

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070723\
 Data File : VW026555.D
 Acq On : 07 Jul 2023 08:52
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: Jul 08 05:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	777787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	670419	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	334683	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	267775	22.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.600%
7) Chloroethane-d5	2.893	69	203928	21.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
11) 1,1-Dichloroethene-d2	4.021	65	130913	23.999	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.000%
21) 2-Butanone-d5	7.075	46	178802	39.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.920%
24) Chloroform-d	7.648	84	518602	22.632	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	8.301	65	285012	21.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.520%
32) Benzene-d6	8.276	84	1070894	25.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	9.270	67	333141	24.445	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	10.319	98	943784	24.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.360%
43) trans-1,3-Dichloroprop...	10.575	79	132940	24.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.200%
47) 2-Hexanone-d5	10.922	63	116311	42.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	262363	22.002	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	287746	21.648	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	223236	25.182	ug/L	95
3) Chloromethane	2.223	50	282393	19.699	ug/L	98
5) Vinyl chloride	2.369	62	294217	20.839	ug/L	98
6) Bromomethane	2.783	94	154839	18.784	ug/L	99
8) Chloroethane	2.930	64	170305	20.025	ug/L	99
9) Trichlorofluoromethane	3.265	101	197926	21.809	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	246170	23.199	ug/L	98
12) 1,1-Dichloroethene	4.039	96	232348	23.674	ug/L	94
13) Acetone	4.119	43	129201	46.561	ug/L	100
14) Carbon disulfide	4.387	76	710371	22.799	ug/L	99
16) Methylene chloride	4.917	84	260744	18.812	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	245606	22.237	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	404199	20.931	ug/L	99
19) 1,1-Dichloroethane	6.216	63	512594	21.551	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	270481	21.345	ug/L	95
22) 2-Butanone	7.167	43	200717	38.864	ug/L	99
23) Bromochloromethane	7.514	128	110553	21.066	ug/L	92
25) Chloroform	7.673	83	474337	22.253	ug/L	98
27) 1,2-Dichloroethane	8.398	62	325403	20.718	ug/L	99

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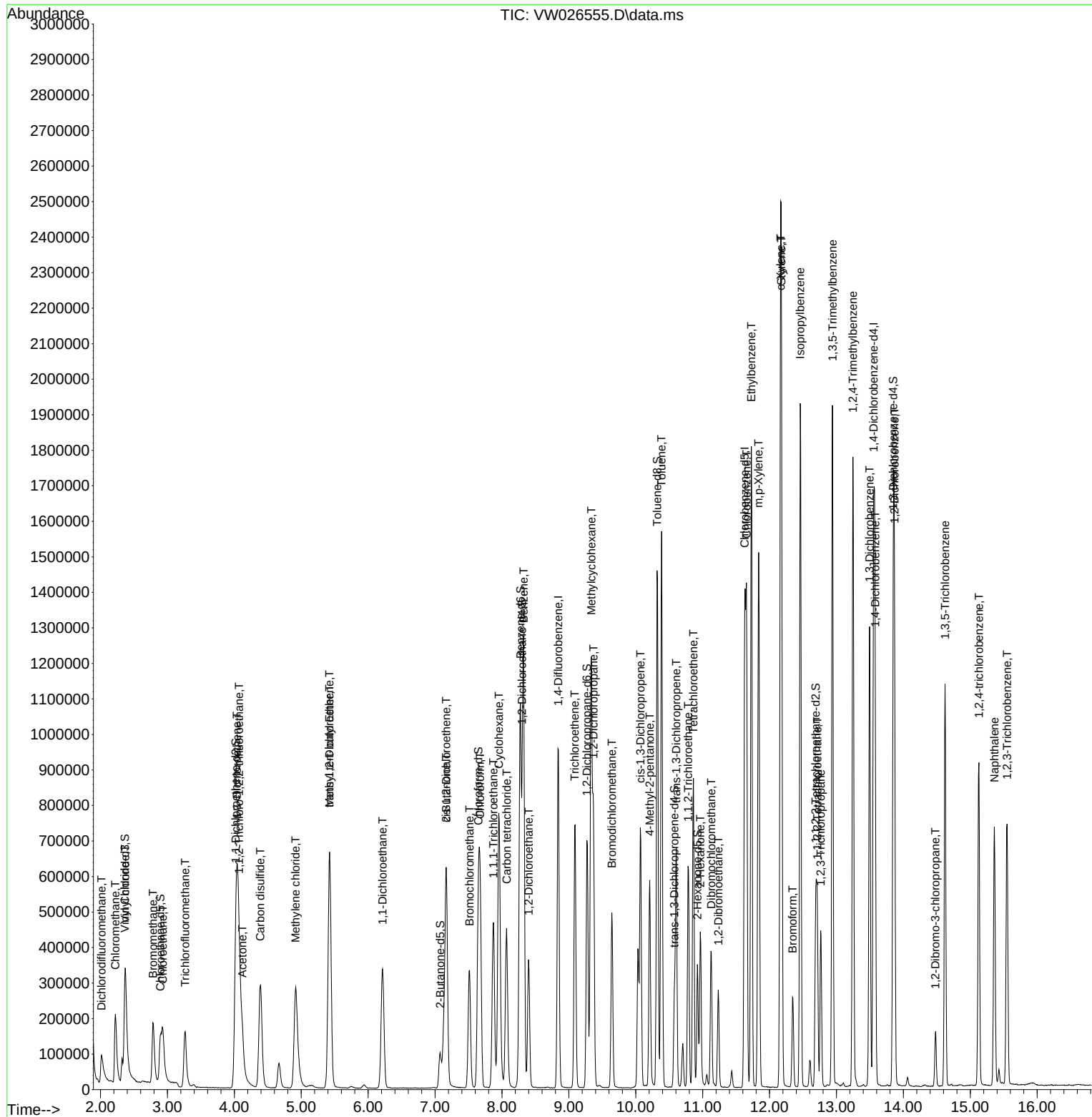
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	477533	25.568	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	378890	25.119	ug/L	99
31) Carbon tetrachloride	8.069	117	335516	24.672	ug/L	99
33) Benzene	8.325	78	1064641	24.521	ug/L	100
34) Trichloroethene	9.087	95	269680	24.352	ug/L	96
35) Methylcyclohexane	9.337	83	484072	25.591	ug/L	100
37) 1,2-Dichloropropane	9.368	63	288160	24.226	ug/L	100
38) Bromodichloromethane	9.642	83	324940	23.152	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	425886	24.283	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	409039	44.441	ug/L	100
42) Toluene	10.386	91	1092274	24.716	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	352086	23.954	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	195291	22.335	ug/L	97
46) Tetrachloroethene	10.861	164	188048	24.200	ug/L	93
48) 2-Hexanone	10.965	43	289988	45.183	ug/L	98
49) Dibromochloromethane	11.130	129	201943	23.052	ug/L	99
50) 1,2-Dibromoethane	11.233	107	184745	23.039	ug/L	96
51) Chlorobenzene	11.654	112	663243	22.961	ug/L	96
52) Ethylbenzene	11.727	91	1254966	24.048	ug/L	98
53) m,p-Xylene	11.837	106	464542	24.345	ug/L	94
54) o-Xylene	12.166	106	433865	23.467	ug/L	98
55) Styrene	12.178	104	740192	23.411	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	249748	21.818	ug/L	99
59) Bromoform	12.343	173	115426	21.986	ug/L	97
60) Isopropylbenzene	12.459	105	1207256	23.519	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	185839	21.313	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	975712	23.053	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	971148	23.853	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	497612	22.786	ug/L	98
65) 1,4-Dichlorobenzene	13.580	146	489973	22.500	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	442917	21.529	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	40965	18.630	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	319070	21.964	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	270646	22.839	ug/L	100
71) Naphthalene	15.360	128	601845	22.694	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	234563	22.154	ug/L	97

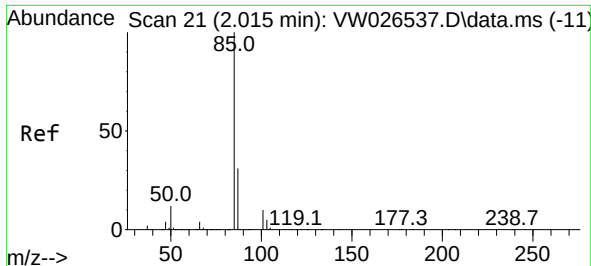
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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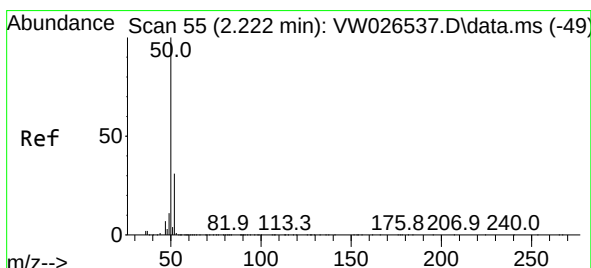
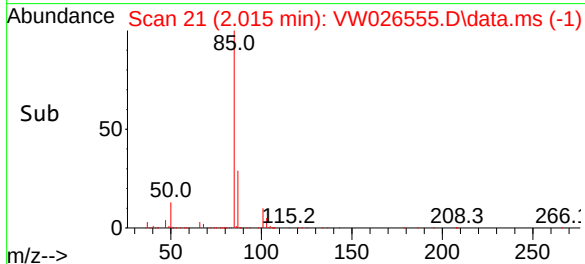
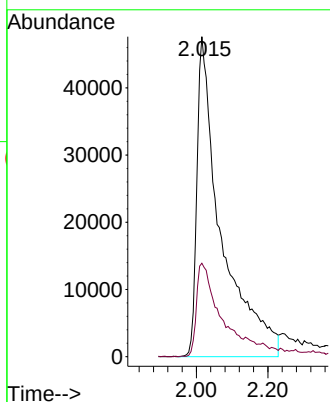
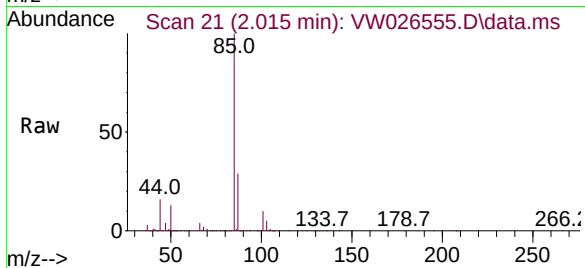




#2
 Dichlorodifluoromethane
 Concen: 25.182 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026555.D
 Acq: 07 Jul 2023 08:52

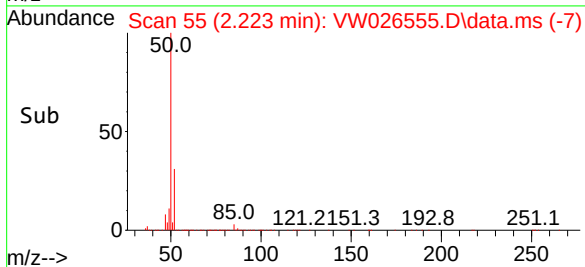
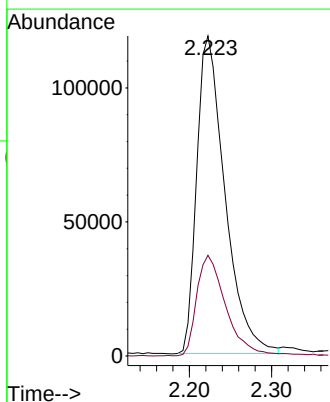
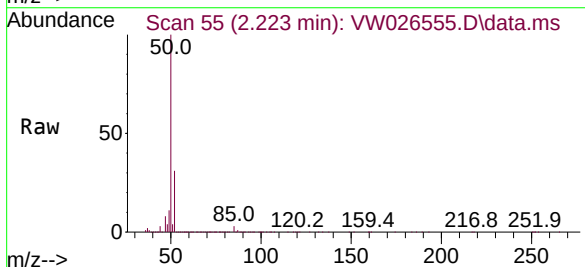
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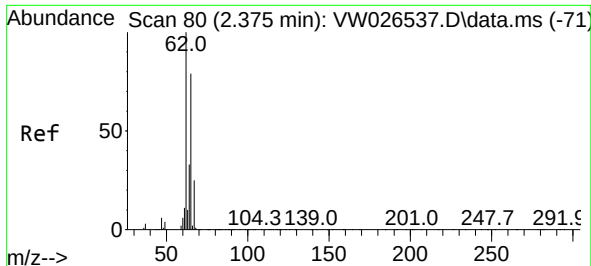
Tgt Ion: 85 Resp: 223236
 Ion Ratio Lower Upper
 85 100
 87 27.0 23.8 35.8



#3
 Chloromethane
 Concen: 19.699 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW026555.D
 Acq: 07 Jul 2023 08:52

Tgt Ion: 50 Resp: 282393
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.7 42.1

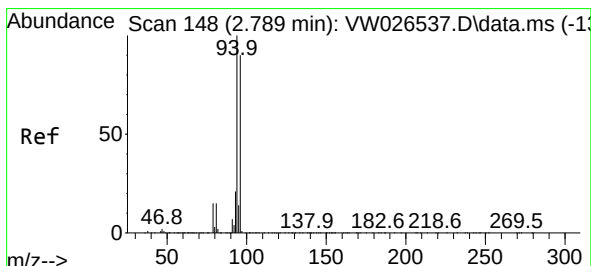
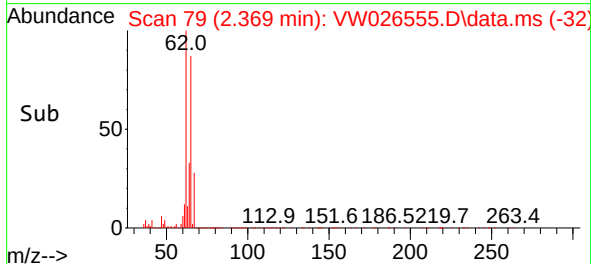
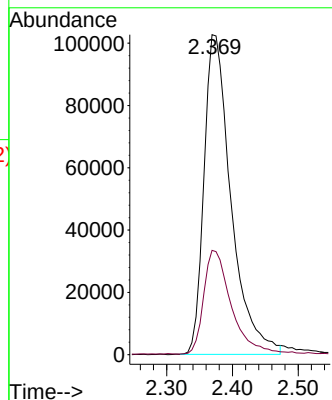
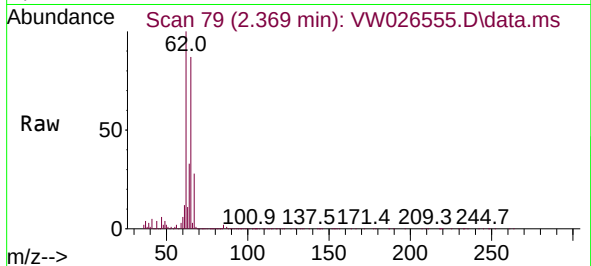




#5
 Vinyl chloride
 Concen: 20.839 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: VW026555.D
 Acq: 07 Jul 2023 08:52

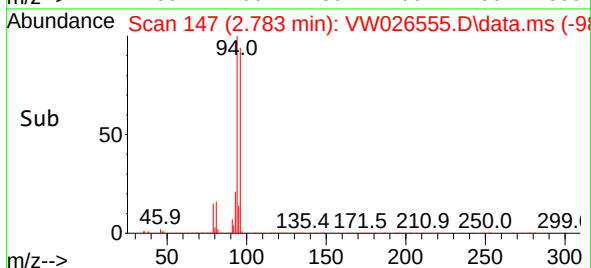
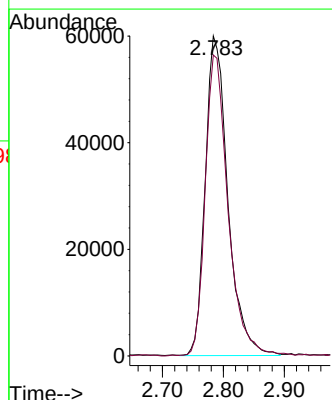
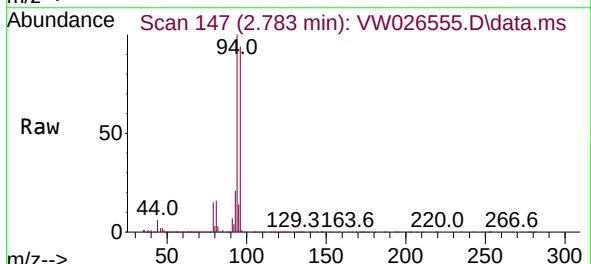
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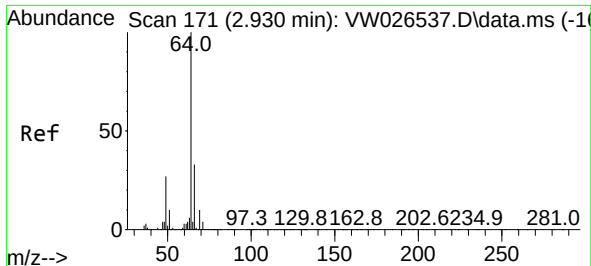
Tgt Ion: 62 Resp: 294217
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.1 41.1



#6
 Bromomethane
 Concen: 18.784 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW026555.D
 Acq: 07 Jul 2023 08:52

Tgt Ion: 94 Resp: 154839
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.3 123.1

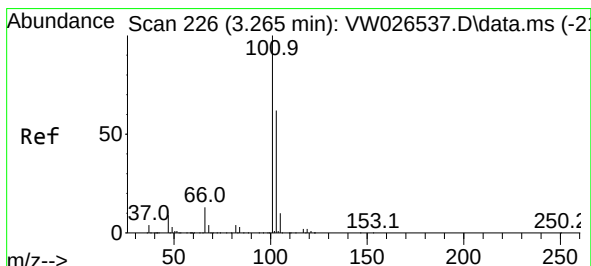
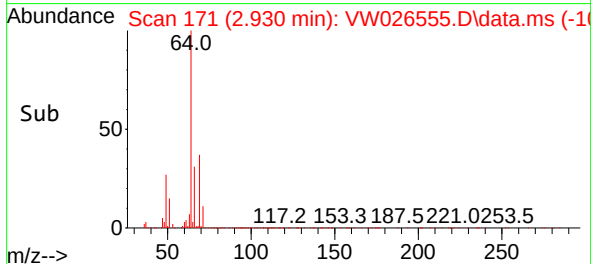
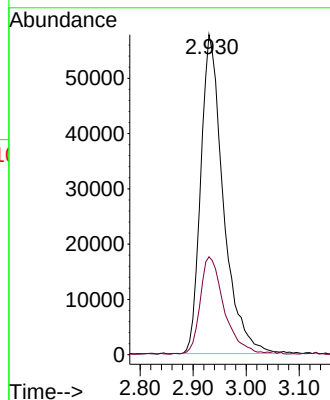
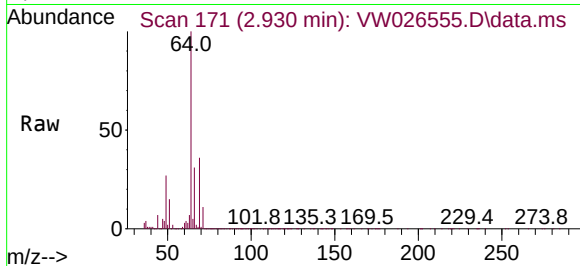




#8
Chloroethane
Concen: 20.025 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

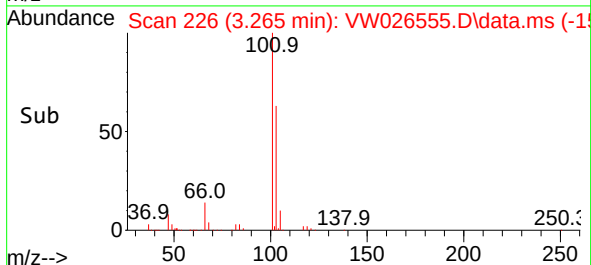
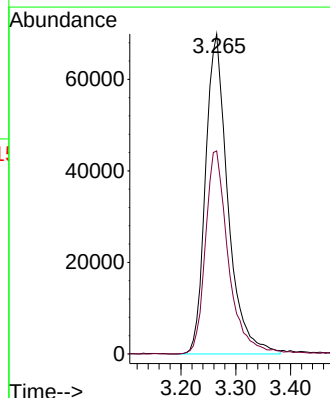
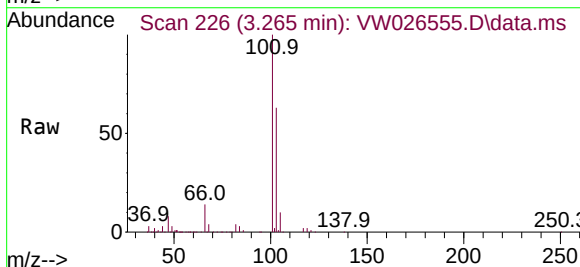
Instrument :
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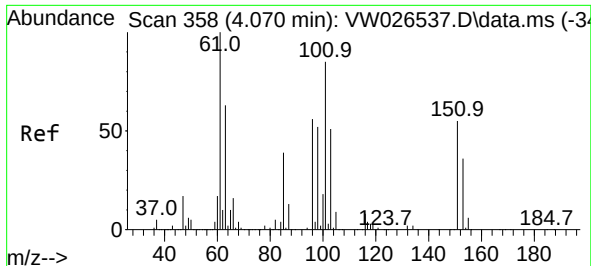
Tgt Ion: 64 Resp: 170305
Ion Ratio Lower Upper
64 100
66 30.6 21.6 40.2



#9
Trichlorofluoromethane
Concen: 21.809 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 101 Resp: 197926
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

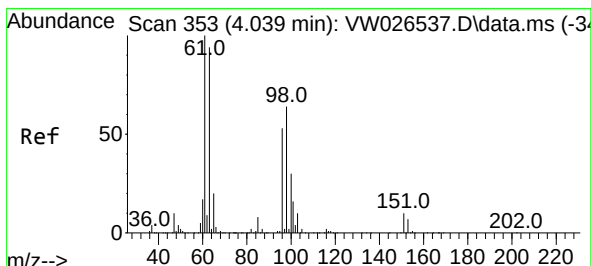
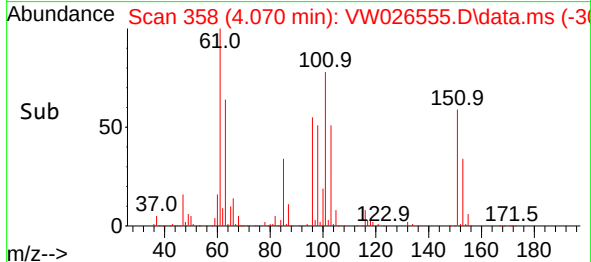
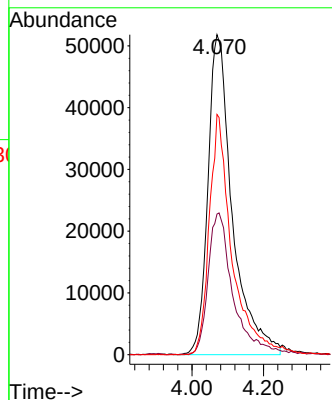
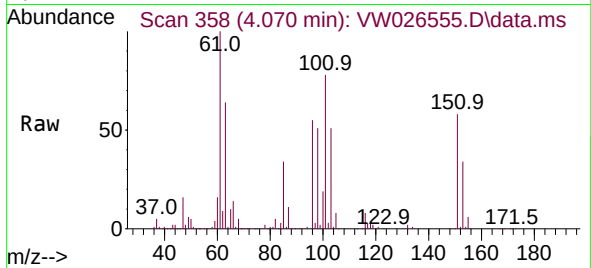




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.199 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VW026555.D
 Acq: 07 Jul 2023 08:52

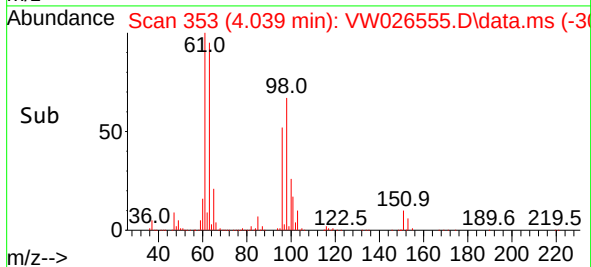
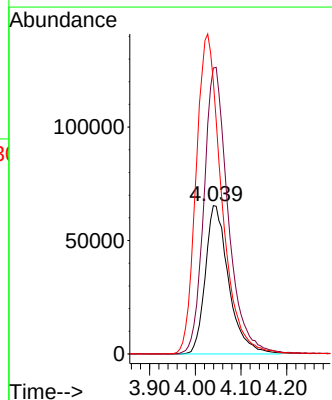
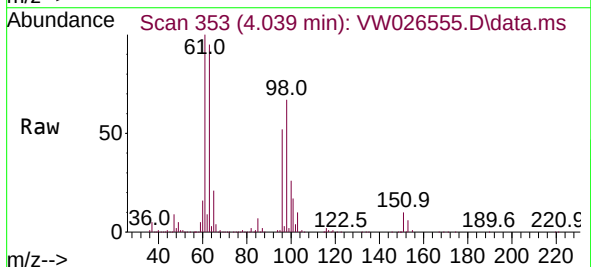
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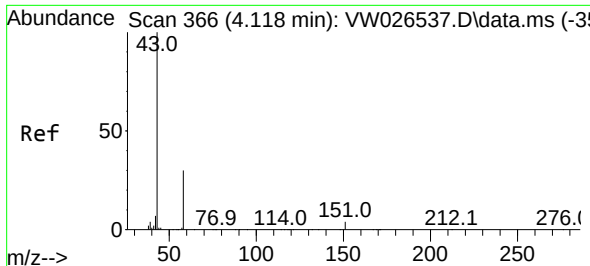
Tgt Ion:101 Resp: 246170
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.4 53.0
 151 68.9 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 23.674 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW026555.D
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Tgt Ion: 96 Resp: 232348
 Ion Ratio Lower Upper
 96 100
 61 192.7 142.9 265.5
 63 183.7 132.7 246.5

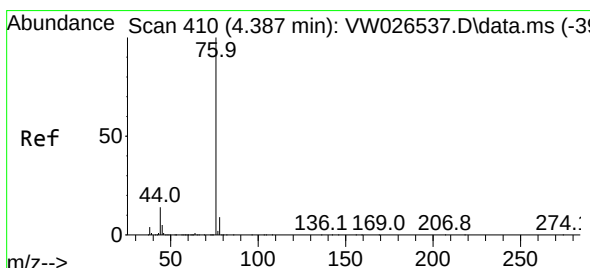
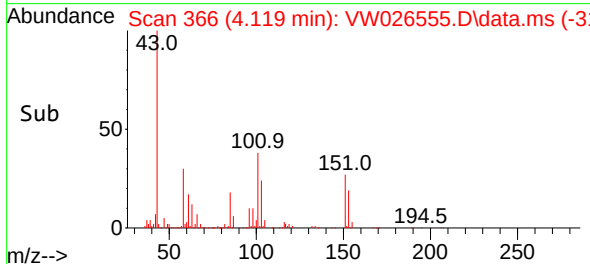
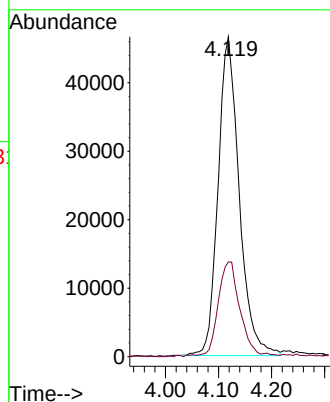
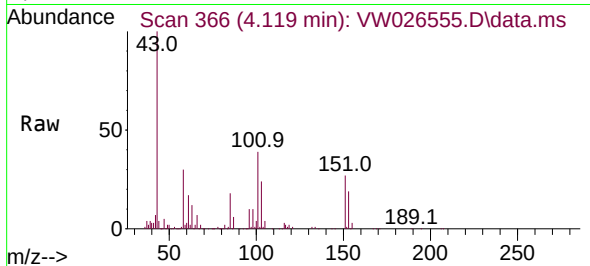




#13
Acetone
Concen: 46.561 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

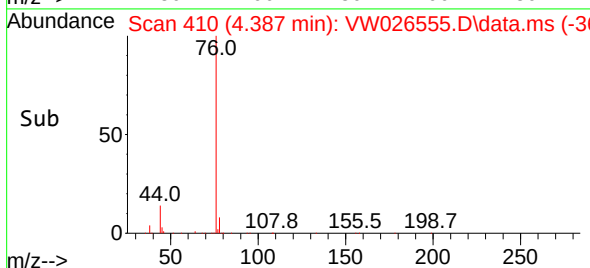
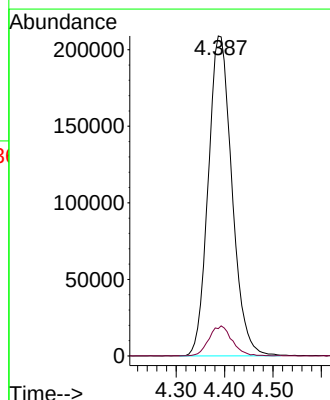
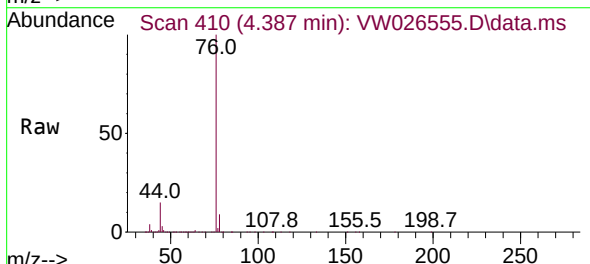
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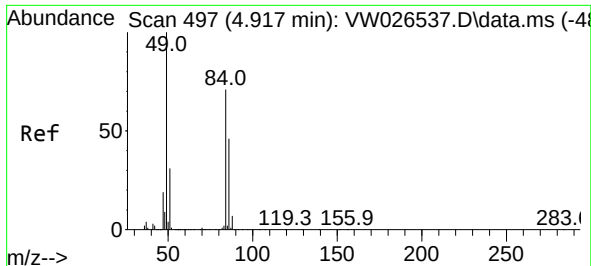
Tgt Ion: 43 Resp: 129201
Ion Ratio Lower Upper
43 100
58 29.8 0.0 59.6



#14
Carbon disulfide
Concen: 22.799 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
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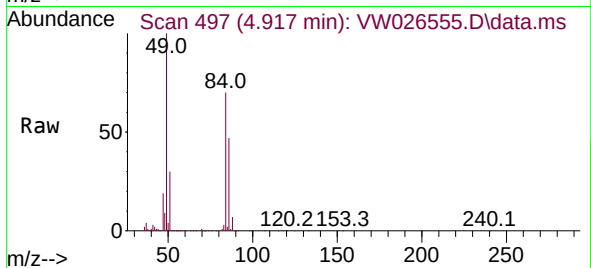
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Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



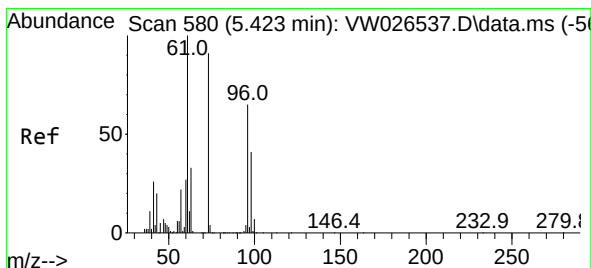
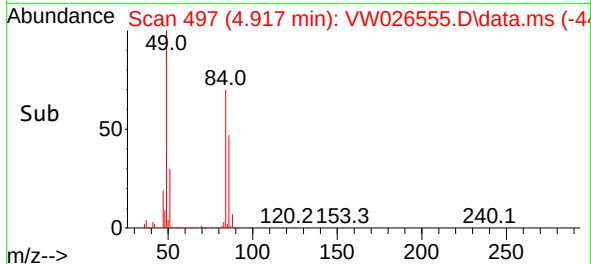
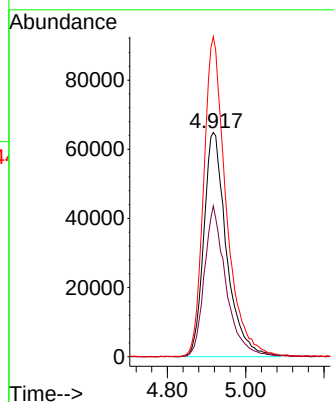


#16
Methylene chloride
Concen: 18.812 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

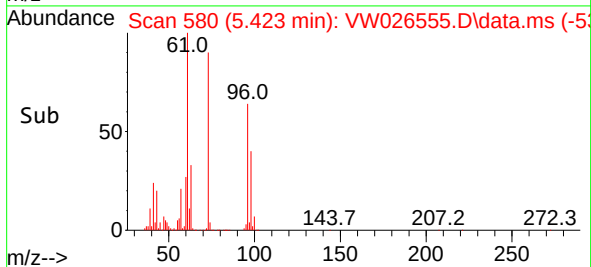
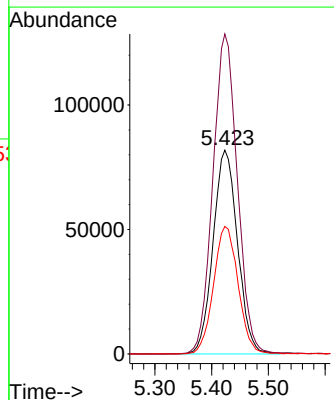
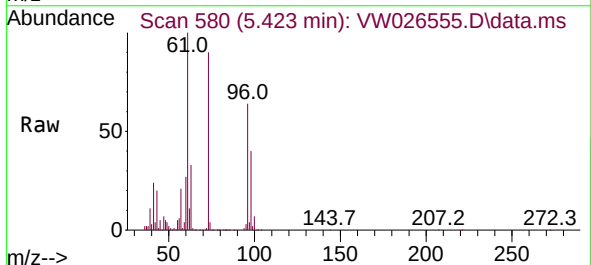


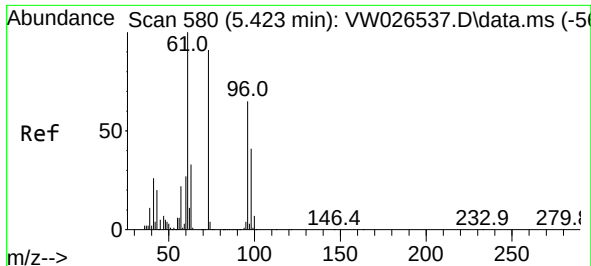
Tgt Ion: 84 Resp: 260744
Ion Ratio Lower Upper
84 100
86 67.2 43.3 80.5
49 142.7 99.3 184.3



#17
trans-1,2-Dichloroethene
Concen: 22.237 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

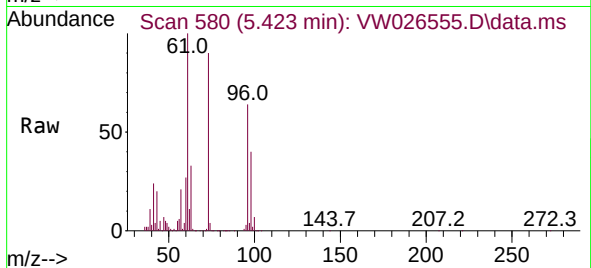
Tgt Ion: 96 Resp: 245606
Ion Ratio Lower Upper
96 100
61 157.0 109.7 203.7
98 62.5 42.5 78.9





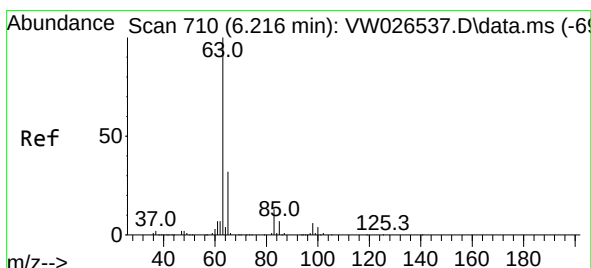
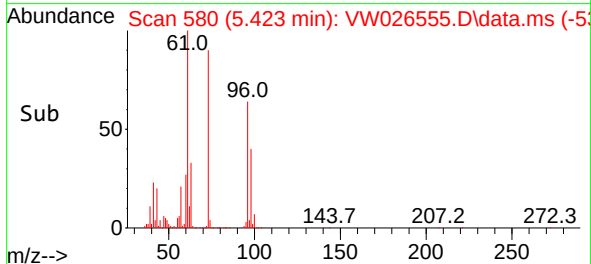
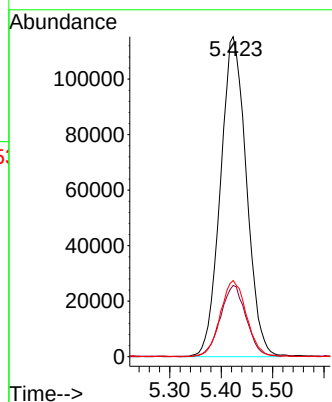
#18
Methyl tert-butyl Ether
Concen: 20.931 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025552



Tgt Ion: 73 Resp: 404199

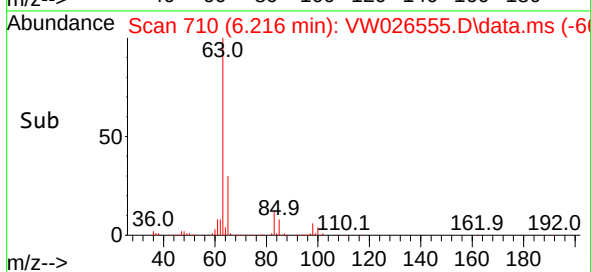
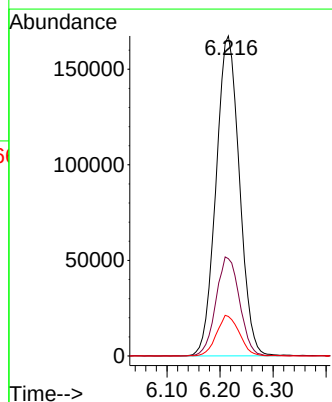
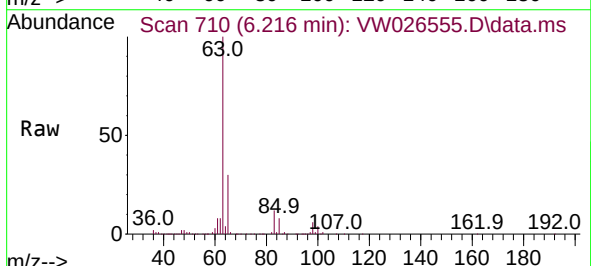
Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.8	26.8
57	23.9	18.8	28.2

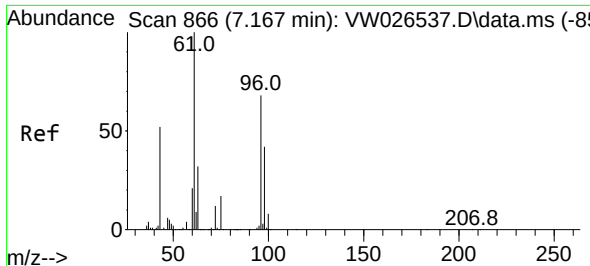


#19
1,1-Dichloroethane
Concen: 21.551 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 63 Resp: 512594

Ion	Ratio	Lower	Upper
63	100		
65	30.4	21.8	40.4
83	12.3	8.6	16.0

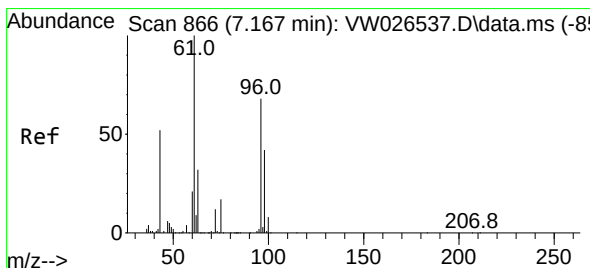
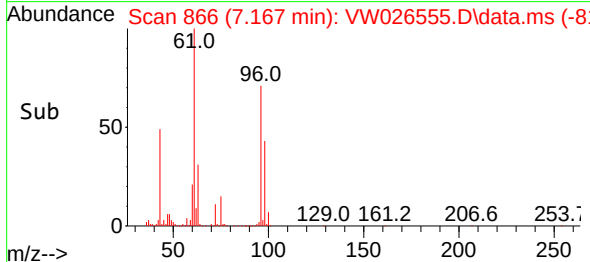
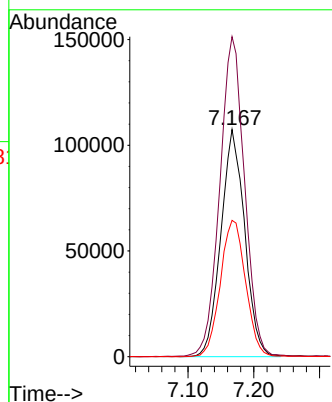
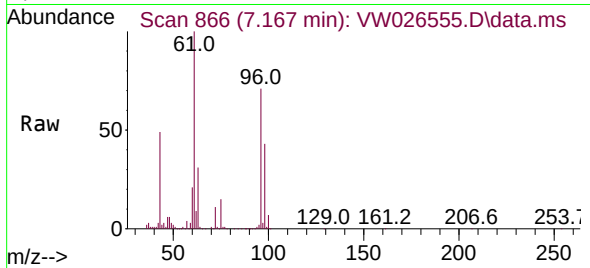




#20
cis-1,2-Dichloroethene
Concen: 21.345 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

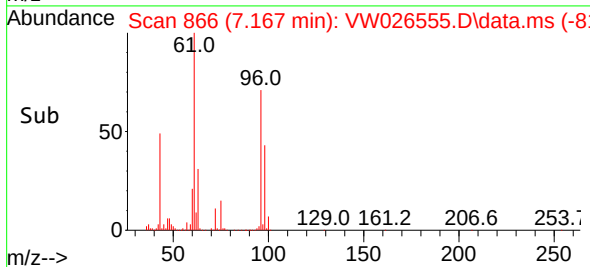
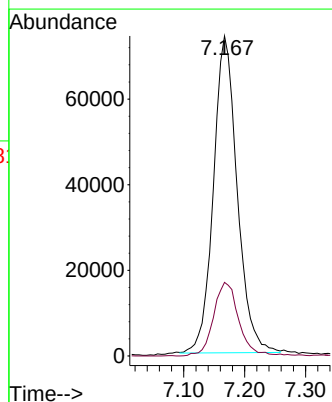
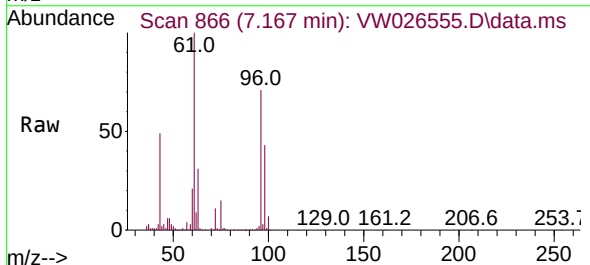
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

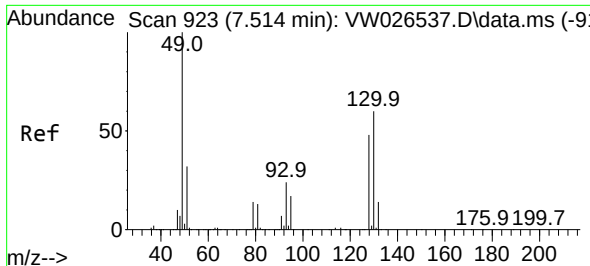
Tgt Ion: 96 Resp: 270481
Ion Ratio Lower Upper
96 100
61 140.9 101.9 189.3
98 60.0 45.9 85.3



#22
2-Butanone
Concen: 38.864 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 43 Resp: 200717
Ion Ratio Lower Upper
43 100
72 23.6 12.0 36.1

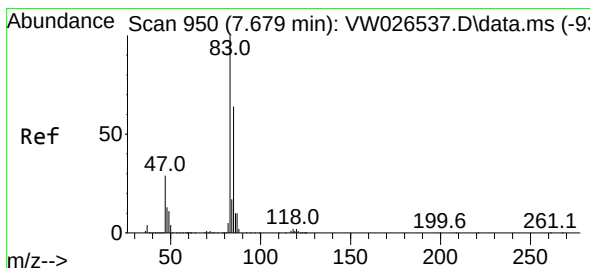
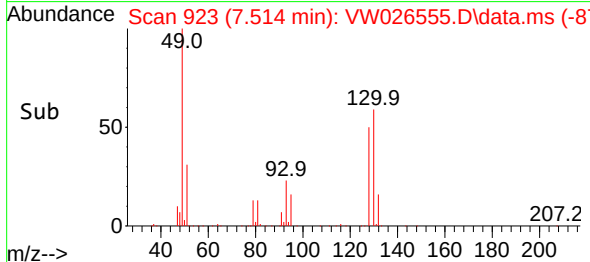
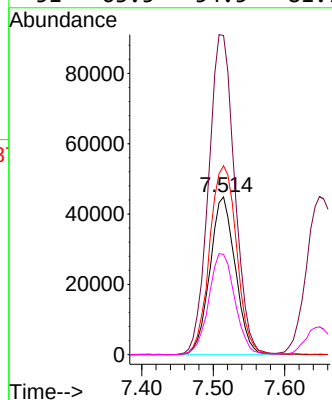
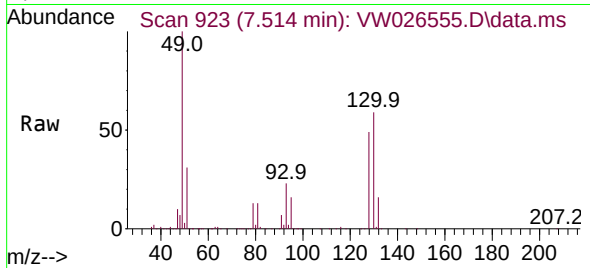




#23
Bromochloromethane
Concen: 21.066 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

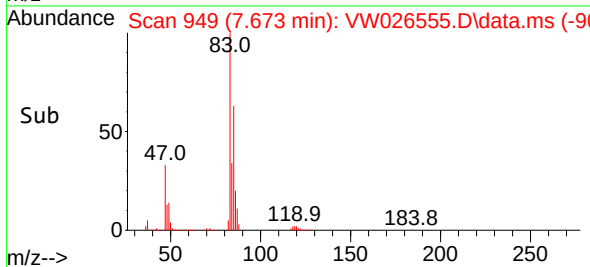
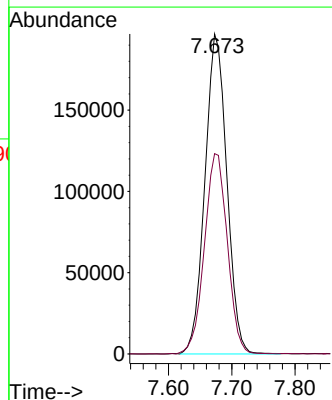
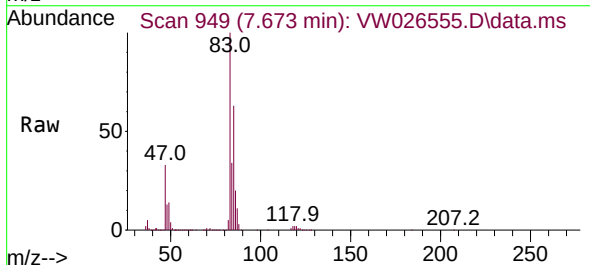
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

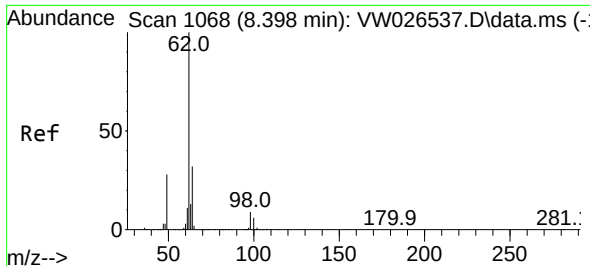
Tgt Ion:128 Resp: 110553
Ion Ratio Lower Upper
128 100
49 202.2 152.2 282.7
130 119.7 89.2 165.8
51 63.5 54.5 81.7



#25
Chloroform
Concen: 22.253 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 83 Resp: 474337
Ion Ratio Lower Upper
83 100
85 62.6 44.8 83.2

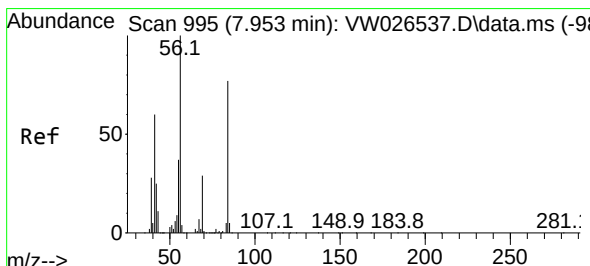
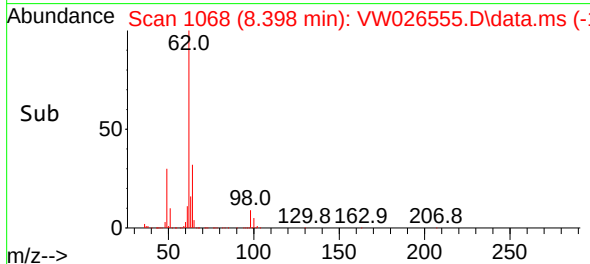
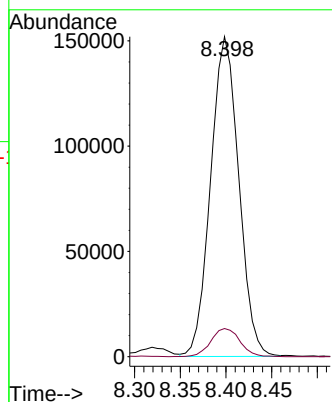
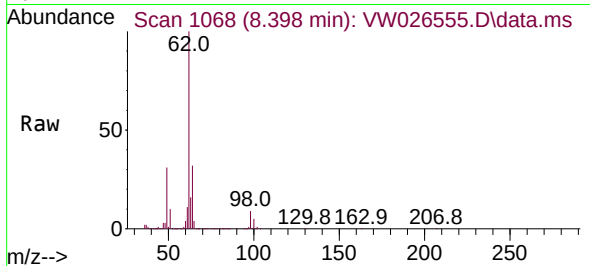




#27
1,2-Dichloroethane
Concen: 20.718 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

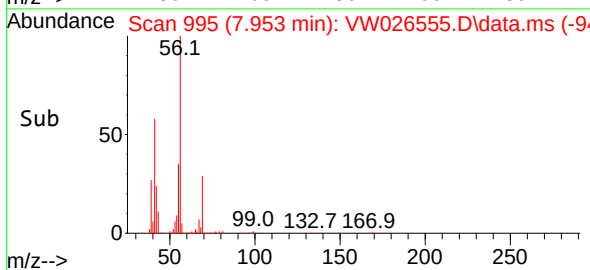
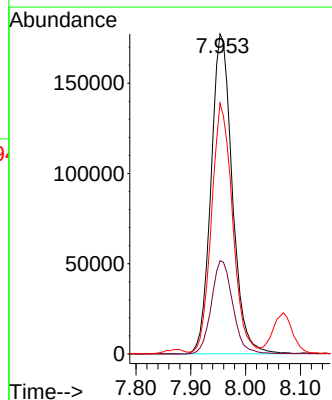
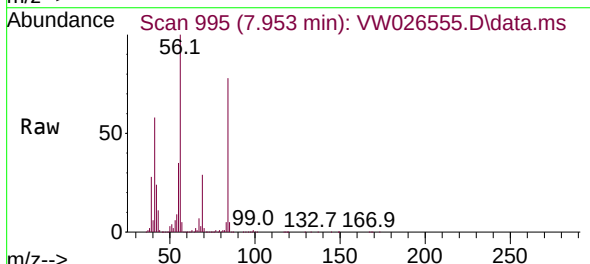
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

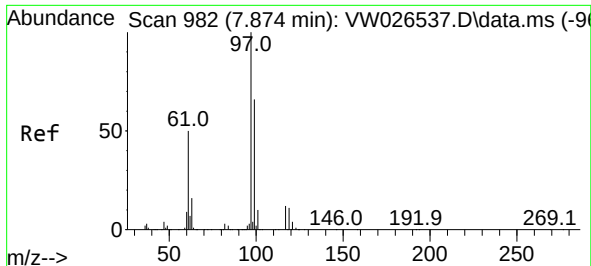
Tgt Ion: 62 Resp: 325403
Ion Ratio Lower Upper
62 100
98 8.8 6.8 10.2



#29
Cyclohexane
Concen: 25.568 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 56 Resp: 477533
Ion Ratio Lower Upper
56 100
69 29.3 22.9 34.3
84 77.5 62.5 93.7

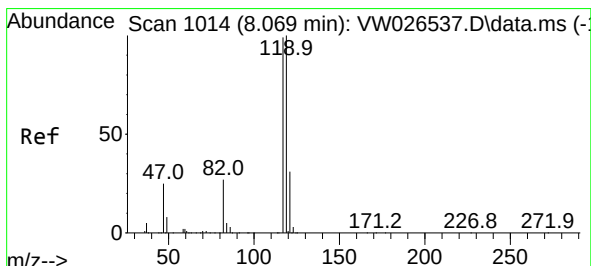
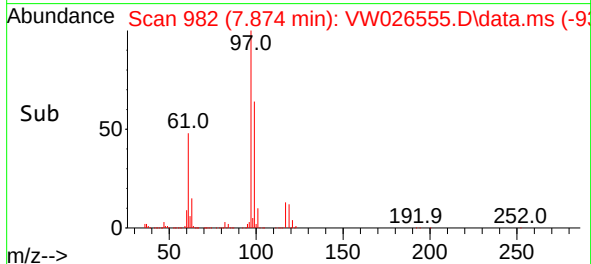
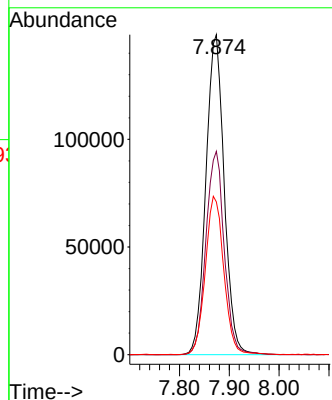
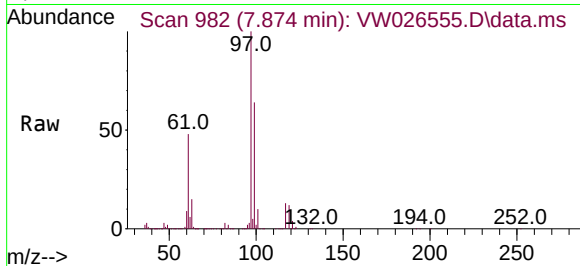




#30
1,1,1-Trichloroethane
Concen: 25.119 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

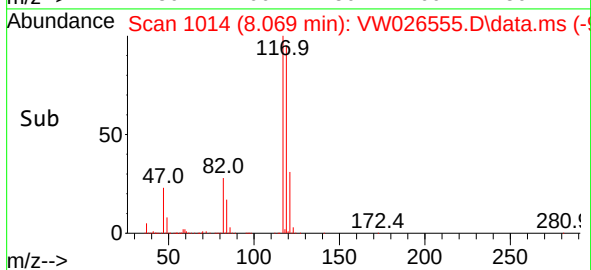
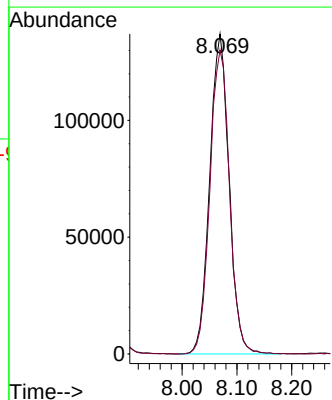
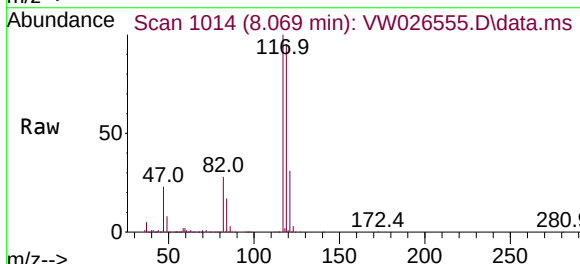
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

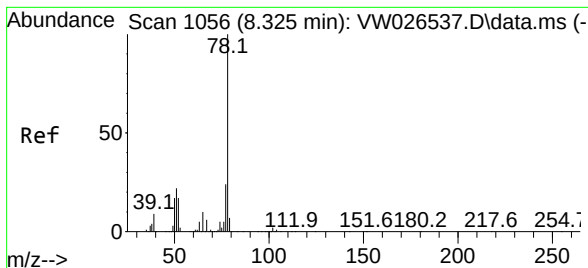
Tgt Ion: 97 Resp: 378890
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.2
61 49.9 40.2 60.2



#31
Carbon tetrachloride
Concen: 24.672 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 117 Resp: 335516
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5





#33

Benzene

Concen: 24.521 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

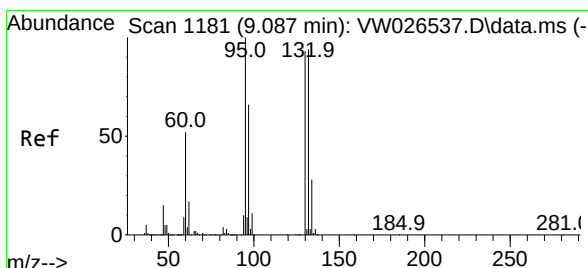
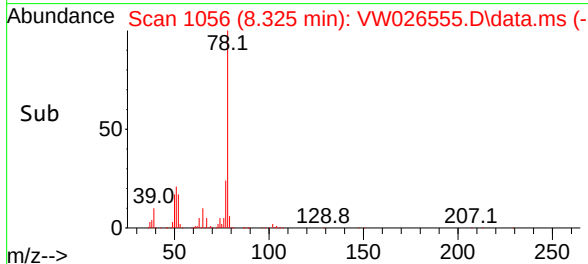
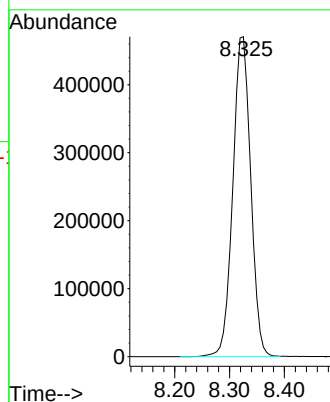
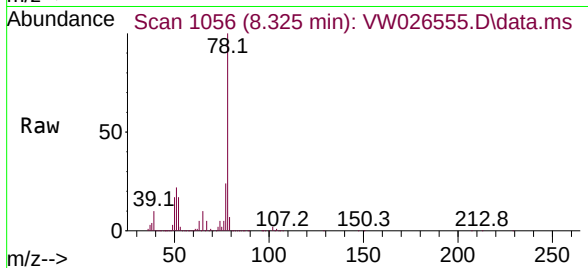
Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

Tgt Ion: 78 Resp: 1064641



#34

Trichloroethene

Concen: 24.352 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Tgt Ion: 95 Resp: 269680

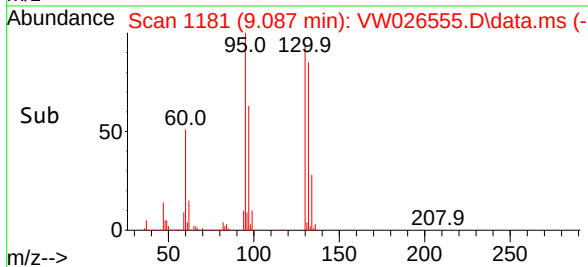
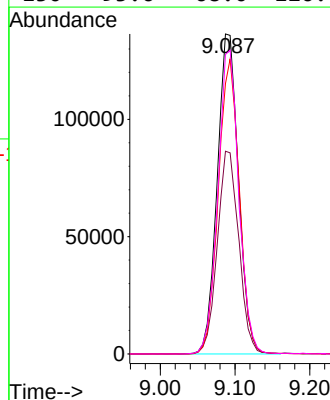
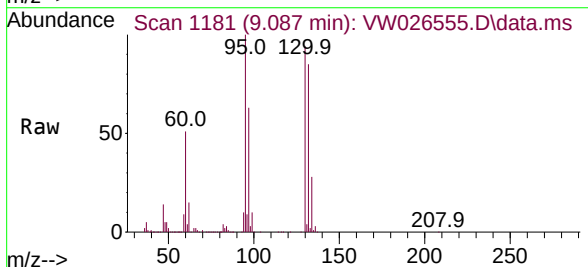
Ion Ratio Lower Upper

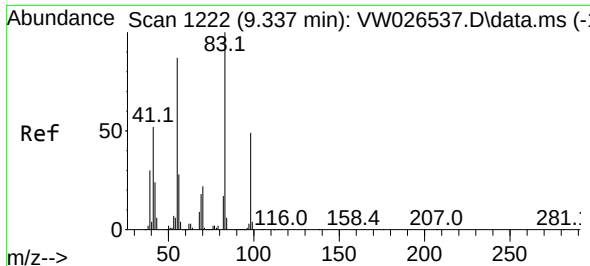
95 100

97 63.3 45.1 83.7

132 84.5 63.2 117.4

130 93.6 68.0 126.4

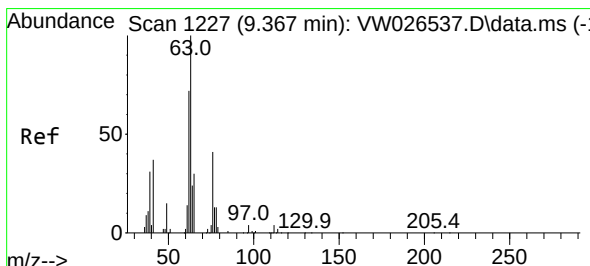
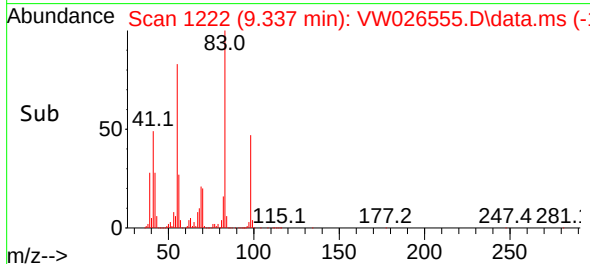
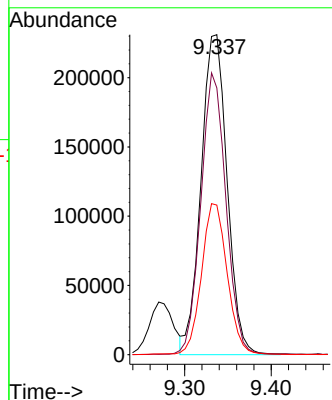
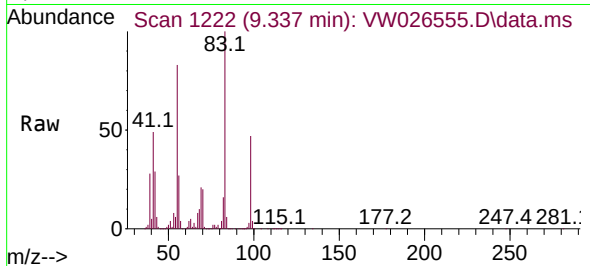




#35
Methylcyclohexane
Concen: 25.591 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

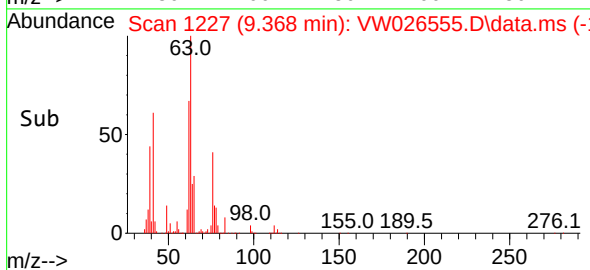
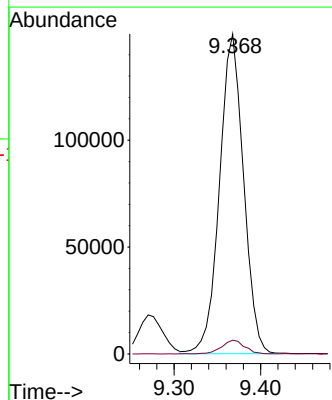
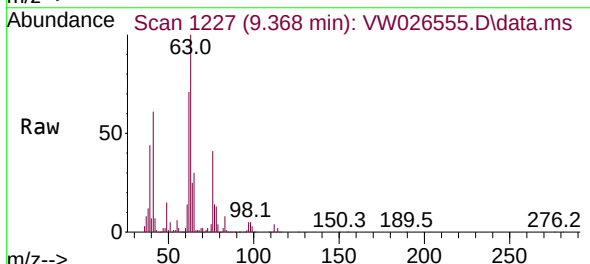
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

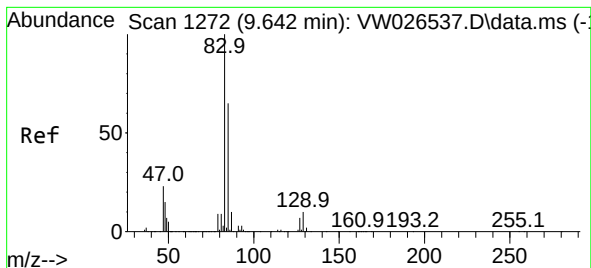
Tgt Ion: 83 Resp: 484072
Ion Ratio Lower Upper
83 100
55 84.7 67.5 101.3
98 46.5 37.3 55.9



#37
1,2-Dichloropropane
Concen: 24.226 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 63 Resp: 288160
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9





#38

Bromodichloromethane

Concen: 23.152 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

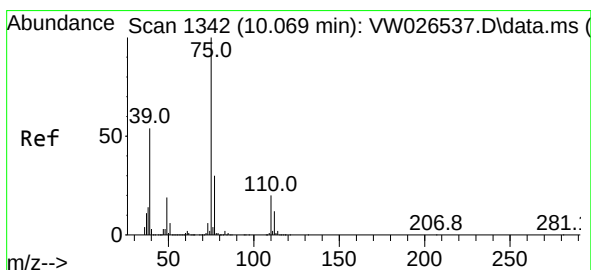
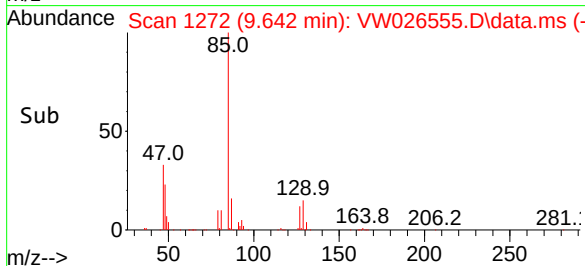
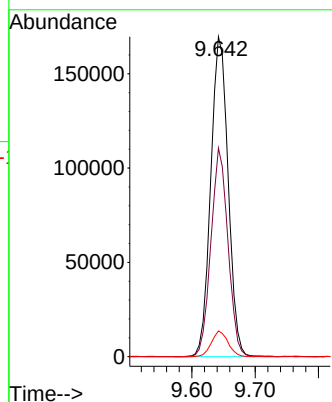
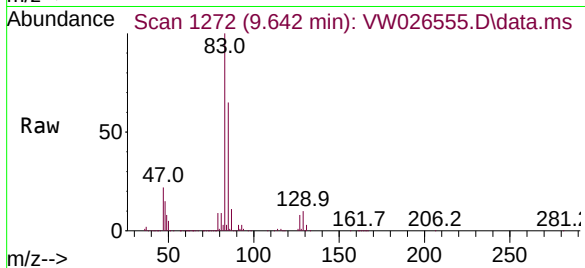
Tgt Ion: 83 Resp: 324940

Ion Ratio Lower Upper

83 100

85 65.2 45.4 84.2

127 8.0 5.2 7.8#



#39

cis-1,3-Dichloropropene

Concen: 24.283 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW026555.D

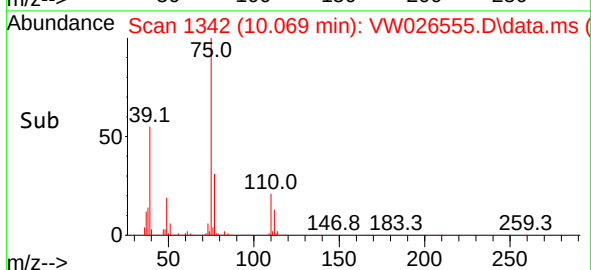
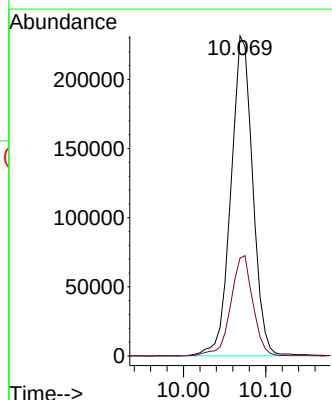
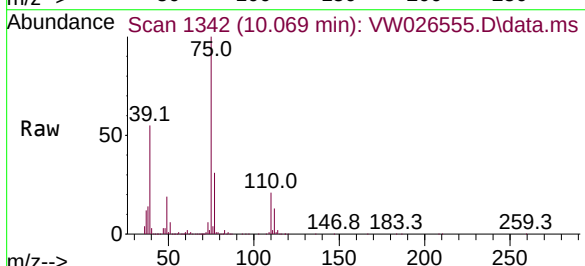
Acq: 07 Jul 2023 08:52

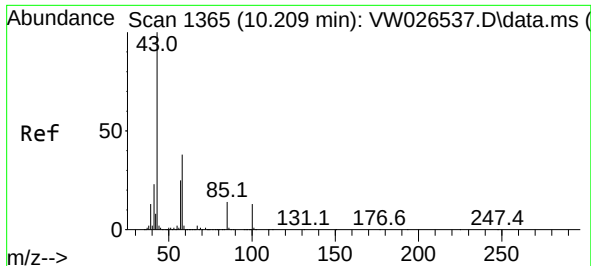
Tgt Ion: 75 Resp: 425886

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.0

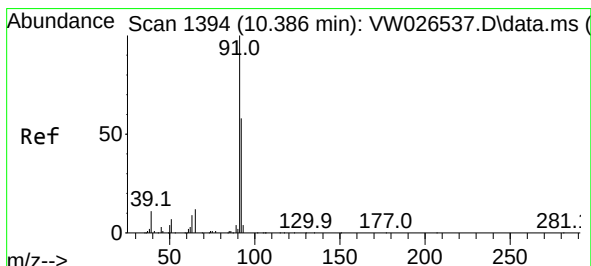
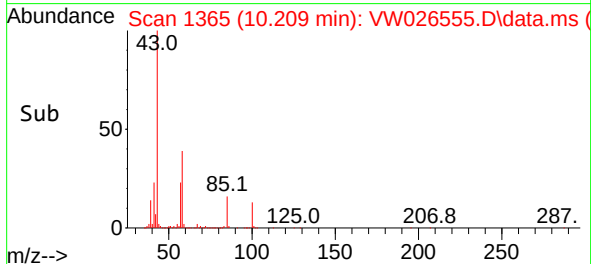
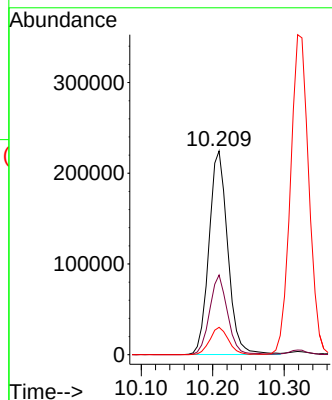
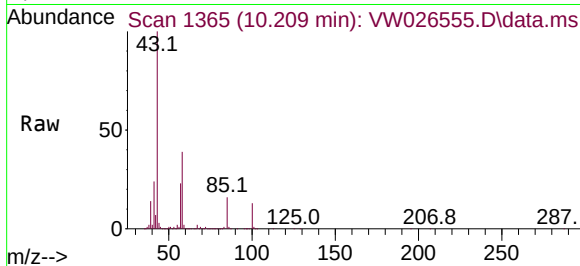




#40
4-Methyl-2-pentanone
Concen: 44.441 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

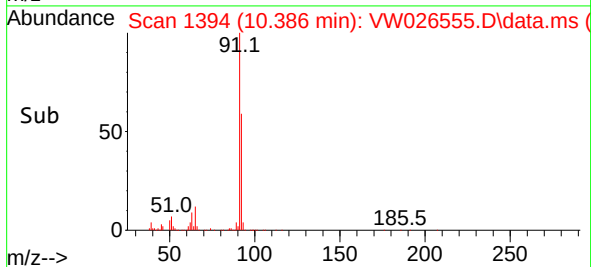
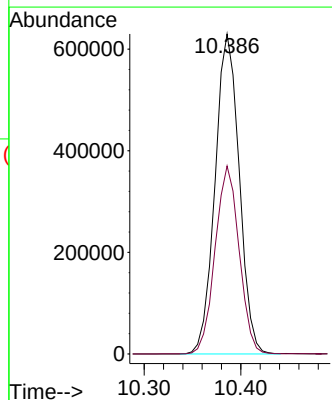
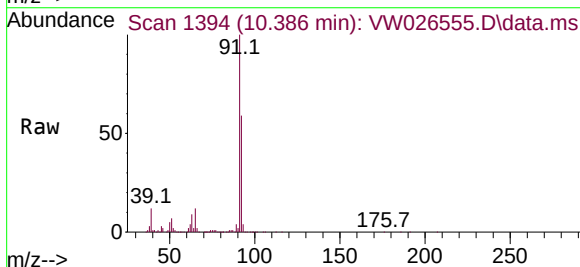
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

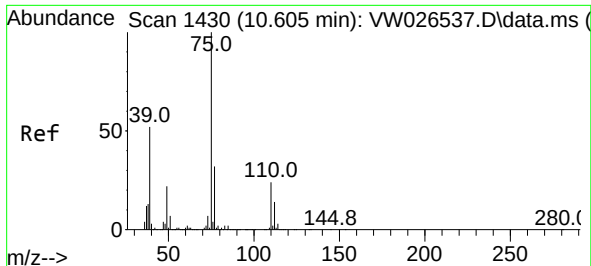
Tgt Ion: 43 Resp: 409039
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.8
100 13.4 10.6 15.8



#42
Toluene
Concen: 24.716 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 91 Resp: 1092274
Ion Ratio Lower Upper
91 100
92 58.8 42.4 78.8

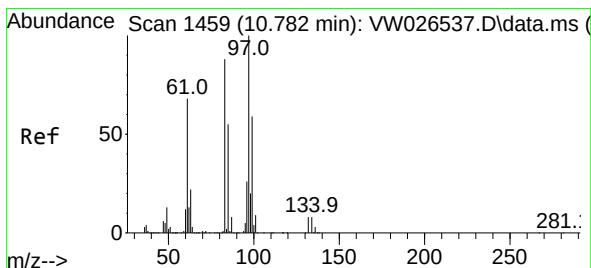
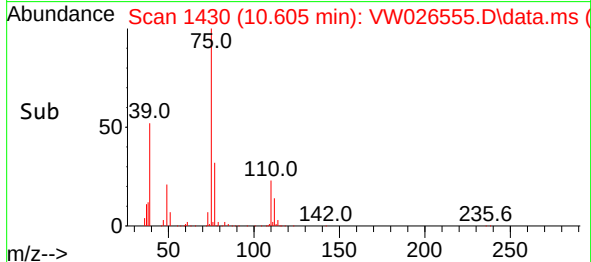
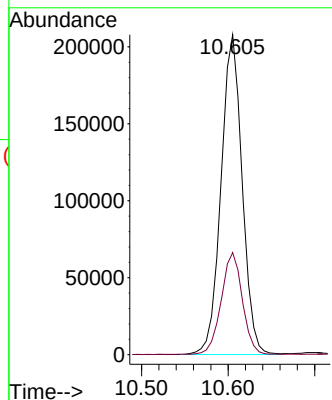
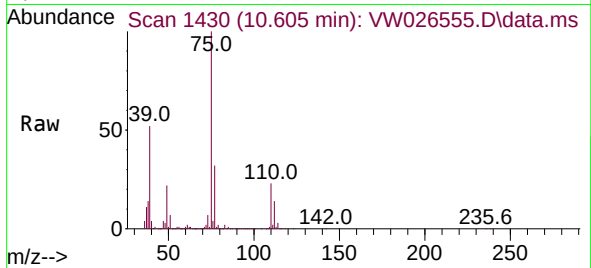




#44
trans-1,3-Dichloropropene
Concen: 23.954 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

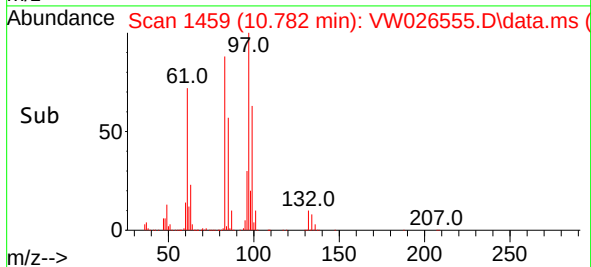
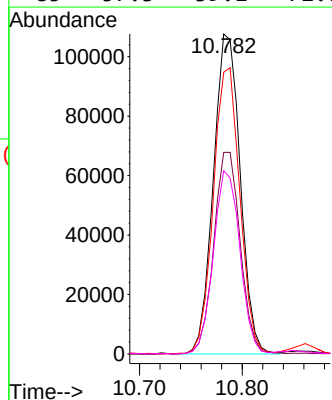
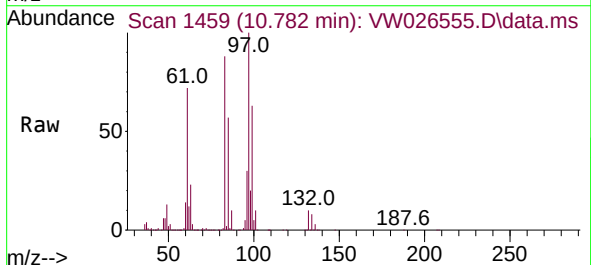
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

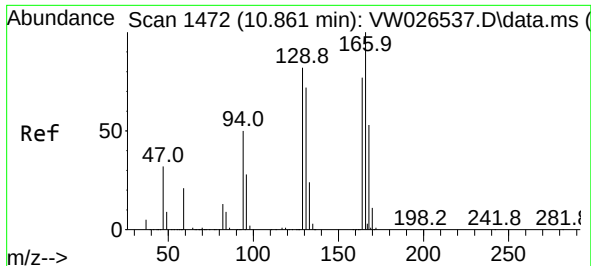
Tgt Ion: 75 Resp: 352086
Ion Ratio Lower Upper
75 100
77 31.9 22.6 42.0



#45
1,1,2-Trichloroethane
Concen: 22.335 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 97 Resp: 195291
Ion Ratio Lower Upper
97 100
99 63.0 42.1 78.1
83 88.0 59.9 111.3
85 57.3 39.1 72.7



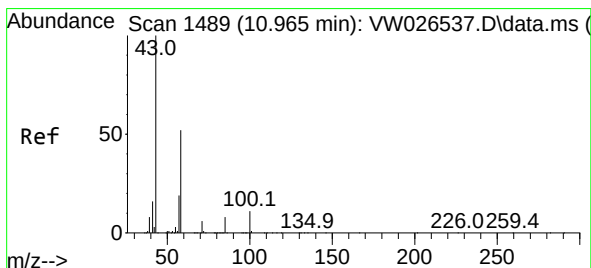
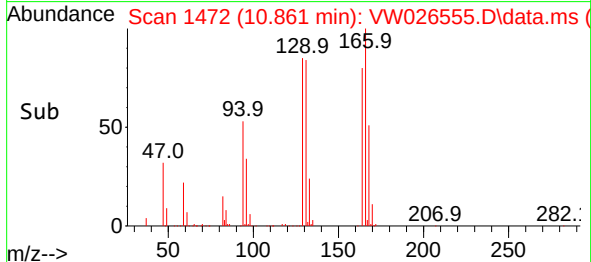
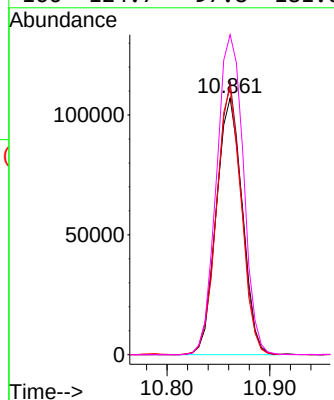
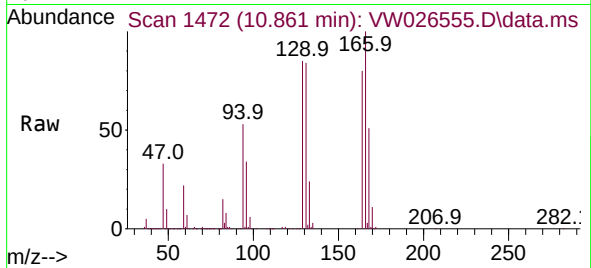


#46
Tetrachloroethene
Concen: 24.200 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

Tgt Ion:164 Resp: 188048

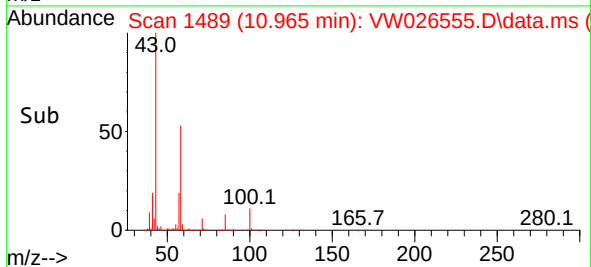
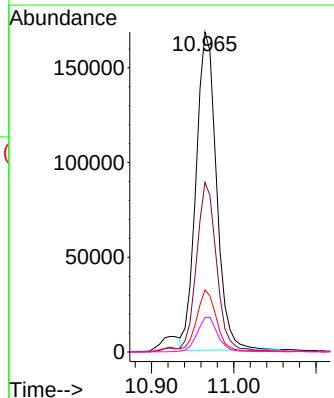
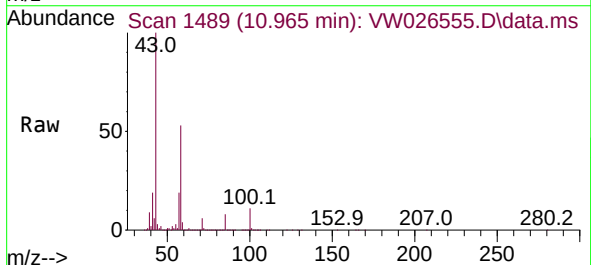
Ion	Ratio	Lower	Upper
164	100		
129	106.1	73.0	135.6
131	104.2	69.2	128.6
166	124.7	97.8	181.6

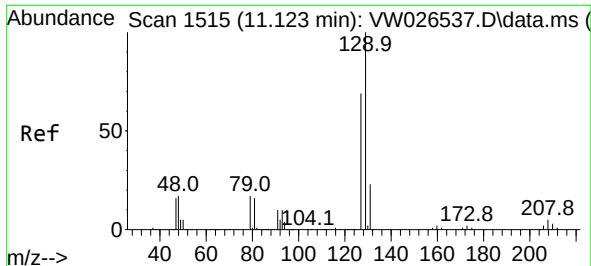


#48
2-Hexanone
Concen: 45.183 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 43 Resp: 289988

Ion	Ratio	Lower	Upper
43	100		
58	51.5	39.9	59.9
57	18.2	14.1	21.1
100	11.0	8.5	12.7

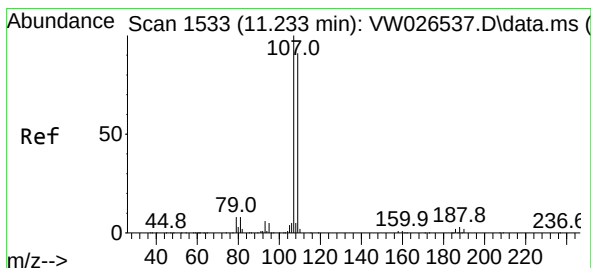
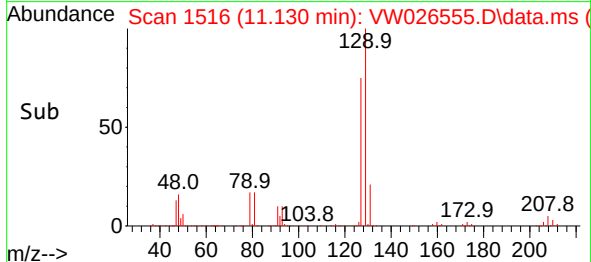
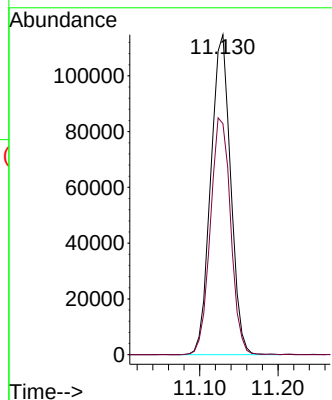
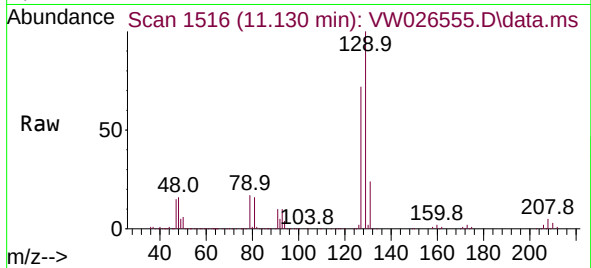




#49
Dibromochloromethane
Concen: 23.052 ug/L
RT: 11.130 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

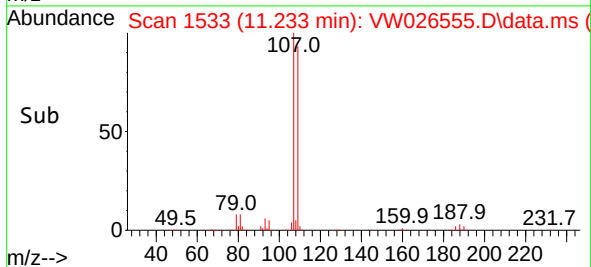
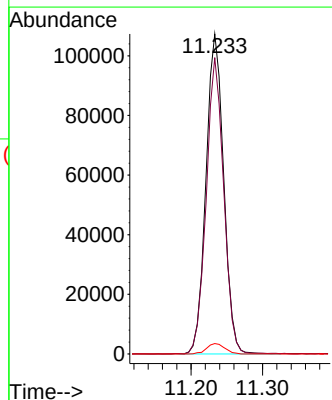
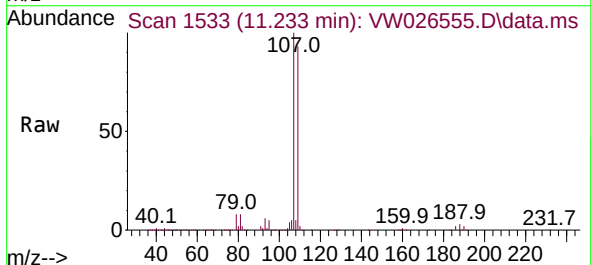
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

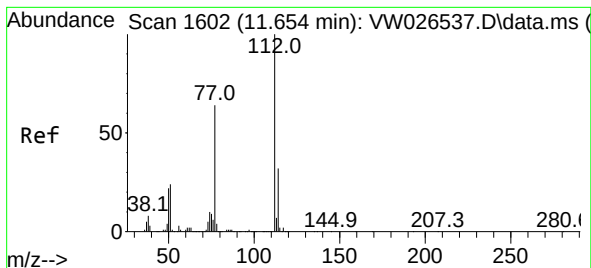
Tgt Ion:129 Resp: 201943
Ion Ratio Lower Upper
129 100
127 72.2 50.0 93.0



#50
1,2-Dibromoethane
Concen: 23.039 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion:107 Resp: 184745
Ion Ratio Lower Upper
107 100
109 92.6 67.7 125.7
188 3.2 2.7 4.1





#51

Chlorobenzene

Concen: 22.961 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

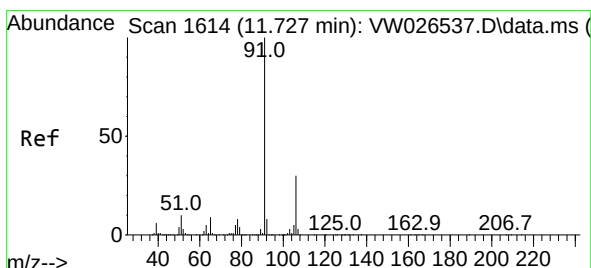
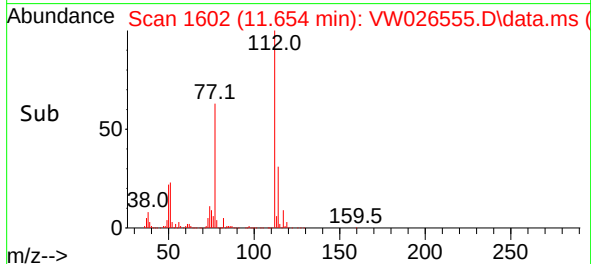
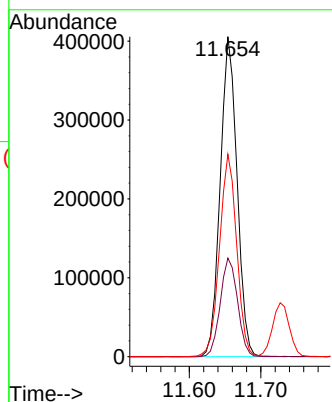
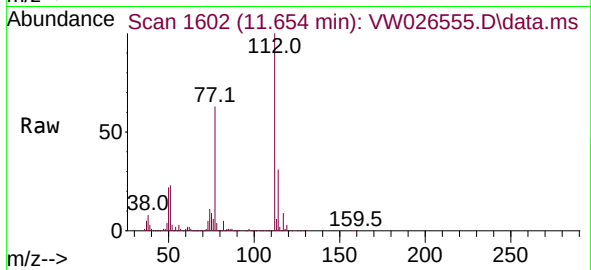
Tgt Ion:112 Resp: 663243

Ion Ratio Lower Upper

112 100

114 30.8 22.2 41.2

77 63.3 53.4 80.2



#52

Ethylbenzene

Concen: 24.048 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW026555.D

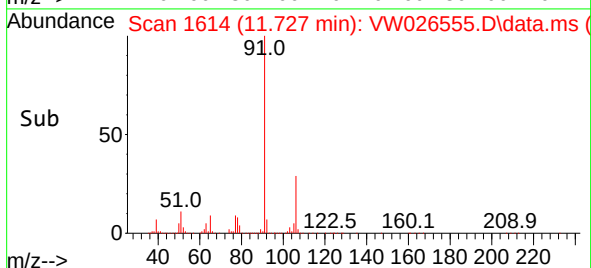
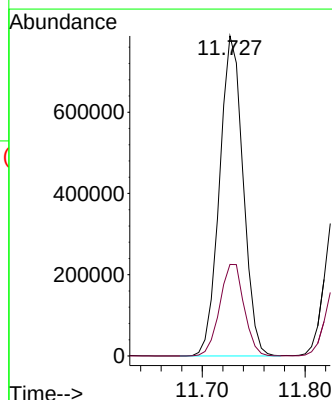
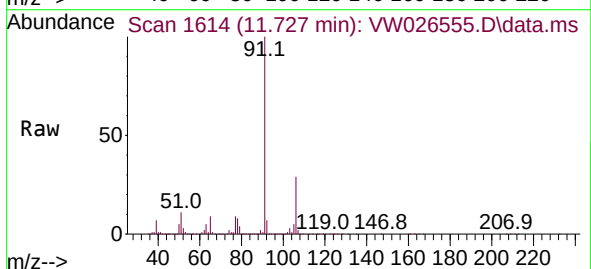
Acq: 07 Jul 2023 08:52

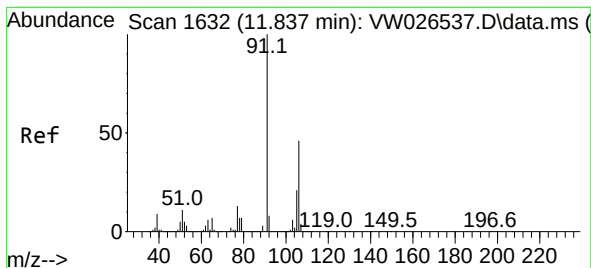
Tgt Ion: 91 Resp: 1254966

Ion Ratio Lower Upper

91 100

106 28.6 20.7 38.5





#53

m,p-Xylene

Concen: 24.345 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

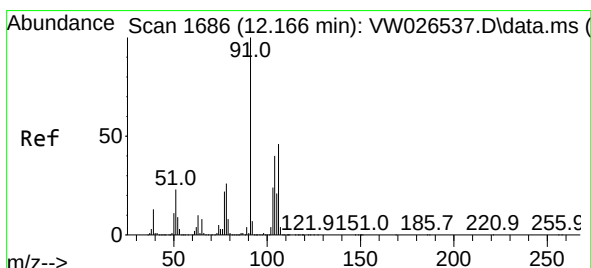
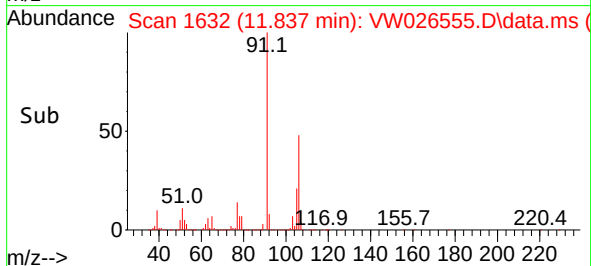
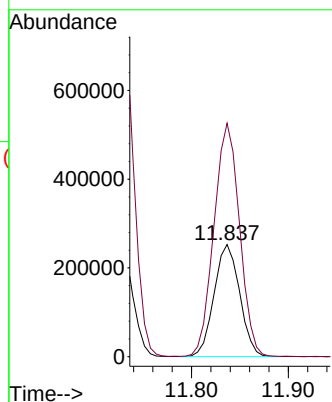
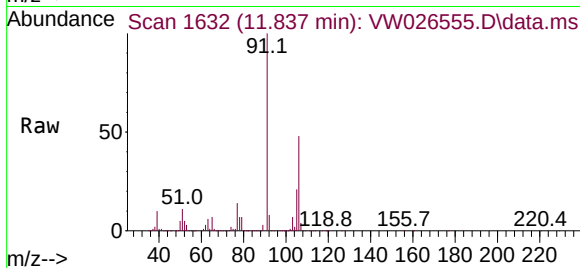
VSTD025552

Tgt Ion:106 Resp: 464542

Ion Ratio Lower Upper

106 100

91 208.3 152.7 283.7



#54

o-Xylene

Concen: 23.467 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW026555.D

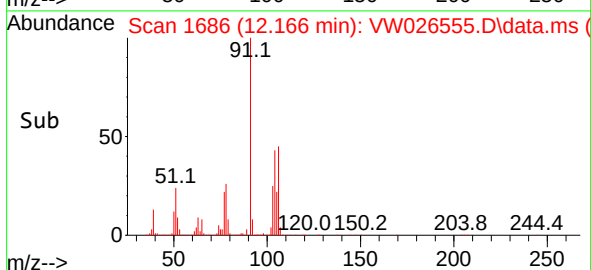
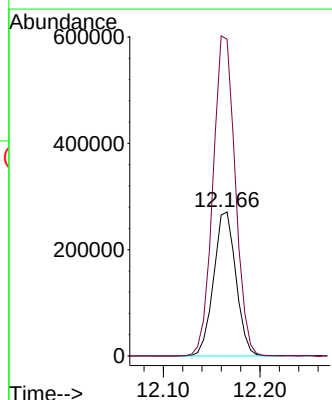
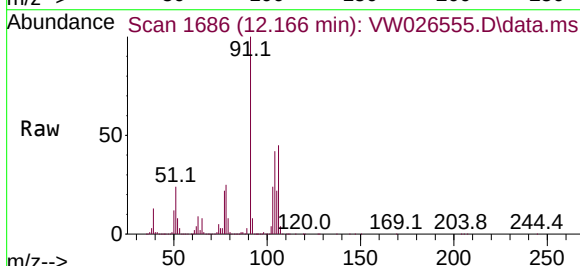
Acq: 07 Jul 2023 08:52

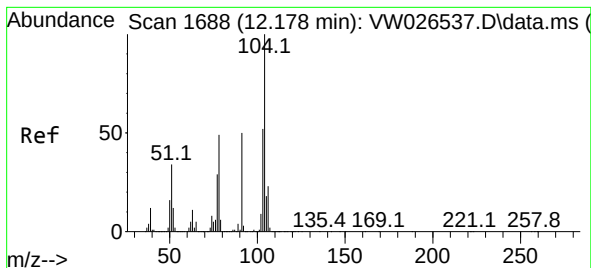
Tgt Ion:106 Resp: 433865

Ion Ratio Lower Upper

106 100

91 220.0 151.8 282.0





#55

Styrene

Concen: 23.411 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

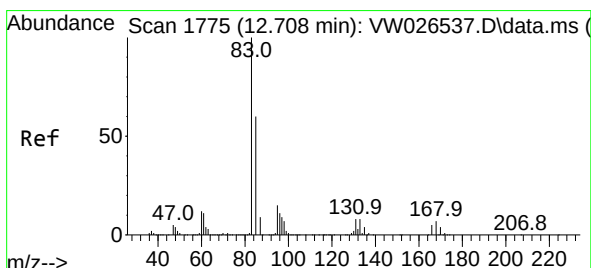
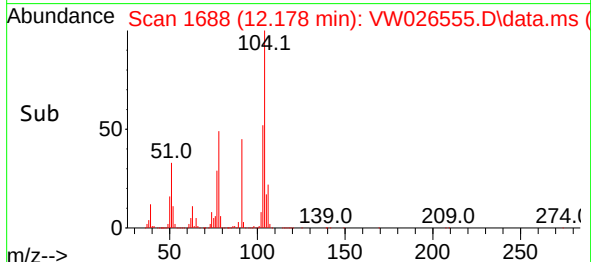
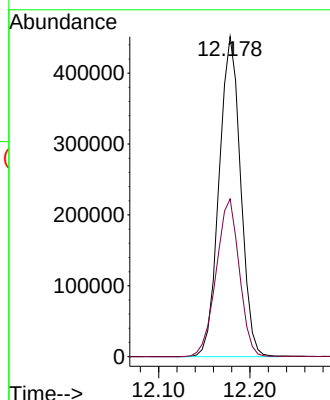
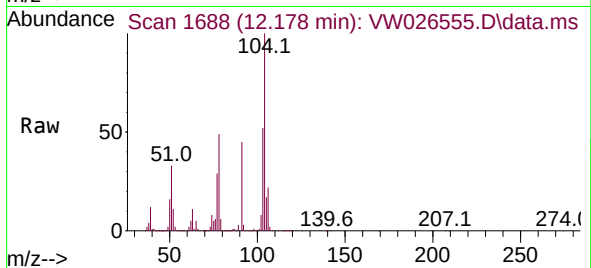
VSTD025552

Tgt Ion:104 Resp: 740192

Ion Ratio Lower Upper

104 100

78 49.3 35.6 66.2



#57

1,1,2,2-Tetrachloroethane

Concen: 21.818 ug/L

RT: 12.715 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

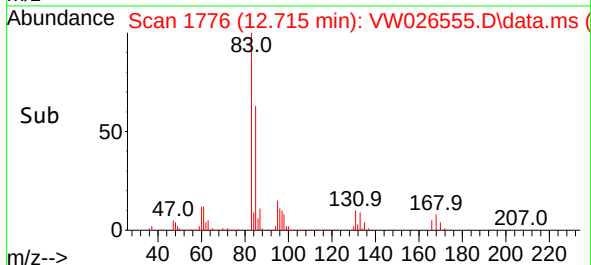
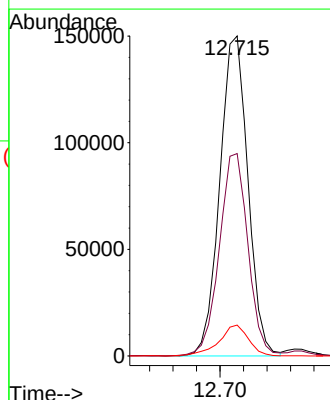
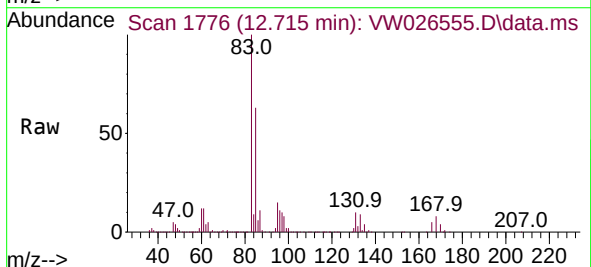
Tgt Ion: 83 Resp: 249748

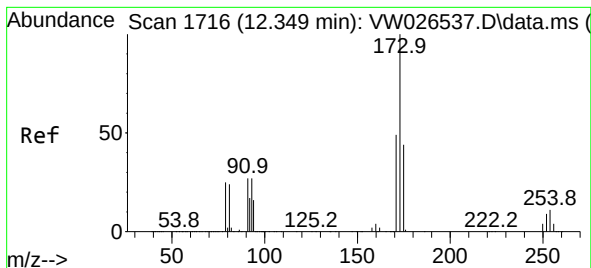
Ion Ratio Lower Upper

83 100

85 63.2 44.4 82.5

131 9.6 7.2 10.8





#59

Bromoform

Concen: 21.986 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

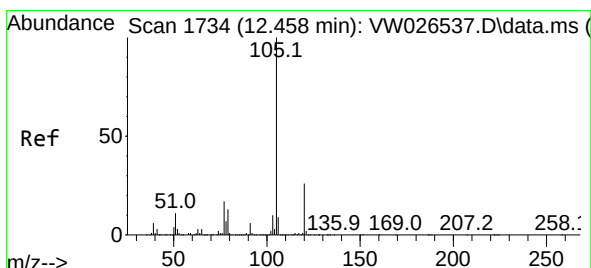
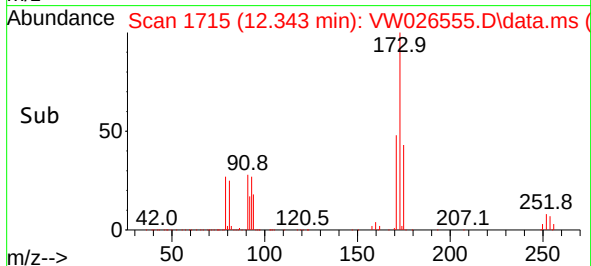
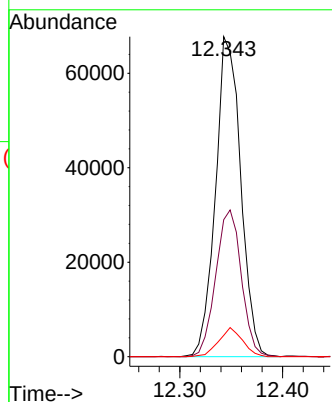
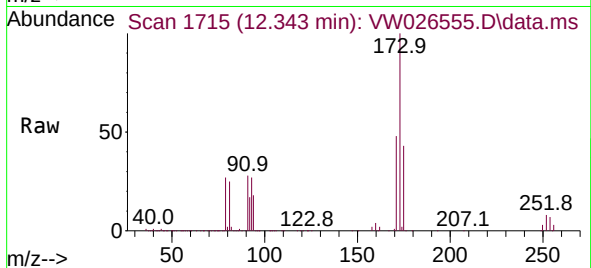
Tgt Ion:173 Resp: 115426

Ion Ratio Lower Upper

173 100

175 46.6 39.0 58.4

254 8.6 7.0 10.6



#60

Isopropylbenzene

Concen: 23.519 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

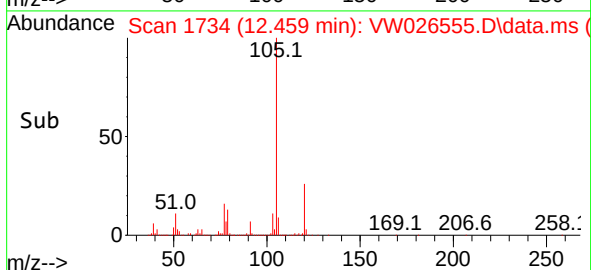
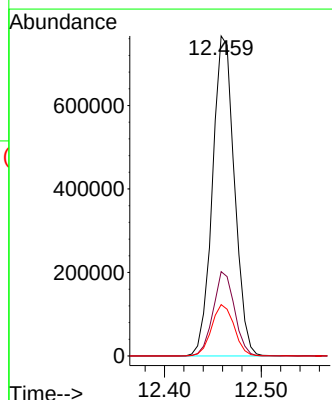
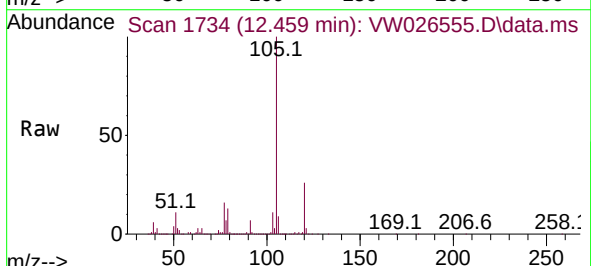
Tgt Ion:105 Resp: 1207256

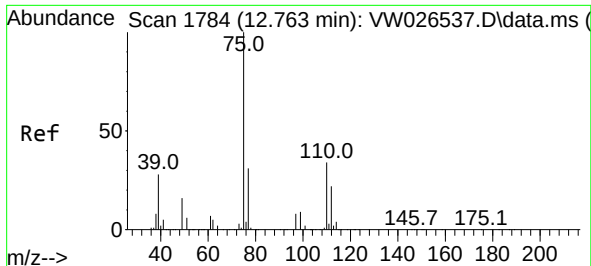
Ion Ratio Lower Upper

105 100

120 25.6 20.3 30.5

77 16.4 13.4 20.0

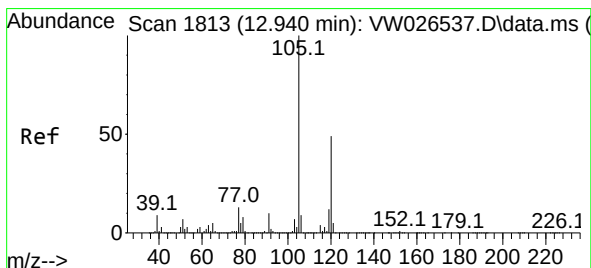
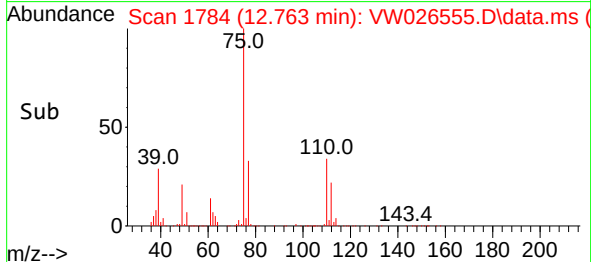
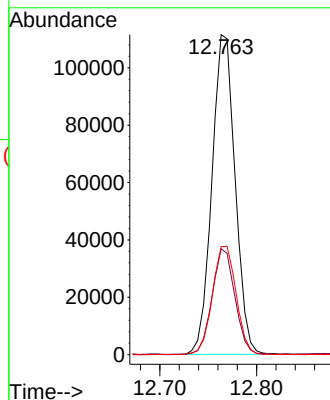
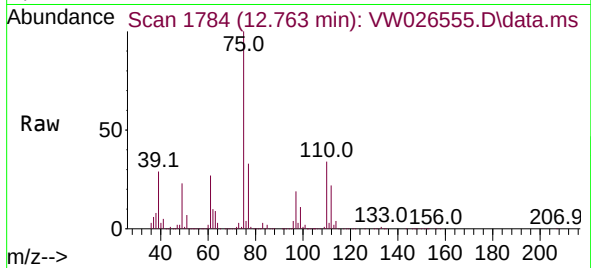




#61
1,2,3-Trichloropropane
Concen: 21.313 ug/L
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

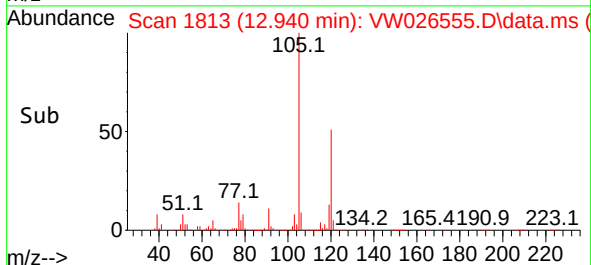
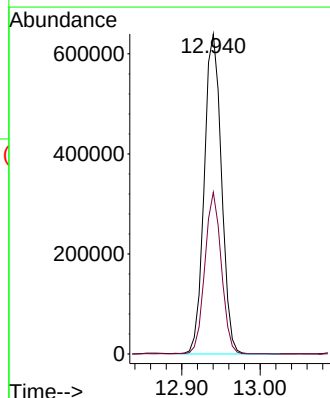
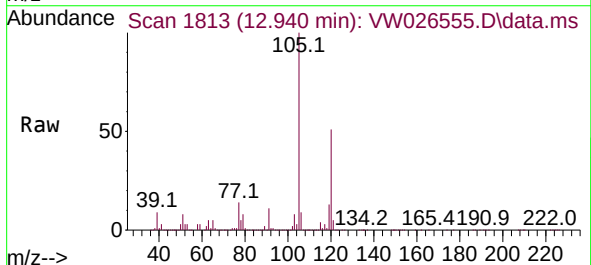
Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

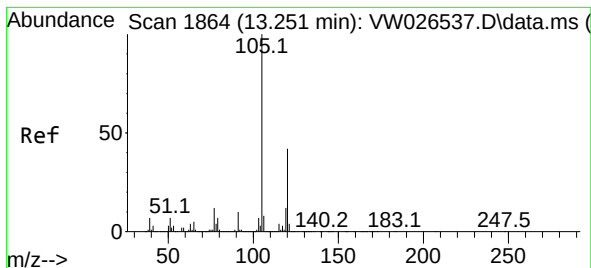
Tgt Ion: 75 Resp: 185839
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7
110 34.7 28.3 42.5



#62
1,3,5-Trimethylbenzene
Concen: 23.053 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026555.D
Acq: 07 Jul 2023 08:52

Tgt Ion: 105 Resp: 975712
Ion Ratio Lower Upper
105 100
120 48.4 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 23.853 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

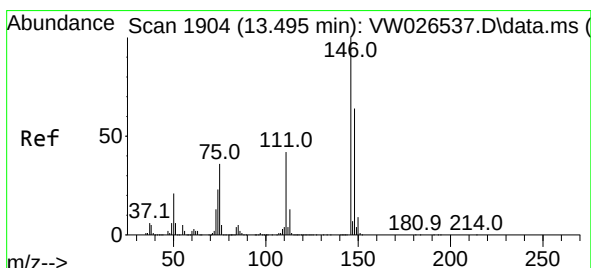
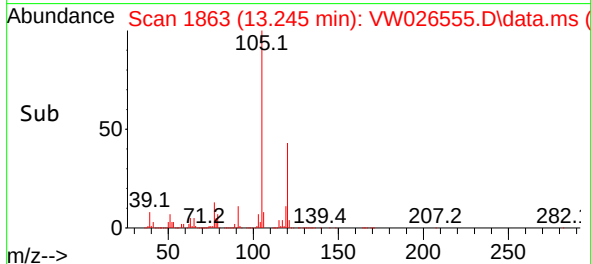
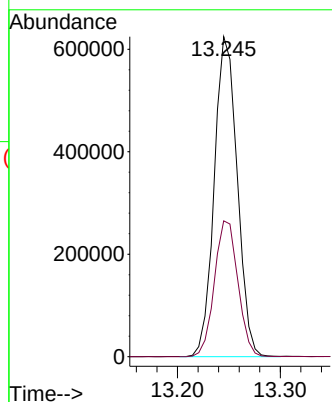
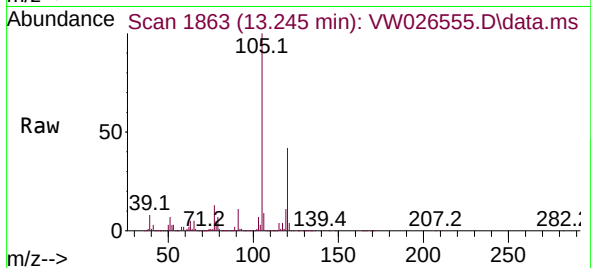
VSTD025552

Tgt Ion:105 Resp: 971148

Ion Ratio Lower Upper

105 100

120 43.4 35.5 53.3



#64

1,3-Dichlorobenzene

Concen: 22.786 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

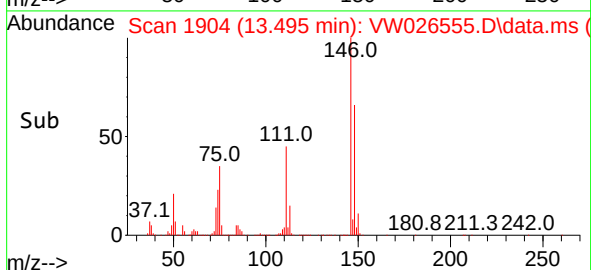
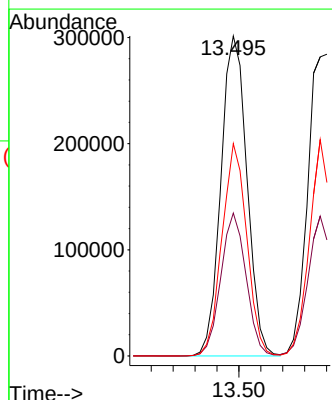
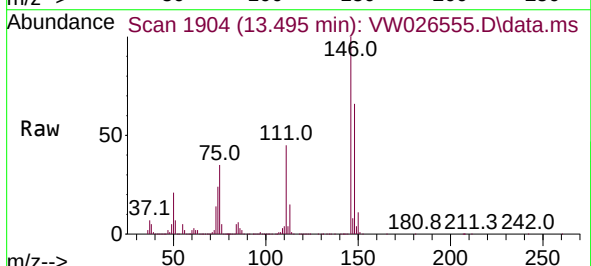
Tgt Ion:146 Resp: 497612

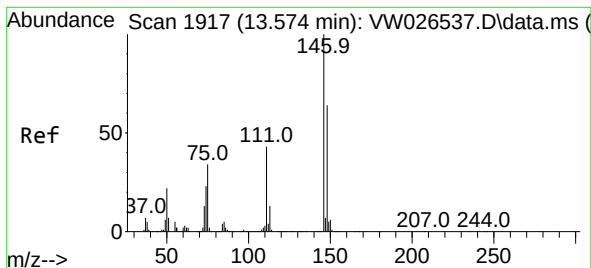
Ion Ratio Lower Upper

146 100

111 44.6 32.7 60.7

148 66.3 47.0 87.2





#65

1,4-Dichlorobenzene

Concen: 22.500 ug/L

RT: 13.580 min Scan# 1917

Delta R.T. 0.006 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

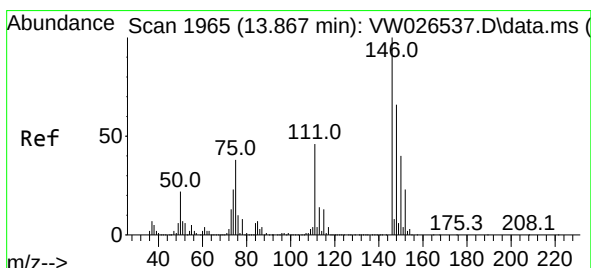
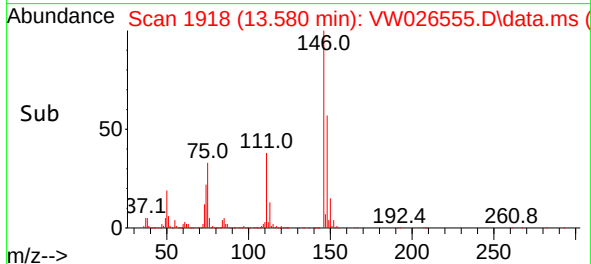
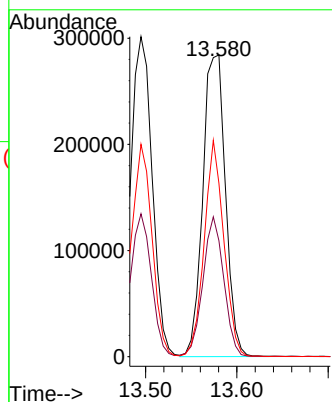
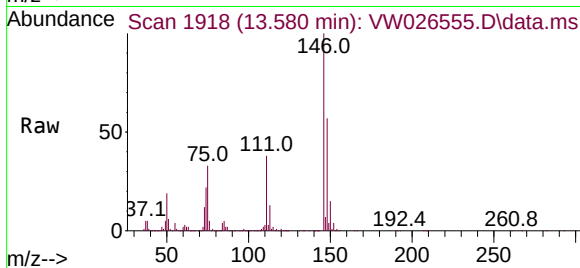
Tgt Ion:146 Resp: 489973

Ion Ratio Lower Upper

146 100

111 38.5 30.2 56.0

148 57.5 44.0 81.6



#67

1,2-Dichlorobenzene

Concen: 21.529 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

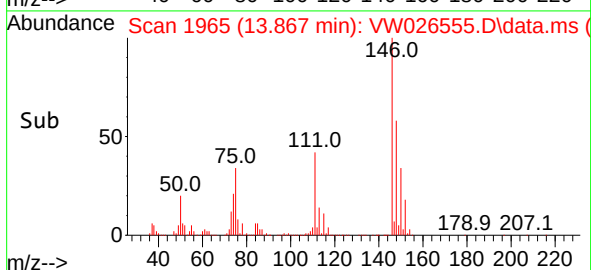
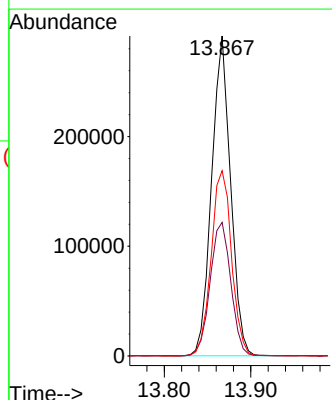
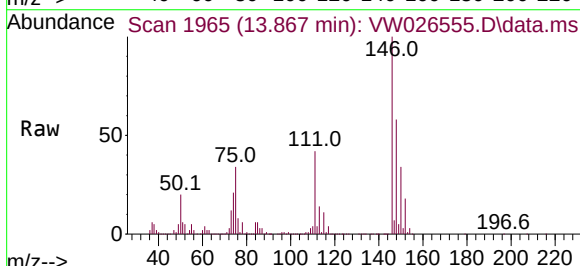
Tgt Ion:146 Resp: 442917

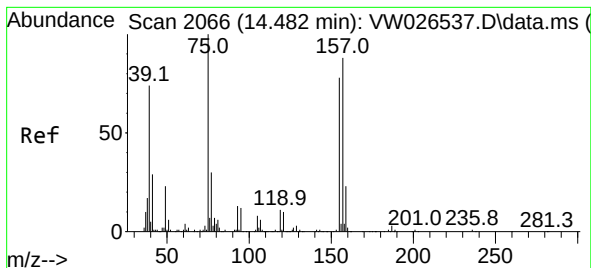
Ion Ratio Lower Upper

146 100

111 41.8 36.6 55.0

148 57.9 55.1 82.7





#68

1,2-Dibromo-3-chloropropane

Concen: 18.630 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

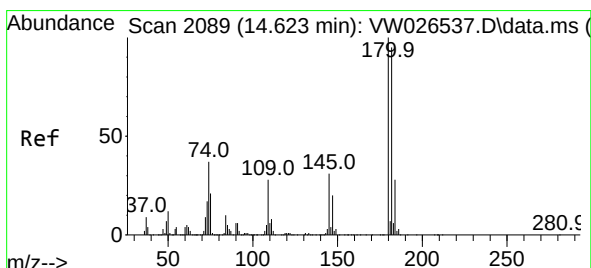
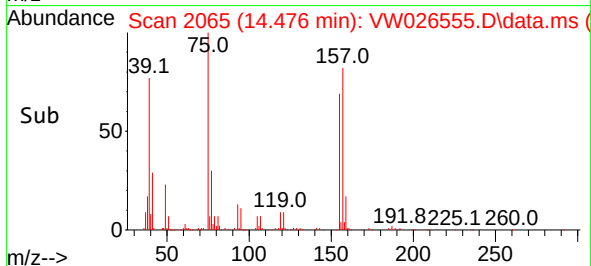
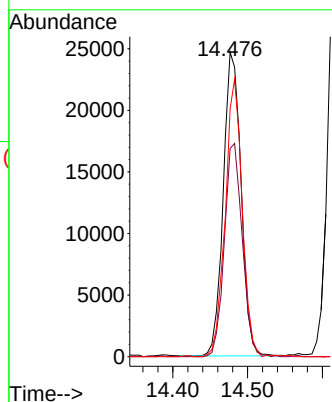
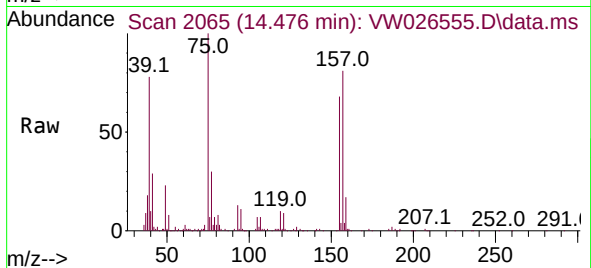
Tgt Ion: 75 Resp: 40965

Ion Ratio Lower Upper

75 100

155 68.4 57.3 85.9

157 81.4 76.9 115.3



#69

1,3,5-Trichlorobenzene

Concen: 21.964 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.006 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Tgt Ion: 180 Resp: 319070

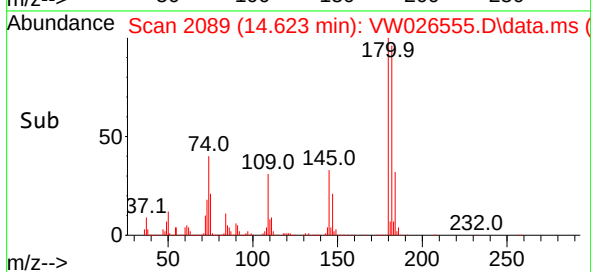
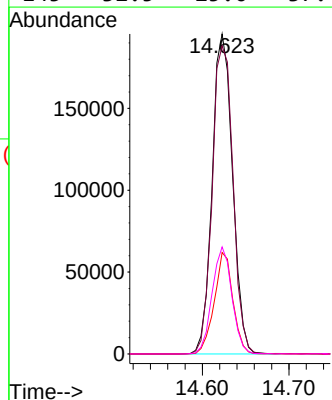
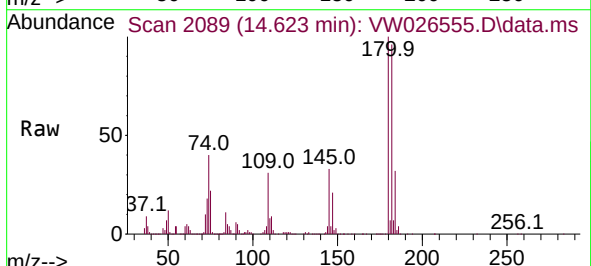
Ion Ratio Lower Upper

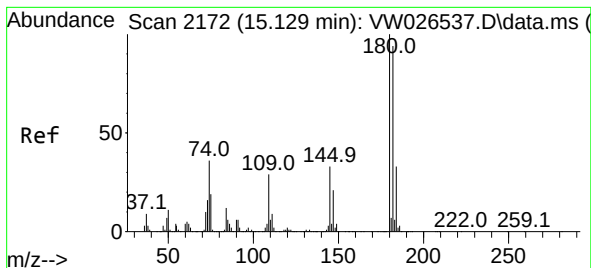
180 100

182 98.2 75.5 113.3

184 29.1 23.8 35.8

145 32.5 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 22.839 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025552

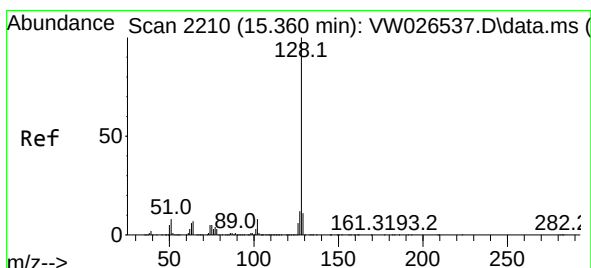
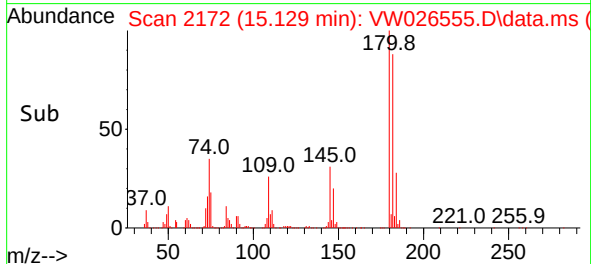
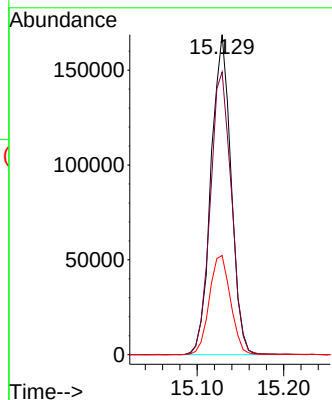
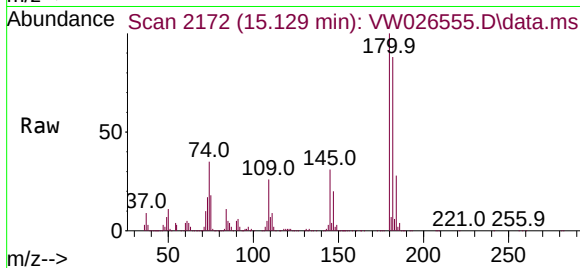
Tgt Ion:180 Resp: 270646

Ion Ratio Lower Upper

180 100

182 92.8 74.5 111.7

145 32.9 25.9 38.9



#71

Naphthalene

Concen: 22.694 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026555.D

Acq: 07 Jul 2023 08:52

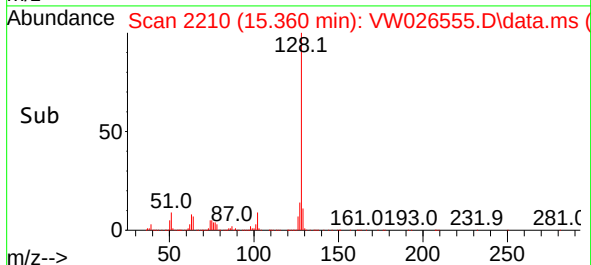
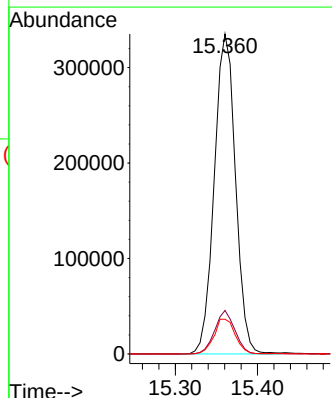
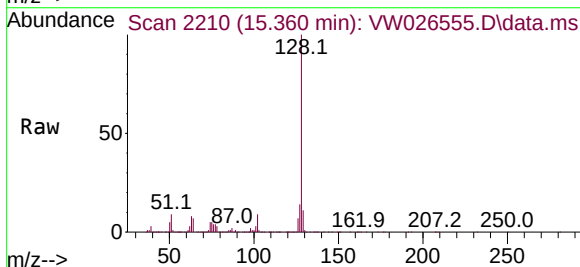
Tgt Ion:128 Resp: 601845

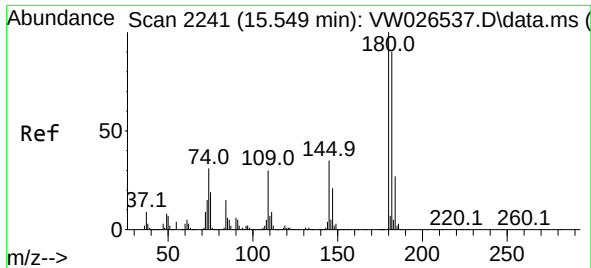
Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 22.154 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026555.D
 Acq: 07 Jul 2023 08:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Tgt Ion:180 Resp: 234563
 Ion Ratio Lower Upper
 180 100
 182 98.4 75.3 112.9
 145 36.1 29.0 43.6

