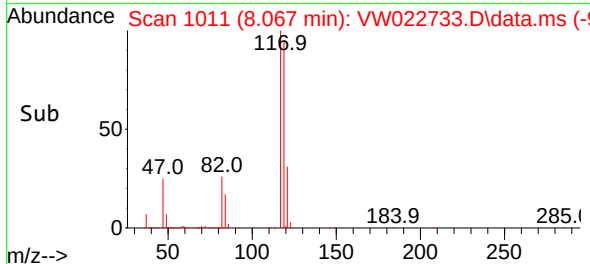
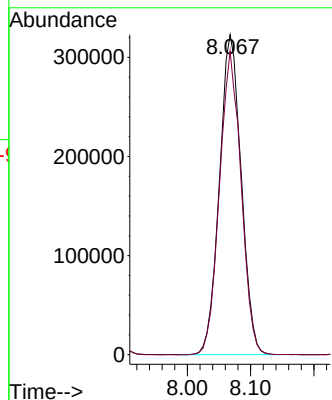
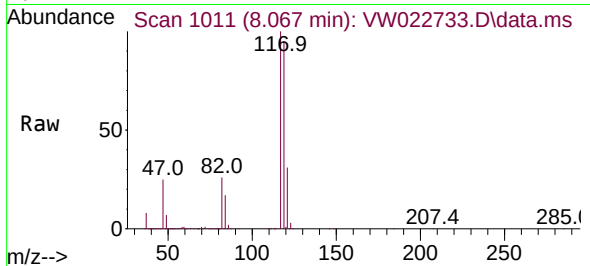




#31
Carbon tetrachloride
Concen: 93.185 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

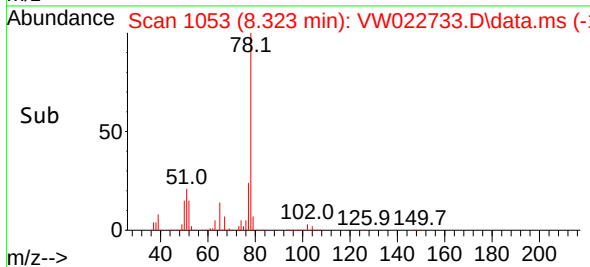
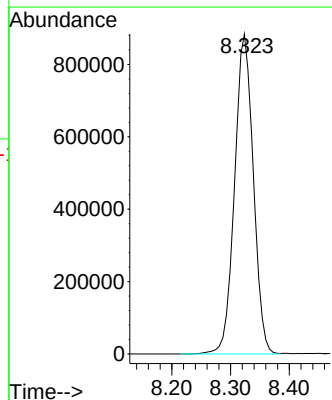
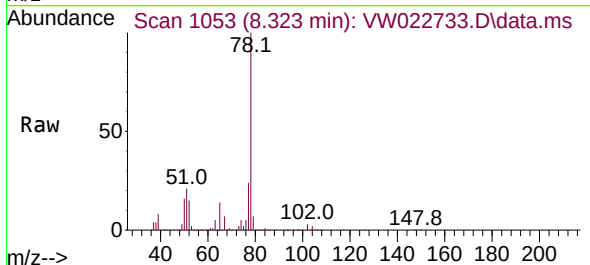
Instrument :
MSVOA_W
ClientSampleId :

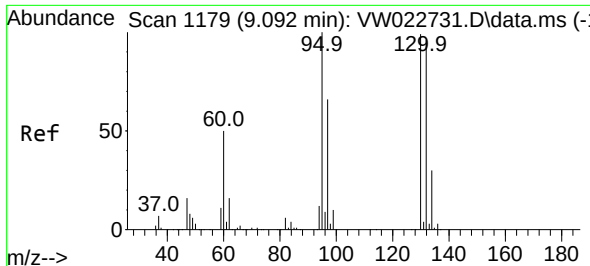
Tgt Ion:117 Resp: 771281
Ion Ratio Lower Upper
117 100
119 93.7 76.6 115.0



#33
Benzene
Concen: 88.784 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

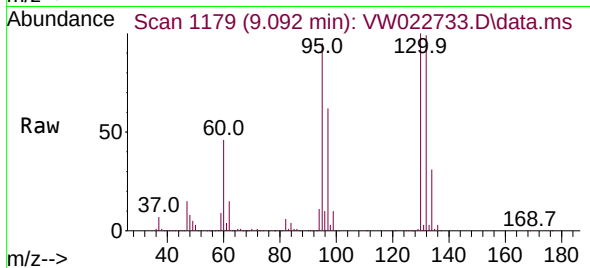
Tgt Ion: 78 Resp: 1958329



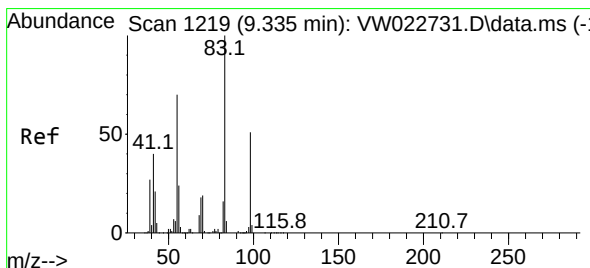
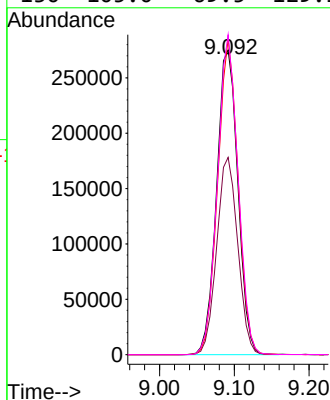
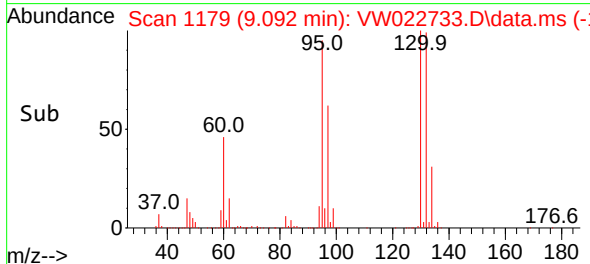


#34
Trichloroethene
Concen: 89.667 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

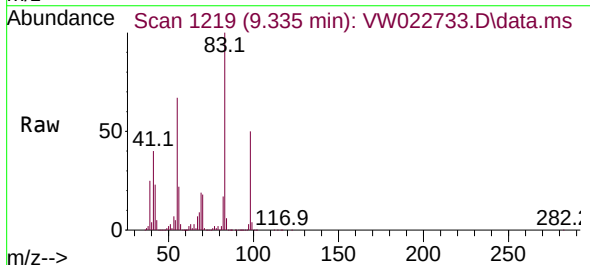
Instrument :
MSVOA_W
ClientSampleId :



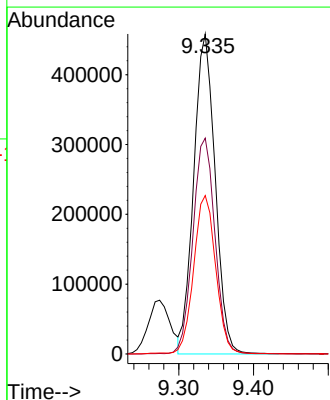
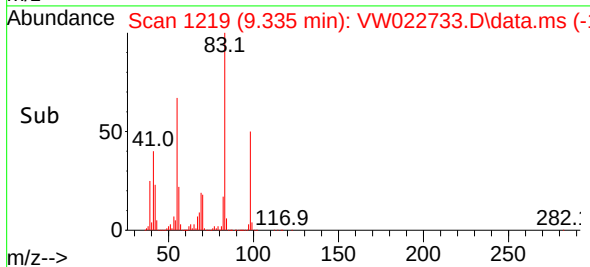
Tgt Ion: 95 Resp: 543916
Ion Ratio Lower Upper
95 100
97 64.7 46.1 85.7
132 103.7 66.9 124.3
130 105.0 69.5 129.1

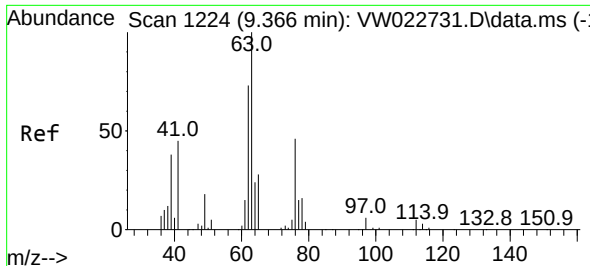


#35
Methylcyclohexane
Concen: 91.727 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34



Tgt Ion: 83 Resp: 914072
Ion Ratio Lower Upper
83 100
55 69.1 55.1 82.7
98 50.8 40.4 60.6





#37

1,2-Dichloropropane

Concen: 89.077 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

Instrument :

MSVOA_W

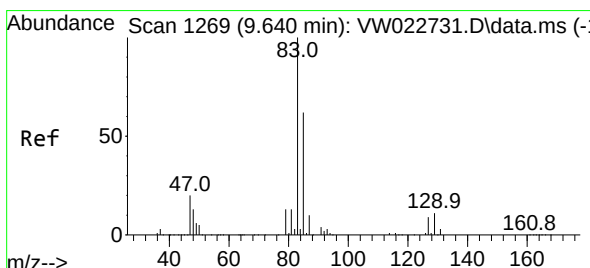
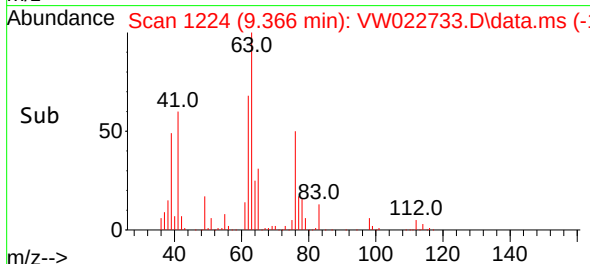
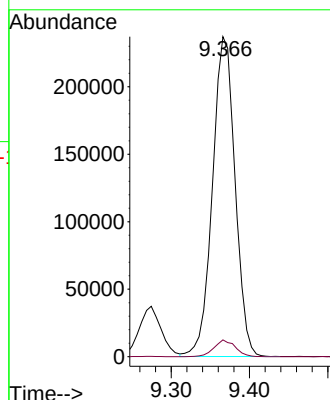
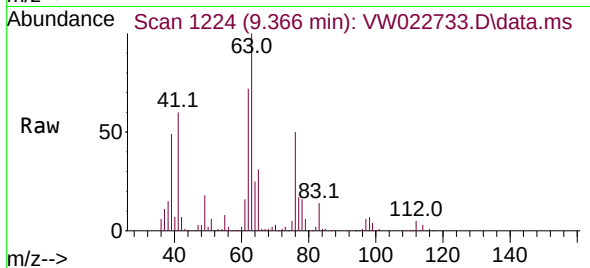
ClientSampleId :

Tgt Ion: 63 Resp: 475470

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 94.775 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

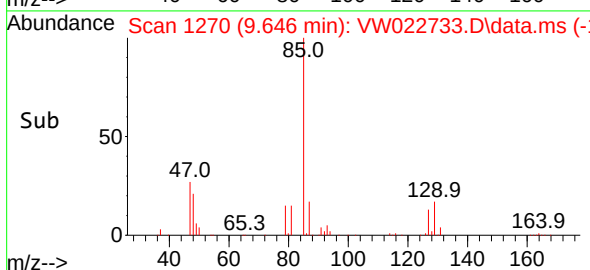
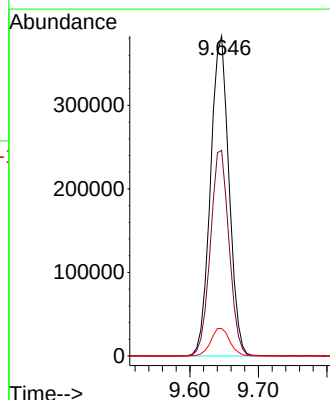
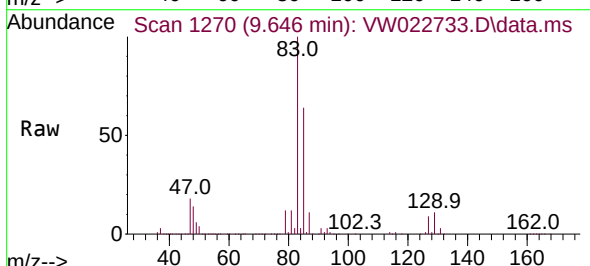
Tgt Ion: 83 Resp: 718547

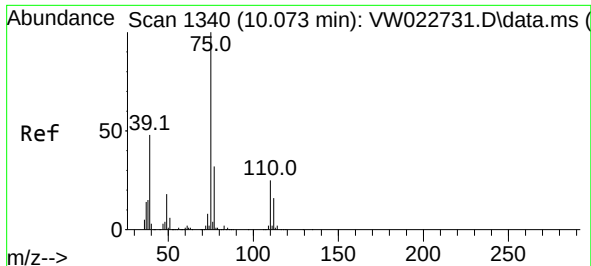
Ion Ratio Lower Upper

83 100

85 64.3 43.5 80.7

127 8.6 7.1 10.7

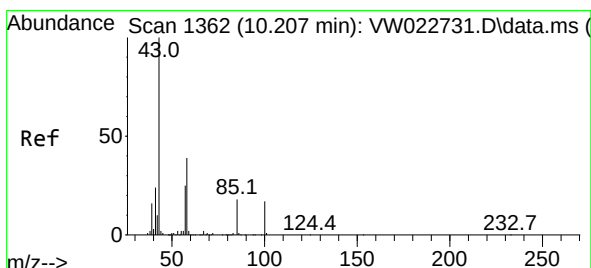
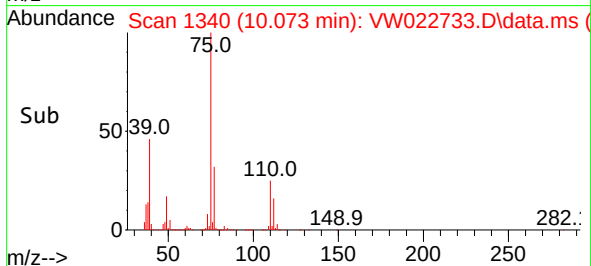
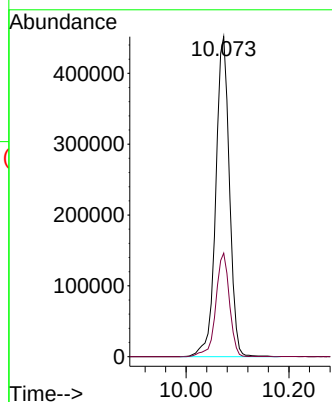
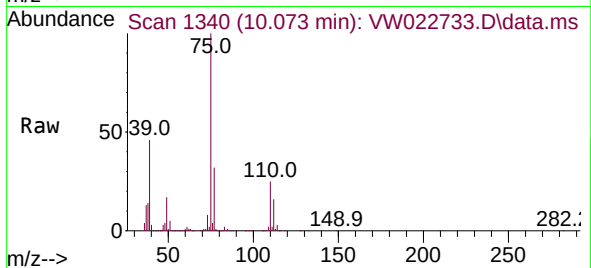




#39
 cis-1,3-Dichloropropene
 Concen: 100.982 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW022733.D
 Acq: 02 May 2022 11:34

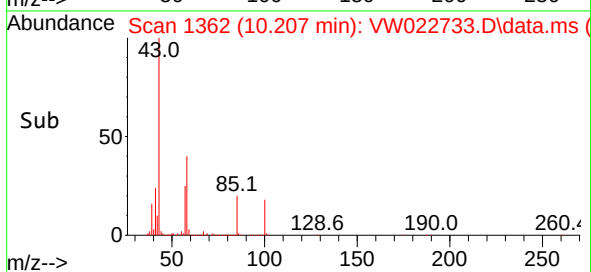
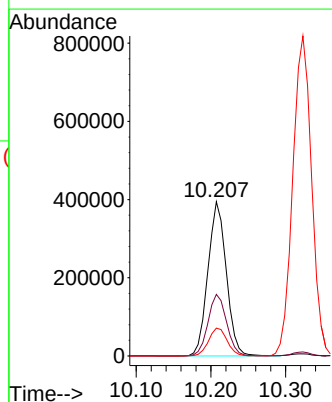
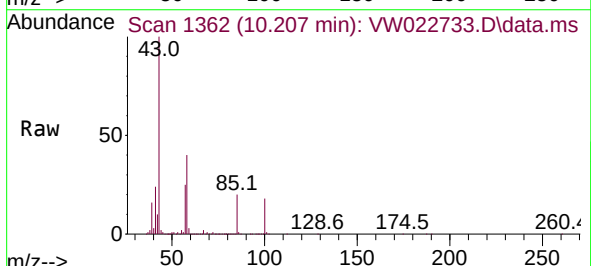
Instrument :
 MSVOA_W
 ClientSampleId :

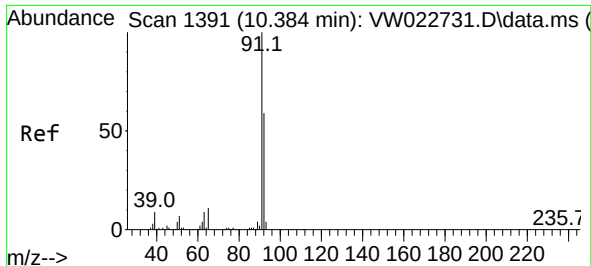
Tgt Ion: 75 Resp: 835785
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 200.373 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW022733.D
 Acq: 02 May 2022 11:34

Tgt Ion: 43 Resp: 674128
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.4 47.2
 100 18.3 14.2 21.4

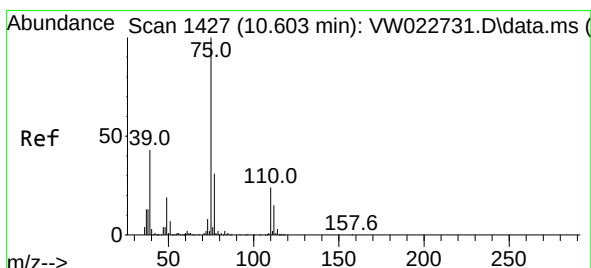
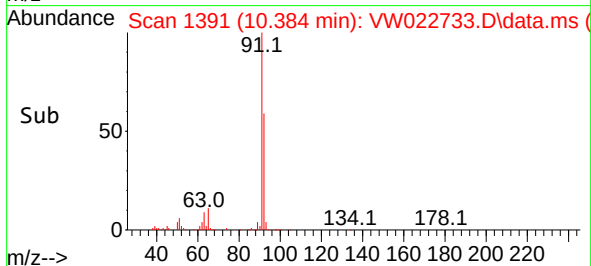
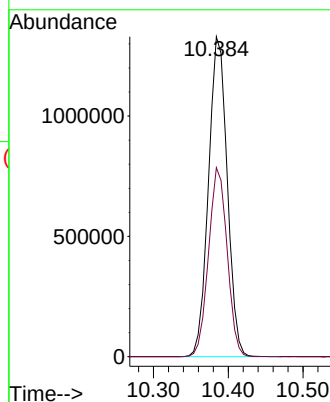
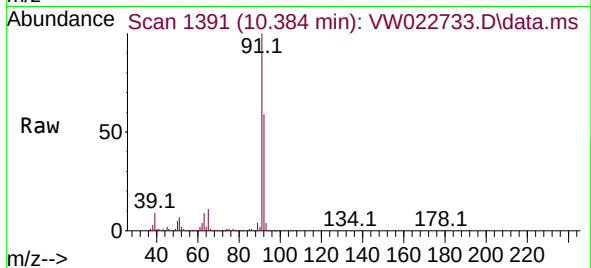




#42
Toluene
Concen: 93.674 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

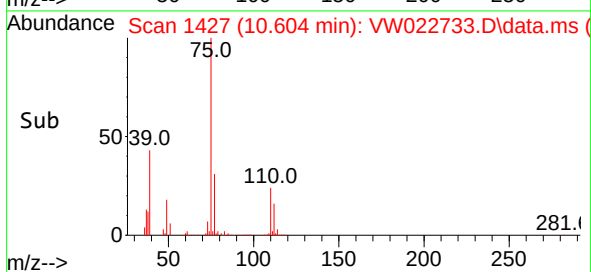
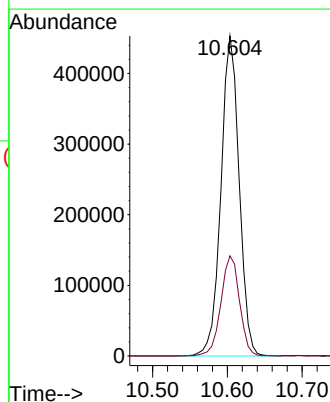
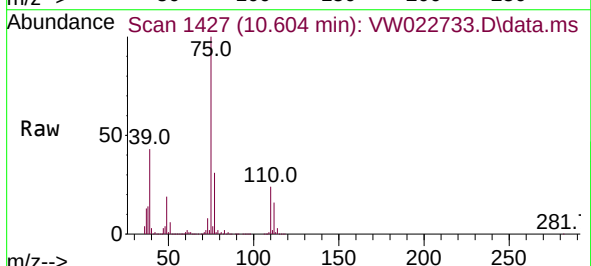
Instrument :
MSVOA_W
ClientSampleId :

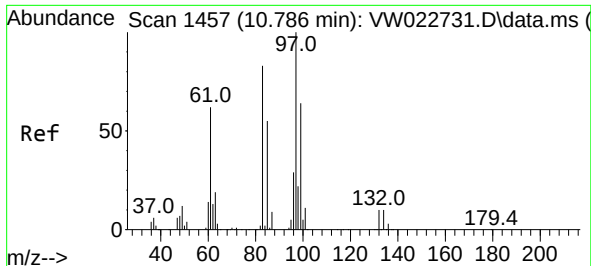
Tgt Ion: 91 Resp: 2315545
Ion Ratio Lower Upper
91 100
92 59.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 104.165 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

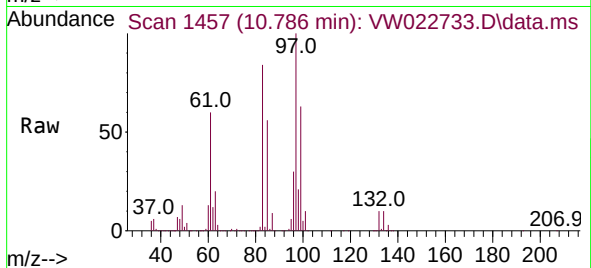
Tgt Ion: 75 Resp: 769507
Ion Ratio Lower Upper
75 100
77 31.3 22.0 40.8



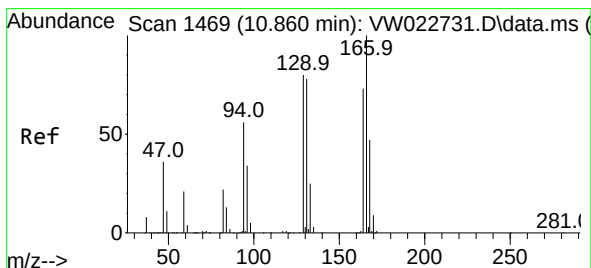
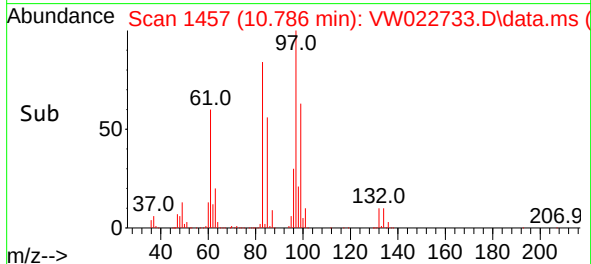
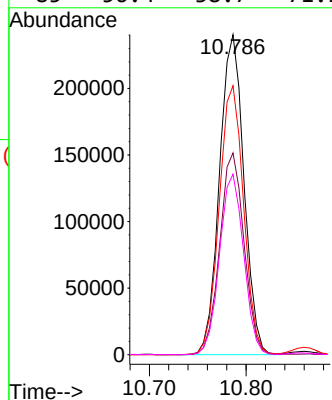


#45
1,1,2-Trichloroethane
Concen: 94.327 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Instrument :
MSVOA_W
ClientSampleId :

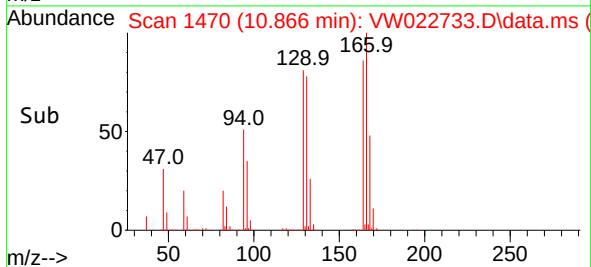
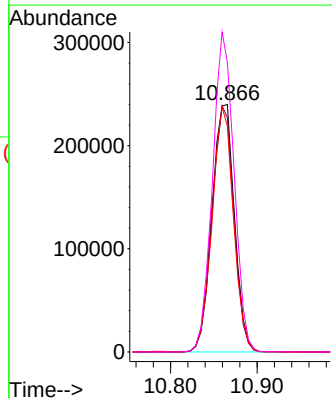
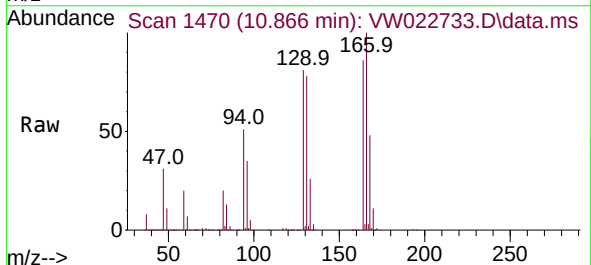


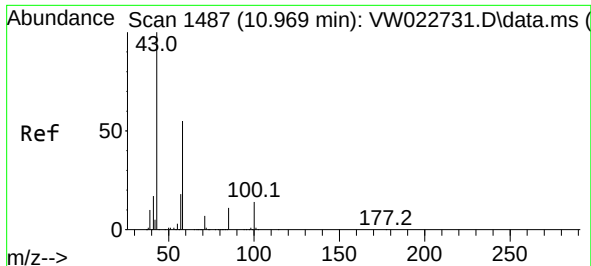
Tgt Ion:	97	Resp:	420903
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.7	82.9
83	84.1	58.4	108.4
85	56.4	38.7	71.9



#46
Tetrachloroethene
Concen: 94.536 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

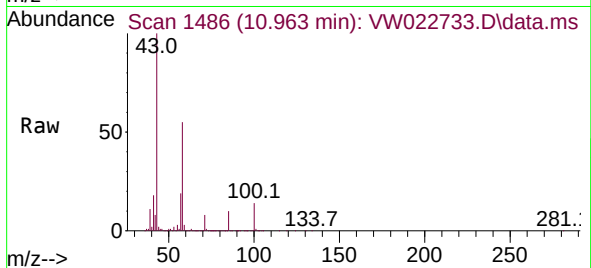
Tgt Ion:	164	Resp:	430955
Ion	Ratio	Lower	Upper
164	100		
129	94.8	76.9	142.7
131	91.3	75.1	139.5
166	117.0	96.0	178.2



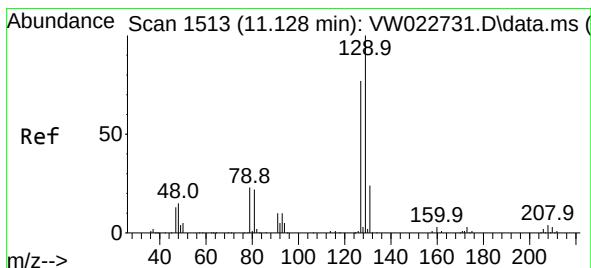
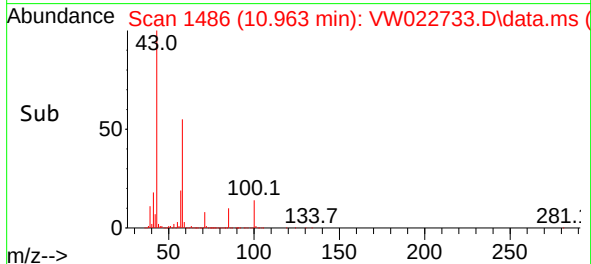
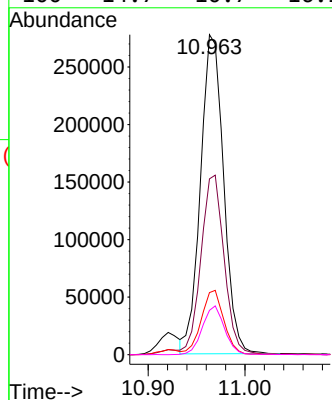


#48
2-Hexanone
Concen: 205.604 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Instrument :
MSVOA_W
ClientSampleId :

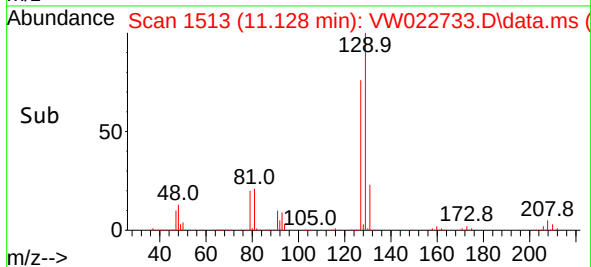
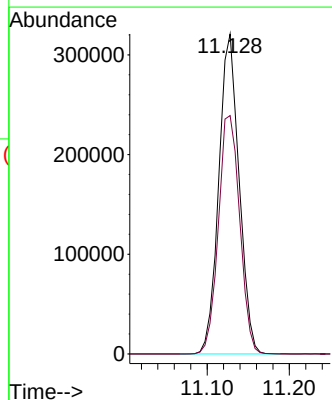
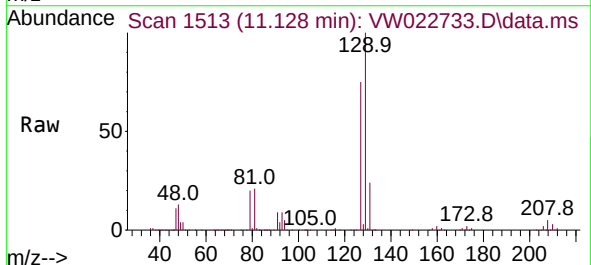


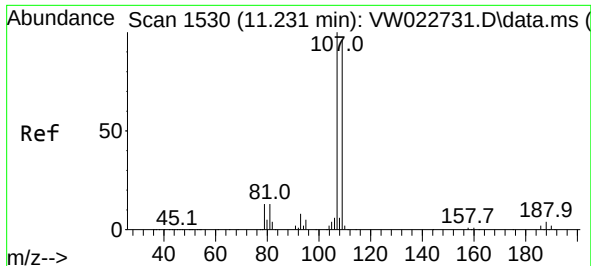
Tgt Ion: 43 Resp: 462183
Ion Ratio Lower Upper
43 100
58 56.2 45.9 68.9
57 19.7 16.2 24.2
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 102.430 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion:129 Resp: 550097
Ion Ratio Lower Upper
129 100
127 74.5 53.8 100.0





#50

1,2-Dibromoethane

Concen: 96.892 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

Instrument :

MSVOA_W

ClientSampleId :

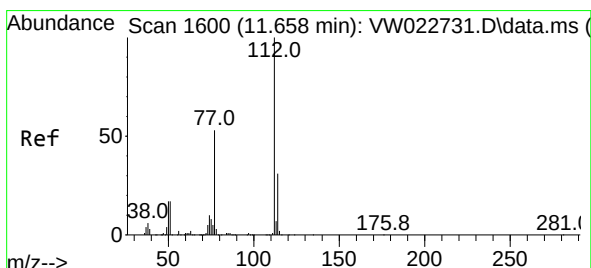
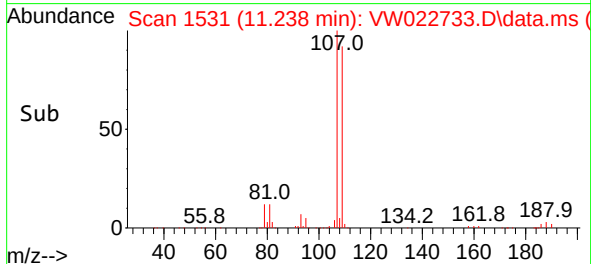
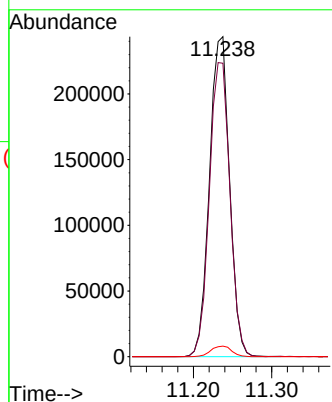
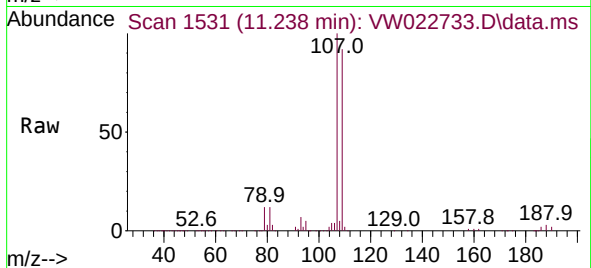
Tgt Ion:107 Resp: 434133

Ion Ratio Lower Upper

107 100

109 91.7 67.5 125.4

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 95.336 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

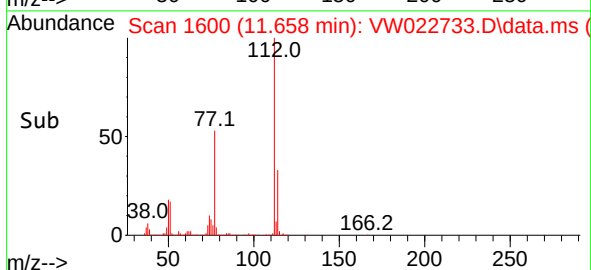
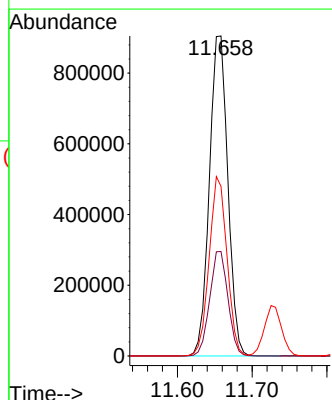
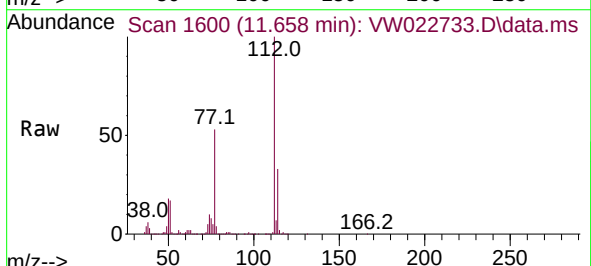
Tgt Ion:112 Resp: 1553643

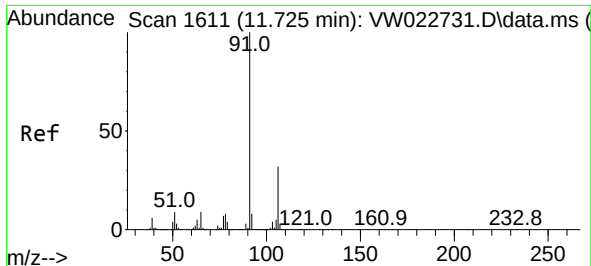
Ion Ratio Lower Upper

112 100

114 32.6 22.0 41.0

77 53.0 42.6 63.8

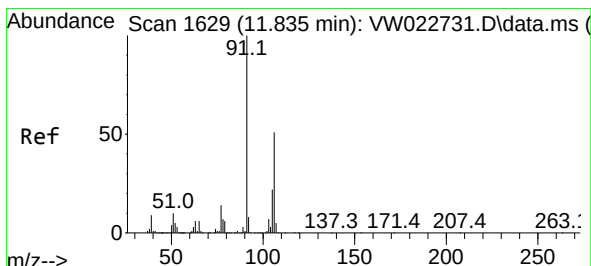
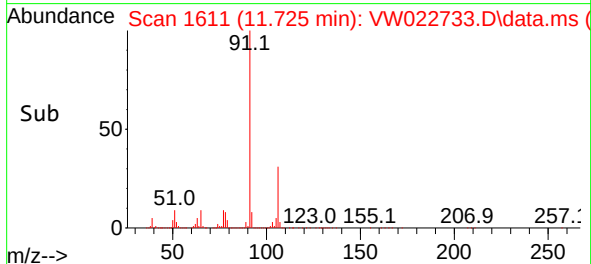
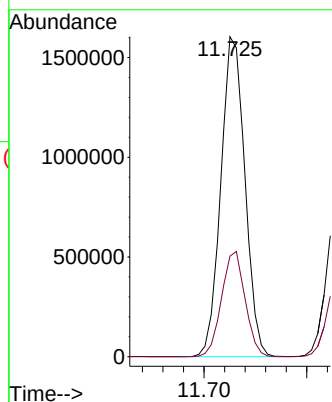
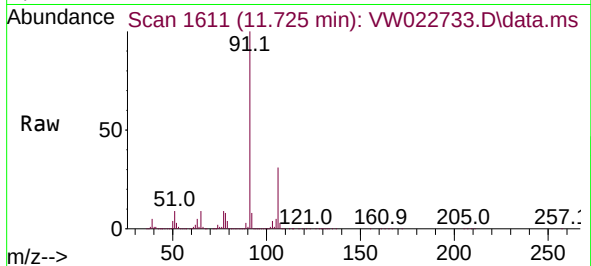




#52
Ethylbenzene
Concen: 94.737 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

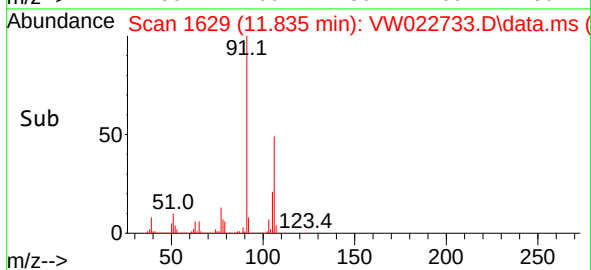
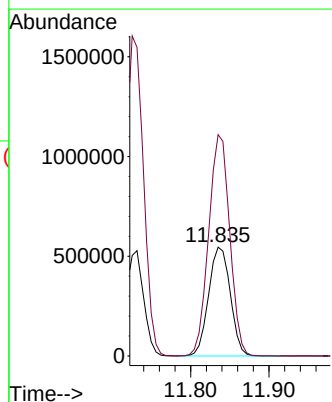
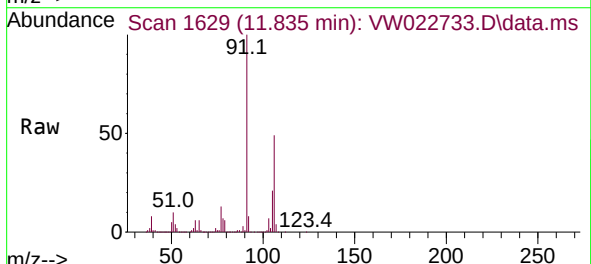
Instrument :
MSVOA_W
ClientSampleId :

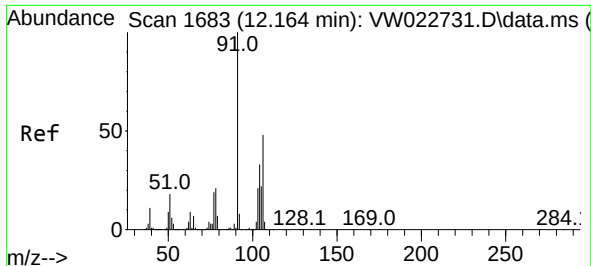
Tgt Ion: 91 Resp: 2605325
Ion Ratio Lower Upper
91 100
106 31.4 22.3 41.3



#53
m,p-Xylene
Concen: 96.723 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion:106 Resp: 1048078
Ion Ratio Lower Upper
106 100
91 203.3 136.8 254.0

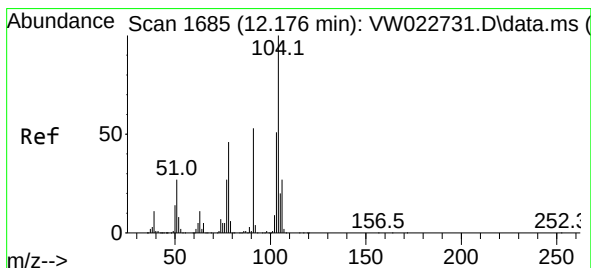
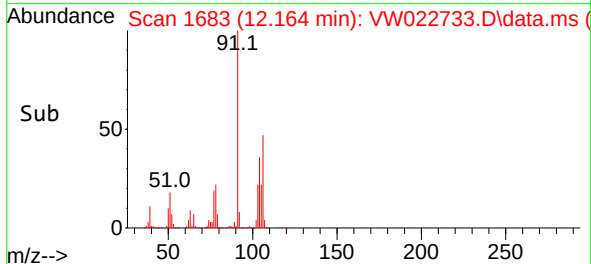
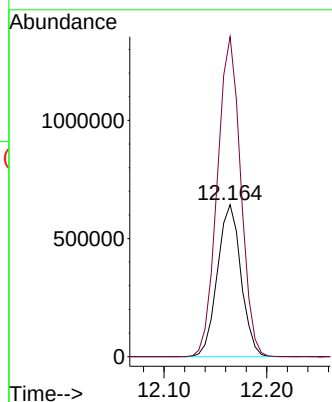
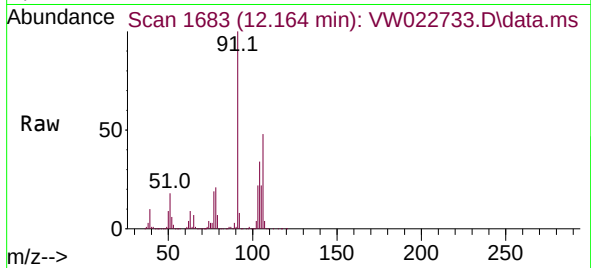




#54
o-Xylene
Concen: 98.352 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

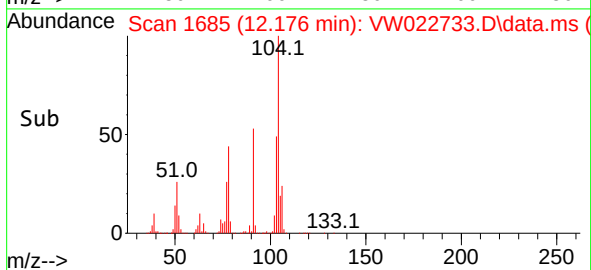
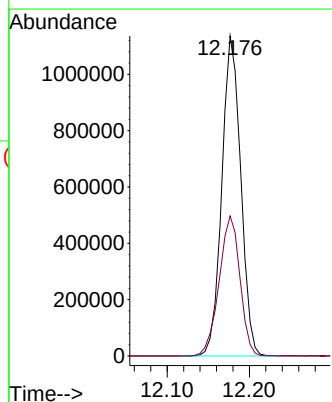
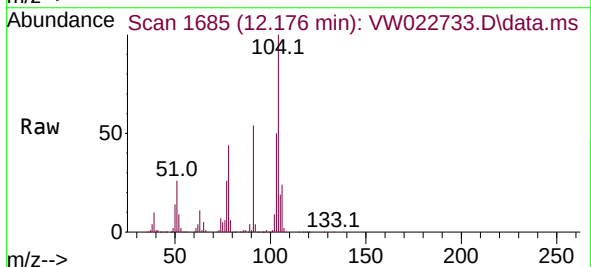
Instrument :
MSVOA_W
ClientSampleId :

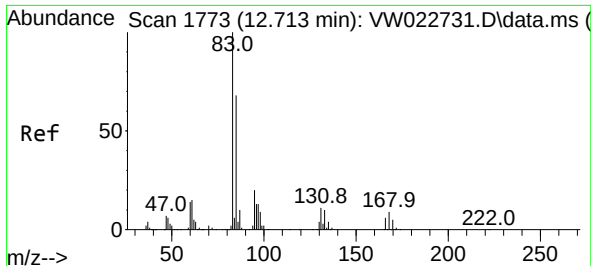
Tgt Ion:106 Resp: 1022692
Ion Ratio Lower Upper
106 100
91 210.4 147.2 273.4



#55
Styrene
Concen: 102.821 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion:104 Resp: 1816753
Ion Ratio Lower Upper
104 100
78 43.8 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 96.783 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022733.D

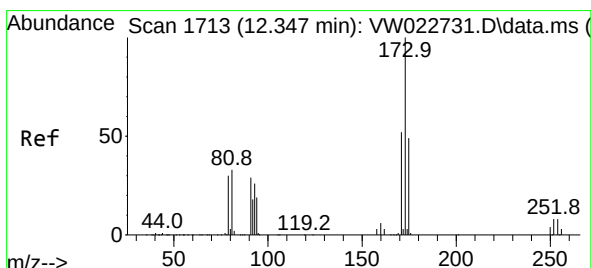
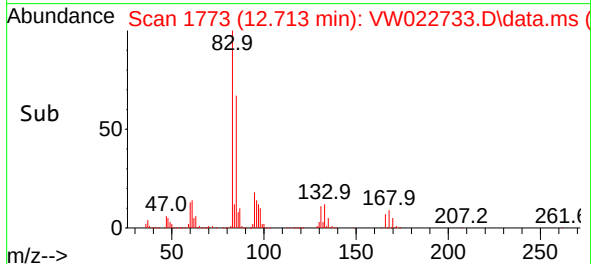
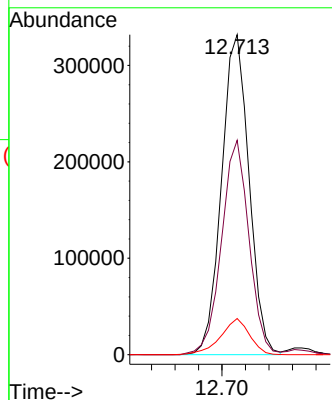
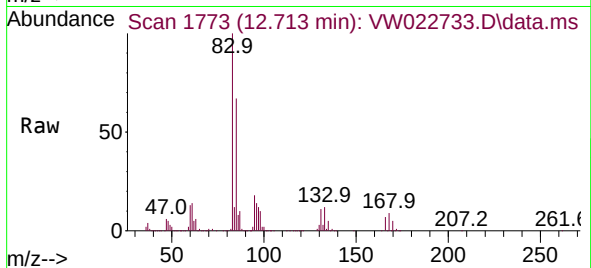
Acq: 02 May 2022 11:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 539406
Ion Ratio	Lower Upper
83	100
85	67.0 47.5 88.1
131	11.3 8.7 13.1



#59

Bromoform

Concen: 114.766 ug/L

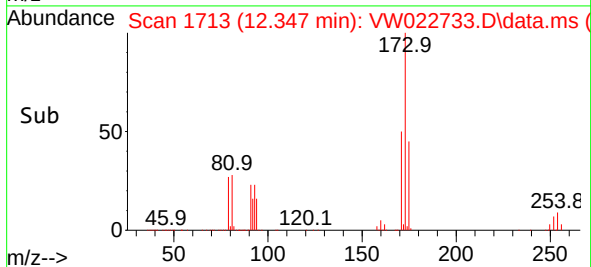
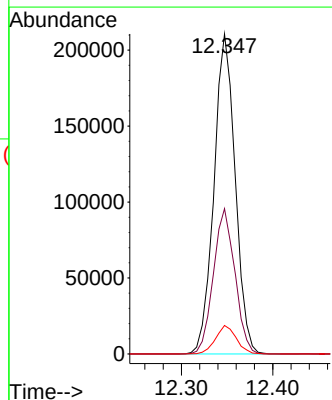
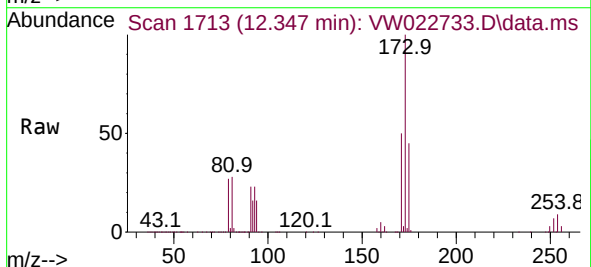
RT: 12.347 min Scan# 1713

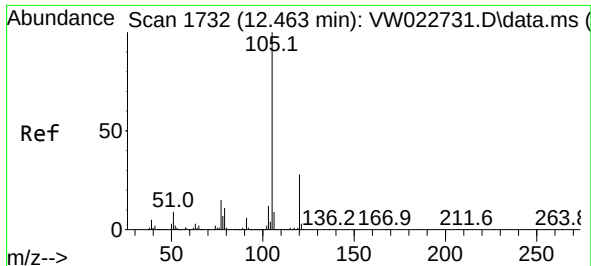
Delta R.T. 0.000 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

Tgt Ion: 173	Resp: 339943
Ion Ratio	Lower Upper
173	100
175	46.0 38.1 57.1
254	8.8 6.5 9.7

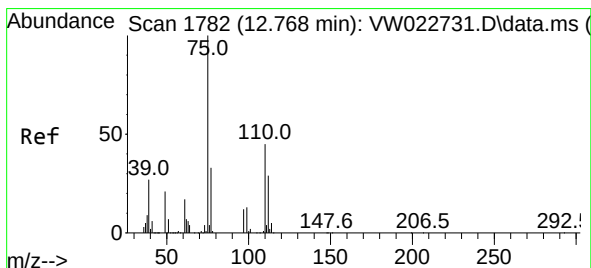
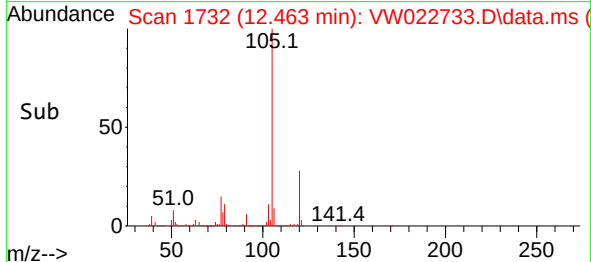
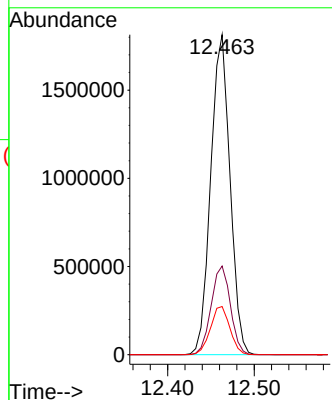
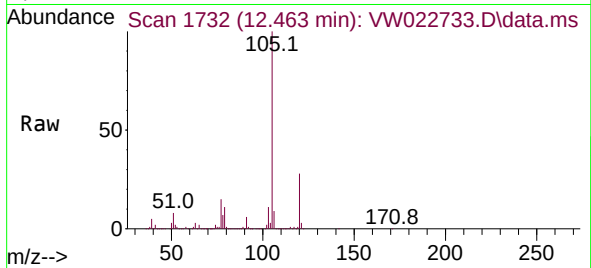




#60
Isopropylbenzene
Concen: 97.893 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

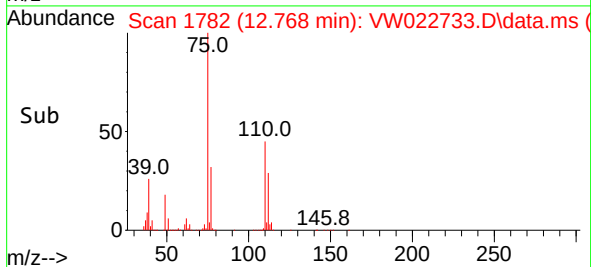
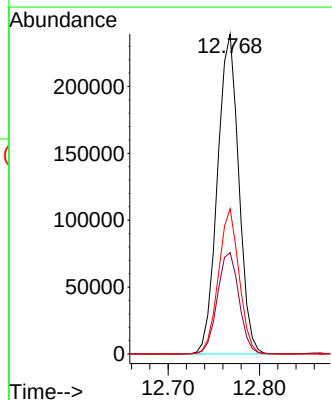
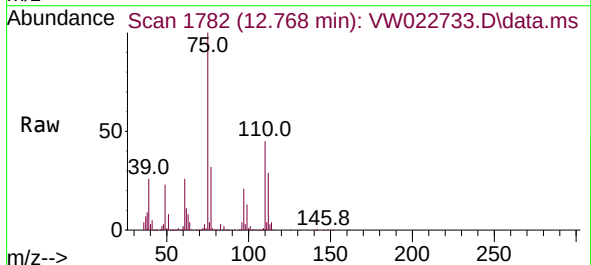
Instrument :
MSVOA_W
ClientSampleId :

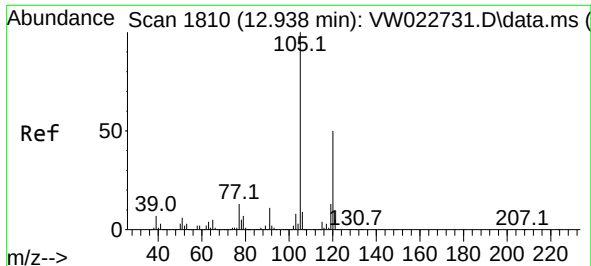
Tgt Ion:105 Resp: 2803030
Ion Ratio Lower Upper
105 100
120 27.7 21.3 31.9
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 92.810 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion: 75 Resp: 387597
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 43.9 34.1 51.1

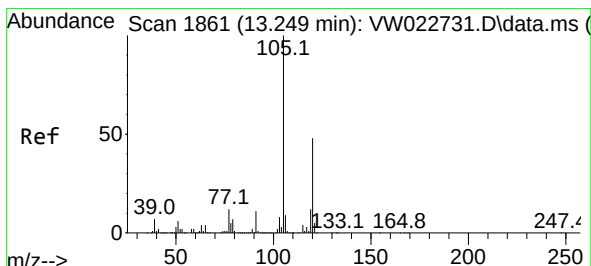
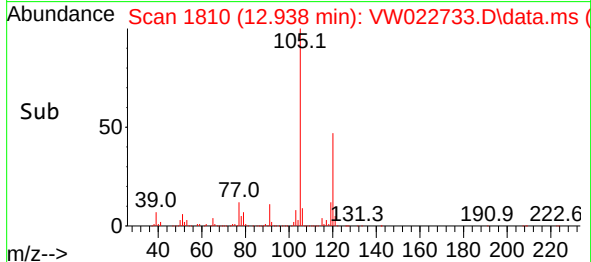
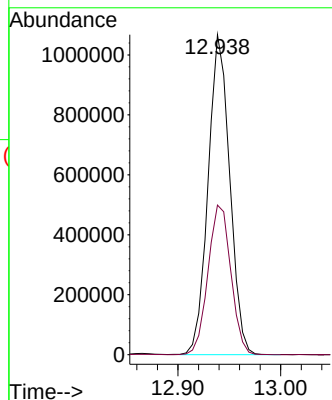
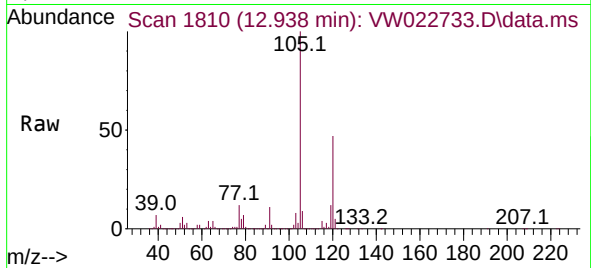




#62
 1,3,5-Trimethylbenzene
 Concen: 97.909 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022733.D
 Acq: 02 May 2022 11:34

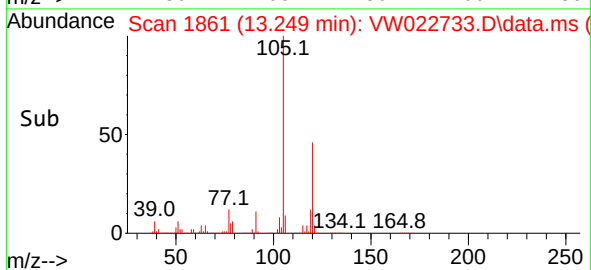
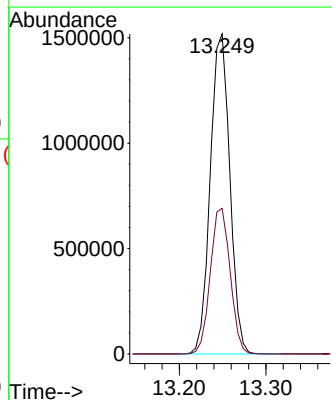
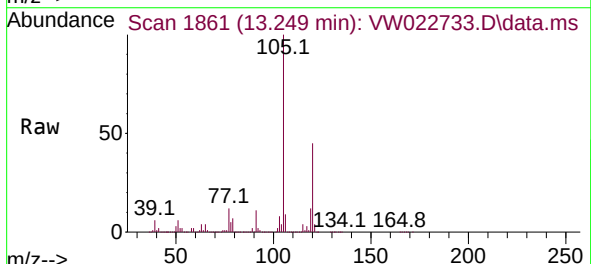
Instrument :
 MSVOA_W
 ClientSampleId :

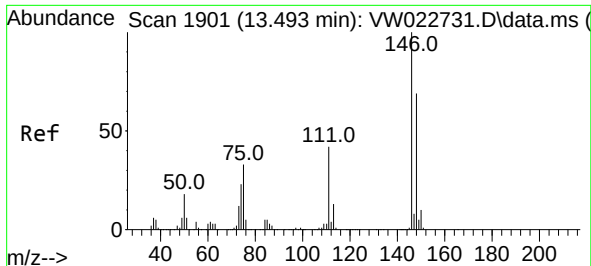
Tgt Ion:105 Resp: 1559689
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 99.497 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022733.D
 Acq: 02 May 2022 11:34

Tgt Ion:105 Resp: 2379896
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.4 56.2

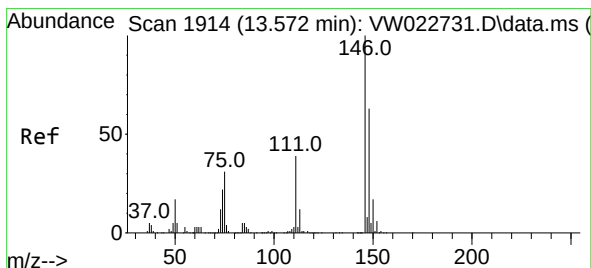
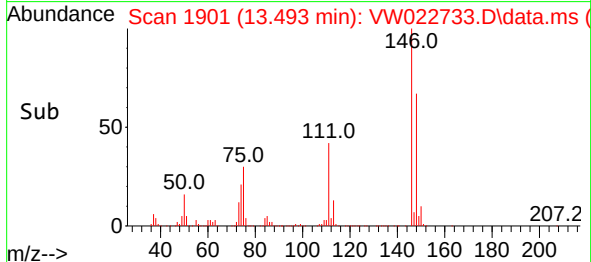
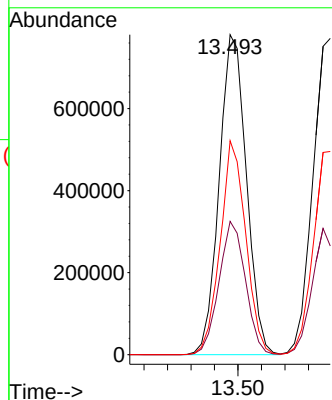
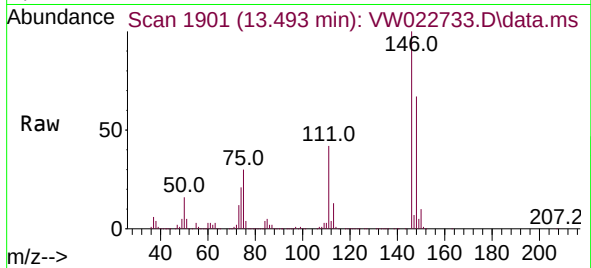




#64
1,3-Dichlorobenzene
Concen: 98.122 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

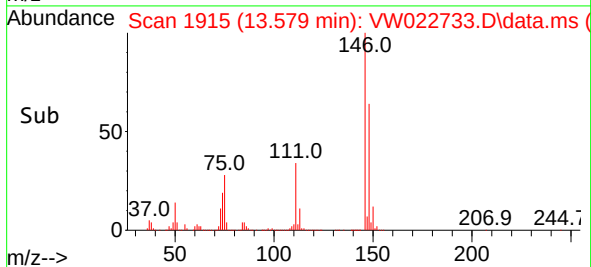
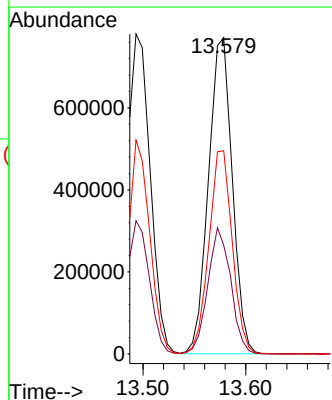
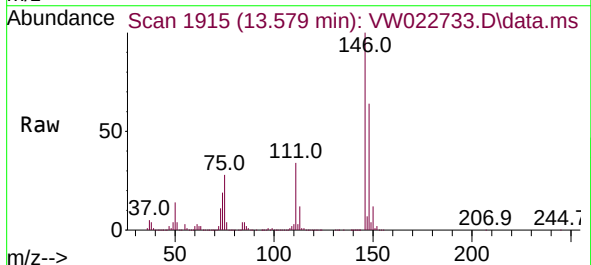
Instrument :
MSVOA_W
ClientSampleId :

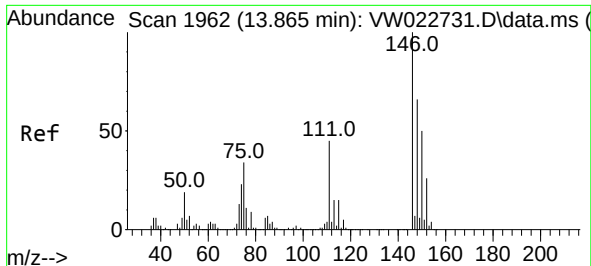
Tgt Ion:146 Resp: 1254397
Ion Ratio Lower Upper
146 100
111 41.7 29.5 54.9
148 66.8 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 94.054 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022733.D
Acq: 02 May 2022 11:34

Tgt Ion:146 Resp: 1241952
Ion Ratio Lower Upper
146 100
111 34.4 27.2 50.4
148 64.2 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 96.278 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

Instrument :

MSVOA_W

ClientSampleId :

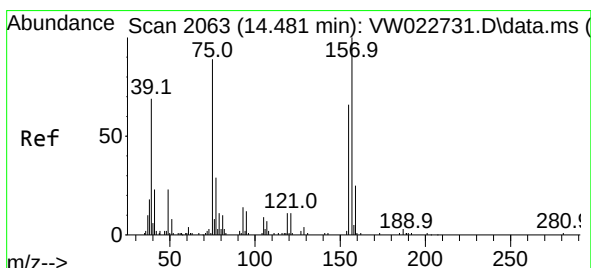
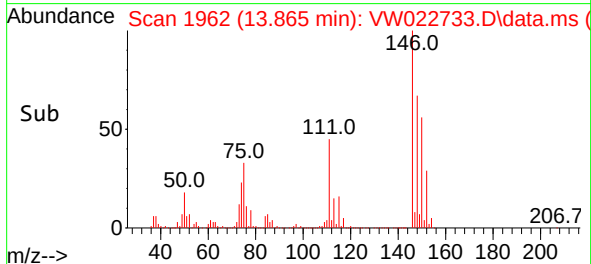
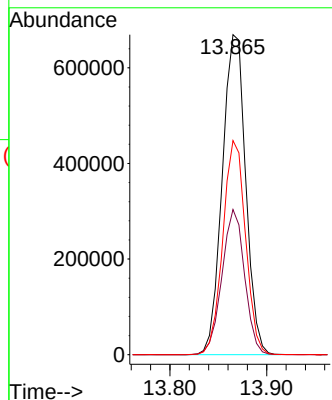
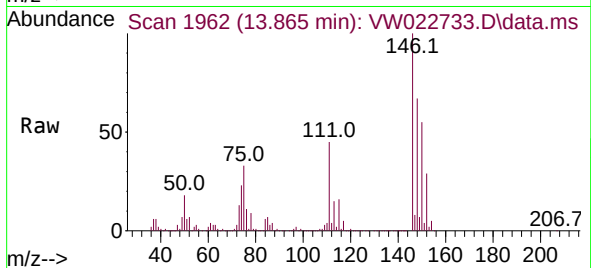
Tgt Ion:146 Resp: 1126300

Ion Ratio Lower Upper

146 100

111 45.3 35.7 53.5

148 66.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 99.695 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

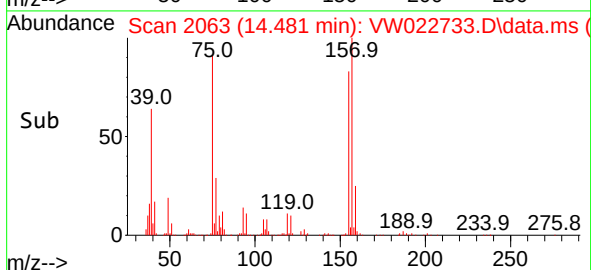
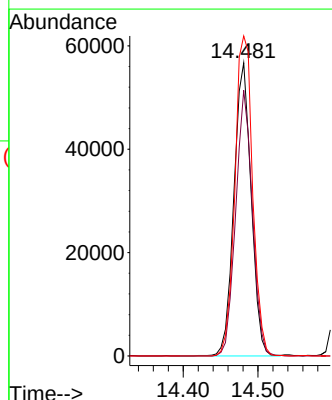
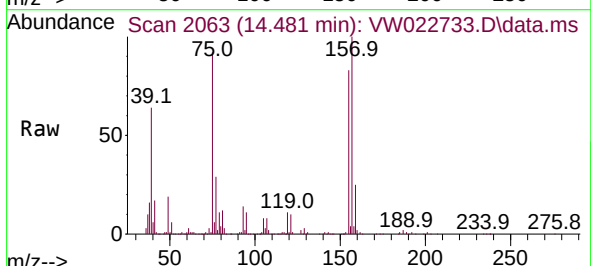
Tgt Ion: 75 Resp: 90993

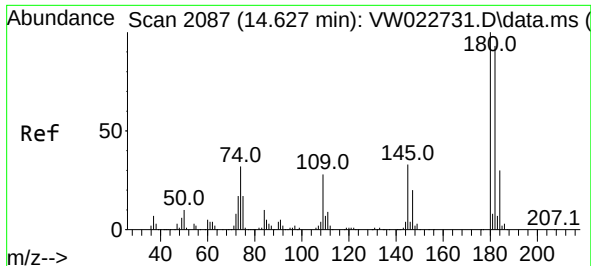
Ion Ratio Lower Upper

75 100

155 90.6 59.3 88.9#

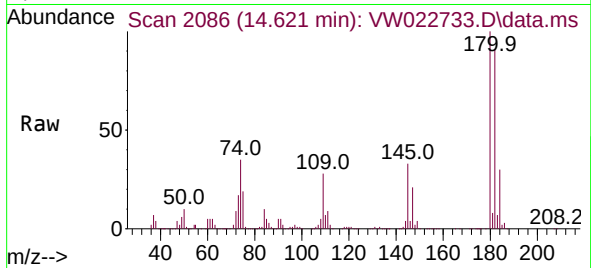
157 109.2 89.8 134.8



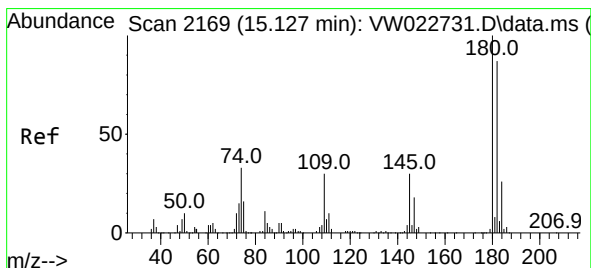
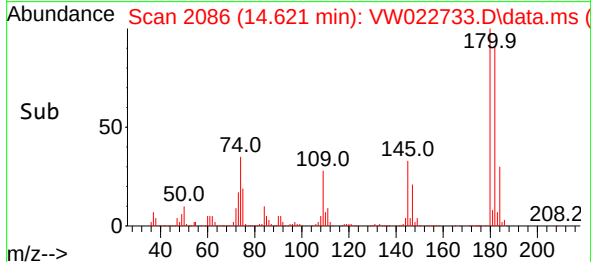
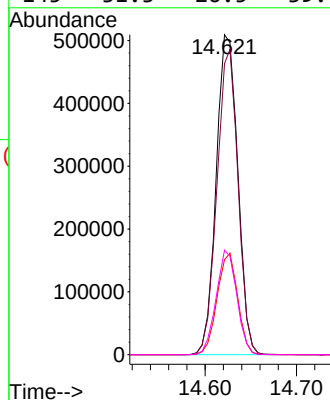


#69
 1,3,5-Trichlorobenzene
 Concen: 98.582 ug/L
 RT: 14.621 min Scan# 2087
 Delta R.T. -0.006 min
 Lab File: VW022733.D
 Acq: 02 May 2022 11:34

Instrument :
 MSVOA_W
 ClientSampleId :

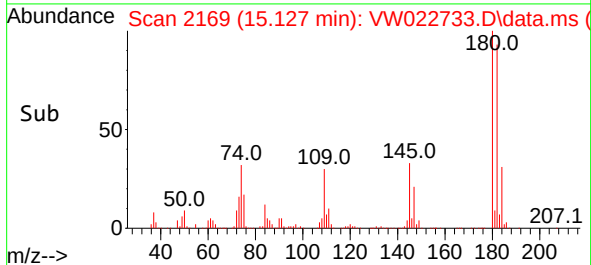
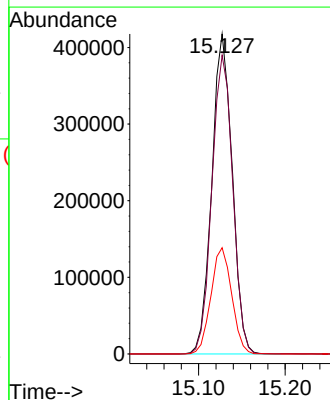
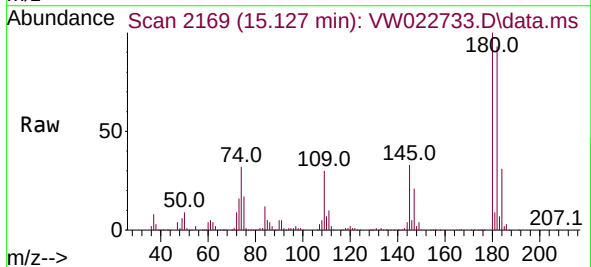


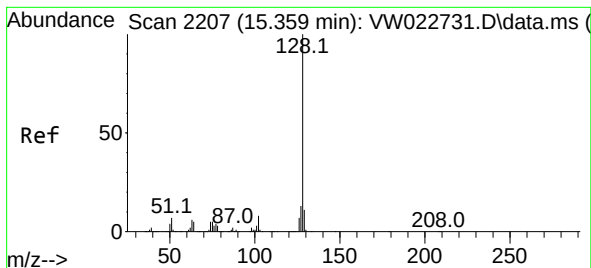
Tgt Ion:180 Resp: 836558
 Ion Ratio Lower Upper
 180 100
 182 93.3 74.8 112.2
 184 30.4 23.4 35.2
 145 31.3 26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 100.158 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022733.D
 Acq: 02 May 2022 11:34

Tgt Ion:180 Resp: 683696
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.9 112.3
 145 33.8 26.6 39.8





#71

Naphthalene

Concen: 108.862 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

Instrument :

MSVOA_W

ClientSampleId :

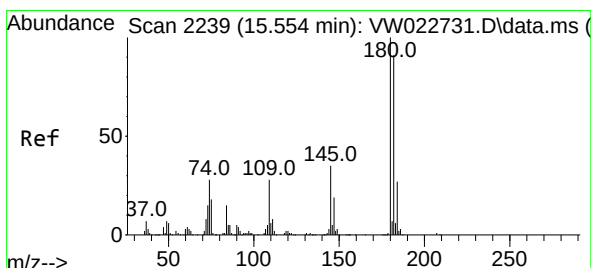
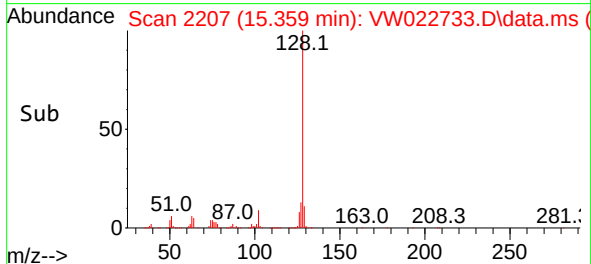
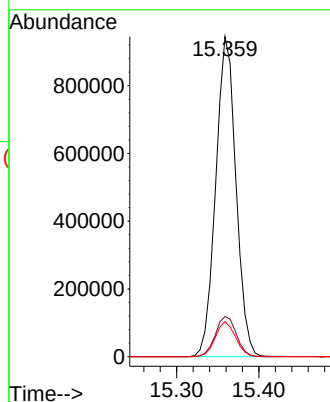
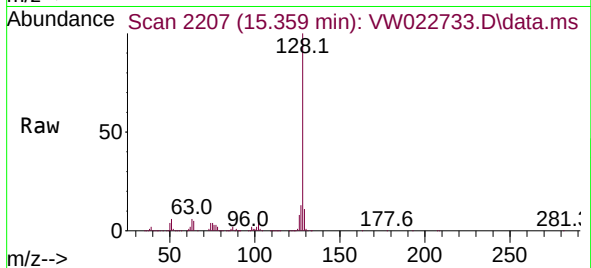
Tgt Ion:128 Resp: 1615136

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 101.072 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW022733.D

Acq: 02 May 2022 11:34

Tgt Ion:180 Resp: 611490

Ion Ratio Lower Upper

180 100

182 97.2 73.5 110.3

145 35.0 27.9 41.9

