

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027559.D
 Acq On : 06 Dec 2023 10:47
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050475

Quant Time: Dec 07 06:36:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:34:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	274948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	246195	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124958	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	232337	45.689	ug/L	0.00
7) Chloroethane-d5	2.899	69	175447	49.612	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	102999	47.010	ug/L	0.00
21) 2-Butanone-d5	7.075	46	161282	156.479	ug/L	0.00
24) Chloroform-d	7.654	84	389161	49.025	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.306	65	207564	53.461	ug/L	0.00
32) Benzene-d6	8.276	84	817568	49.489	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	245533	49.268	ug/L	0.00
41) Toluene-d8	10.324	98	724586	49.294	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.580	79	101135	54.739	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	117601	165.740	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225972	68.613	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	213396	46.283	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	142727	44.111	ug/L	100
3) Chloromethane	2.228	50	185548	44.301	ug/L	98
5) Vinyl chloride	2.375	62	218968	45.209	ug/L	100
6) Bromomethane	2.795	94	115421	44.405	ug/L	90
8) Chloroethane	2.935	64	127755	46.742	ug/L	95
9) Trichlorofluoromethane	3.277	101	220894	55.378	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	183897	47.237	ug/L	99
12) 1,1-Dichloroethene	4.045	96	171717	45.938	ug/L	96
13) Acetone	4.130	43	134126	123.937	ug/L	97
14) Carbon disulfide	4.393	76	469611	37.926	ug/L	99
15) Methyl Acetate	4.673	43	118336	68.996	ug/L	100
16) Methylene chloride	4.923	84	179064	40.368	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	175646	44.909	ug/L	94
18) Methyl tert-butyl Ether	5.435	73	320068	56.187	ug/L	98
19) 1,1-Dichloroethane	6.221	63	374042	47.941	ug/L	97
20) cis-1,2-Dichloroethene	7.179	96	199799	48.028	ug/L	99
22) 2-Butanone	7.173	43	177115	127.925	ug/L	99
23) Bromochloromethane	7.520	128	81758	48.740	ug/L	96
25) Chloroform	7.679	83	349118	48.630	ug/L	92
27) 1,2-Dichloroethane	8.404	62	233820	51.301	ug/L	100
29) Cyclohexane	7.959	56	348107	44.613	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	303884	49.046	ug/L	100
31) Carbon tetrachloride	8.069	117	263473	48.721	ug/L	99
33) Benzene	8.325	78	774225	46.229	ug/L	100
34) Trichloroethene	9.093	95	205144	46.787	ug/L	95
35) Methylcyclohexane	9.337	83	356913	44.647	ug/L	99
37) 1,2-Dichloropropane	9.367	63	208938	48.228	ug/L	99
38) Bromodichloromethane	9.642	83	246612	50.429	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	313362	49.894	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	336852	146.801	ug/L	99
42) Toluene	10.385	91	817986	47.101	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	274206	55.198	ug/L	96

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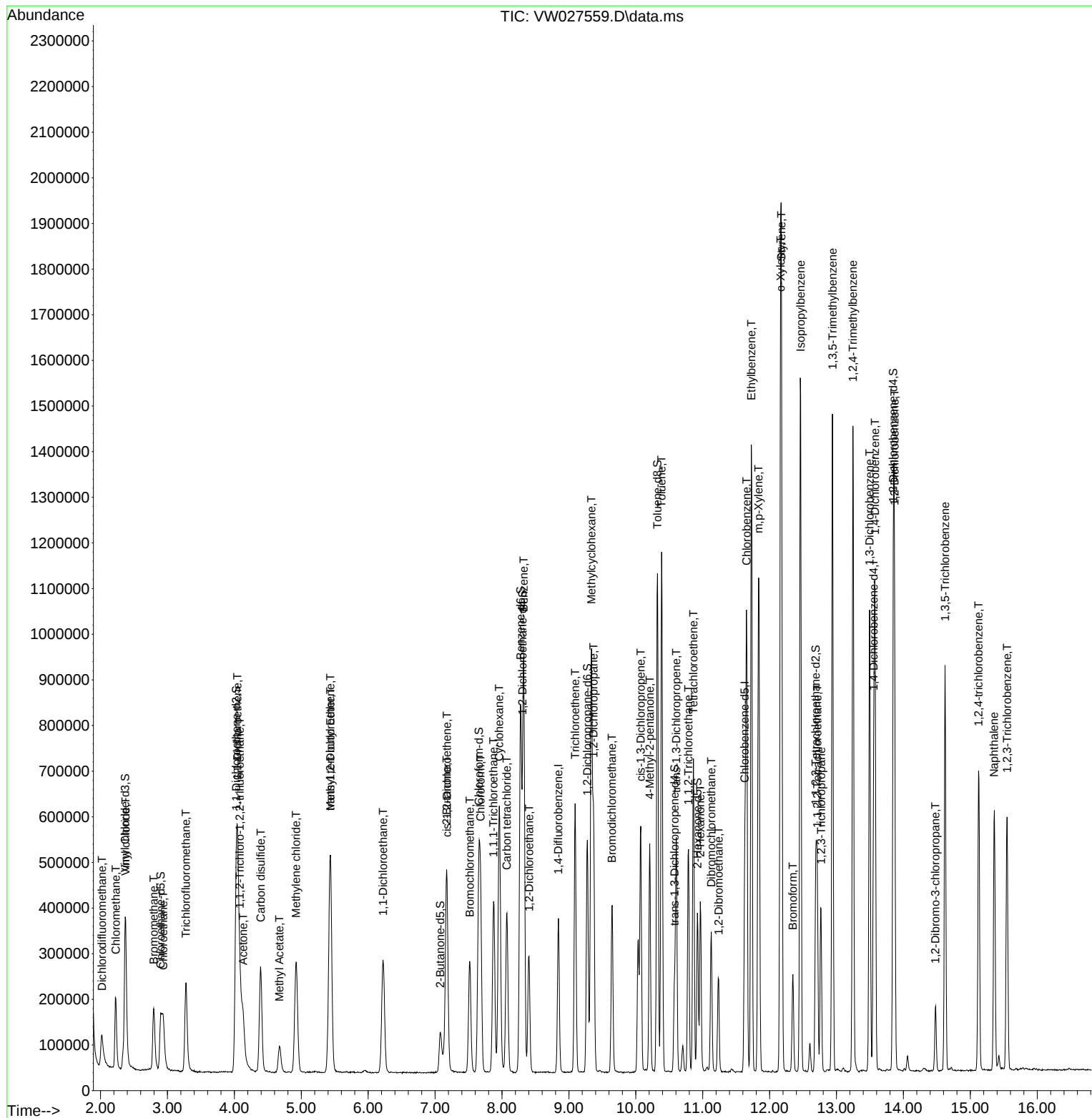
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	150196	54.371	ug/L	99
46) Tetrachloroethene	10.861	164	143003	45.559	ug/L	92
48) 2-Hexanone	10.965	43	246833	142.928	ug/L	99
49) Dibromochloromethane	11.129	129	154665	55.334	ug/L	99
50) 1,2-Dibromoethane	11.239	107	144387	56.957	ug/L	99
51) Chlorobenzene	11.653	112	496789	47.142	ug/L	98
52) Ethylbenzene	11.727	91	957901	48.360	ug/L	96
53) m,p-Xylene	11.836	106	350255	48.251	ug/L	97
54) o-Xylene	12.166	106	333496	49.037	ug/L	93
55) Styrene	12.178	104	571498	49.671	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	213500	66.373	ug/L	99
59) Bromoform	12.348	173	90779	57.124	ug/L	98
60) Isopropylbenzene	12.464	105	971685	45.736	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	152955	60.573	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	735446	46.227	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	742645	45.945	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	386841	46.565	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	372456	44.711	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	336878	46.319	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	35547	62.918	ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	249853	46.336	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	198608	46.743	ug/L	98
71) Naphthalene	15.354	128	467690	60.599	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	178770	50.790	ug/L	98

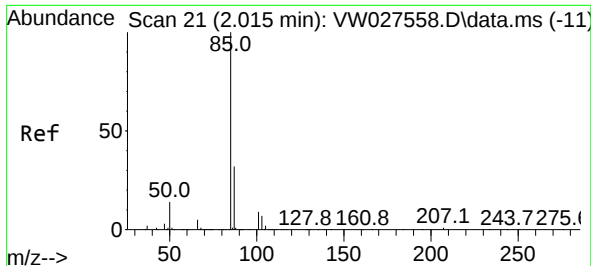
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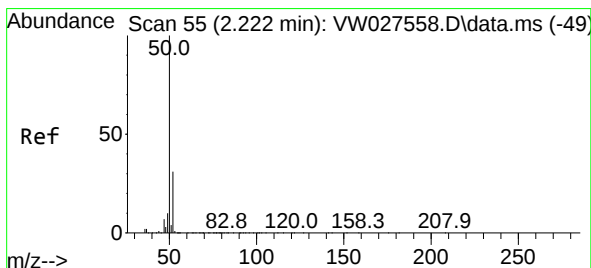
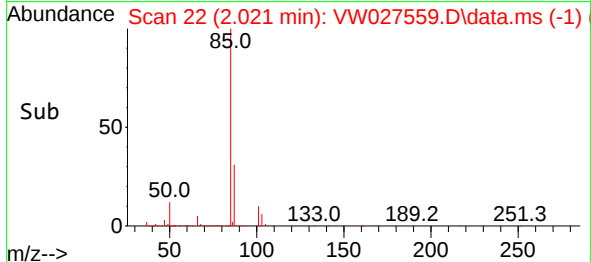
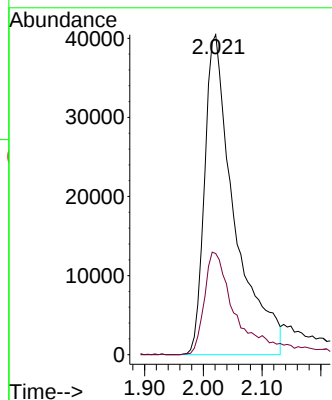
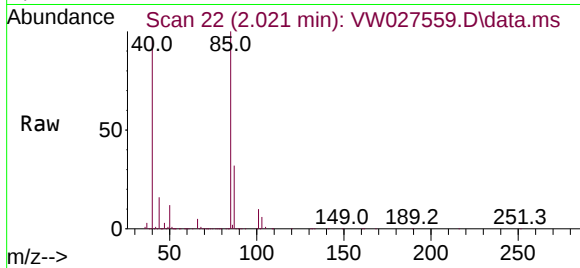




#2
Dichlorodifluoromethane
Concen: 44.111 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

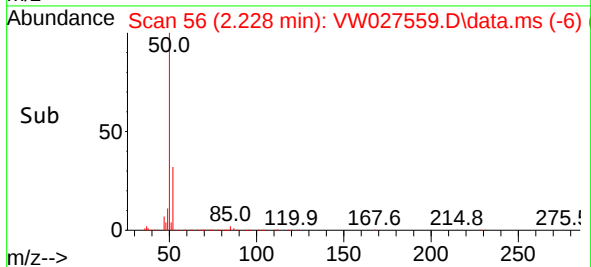
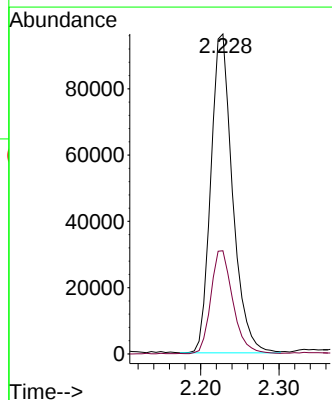
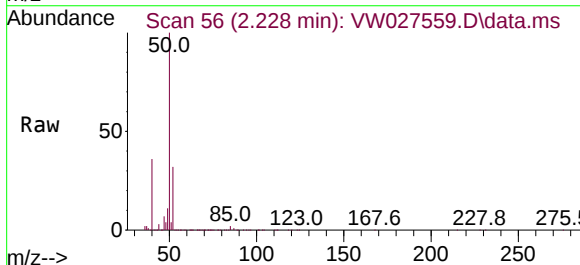
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ClientSampleId :
VSTD050475

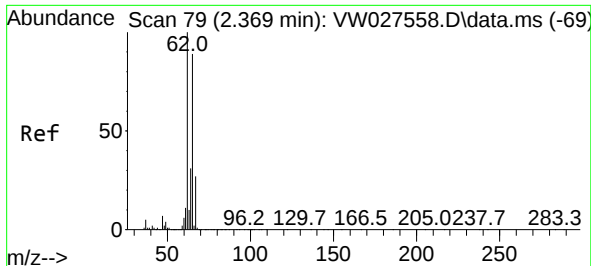
Tgt Ion: 85 Resp: 142727
Ion Ratio Lower Upper
85 100
87 30.0 24.0 36.0



#3
Chloromethane
Concen: 44.301 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 50 Resp: 185548
Ion Ratio Lower Upper
50 100
52 32.2 21.8 40.6

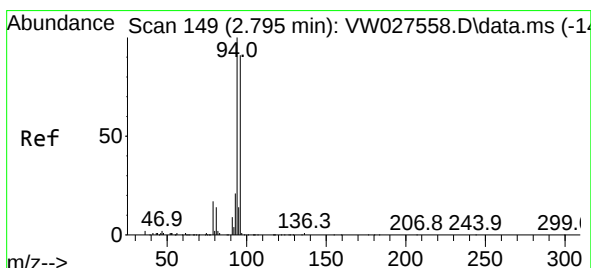
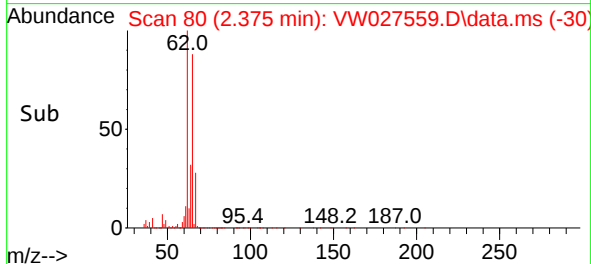
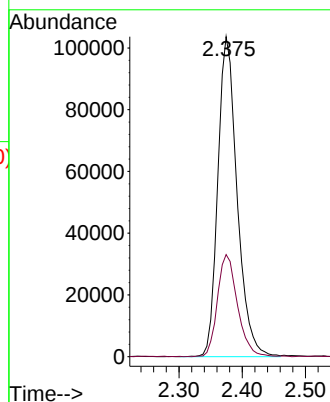
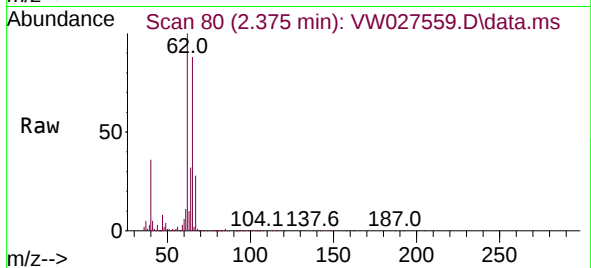




#5
 Vinyl chloride
 Concen: 45.209 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027559.D
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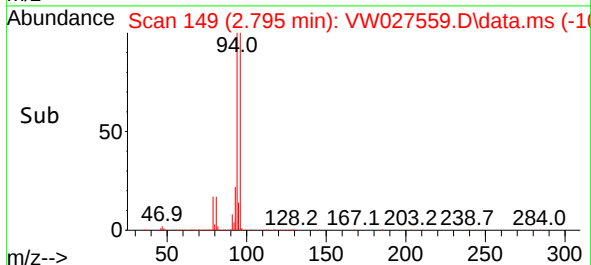
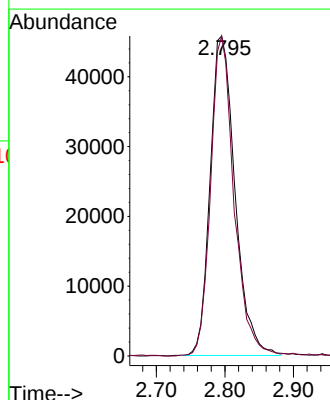
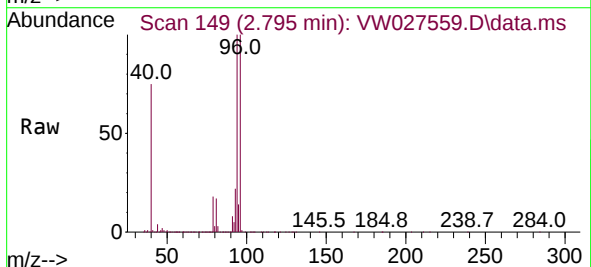
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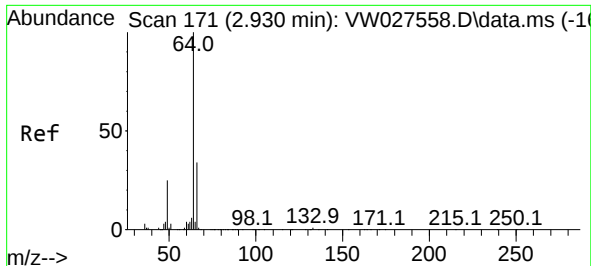
Tgt Ion: 62 Resp: 218968
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.2 41.2



#6
 Bromomethane
 Concen: 44.405 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027559.D
 Acq: 06 Dec 2023 10:47

Tgt Ion: 94 Resp: 115421
 Ion Ratio Lower Upper
 94 100
 96 99.9 63.3 117.7

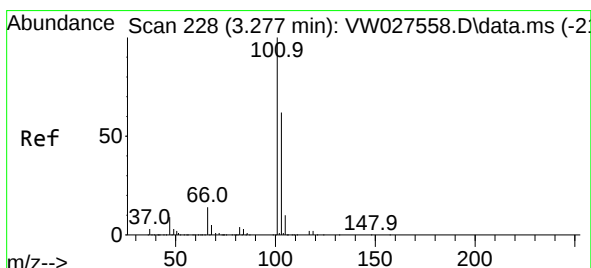
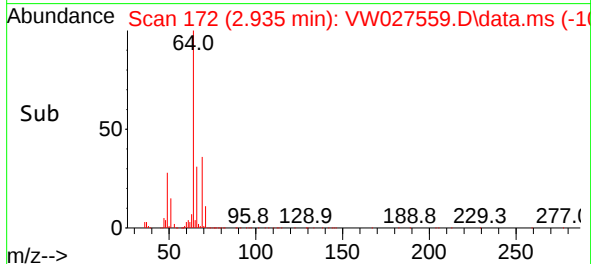
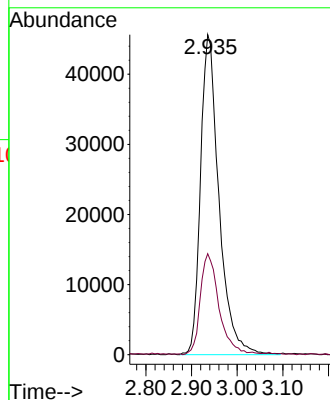
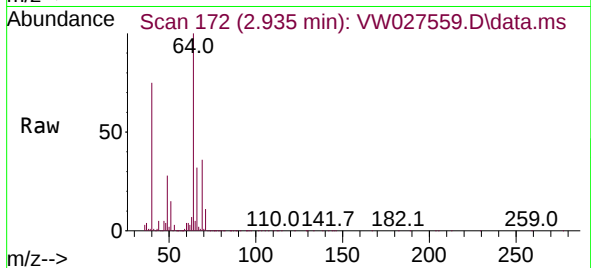




#8
Chloroethane
Concen: 46.742 ug/L
RT: 2.935 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

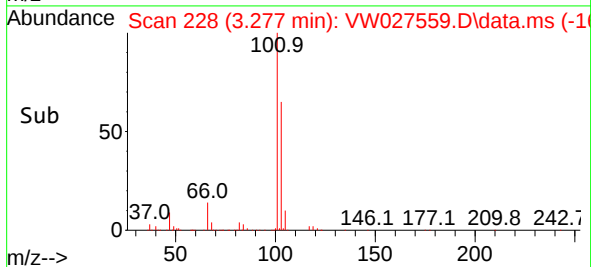
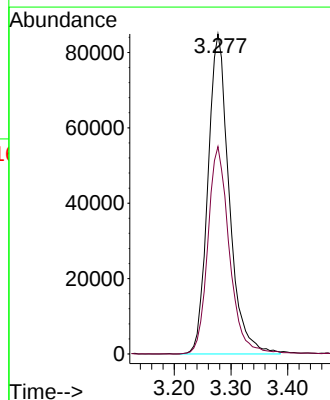
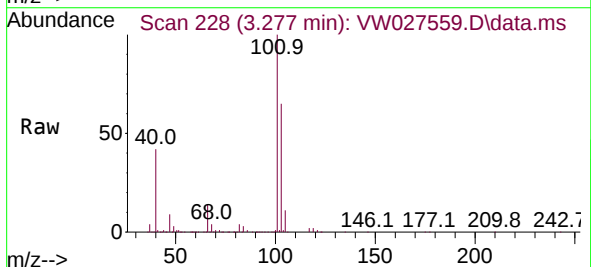
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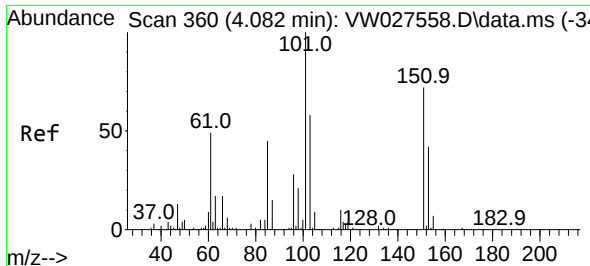
Tgt Ion: 64 Resp: 127755
Ion Ratio Lower Upper
64 100
66 31.5 24.1 44.7



#9
Trichlorofluoromethane
Concen: 55.378 ug/L
RT: 3.277 min Scan# 228
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 101 Resp: 220894
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

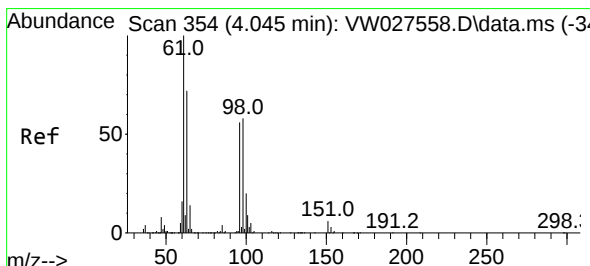
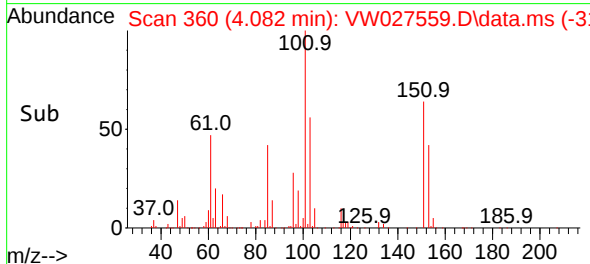
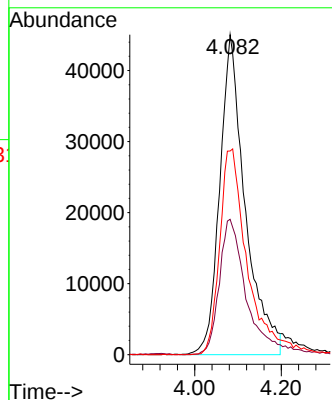
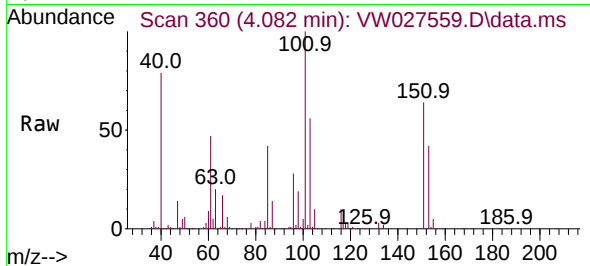




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.237 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. -0.000 min
 Lab File: VW027559.D
 Acq: 06 Dec 2023 10:47

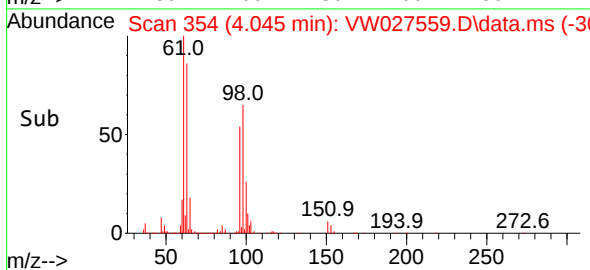
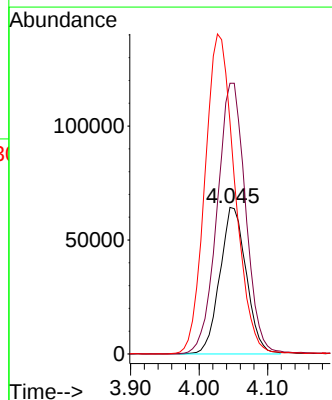
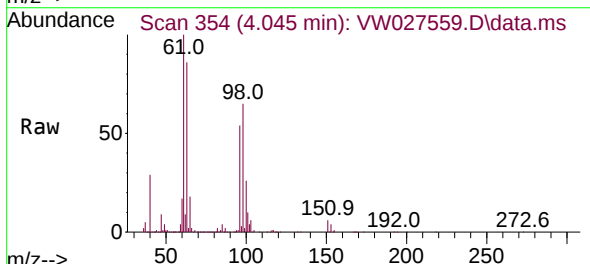
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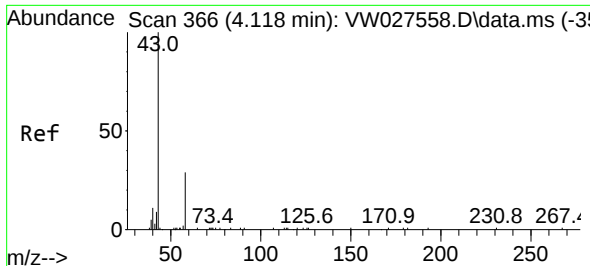
Tgt Ion:101 Resp: 183897
 Ion Ratio Lower Upper
 101 100
 85 44.5 33.9 50.9
 151 68.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 45.938 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027559.D
 Acq: 06 Dec 2023 10:47

Tgt Ion: 96 Resp: 171717
 Ion Ratio Lower Upper
 96 100
 61 184.8 127.8 237.4
 63 158.6 104.9 194.7

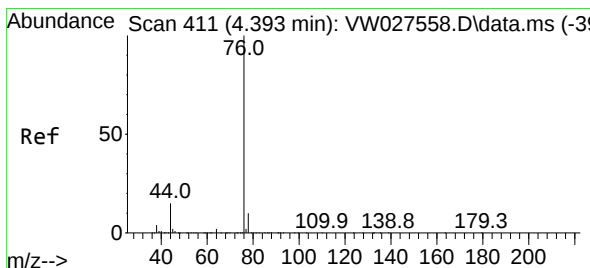
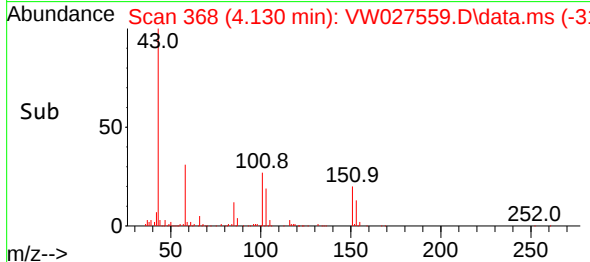
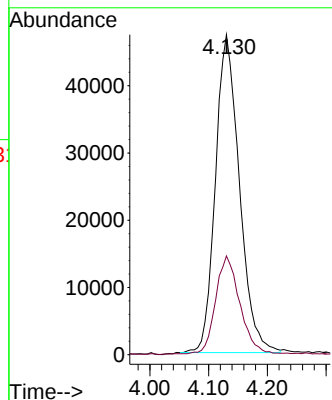
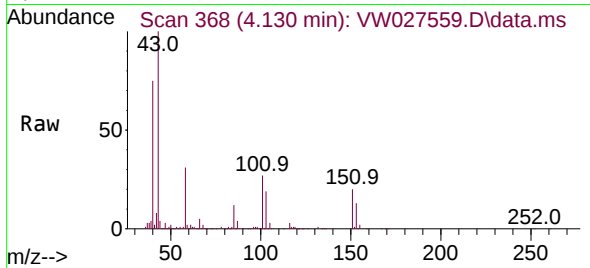




#13
Acetone
Concen: 123.937 ug/L
RT: 4.130 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

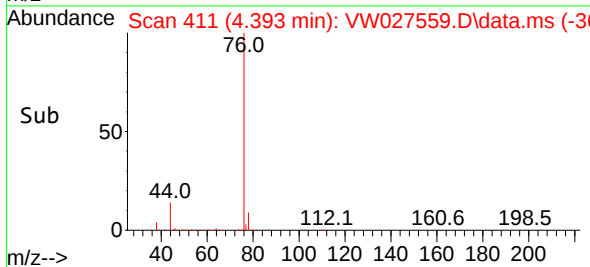
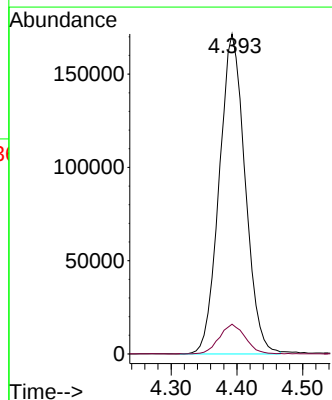
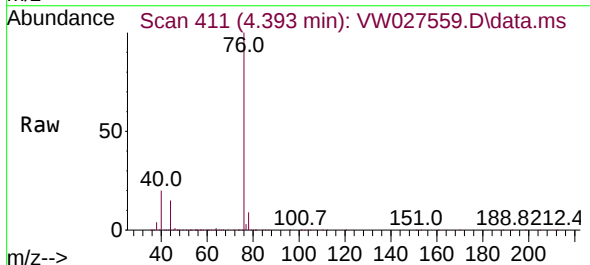
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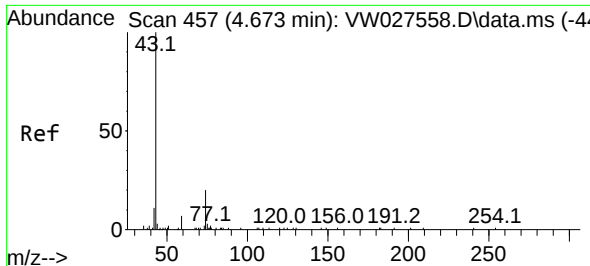
Tgt Ion: 43 Resp: 134126
Ion Ratio Lower Upper
43 100
58 31.5 0.0 60.0



#14
Carbon disulfide
Concen: 37.926 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 469611
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.6

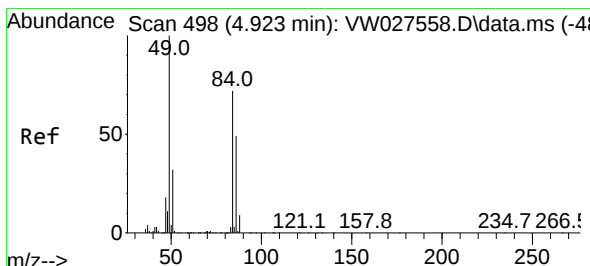
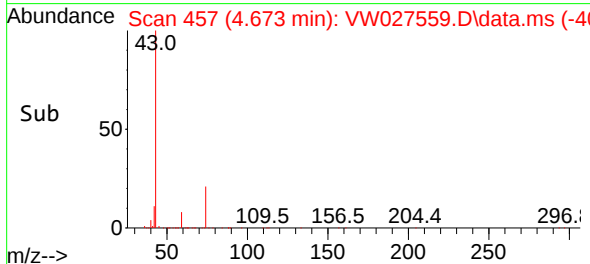
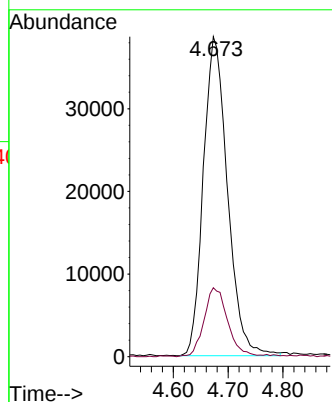
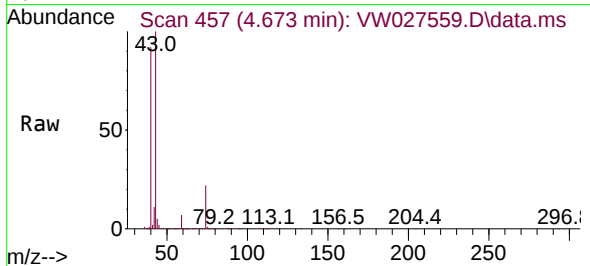




#15
Methyl Acetate
Concen: 68.996 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

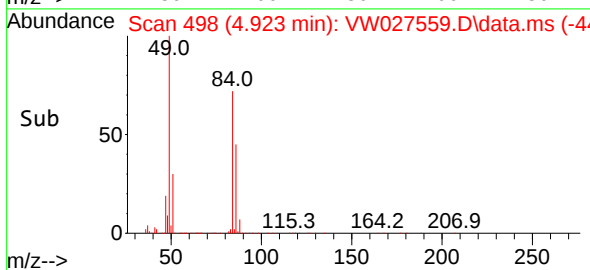
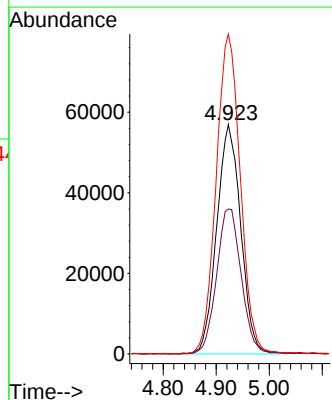
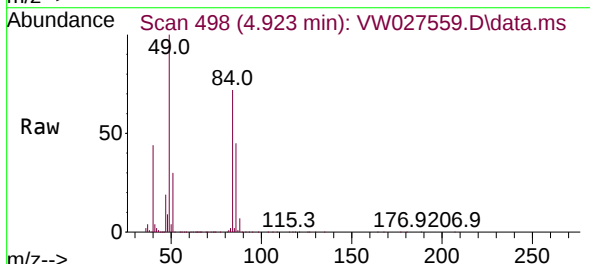
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

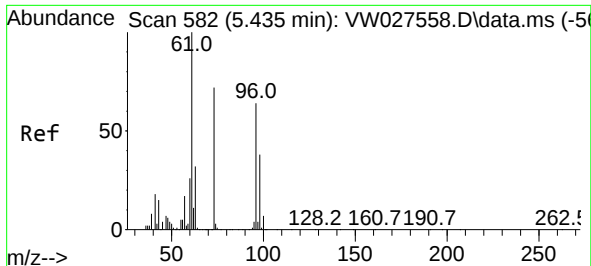
Tgt Ion: 43 Resp: 118336
Ion Ratio Lower Upper
43 100
74 21.0 16.8 25.2



#16
Methylene chloride
Concen: 40.368 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 84 Resp: 179064
Ion Ratio Lower Upper
84 100
86 63.2 47.7 88.7
49 139.5 97.4 181.0

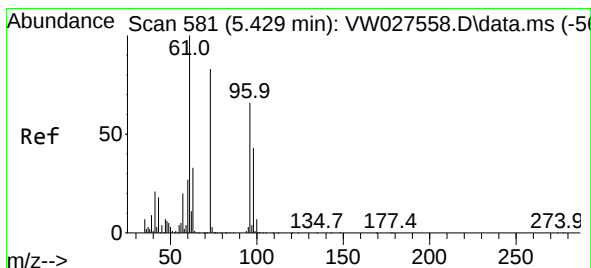
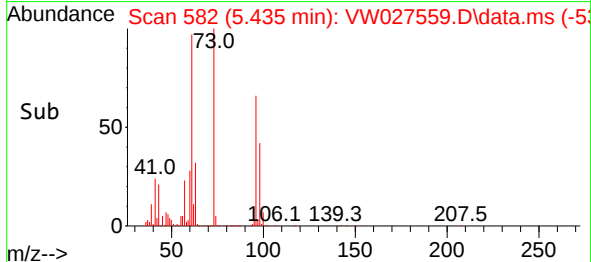
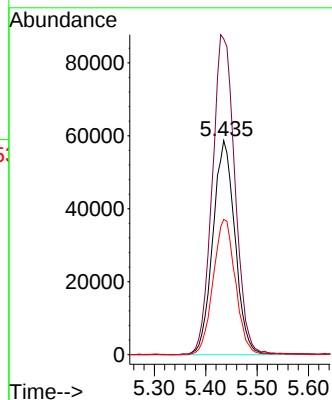
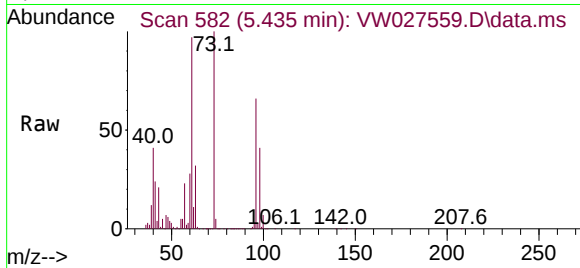




#17
trans-1,2-Dichloroethene
Concen: 44.909 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

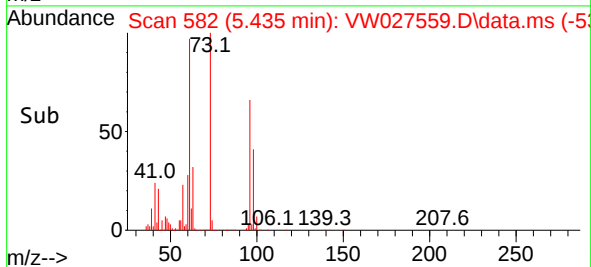
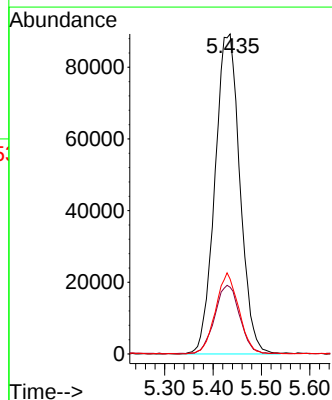
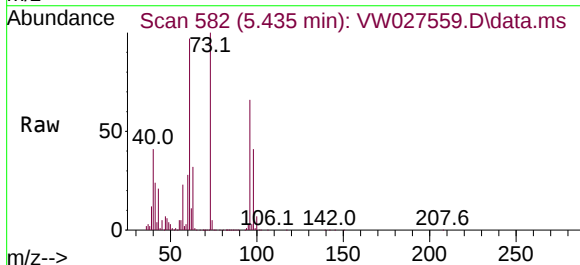
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

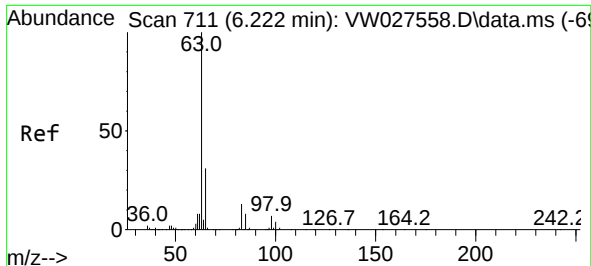
Tgt Ion: 96 Resp: 175646
Ion Ratio Lower Upper
96 100
61 147.5 109.6 203.6
98 63.1 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 56.187 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 73 Resp: 320068
Ion Ratio Lower Upper
73 100
43 21.5 17.8 26.6
57 23.6 19.9 29.9





#19

1,1-Dichloroethane

Concen: 47.941 ug/L

RT: 6.221 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD050475

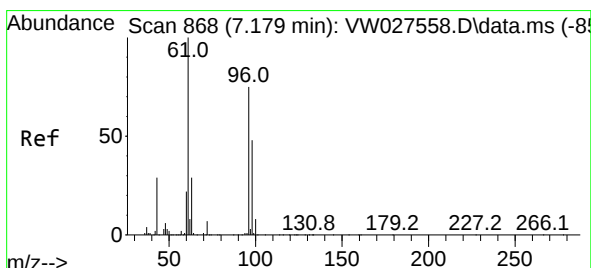
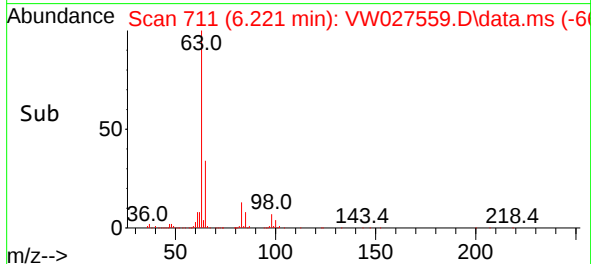
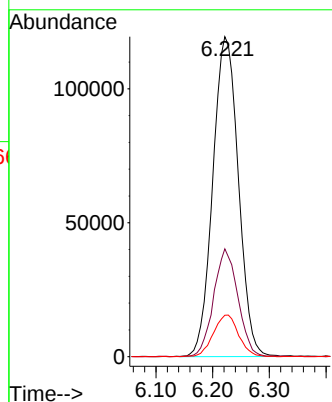
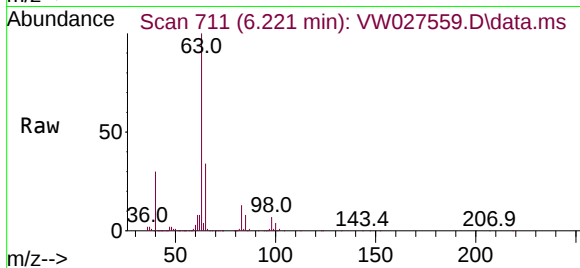
Tgt Ion: 63 Resp: 374042

Ion Ratio Lower Upper

63 100

65 33.7 22.0 40.8

83 13.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 48.028 ug/L

RT: 7.179 min Scan# 868

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

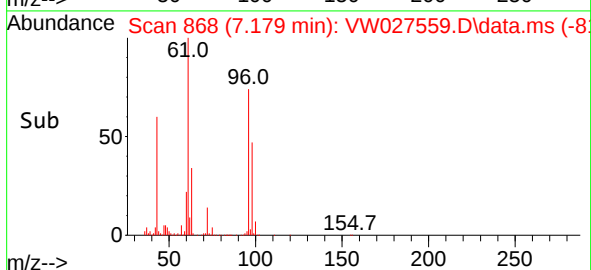
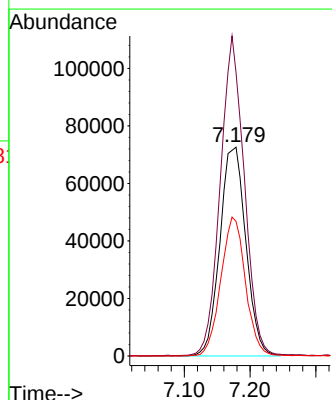
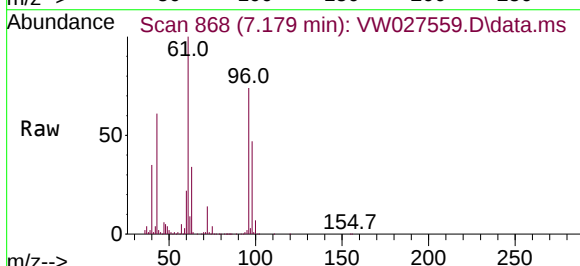
Tgt Ion: 96 Resp: 199799

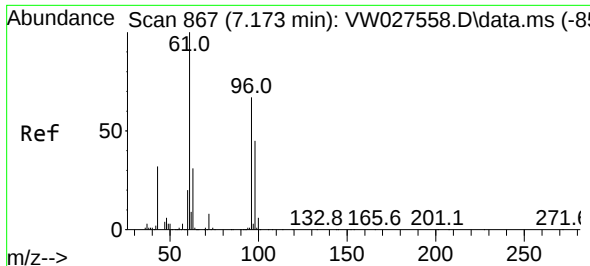
Ion Ratio Lower Upper

96 100

61 135.8 94.0 174.6

98 64.5 45.1 83.7

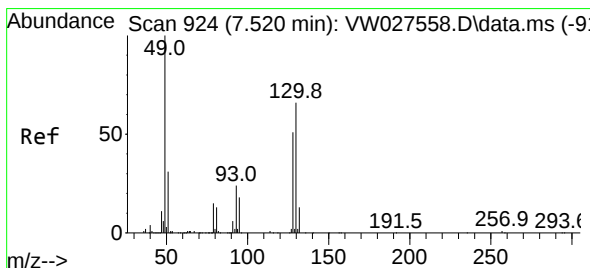
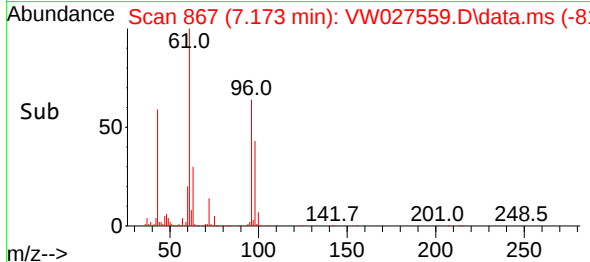
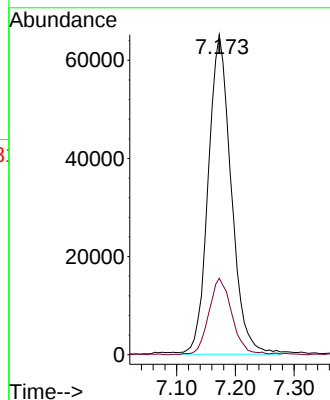
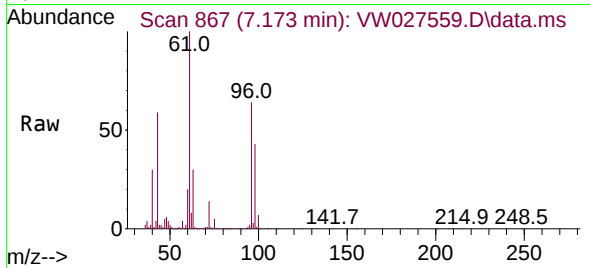




#22
2-Butanone
Concen: 127.925 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

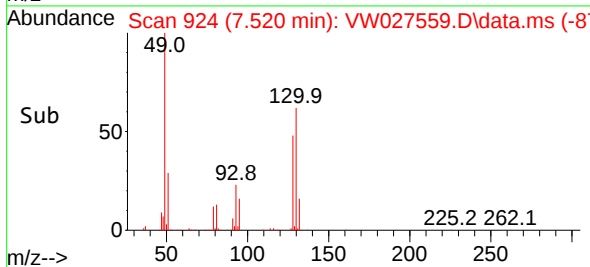
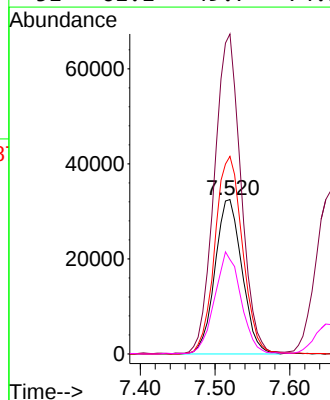
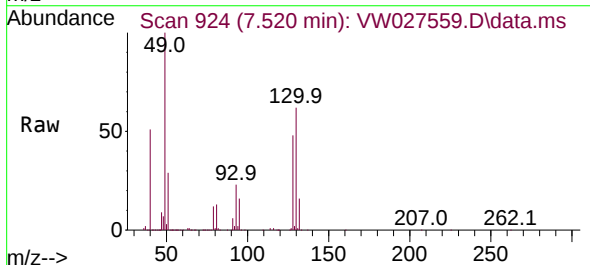
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

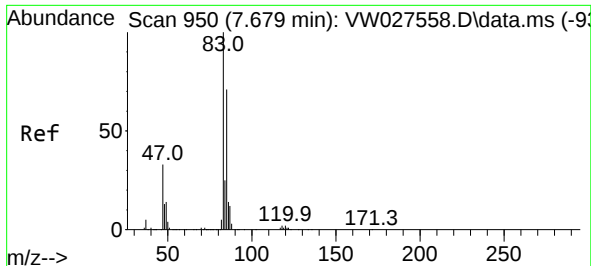
Tgt Ion: 43 Resp: 177115
Ion Ratio Lower Upper
43 100
72 23.6 11.9 35.9



#23
Bromochloromethane
Concen: 48.740 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 128 Resp: 81758
Ion Ratio Lower Upper
128 100
49 207.3 137.8 256.0
130 128.0 91.2 169.4
51 61.1 49.7 74.5

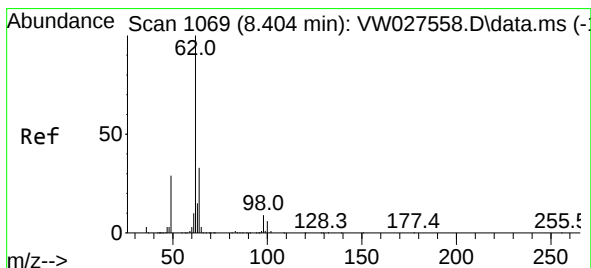
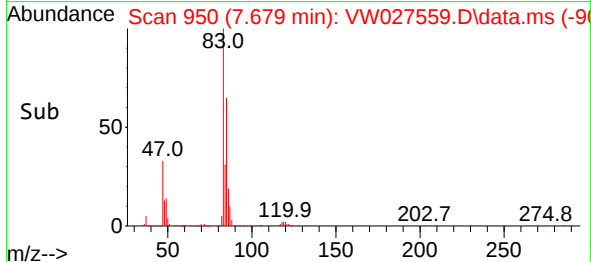
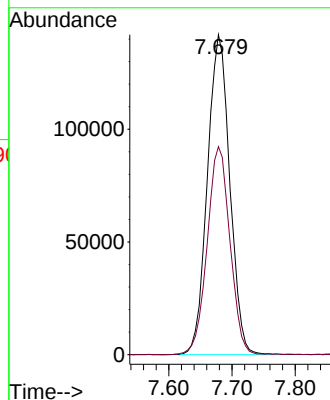
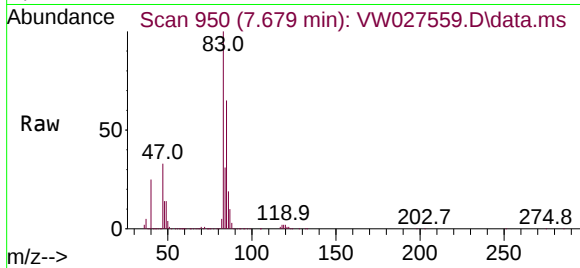




#25
Chloroform
Concen: 48.630 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

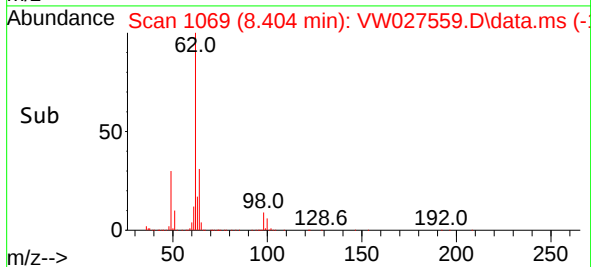
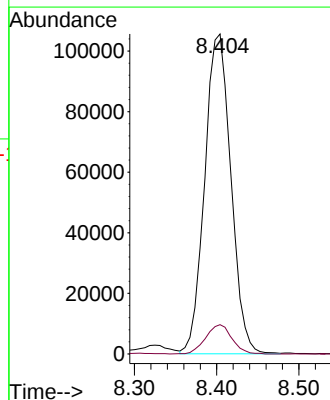
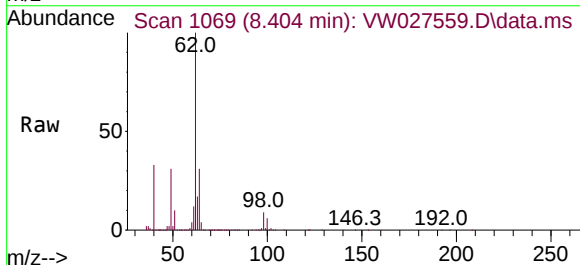
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

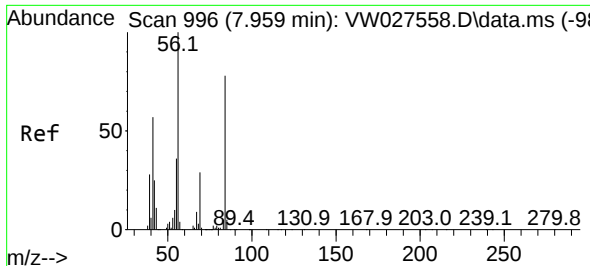
Tgt Ion: 83 Resp: 349118
Ion Ratio Lower Upper
83 100
85 65.0 49.8 92.6



#27
1,2-Dichloroethane
Concen: 51.301 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 62 Resp: 233820
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0

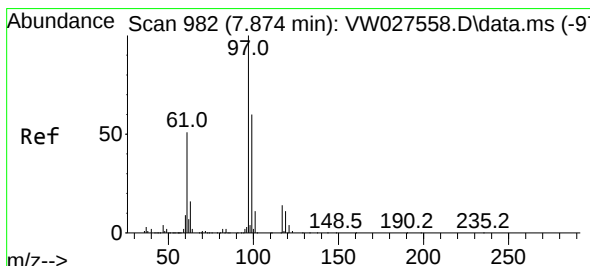
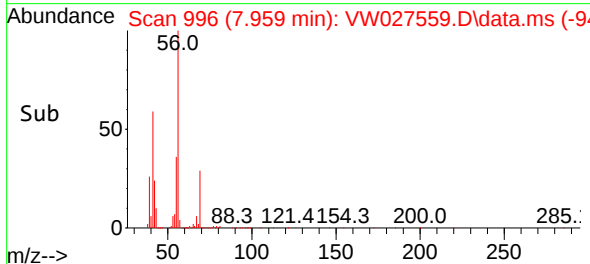
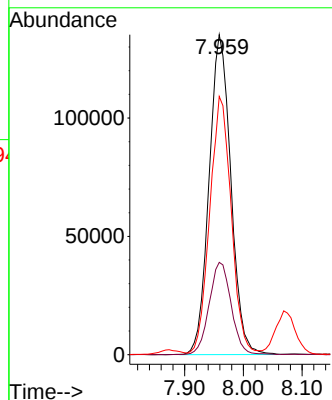
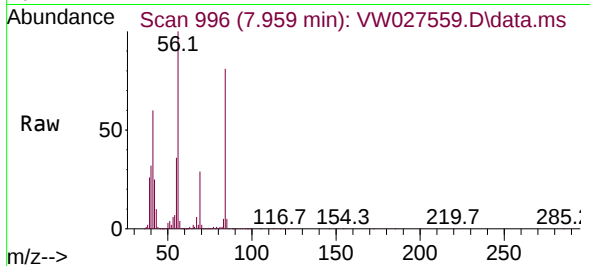




#29
Cyclohexane
Concen: 44.613 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

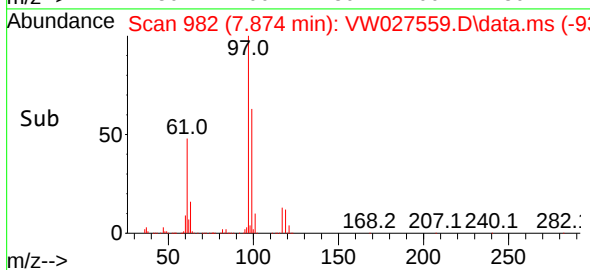
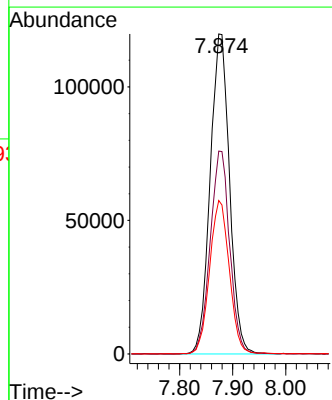
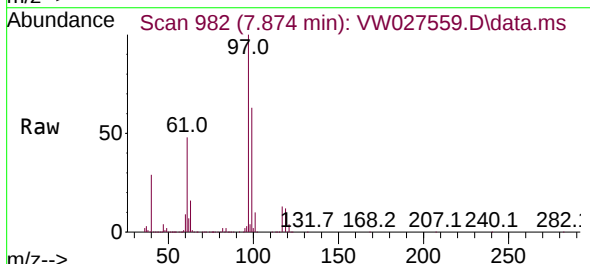
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

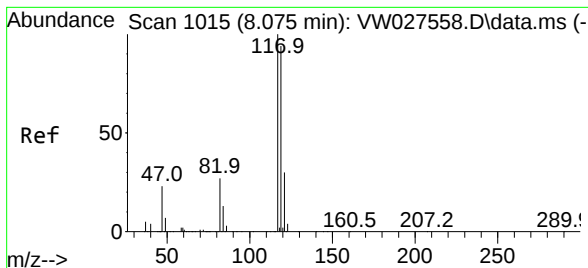
Tgt Ion: 56 Resp: 348107
Ion Ratio Lower Upper
56 100
69 29.1 24.1 36.1
84 79.9 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 49.046 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 97 Resp: 303884
Ion Ratio Lower Upper
97 100
99 63.4 50.5 75.7
61 48.8 39.0 58.4

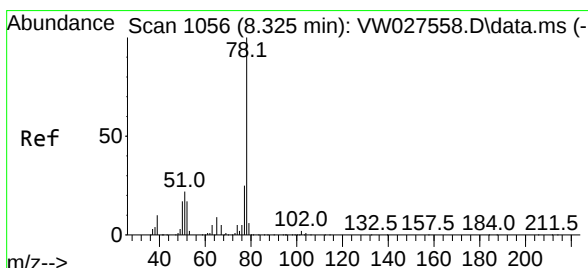
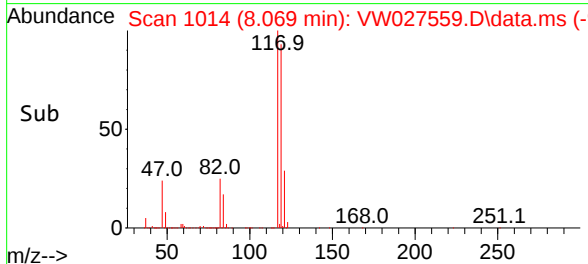
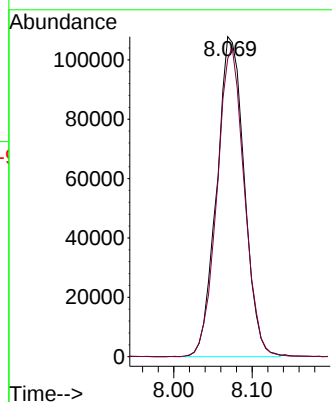
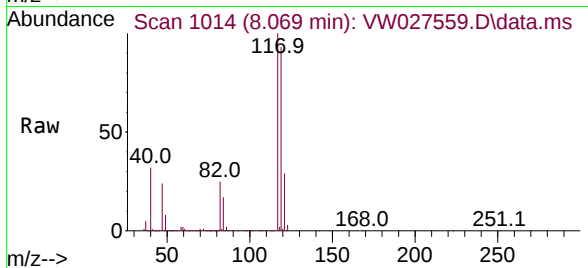




#31
Carbon tetrachloride
Concen: 48.721 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

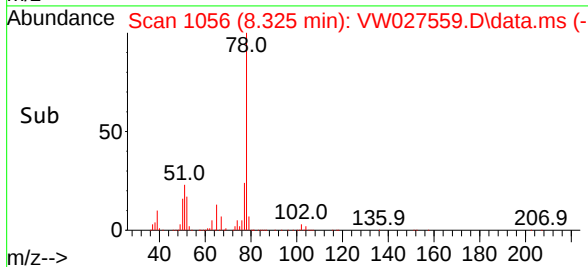
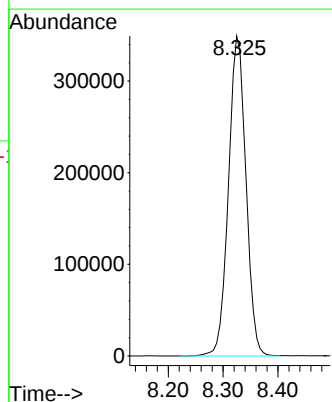
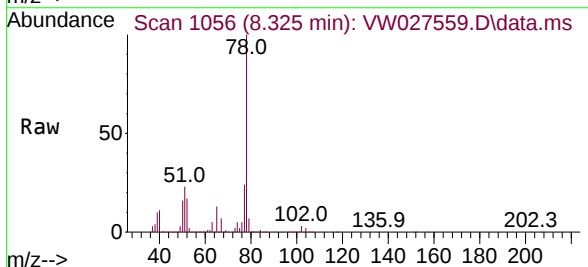
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ClientSampleId :
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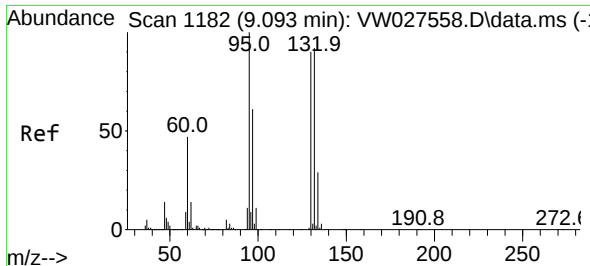
Tgt Ion:117 Resp: 263473
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6



#33
Benzene
Concen: 46.229 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 78 Resp: 774225



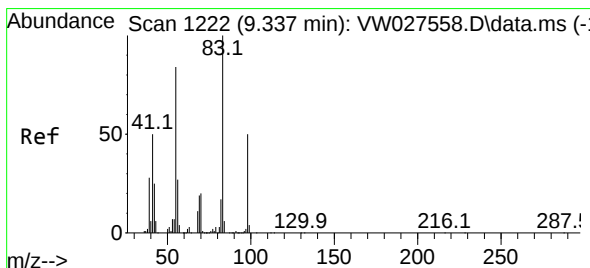
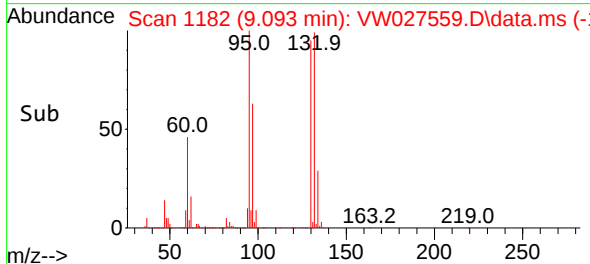
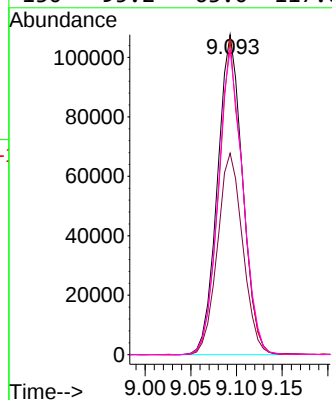
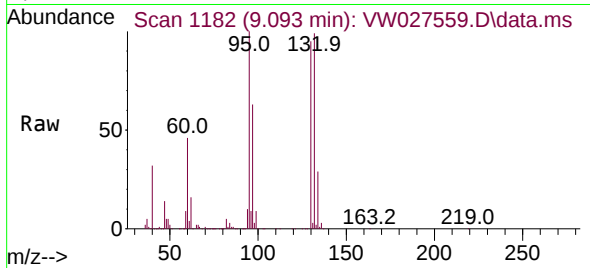


#34
Trichloroethene
Concen: 46.787 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

Tgt Ion: 95 Resp: 205144

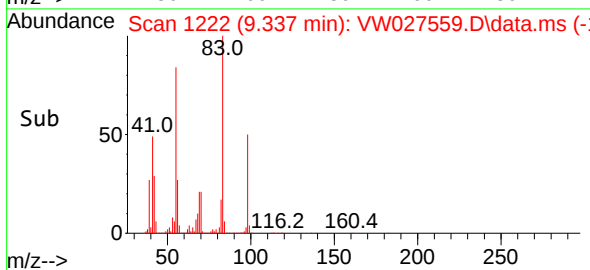
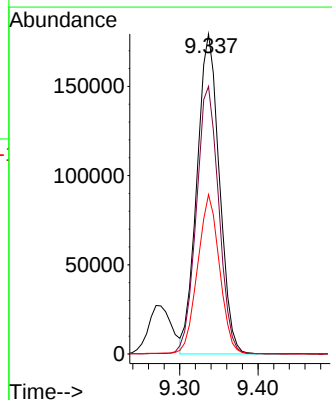
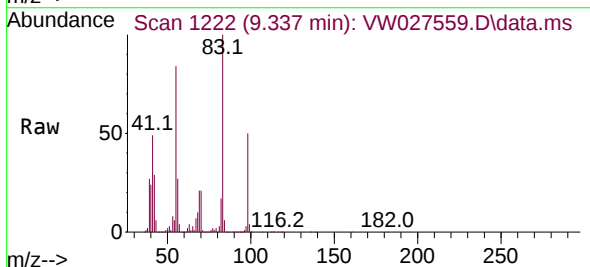
Ion	Ratio	Lower	Upper
95	100		
97	62.9	43.0	80.0
132	98.6	64.1	119.1
130	95.2	63.0	117.0

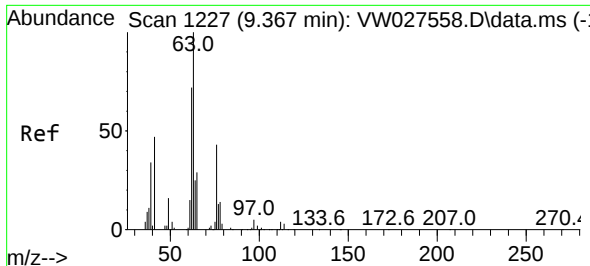


#35
Methylcyclohexane
Concen: 44.647 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 83 Resp: 356913

Ion	Ratio	Lower	Upper
83	100		
55	83.5	65.6	98.4
98	48.5	38.3	57.5





#37

1,2-Dichloropropane

Concen: 48.228 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

Instrument :

MSVOA_W

ClientSampleId :

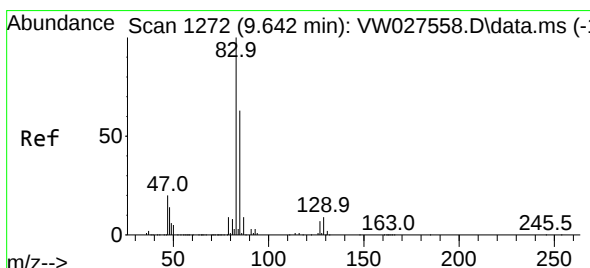
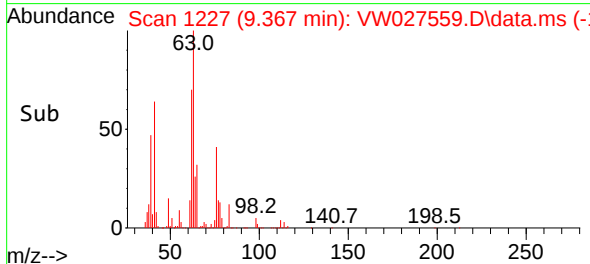
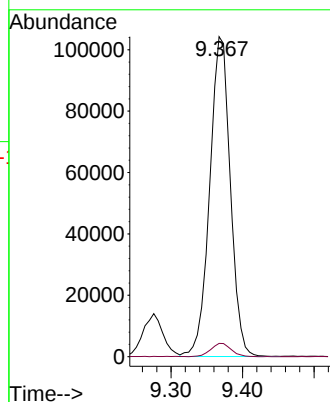
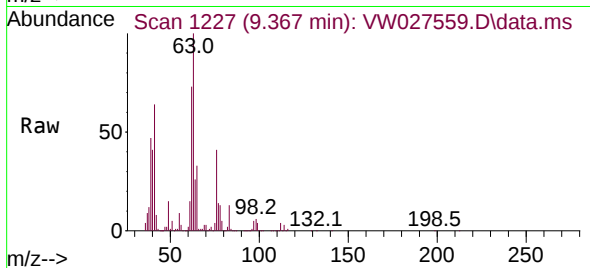
VSTD050475

Tgt Ion: 63 Resp: 208938

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 50.429 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

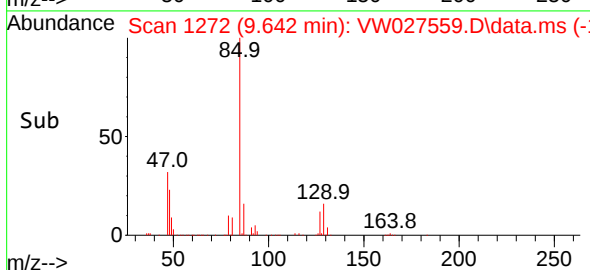
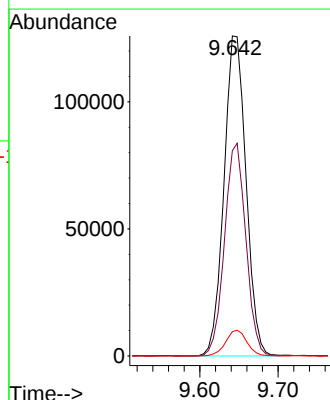
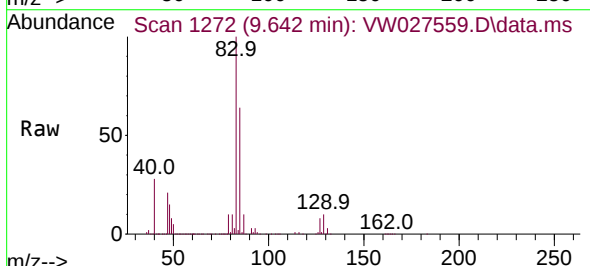
Tgt Ion: 83 Resp: 246612

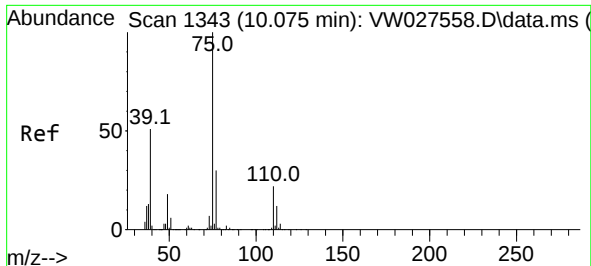
Ion Ratio Lower Upper

83 100

85 64.1 44.3 82.3

127 7.6 5.3 7.9

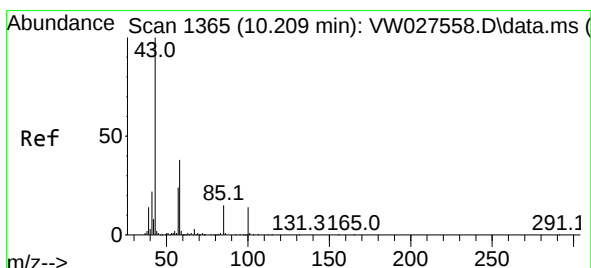
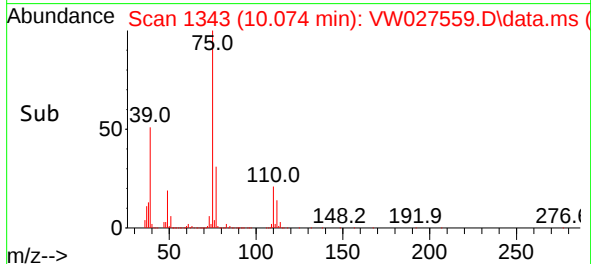
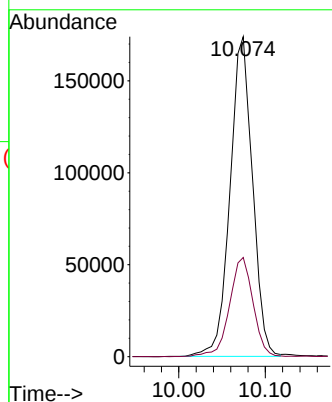
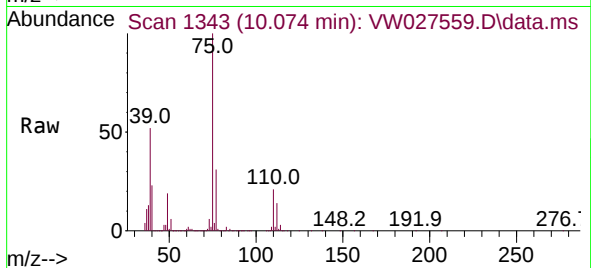




#39
cis-1,3-Dichloropropene
Concen: 49.894 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

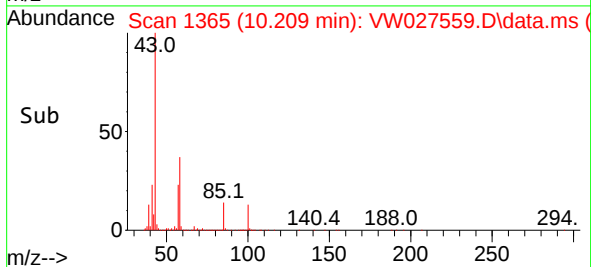
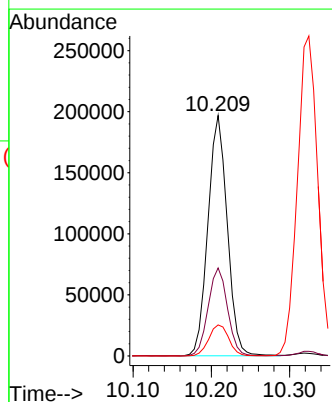
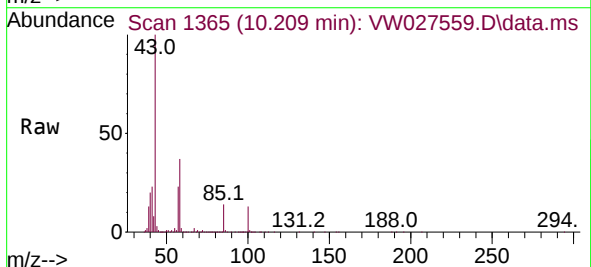
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

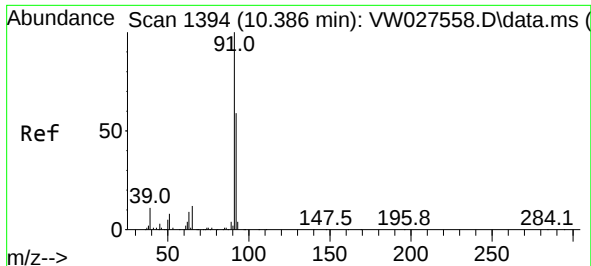
Tgt Ion: 75 Resp: 313362
Ion Ratio Lower Upper
75 100
77 31.0 21.1 39.1



#40
4-Methyl-2-pentanone
Concen: 146.801 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 43 Resp: 336852
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4
100 13.5 11.1 16.7

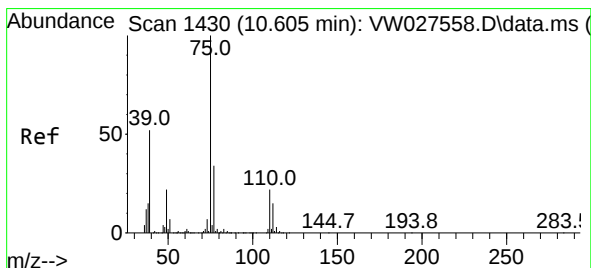
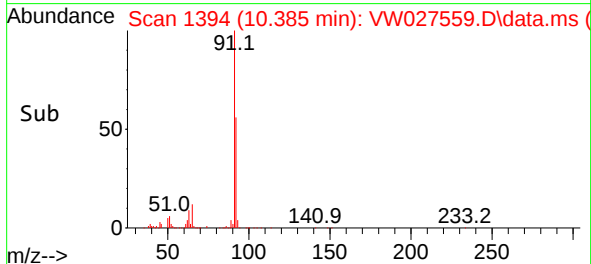
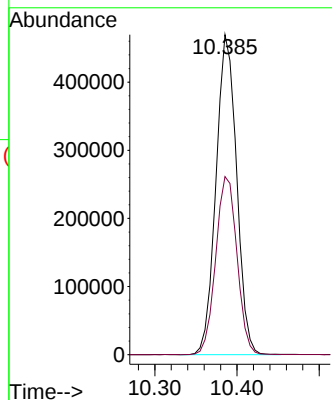
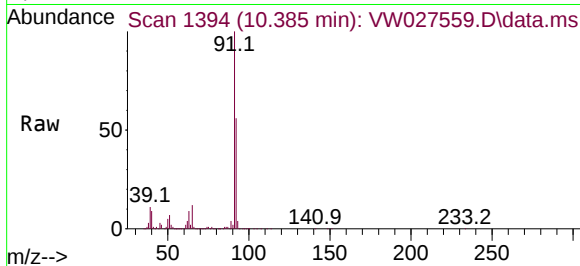




#42
Toluene
Concen: 47.101 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

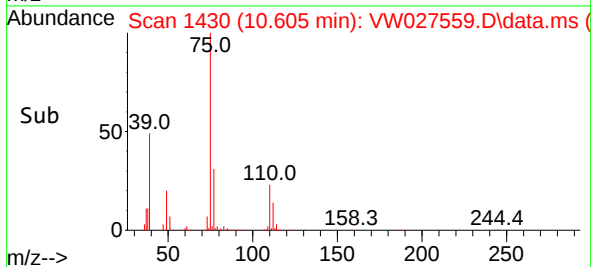
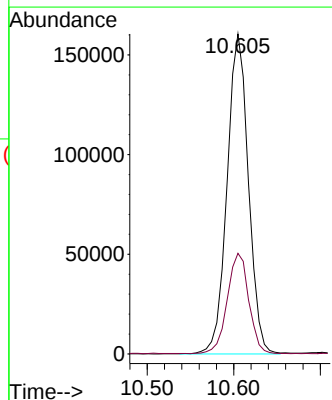
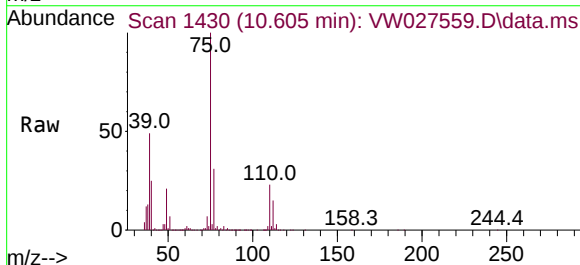
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

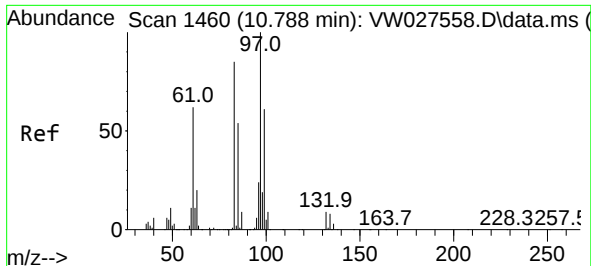
Tgt Ion: 91 Resp: 817986
Ion Ratio Lower Upper
91 100
92 55.6 41.4 76.8



#44
trans-1,3-Dichloropropene
Concen: 55.198 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 75 Resp: 274206
Ion Ratio Lower Upper
75 100
77 31.5 23.7 44.1

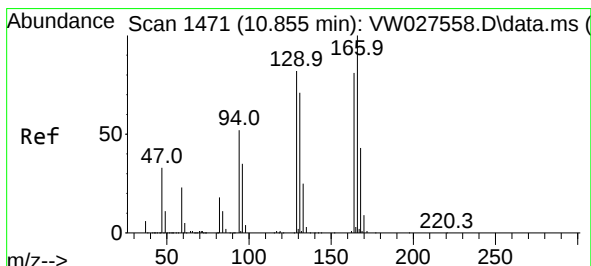
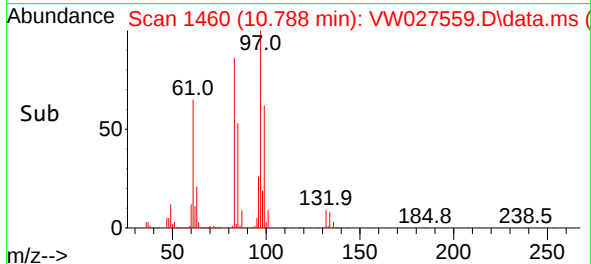
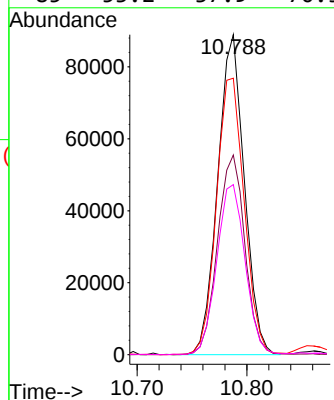
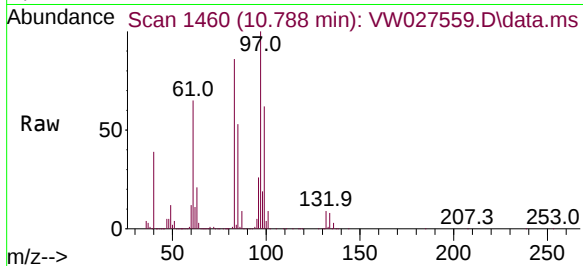




#45
1,1,2-Trichloroethane
Concen: 54.371 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

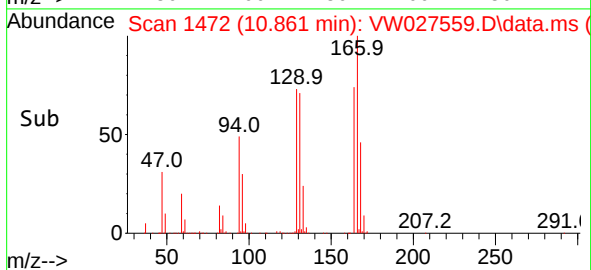
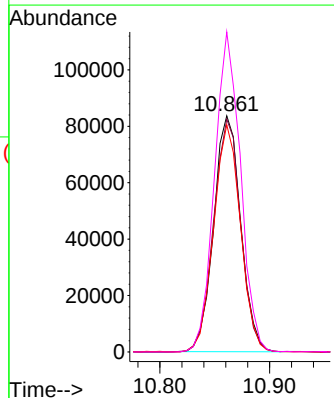
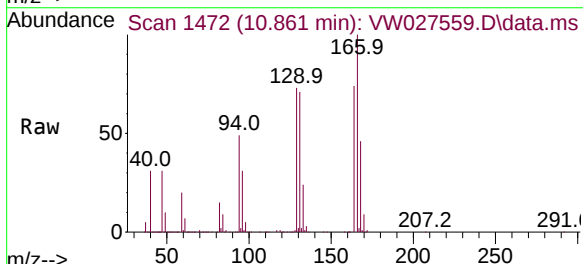
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

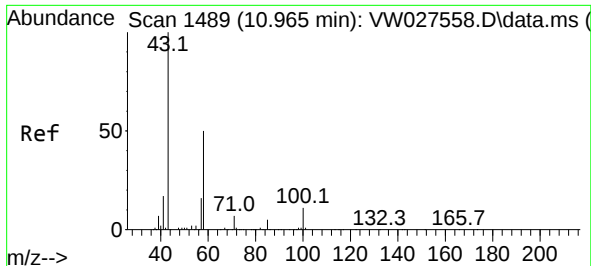
Tgt Ion:	97	Resp:	150196
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.8	79.4
83	86.4	59.9	111.3
85	53.2	37.9	70.5



#46
Tetrachloroethene
Concen: 45.559 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion:	164	Resp:	143003
Ion	Ratio	Lower	Upper
164	100		
129	98.6	71.0	131.8
131	96.2	61.2	113.6
166	135.5	86.6	160.8

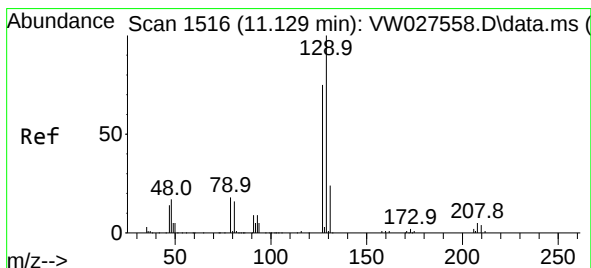
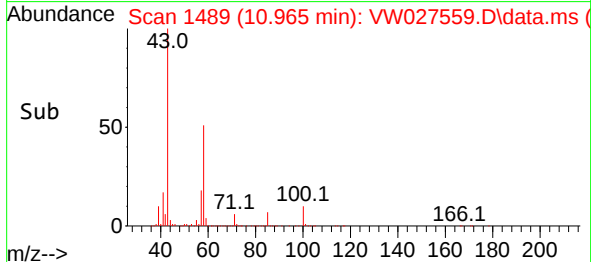
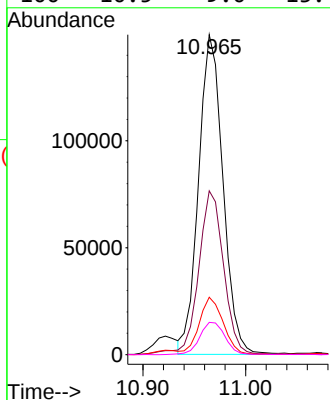
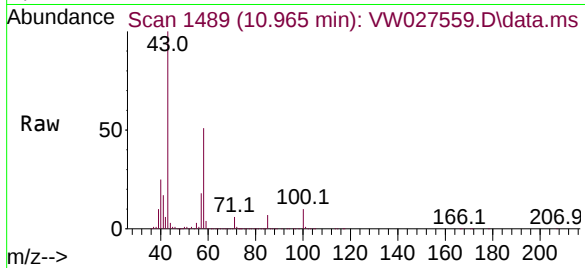




#48
2-Hexanone
Concen: 142.928 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

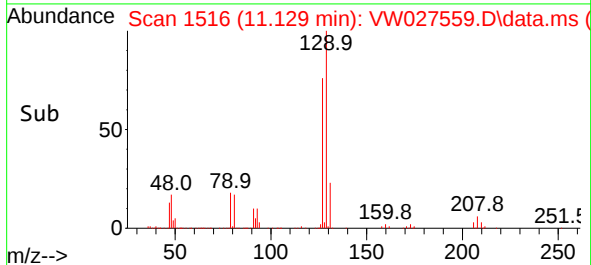
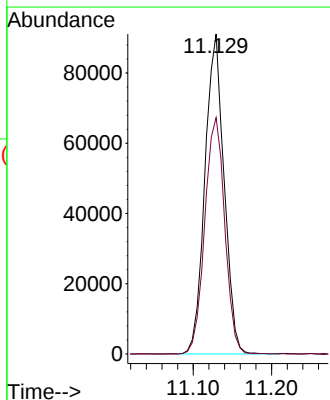
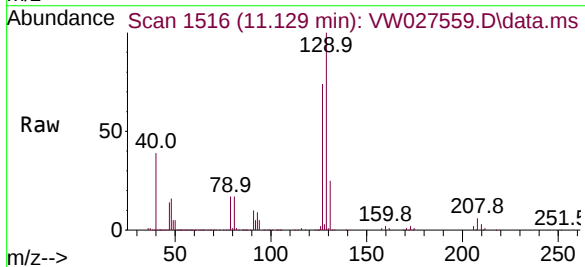
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

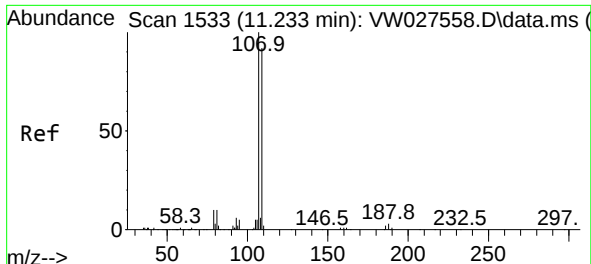
Tgt Ion: 43 Resp: 246833
Ion Ratio Lower Upper
43 100
58 51.0 40.8 61.2
57 17.7 14.8 22.2
100 10.5 9.0 13.4



#49
Dibromochloromethane
Concen: 55.334 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 129 Resp: 154665
Ion Ratio Lower Upper
129 100
127 73.9 52.3 97.1





#50

1,2-Dibromoethane

Concen: 56.957 ug/L

RT: 11.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD050475

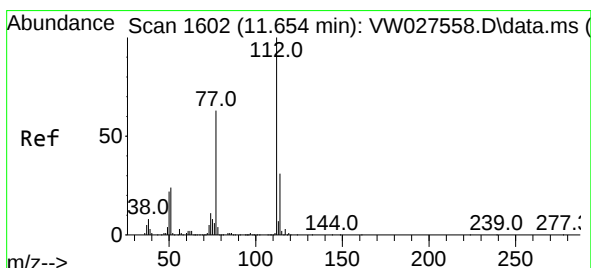
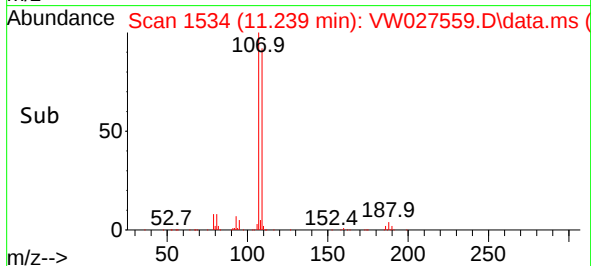
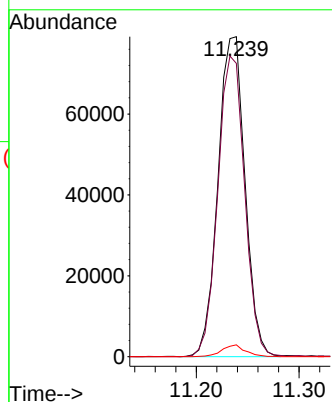
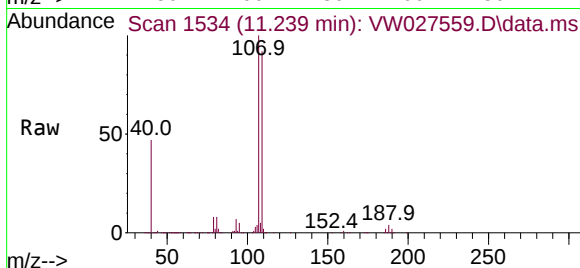
Tgt Ion:107 Resp: 144387

Ion Ratio Lower Upper

107 100

109 91.7 64.8 120.3

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 47.142 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

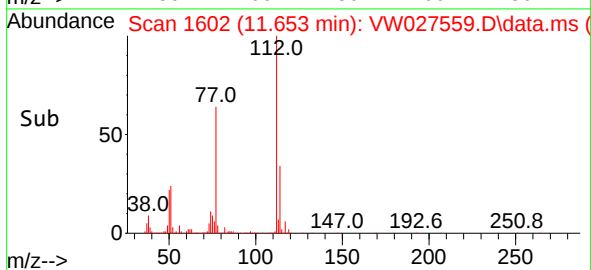
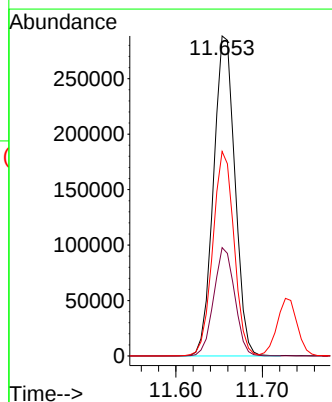
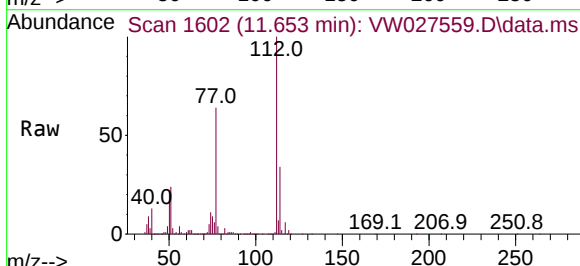
Tgt Ion:112 Resp: 496789

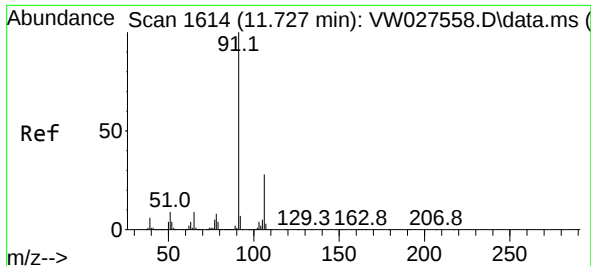
Ion Ratio Lower Upper

112 100

114 33.9 21.5 39.9

77 63.9 50.6 76.0

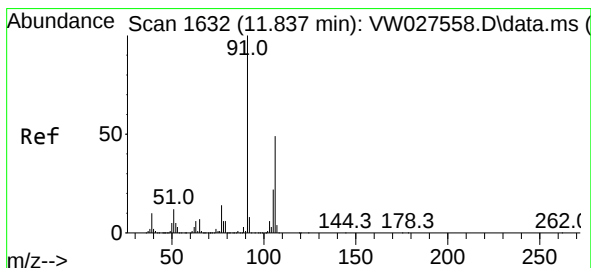
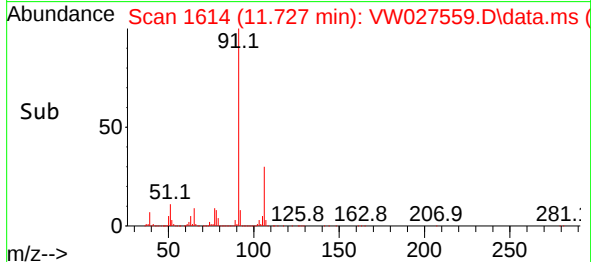
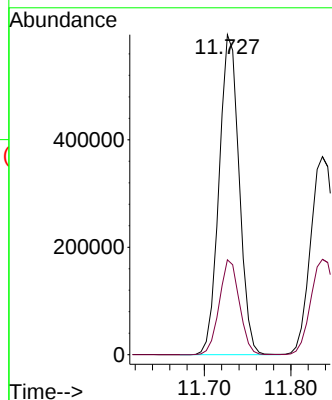
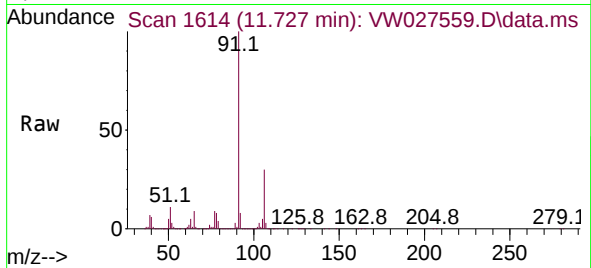




#52
Ethylbenzene
Concen: 48.360 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

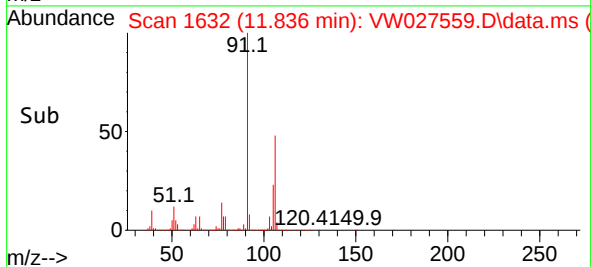
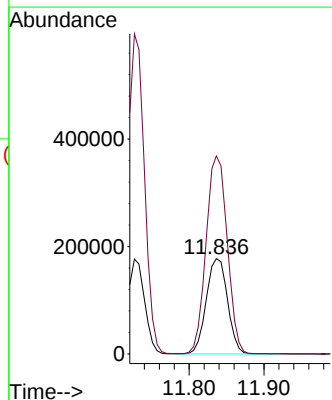
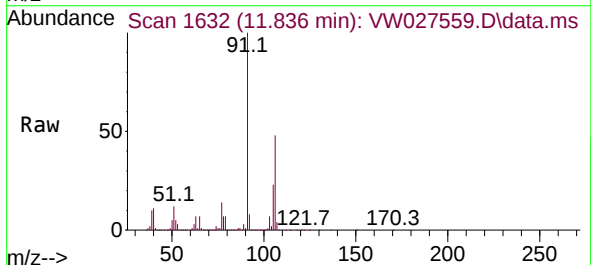
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

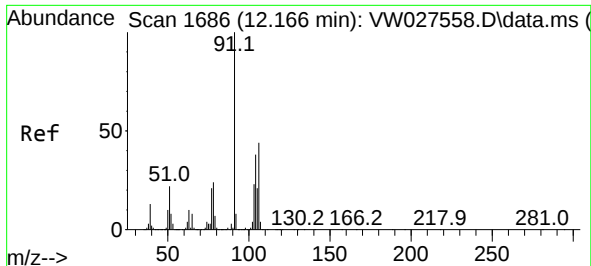
Tgt Ion: 91 Resp: 957901
Ion Ratio Lower Upper
91 100
106 29.6 19.5 36.1



#53
m,p-Xylene
Concen: 48.251 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion:106 Resp: 350255
Ion Ratio Lower Upper
106 100
91 207.8 142.1 263.9

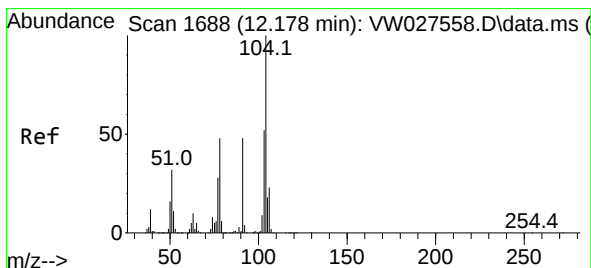
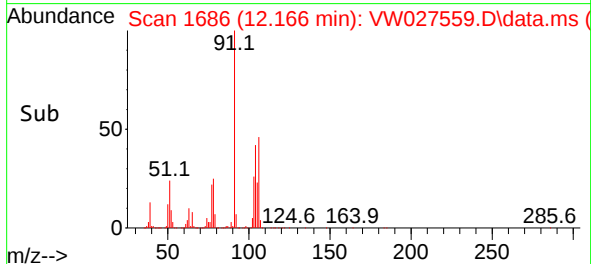
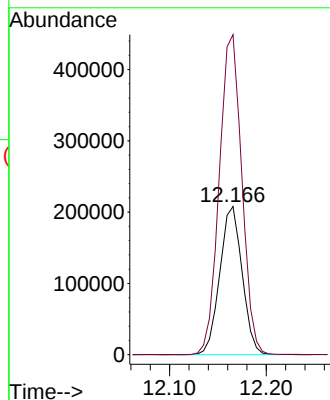
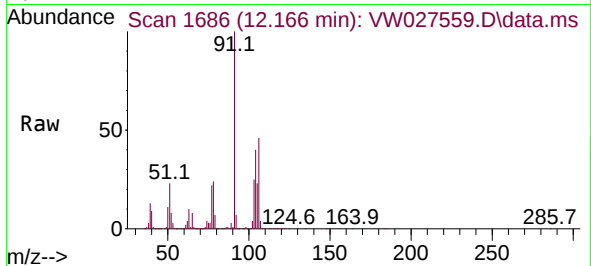




#54
o-Xylene
Concen: 49.037 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

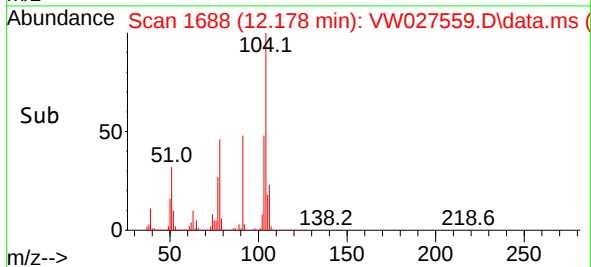
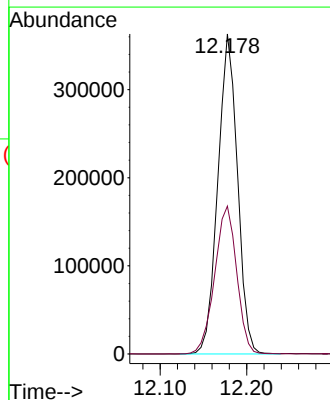
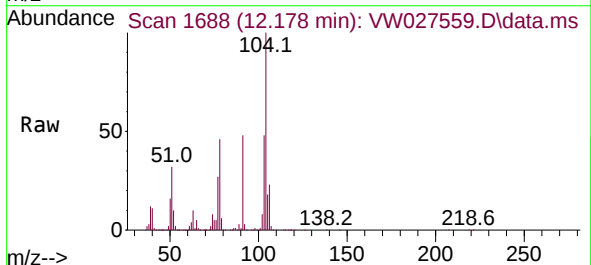
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

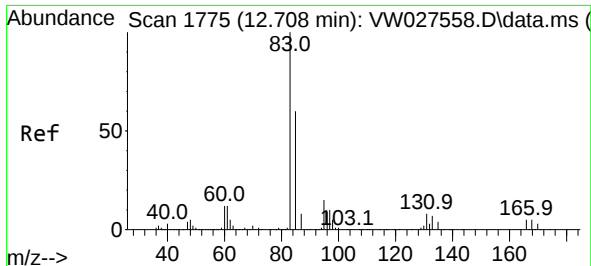
Tgt Ion:106 Resp: 333496
Ion Ratio Lower Upper
106 100
91 215.9 158.8 295.0



#55
Styrene
Concen: 49.671 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion:104 Resp: 571498
Ion Ratio Lower Upper
104 100
78 46.2 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 66.373 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD050475

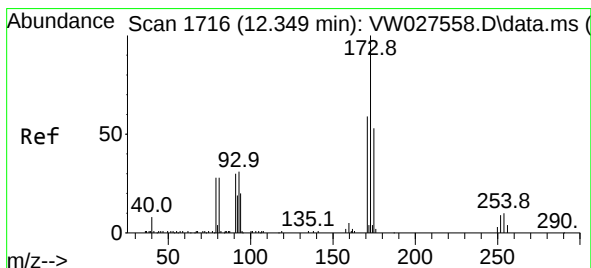
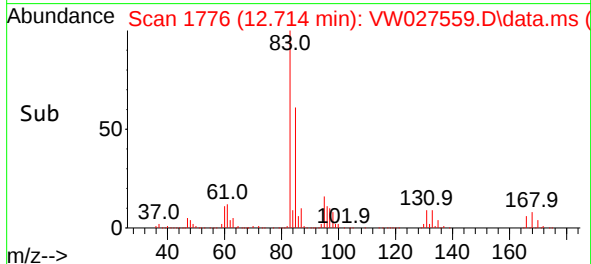
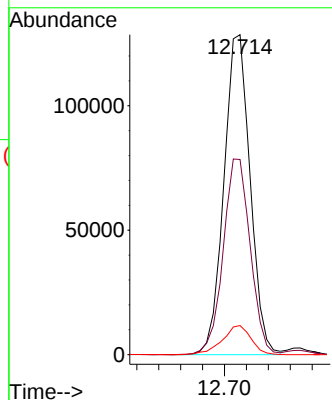
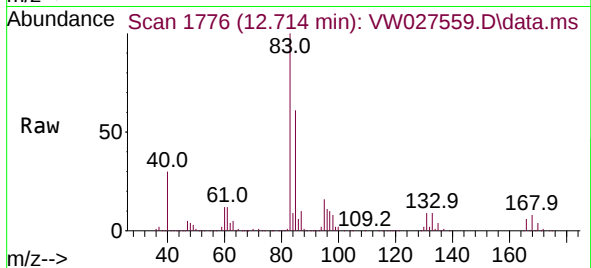
Tgt Ion: 83 Resp: 213500

Ion Ratio Lower Upper

83 100

85 61.0 41.9 77.7

131 9.1 7.0 10.6



#59

Bromoform

Concen: 57.124 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

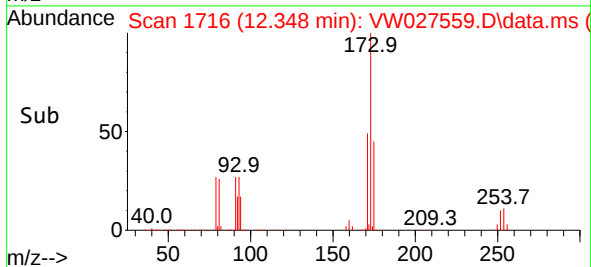
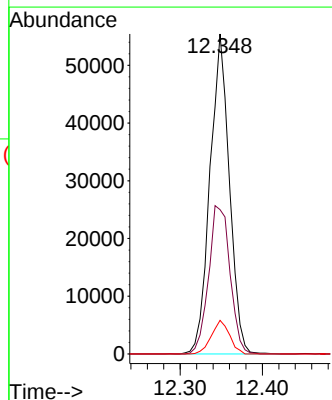
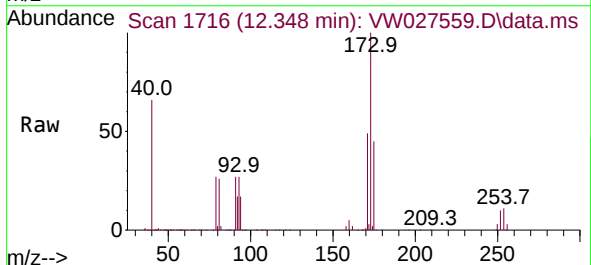
Tgt Ion:173 Resp: 90779

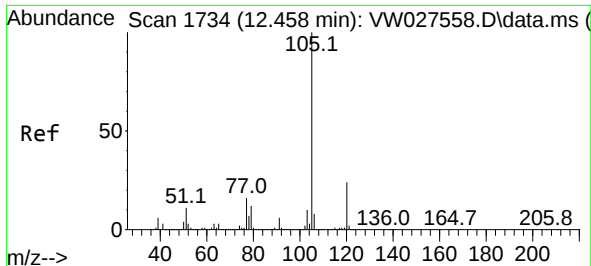
Ion Ratio Lower Upper

173 100

175 51.1 39.4 59.0

254 9.8 7.8 11.8

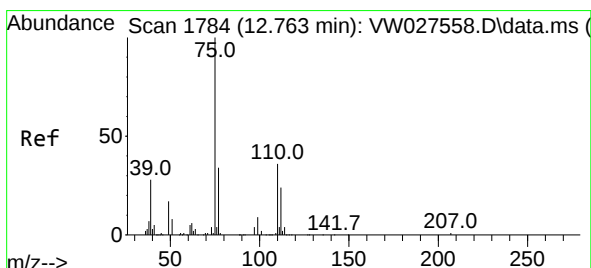
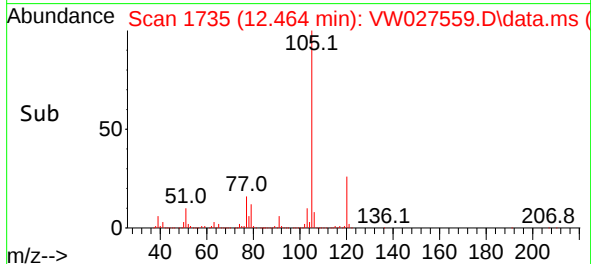
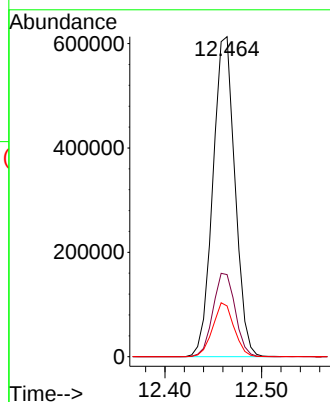
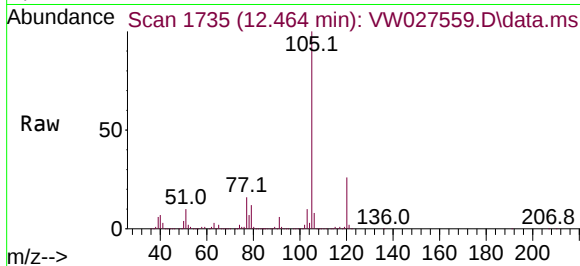




#60
Isopropylbenzene
Concen: 45.736 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

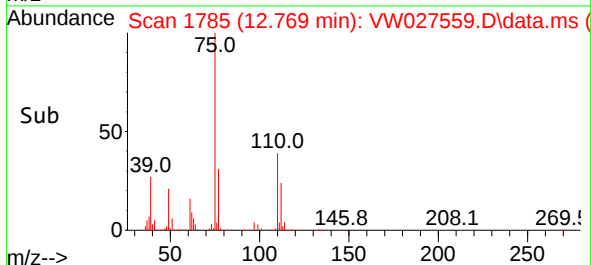
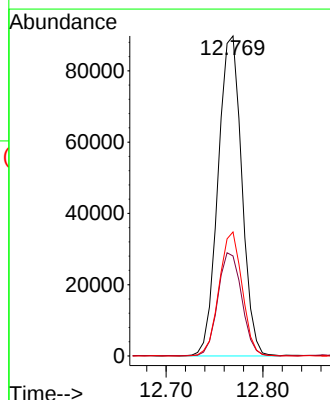
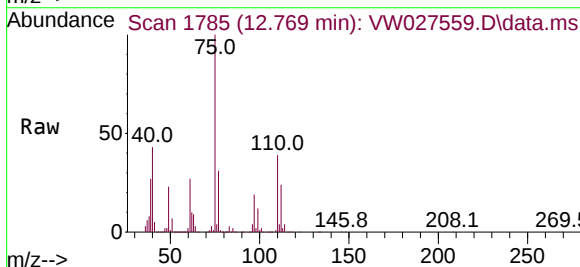
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

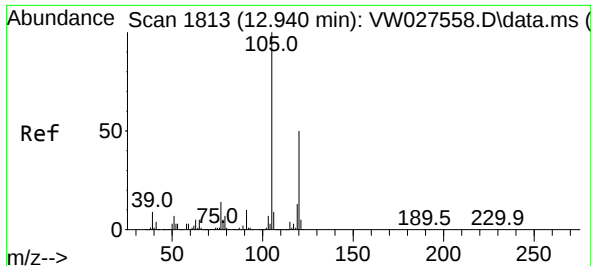
Tgt Ion:105 Resp: 971685
Ion Ratio Lower Upper
105 100
120 26.3 20.3 30.5
77 16.2 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 60.573 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion: 75 Resp: 152955
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8
110 37.6 30.2 45.4





#62

1,3,5-Trimethylbenzene

Concen: 46.227 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

Instrument :

MSVOA_W

ClientSampleId :

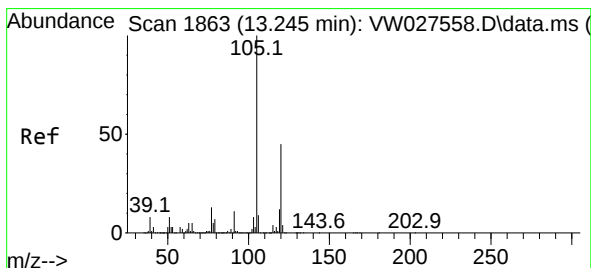
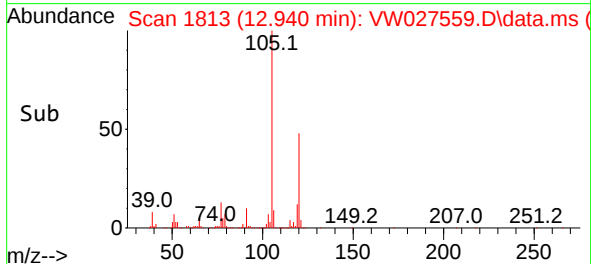
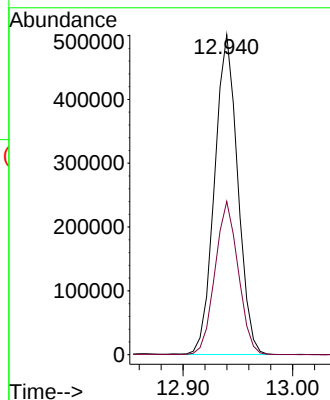
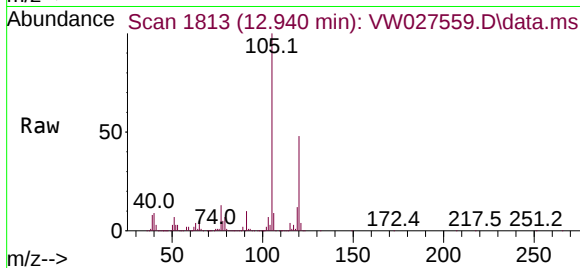
VSTD050475

Tgt Ion:105 Resp: 735446

Ion Ratio Lower Upper

105 100

120 47.9 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 45.945 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027559.D

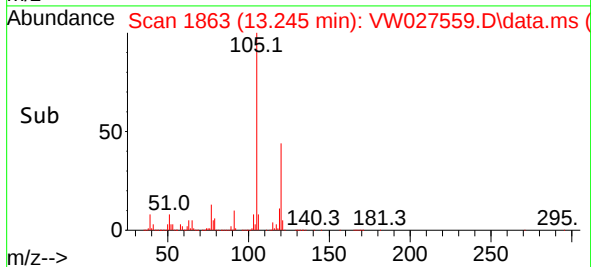
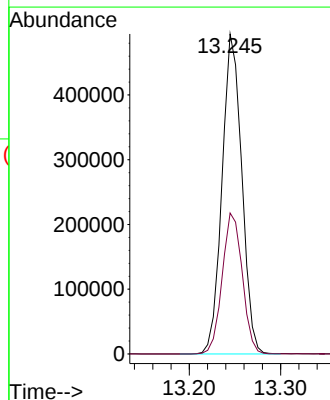
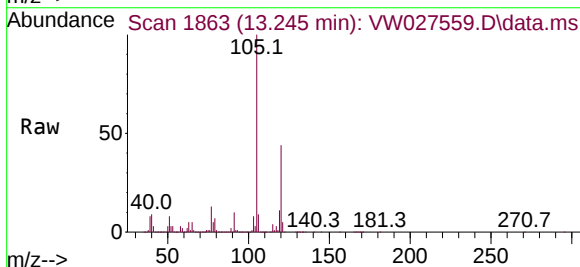
Acq: 06 Dec 2023 10:47

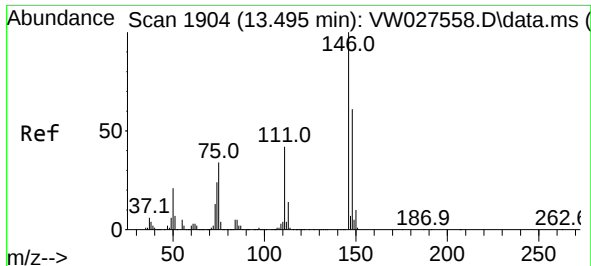
Tgt Ion:105 Resp: 742645

Ion Ratio Lower Upper

105 100

120 44.8 36.9 55.3

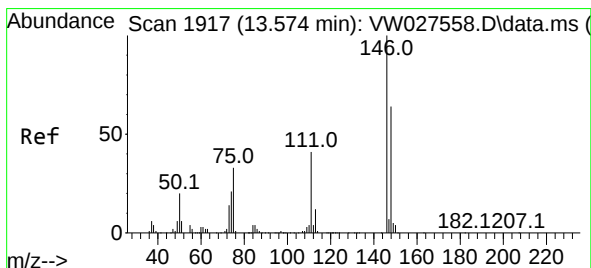
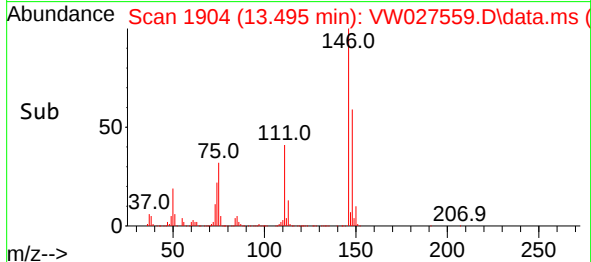
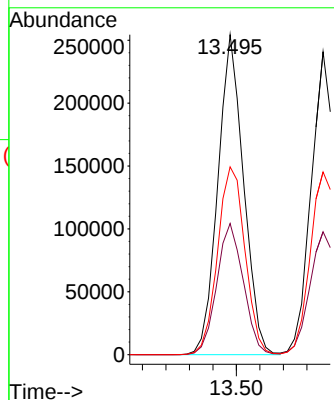
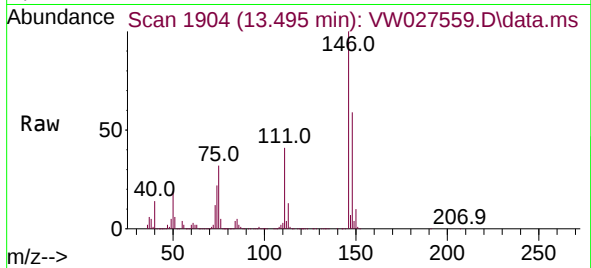




#64
1,3-Dichlorobenzene
Concen: 46.565 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

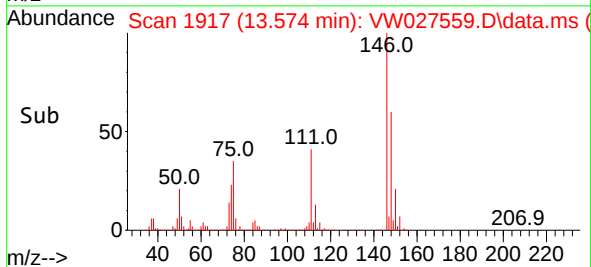
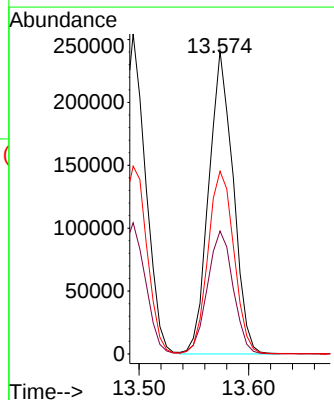
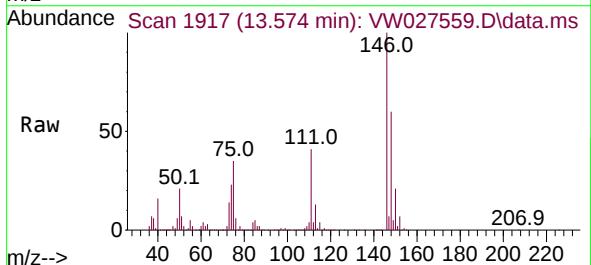
Instrument :
MSVOA_W
ClientSampleId :
VSTD050475

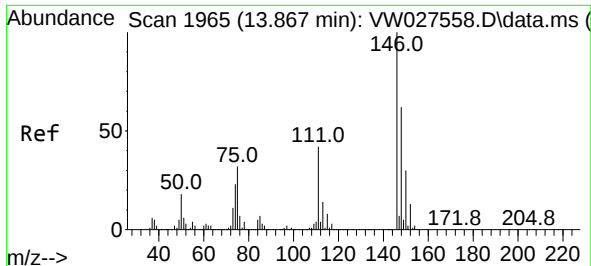
Tgt Ion:146 Resp: 386841
Ion Ratio Lower Upper
146 100
111 41.0 29.5 54.7
148 58.7 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 44.711 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027559.D
Acq: 06 Dec 2023 10:47

Tgt Ion:146 Resp: 372456
Ion Ratio Lower Upper
146 100
111 40.6 28.9 53.7
148 60.3 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 46.319 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD050475

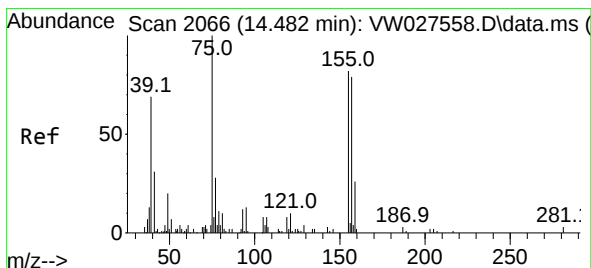
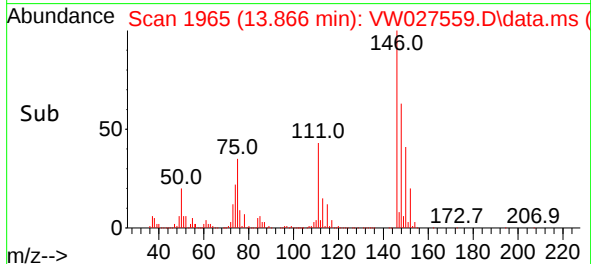
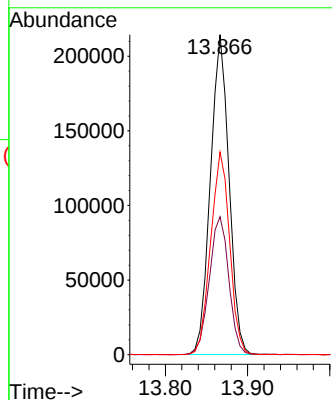
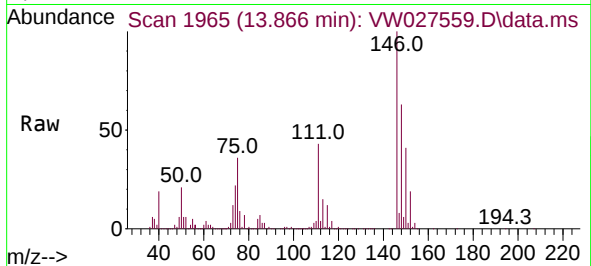
Tgt Ion:146 Resp: 336878

Ion Ratio Lower Upper

146 100

111 43.1 33.9 50.9

148 63.3 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 62.918 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

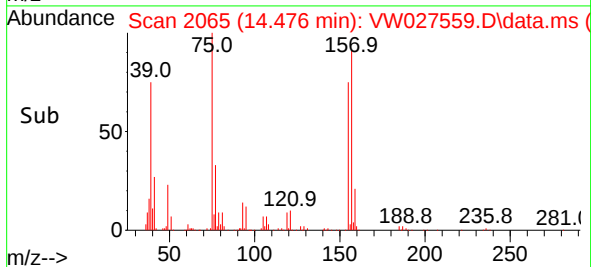
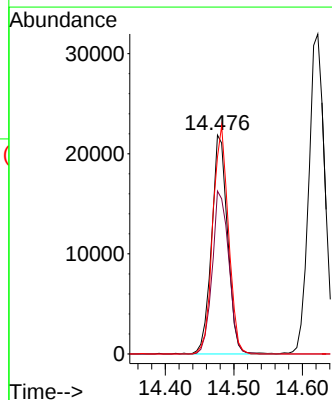
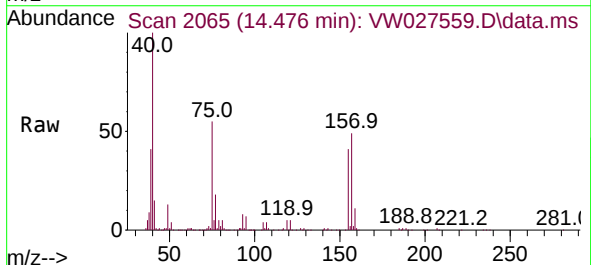
Tgt Ion: 75 Resp: 35547

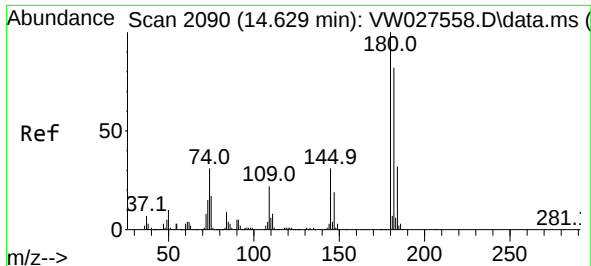
Ion Ratio Lower Upper

75 100

155 74.4 65.8 98.8

157 90.0 63.0 94.6





#69

1,3,5-Trichlorobenzene

Concen: 46.336 ug/L

RT: 14.622 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD050475

Tgt Ion:180 Resp: 249853

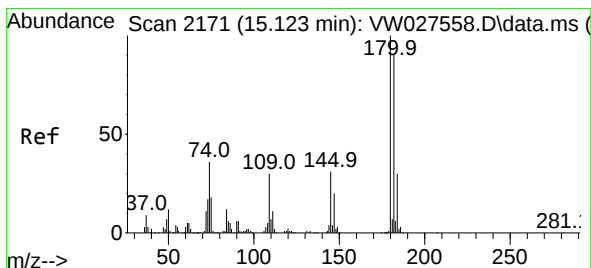
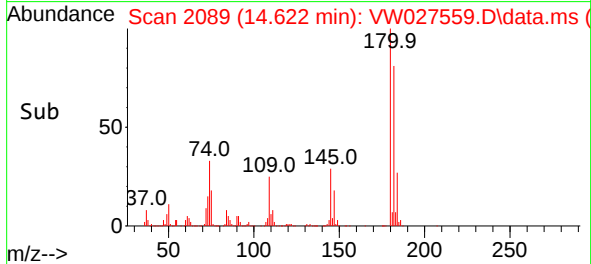
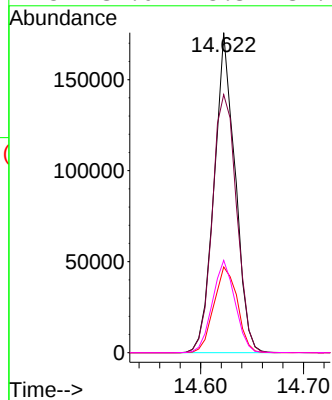
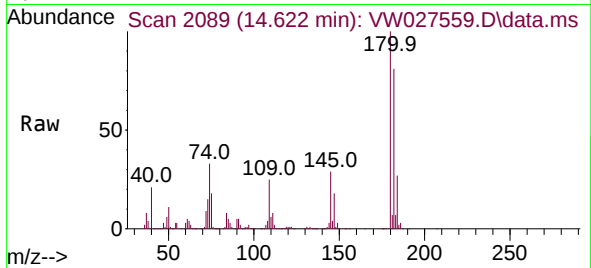
Ion Ratio Lower Upper

180 100

182 93.3 73.2 109.8

184 30.0 25.4 38.2

145 31.0 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 46.743 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

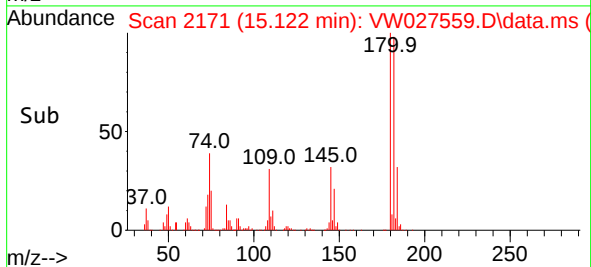
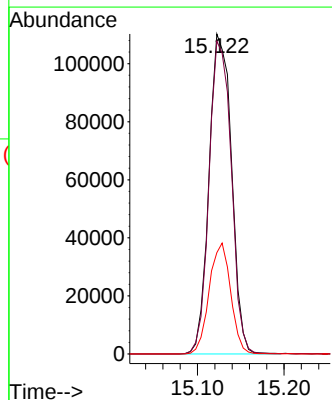
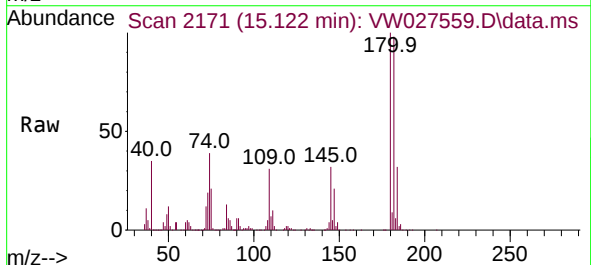
Tgt Ion:180 Resp: 198608

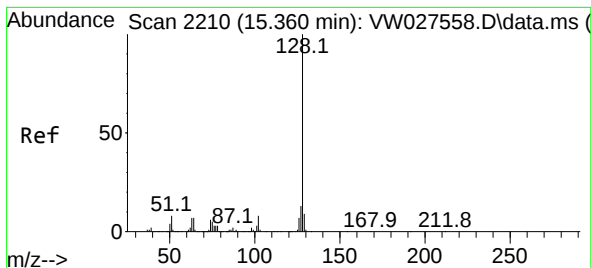
Ion Ratio Lower Upper

180 100

182 96.5 78.7 118.1

145 33.2 26.8 40.2





#71

Naphthalene

Concen: 60.599 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD050475

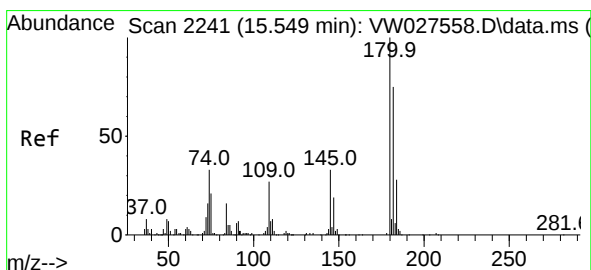
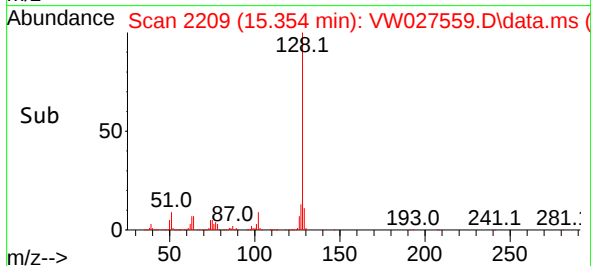
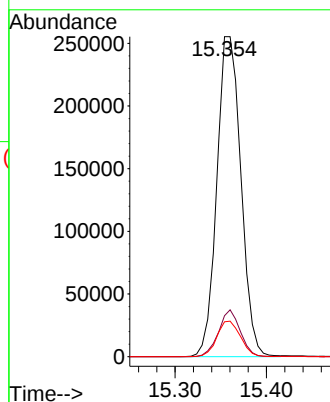
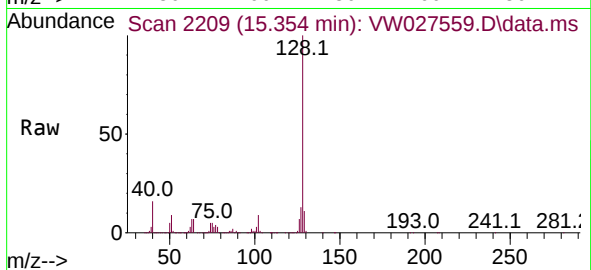
Tgt Ion:128 Resp: 467690

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 50.790 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027559.D

Acq: 06 Dec 2023 10:47

Tgt Ion:180 Resp: 178770

Ion Ratio Lower Upper

180 100

182 87.4 72.4 108.6

145 34.1 27.4 41.0

