

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033023\
 Data File : VW025497.D
 Acq On : 30 Mar 2023 11:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

Quant Time: Mar 31 02:17:16 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	683836	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	615735	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	313875	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	194311	17.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.360%
7) Chloroethane-d5	2.899	69	160156	19.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.320%
11) 1,1-Dichloroethene-d2	4.027	63	450193	20.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.000%
21) 2-Butanone-d5	7.081	46	140141	50.214	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.420%
24) Chloroform-d	7.648	84	466181	23.647	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	8.307	65	247269	23.369	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.480%
32) Benzene-d6	8.276	84	919158	21.847	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	9.276	67	294040	22.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.325	98	800672	21.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.320%
43) trans-1,3-Dichloroprop...	10.575	79	108977	21.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.120%
47) 2-Hexanone-d5	10.922	63	90394	48.297	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	224266	23.519	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	253735	21.738	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	141028	18.046	ug/L #	78
3) Chloromethane	2.223	50	231503	24.907	ug/L	98
5) Vinyl chloride	2.375	62	269110	25.628	ug/L	95
6) Bromomethane	2.790	94	143921	25.708	ug/L	96
8) Chloroethane	2.936	64	162137	26.865	ug/L	96
9) Trichlorofluoromethane	3.271	101	210556	23.166	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	231617	26.278	ug/L #	83
12) 1,1-Dichloroethene	4.051	96	214589	25.164	ug/L	97
13) Acetone	4.125	43	129892	48.415	ug/L	98
14) Carbon disulfide	4.393	76	661860	24.963	ug/L	99
15) Methyl Acetate	4.673	43	124465	24.729	ug/L	97
16) Methylene chloride	4.917	84	259161	27.217	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	232574	26.017	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	364155	27.058	ug/L	99
19) 1,1-Dichloroethane	6.222	63	497872	26.895	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	260531	26.619	ug/L #	96
22) 2-Butanone	7.167	43	163700	47.167	ug/L	100
23) Bromochloromethane	7.520	128	110317	26.210	ug/L	96
25) Chloroform	7.679	83	464253	26.678	ug/L	98

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 Response via : Initial Calibration

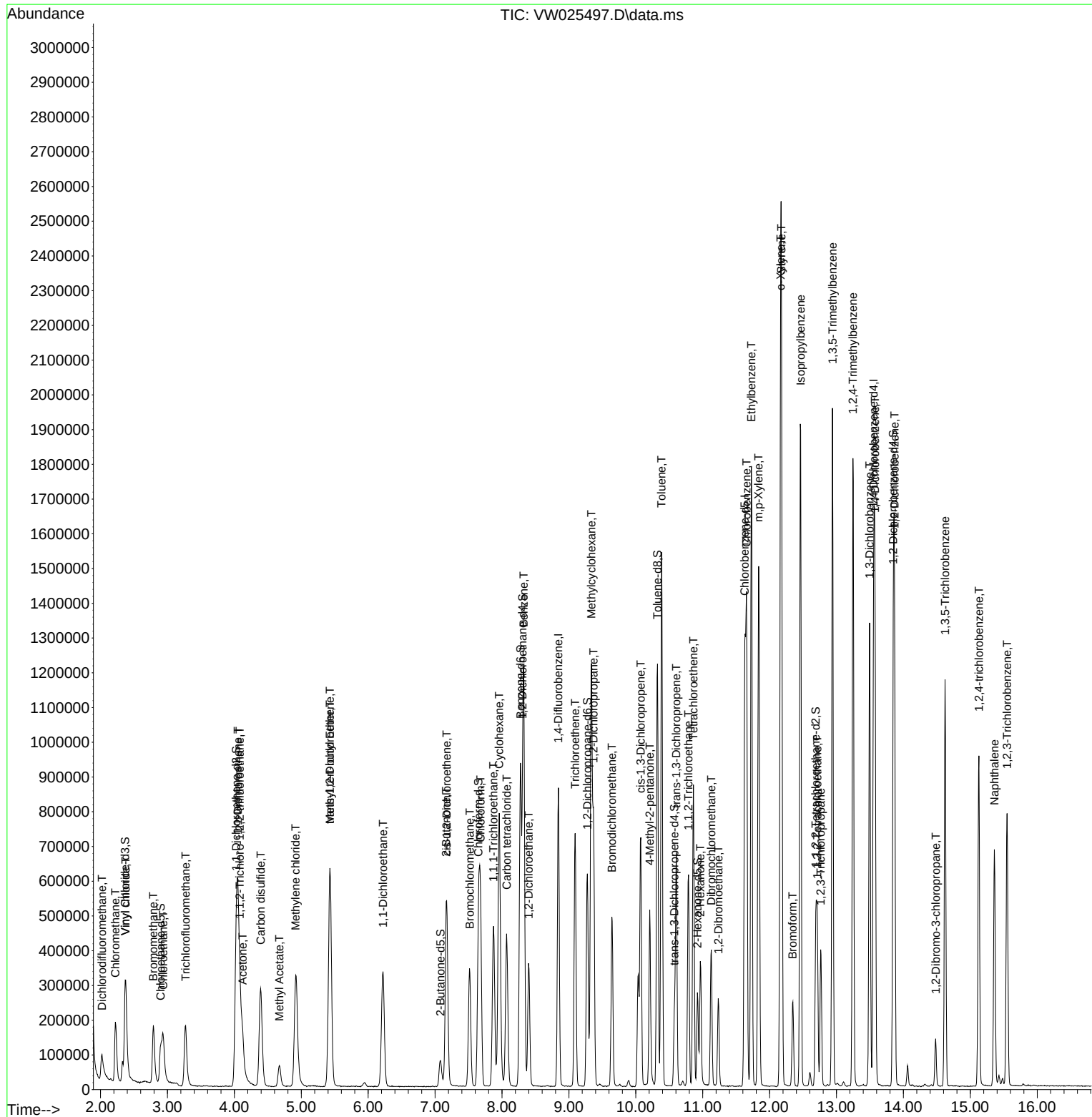
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	321345	27.670	ug/L	98
29) Cyclohexane	7.959	56	448809	25.823	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	363310	24.821	ug/L	98
31) Carbon tetrachloride	8.069	117	323762	24.676	ug/L	98
33) Benzene	8.325	78	1040904	26.441	ug/L	100
34) Trichloroethene	9.093	95	257476	24.919	ug/L	94
35) Methylcyclohexane	9.337	83	455914	25.615	ug/L	100
37) 1,2-Dichloropropane	9.368	63	285752	26.370	ug/L	100
38) Bromodichloromethane	9.642	83	330248	26.132	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	418777	26.826	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	342914	52.652	ug/L	99
42) Toluene	10.386	91	1080468	26.582	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	340641	26.056	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	187879	25.818	ug/L	97
46) Tetrachloroethene	10.861	164	184291	25.068	ug/L	91
48) 2-Hexanone	10.965	43	244014	52.076	ug/L	99
49) Dibromochloromethane	11.129	129	201535	25.919	ug/L	98
50) 1,2-Dibromoethane	11.233	107	171392	25.444	ug/L	99
51) Chlorobenzene	11.654	112	655473	25.409	ug/L	99
52) Ethylbenzene	11.727	91	1229854	26.530	ug/L	96
53) m,p-Xylene	11.837	106	443882	25.961	ug/L	94
54) o-Xylene	12.166	106	424502	26.384	ug/L	99
55) Styrene	12.178	104	746591	27.173	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	226573	25.030	ug/L	97
59) Bromoform	12.343	173	110241	24.344	ug/L	97
60) Isopropylbenzene	12.465	105	1203080	25.712	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164160	24.005	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	974025	26.284	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	943230	25.837	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	500036	25.220	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	501420	24.655	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	446469	25.108	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	34594	21.851	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	323009	23.966	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	282713	25.300	ug/L	100
71) Naphthalene	15.360	128	545687	24.739	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	239534	23.865	ug/L	97

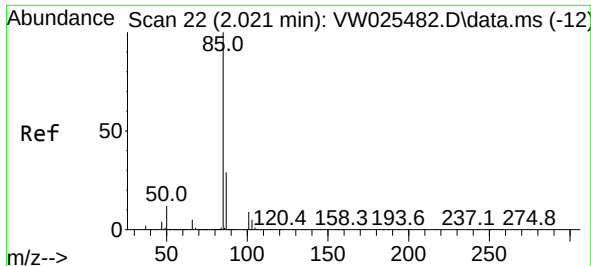
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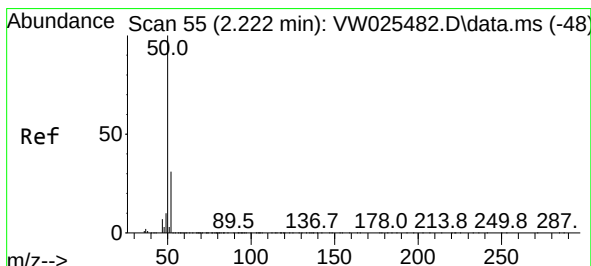
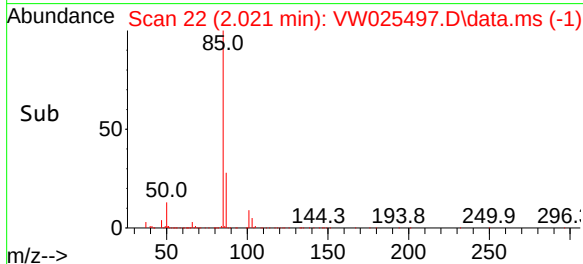
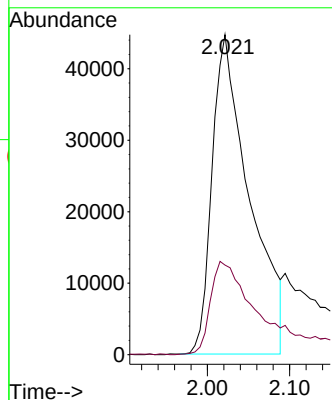
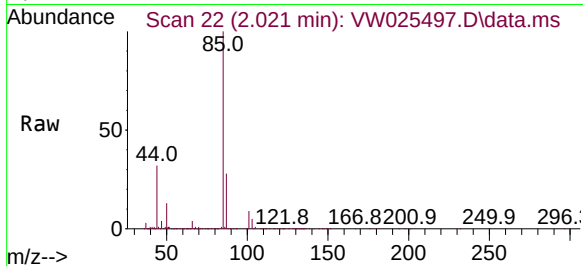




#2
 Dichlorodifluoromethane
 Concen: 18.046 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025497.D
 Acq: 30 Mar 2023 11:56

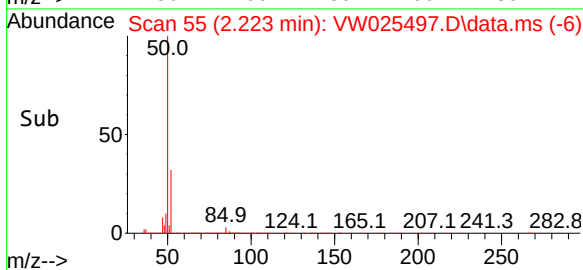
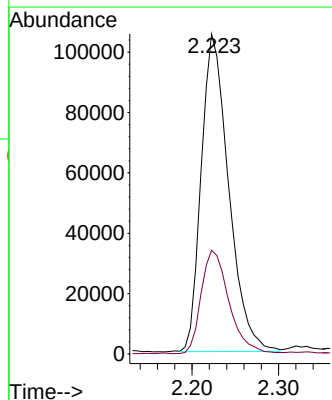
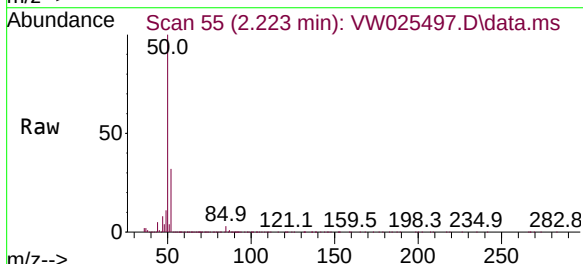
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 ClientSampleId :
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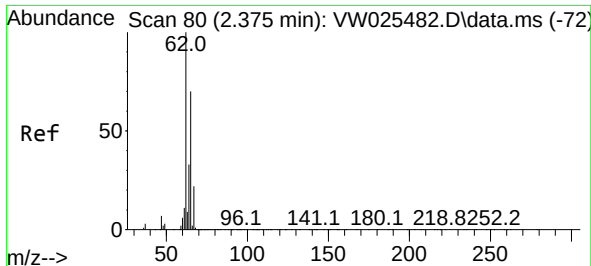
Tgt Ion: 85 Resp: 141028
 Ion Ratio Lower Upper
 85 100
 87 36.9 20.5 30.7#



#3
 Chloromethane
 Concen: 24.907 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.001 min
 Lab File: VW025497.D
 Acq: 30 Mar 2023 11:56

Tgt Ion: 50 Resp: 231503
 Ion Ratio Lower Upper
 50 100
 52 32.4 21.9 40.7

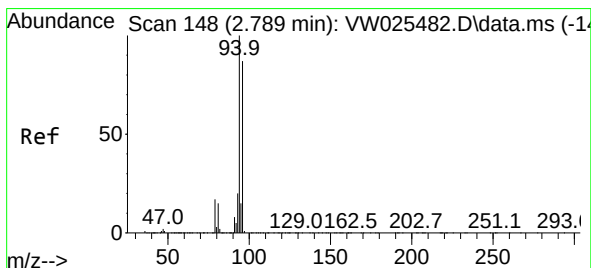
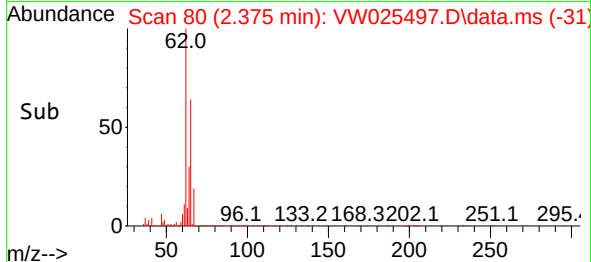
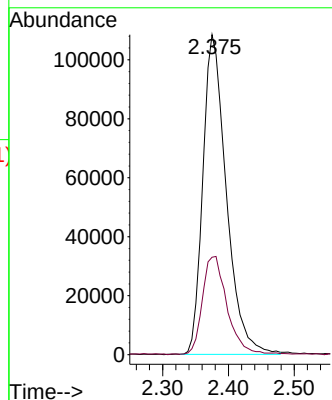
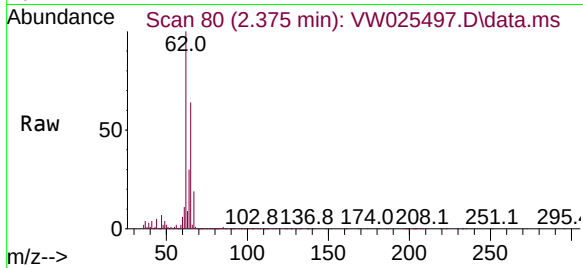




#5
 Vinyl chloride
 Concen: 25.628 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025497.D
 Acq: 30 Mar 2023 11:56

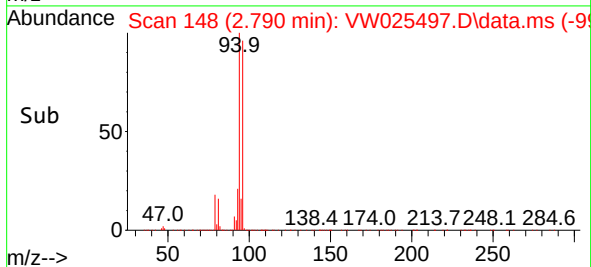
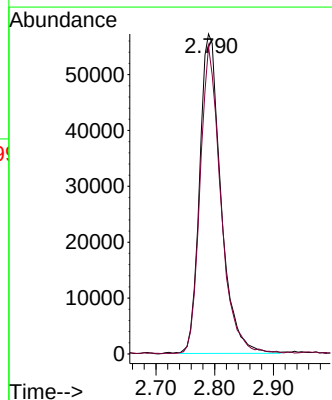
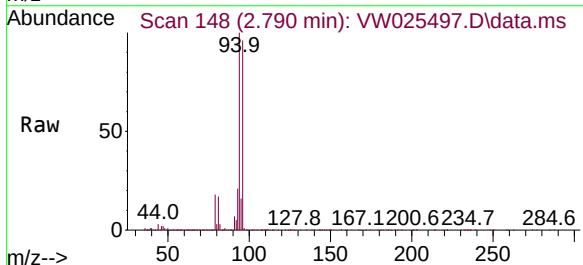
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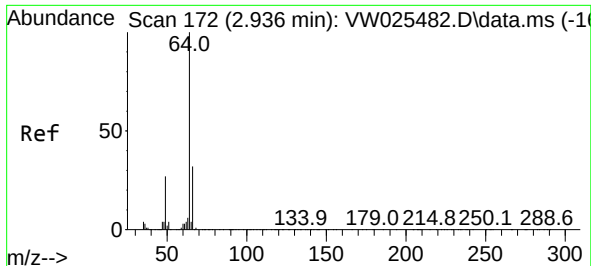
Tgt Ion: 62 Resp: 269110
 Ion Ratio Lower Upper
 62 100
 64 30.5 23.4 43.6



#6
 Bromomethane
 Concen: 25.708 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.001 min
 Lab File: VW025497.D
 Acq: 30 Mar 2023 11:56

Tgt Ion: 94 Resp: 143921
 Ion Ratio Lower Upper
 94 100
 96 96.1 64.5 119.9

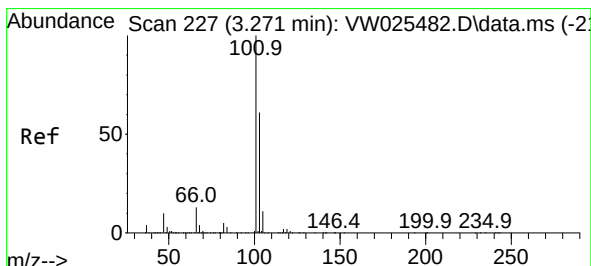
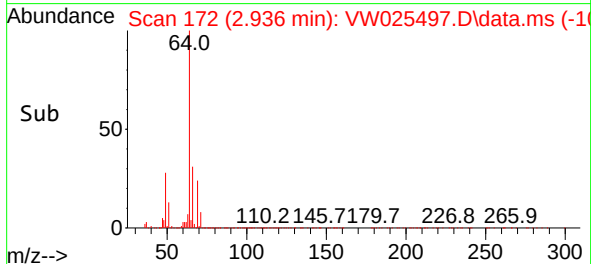
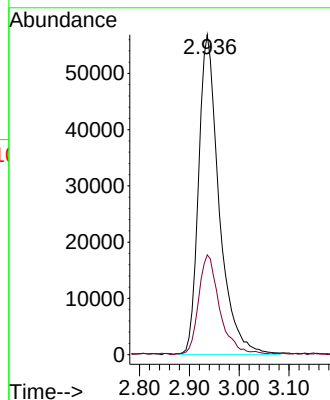
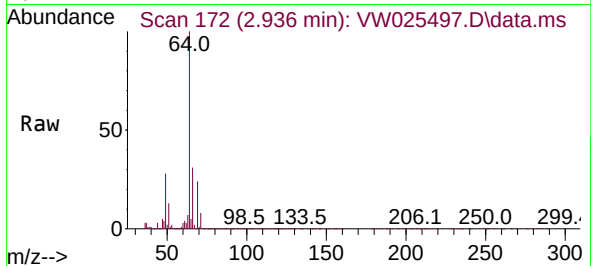




#8
Chloroethane
Concen: 26.865 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

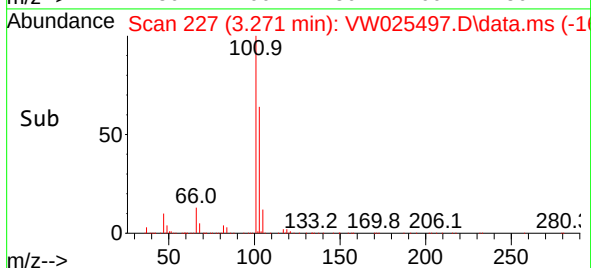
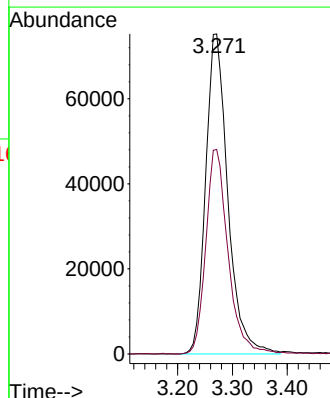
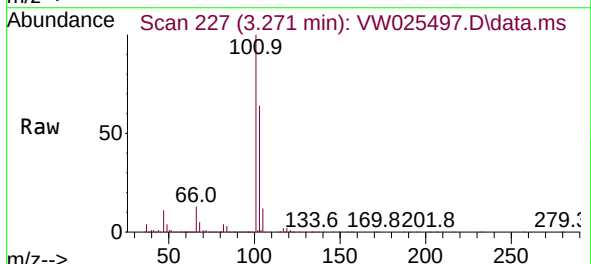
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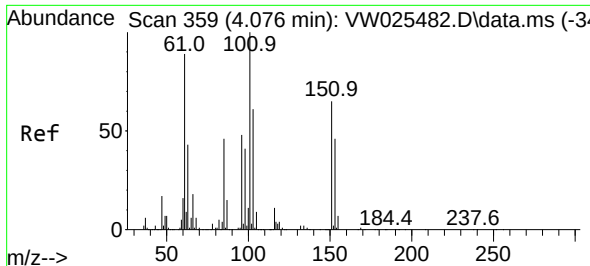
Tgt Ion: 64 Resp: 162137
Ion Ratio Lower Upper
64 100
66 31.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 23.166 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 101 Resp: 210556
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

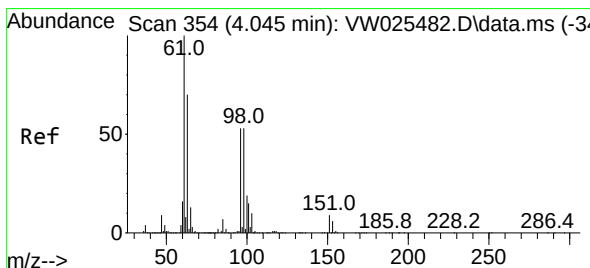
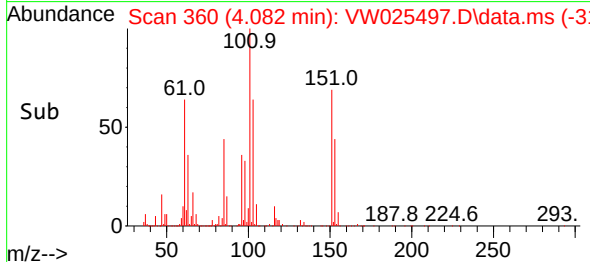
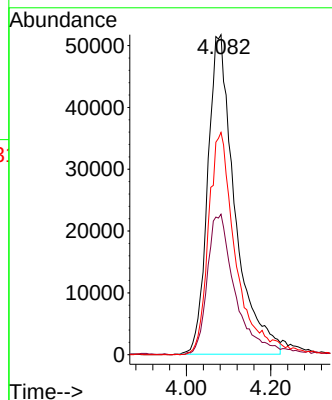
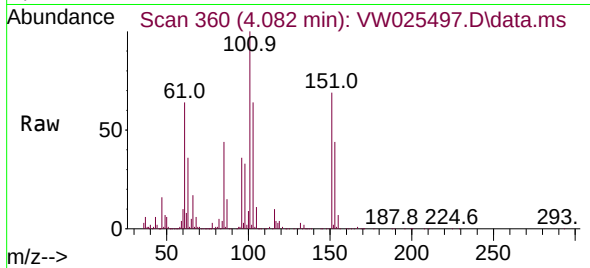




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.278 ug/L
RT: 4.082 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW025497.D
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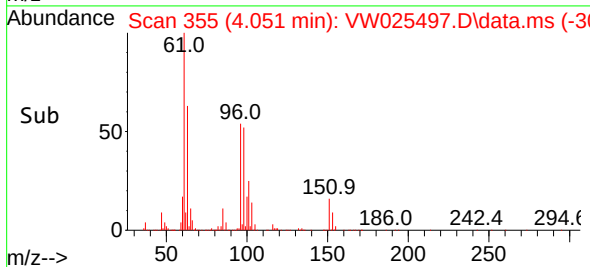
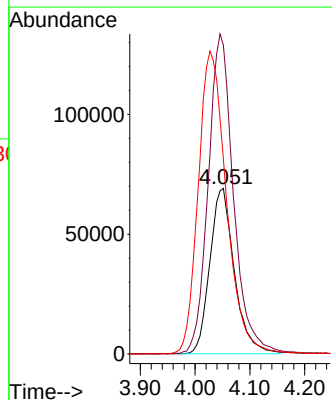
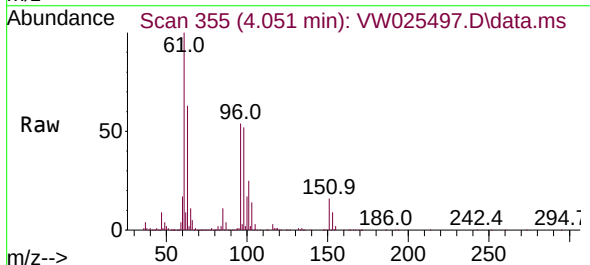
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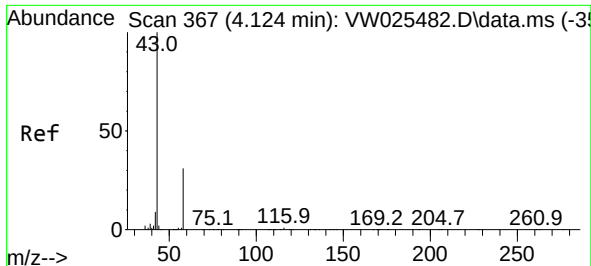
Tgt Ion:101 Resp: 231617
Ion Ratio Lower Upper
101 100
85 18.8 35.8 53.8#
151 65.7 54.2 81.2



#12
1,1-Dichloroethene
Concen: 25.164 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 96 Resp: 214589
Ion Ratio Lower Upper
96 100
61 186.5 130.7 242.7
63 117.7 88.3 164.1

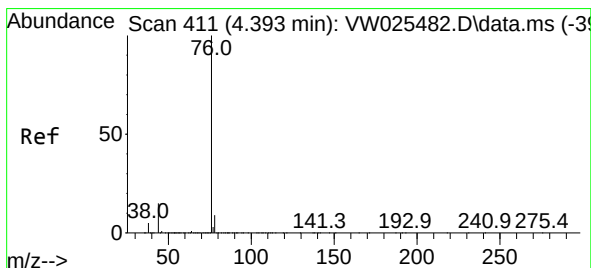
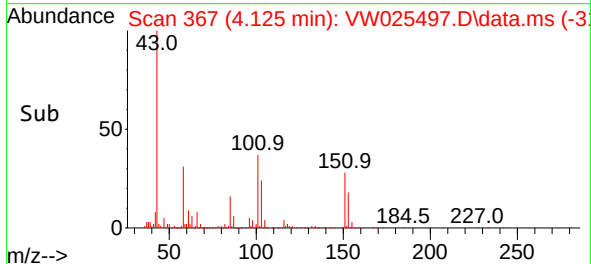
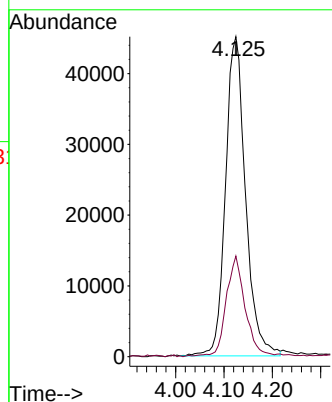
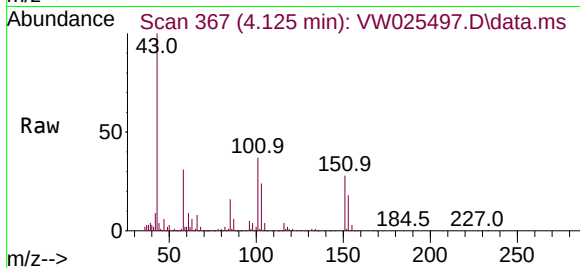




#13
Acetone
Concen: 48.415 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.001 min
Lab File: VW025497.D
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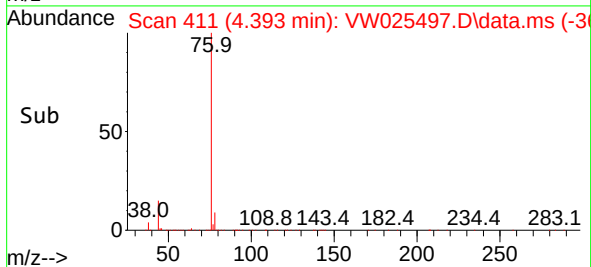
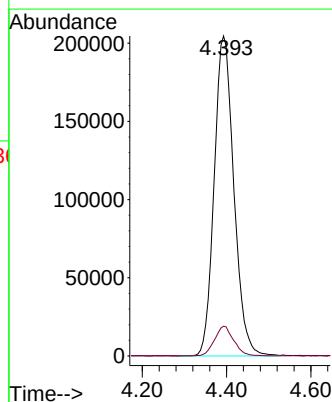
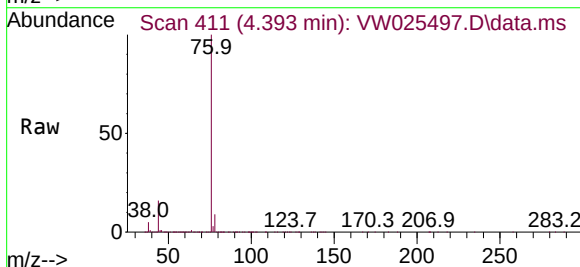
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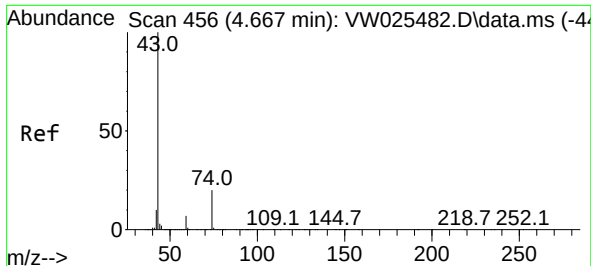
Tgt Ion: 43 Resp: 129892
Ion Ratio Lower Upper
43 100
58 28.7 0.0 60.0



#14
Carbon disulfide
Concen: 24.963 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 661860
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

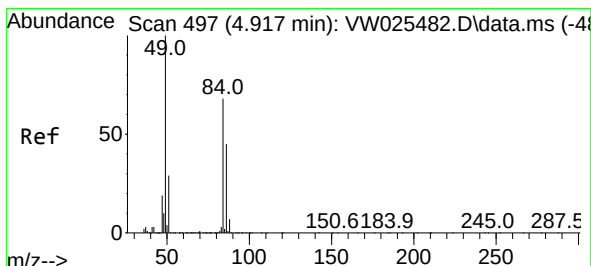
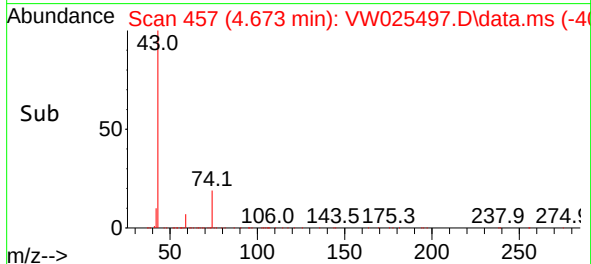
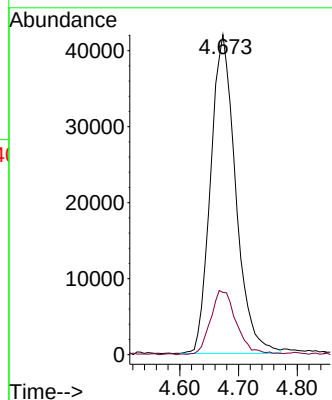
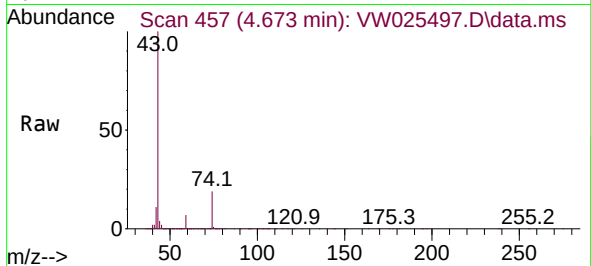




#15
Methyl Acetate
Concen: 24.729 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

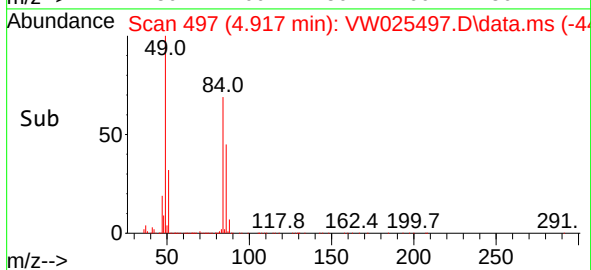
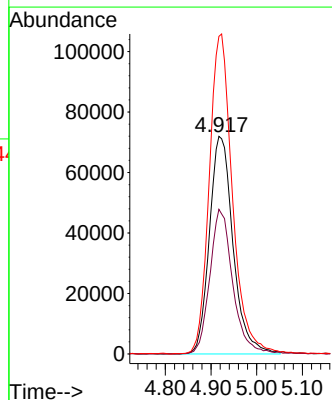
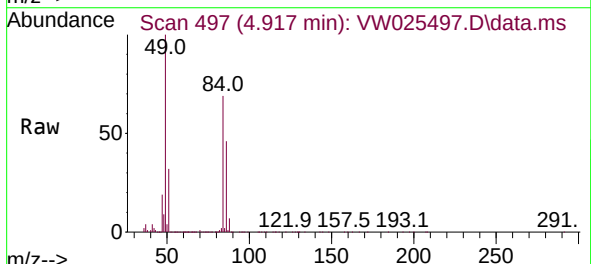
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

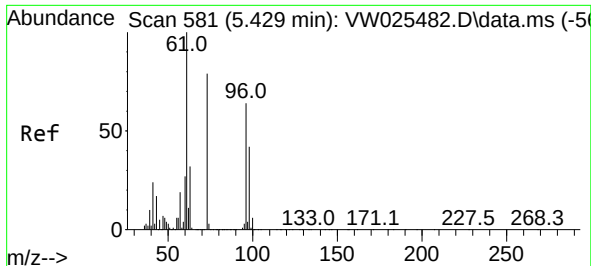
Tgt Ion: 43 Resp: 124465
Ion Ratio Lower Upper
43 100
74 19.7 17.0 25.4



#16
Methylene chloride
Concen: 27.217 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 84 Resp: 259161
Ion Ratio Lower Upper
84 100
86 66.5 45.1 83.7
49 146.0 94.7 175.9

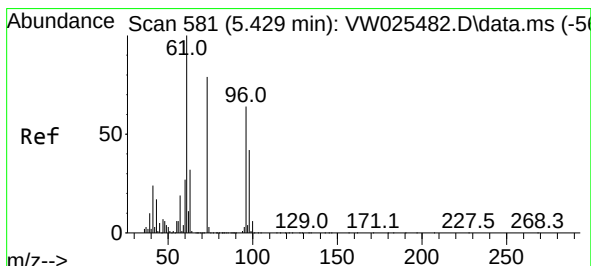
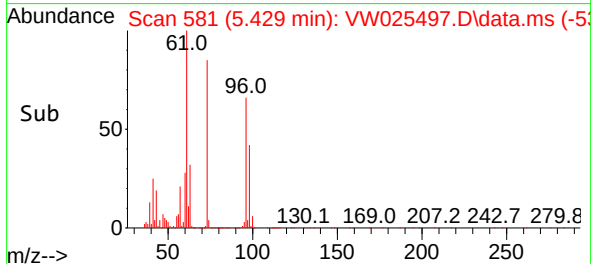
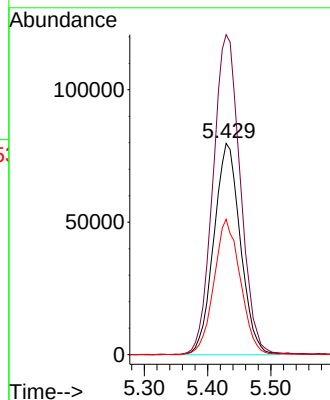
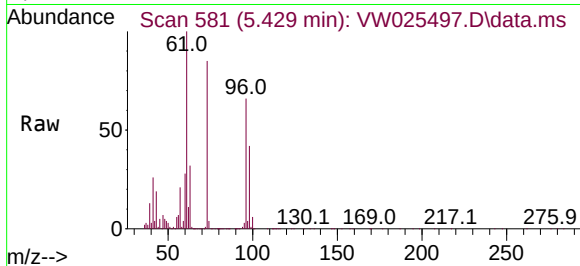




#17
trans-1,2-Dichloroethene
Concen: 26.017 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

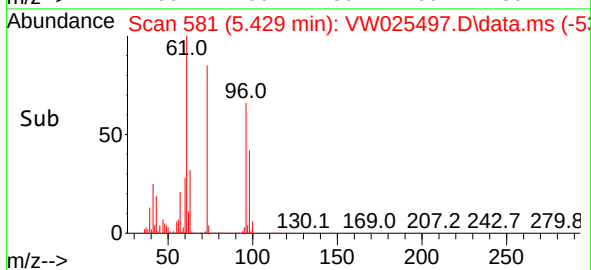
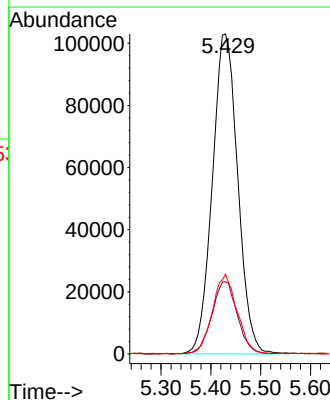
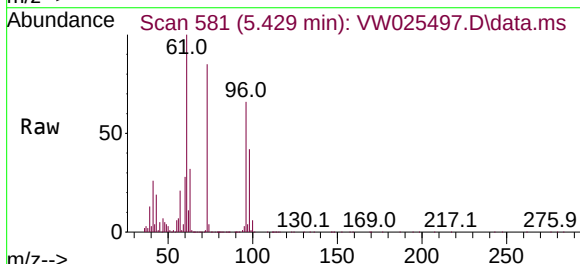
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

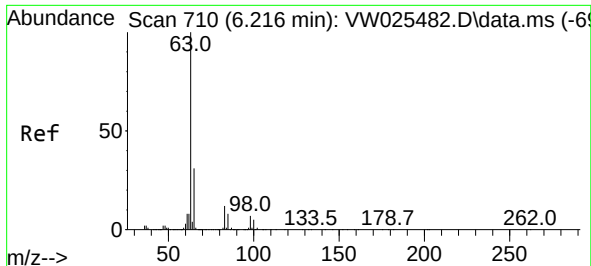
Tgt Ion: 96 Resp: 232574
Ion Ratio Lower Upper
96 100
61 151.4 103.0 191.4
98 64.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 27.058 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 73 Resp: 364155
Ion Ratio Lower Upper
73 100
43 22.4 17.6 26.4
57 23.9 18.6 28.0





#19

1,1-Dichloroethane

Concen: 26.895 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

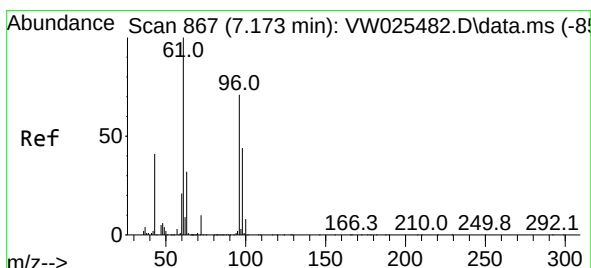
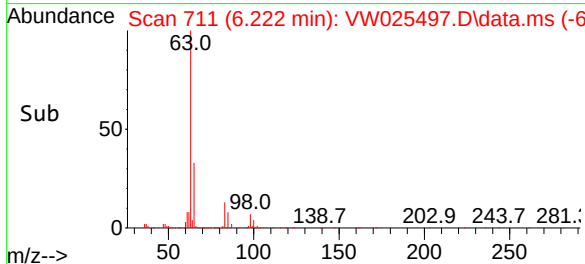
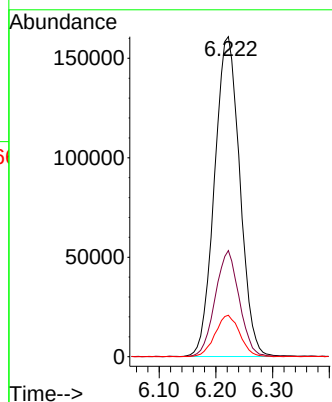
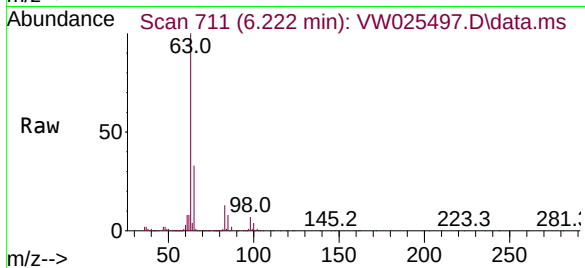
Tgt Ion: 63 Resp: 497872

Ion Ratio Lower Upper

63 100

65 33.1 21.7 40.3

83 12.9 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 26.619 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

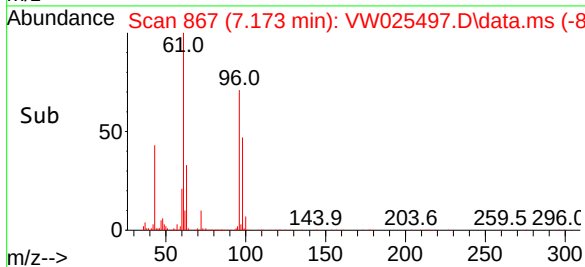
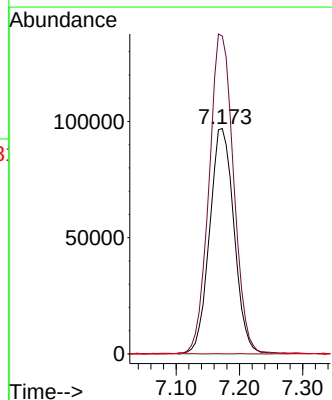
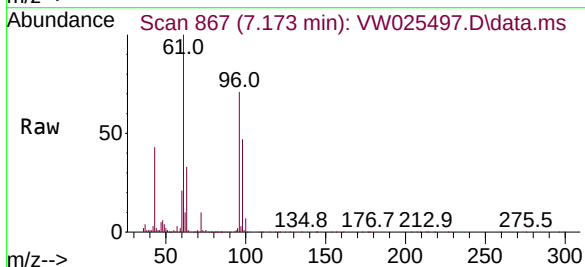
Tgt Ion: 96 Resp: 260531

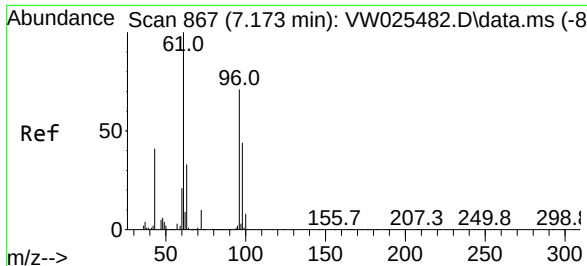
Ion Ratio Lower Upper

96 100

61 141.0 95.5 177.4

68 0.1 0.1 0.1#

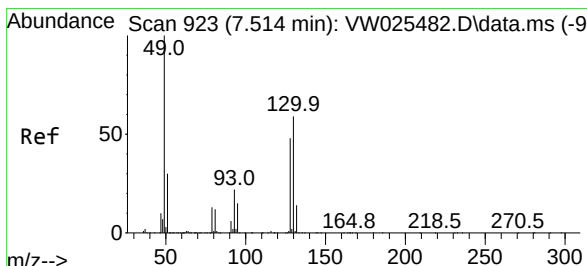
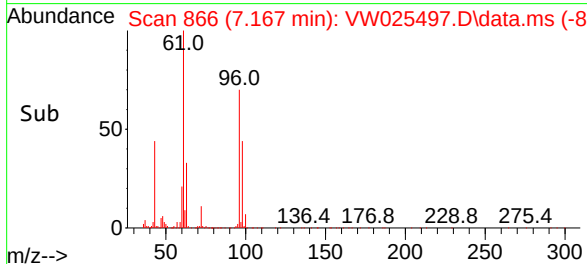
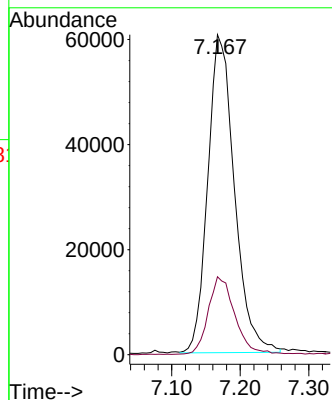
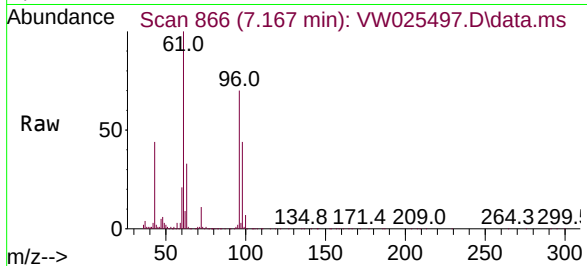




#22
2-Butanone
Concen: 47.167 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

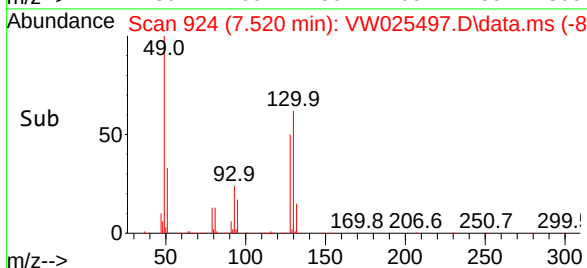
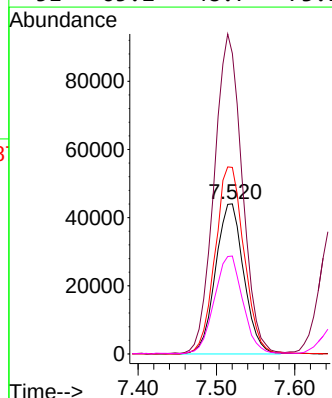
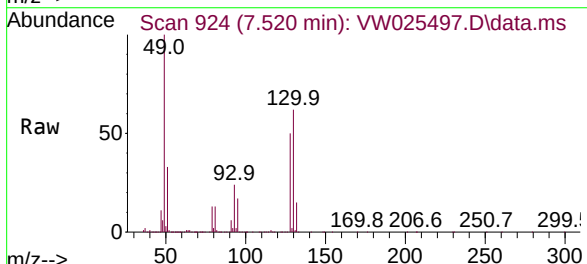
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

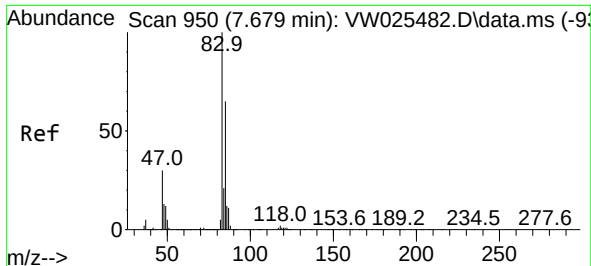
Tgt Ion: 43 Resp: 163700
Ion Ratio Lower Upper
43 100
72 24.0 12.0 36.1



#23
Bromochloromethane
Concen: 26.210 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 128 Resp: 110317
Ion Ratio Lower Upper
128 100
49 200.2 140.6 261.0
130 124.3 80.8 150.0
51 65.2 48.7 73.1

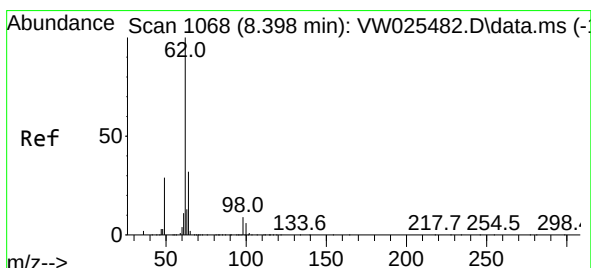
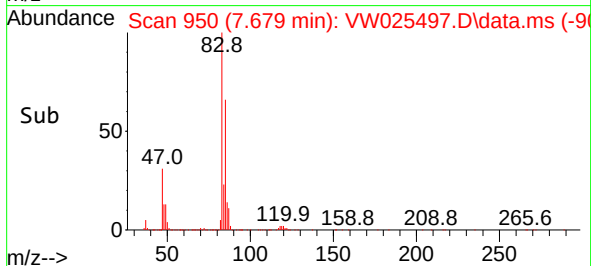
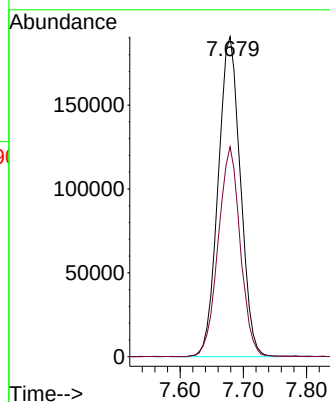
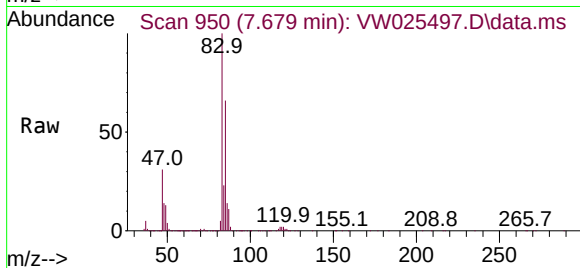




#25
Chloroform
Concen: 26.678 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

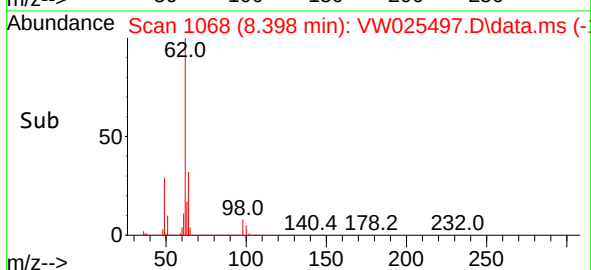
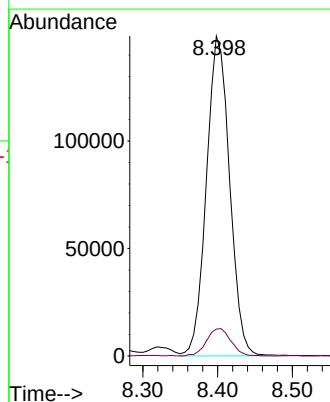
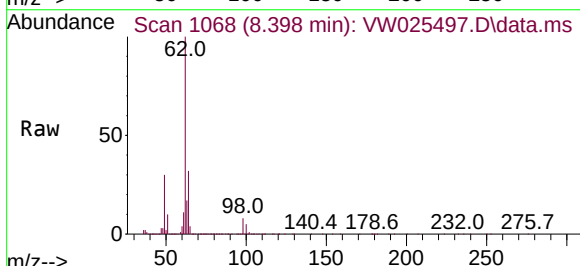
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

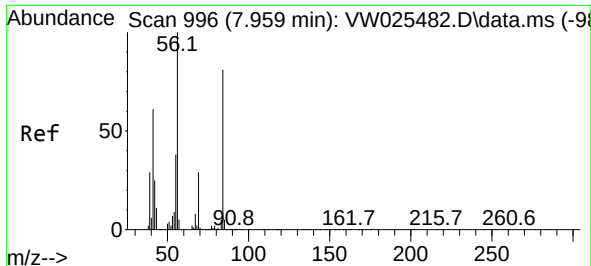
Tgt Ion: 83 Resp: 464253
Ion Ratio Lower Upper
83 100
85 65.6 44.7 82.9



#27
1,2-Dichloroethane
Concen: 27.670 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 62 Resp: 321345
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8





#29

Cyclohexane

Concen: 25.823 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

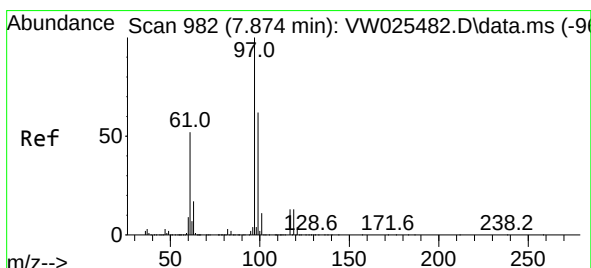
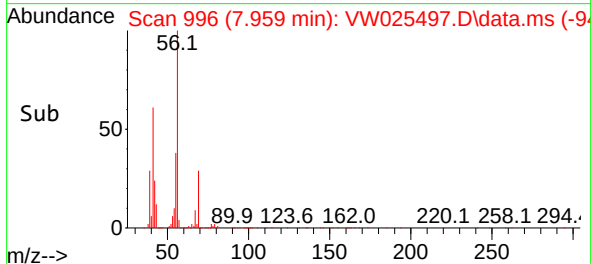
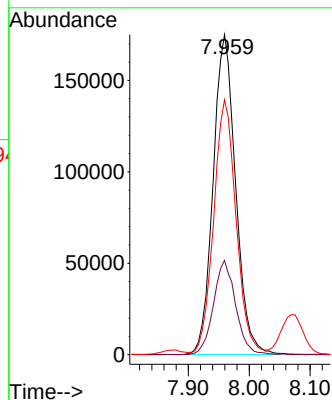
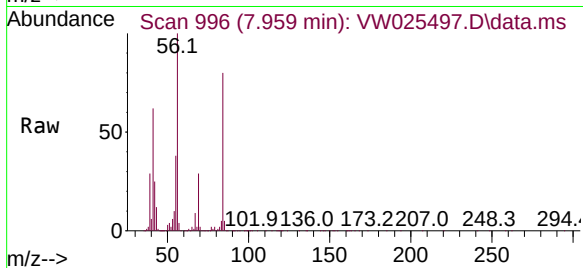
Tgt Ion: 56 Resp: 448809

Ion Ratio Lower Upper

56 100

69 29.0 23.1 34.7

84 79.5 63.9 95.9



#30

1,1,1-Trichloroethane

Concen: 24.821 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

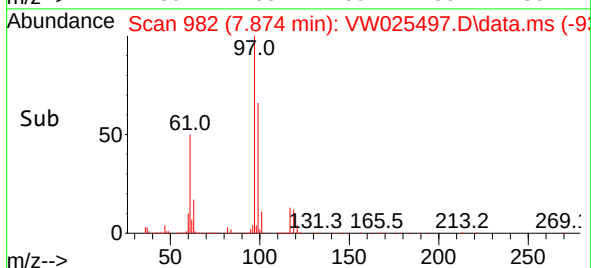
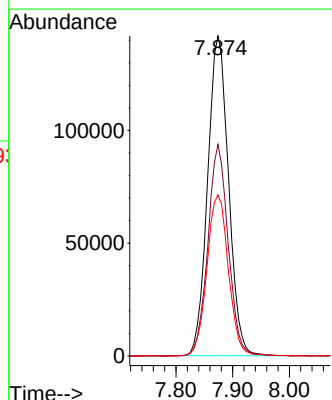
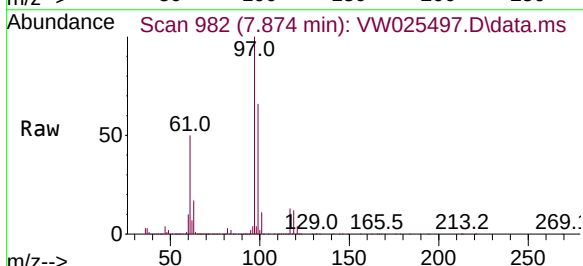
Tgt Ion: 97 Resp: 363310

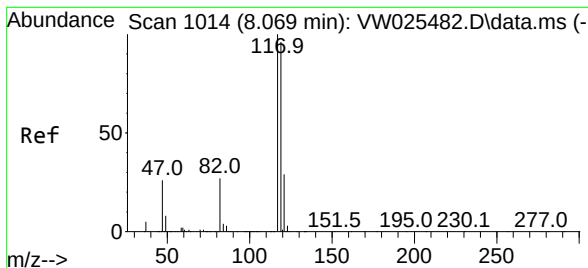
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 51.8 39.8 59.6

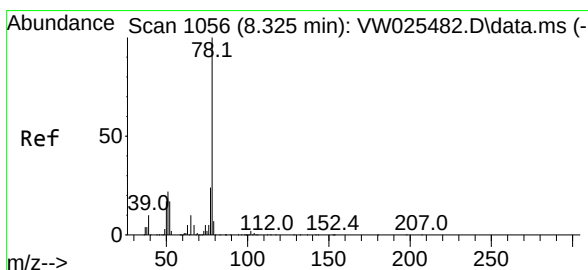
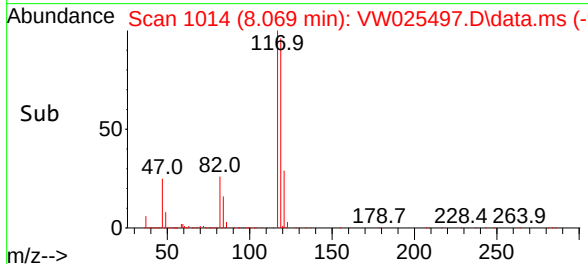
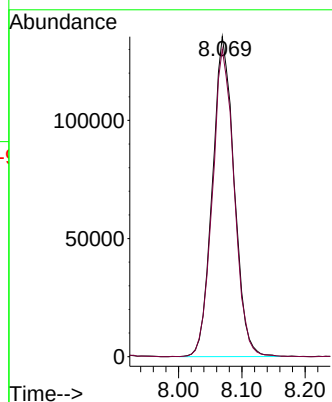
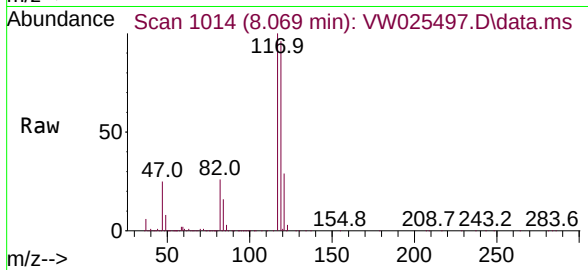




#31
Carbon tetrachloride
Concen: 24.676 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

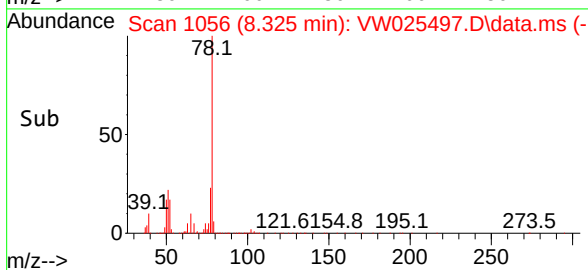
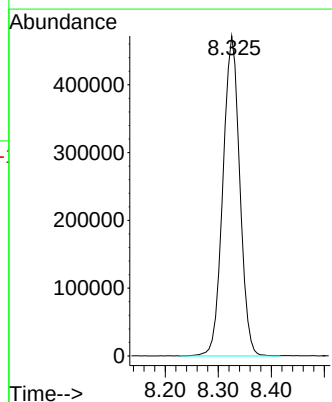
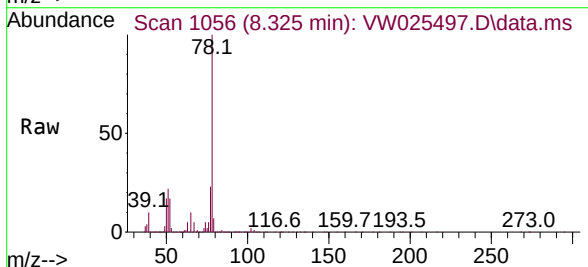
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

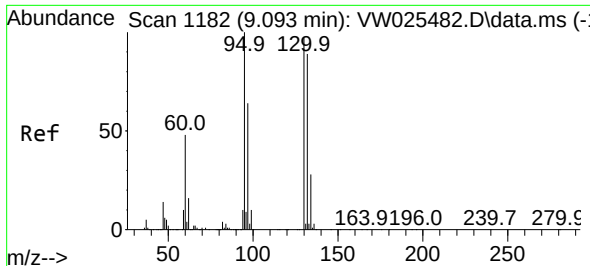
Tgt Ion:117 Resp: 323762
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.6



#33
Benzene
Concen: 26.441 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 78 Resp: 1040904



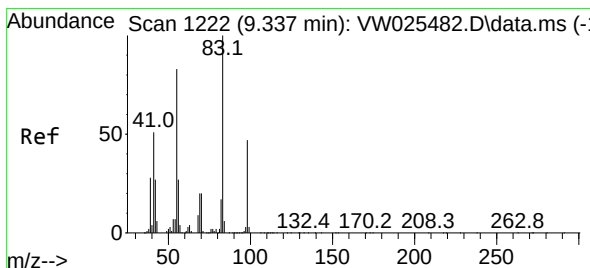
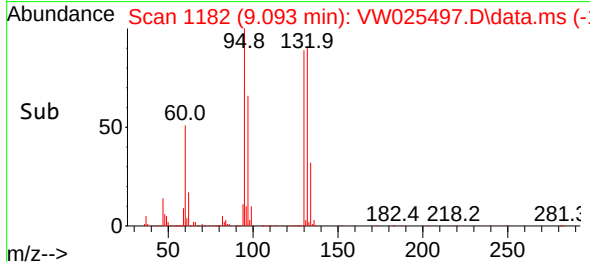
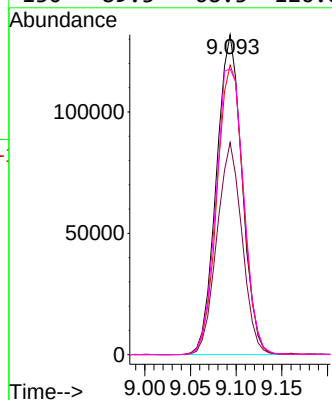
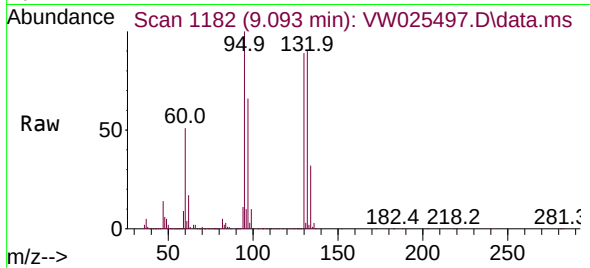


#34
Trichloroethene
Concen: 24.919 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

Tgt Ion: 95 Resp: 257476

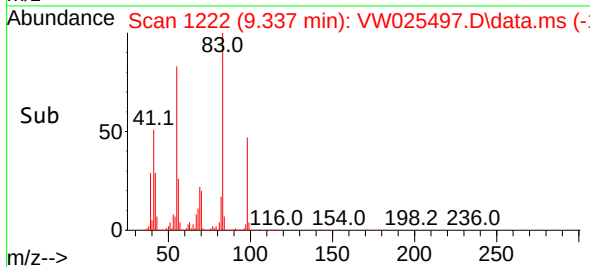
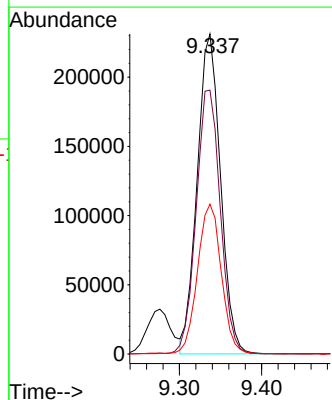
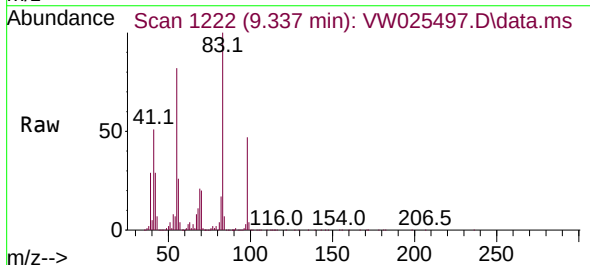
Ion	Ratio	Lower	Upper
95	100		
97	66.3	43.8	81.4
132	90.5	65.9	122.3
130	89.3	68.3	126.8

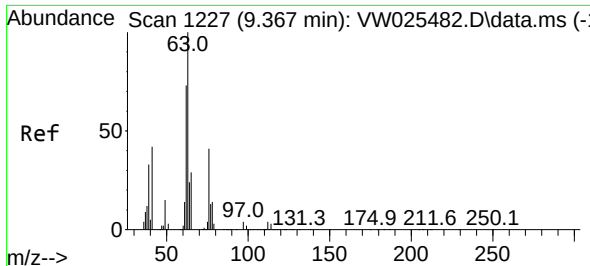


#35
Methylcyclohexane
Concen: 25.615 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 83 Resp: 455914

Ion	Ratio	Lower	Upper
83	100		
55	85.3	68.2	102.4
98	47.8	39.0	58.4

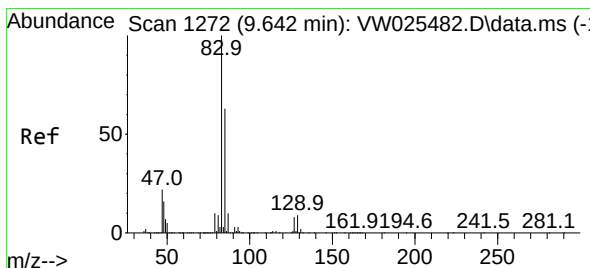
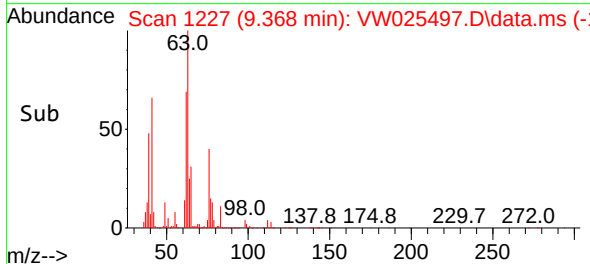
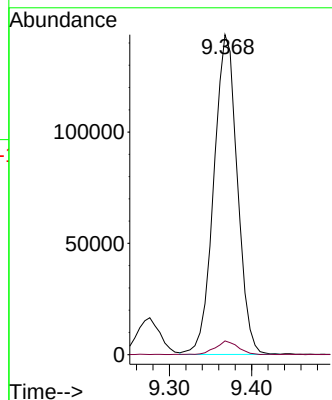
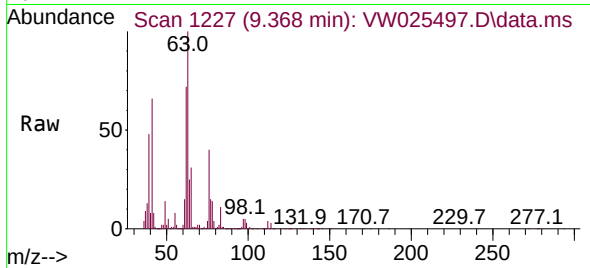




#37
1,2-Dichloropropane
Concen: 26.370 ug/L
RT: 9.368 min Scan# 112
Delta R.T. 0.001 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

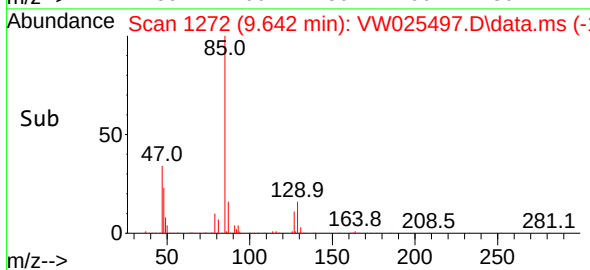
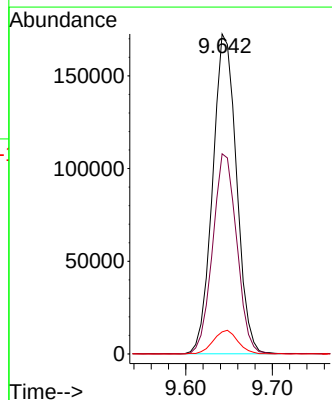
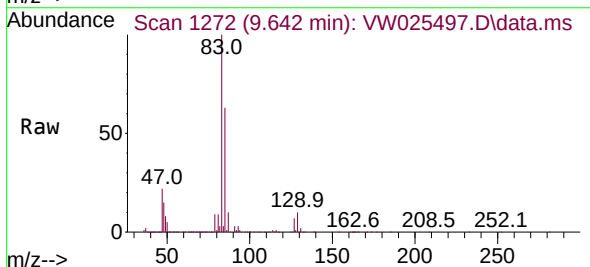
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

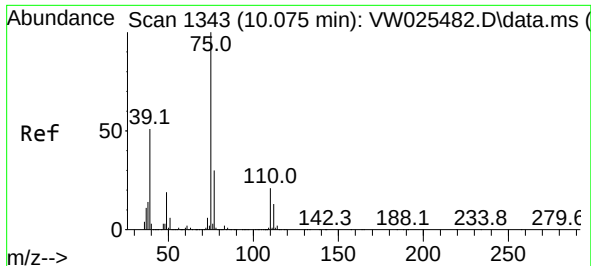
Tgt Ion: 63 Resp: 285752
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8



#38
Bromodichloromethane
Concen: 26.132 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 83 Resp: 330248
Ion Ratio Lower Upper
83 100
85 62.6 44.7 83.1
127 6.9 6.1 9.1

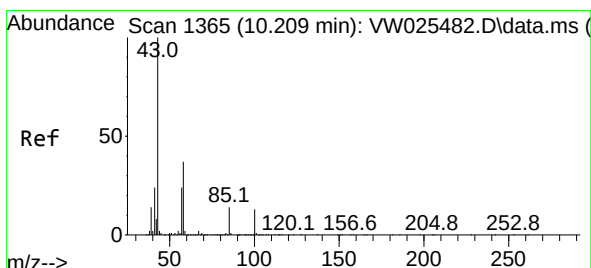
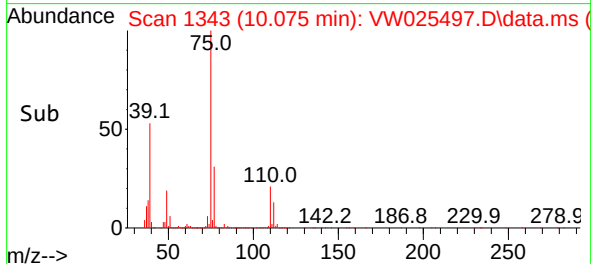
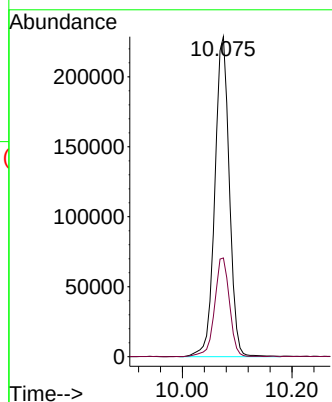
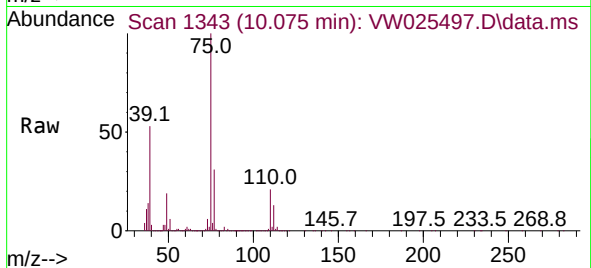




#39
 cis-1,3-Dichloropropene
 Concen: 26.826 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW025497.D
 Acq: 30 Mar 2023 11:56

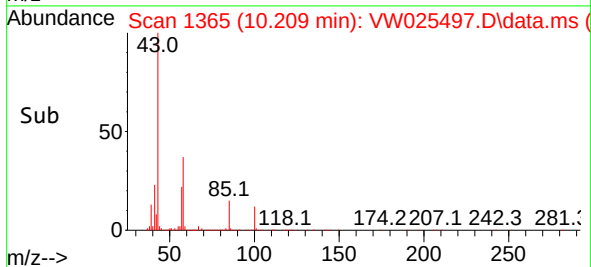
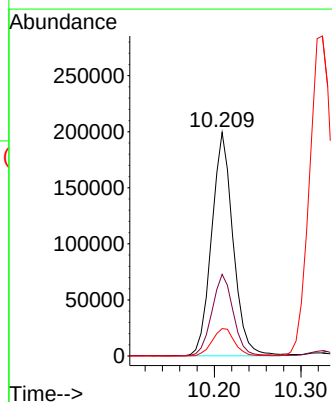
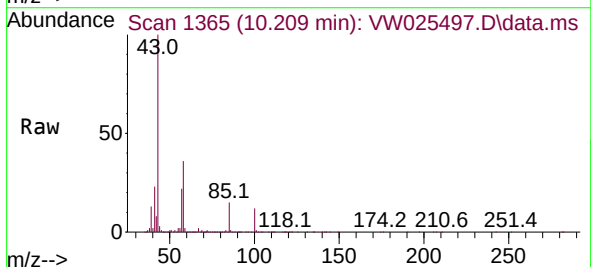
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

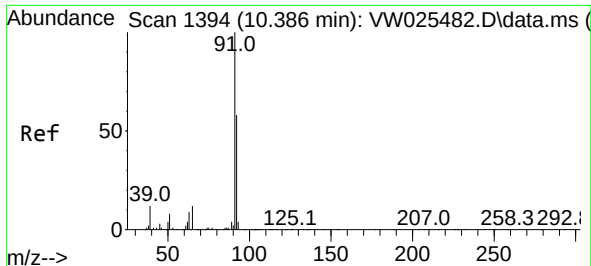
Tgt Ion: 75 Resp: 418777
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 52.652 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW025497.D
 Acq: 30 Mar 2023 11:56

Tgt Ion: 43 Resp: 342914
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.6 44.4
 100 12.7 10.6 16.0

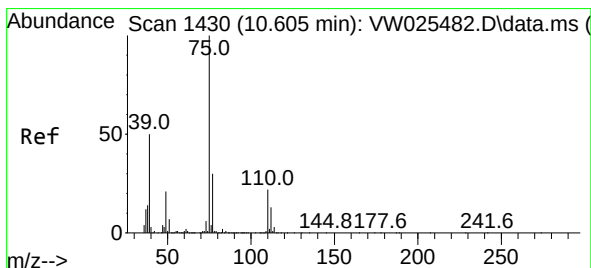
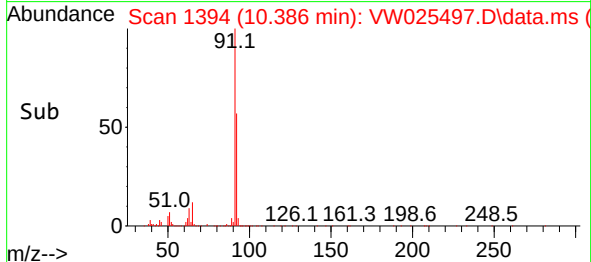
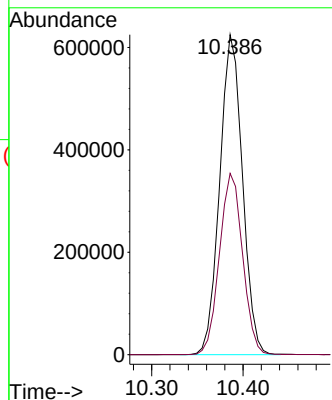
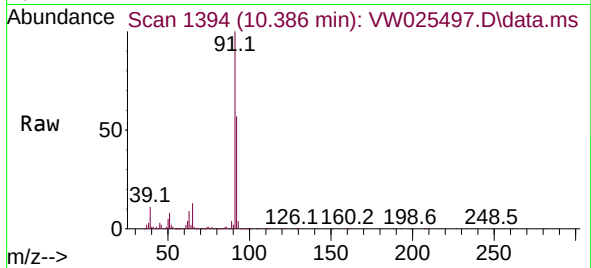




#42
Toluene
Concen: 26.582 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

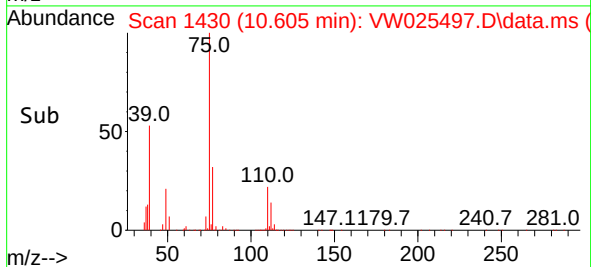
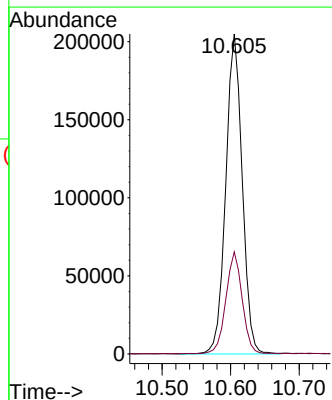
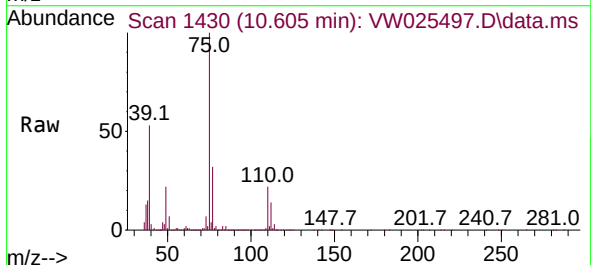
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

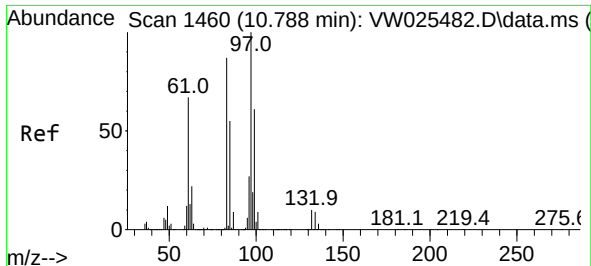
Tgt Ion: 91 Resp: 1080468
Ion Ratio Lower Upper
91 100
92 56.6 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 26.056 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 75 Resp: 340641
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.3

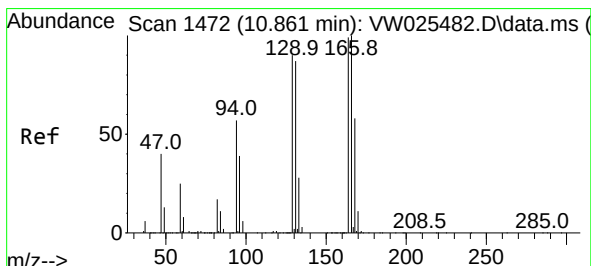
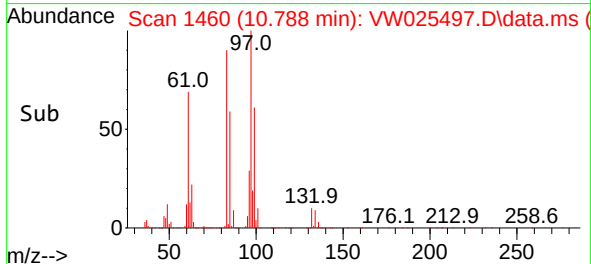
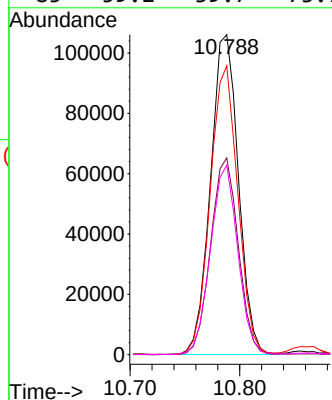
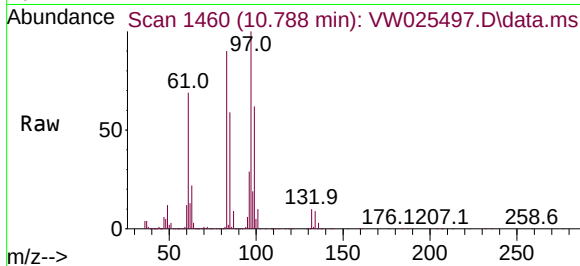




#45
1,1,2-Trichloroethane
Concen: 25.818 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

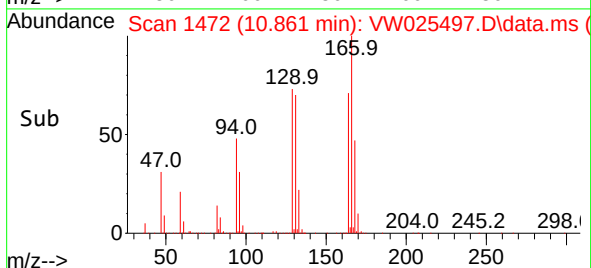
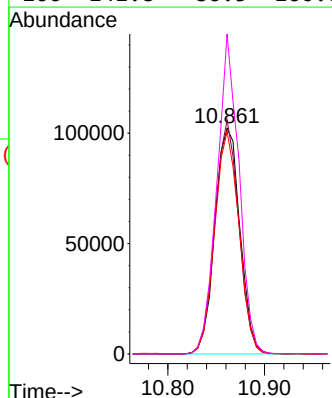
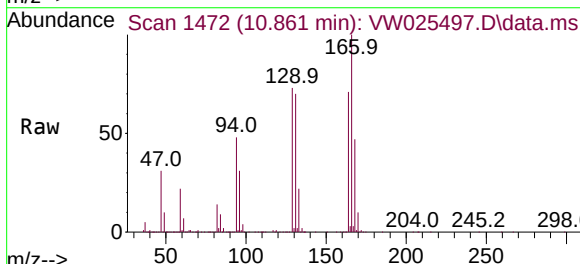
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

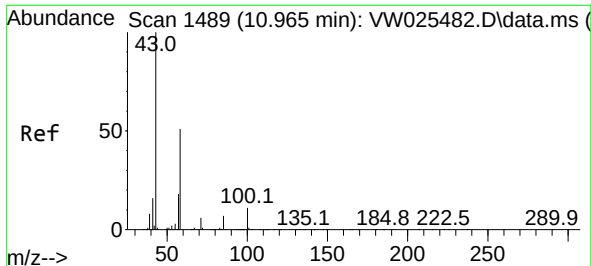
Tgt Ion:	97	Resp:	187879
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.6	79.0
83	90.3	60.5	112.3
85	59.2	39.7	73.7



#46
Tetrachloroethene
Concen: 25.068 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion:	164	Resp:	184291
Ion	Ratio	Lower	Upper
164	100		
129	103.6	67.7	125.7
131	98.6	67.0	124.4
166	141.8	86.5	160.7

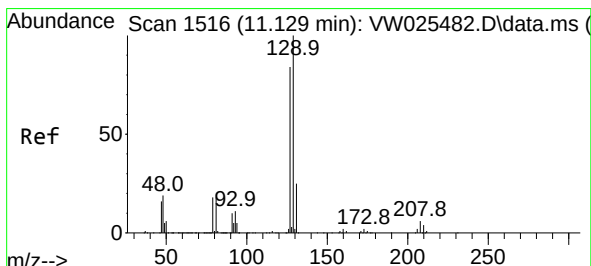
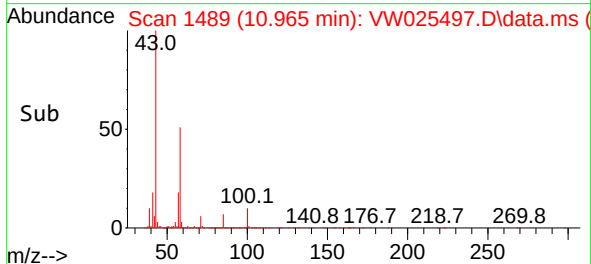
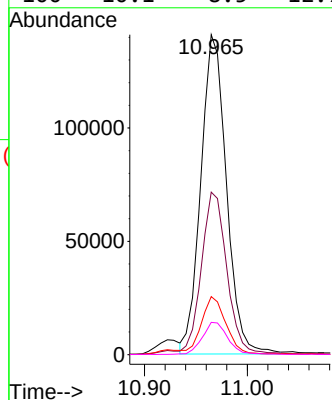
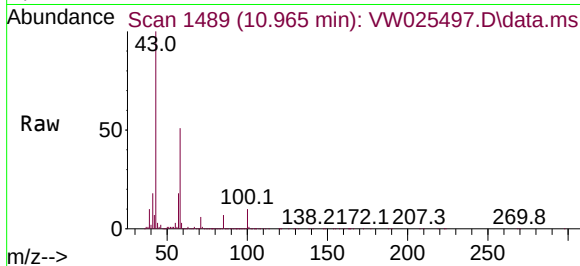




#48
2-Hexanone
Concen: 52.076 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

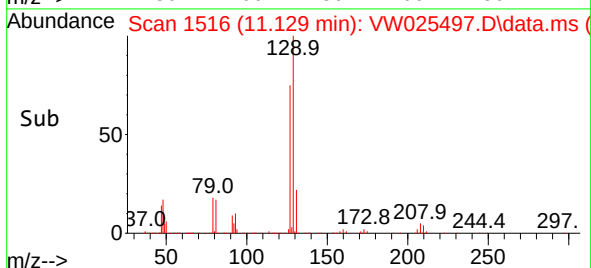
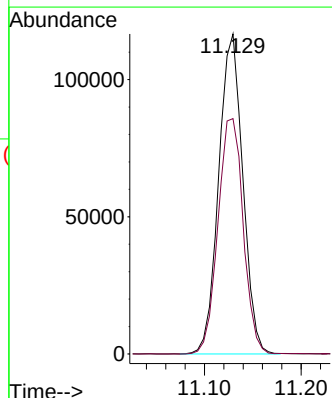
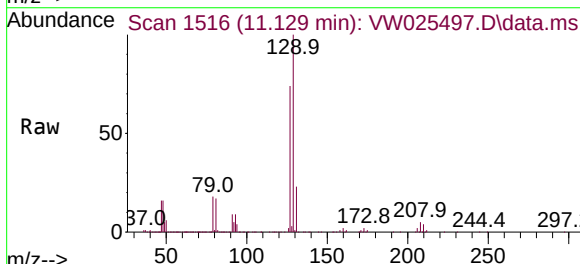
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

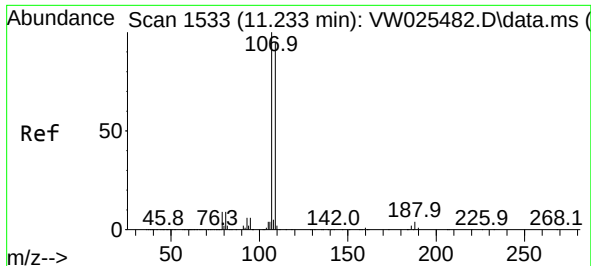
Tgt Ion:	43	Resp:	244014
Ion	Ratio	Lower	Upper
43	100		
58	50.8	41.2	61.8
57	17.3	14.2	21.4
100	10.1	8.5	12.7



#49
Dibromochloromethane
Concen: 25.919 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion:	129	Resp:	201535
Ion	Ratio	Lower	Upper
129	100		
127	73.5	52.8	98.2





#50

1,2-Dibromoethane

Concen: 25.444 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

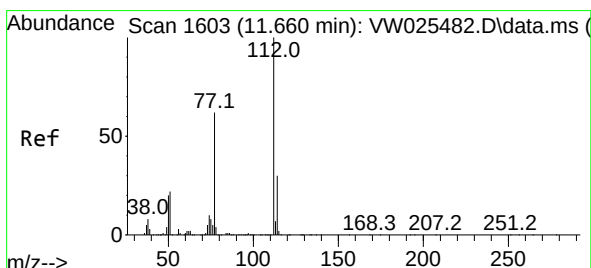
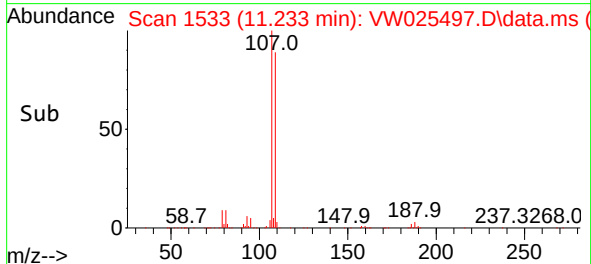
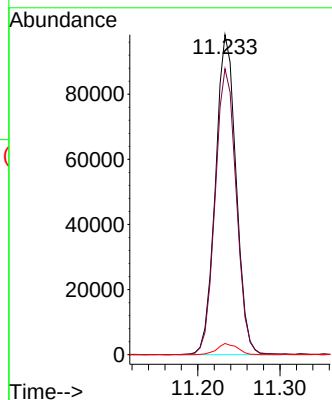
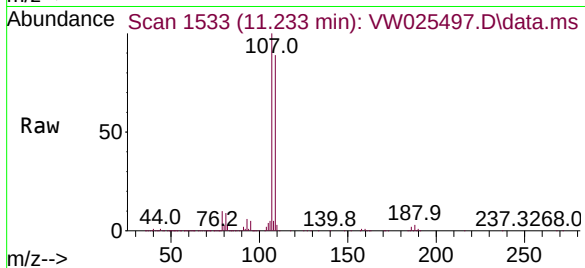
Tgt Ion:107 Resp: 171392

Ion Ratio Lower Upper

107 100

109 89.4 62.9 116.9

188 3.5 3.0 4.4



#51

Chlorobenzene

Concen: 25.409 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

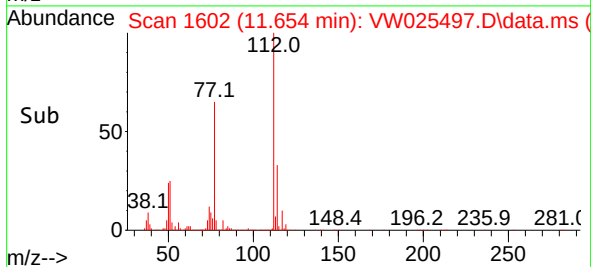
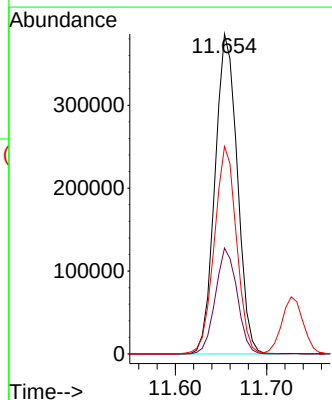
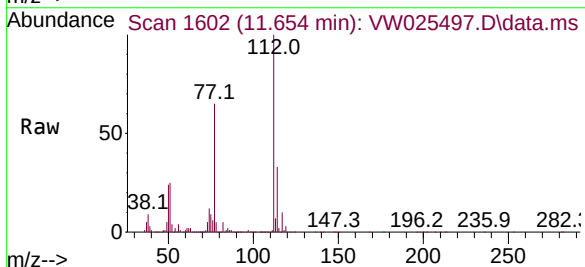
Tgt Ion:112 Resp: 655473

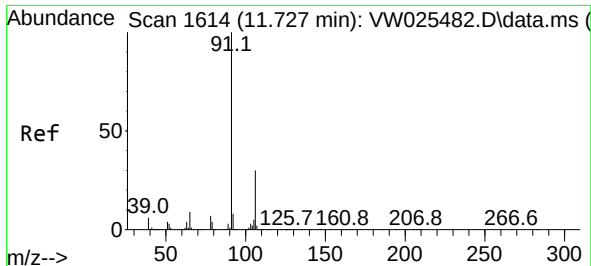
Ion Ratio Lower Upper

112 100

114 33.1 21.9 40.7

77 64.9 51.8 77.8

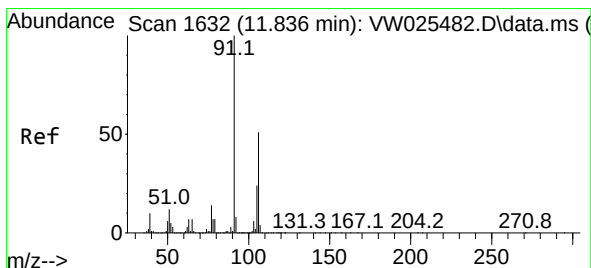
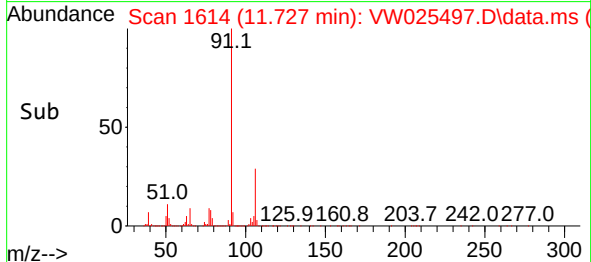
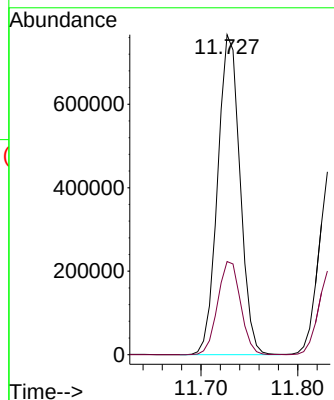
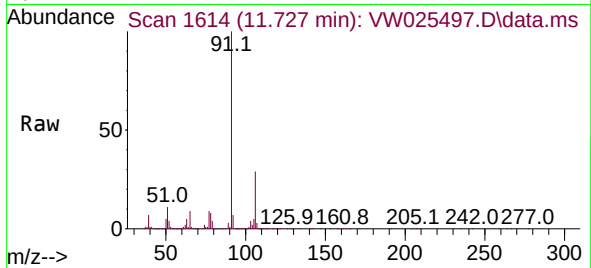




#52
Ethylbenzene
Concen: 26.530 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

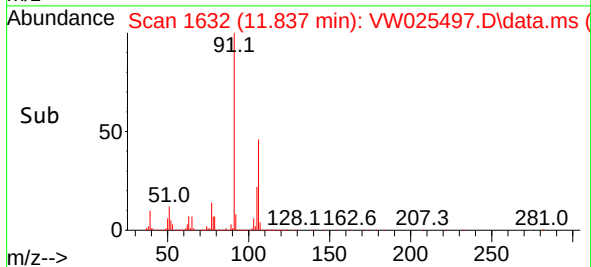
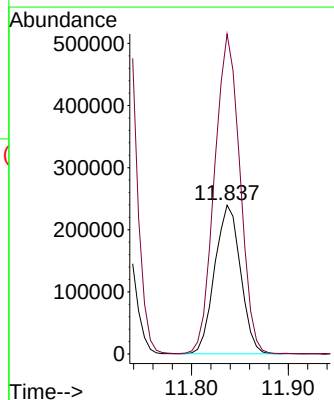
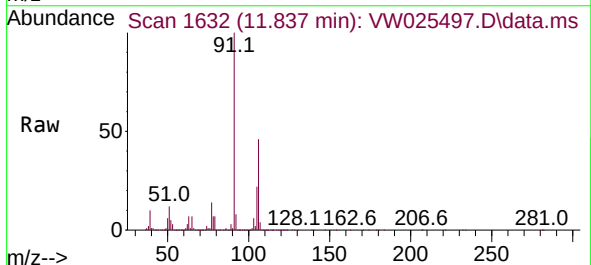
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

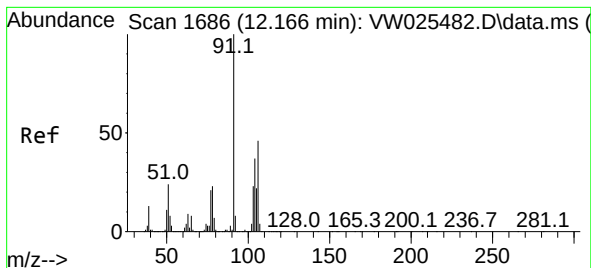
Tgt Ion: 91 Resp: 1229854
Ion Ratio Lower Upper
91 100
106 29.1 22.0 41.0



#53
m,p-Xylene
Concen: 25.961 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.001 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion:106 Resp: 443882
Ion Ratio Lower Upper
106 100
91 215.2 144.2 267.8





#54

o-Xylene

Concen: 26.384 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

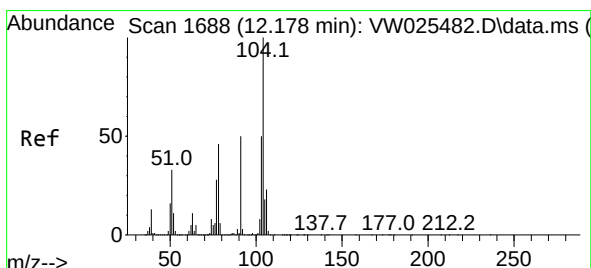
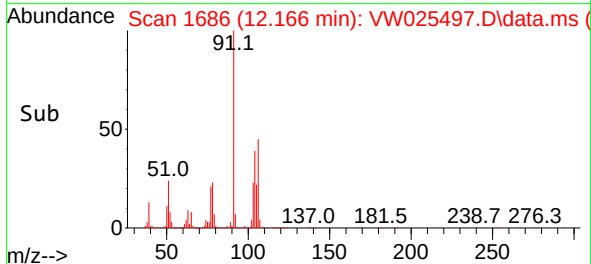
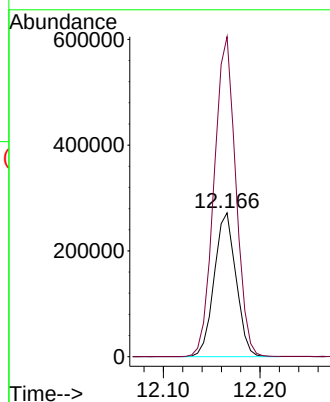
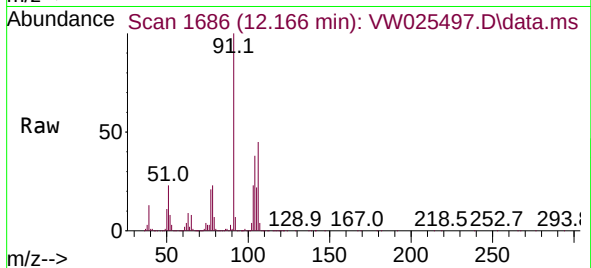
VSTD025560

Tgt Ion:106 Resp: 424502

Ion Ratio Lower Upper

106 100

91 222.5 154.6 287.2



#55

Styrene

Concen: 27.173 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025497.D

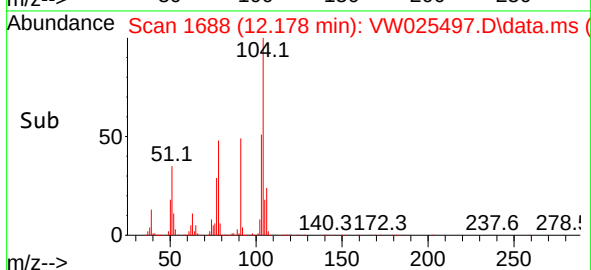
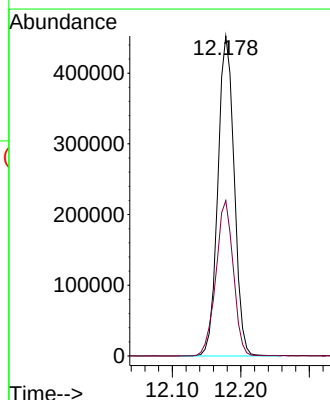
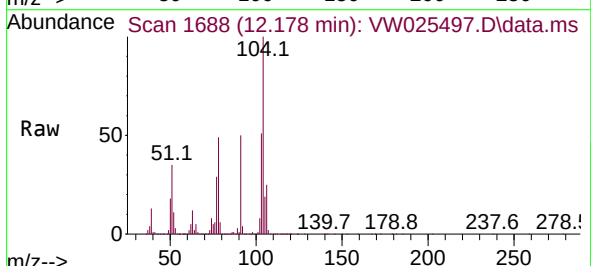
Acq: 30 Mar 2023 11:56

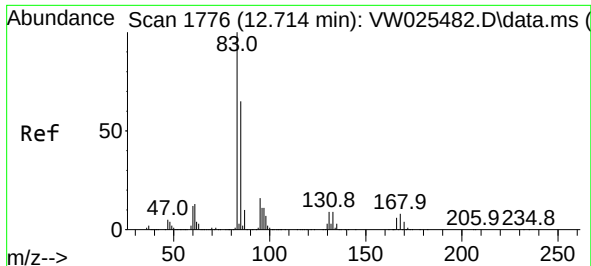
Tgt Ion:104 Resp: 746591

Ion Ratio Lower Upper

104 100

78 48.5 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.030 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.001 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

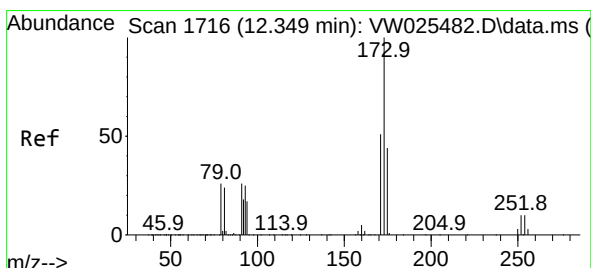
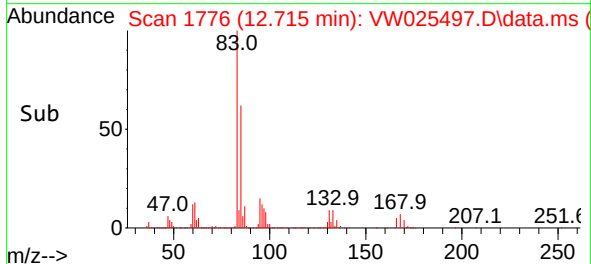
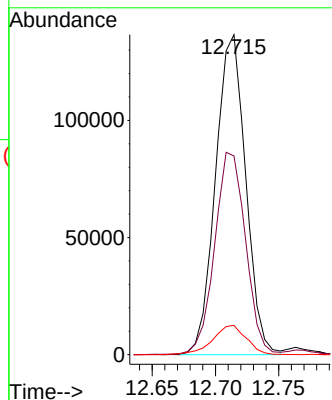
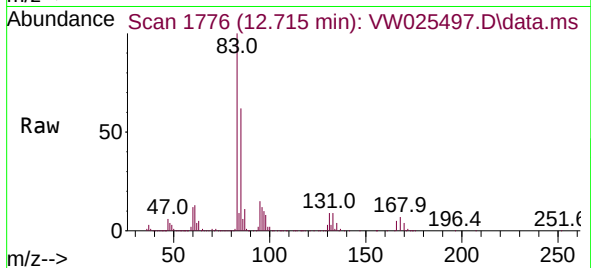
Tgt Ion: 83 Resp: 226573

Ion Ratio Lower Upper

83 100

85 62.1 45.4 84.2

131 9.1 8.0 12.0



#59

Bromoform

Concen: 24.344 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

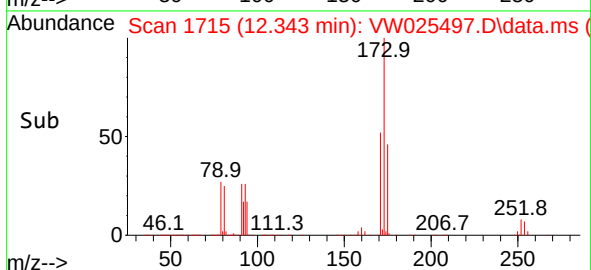
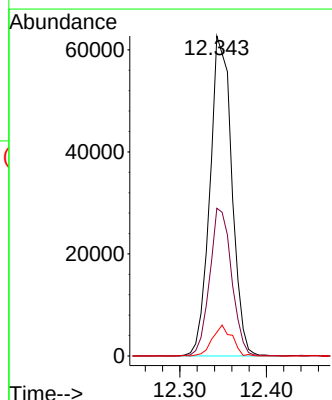
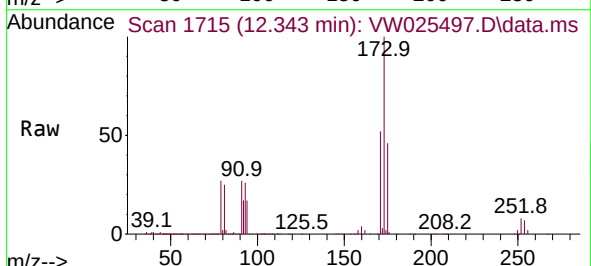
Tgt Ion:173 Resp: 110241

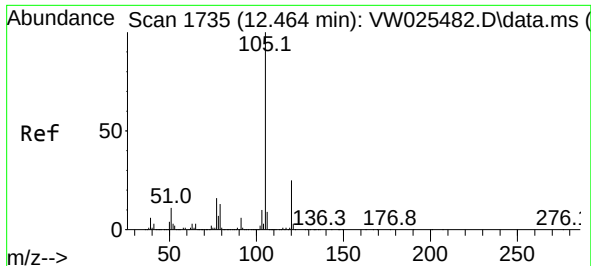
Ion Ratio Lower Upper

173 100

175 46.2 38.6 57.8

254 8.5 7.9 11.9

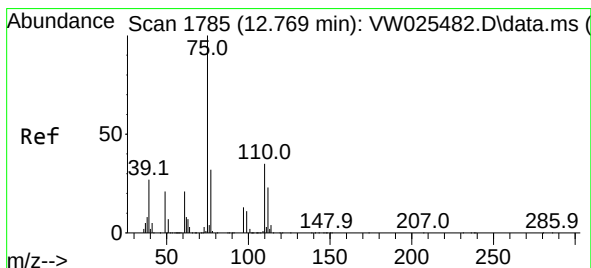
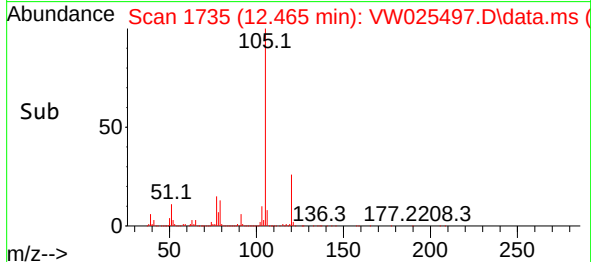
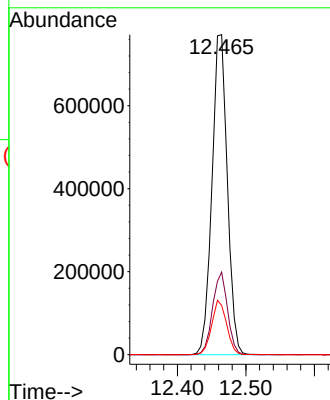
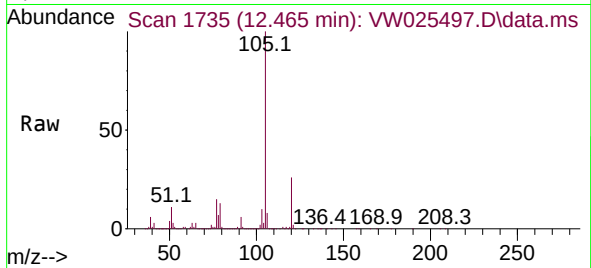




#60
Isopropylbenzene
Concen: 25.712 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

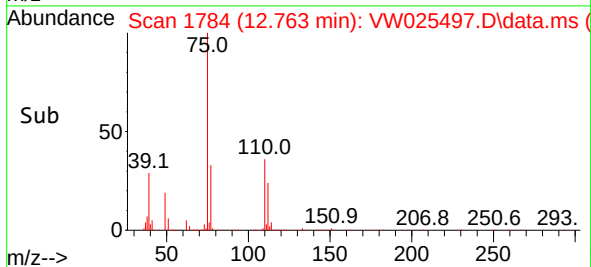
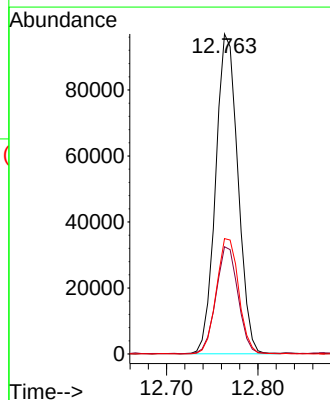
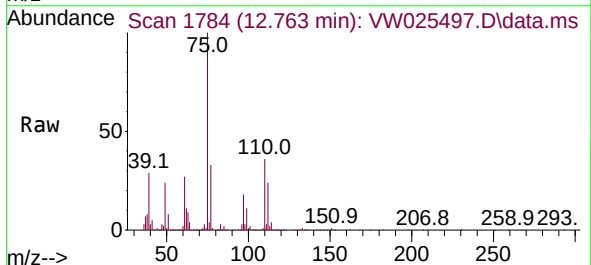
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

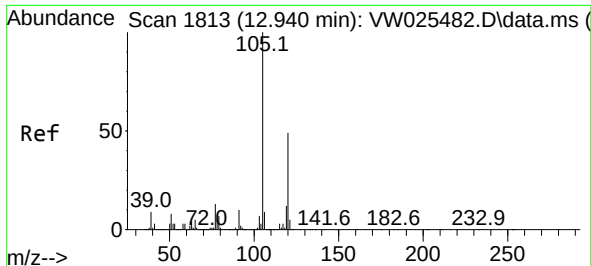
Tgt Ion:105 Resp: 1203080
Ion Ratio Lower Upper
105 100
120 25.1 20.9 31.3
77 16.6 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 24.005 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 75 Resp: 164160
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2
110 36.1 28.9 43.3

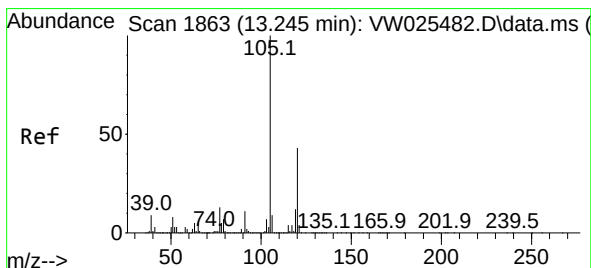
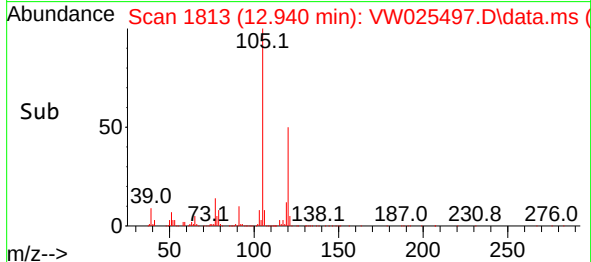
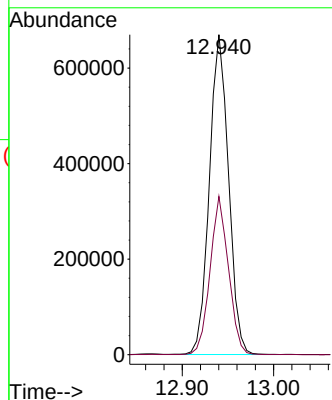
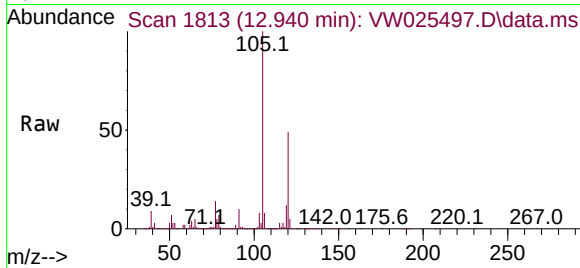




#62
 1,3,5-Trimethylbenzene
 Concen: 26.284 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW025497.D
 Acq: 30 Mar 2023 11:56

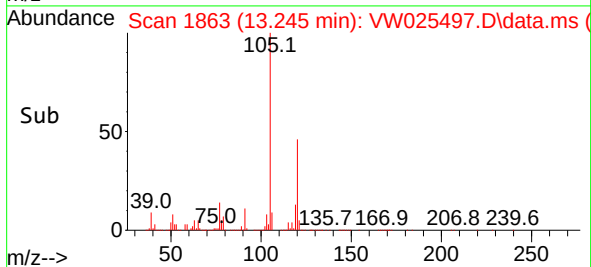
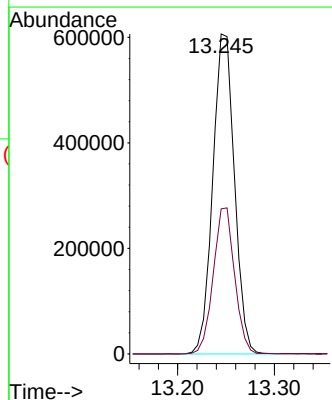
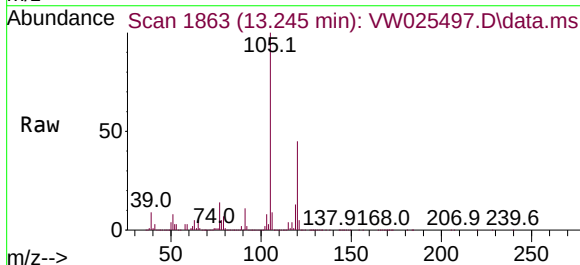
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

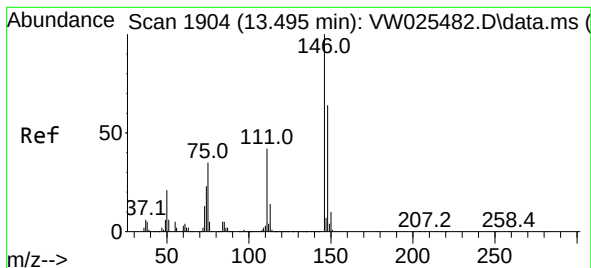
Tgt Ion:105 Resp: 974025
 Ion Ratio Lower Upper
 105 100
 120 47.6 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 25.837 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW025497.D
 Acq: 30 Mar 2023 11:56

Tgt Ion:105 Resp: 943230
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 25.220 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

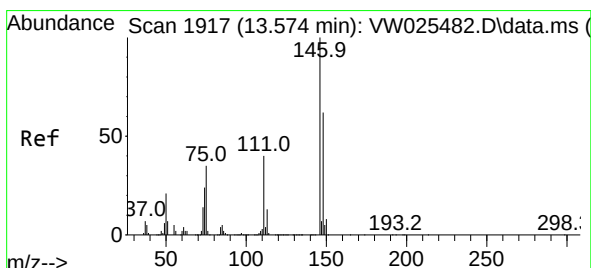
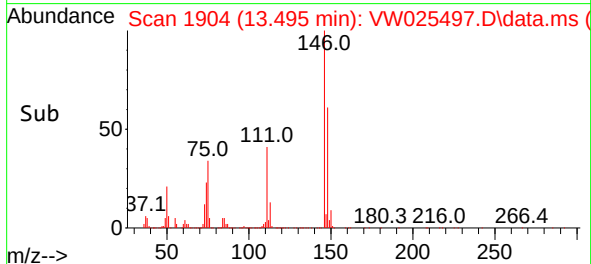
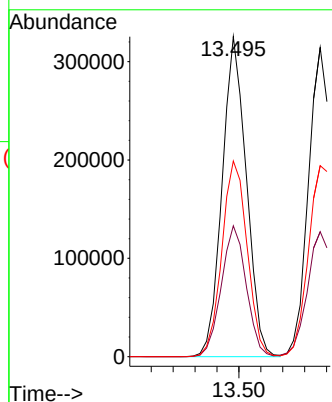
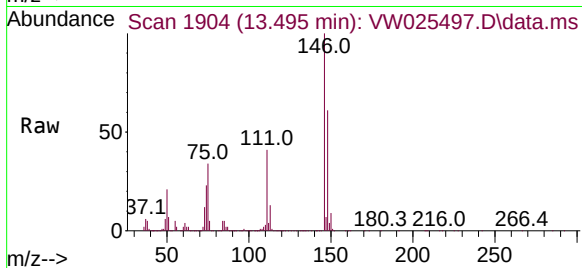
Tgt Ion:146 Resp: 500036

Ion Ratio Lower Upper

146 100

111 40.9 29.7 55.1

148 61.1 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 24.655 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW025497.D

Acq: 30 Mar 2023 11:56

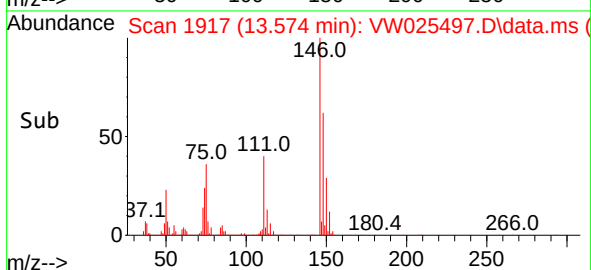
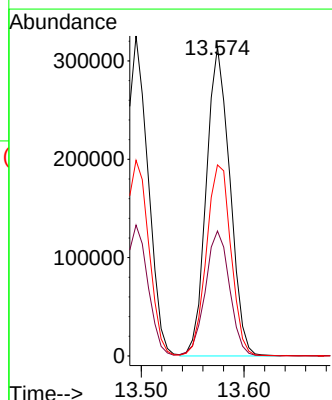
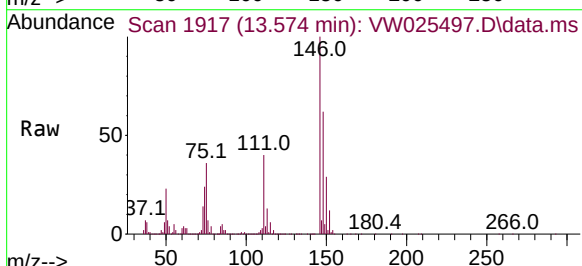
Tgt Ion:146 Resp: 501420

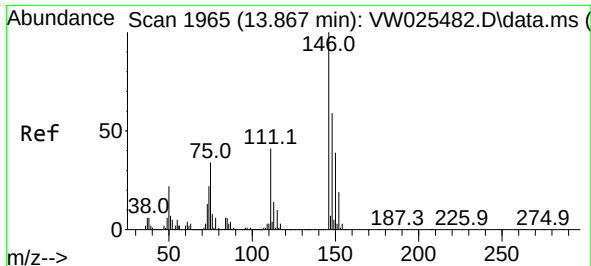
Ion Ratio Lower Upper

146 100

111 40.4 28.2 52.4

148 61.8 39.8 73.8

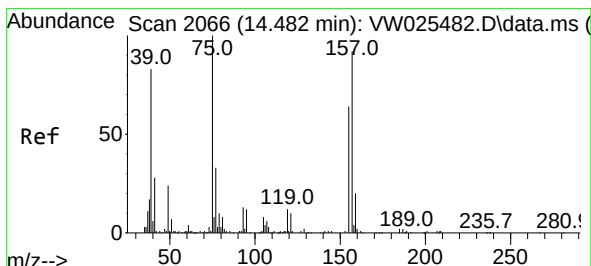
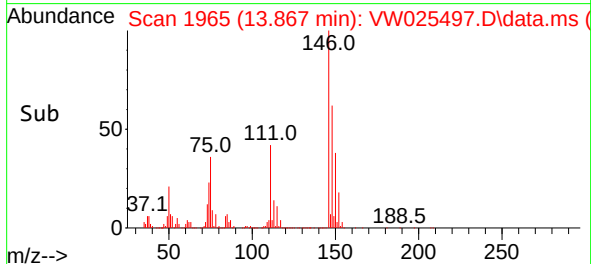
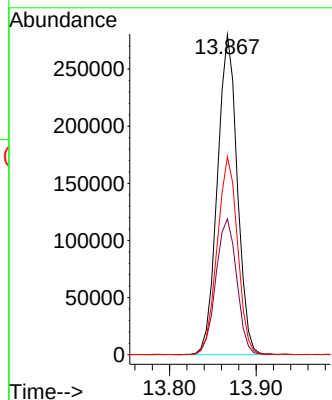
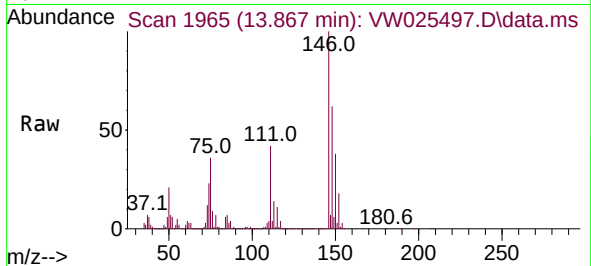




#67
1,2-Dichlorobenzene
Concen: 25.108 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

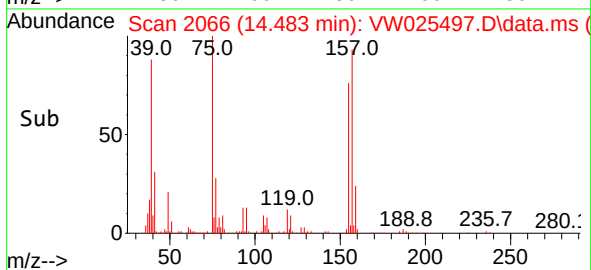
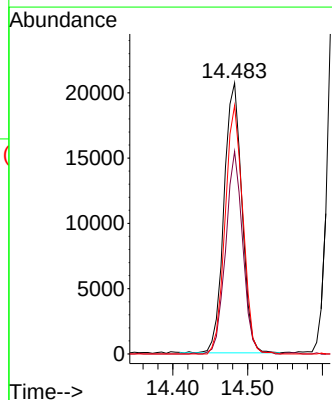
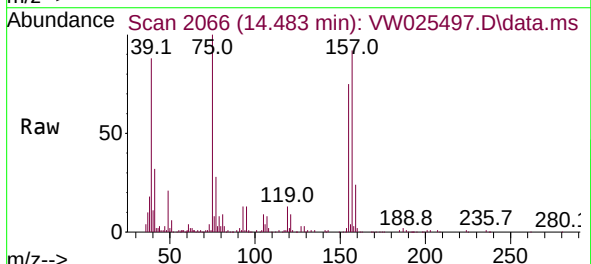
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

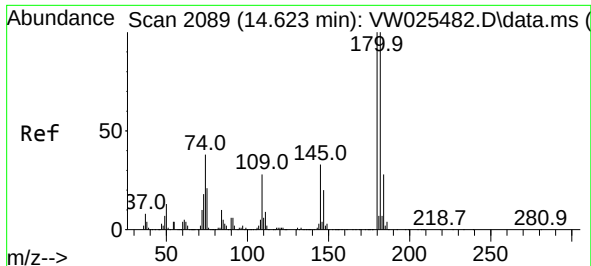
Tgt Ion:146 Resp: 446469
Ion Ratio Lower Upper
146 100
111 42.4 36.6 54.8
148 61.8 53.4 80.2



#68
1,2-Dibromo-3-chloropropane
Concen: 21.851 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.001 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion: 75 Resp: 34594
Ion Ratio Lower Upper
75 100
155 74.7 55.4 83.0
157 91.7 75.3 112.9

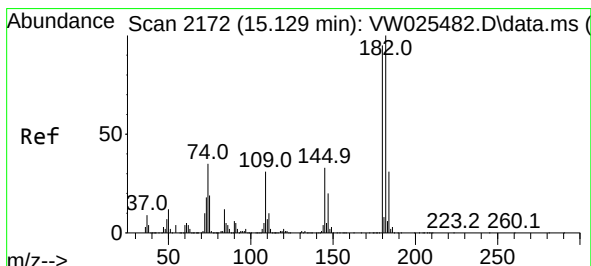
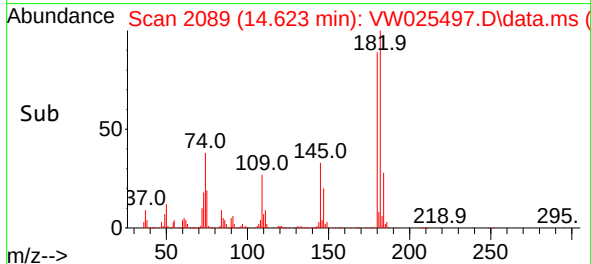
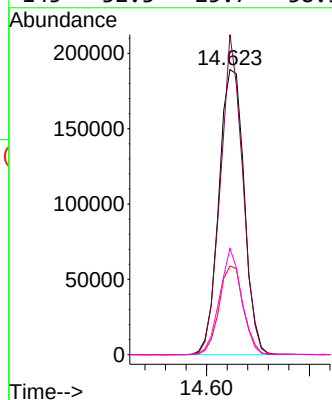
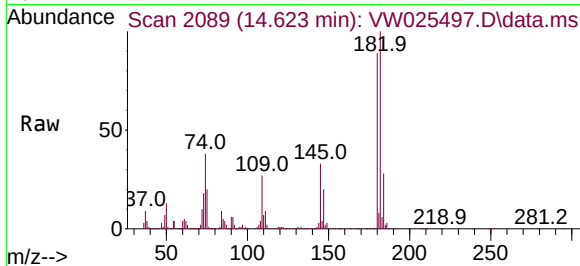




#69
1,3,5-Trichlorobenzene
Concen: 23.966 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

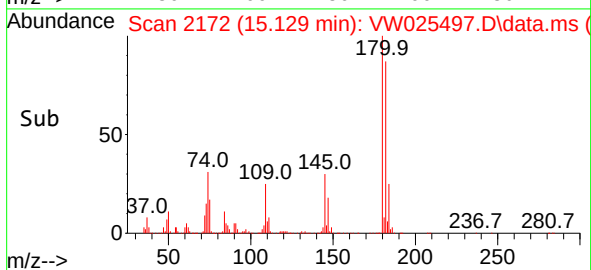
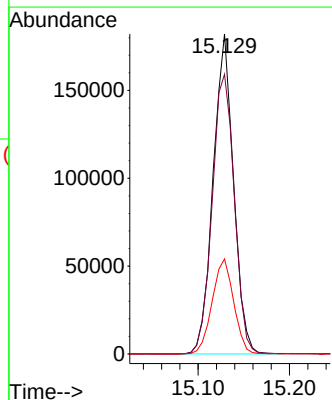
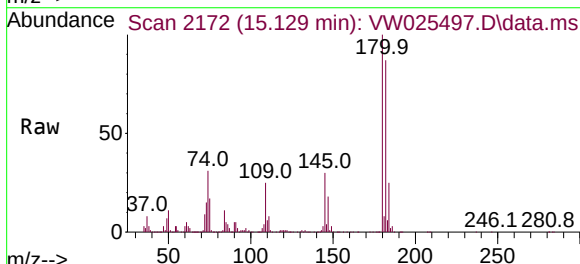
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

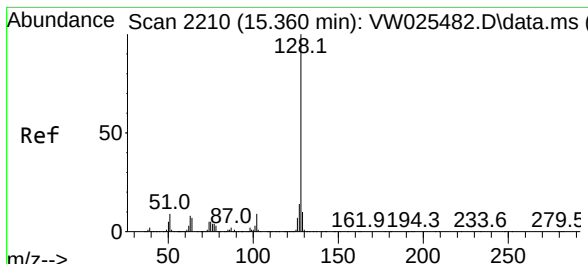
Tgt Ion:180 Resp: 323009
Ion Ratio Lower Upper
180 100
182 98.5 77.1 115.7
184 30.1 24.7 37.1
145 32.3 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 25.300 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion:180 Resp: 282713
Ion Ratio Lower Upper
180 100
182 94.5 75.5 113.3
145 31.3 25.2 37.8

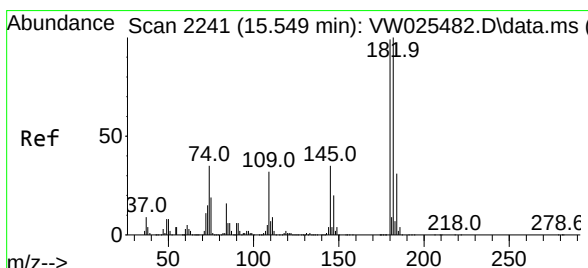
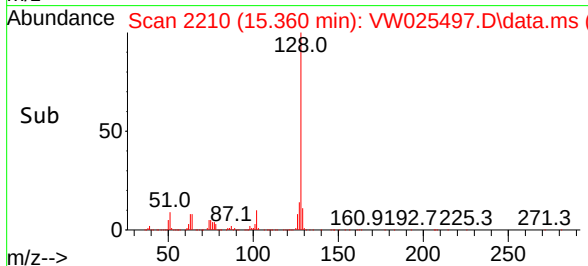
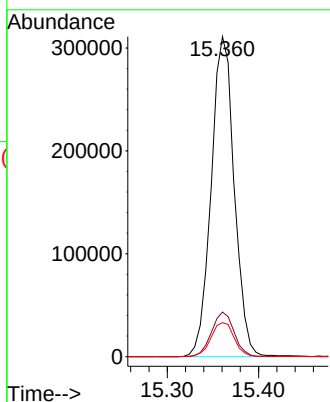
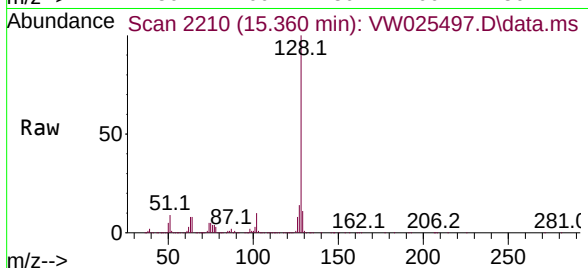




#71
Naphthalene
Concen: 24.739 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

Tgt Ion:	128	Resp:	545687
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.6	16.0
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 23.865 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025497.D
Acq: 30 Mar 2023 11:56

Tgt Ion:	180	Resp:	239534
Ion Ratio	Lower	Upper	
180	100		
182	99.6	76.6	114.8
145	35.5	27.7	41.5

