

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032023\
 Data File : VW025452.D
 Acq On : 20 Mar 2023 18:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Quant Time: Mar 20 23:55:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 20 23:49:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	656998	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	585807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	285368	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	211435	19.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.440%
7) Chloroethane-d5	2.899	69	169099	21.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.040%
11) 1,1-Dichloroethene-d2	4.027	63	459766	21.791	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.160%
21) 2-Butanone-d5	7.331	46	198	0.074	ug/L	0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.140%#
24) Chloroform-d	7.648	84	461061	24.343	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.307	65	241992	23.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.276	84	926045	23.135	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	9.270	67	290885	23.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.960%
41) Toluene-d8	10.318	98	823369	23.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	10.575	79	110009	22.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.240%
47) 2-Hexanone-d5	10.922	63	84239	47.308	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213408	23.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	249011	23.465	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	151332	20.155	ug/L #	88
3) Chloromethane	2.228	50	243834	27.306	ug/L	96
5) Vinyl chloride	2.375	62	262505	26.020	ug/L	97
6) Bromomethane	2.789	94	143583	26.695	ug/L	91
8) Chloroethane	2.936	64	155812	26.871	ug/L	97
9) Trichlorofluoromethane	3.265	101	186719	21.383	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	223564	26.401	ug/L	99
13) Acetone	4.124	43	96427	37.409	ug/L	100
14) Carbon disulfide	4.393	76	674419	26.476	ug/L	98
15) Methyl Acetate	4.673	43	116620	24.117	ug/L	99
16) Methylene chloride	4.917	84	241404	26.388	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	230944	26.890	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	345965	26.757	ug/L	99
19) 1,1-Dichloroethane	6.216	63	482279	27.117	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	256959	27.326	ug/L	99
22) 2-Butanone	7.173	43	151264	45.364	ug/L	99
23) Bromochloromethane	7.514	128	105360	26.055	ug/L	88
25) Chloroform	7.679	83	453824	27.144	ug/L	100
27) 1,2-Dichloroethane	8.398	62	305078	27.342	ug/L	100

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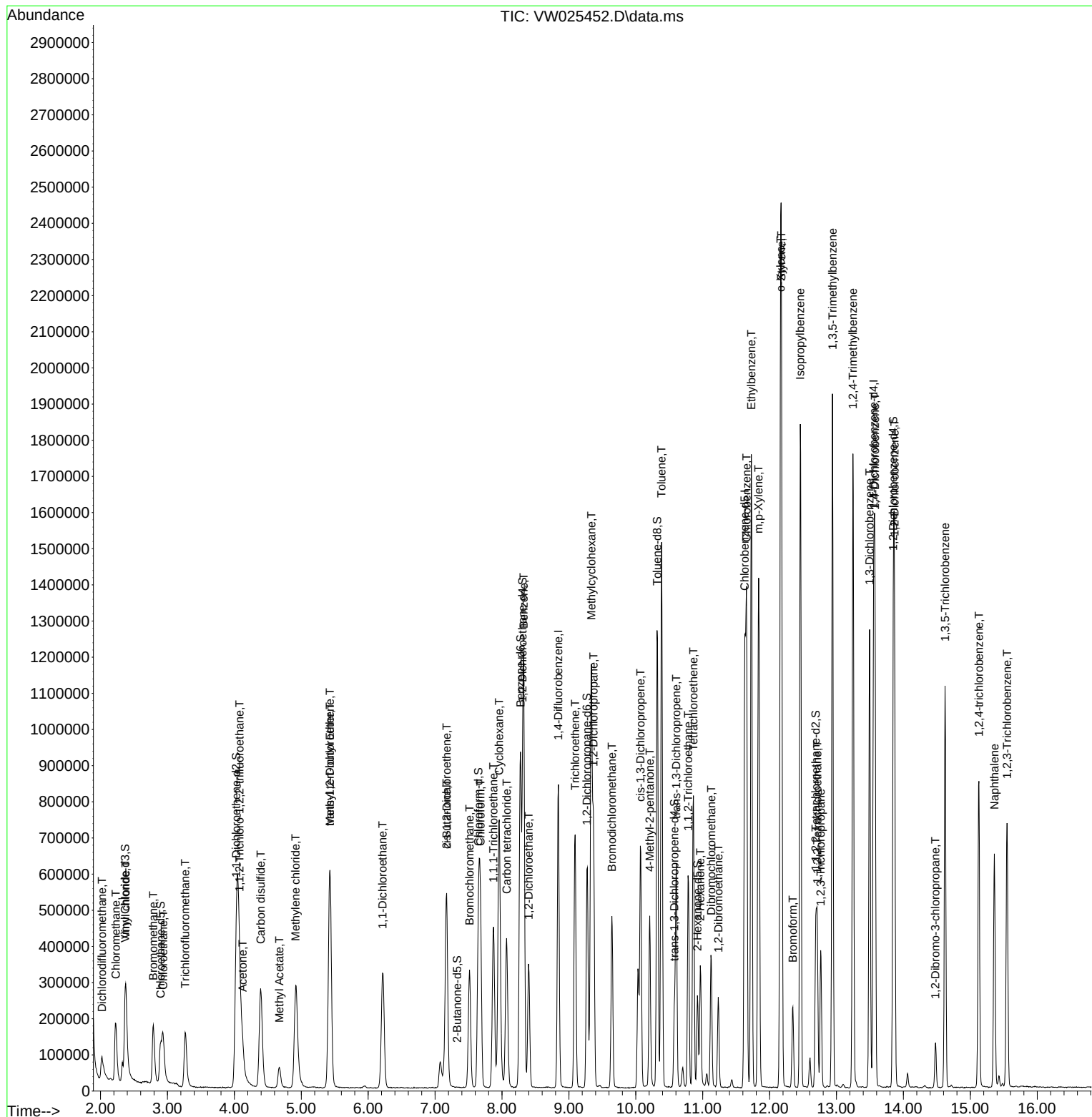
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	440139	26.618	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	356783	25.620	ug/L	99
31) Carbon tetrachloride	8.069	117	316655	25.367	ug/L	97
33) Benzene	8.325	78	1022759	27.308	ug/L	100
34) Trichloroethene	9.093	95	253287	25.766	ug/L	97
35) Methylcyclohexane	9.337	83	441785	26.089	ug/L	99
37) 1,2-Dichloropropane	9.367	63	275895	26.761	ug/L	100
38) Bromodichloromethane	9.642	83	314624	26.168	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	390132	26.268	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	323518	52.211	ug/L	99
42) Toluene	10.386	91	1062961	27.488	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	321052	25.813	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	179981	25.996	ug/L	99
46) Tetrachloroethene	10.861	164	175948	25.155	ug/L	95
48) 2-Hexanone	10.965	43	223196	50.067	ug/L	99
49) Dibromochloromethane	11.129	129	188857	25.530	ug/L	96
50) 1,2-Dibromoethane	11.233	107	161902	25.263	ug/L	91
51) Chlorobenzene	11.654	112	642220	26.167	ug/L	97
52) Ethylbenzene	11.727	91	1177443	26.697	ug/L	96
53) m,p-Xylene	11.836	106	436964	26.862	ug/L	98
54) o-Xylene	12.166	106	420010	27.439	ug/L	99
55) Styrene	12.178	104	725858	27.768	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	215513	25.024	ug/L	97
59) Bromoform	12.349	173	98876	24.016	ug/L	99
60) Isopropylbenzene	12.458	105	1159930	27.267	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	158360	25.470	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	951722	28.248	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	925297	27.878	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	480637	26.664	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	482419	26.091	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	426455	26.378	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	32514	22.589	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	306552	25.018	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	237153	23.343	ug/L	91
71) Naphthalene	15.360	128	521943	26.026	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	231071	25.322	ug/L	99

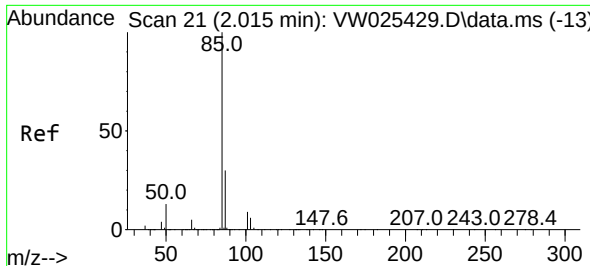
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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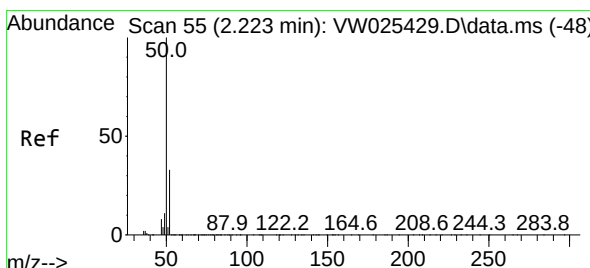
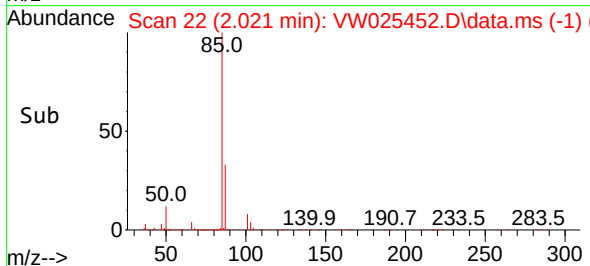
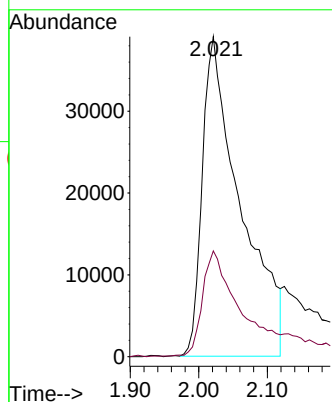
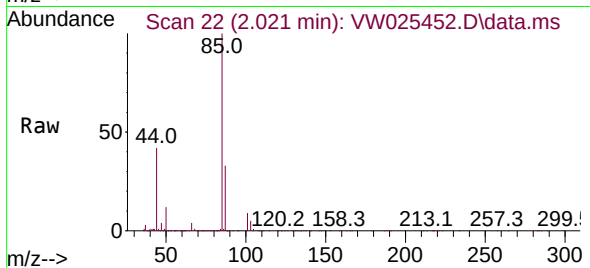




#2
 Dichlorodifluoromethane
 Concen: 20.155 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025452.D
 Acq: 20 Mar 2023 18:49

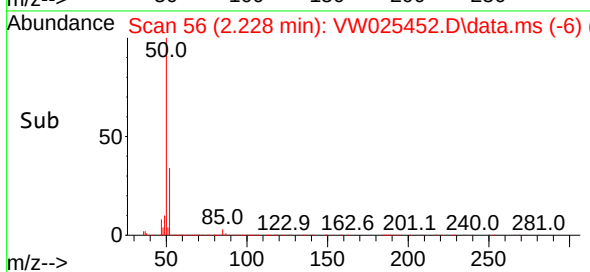
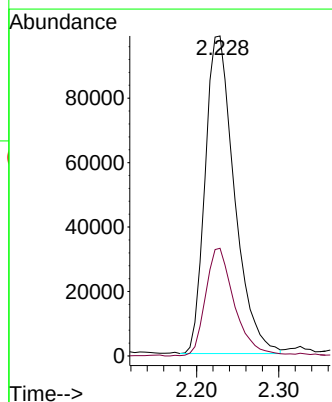
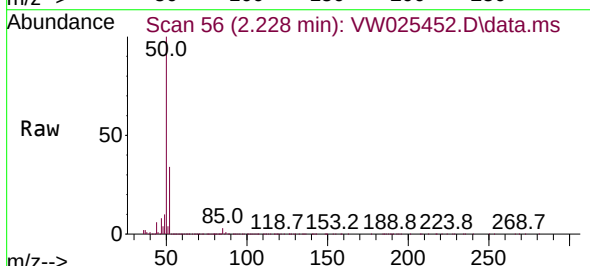
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

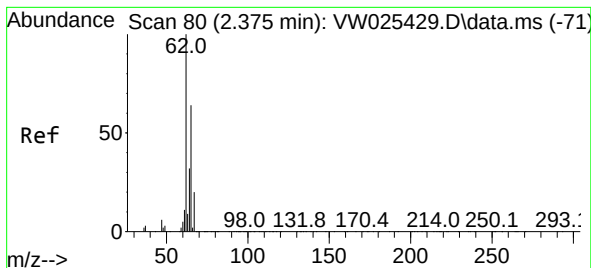
Tgt Ion: 85 Resp: 151332
 Ion Ratio Lower Upper
 85 100
 87 31.4 20.5 30.7#



#3
 Chloromethane
 Concen: 27.306 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025452.D
 Acq: 20 Mar 2023 18:49

Tgt Ion: 50 Resp: 243834
 Ion Ratio Lower Upper
 50 100
 52 33.6 21.9 40.7





#5

Vinyl chloride

Concen: 26.020 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

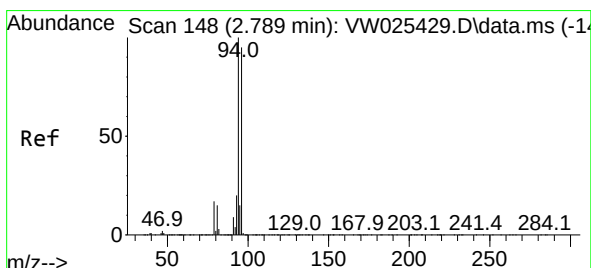
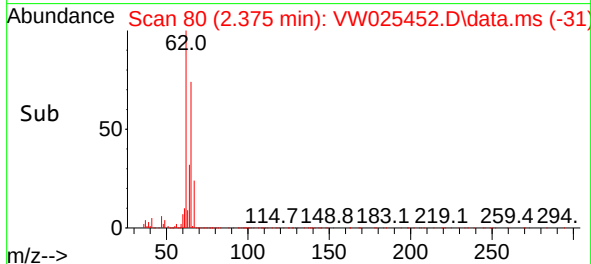
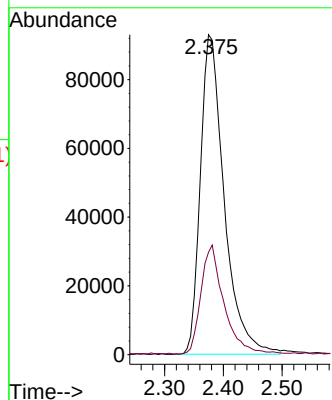
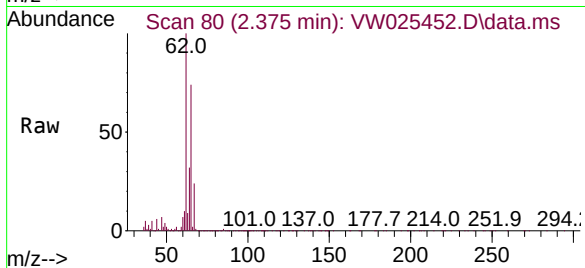
VSTD025553

Tgt Ion: 62 Resp: 262505

Ion Ratio Lower Upper

62 100

64 32.0 23.4 43.6



#6

Bromomethane

Concen: 26.695 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW025452.D

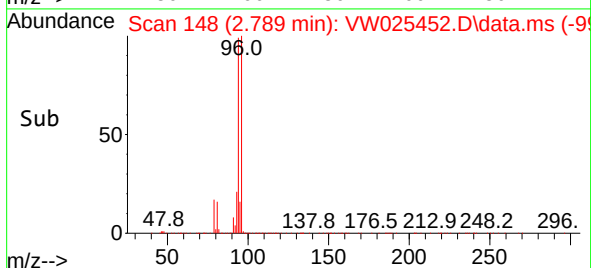
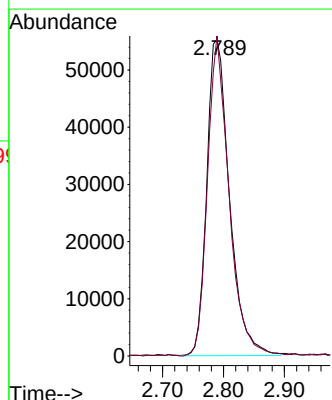
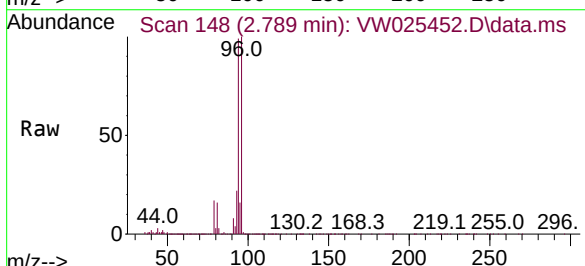
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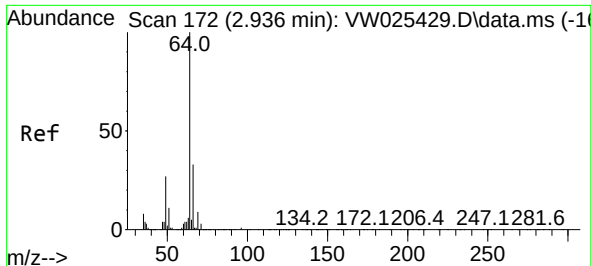
Tgt Ion: 94 Resp: 143583

Ion Ratio Lower Upper

94 100

96 101.1 64.5 119.9

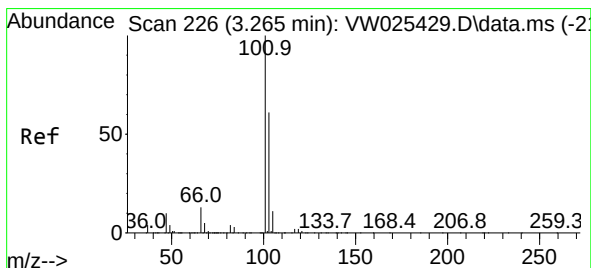
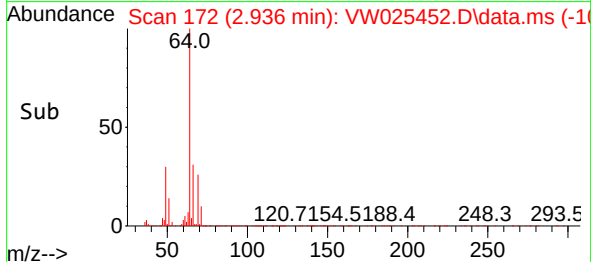
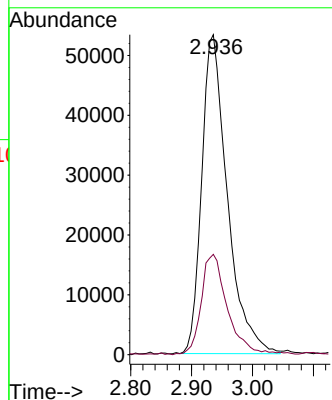
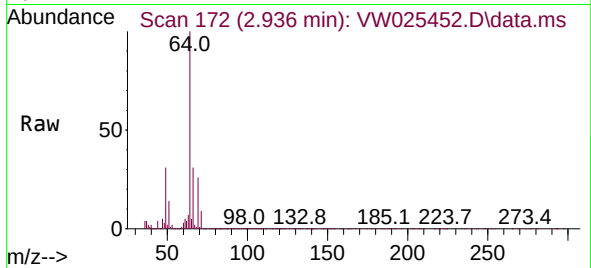




#8
Chloroethane
Concen: 26.871 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

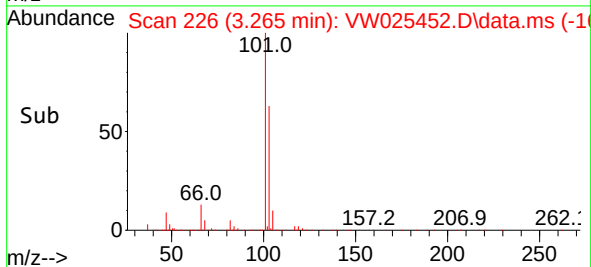
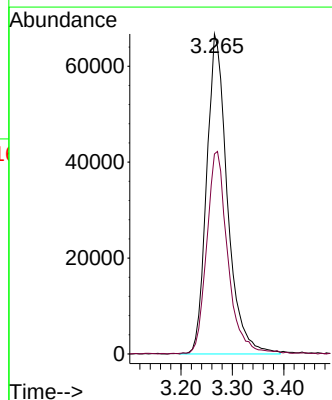
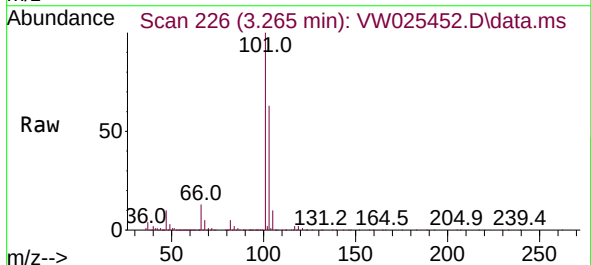
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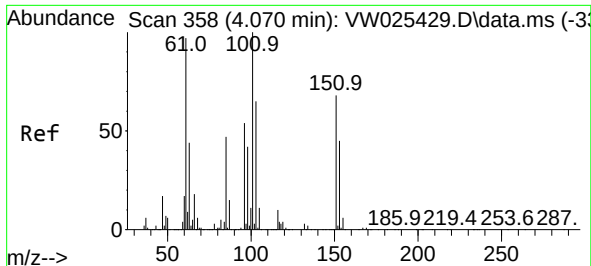
Tgt Ion: 64 Resp: 155812
Ion Ratio Lower Upper
64 100
66 31.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 21.383 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 101 Resp: 186719
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

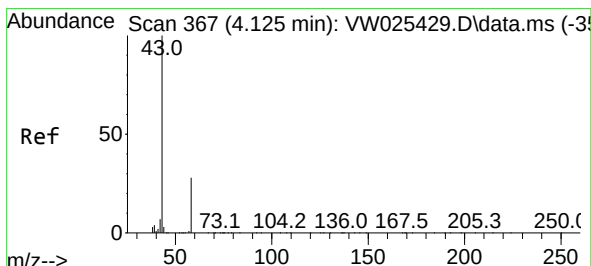
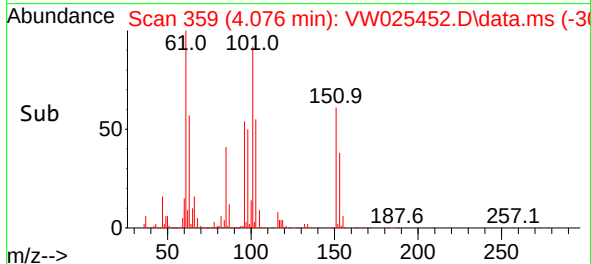
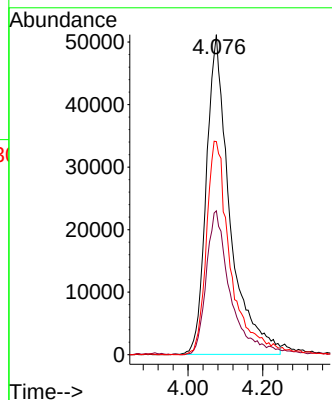
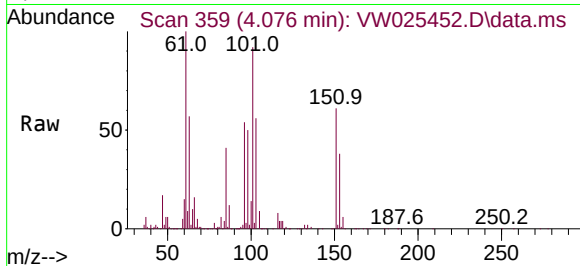




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.401 ug/L
RT: 4.076 min Scan# 358
Delta R.T. 0.006 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

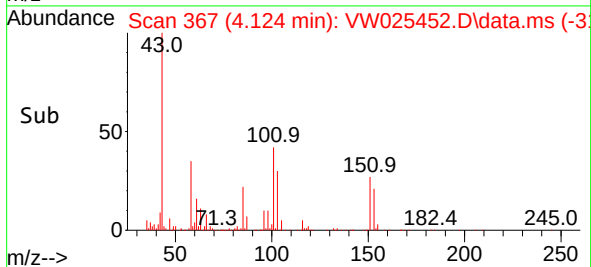
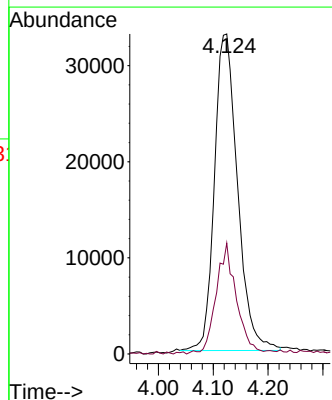
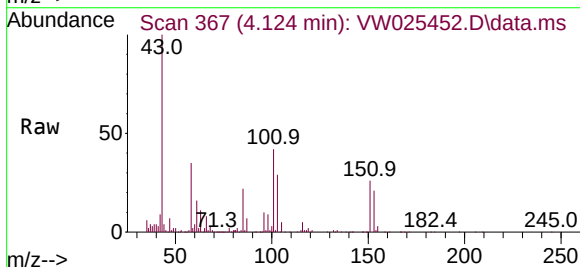
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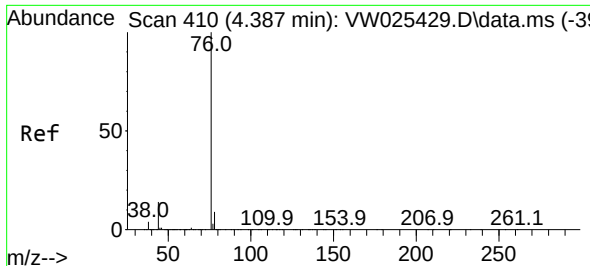
Tgt Ion:101 Resp: 223564
Ion Ratio Lower Upper
101 100
85 44.1 35.8 53.8
151 67.0 54.2 81.2



#13
Acetone
Concen: 37.409 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 43 Resp: 96427
Ion Ratio Lower Upper
43 100
58 29.9 0.0 60.0

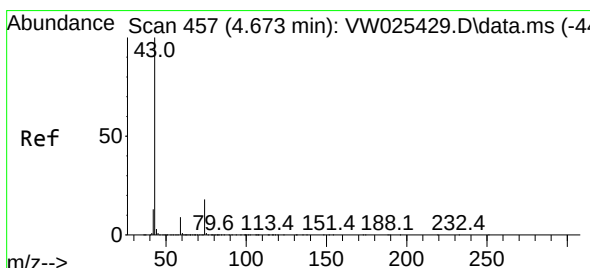
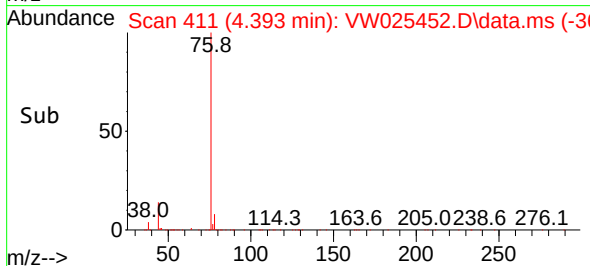
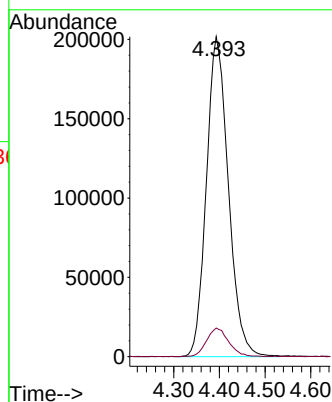
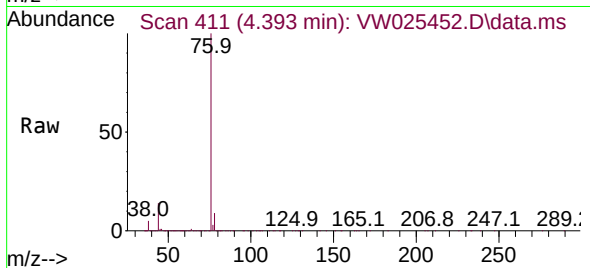




#14
Carbon disulfide
Concen: 26.476 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

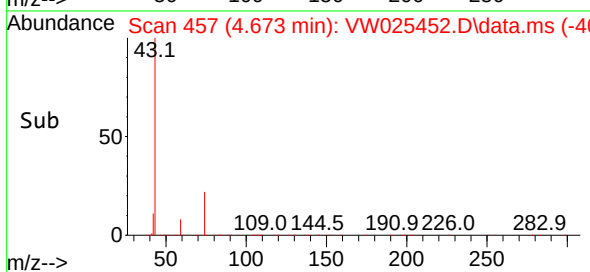
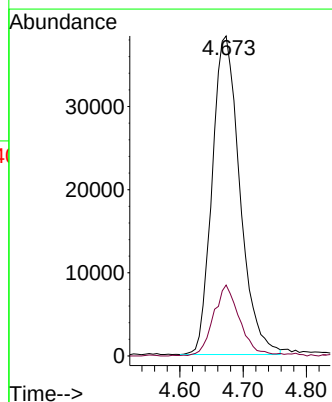
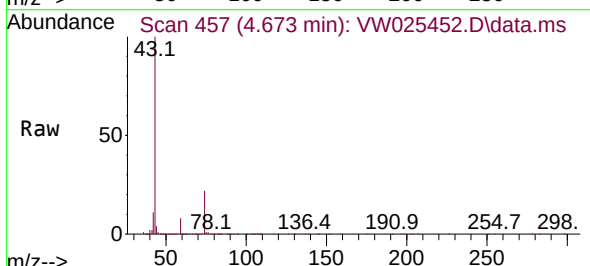
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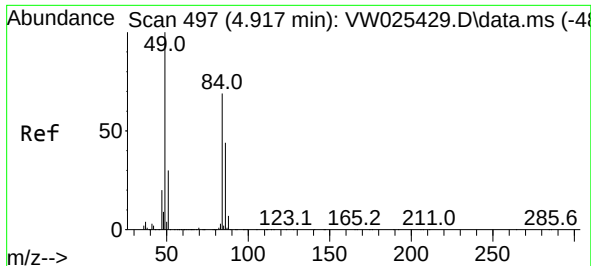
Tgt Ion: 76 Resp: 674419
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#15
Methyl Acetate
Concen: 24.117 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 116620
Ion Ratio Lower Upper
43 100
74 20.6 17.0 25.4

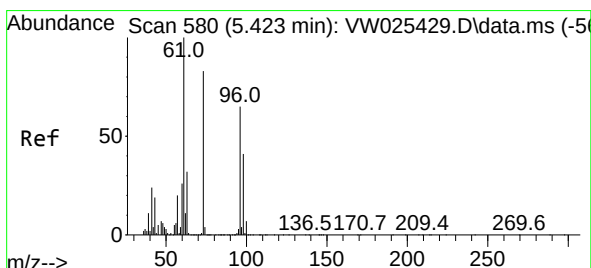
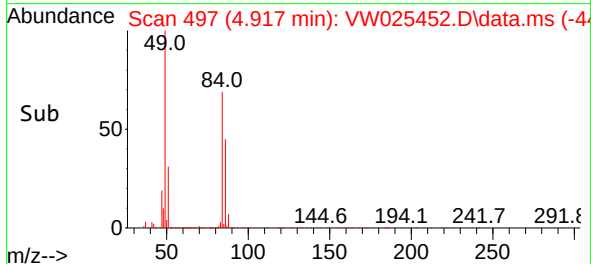
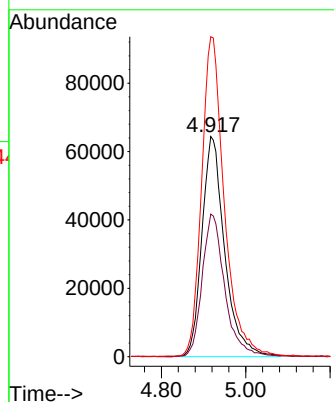
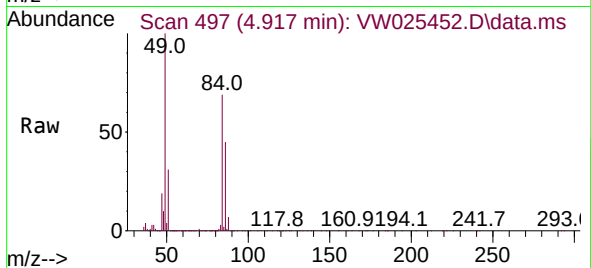




#16
Methylene chloride
Concen: 26.388 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

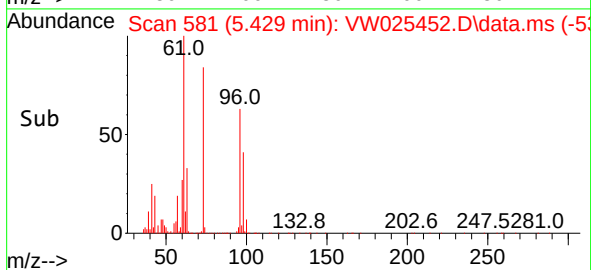
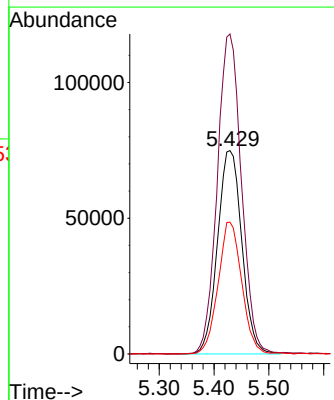
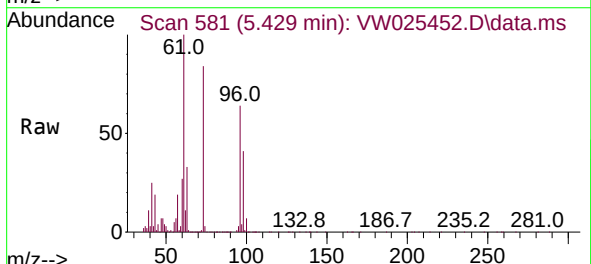
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

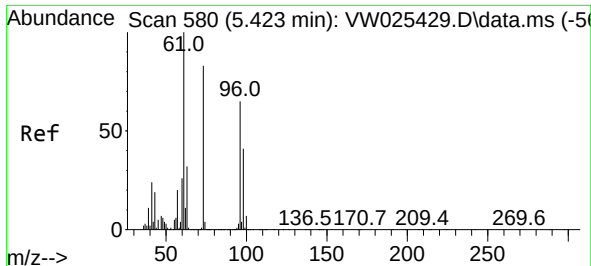
Tgt Ion: 84 Resp: 241404
Ion Ratio Lower Upper
84 100
86 64.7 45.1 83.7
49 145.3 94.7 175.9



#17
trans-1,2-Dichloroethene
Concen: 26.890 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 96 Resp: 230944
Ion Ratio Lower Upper
96 100
61 157.4 103.0 191.4
98 64.9 43.4 80.6

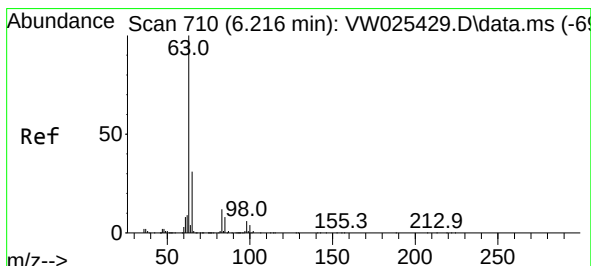
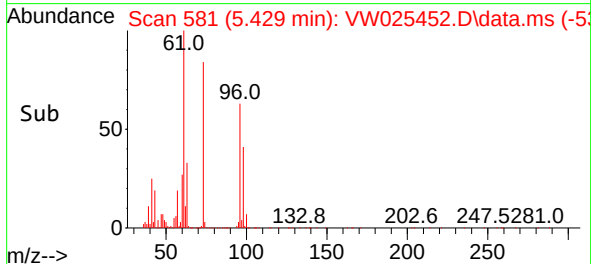
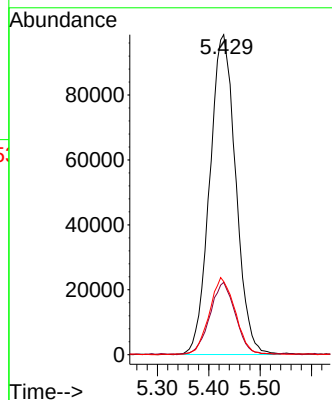
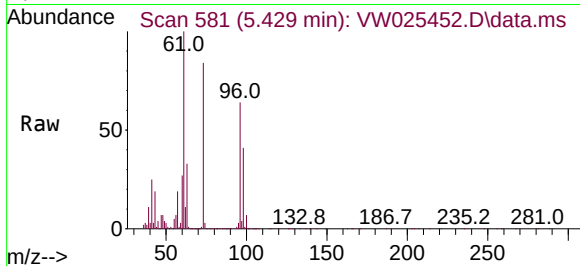




#18
Methyl tert-butyl Ether
Concen: 26.757 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

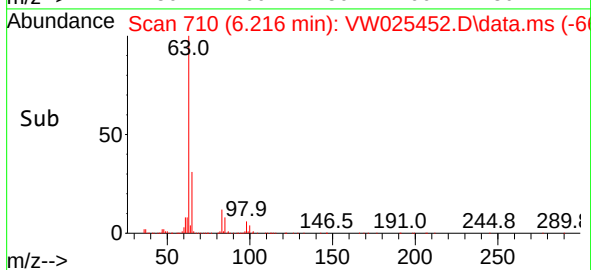
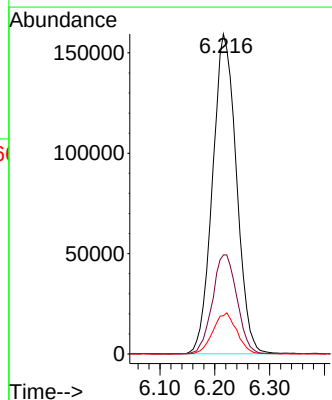
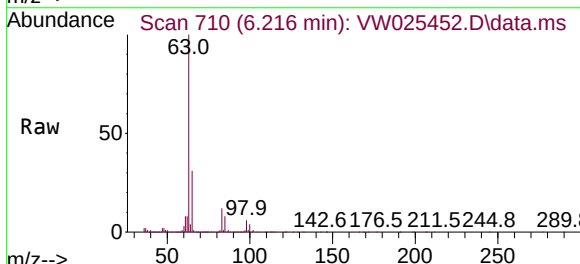
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

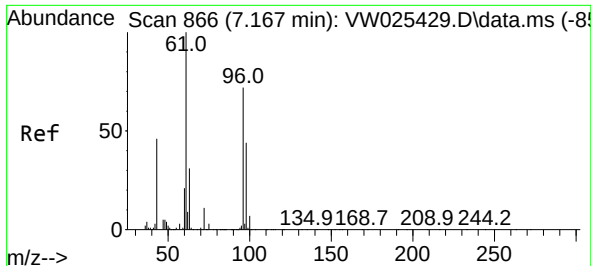
Tgt Ion: 73 Resp: 345965
Ion Ratio Lower Upper
73 100
43 22.3 17.6 26.4
57 23.6 18.6 28.0



#19
1,1-Dichloroethane
Concen: 27.117 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 63 Resp: 482279
Ion Ratio Lower Upper
63 100
65 31.0 21.7 40.3
83 11.9 8.4 15.6

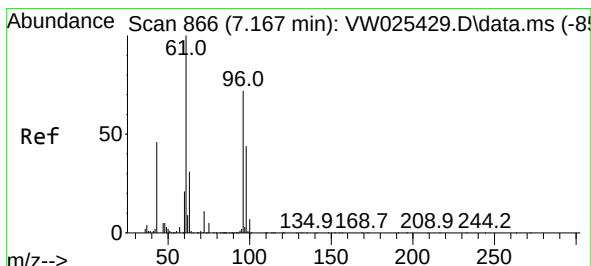
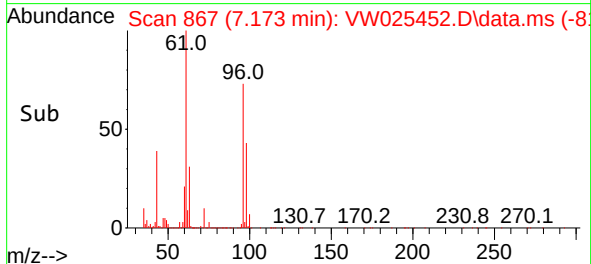
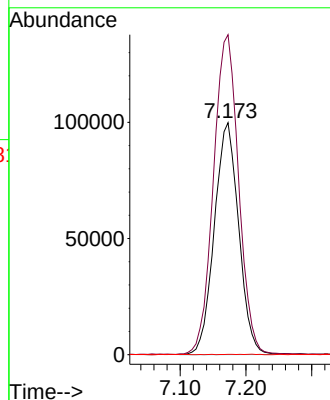
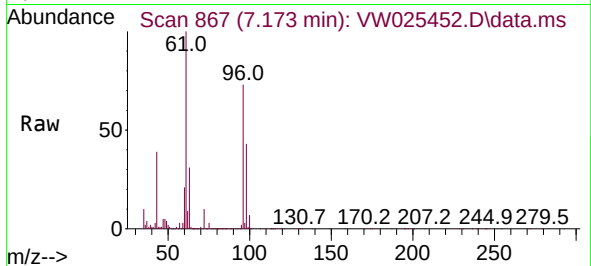




#20
 cis-1,2-Dichloroethene
 Concen: 27.326 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW025452.D
 Acq: 20 Mar 2023 18:49

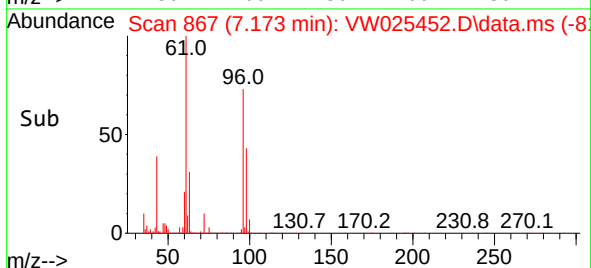
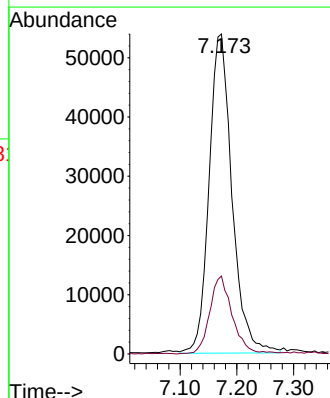
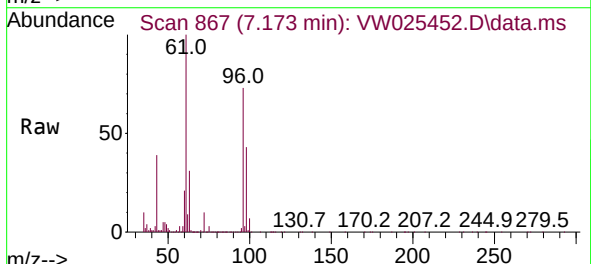
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

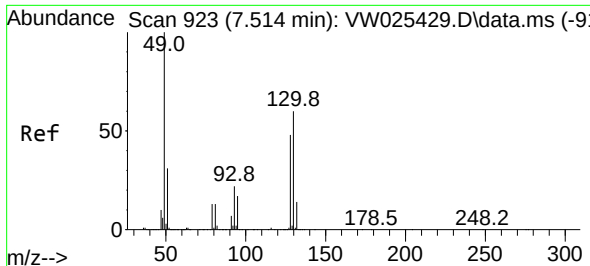
Tgt Ion: 96 Resp: 256959
 Ion Ratio Lower Upper
 96 100
 61 137.9 95.5 177.4
 68 0.1 0.1 0.1



#22
 2-Butanone
 Concen: 45.364 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW025452.D
 Acq: 20 Mar 2023 18:49

Tgt Ion: 43 Resp: 151264
 Ion Ratio Lower Upper
 43 100
 72 23.7 12.0 36.1

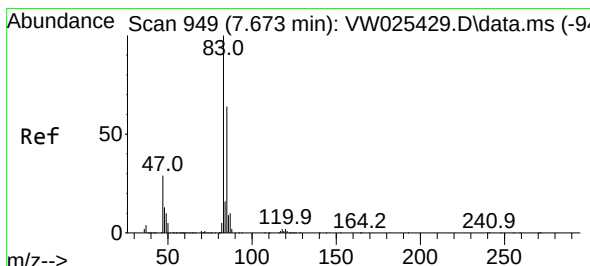
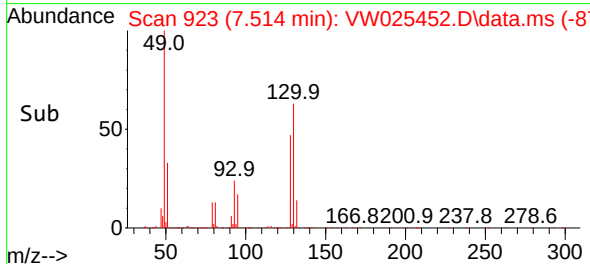
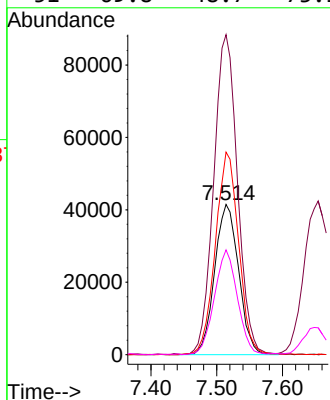
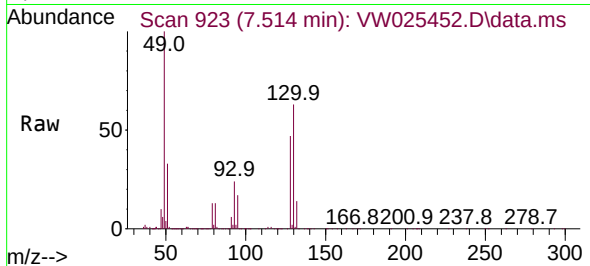




#23
Bromochloromethane
Concen: 26.055 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

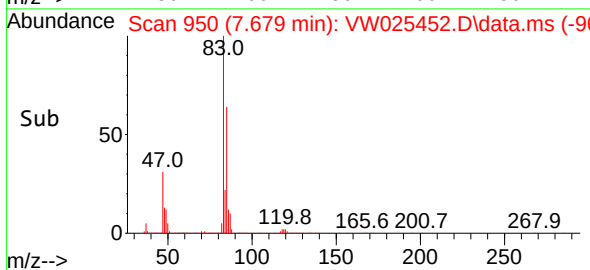
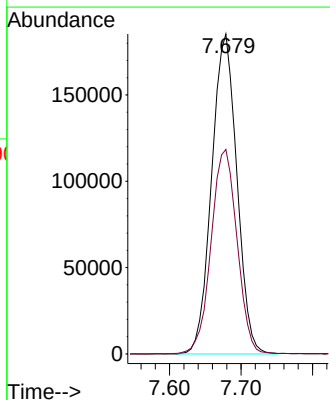
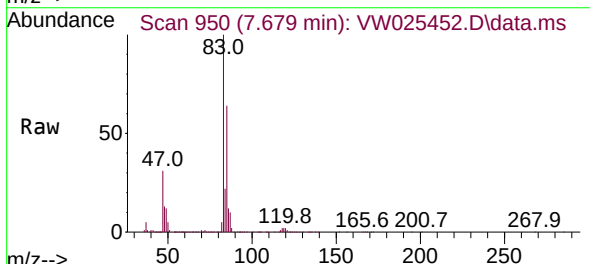
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

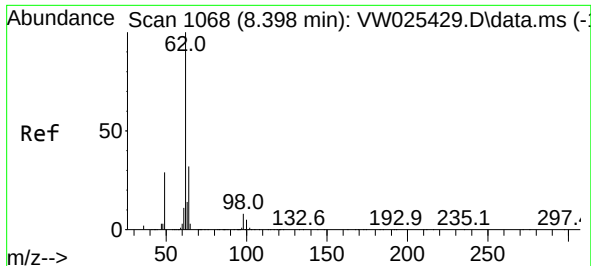
Tgt Ion:128 Resp: 105360
Ion Ratio Lower Upper
128 100
49 213.0 140.6 261.0
130 134.8 80.8 150.0
51 69.8 48.7 73.1



#25
Chloroform
Concen: 27.144 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 83 Resp: 453824
Ion Ratio Lower Upper
83 100
85 63.9 44.7 82.9

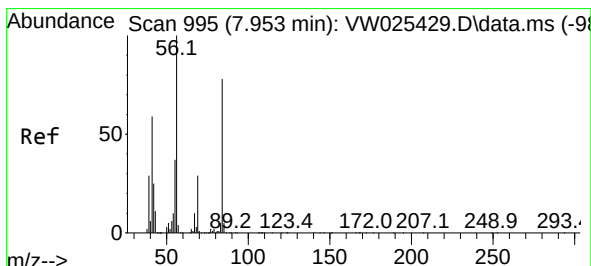
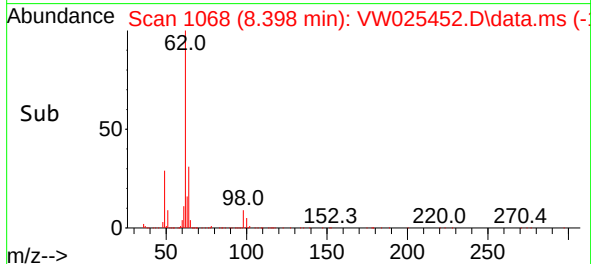
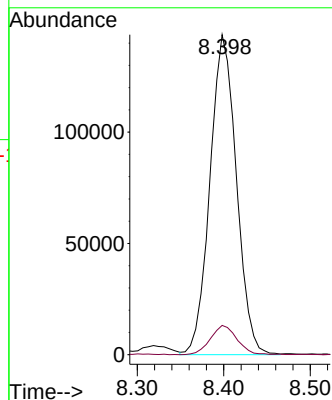
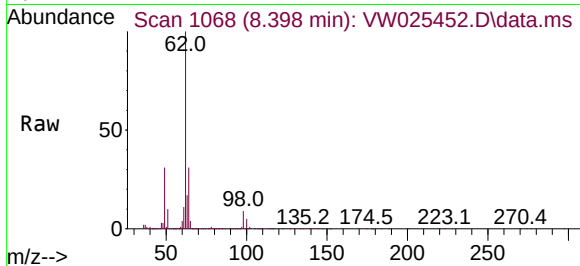




#27
1,2-Dichloroethane
Concen: 27.342 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

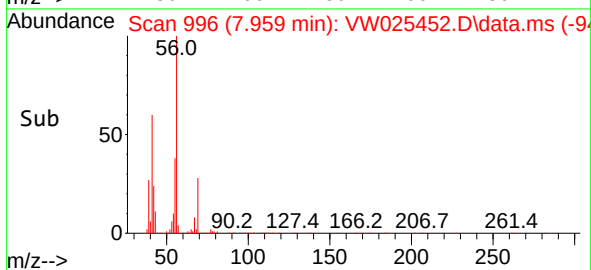
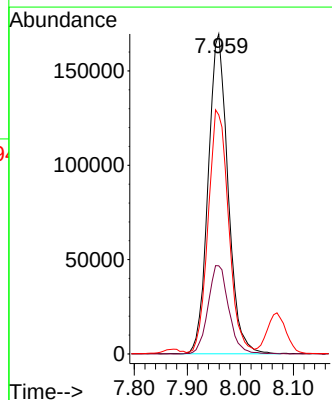
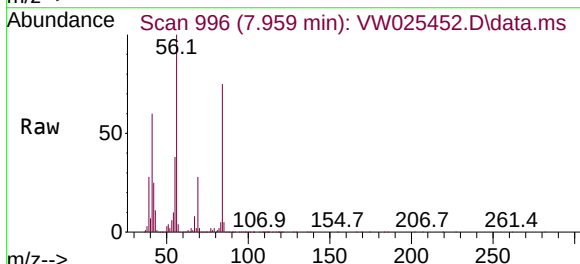
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

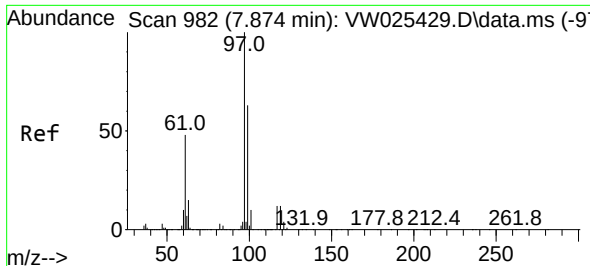
Tgt Ion: 62 Resp: 305078
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8



#29
Cyclohexane
Concen: 26.618 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 56 Resp: 440139
Ion Ratio Lower Upper
56 100
69 28.8 23.1 34.7
84 78.6 63.9 95.9

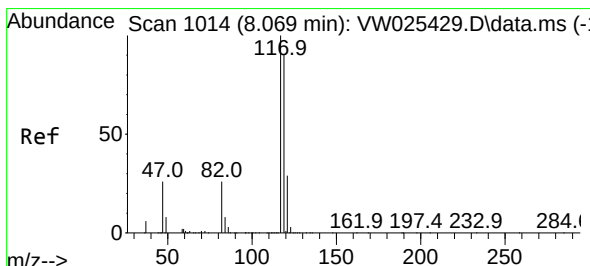
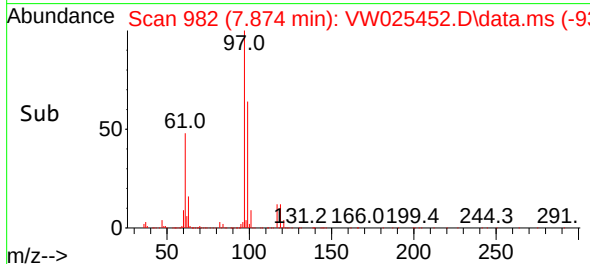
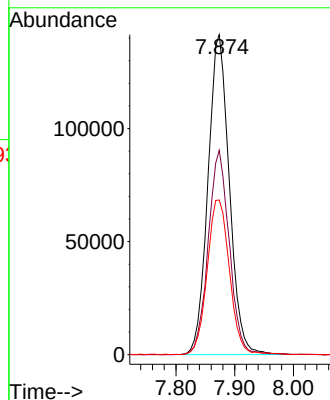
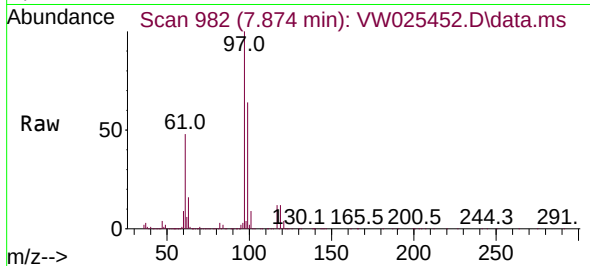




#30
1,1,1-Trichloroethane
Concen: 25.620 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

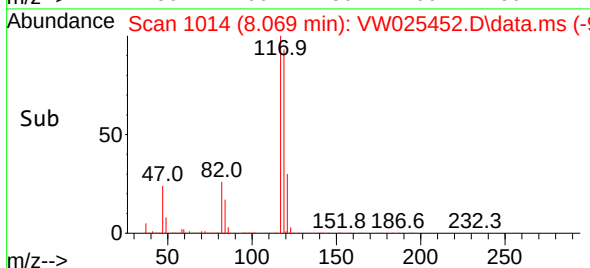
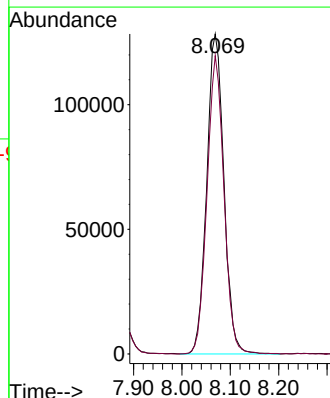
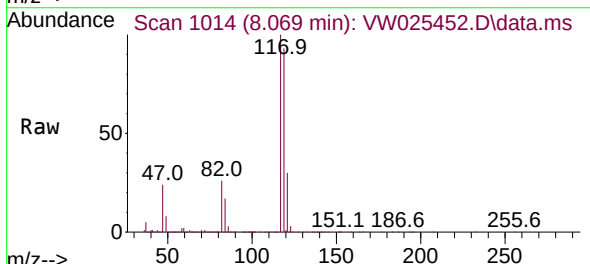
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

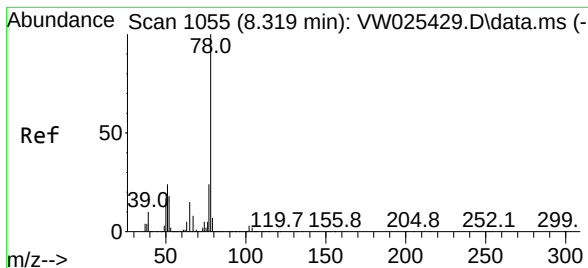
Tgt Ion: 97 Resp: 356783
Ion Ratio Lower Upper
97 100
99 63.1 50.9 76.3
61 50.0 39.8 59.6



#31
Carbon tetrachloride
Concen: 25.367 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 117 Resp: 316655
Ion Ratio Lower Upper
117 100
119 91.9 75.8 113.6





#33

Benzene

Concen: 27.308 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

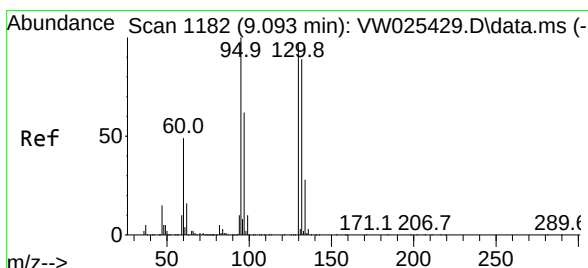
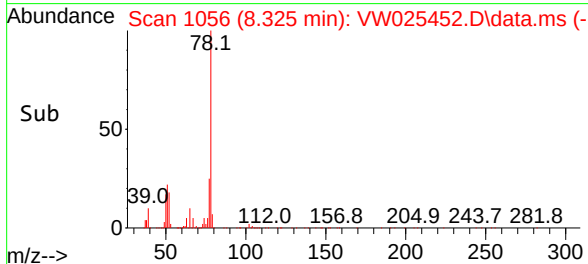
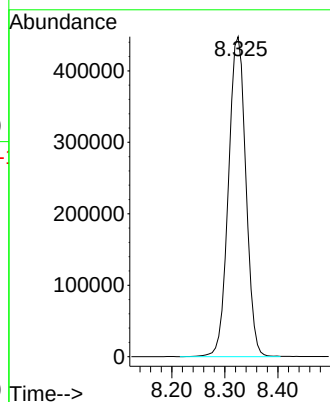
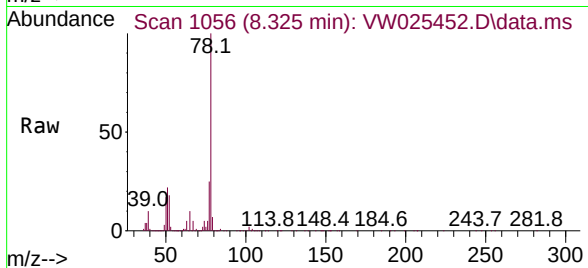
Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

Tgt Ion: 78 Resp: 1022759



#34

Trichloroethene

Concen: 25.766 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

Tgt Ion: 95 Resp: 253287

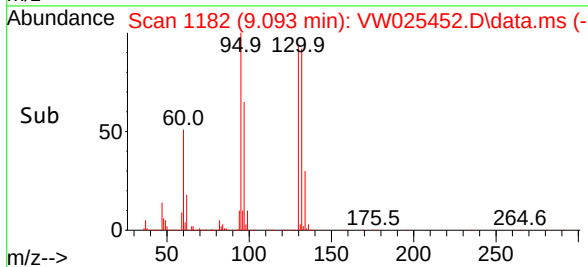
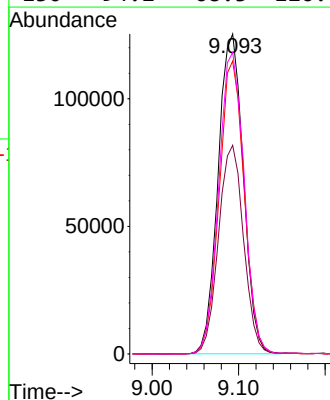
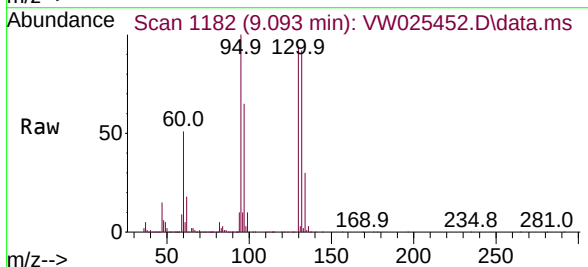
Ion Ratio Lower Upper

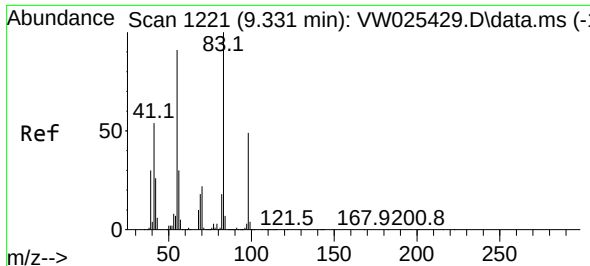
95 100

97 65.2 43.8 81.4

132 91.5 65.9 122.3

130 94.2 68.3 126.8

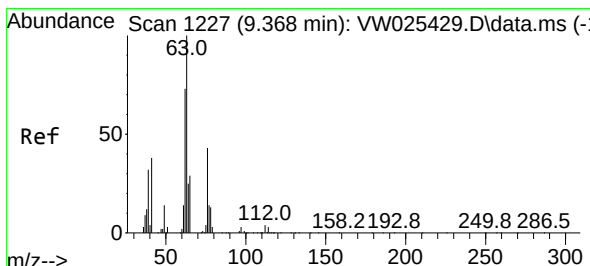
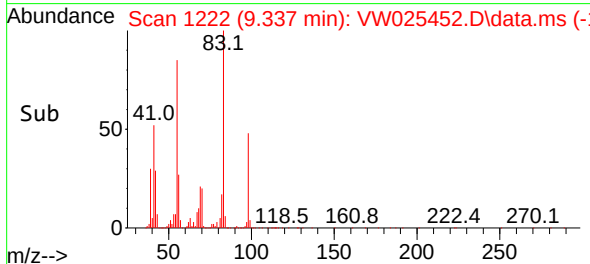
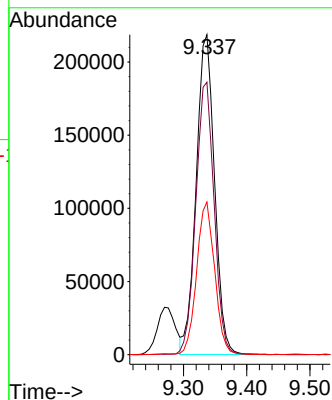
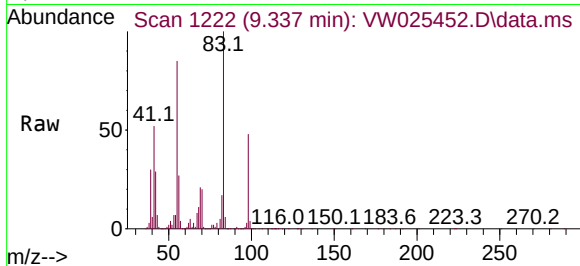




#35
Methylcyclohexane
Concen: 26.089 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

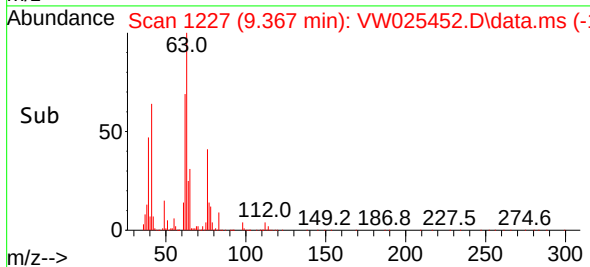
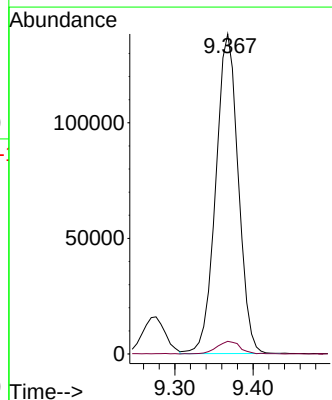
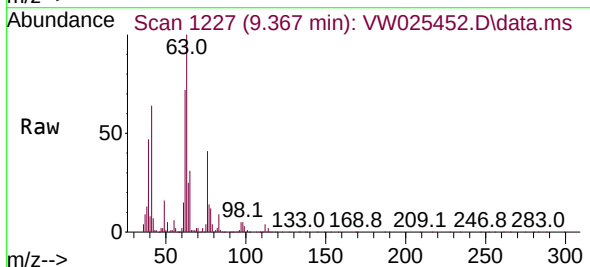
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

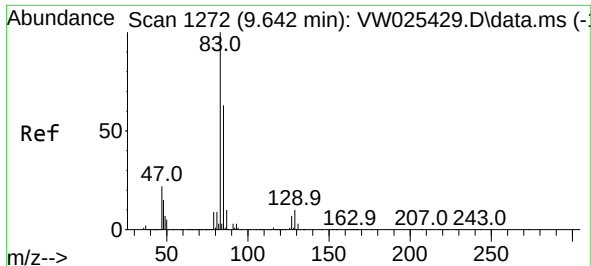
Tgt Ion: 83 Resp: 441785
Ion Ratio Lower Upper
83 100
55 85.4 68.2 102.4
98 46.9 39.0 58.4



#37
1,2-Dichloropropane
Concen: 26.761 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 63 Resp: 275895
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8

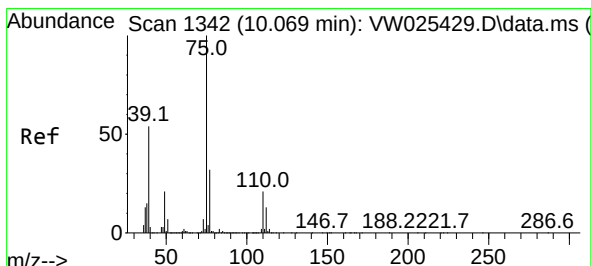
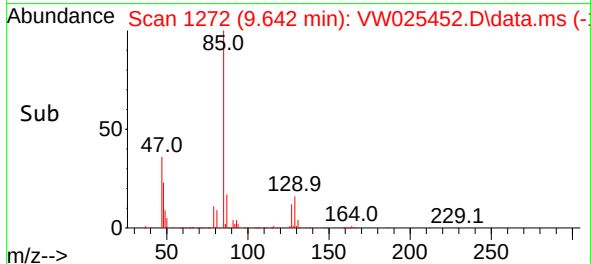
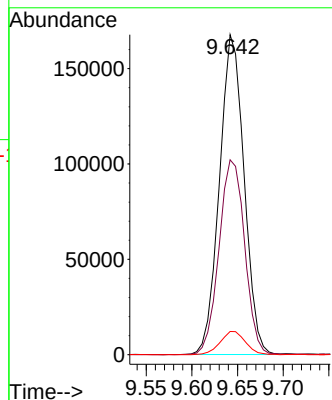
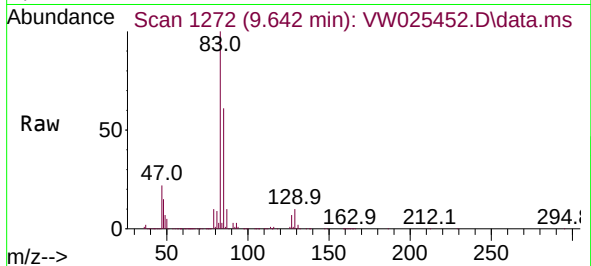




#38
Bromodichloromethane
Concen: 26.168 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

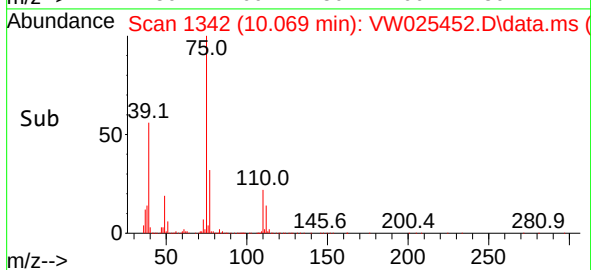
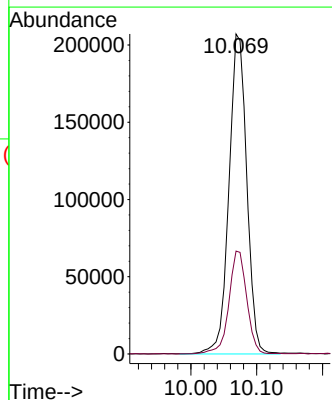
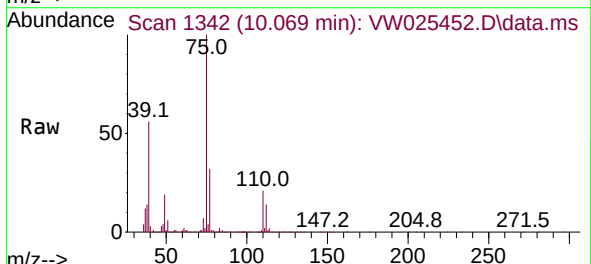
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

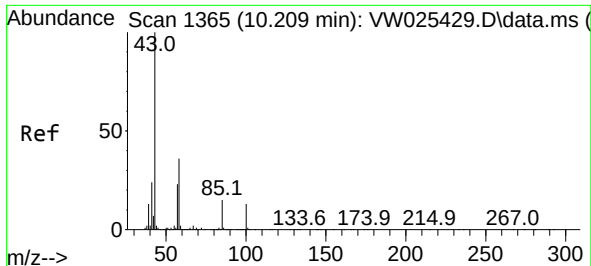
Tgt Ion: 83 Resp: 314624
Ion Ratio Lower Upper
83 100
85 60.9 44.7 83.1
127 7.3 6.1 9.1



#39
cis-1,3-Dichloropropene
Concen: 26.268 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 75 Resp: 390132
Ion Ratio Lower Upper
75 100
77 32.2 22.0 41.0

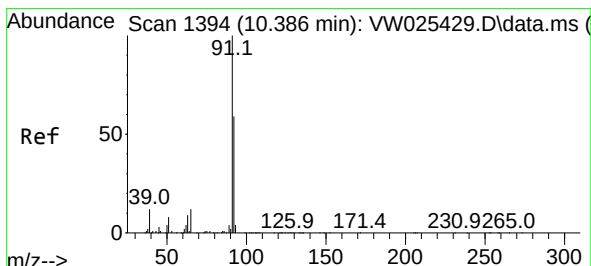
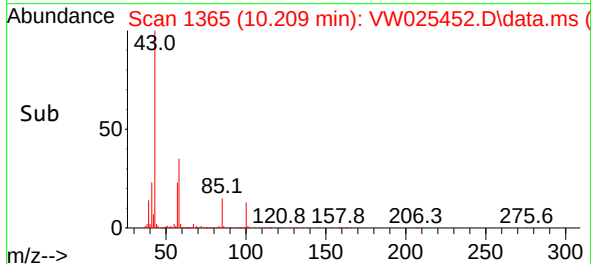
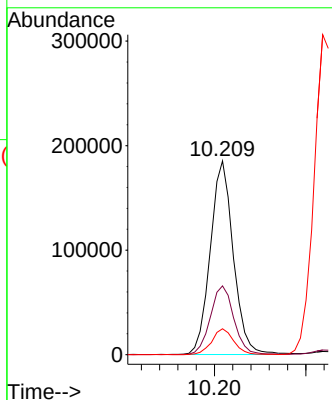
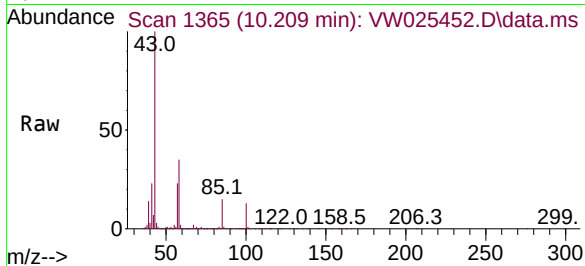




#40
4-Methyl-2-pentanone
Concen: 52.211 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

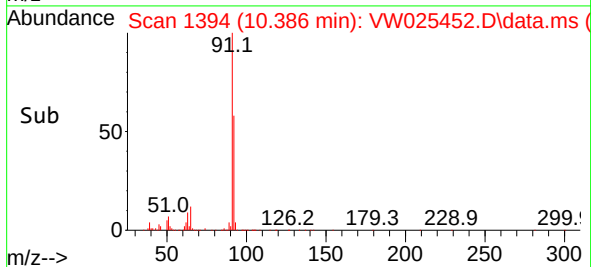
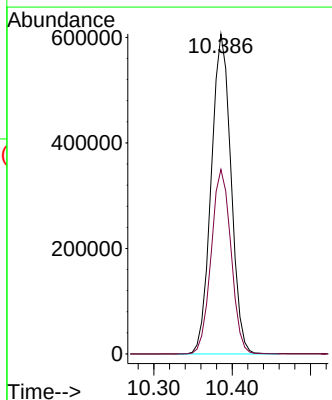
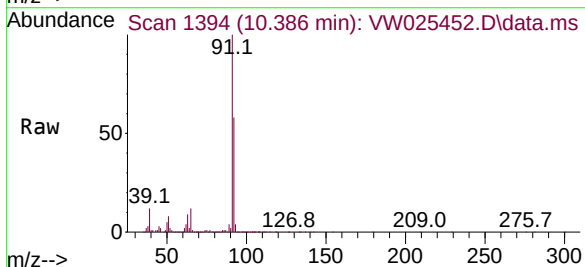
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

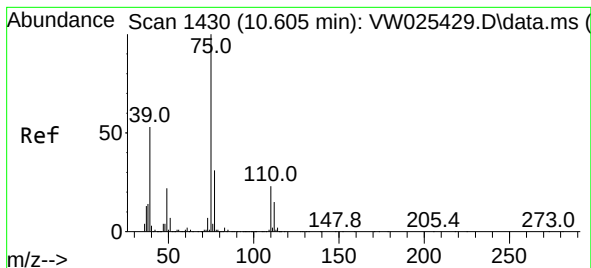
Tgt Ion: 43 Resp: 323518
Ion Ratio Lower Upper
43 100
58 36.4 29.6 44.4
100 12.9 10.6 16.0



#42
Toluene
Concen: 27.488 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 91 Resp: 1062961
Ion Ratio Lower Upper
91 100
92 57.7 41.6 77.3

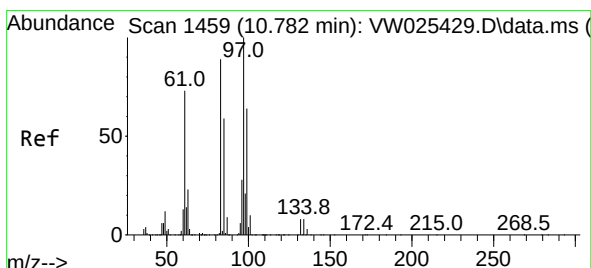
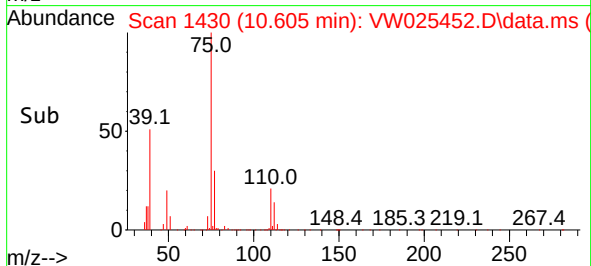
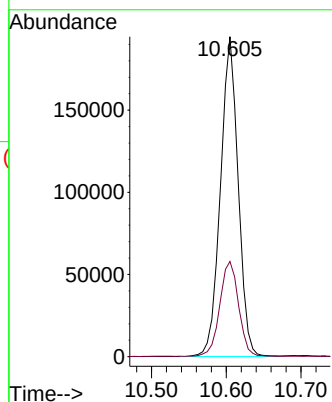
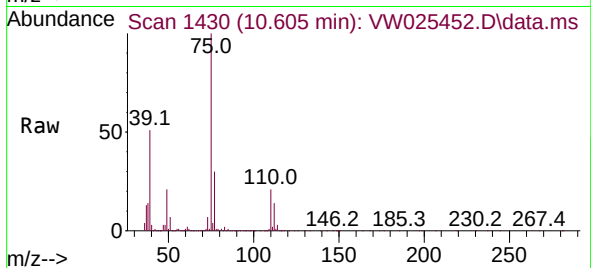




#44
trans-1,3-Dichloropropene
Concen: 25.813 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

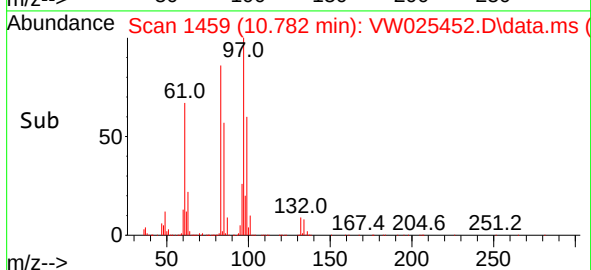
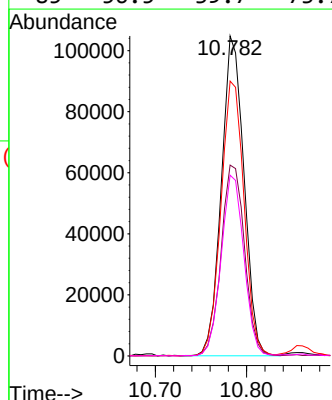
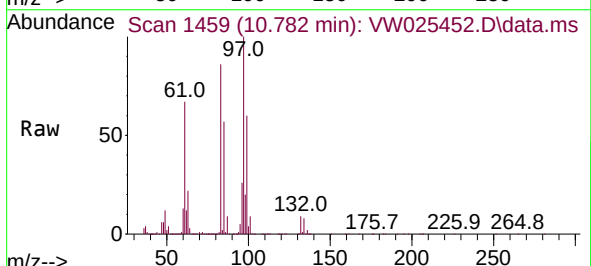
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

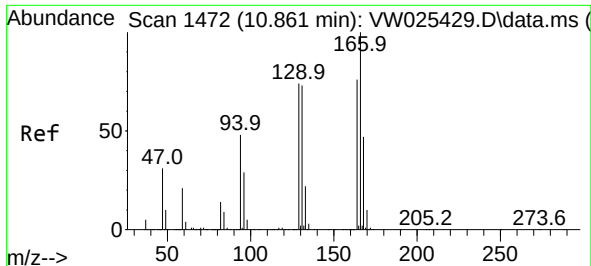
Tgt Ion: 75 Resp: 321052
Ion Ratio Lower Upper
75 100
77 29.7 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 25.996 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 97 Resp: 179981
Ion Ratio Lower Upper
97 100
99 59.6 42.6 79.0
83 85.9 60.5 112.3
85 56.5 39.7 73.7



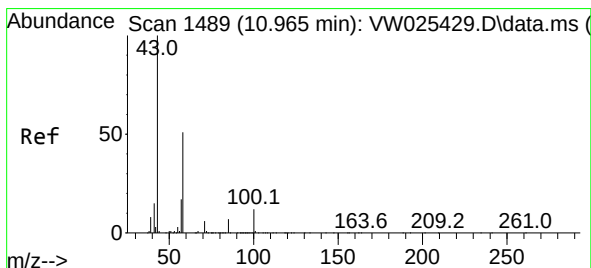
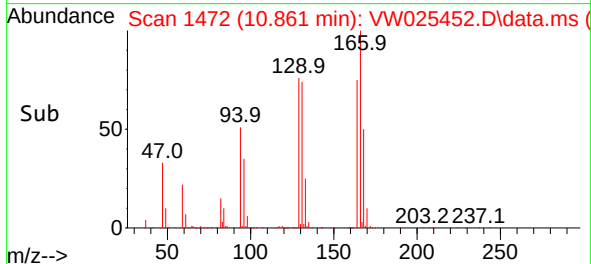
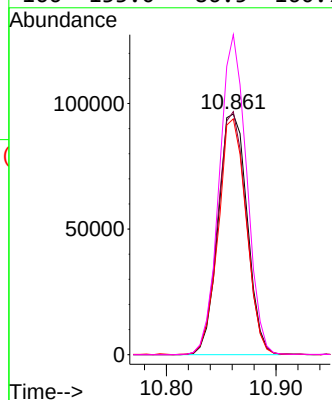
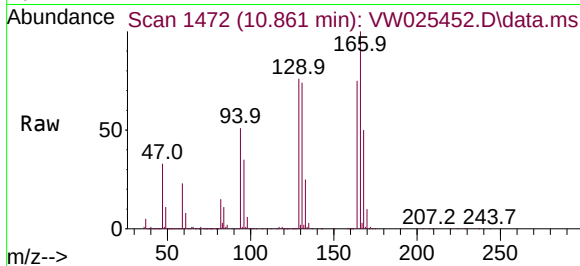


#46
Tetrachloroethene
Concen: 25.155 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

Tgt Ion:164 Resp: 175948

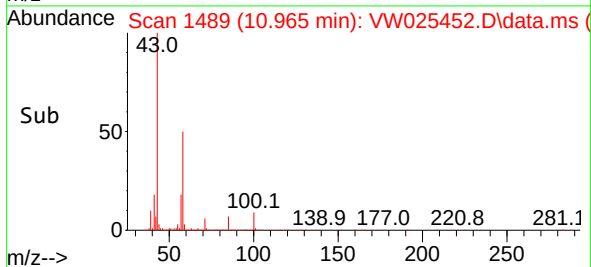
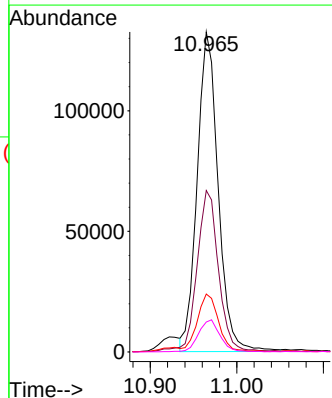
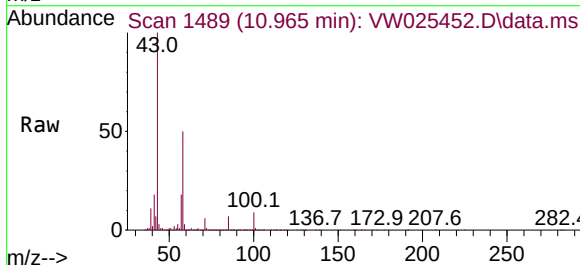
Ion	Ratio	Lower	Upper
164	100		
129	101.0	67.7	125.7
131	98.0	67.0	124.4
166	133.0	86.5	160.7

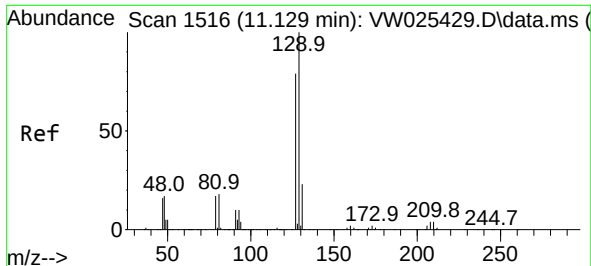


#48
2-Hexanone
Concen: 50.067 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 43 Resp: 223196

Ion	Ratio	Lower	Upper
43	100		
58	52.1	41.2	61.8
57	18.2	14.2	21.4
100	10.5	8.5	12.7

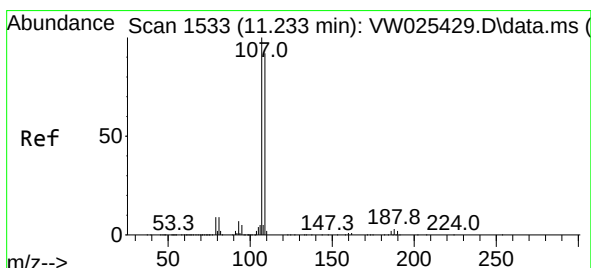
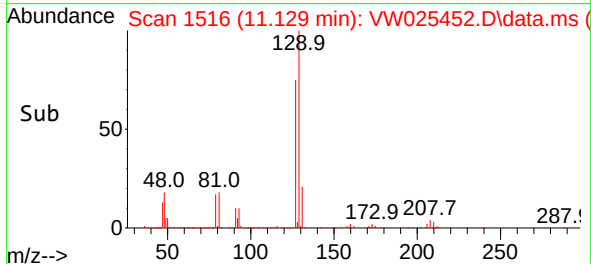
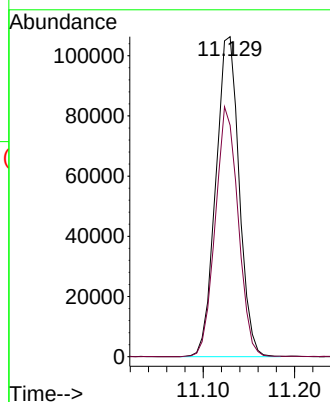
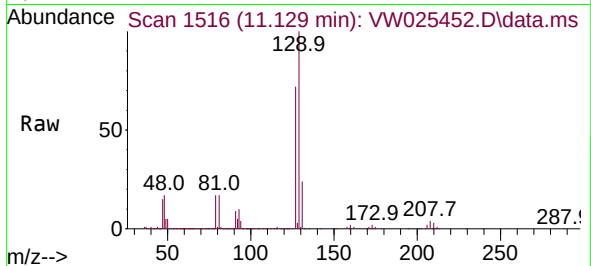




#49
Dibromochloromethane
Concen: 25.530 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

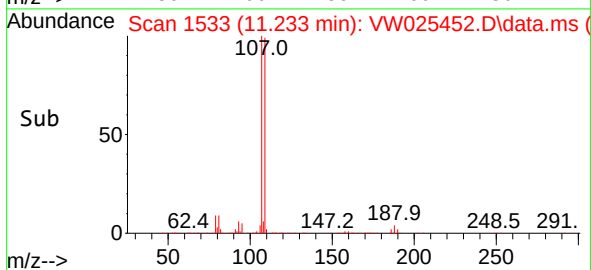
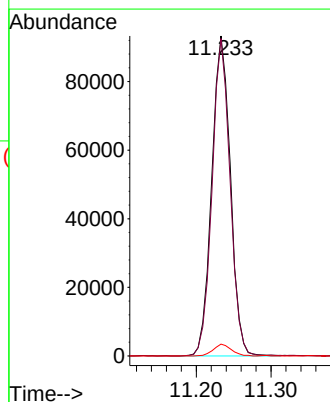
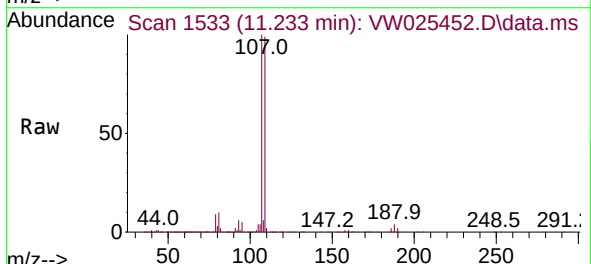
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

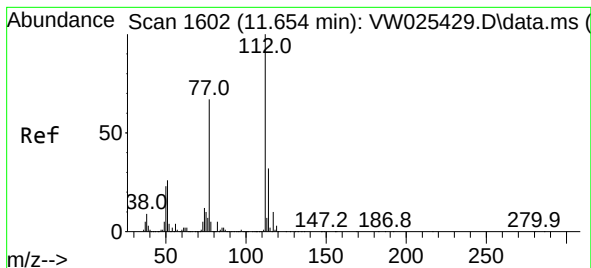
Tgt Ion:129 Resp: 188857
Ion Ratio Lower Upper
129 100
127 72.3 52.8 98.2



#50
1,2-Dibromoethane
Concen: 25.263 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion:107 Resp: 161902
Ion Ratio Lower Upper
107 100
109 99.2 62.9 116.9
188 3.7 3.0 4.4

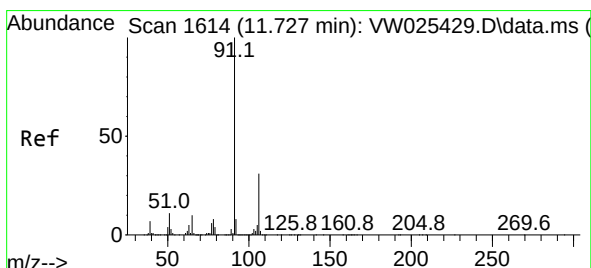
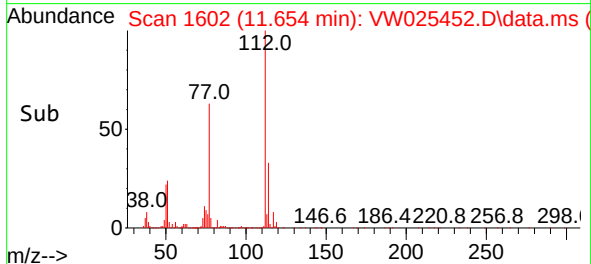
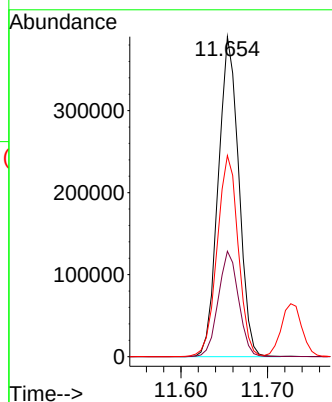
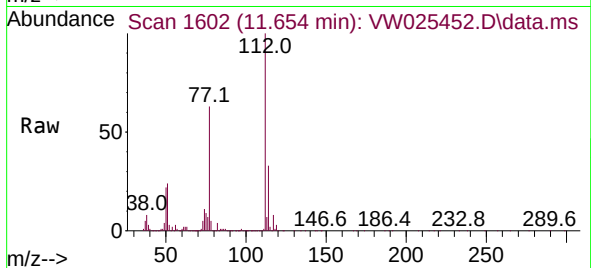




#51
Chlorobenzene
Concen: 26.167 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

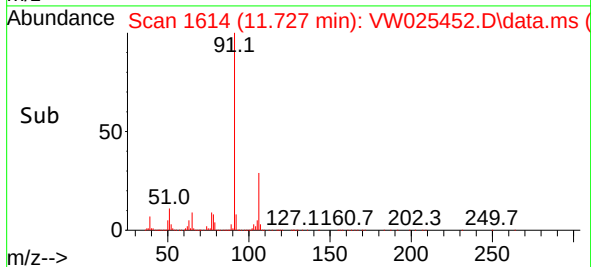
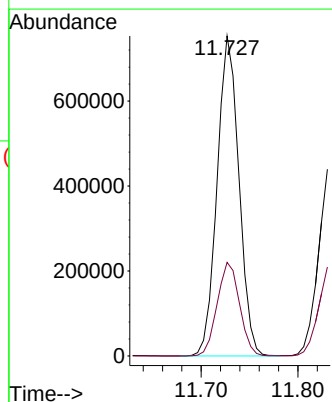
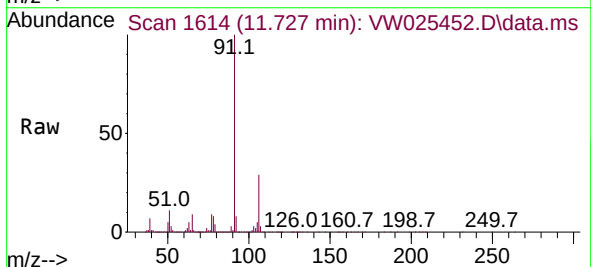
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

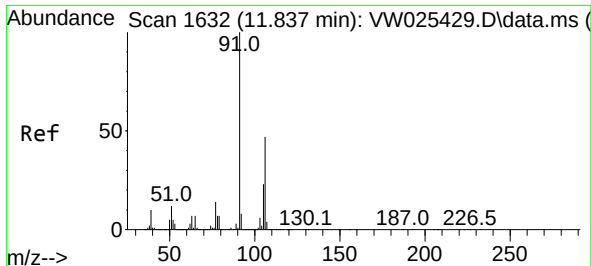
Tgt Ion:112 Resp: 642220
Ion Ratio Lower Upper
112 100
114 33.0 21.9 40.7
77 62.8 51.8 77.8



#52
Ethylbenzene
Concen: 26.697 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 91 Resp: 1177443
Ion Ratio Lower Upper
91 100
106 29.3 22.0 41.0

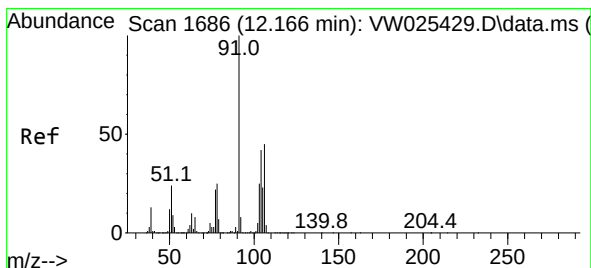
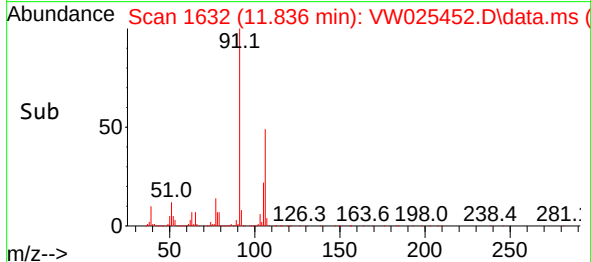
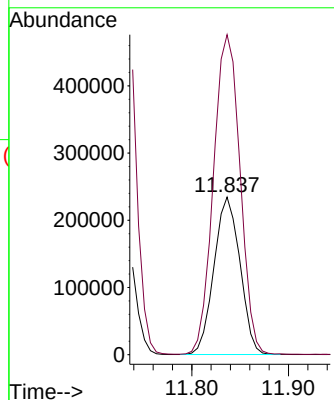
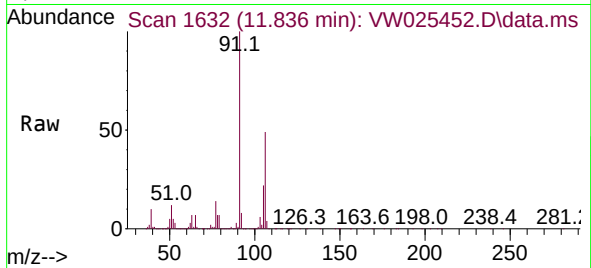




#53
m,p-Xylene
Concen: 26.862 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

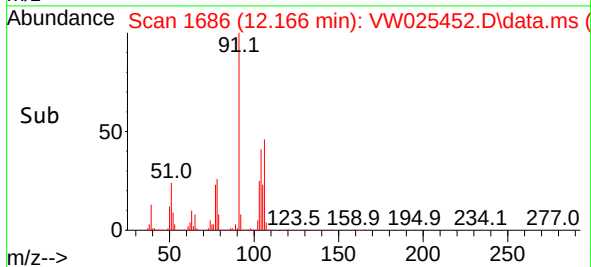
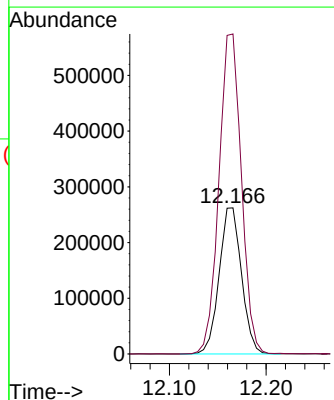
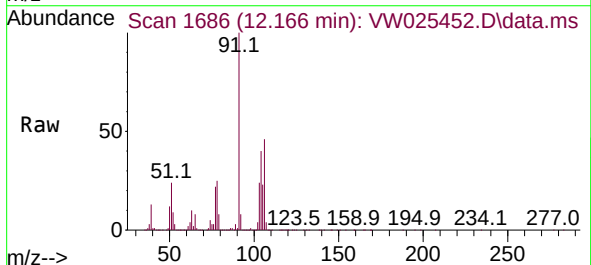
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

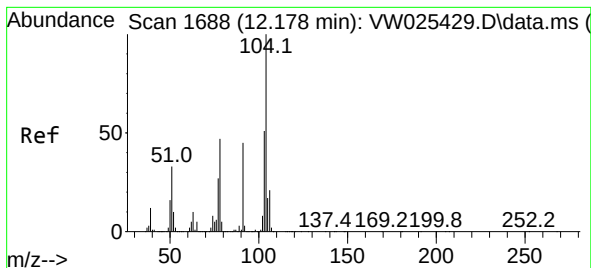
Tgt Ion:106 Resp: 436964
Ion Ratio Lower Upper
106 100
91 203.0 144.2 267.8



#54
o-Xylene
Concen: 27.439 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion:106 Resp: 420010
Ion Ratio Lower Upper
106 100
91 218.9 154.6 287.2





#55

Styrene

Concen: 27.768 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

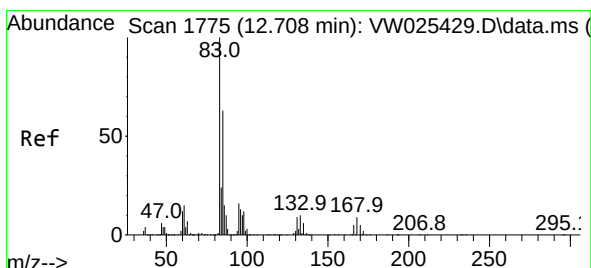
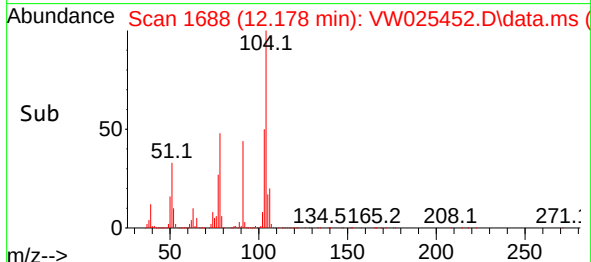
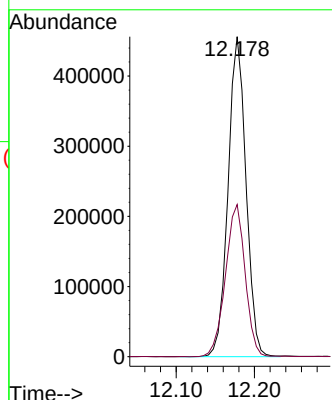
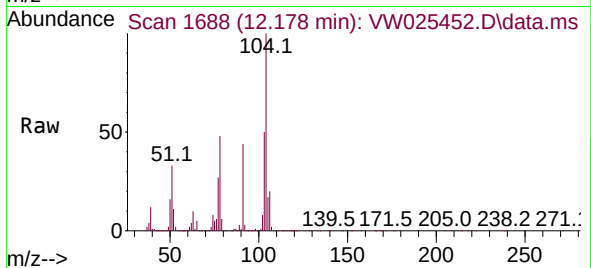
VSTD025553

Tgt Ion:104 Resp: 725858

Ion Ratio Lower Upper

104 100

78 47.6 31.1 57.9



#57

1,1,2,2-Tetrachloroethane

Concen: 25.024 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

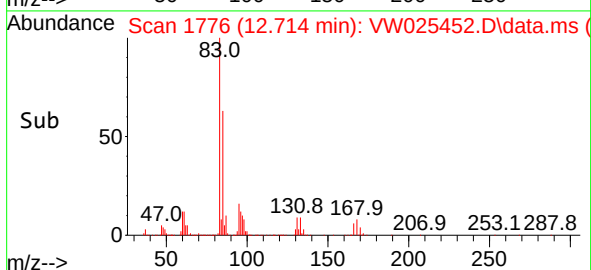
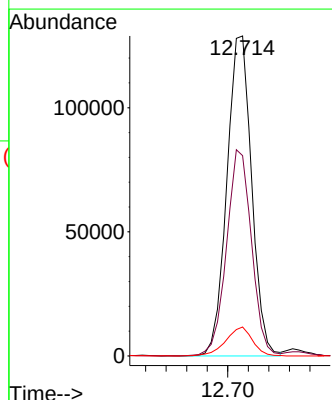
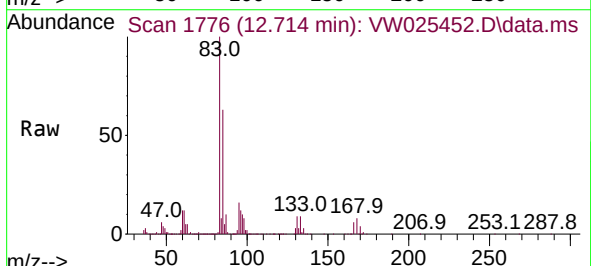
Tgt Ion: 83 Resp: 215513

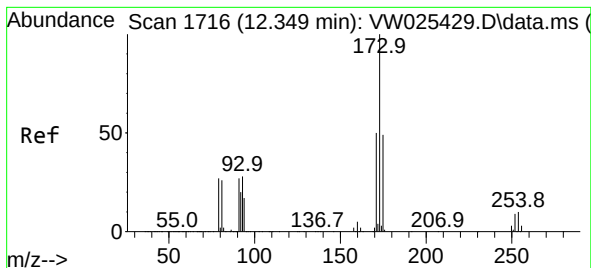
Ion Ratio Lower Upper

83 100

85 62.6 45.4 84.2

131 9.1 8.0 12.0





#59

Bromoform

Concen: 24.016 ug/L

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

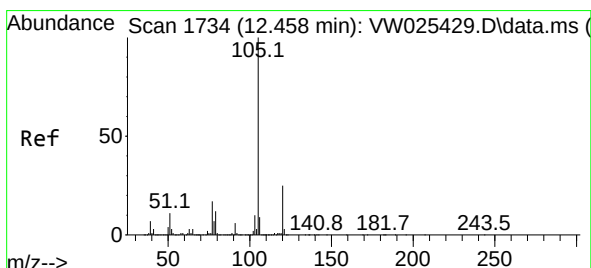
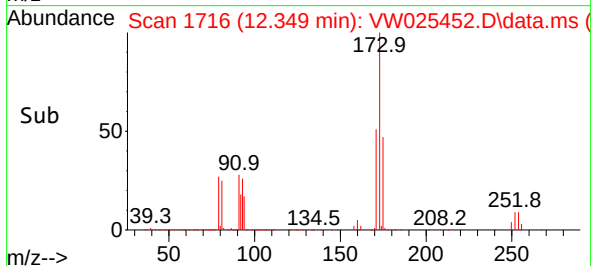
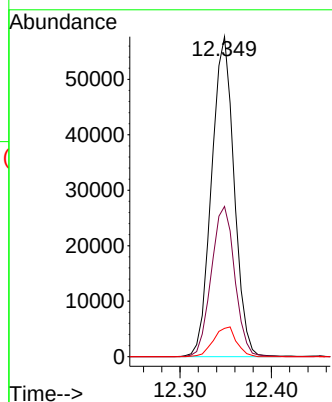
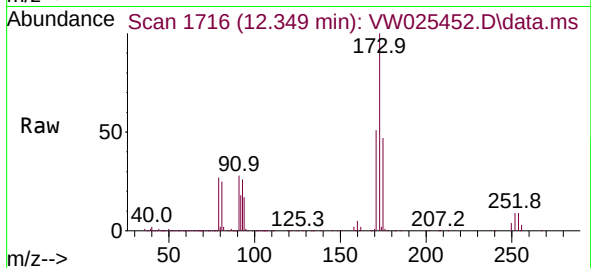
Tgt Ion:173 Resp: 98876

Ion Ratio Lower Upper

173 100

175 48.9 38.6 57.8

254 9.4 7.9 11.9



#60

Isopropylbenzene

Concen: 27.267 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

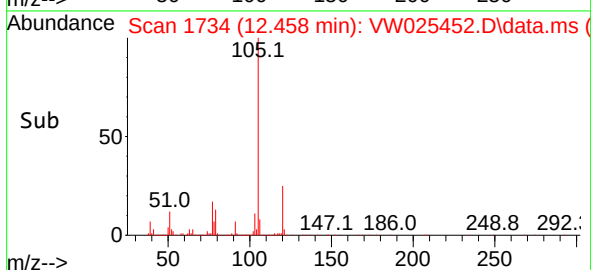
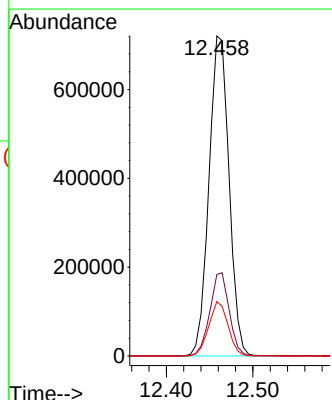
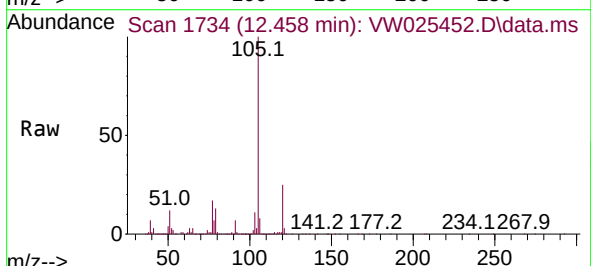
Tgt Ion:105 Resp: 1159930

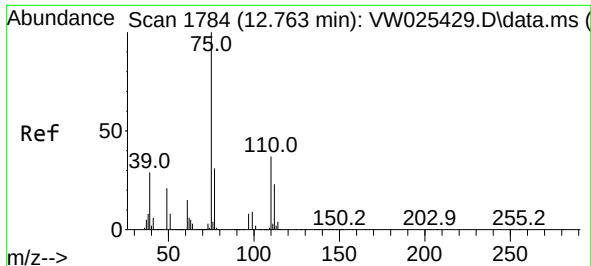
Ion Ratio Lower Upper

105 100

120 25.1 20.9 31.3

77 16.3 13.1 19.7

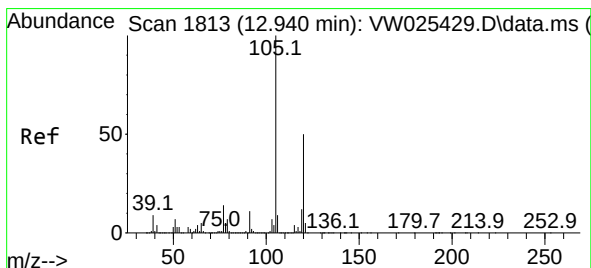
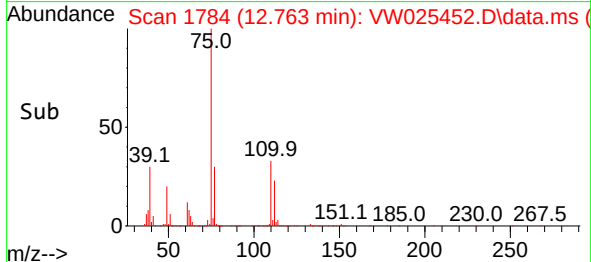
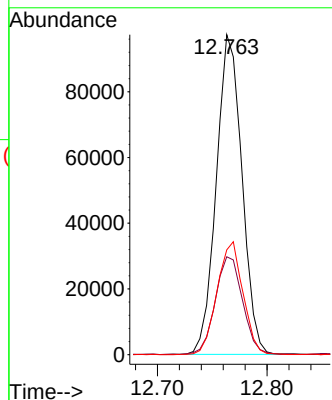
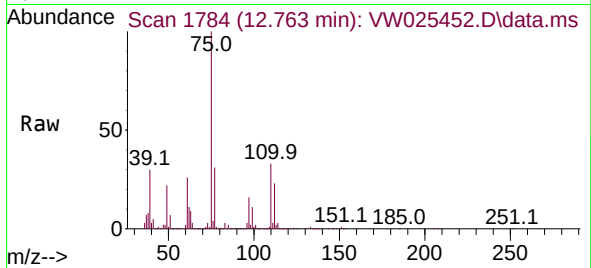




#61
1,2,3-Trichloropropane
Concen: 25.470 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

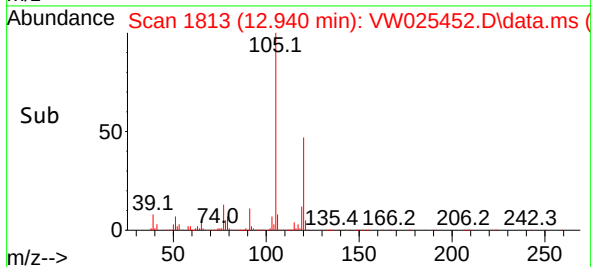
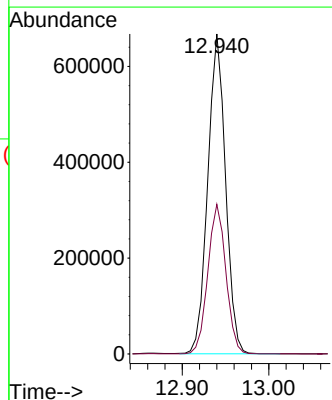
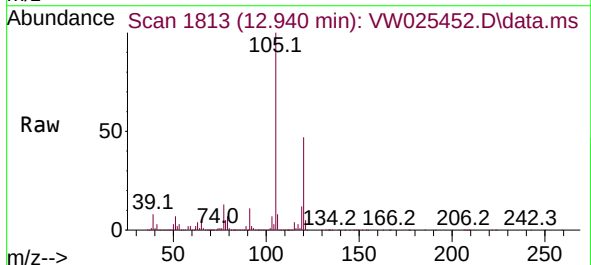
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

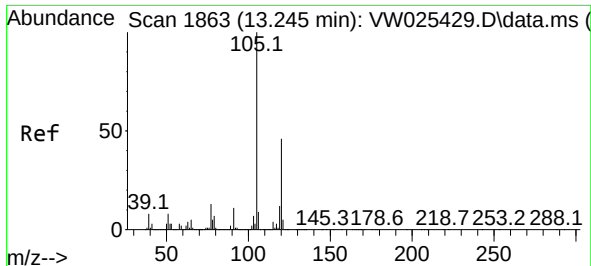
Tgt Ion: 75 Resp: 158360
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2
110 35.8 28.9 43.3



#62
1,3,5-Trimethylbenzene
Concen: 28.248 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion: 105 Resp: 951722
Ion Ratio Lower Upper
105 100
120 47.5 39.3 58.9

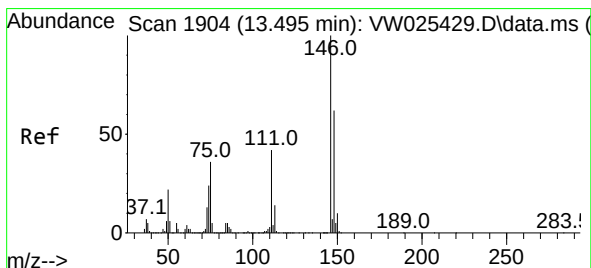
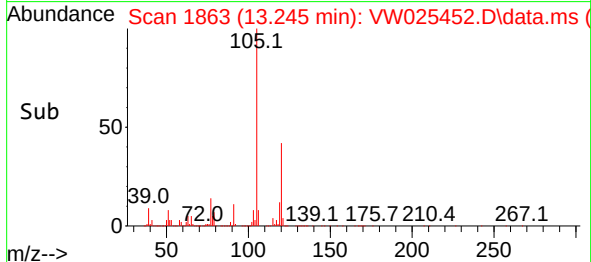
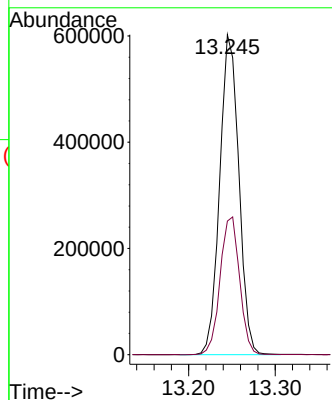
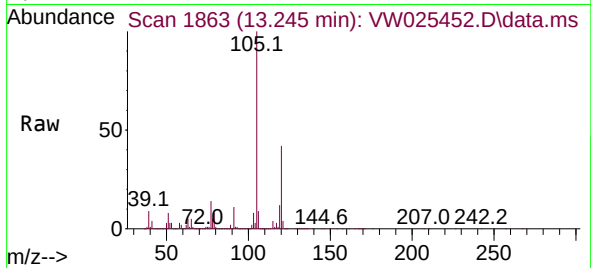




#63
1,2,4-Trimethylbenzene
Concen: 27.878 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

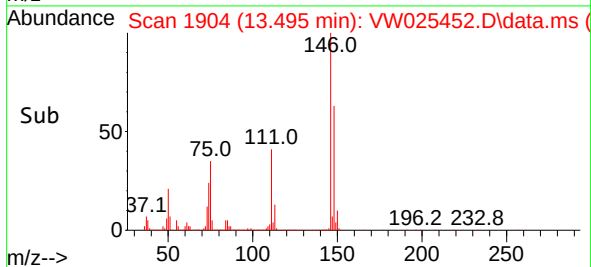
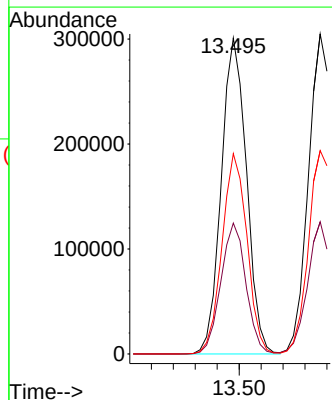
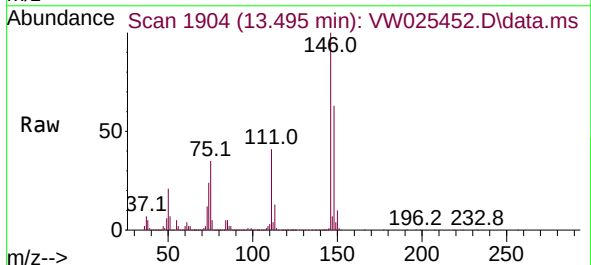
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

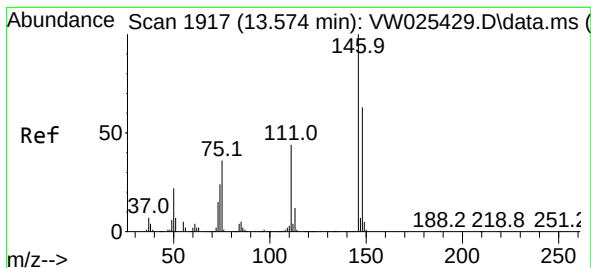
Tgt Ion:105 Resp: 925297
Ion Ratio Lower Upper
105 100
120 43.8 36.0 54.0



#64
1,3-Dichlorobenzene
Concen: 26.664 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion:146 Resp: 480637
Ion Ratio Lower Upper
146 100
111 41.4 29.7 55.1
148 63.4 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 26.091 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

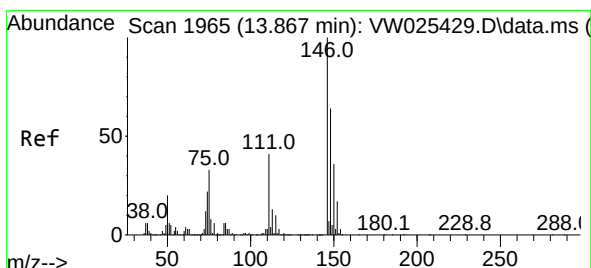
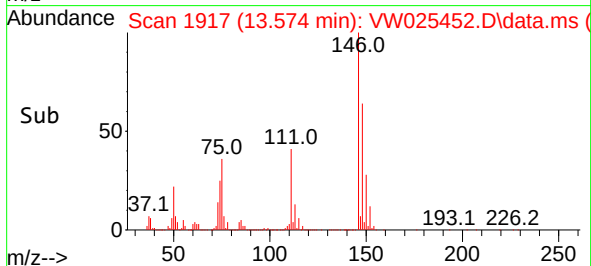
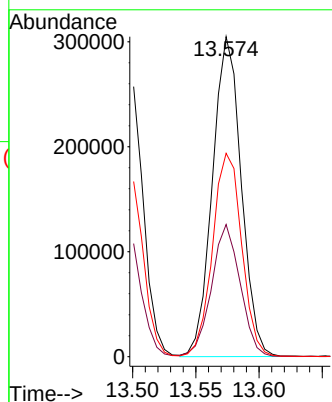
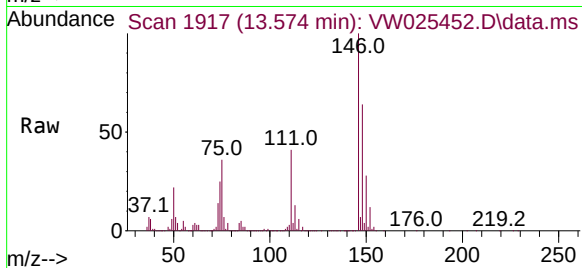
Tgt Ion:146 Resp: 482419

Ion Ratio Lower Upper

146 100

111 41.3 28.2 52.4

148 63.6 39.8 73.8



#67

1,2-Dichlorobenzene

Concen: 26.378 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

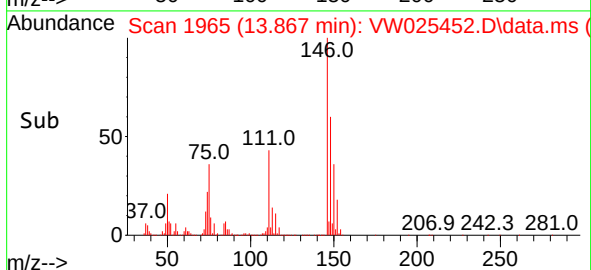
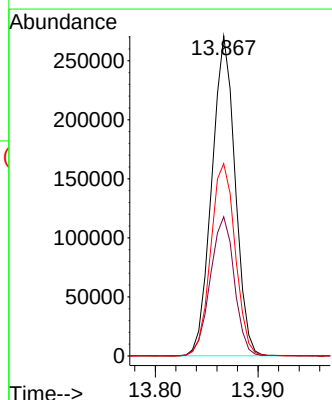
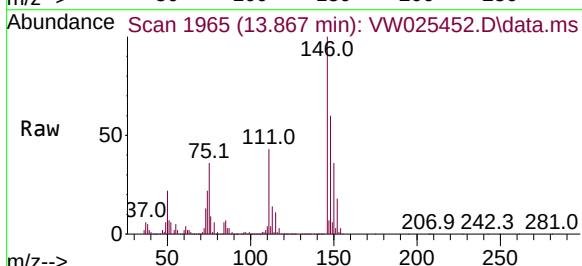
Tgt Ion:146 Resp: 426455

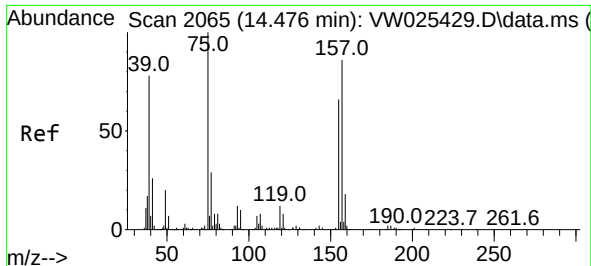
Ion Ratio Lower Upper

146 100

111 43.5 36.6 54.8

148 60.1 53.4 80.2





#68

1,2-Dibromo-3-chloropropane

Concen: 22.589 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

Instrument :

MSVOA_W

ClientSampleId :

VSTD025553

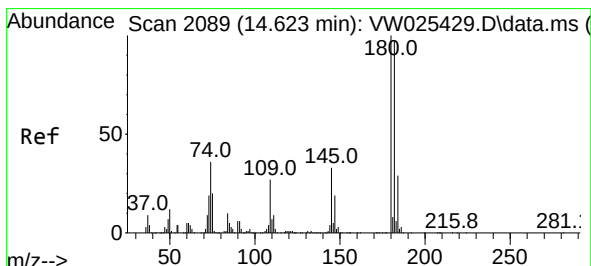
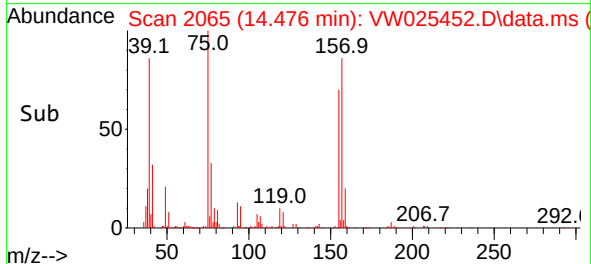
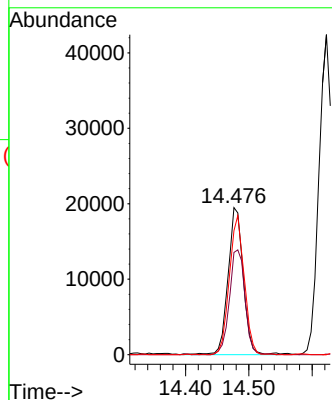
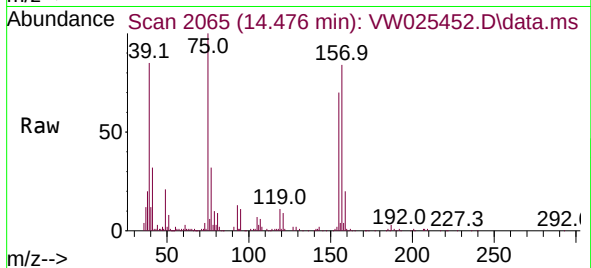
Tgt Ion: 75 Resp: 32514

Ion Ratio Lower Upper

75 100

155 69.5 55.4 83.0

157 84.2 75.3 112.9



#69

1,3,5-Trichlorobenzene

Concen: 25.018 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025452.D

Acq: 20 Mar 2023 18:49

Tgt Ion:180 Resp: 306552

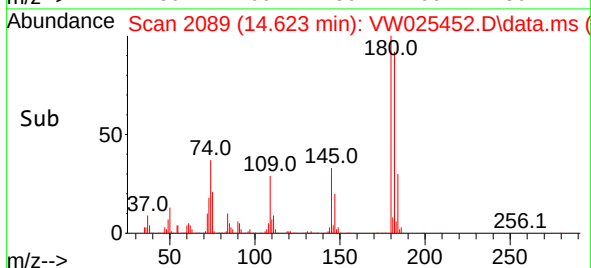
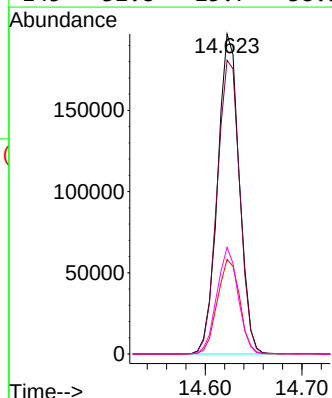
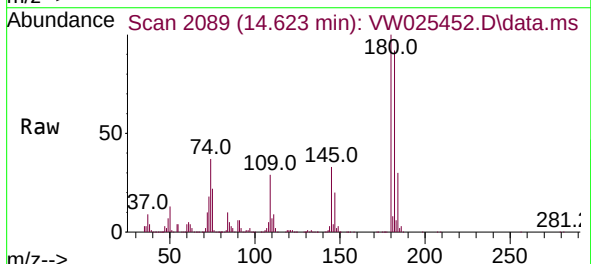
Ion Ratio Lower Upper

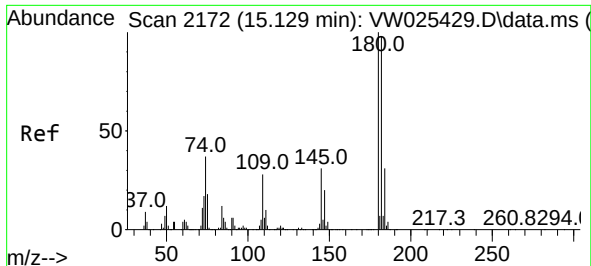
180 100

182 95.9 77.1 115.7

184 30.4 24.7 37.1

145 32.8 25.7 38.5

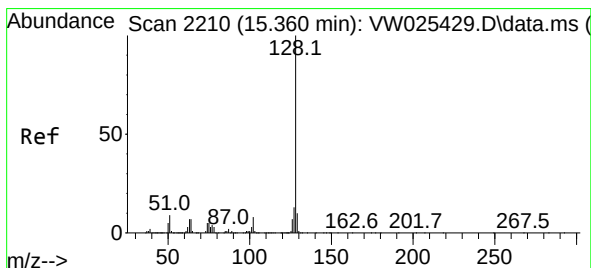
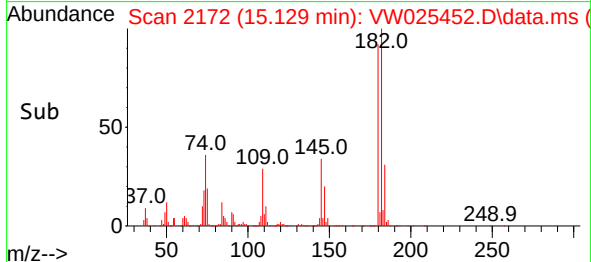
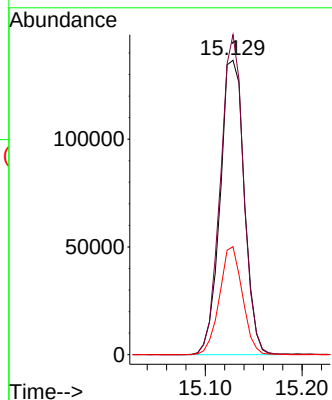
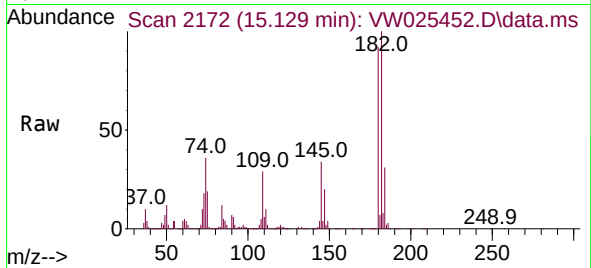




#70
1,2,4-trichlorobenzene
Concen: 23.343 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

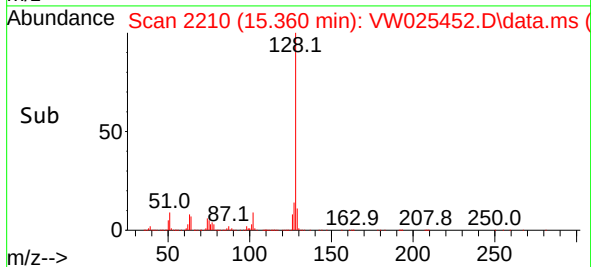
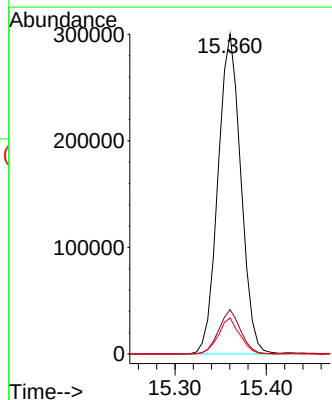
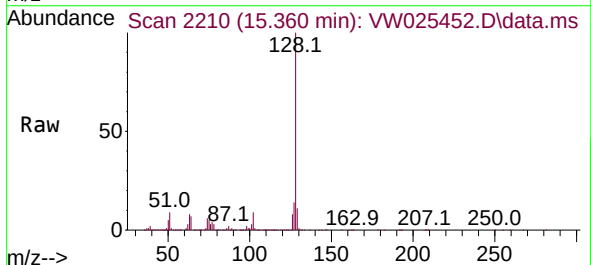
Instrument :
MSVOA_W
ClientSampleId :
VSTD025553

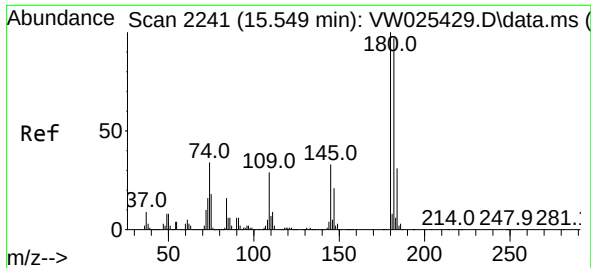
Tgt Ion:180 Resp: 237153
Ion Ratio Lower Upper
180 100
182 104.1 75.5 113.3
145 34.9 25.2 37.8



#71
Naphthalene
Concen: 26.026 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW025452.D
Acq: 20 Mar 2023 18:49

Tgt Ion:128 Resp: 521943
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 25.322 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025452.D
 Acq: 20 Mar 2023 18:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025553

Tgt Ion:180 Resp: 231071
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.6 114.8
 145 34.2 27.7 41.5

