

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032923\
 Data File : VW025495.D
 Acq On : 29 Mar 2023 18:31
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 30 00:25:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 30 00:21:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	698429	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	623154	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	317978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	186054	16.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.080%
7) Chloroethane-d5	2.899	69	156645	18.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	4.033	63	427812	19.074	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.280%
21) 2-Butanone-d5	7.075	46	133743	46.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.840%
24) Chloroform-d	7.648	84	456466	22.671	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	8.307	65	243557	22.537	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.160%
32) Benzene-d6	8.276	84	910119	21.375	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.480%
36) 1,2-Dichloropropane-d6	9.270	67	286900	21.780	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.120%
41) Toluene-d8	10.318	98	803020	21.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.575	79	107171	20.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.720%
47) 2-Hexanone-d5	10.922	63	89587	47.296	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	220376	22.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	248039	20.976	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	126250	15.817	ug/L	93
3) Chloromethane	2.222	50	225026	23.705	ug/L	94
5) Vinyl chloride	2.375	62	246629	22.996	ug/L	99
6) Bromomethane	2.789	94	136688	23.905	ug/L	100
8) Chloroethane	2.936	64	144647	23.466	ug/L	98
9) Trichlorofluoromethane	3.265	101	170139	18.328	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	212143	23.566	ug/L	98
12) 1,1-Dichloroethene	4.051	96	200067	22.971	ug/L	89
13) Acetone	4.118	43	103485	37.766	ug/L	97
14) Carbon disulfide	4.393	76	623205	23.014	ug/L	98
15) Methyl Acetate	4.667	43	115148	22.400	ug/L	99
16) Methylene chloride	4.923	84	250746	25.783	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	220376	24.137	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	337495	24.553	ug/L	98
19) 1,1-Dichloroethane	6.222	63	477872	25.275	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	255152	25.524	ug/L	95
22) 2-Butanone	7.173	43	149774	42.253	ug/L	100
23) Bromochloromethane	7.514	128	102589	23.865	ug/L	93
25) Chloroform	7.673	83	447960	25.203	ug/L	99

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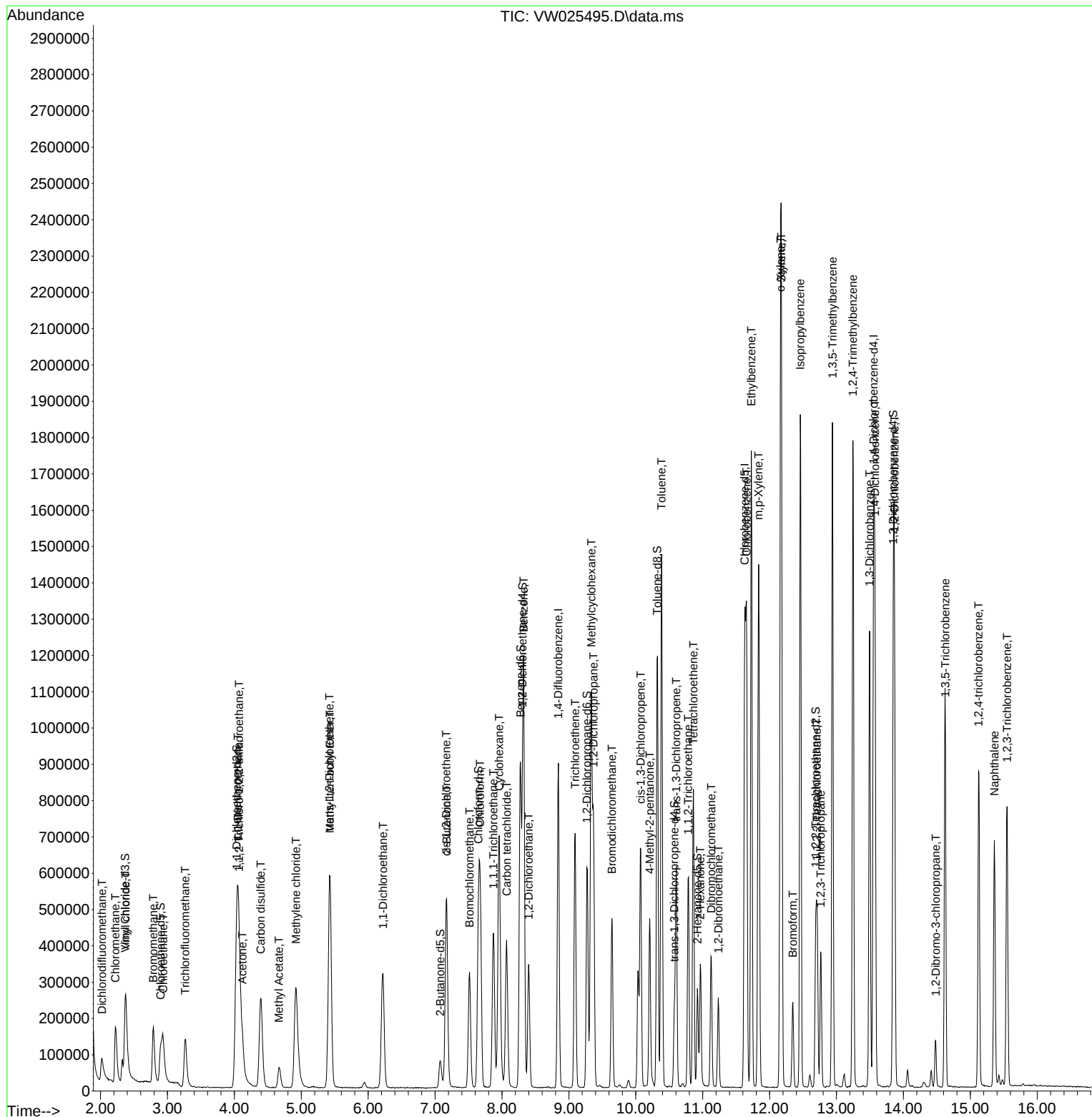
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	302849	25.532	ug/L	100
29) Cyclohexane	7.959	56	415439	23.618	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	341993	23.086	ug/L	99
31) Carbon tetrachloride	8.069	117	304377	22.922	ug/L	99
33) Benzene	8.325	78	996692	25.017	ug/L	100
34) Trichloroethene	9.093	95	249268	23.838	ug/L	98
35) Methylcyclohexane	9.337	83	420001	23.316	ug/L	98
37) 1,2-Dichloropropane	9.367	63	275878	25.156	ug/L	100
38) Bromodichloromethane	9.642	83	312252	24.414	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	392623	24.851	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	327556	49.695	ug/L	99
42) Toluene	10.386	91	1036158	25.189	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	320244	24.205	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	177862	24.150	ug/L	99
46) Tetrachloroethene	10.861	164	173478	23.316	ug/L	96
48) 2-Hexanone	10.965	43	223934	47.222	ug/L	100
49) Dibromochloromethane	11.129	129	184327	23.424	ug/L	93
50) 1,2-Dibromoethane	11.233	107	157060	23.039	ug/L	94
51) Chlorobenzene	11.654	112	627786	24.046	ug/L	98
52) Ethylbenzene	11.727	91	1169223	24.922	ug/L	99
53) m,p-Xylene	11.836	106	433428	25.048	ug/L	98
54) o-Xylene	12.166	106	413517	25.396	ug/L	96
55) Styrene	12.178	104	703375	25.296	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.708	83	216279	23.608	ug/L	96
59) Bromoform	12.349	173	101640	22.155	ug/L	98
60) Isopropylbenzene	12.458	105	1136247	23.971	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	156099	22.532	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	926746	24.686	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	936923	25.334	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	474409	23.619	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	470360	22.830	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	433112	24.042	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	33428	20.842	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	308055	22.562	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	259663	22.937	ug/L	99
71) Naphthalene	15.360	128	555919	24.878	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	241452	23.746	ug/L	99

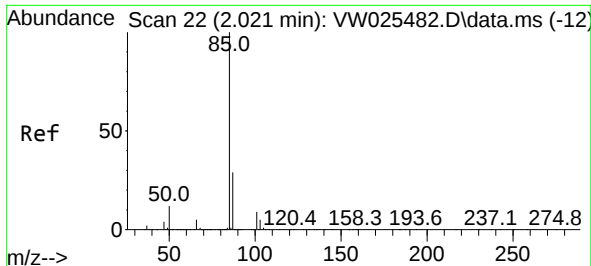
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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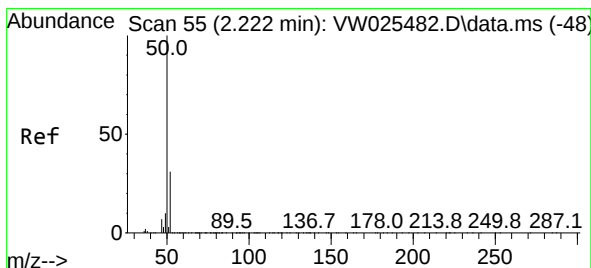
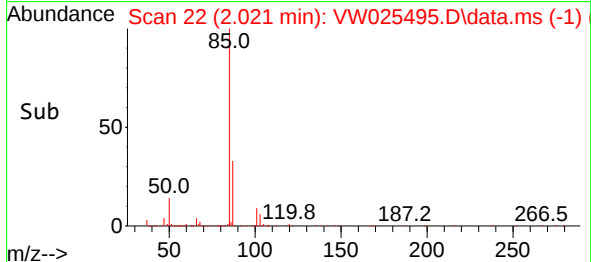
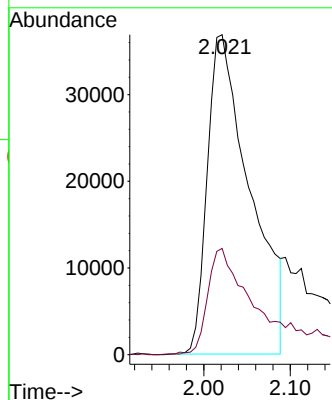
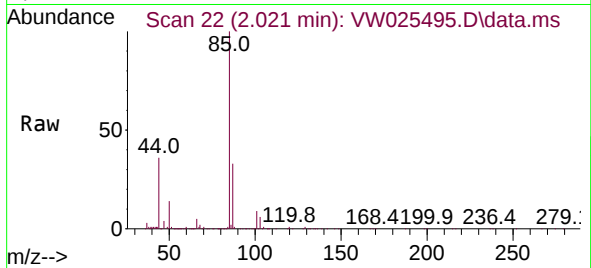




#2
Dichlorodifluoromethane
Concen: 15.817 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

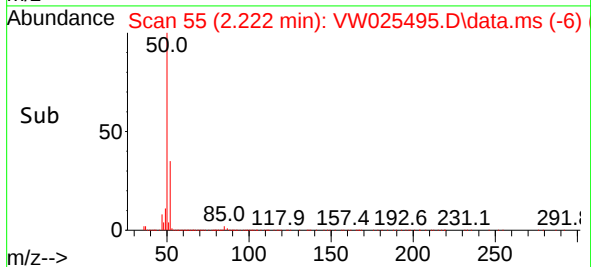
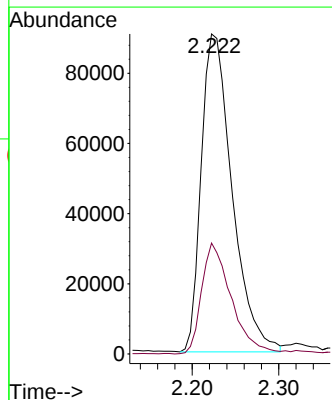
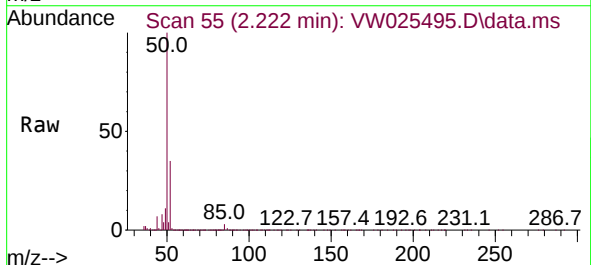
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MSVOA_W
ClientSampleId :

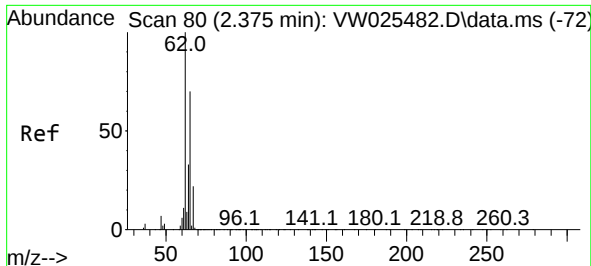
Tgt Ion: 85 Resp: 126250
Ion Ratio Lower Upper
85 100
87 29.4 20.5 30.7



#3
Chloromethane
Concen: 23.705 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 50 Resp: 225026
Ion Ratio Lower Upper
50 100
52 34.7 21.9 40.7

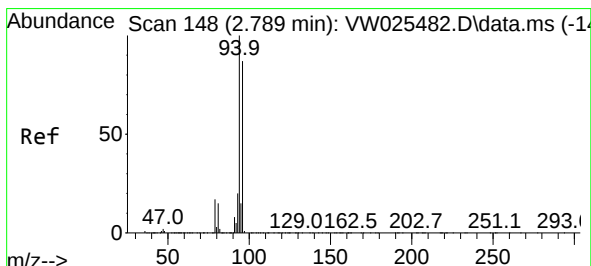
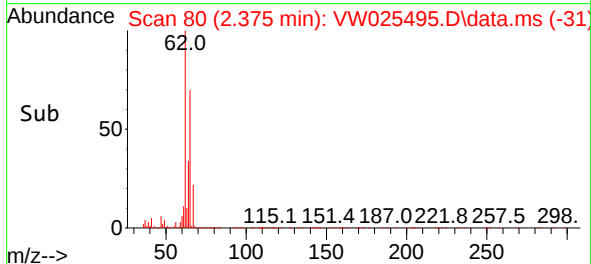
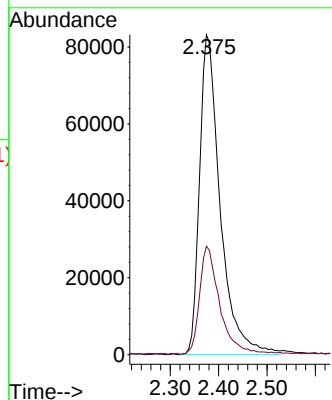
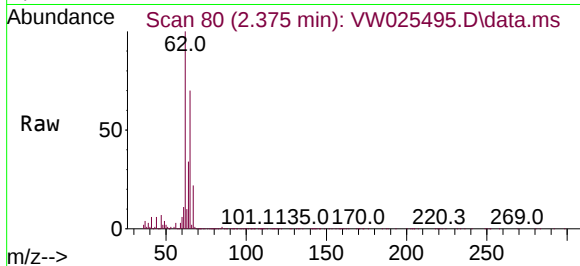




#5
 Vinyl chloride
 Concen: 22.996 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025495.D
 Acq: 29 Mar 2023 18:31

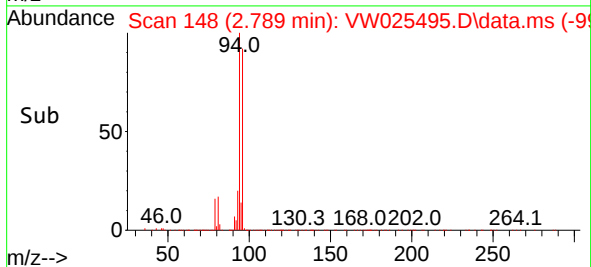
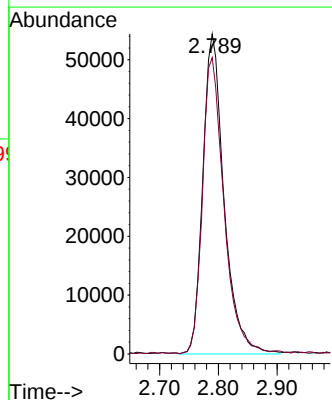
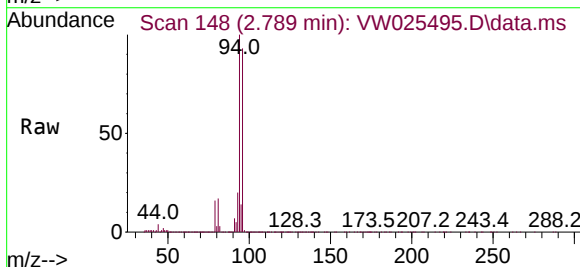
Instrument :
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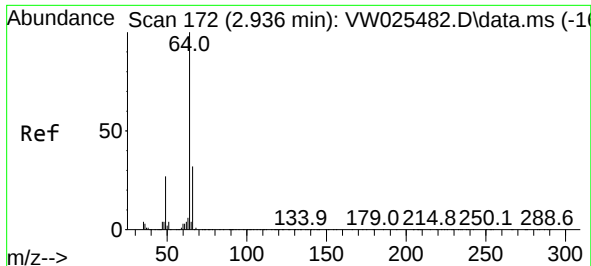
Tgt Ion: 62 Resp: 246629
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.4 43.6



#6
 Bromomethane
 Concen: 23.905 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025495.D
 Acq: 29 Mar 2023 18:31

Tgt Ion: 94 Resp: 136688
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.5 119.9

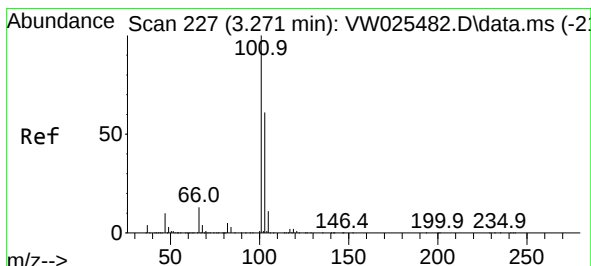
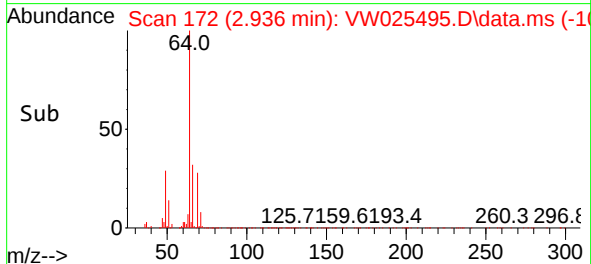
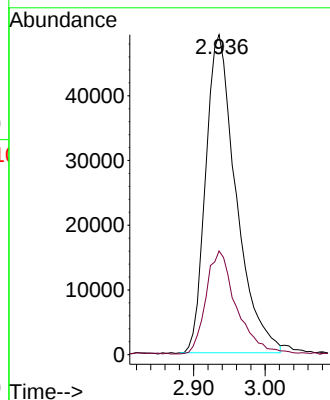
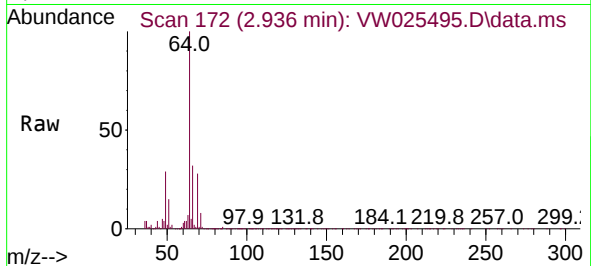




#8
Chloroethane
Concen: 23.466 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

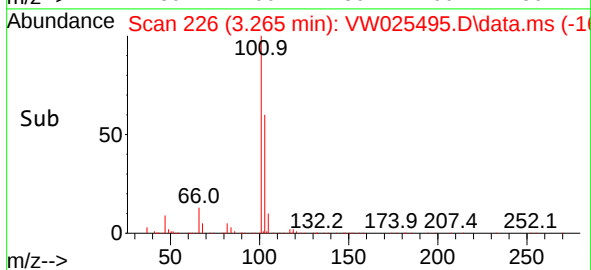
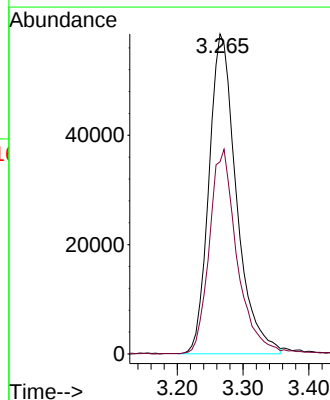
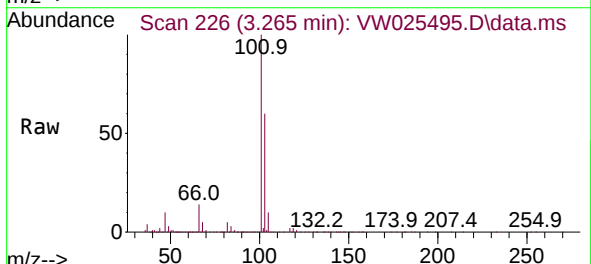
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MSVOA_W
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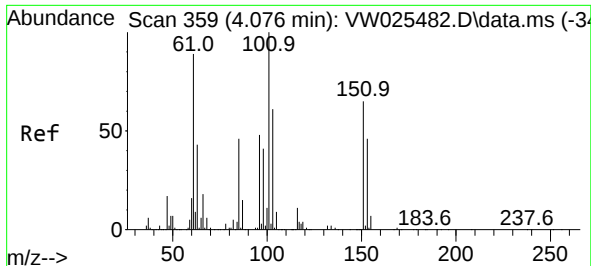
Tgt Ion: 64 Resp: 144647
Ion Ratio Lower Upper
64 100
66 32.4 23.3 43.3



#9
Trichlorofluoromethane
Concen: 18.328 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion:101 Resp: 170139
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3

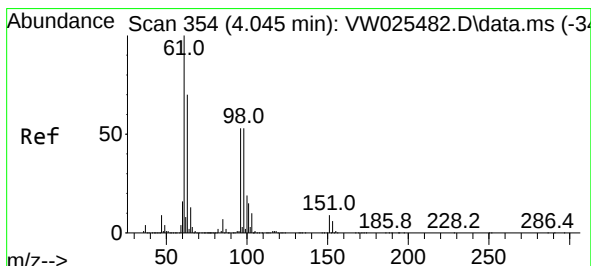
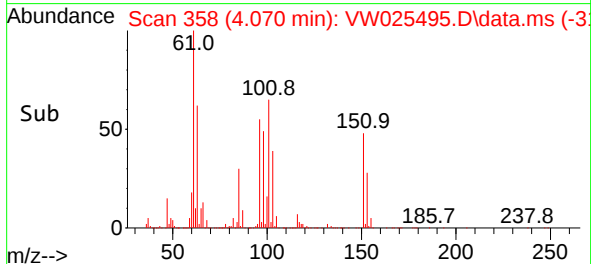
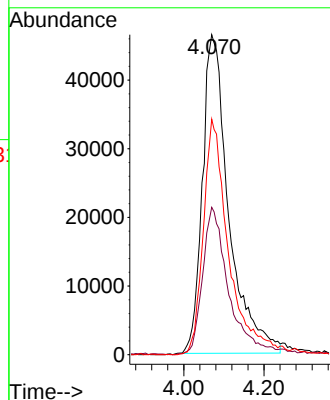
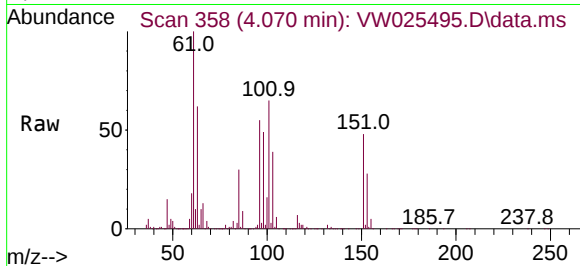




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.566 ug/L
RT: 4.070 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW025495.D
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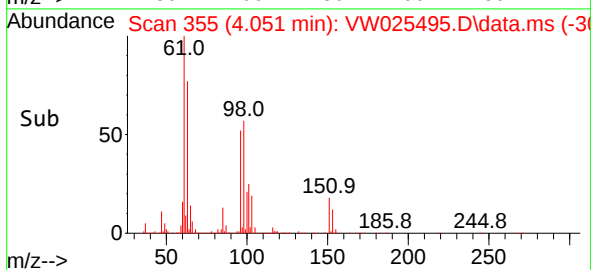
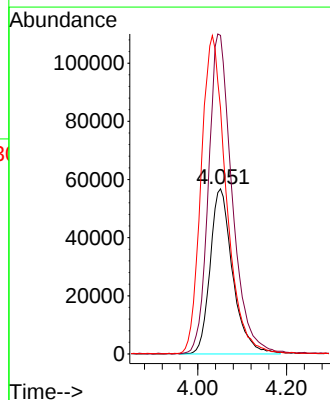
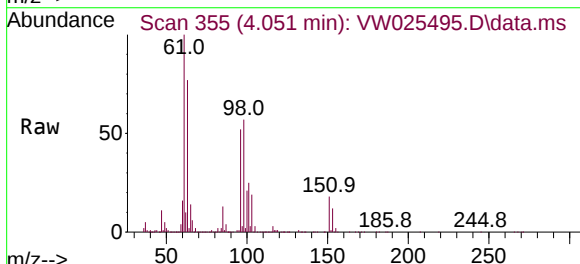
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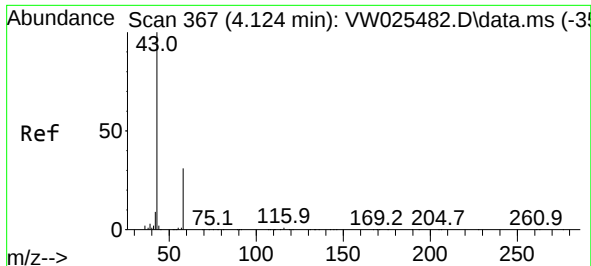
Tgt Ion:101 Resp: 212143
Ion Ratio Lower Upper
101 100
85 43.9 35.8 53.8
151 70.2 54.2 81.2



#12
1,1-Dichloroethene
Concen: 22.971 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW025495.D
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Tgt Ion: 96 Resp: 200067
Ion Ratio Lower Upper
96 100
61 192.9 130.7 242.7
63 148.9 88.3 164.1

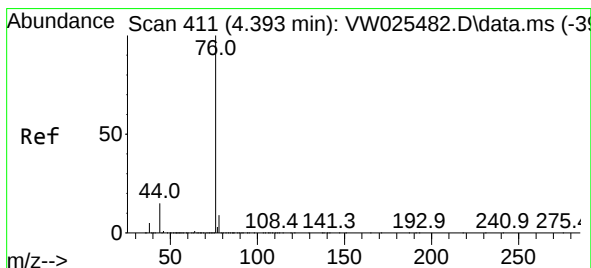
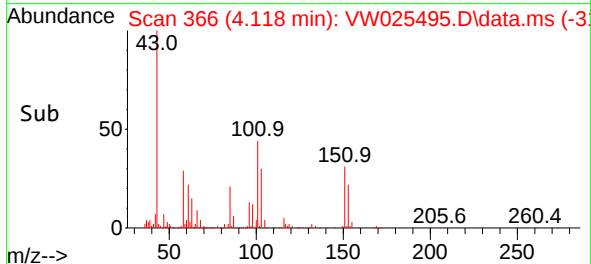
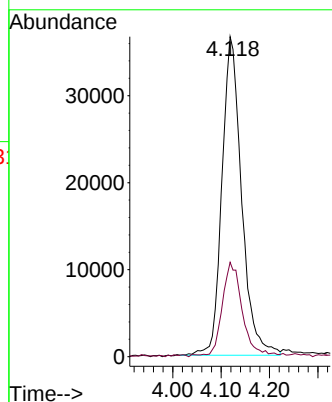
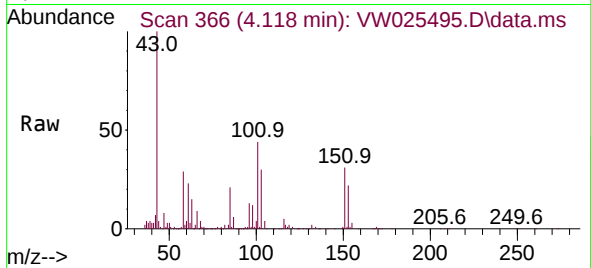




#13
Acetone
Concen: 37.766 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

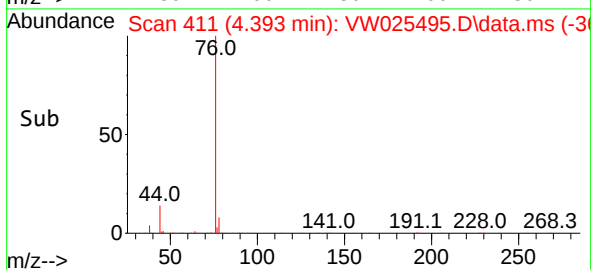
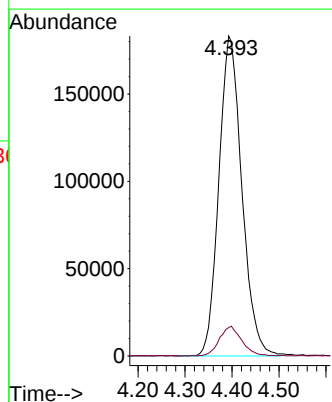
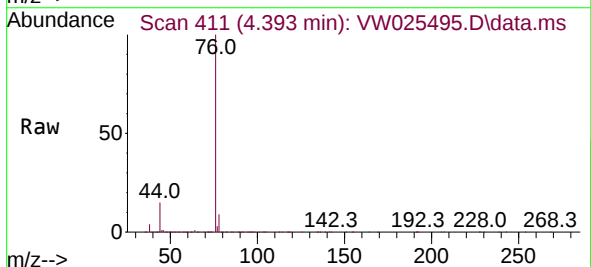
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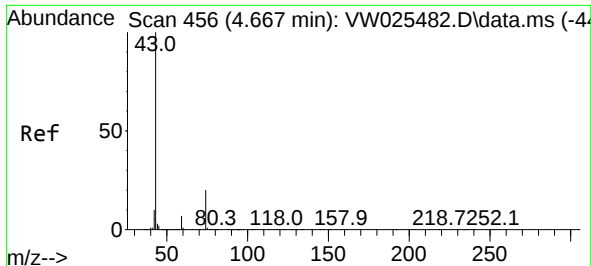
Tgt Ion: 43 Resp: 103485
Ion Ratio Lower Upper
43 100
58 28.3 0.0 60.0



#14
Carbon disulfide
Concen: 23.014 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 623205
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

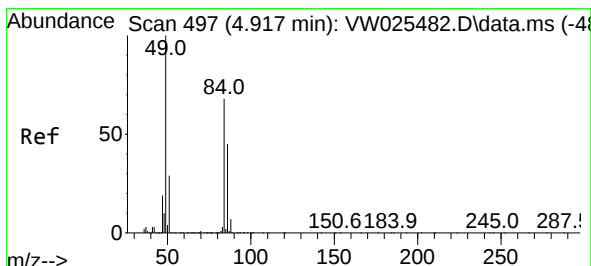
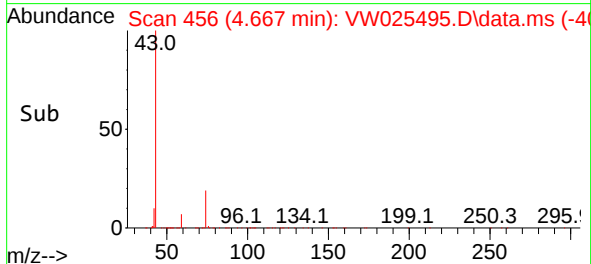
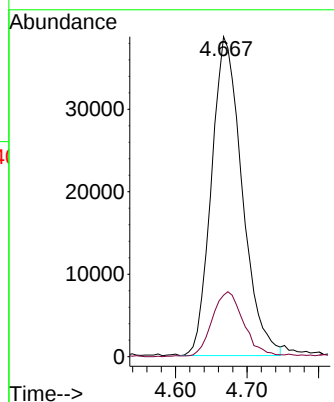
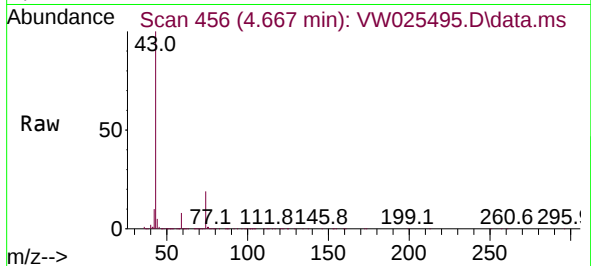




#15
Methyl Acetate
Concen: 22.400 ug/L
RT: 4.667 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

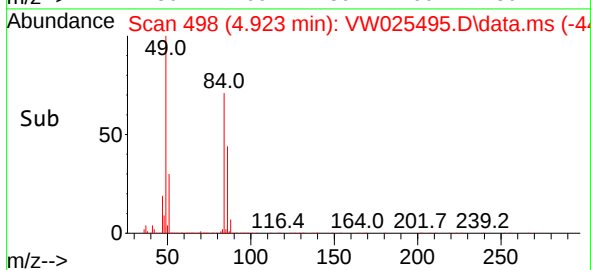
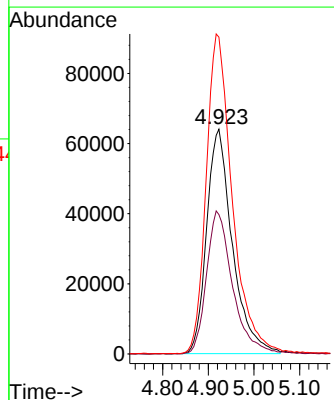
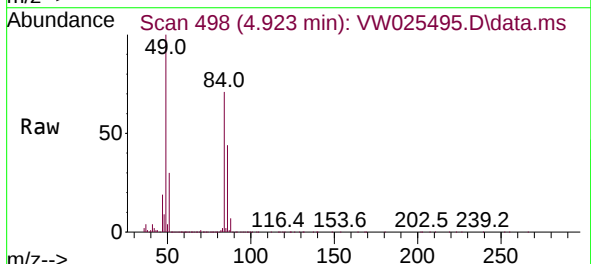
Instrument :
MSVOA_W
ClientSampleId :

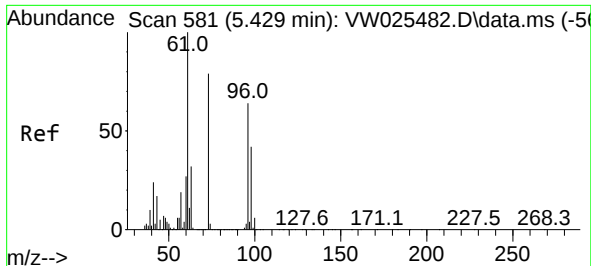
Tgt Ion: 43 Resp: 115148
Ion Ratio Lower Upper
43 100
74 20.7 17.0 25.4



#16
Methylene chloride
Concen: 25.783 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 84 Resp: 250746
Ion Ratio Lower Upper
84 100
86 62.0 45.1 83.7
49 140.9 94.7 175.9

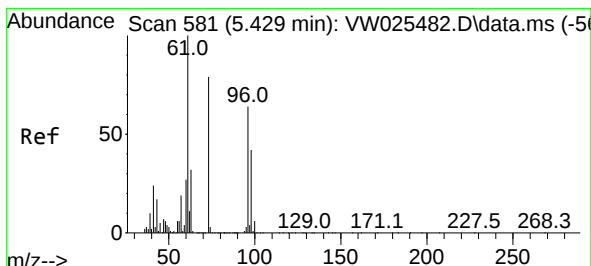
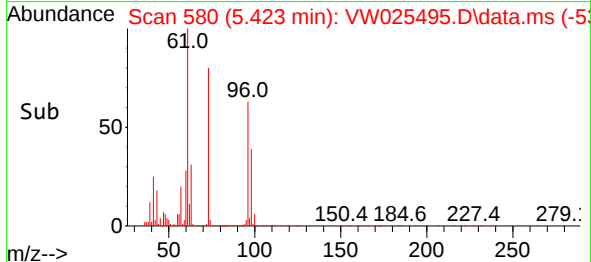
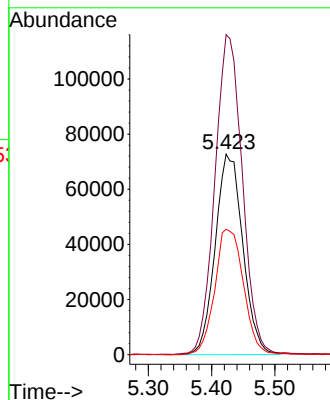
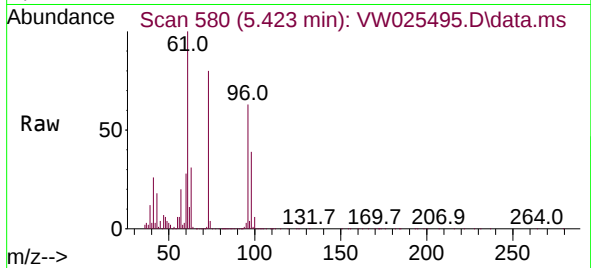




#17
trans-1,2-Dichloroethene
Concen: 24.137 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

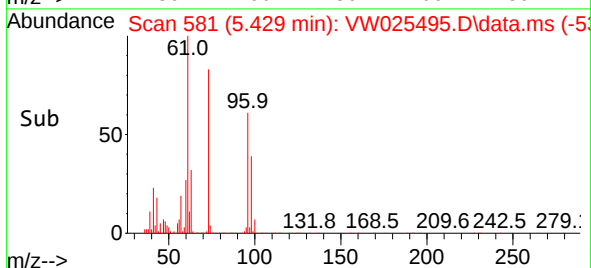
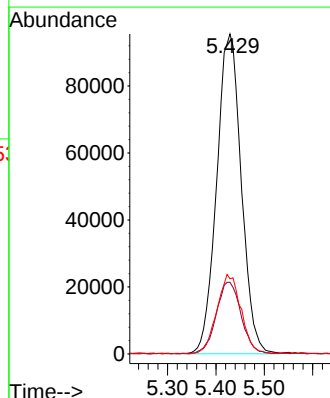
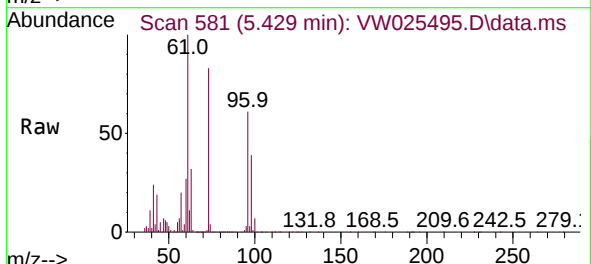
Instrument :
MSVOA_W
ClientSampleId :

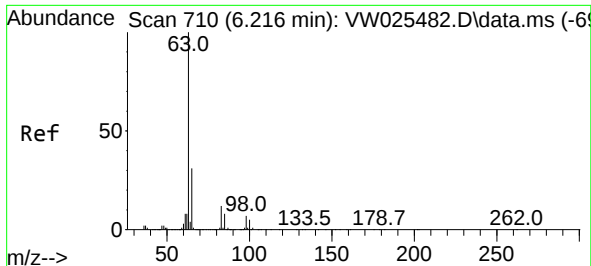
Tgt Ion: 96 Resp: 220376
Ion Ratio Lower Upper
96 100
61 159.6 103.0 191.4
98 62.6 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 24.553 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 73 Resp: 337495
Ion Ratio Lower Upper
73 100
43 22.5 17.6 26.4
57 24.5 18.6 28.0





#19

1,1-Dichloroethane

Concen: 25.275 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

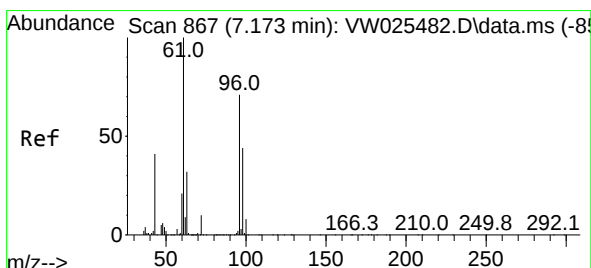
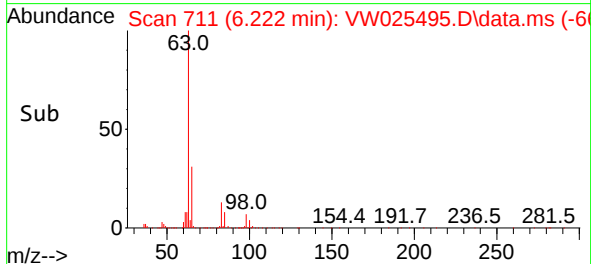
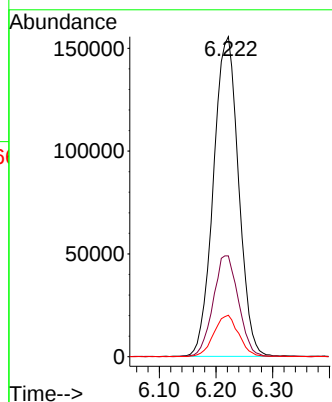
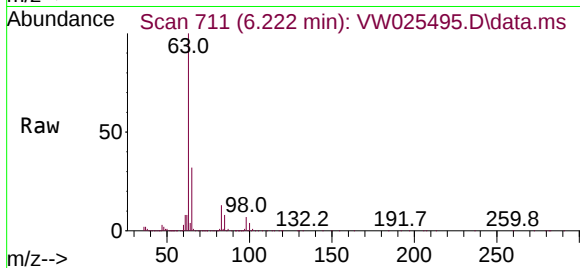
Tgt Ion: 63 Resp: 477872

Ion Ratio Lower Upper

63 100

65 31.5 21.7 40.3

83 13.0 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 25.524 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

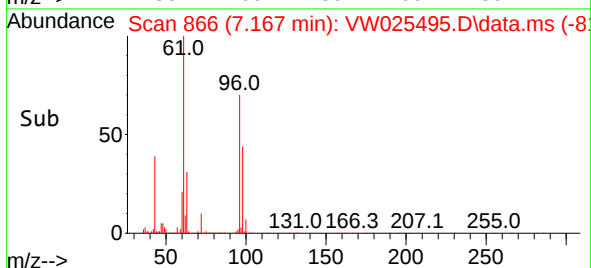
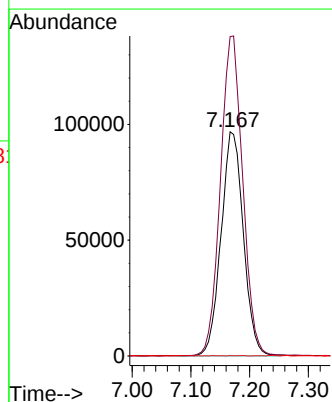
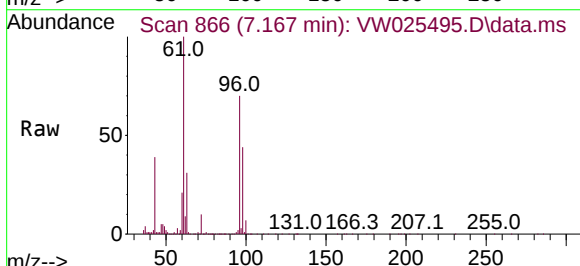
Tgt Ion: 96 Resp: 255152

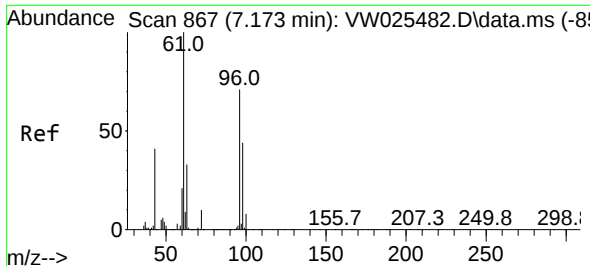
Ion Ratio Lower Upper

96 100

61 142.5 95.5 177.4

68 0.1 0.1 0.1

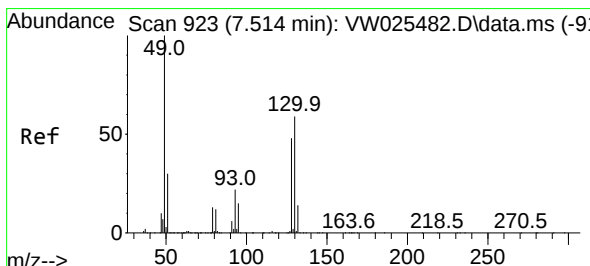
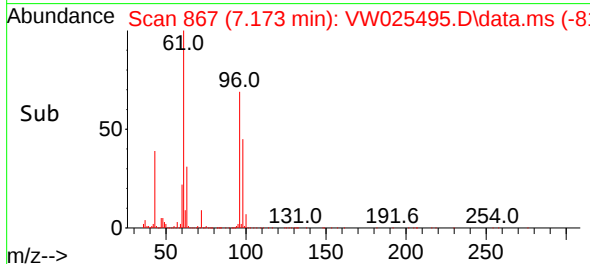
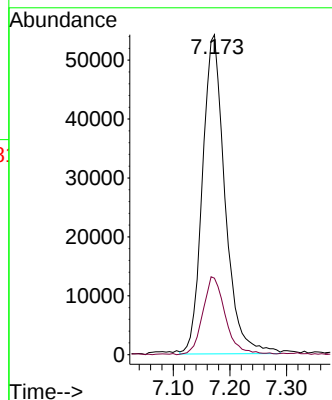
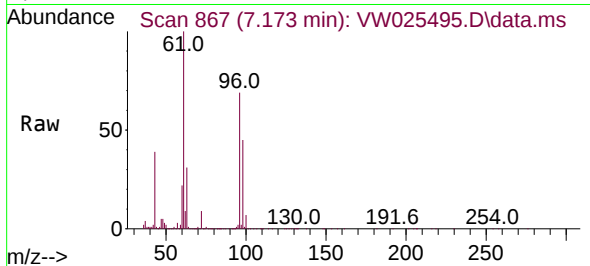




#22
2-Butanone
Concen: 42.253 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

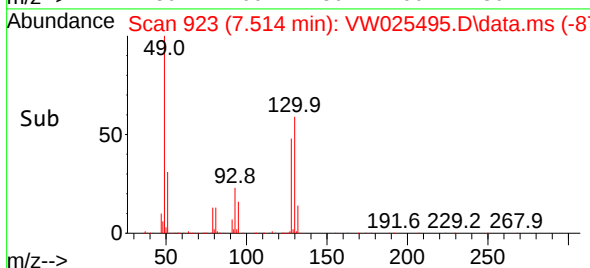
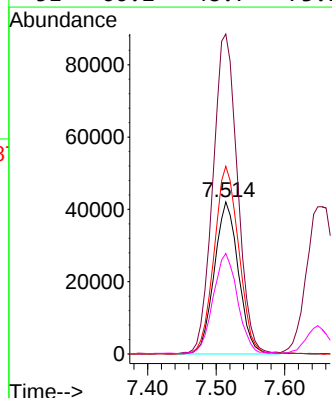
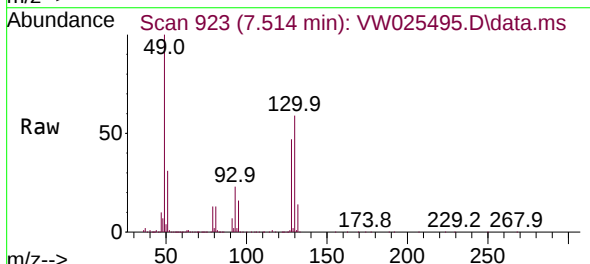
Instrument :
MSVOA_W
ClientSampleId :

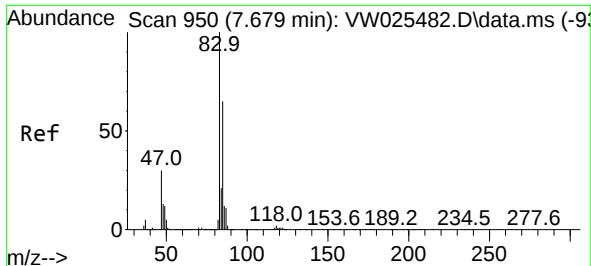
Tgt Ion: 43 Resp: 149774
Ion Ratio Lower Upper
43 100
72 24.3 12.0 36.1



#23
Bromochloromethane
Concen: 23.865 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 128 Resp: 102589
Ion Ratio Lower Upper
128 100
49 210.6 140.6 261.0
130 123.5 80.8 150.0
51 66.2 48.7 73.1

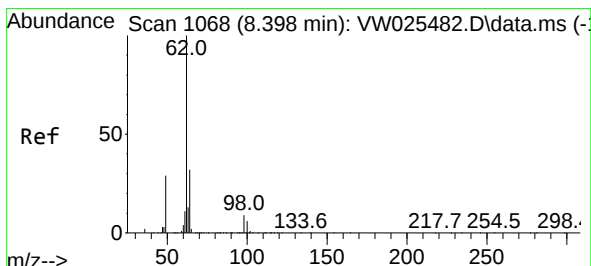
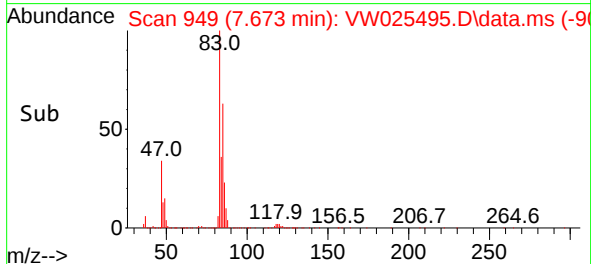
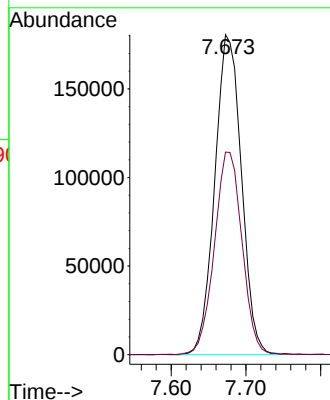
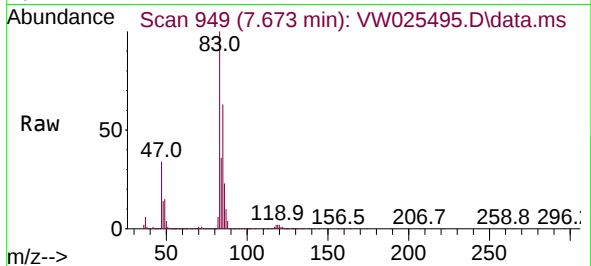




#25
Chloroform
Concen: 25.203 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

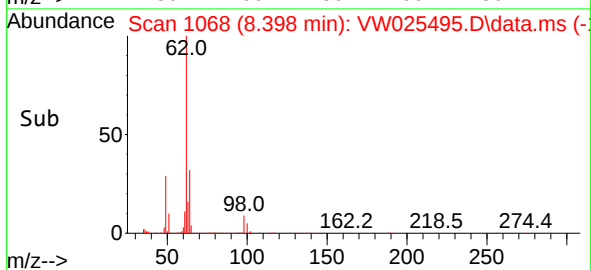
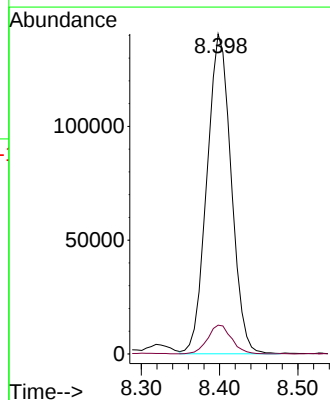
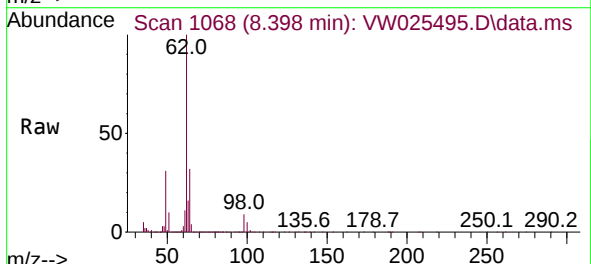
Instrument :
MSVOA_W
ClientSampleId :

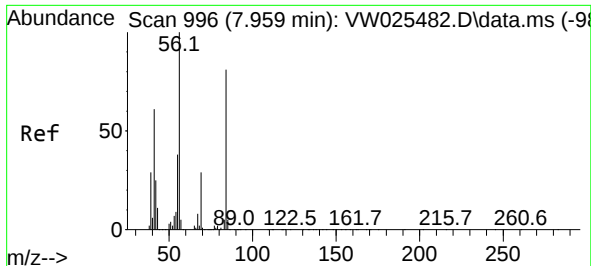
Tgt Ion: 83 Resp: 447960
Ion Ratio Lower Upper
83 100
85 63.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 25.532 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 62 Resp: 302849
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8

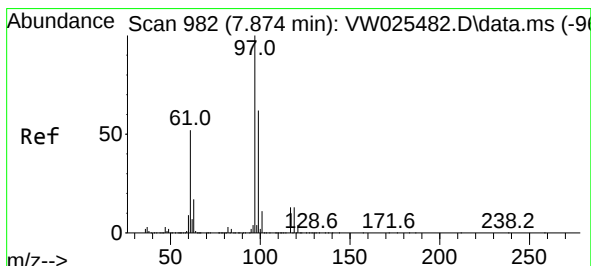
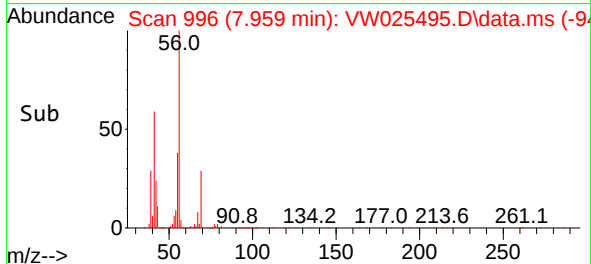
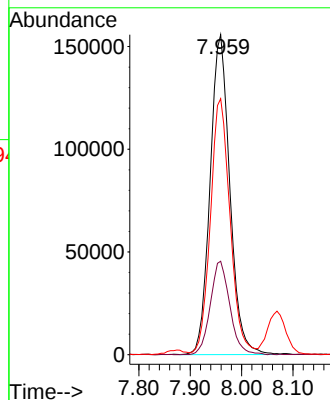
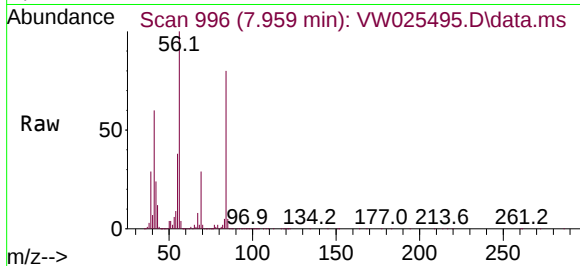




#29
Cyclohexane
Concen: 23.618 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

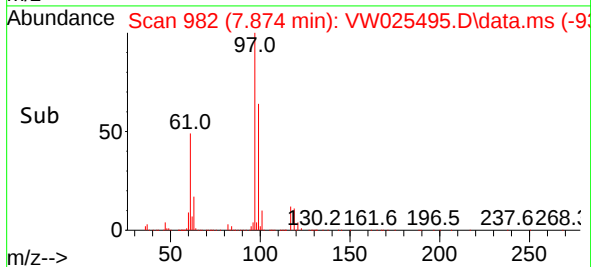
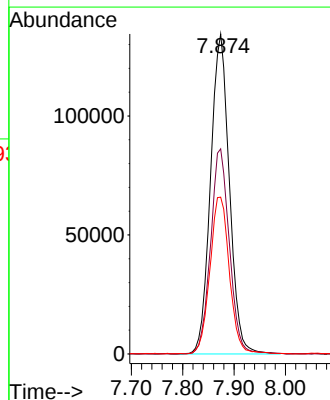
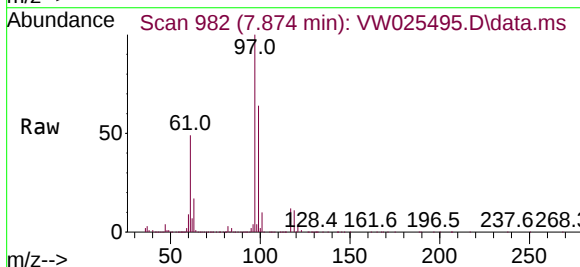
Instrument :
MSVOA_W
ClientSampleId :

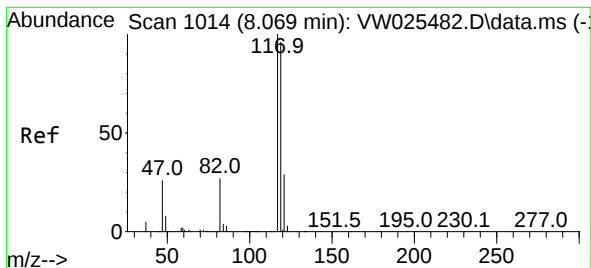
Tgt Ion: 56 Resp: 415439
Ion Ratio Lower Upper
56 100
69 28.6 23.1 34.7
84 79.4 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 23.086 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 97 Resp: 341993
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 50.9 39.8 59.6





#31

Carbon tetrachloride

Concen: 22.922 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

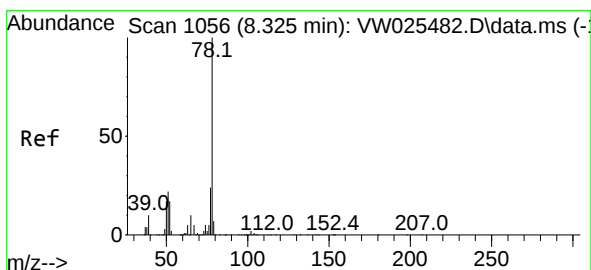
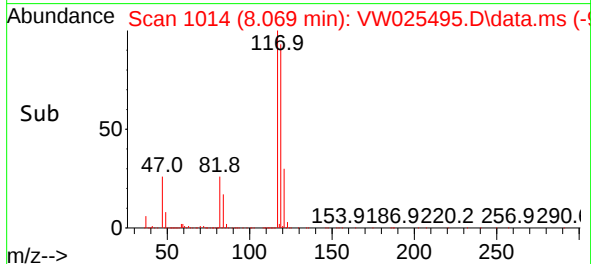
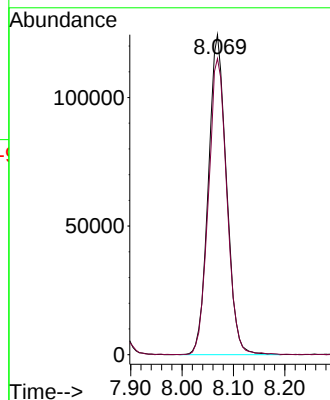
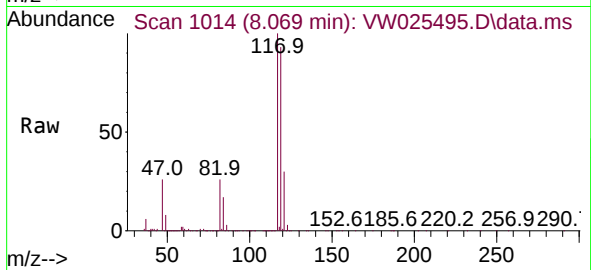
ClientSampleId :

Tgt Ion:117 Resp: 304377

Ion Ratio Lower Upper

117 100

119 94.1 75.8 113.6



#33

Benzene

Concen: 25.017 ug/L

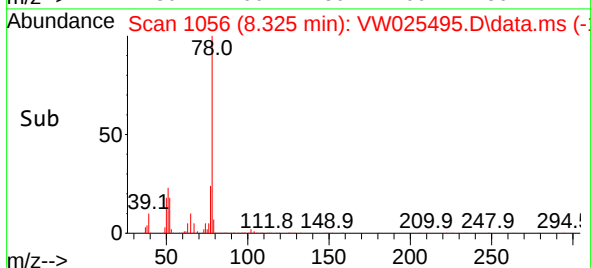
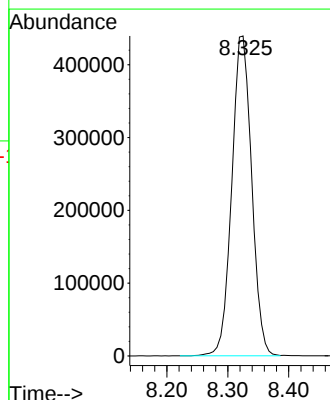
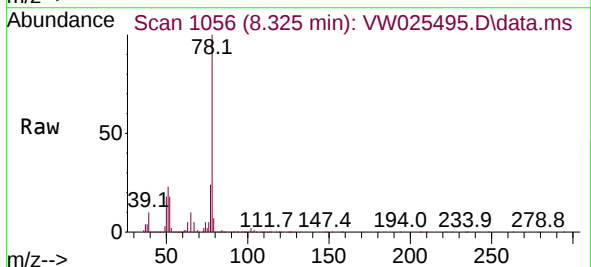
RT: 8.325 min Scan# 1056

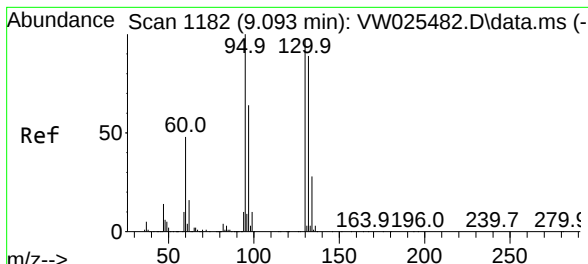
Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

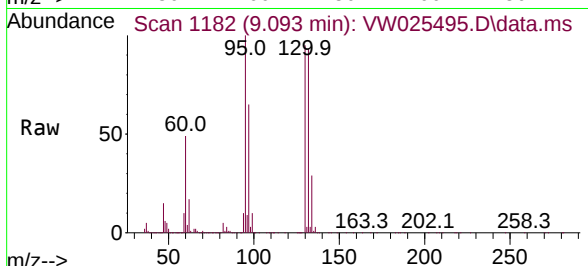
Tgt Ion: 78 Resp: 996692



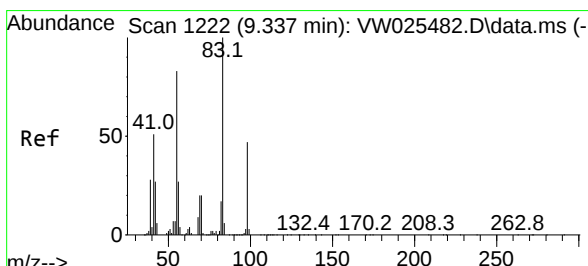
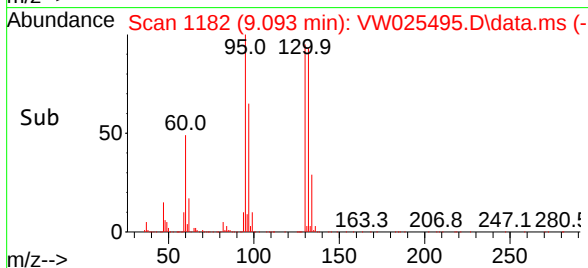
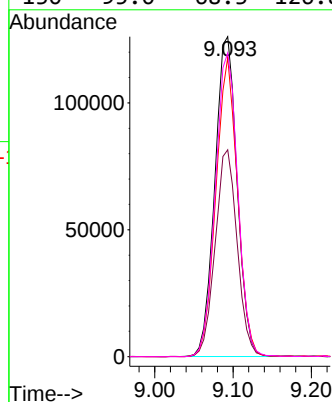


#34
 Trichloroethene
 Concen: 23.838 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: VW025495.D
 Acq: 29 Mar 2023 18:31

Instrument :
 MSVOA_W
 ClientSampleId :

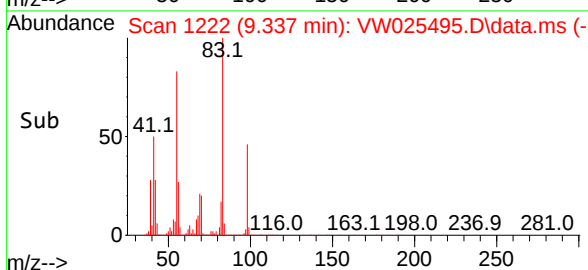
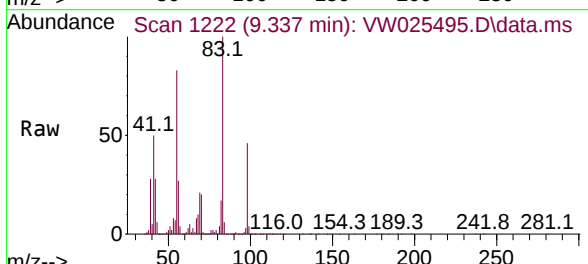
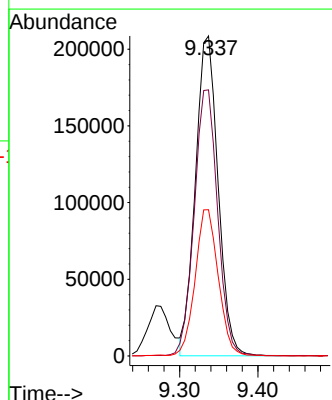


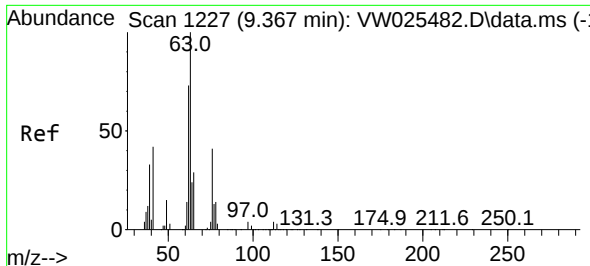
Tgt Ion:	95	Resp:	249268
Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.8	81.4
132	93.4	65.9	122.3
130	95.0	68.3	126.8



#35
 Methylcyclohexane
 Concen: 23.316 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VW025495.D
 Acq: 29 Mar 2023 18:31

Tgt Ion:	83	Resp:	420001
Ion	Ratio	Lower	Upper
83	100		
55	86.0	68.2	102.4
98	46.6	39.0	58.4

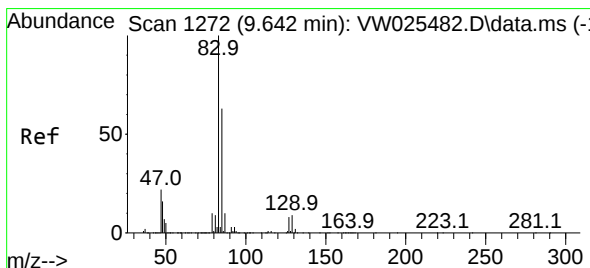
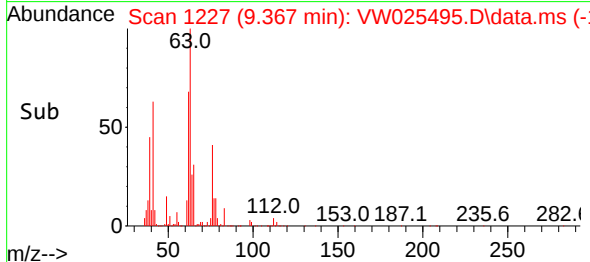
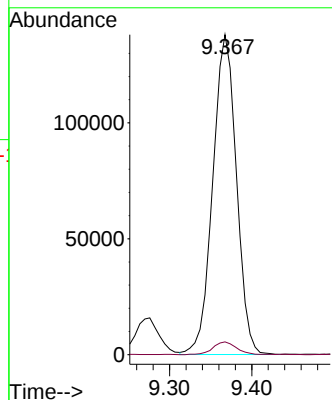
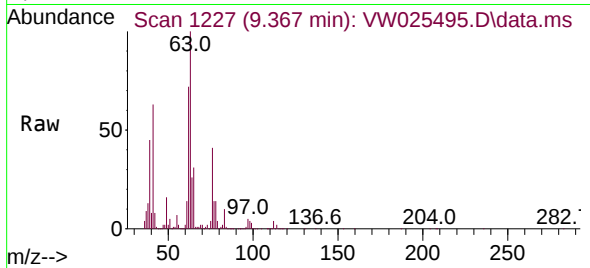




#37
1,2-Dichloropropane
Concen: 25.156 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

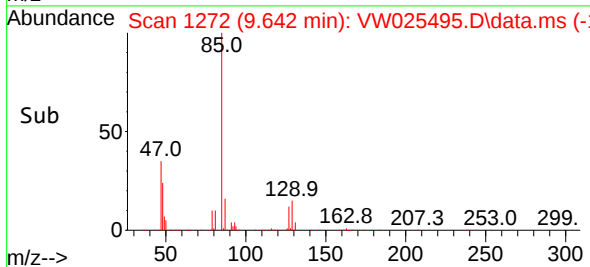
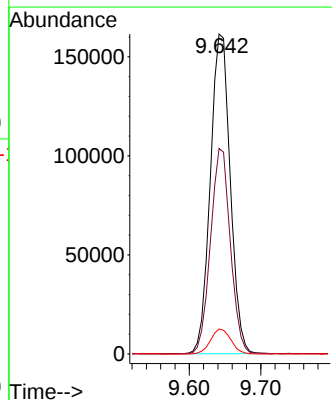
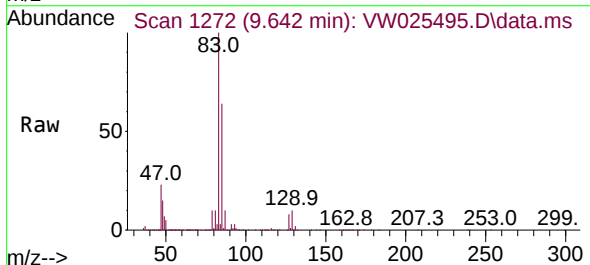
Instrument :
MSVOA_W
ClientSampleId :

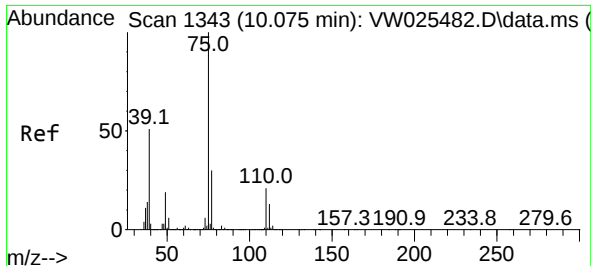
Tgt Ion: 63 Resp: 275878
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8



#38
Bromodichloromethane
Concen: 24.414 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 83 Resp: 312252
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
127 7.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 24.851 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

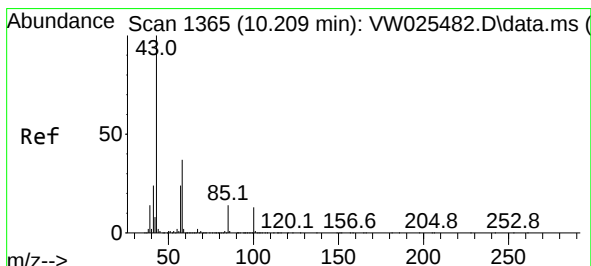
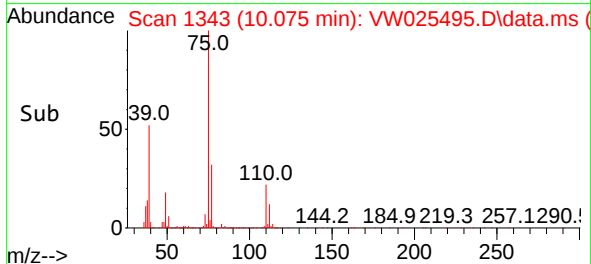
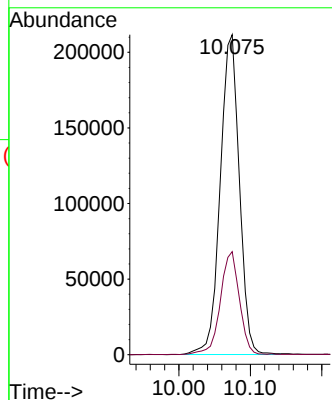
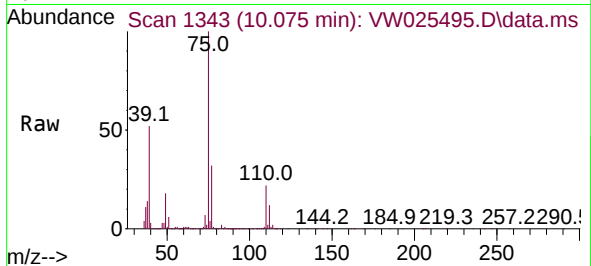
ClientSampleId :

Tgt Ion: 75 Resp: 392623

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 49.695 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

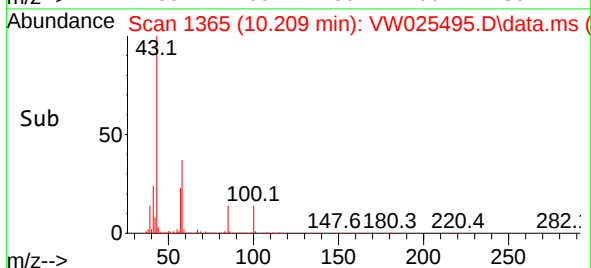
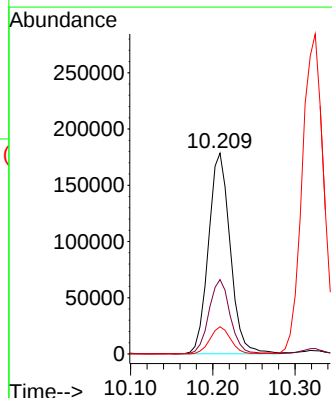
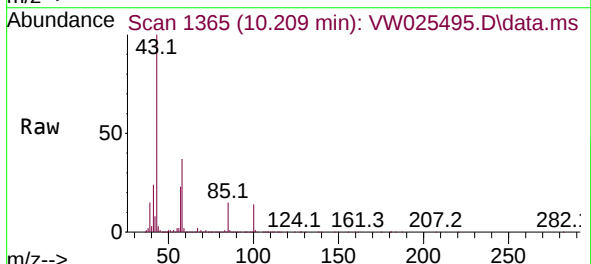
Tgt Ion: 43 Resp: 327556

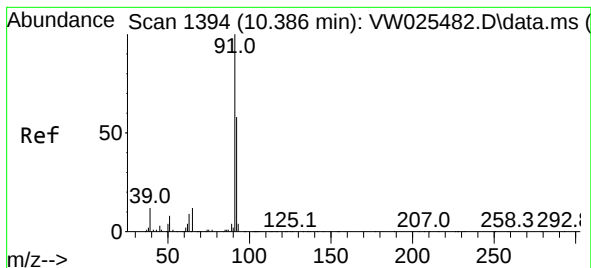
Ion Ratio Lower Upper

43 100

58 36.4 29.6 44.4

100 12.9 10.6 16.0





#42

Toluene

Concen: 25.189 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

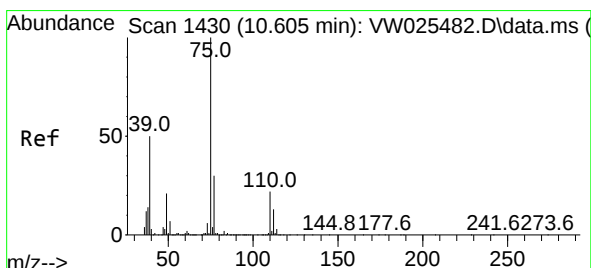
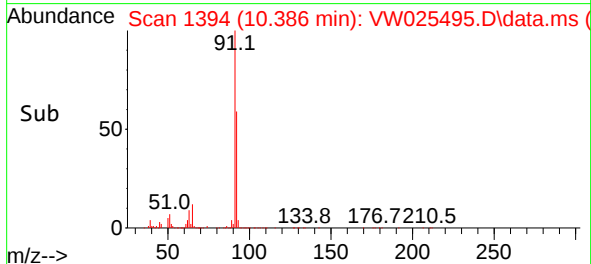
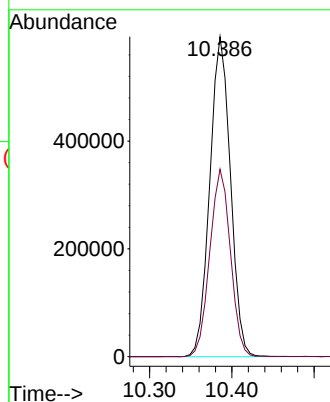
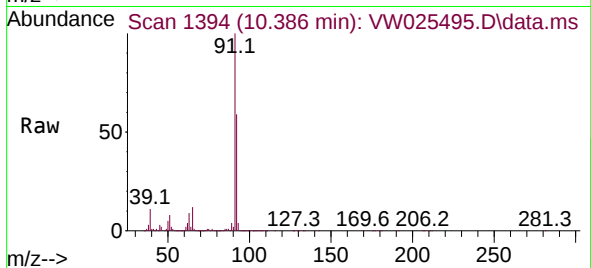
ClientSampleId :

Tgt Ion: 91 Resp: 1036158

Ion Ratio Lower Upper

91 100

92 58.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 24.205 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025495.D

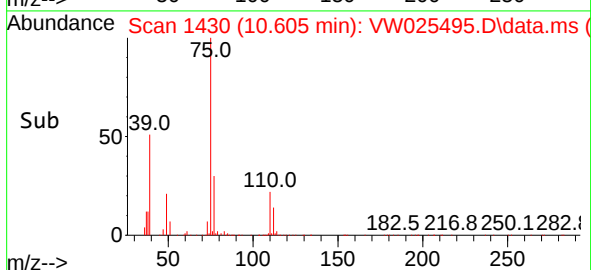
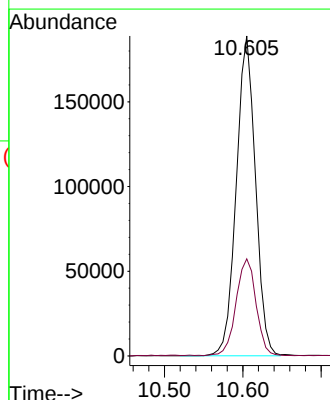
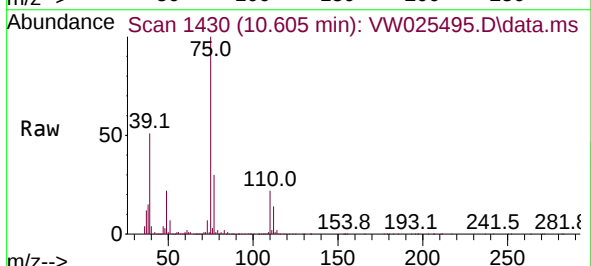
Acq: 29 Mar 2023 18:31

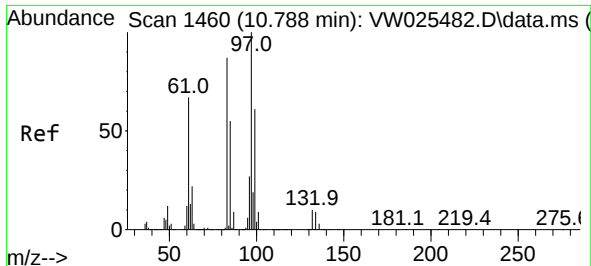
Tgt Ion: 75 Resp: 320244

Ion Ratio Lower Upper

75 100

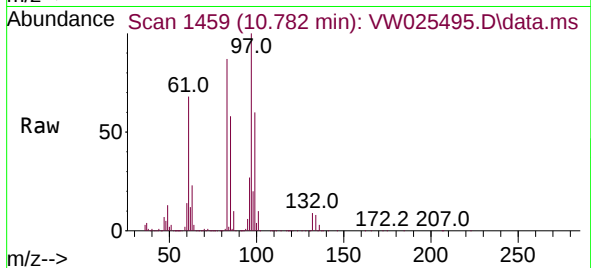
77 30.3 22.3 41.3



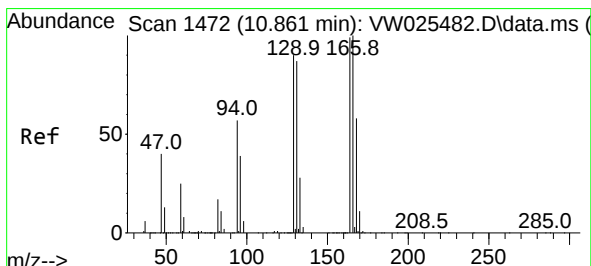
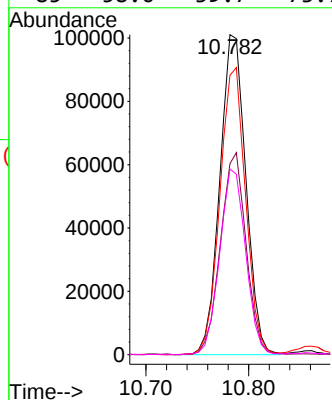
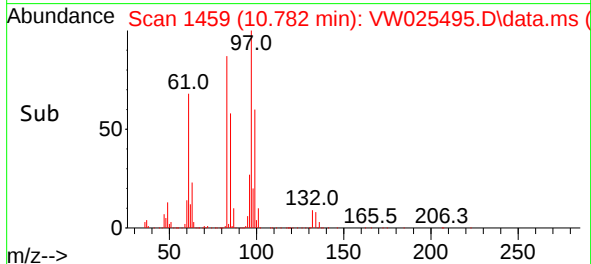


#45
1,1,2-Trichloroethane
Concen: 24.150 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

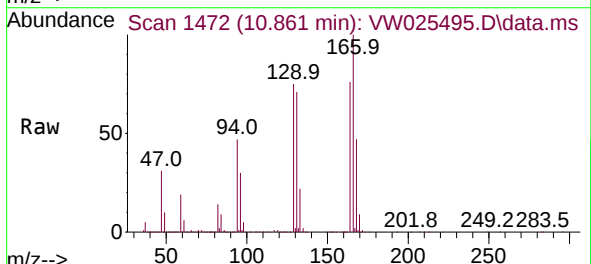
Instrument :
MSVOA_W
ClientSampleId :



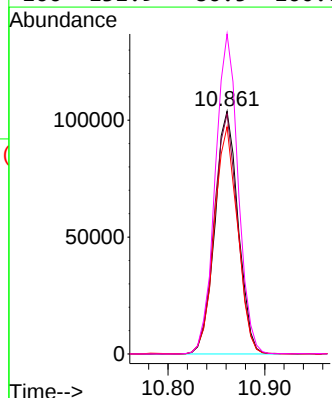
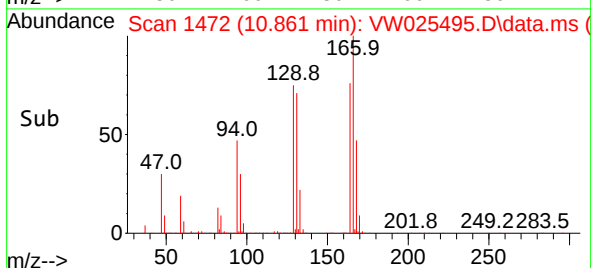
Tgt Ion: 97 Resp: 177862
Ion Ratio Lower Upper
97 100
99 59.7 42.6 79.0
83 87.3 60.5 112.3
85 58.0 39.7 73.7

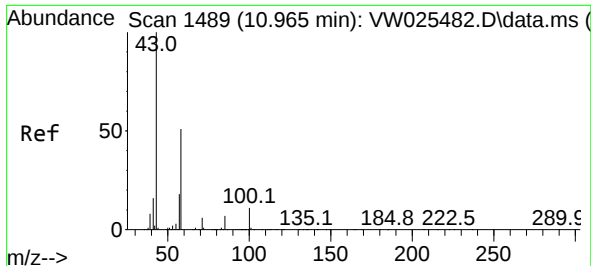


#46
Tetrachloroethene
Concen: 23.316 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31



Tgt Ion:164 Resp: 173478
Ion Ratio Lower Upper
164 100
129 98.9 67.7 125.7
131 93.6 67.0 124.4
166 131.9 86.5 160.7



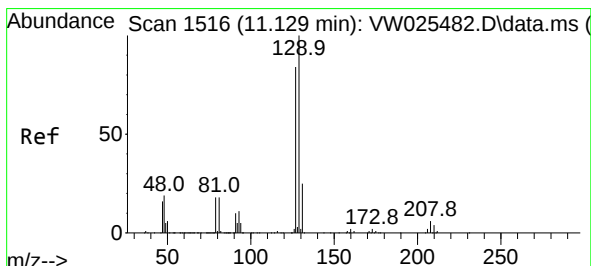
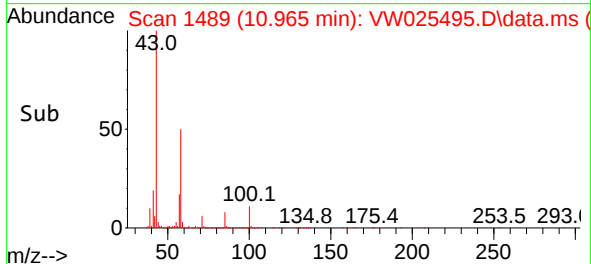
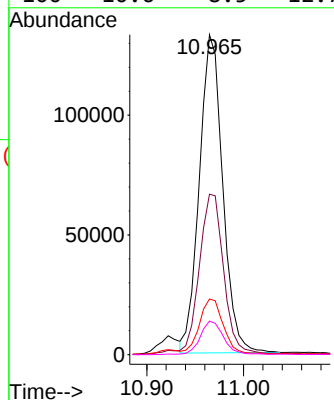
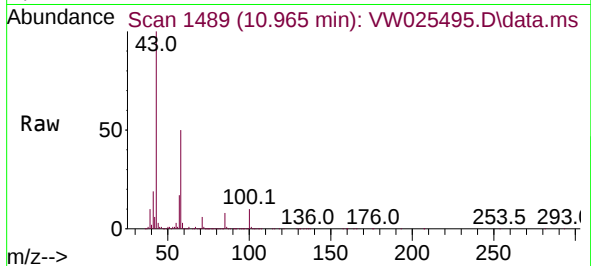


#48
2-Hexanone
Concen: 47.222 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 223934

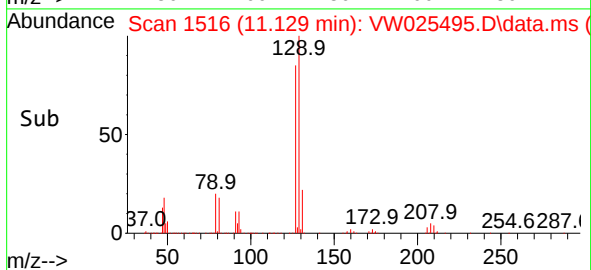
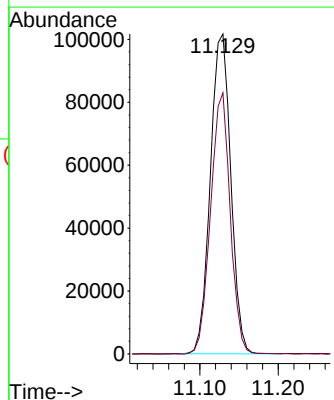
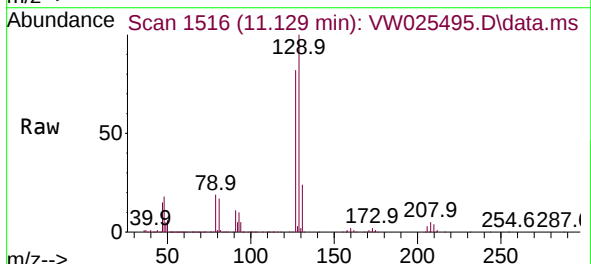
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.2	61.8
57	17.9	14.2	21.4
100	10.6	8.5	12.7

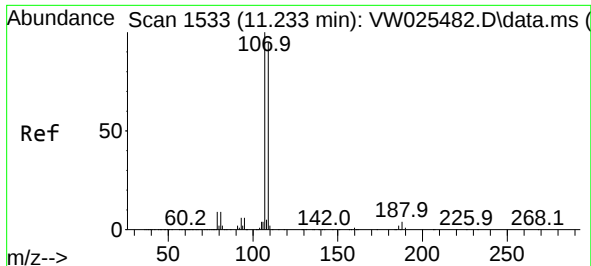


#49
Dibromochloromethane
Concen: 23.424 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 129 Resp: 184327

Ion	Ratio	Lower	Upper
129	100		
127	81.6	52.8	98.2





#50

1,2-Dibromoethane

Concen: 23.039 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

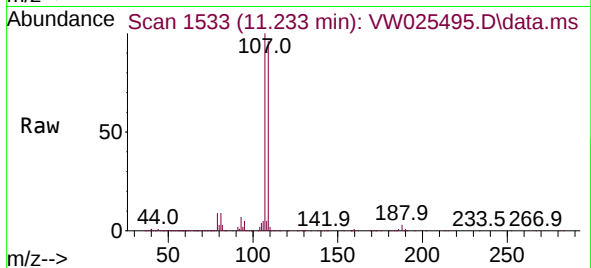
Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :



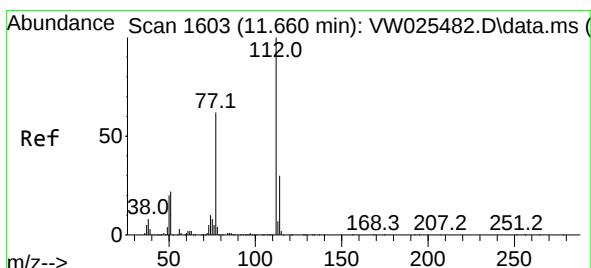
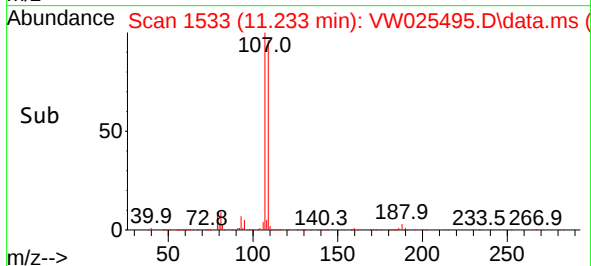
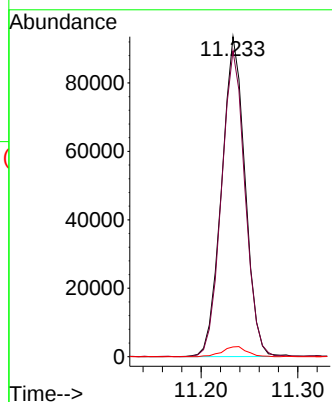
Tgt Ion:107 Resp: 157060

Ion Ratio Lower Upper

107 100

109 95.6 62.9 116.9

188 3.0 3.0 4.4



#51

Chlorobenzene

Concen: 24.046 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

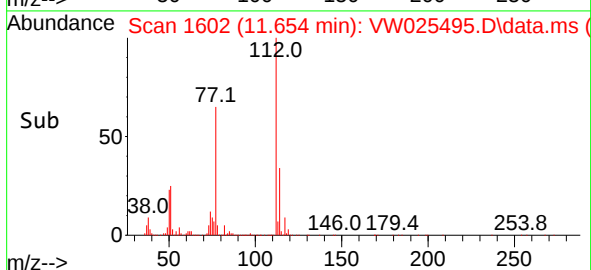
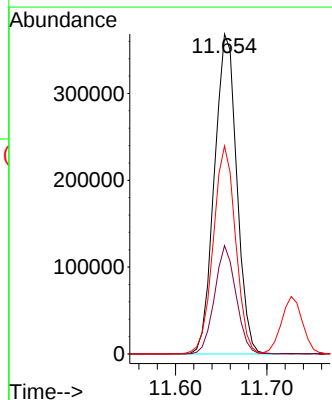
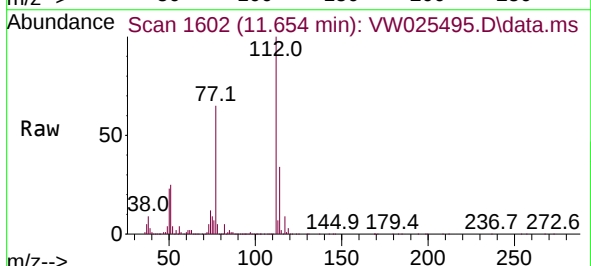
Tgt Ion:112 Resp: 627786

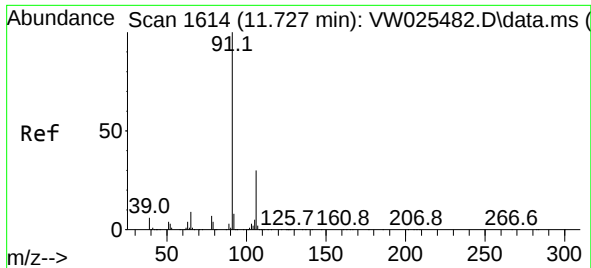
Ion Ratio Lower Upper

112 100

114 33.9 21.9 40.7

77 65.0 51.8 77.8

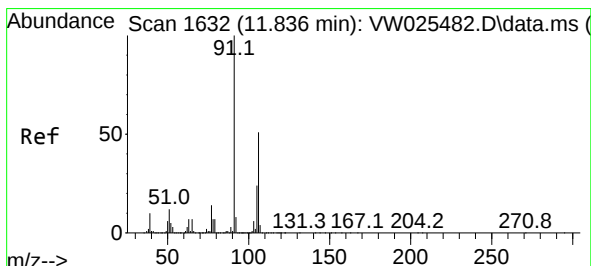
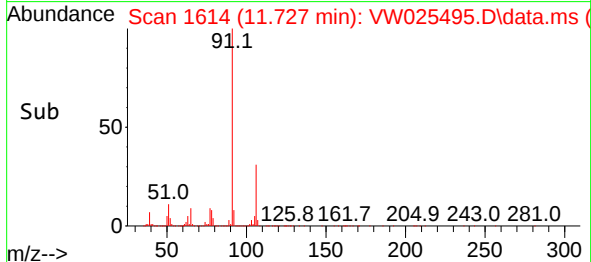
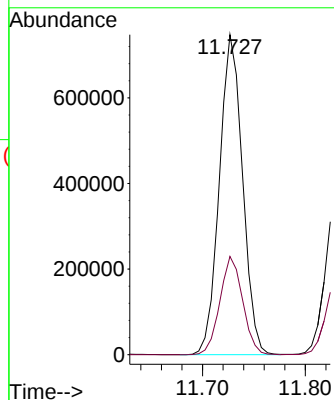
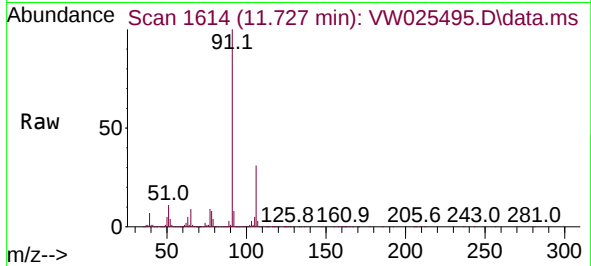




#52
Ethylbenzene
Concen: 24.922 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

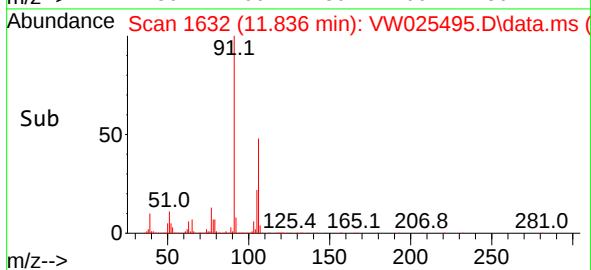
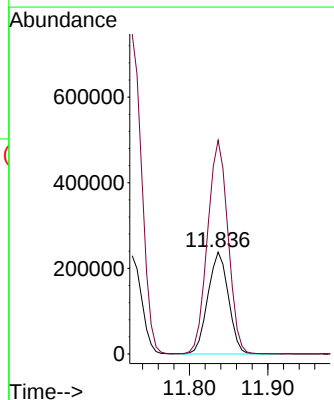
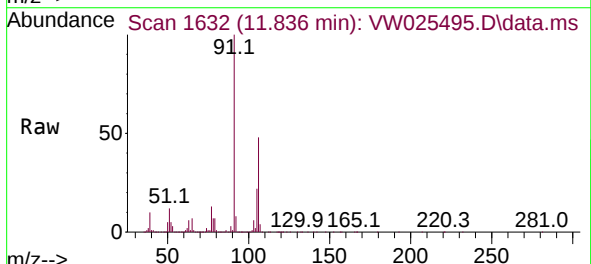
Instrument :
MSVOA_W
ClientSampleId :

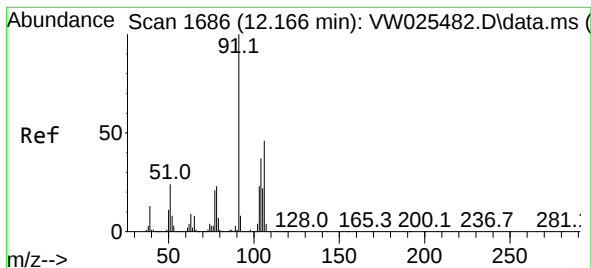
Tgt Ion: 91 Resp: 1169223
Ion Ratio Lower Upper
91 100
106 30.7 22.0 41.0



#53
m,p-Xylene
Concen: 25.048 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion: 106 Resp: 433428
Ion Ratio Lower Upper
106 100
91 209.7 144.2 267.8





#54

o-Xylene

Concen: 25.396 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

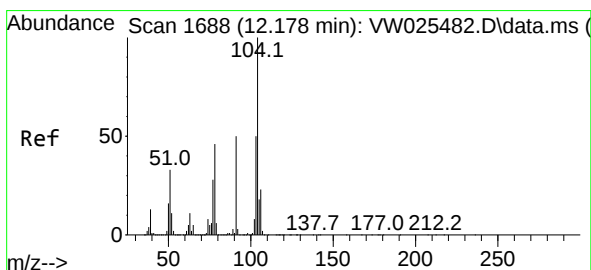
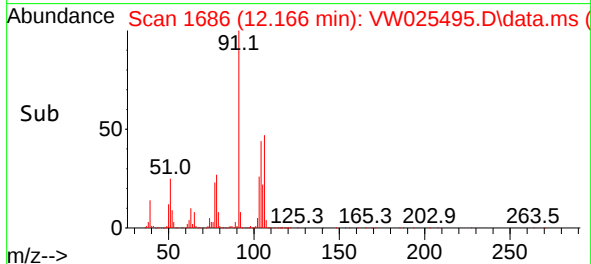
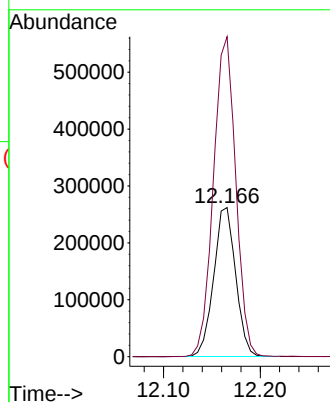
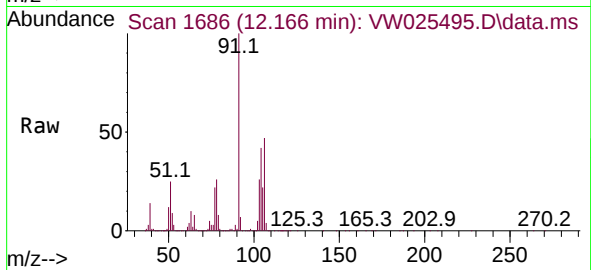
ClientSampleId :

Tgt Ion:106 Resp: 413517

Ion Ratio Lower Upper

106 100

91 214.6 154.6 287.2



#55

Styrene

Concen: 25.296 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025495.D

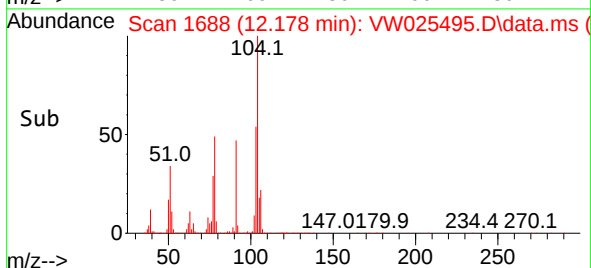
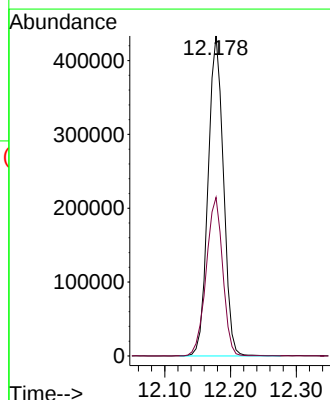
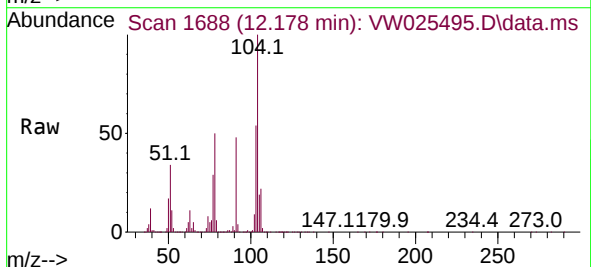
Acq: 29 Mar 2023 18:31

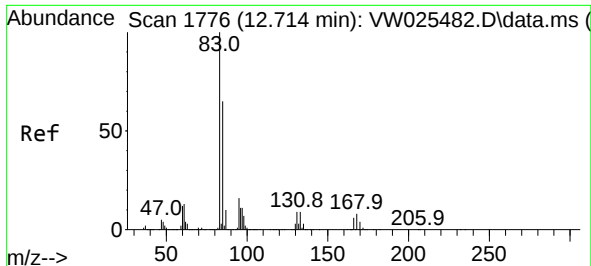
Tgt Ion:104 Resp: 703375

Ion Ratio Lower Upper

104 100

78 49.5 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.608 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

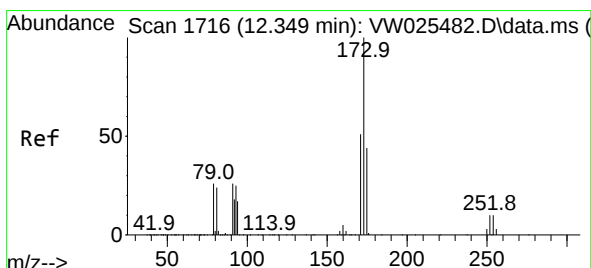
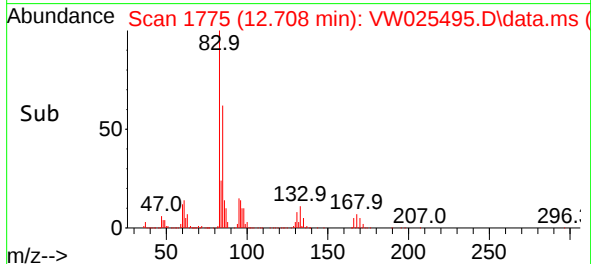
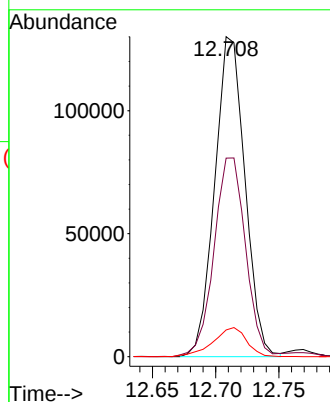
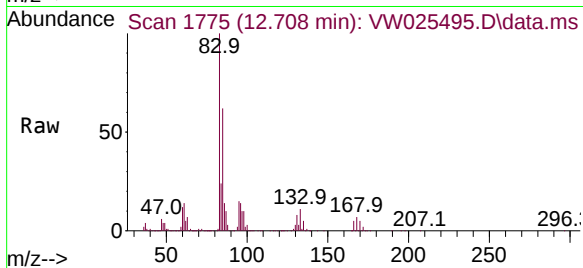
Tgt Ion: 83 Resp: 216279

Ion Ratio Lower Upper

83 100

85 62.0 45.4 84.2

131 8.4 8.0 12.0



#59

Bromoform

Concen: 22.155 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

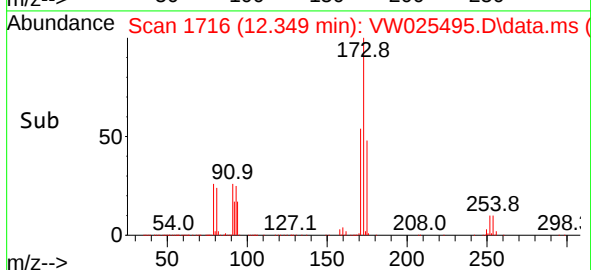
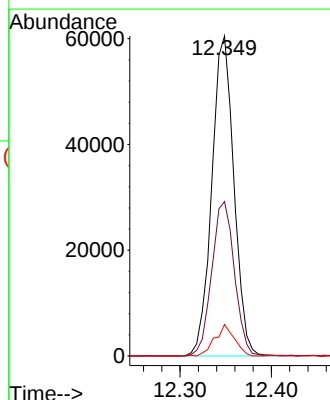
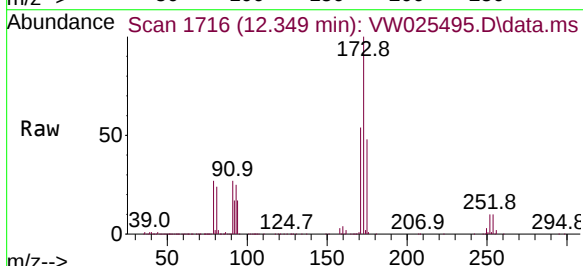
Tgt Ion:173 Resp: 101640

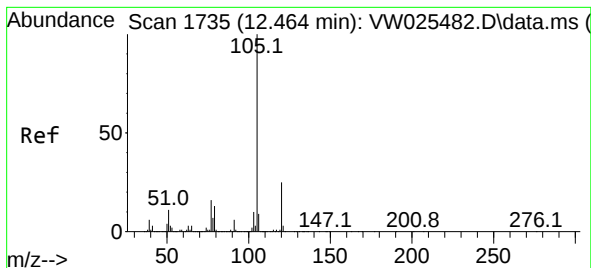
Ion Ratio Lower Upper

173 100

175 49.4 38.6 57.8

254 8.7 7.9 11.9





#60

Isopropylbenzene

Concen: 23.971 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

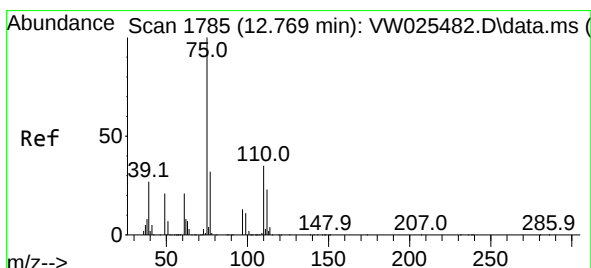
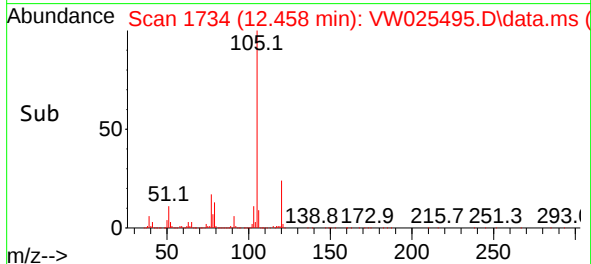
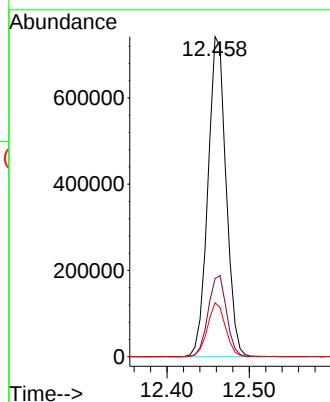
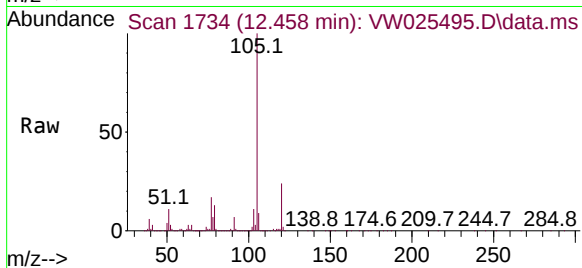
Tgt Ion:105 Resp: 1136247

Ion Ratio Lower Upper

105 100

120 25.6 20.9 31.3

77 16.6 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 22.532 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

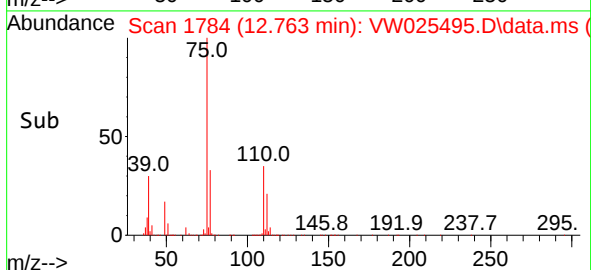
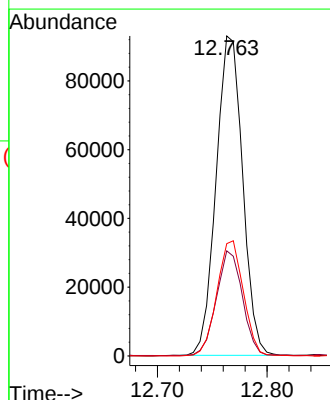
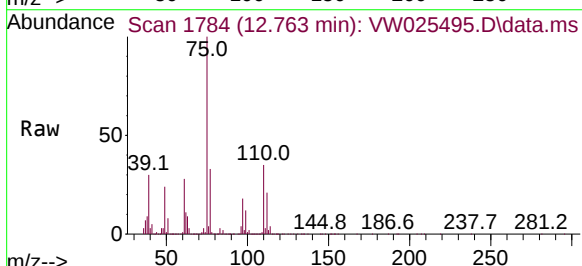
Tgt Ion: 75 Resp: 156099

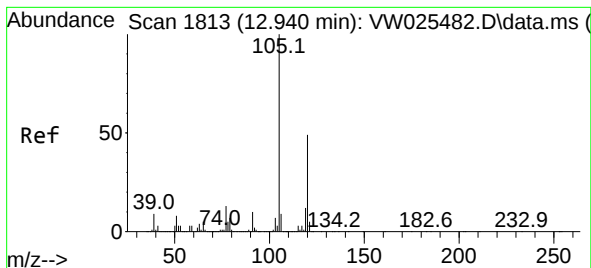
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

110 36.0 28.9 43.3

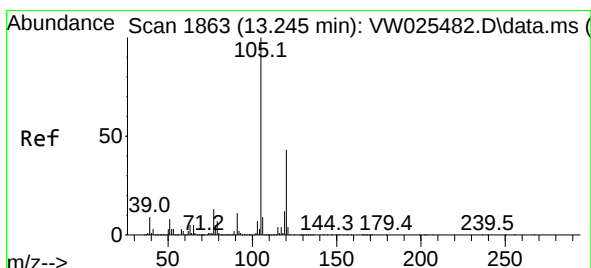
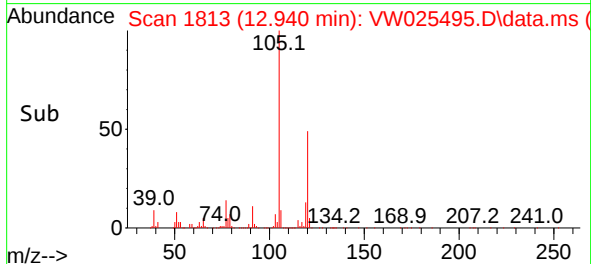
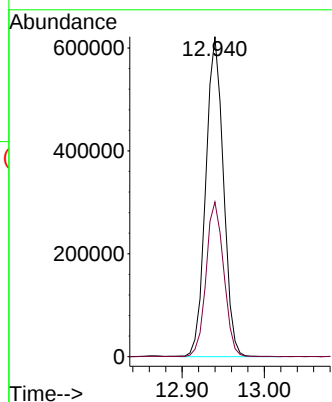
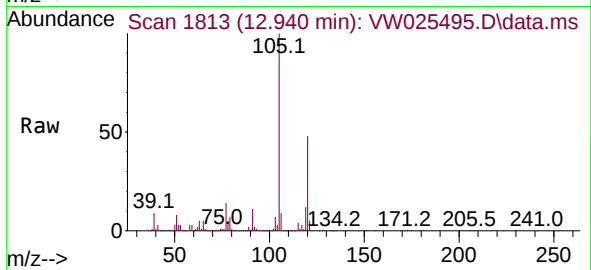




#62
 1,3,5-Trimethylbenzene
 Concen: 24.686 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW025495.D
 Acq: 29 Mar 2023 18:31

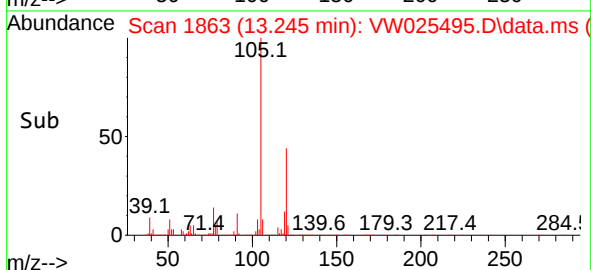
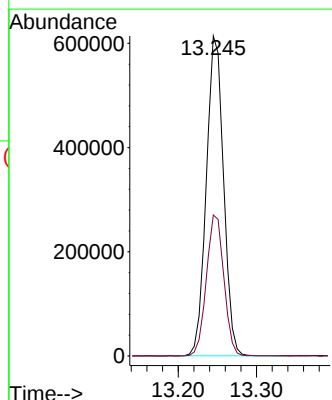
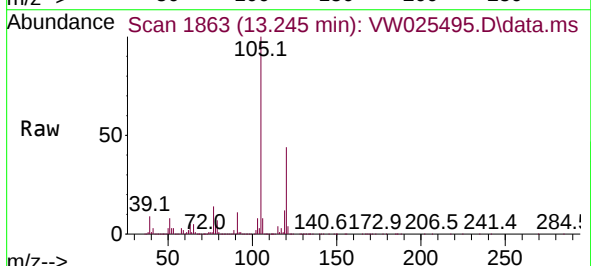
Instrument :
 MSVOA_W
 ClientSampleId :

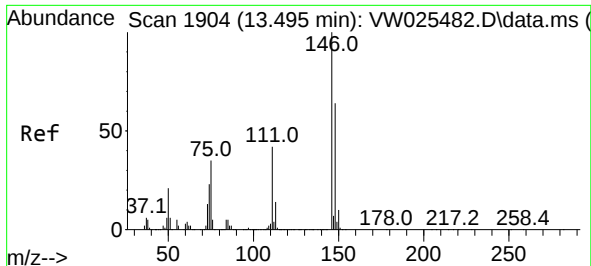
Tgt Ion:105 Resp: 926746
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 25.334 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW025495.D
 Acq: 29 Mar 2023 18:31

Tgt Ion:105 Resp: 936923
 Ion Ratio Lower Upper
 105 100
 120 44.6 36.0 54.0

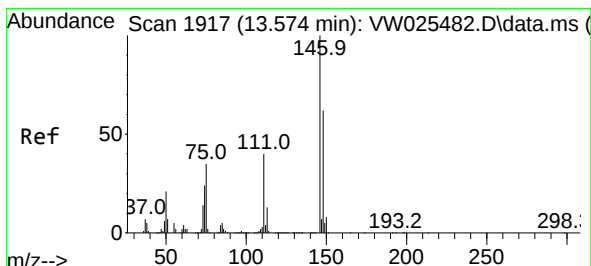
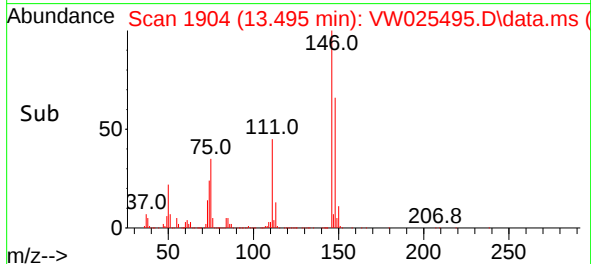
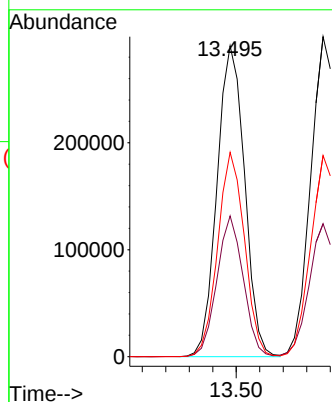
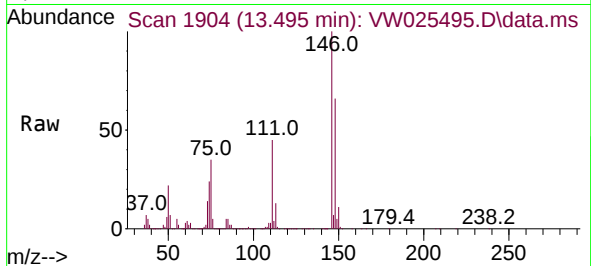




#64
1,3-Dichlorobenzene
Concen: 23.619 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

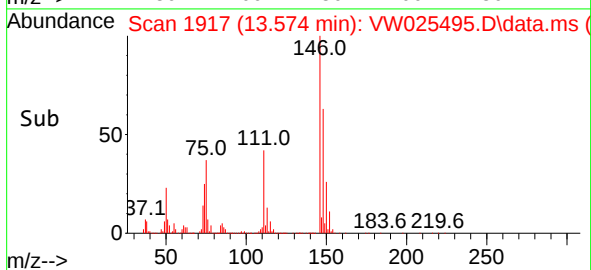
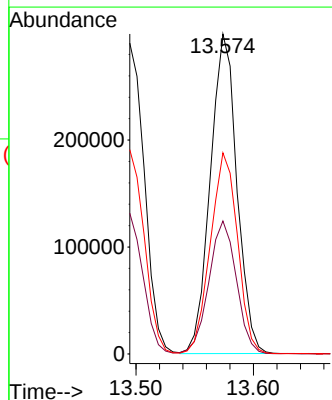
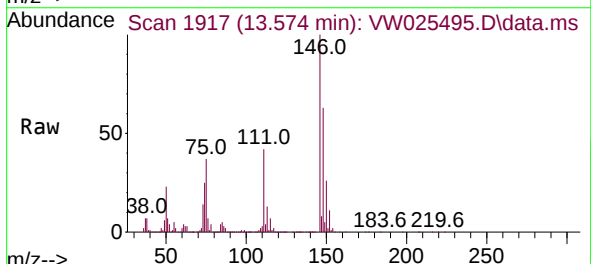
Instrument :
MSVOA_W
ClientSampleId :

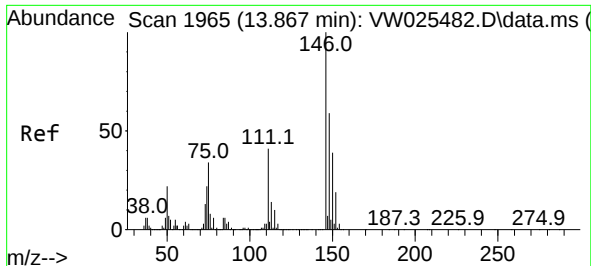
Tgt Ion:146 Resp: 474409
Ion Ratio Lower Upper
146 100
111 45.3 29.7 55.1
148 65.7 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 22.830 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion:146 Resp: 470360
Ion Ratio Lower Upper
146 100
111 41.5 28.2 52.4
148 62.9 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 24.042 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

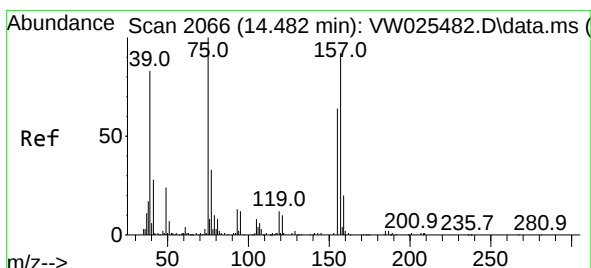
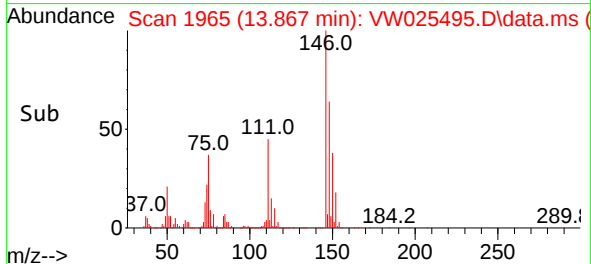
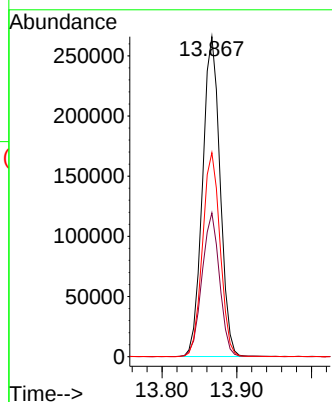
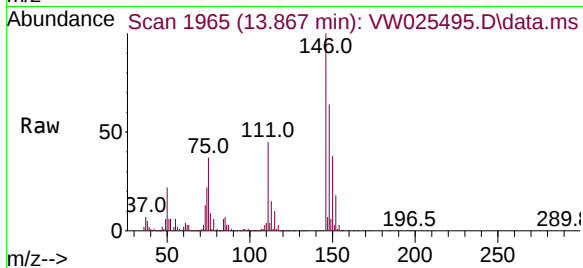
Tgt Ion:146 Resp: 433112

Ion Ratio Lower Upper

146 100

111 44.9 36.6 54.8

148 63.8 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 20.842 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

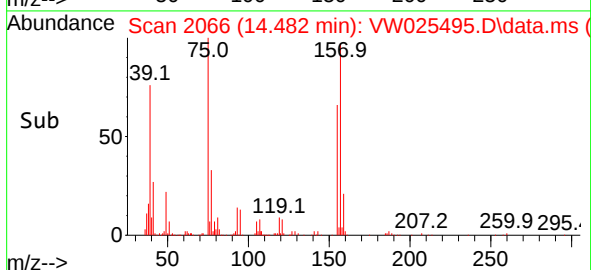
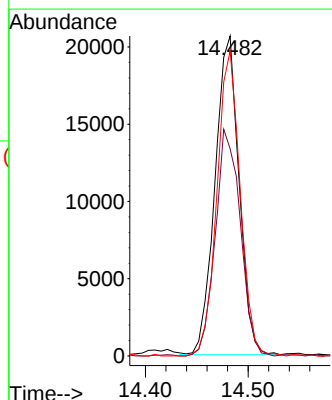
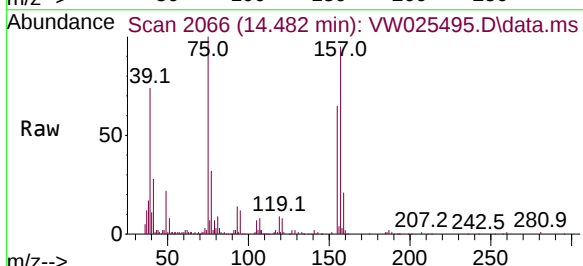
Tgt Ion: 75 Resp: 33428

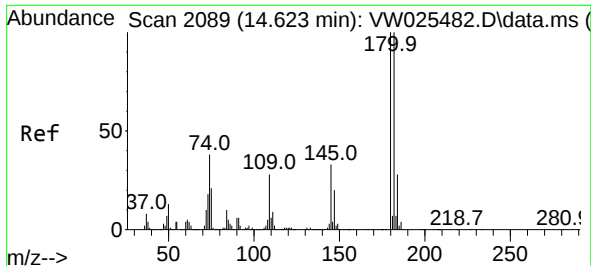
Ion Ratio Lower Upper

75 100

155 64.8 55.4 83.0

157 95.4 75.3 112.9

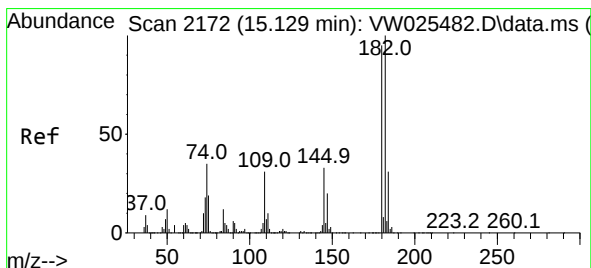
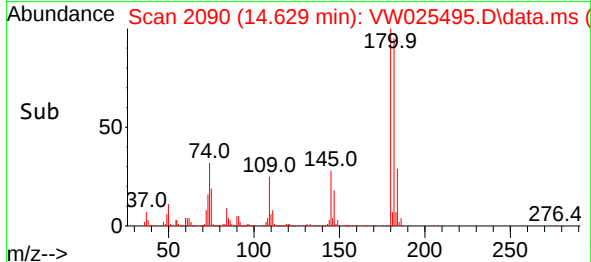
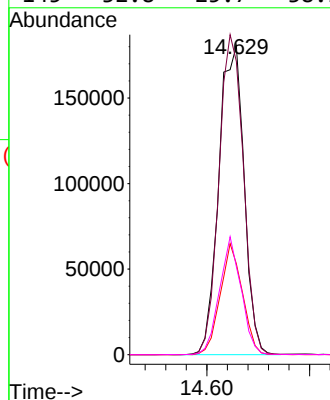
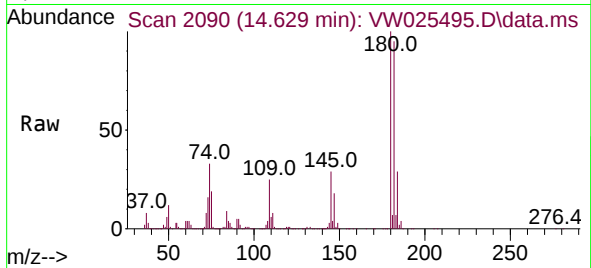




#69
1,3,5-Trichlorobenzene
Concen: 22.562 ug/L
RT: 14.629 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

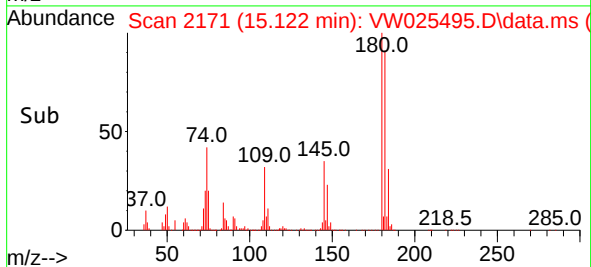
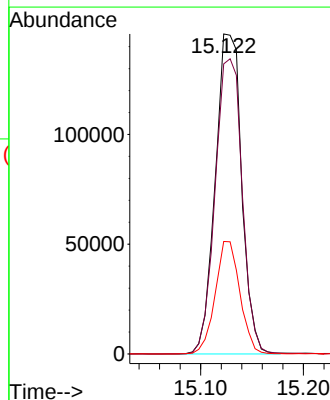
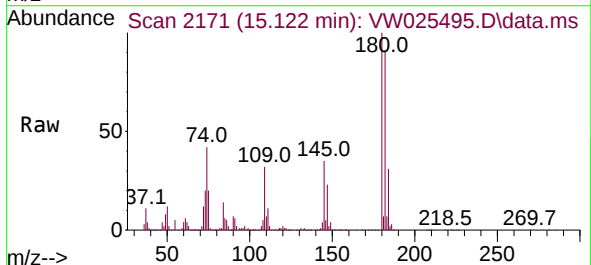
Instrument :
MSVOA_W
ClientSampleId :

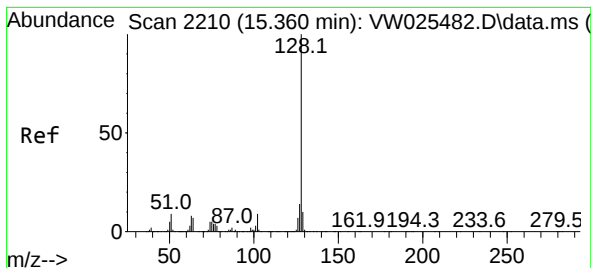
Tgt Ion:180 Resp: 308055
Ion Ratio Lower Upper
180 100
182 99.8 77.1 115.7
184 31.5 24.7 37.1
145 32.8 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 22.937 ug/L
RT: 15.122 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW025495.D
Acq: 29 Mar 2023 18:31

Tgt Ion:180 Resp: 259663
Ion Ratio Lower Upper
180 100
182 94.5 75.5 113.3
145 33.0 25.2 37.8





#71

Naphthalene

Concen: 24.878 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Instrument :

MSVOA_W

ClientSampleId :

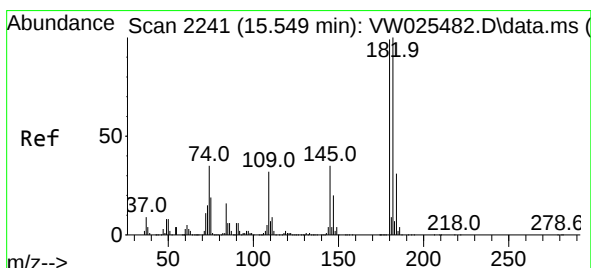
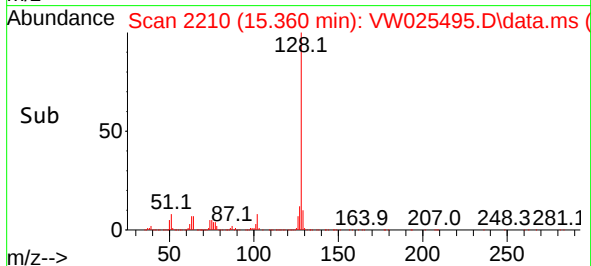
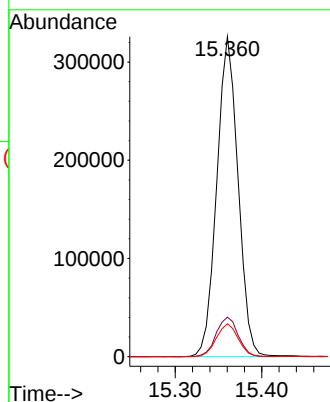
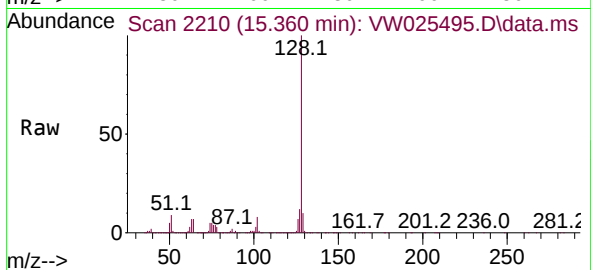
Tgt Ion:128 Resp: 555919

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.5 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 23.746 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW025495.D

Acq: 29 Mar 2023 18:31

Tgt Ion:180 Resp: 241452

Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

145 34.2 27.7 41.5

