

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027557.D
 Acq On : 06 Dec 2023 10:00
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005473

Quant Time: Dec 07 06:35:43 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	244022	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	218695	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	28760	6.372	ug/L	0.00
7) Chloroethane-d5	2.899	69	18446	5.877	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	11482	5.905	ug/L	0.00
21) 2-Butanone-d5	7.081	46	13911	15.207	ug/L	0.00
24) Chloroform-d	7.648	84	38929	5.526	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	20027	5.812	ug/L	0.00
32) Benzene-d6	8.276	84	80532	5.488	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	24211	5.469	ug/L	0.00
41) Toluene-d8	10.325	98	68226	5.225	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	9235	5.627	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7987	12.672	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19128	6.538	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	19293	4.791	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	15026	5.232	ug/L	91
3) Chloromethane	2.228	50	22462	6.043	ug/L	98
5) Vinyl chloride	2.375	62	26591	6.186	ug/L	98
6) Bromomethane	2.795	94	14212	6.161	ug/L	94
8) Chloroethane	2.936	64	14365	5.922	ug/L	97
9) Trichlorofluoromethane	3.277	101	22777	6.434	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	11499	3.328	ug/L #	58
12) 1,1-Dichloroethene	4.051	96	18623	5.613	ug/L	85
13) Acetone	4.131	43	14591	15.191	ug/L	74
14) Carbon disulfide	4.393	76	62121	5.653	ug/L	97
15) Methyl Acetate	4.472	43	101	0.066	ug/L	100
16) Methylene chloride	4.923	84	23041	5.853	ug/L	94
17) trans-1,2-Dichloroethene	5.441	96	19836	5.714	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	31505	6.232	ug/L	97
19) 1,1-Dichloroethane	6.222	63	39940	5.768	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	21080	5.709	ug/L	99
22) 2-Butanone	7.173	43	17612	14.333	ug/L	98
23) Bromochloromethane	7.526	128	8640	5.803	ug/L	91
25) Chloroform	7.685	83	35471	5.567	ug/L	88
27) 1,2-Dichloroethane	8.404	62	23744	5.870	ug/L	98
29) Cyclohexane	7.959	56	37421	5.399	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	31896	5.795	ug/L	99
31) Carbon tetrachloride	8.069	117	27560	5.737	ug/L	99
33) Benzene	8.325	78	76885	5.168	ug/L	100
34) Trichloroethene	9.099	95	21857	5.612	ug/L	94
35) Methylcyclohexane	9.337	83	37996	5.351	ug/L	97
37) 1,2-Dichloropropane	9.367	63	20960	5.446	ug/L	98
38) Bromodichloromethane	9.642	83	23671	5.449	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	29022	5.202	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	27752	13.615	ug/L	100
42) Toluene	10.386	91	84423	5.472	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	23133	5.242	ug/L	90

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 ClientSampleId :
 VSTD005473

Quant Time: Dec 07 06:35:43 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

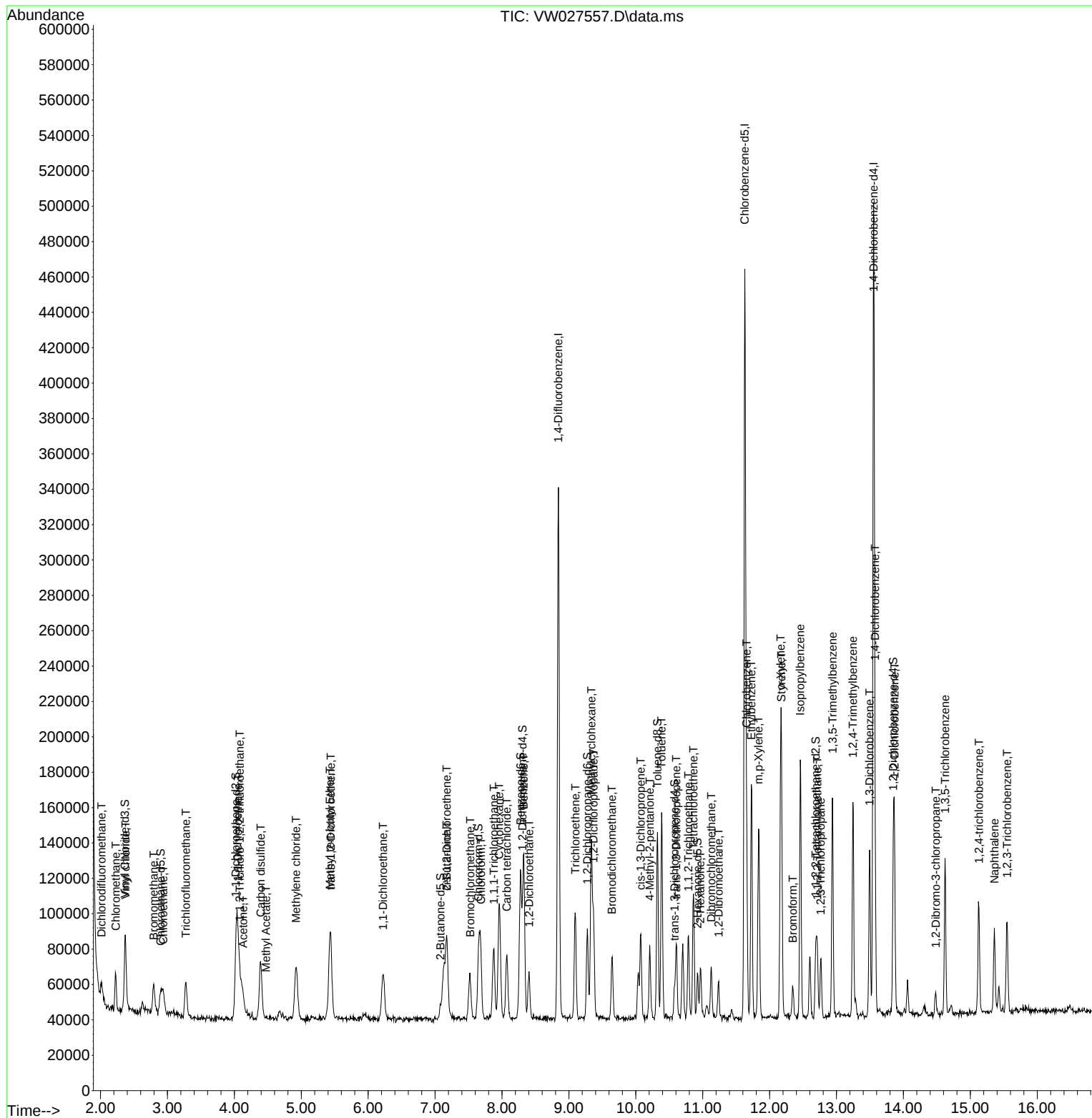
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	15169	6.182	ug/L	99
46) Tetrachloroethene	10.861	164	15741	5.646	ug/L	96
48) 2-Hexanone	10.965	43	19626	12.793	ug/L	99
49) Dibromochloromethane	11.129	129	14332	5.772	ug/L	99
50) 1,2-Dibromoethane	11.239	107	13600	6.039	ug/L	99
51) Chlorobenzene	11.654	112	50848	5.432	ug/L	98
52) Ethylbenzene	11.727	91	91356	5.192	ug/L	95
53) m,p-Xylene	11.836	106	34313	5.321	ug/L	99
54) o-Xylene	12.166	106	30375	5.028	ug/L	92
55) Styrene	12.178	104	51445	5.033	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	19294	6.752	ug/L	94
59) Bromoform	12.349	173	8062	5.808	ug/L #	97
60) Isopropylbenzene	12.458	105	88636	4.777	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	14329	6.497	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	65139	4.688	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	65710	4.655	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	35355	4.873	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	36271	4.985	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	31544	4.966	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	3347	6.783	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	25098	5.329	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	19053	5.134	ug/L	92
71) Naphthalene	15.360	128	38463	5.706	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	15749	5.123	ug/L	94

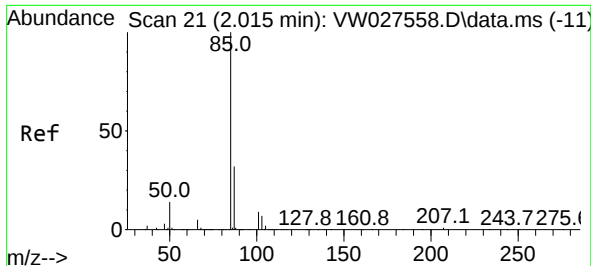
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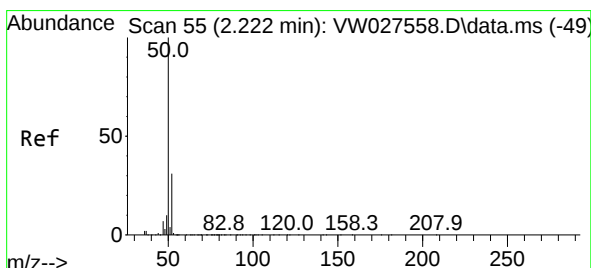
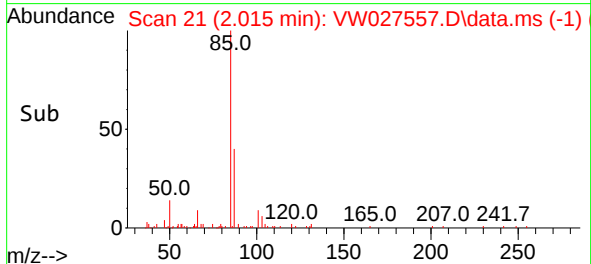
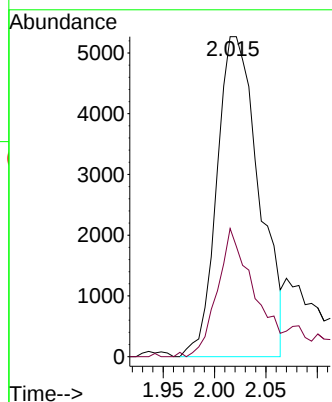
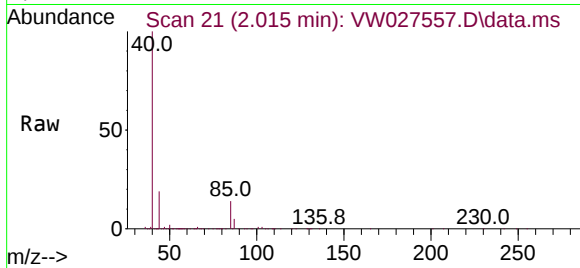




#2
 Dichlorodifluoromethane
 Concen: 5.232 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027557.D
 Acq: 06 Dec 2023 10:00

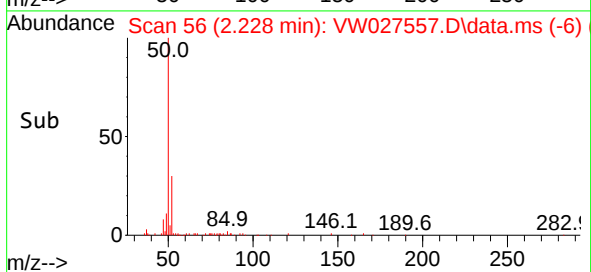
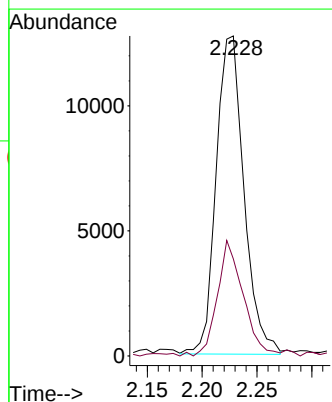
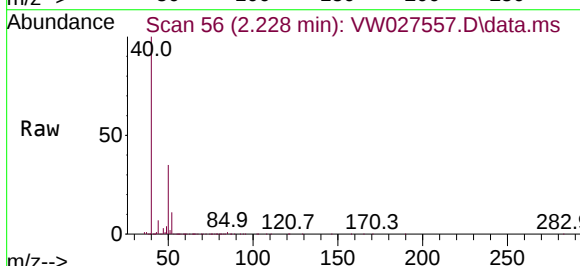
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 ClientSampleId :
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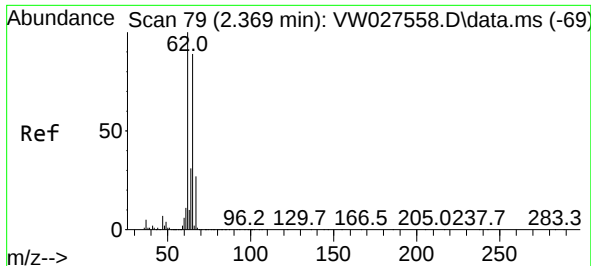
Tgt Ion: 85 Resp: 15026
 Ion Ratio Lower Upper
 85 100
 87 34.8 24.0 36.0



#3
 Chloromethane
 Concen: 6.043 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027557.D
 Acq: 06 Dec 2023 10:00

Tgt Ion: 50 Resp: 22462
 Ion Ratio Lower Upper
 50 100
 52 30.3 21.8 40.6

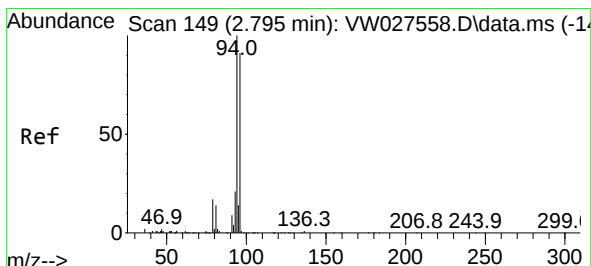
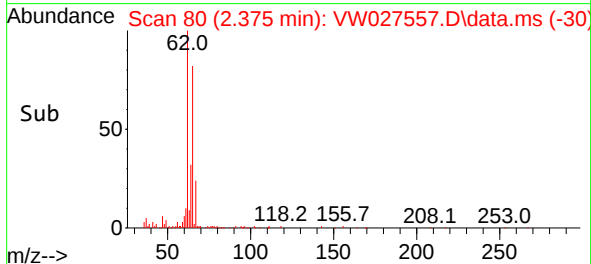
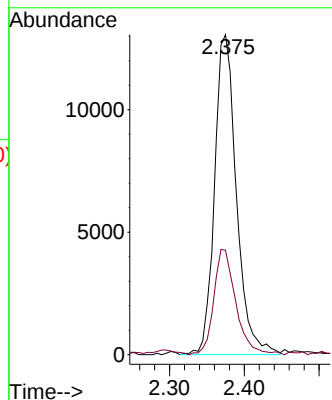
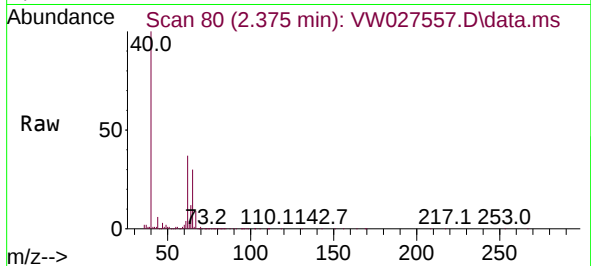




#5
 Vinyl chloride
 Concen: 6.186 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027557.D
 Acq: 06 Dec 2023 10:00

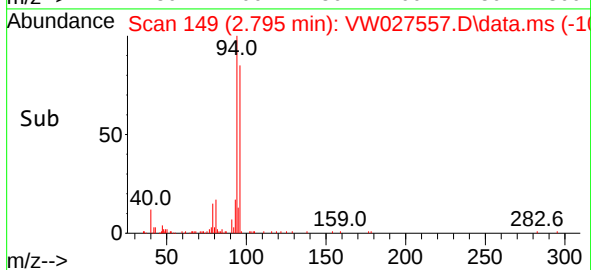
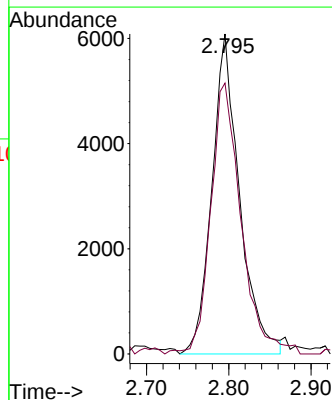
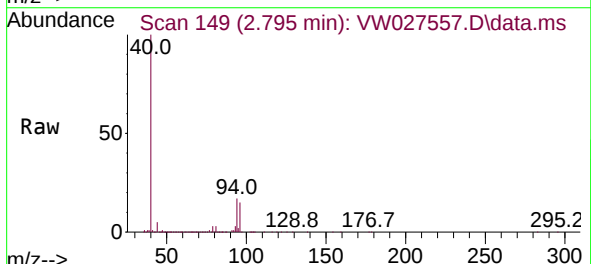
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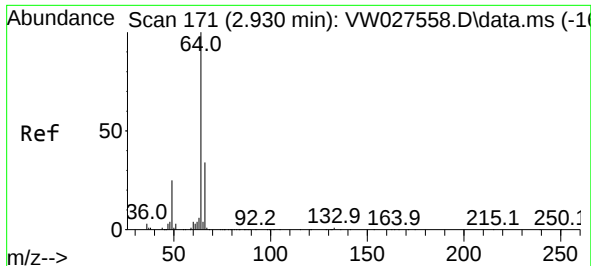
Tgt Ion: 62 Resp: 26591
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.2 41.2



#6
 Bromomethane
 Concen: 6.161 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027557.D
 Acq: 06 Dec 2023 10:00

Tgt Ion: 94 Resp: 14212
 Ion Ratio Lower Upper
 94 100
 96 84.7 63.3 117.7

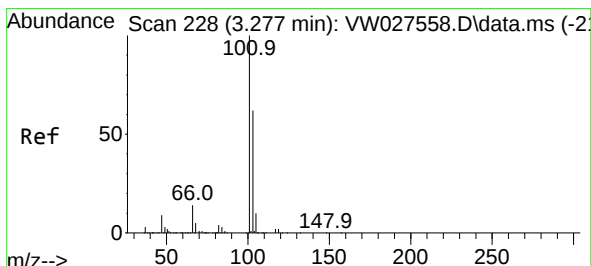
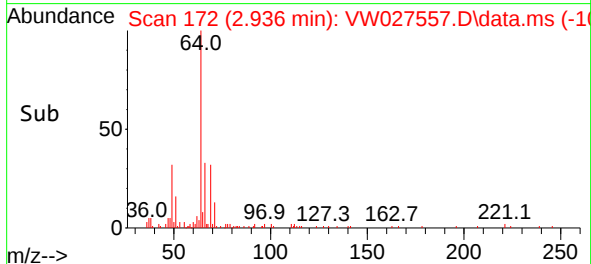
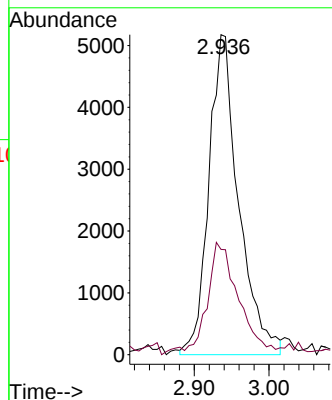
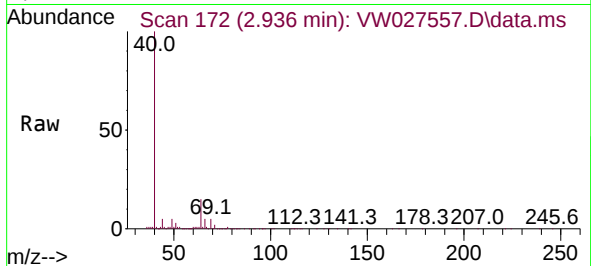




#8
Chloroethane
Concen: 5.922 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

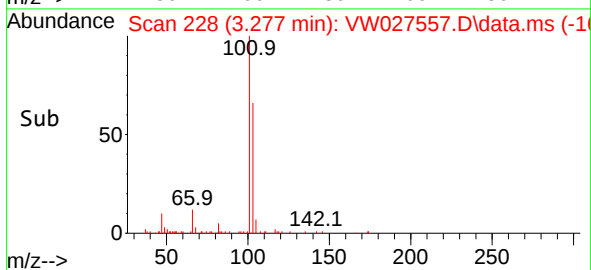
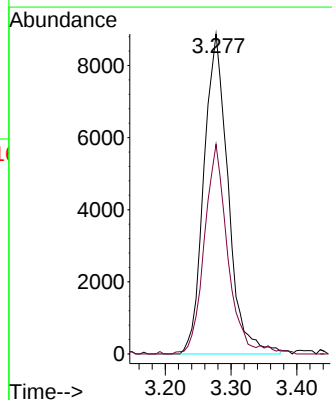
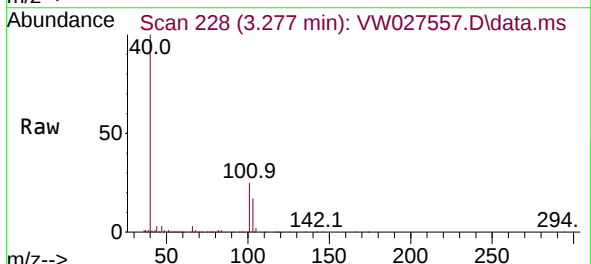
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ClientSampleId :
VSTD005473

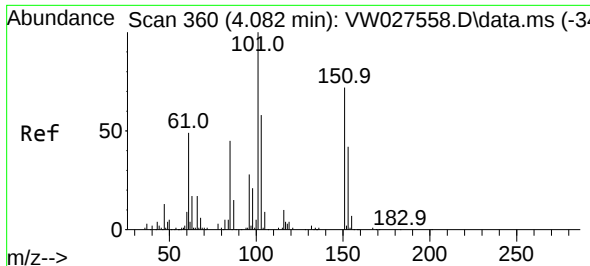
Tgt Ion: 64 Resp: 14365
Ion Ratio Lower Upper
64 100
66 32.9 24.1 44.7



#9
Trichlorofluoromethane
Concen: 6.434 ug/L
RT: 3.277 min Scan# 228
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 101 Resp: 22777
Ion Ratio Lower Upper
101 100
103 59.8 52.0 78.0

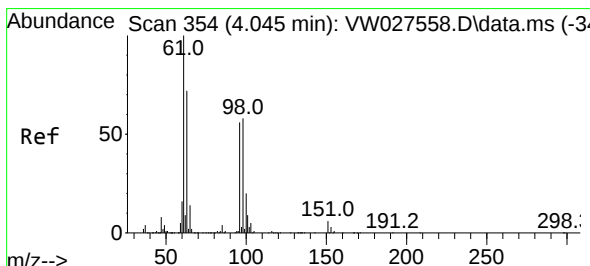
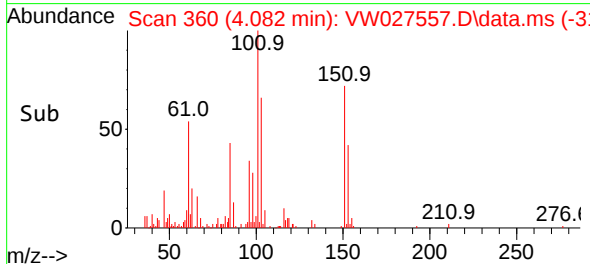
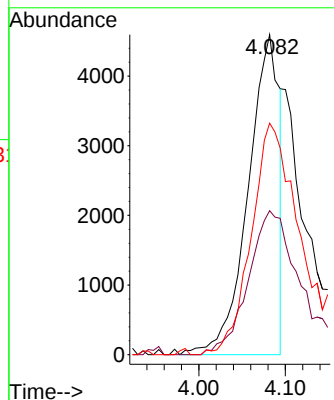
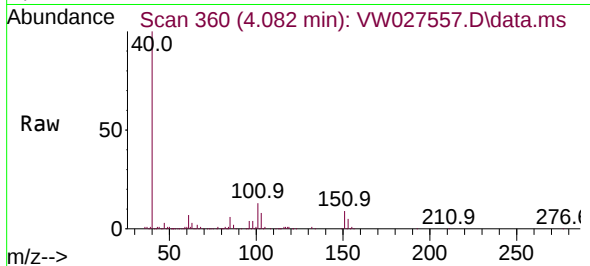




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.328 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. -0.000 min
 Lab File: VW027557.D
 Acq: 06 Dec 2023 10:00

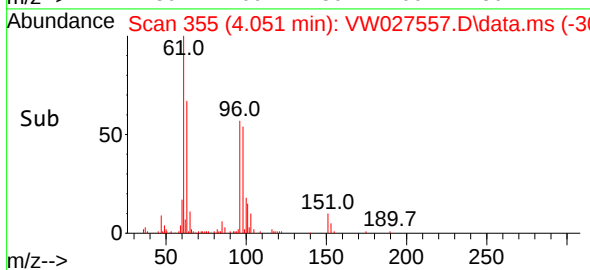
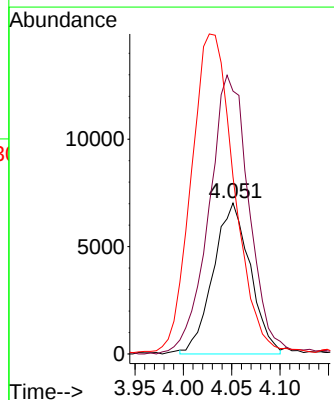
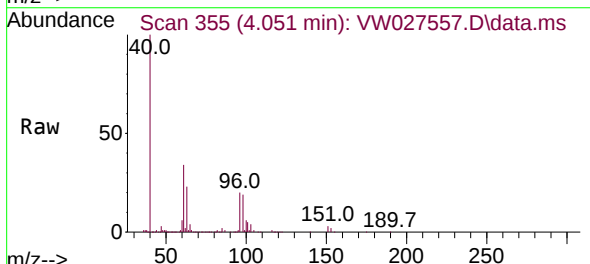
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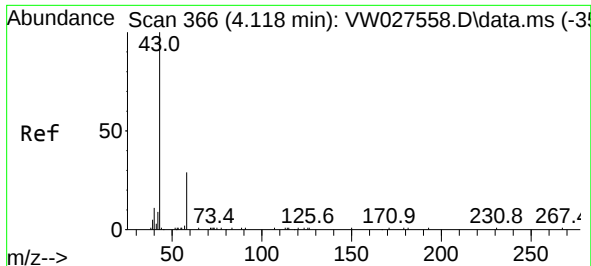
Tgt Ion:101 Resp: 11499
 Ion Ratio Lower Upper
 101 100
 85 67.2 33.9 50.9#
 151 103.6 54.6 81.8#



#12
 1,1-Dichloroethene
 Concen: 5.613 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027557.D
 Acq: 06 Dec 2023 10:00

Tgt Ion: 96 Resp: 18623
 Ion Ratio Lower Upper
 96 100
 61 174.4 127.8 237.4
 63 117.5 104.9 194.7

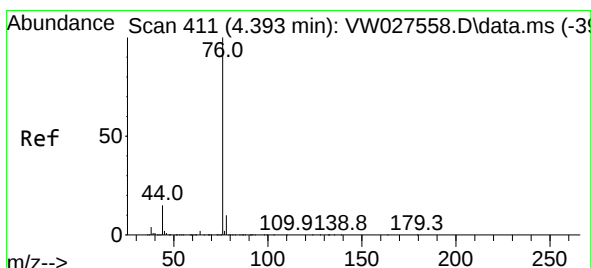
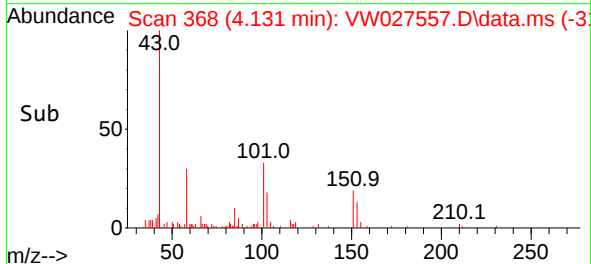
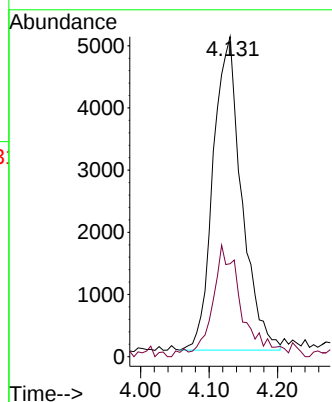
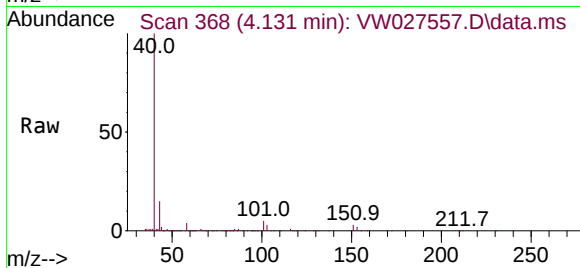




#13
Acetone
Concen: 15.191 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

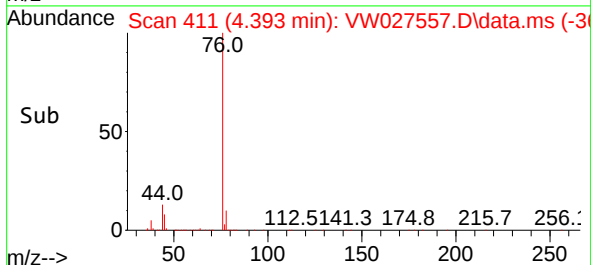
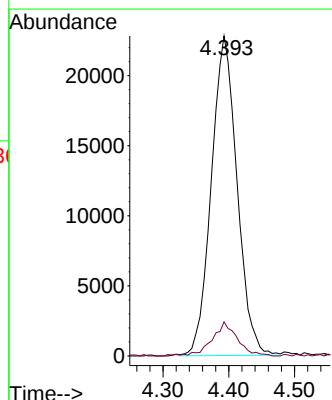
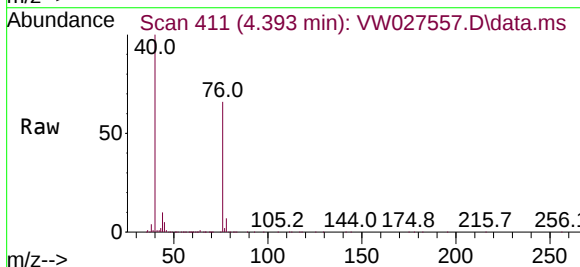
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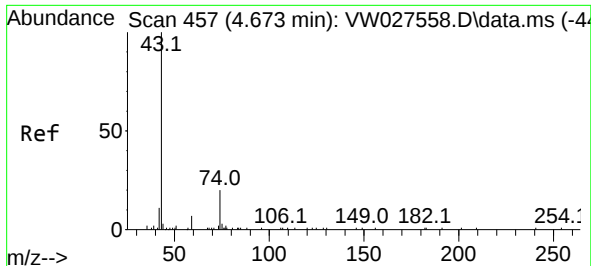
Tgt Ion: 43 Resp: 14591
Ion Ratio Lower Upper
43 100
58 15.7 0.0 60.0



#14
Carbon disulfide
Concen: 5.653 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 76 Resp: 62121
Ion Ratio Lower Upper
76 100
78 10.7 7.8 11.6

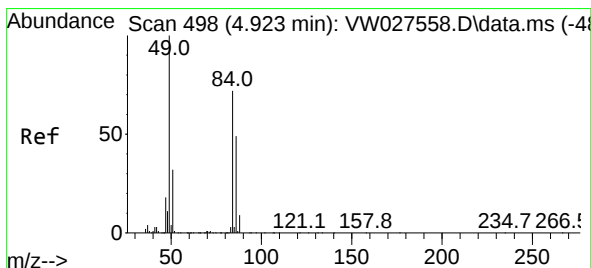
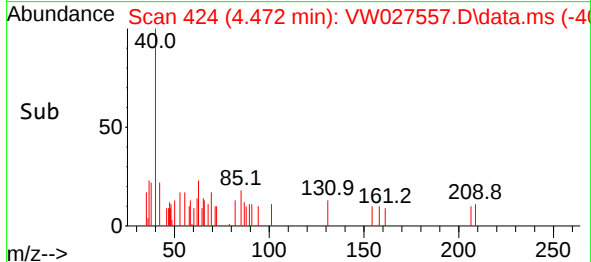
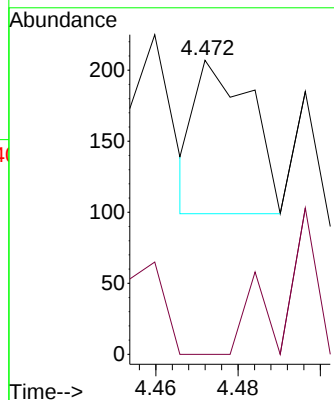
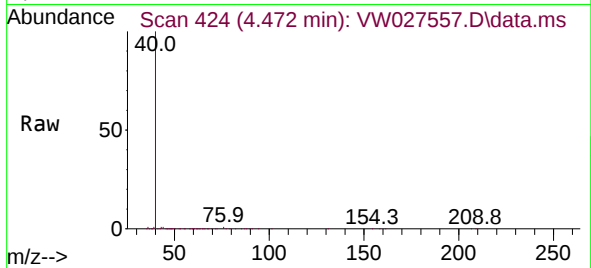




#15
Methyl Acetate
Concen: 0.066 ug/L
RT: 4.472 min Scan# 41
Delta R.T. -0.201 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

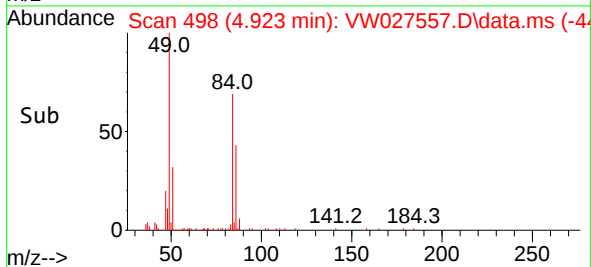
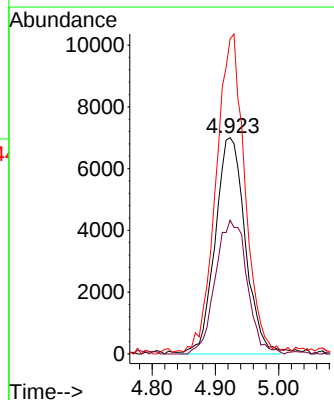
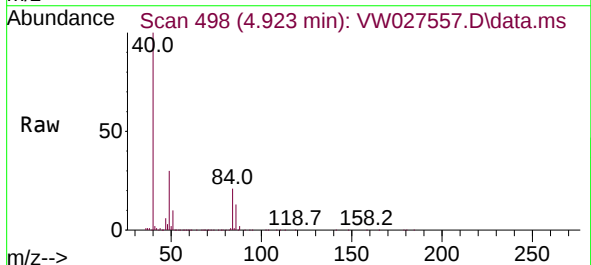
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

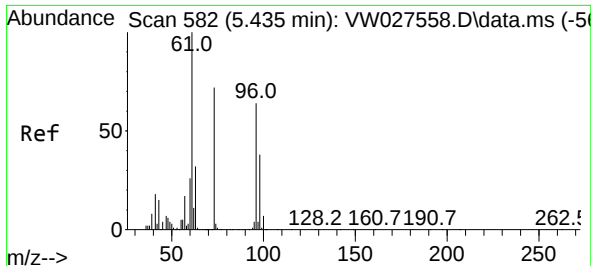
Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
74 20.8 16.8 25.2



#16
Methylene chloride
Concen: 5.853 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 84 Resp: 23041
Ion Ratio Lower Upper
84 100
86 61.9 47.7 88.7
49 145.6 97.4 181.0

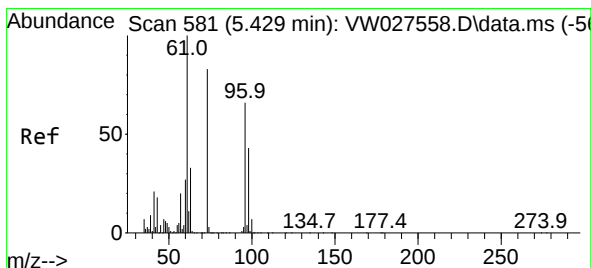
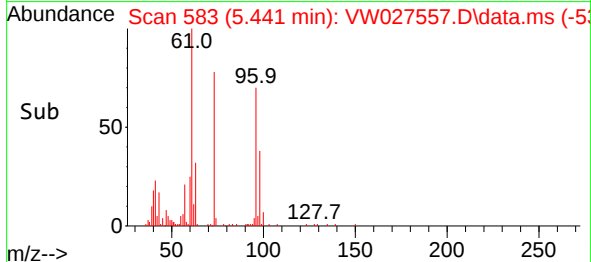
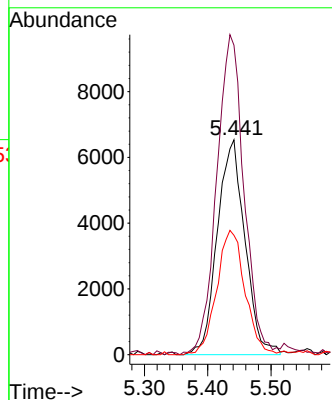
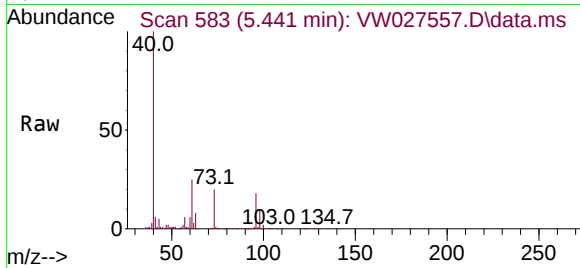




#17
trans-1,2-Dichloroethene
Concen: 5.714 ug/L
RT: 5.441 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

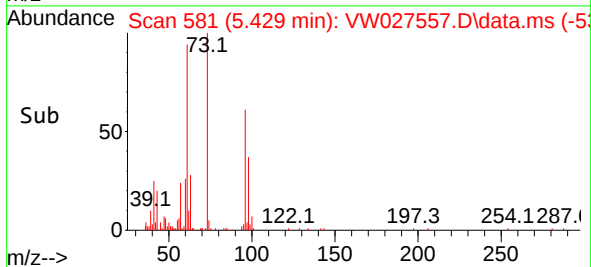
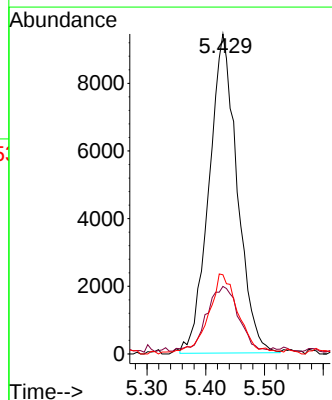
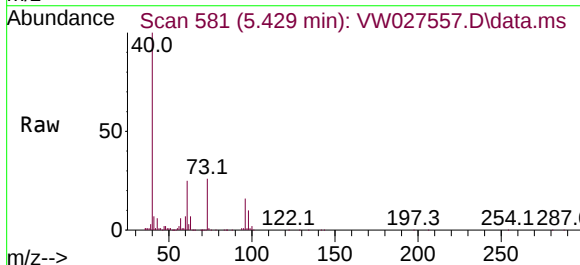
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

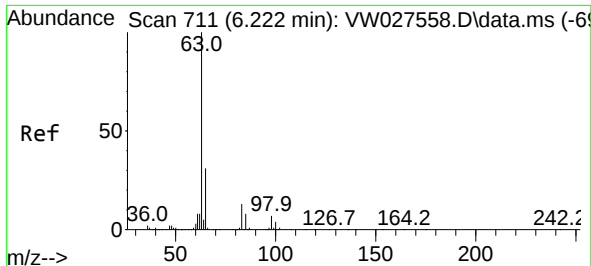
Tgt Ion: 96 Resp: 19836
Ion Ratio Lower Upper
96 100
61 144.0 109.6 203.6
98 55.5 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 6.232 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 73 Resp: 31505
Ion Ratio Lower Upper
73 100
43 24.6 17.8 26.6
57 24.5 19.9 29.9





#19

1,1-Dichloroethane

Concen: 5.768 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005473

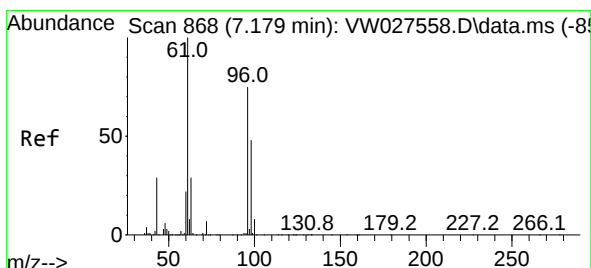
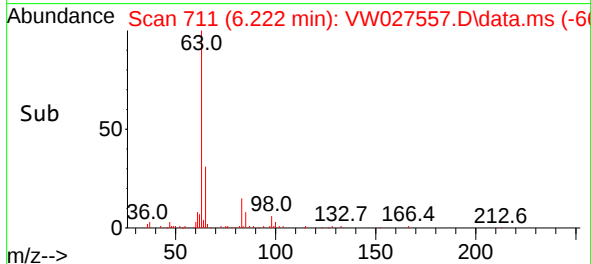
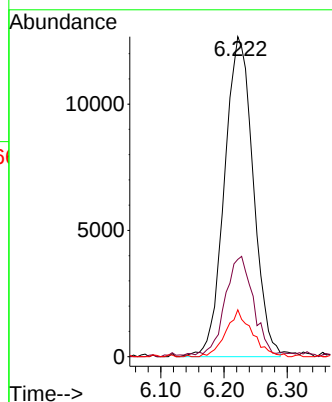
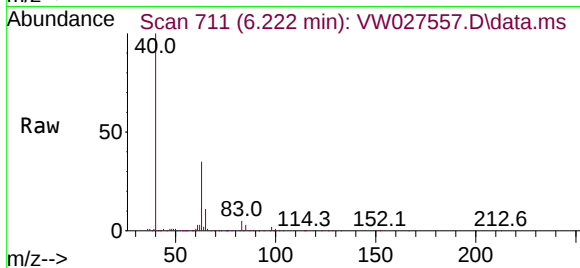
Tgt Ion: 63 Resp: 39940

Ion Ratio Lower Upper

63 100

65 30.4 22.0 40.8

83 14.7 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 5.709 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

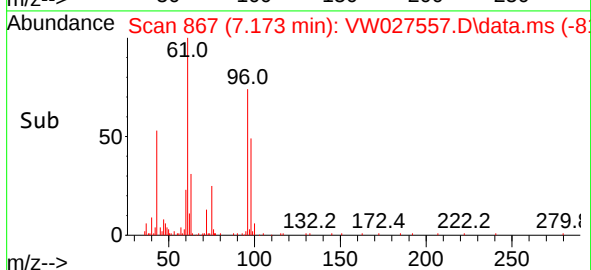
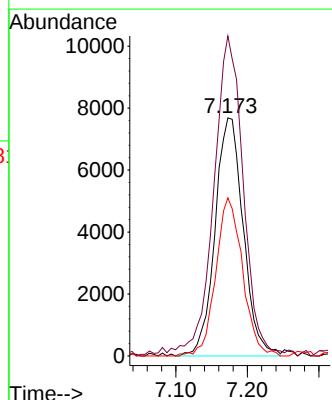
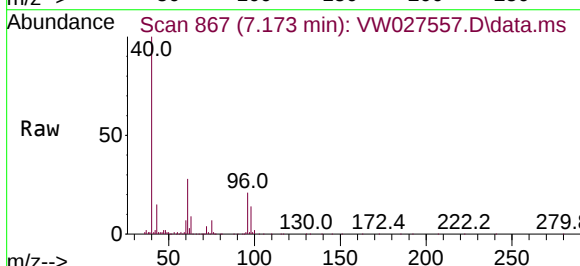
Tgt Ion: 96 Resp: 21080

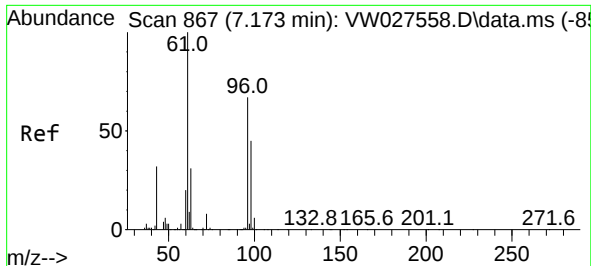
Ion Ratio Lower Upper

96 100

61 134.4 94.0 174.6

98 66.4 45.1 83.7

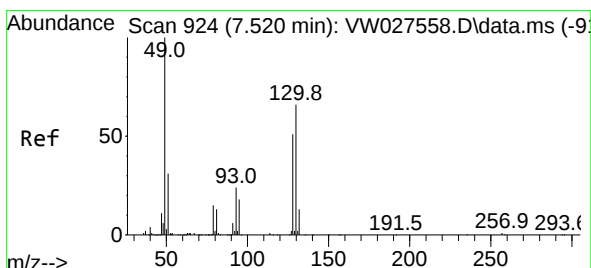
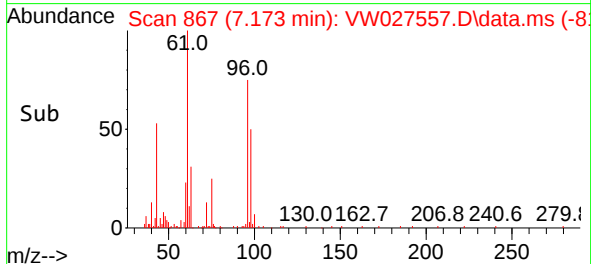
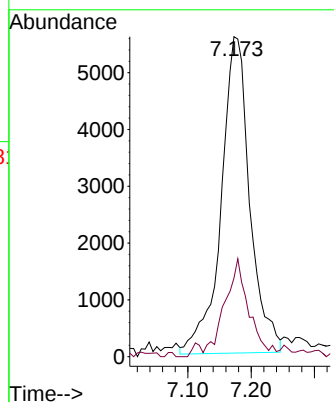
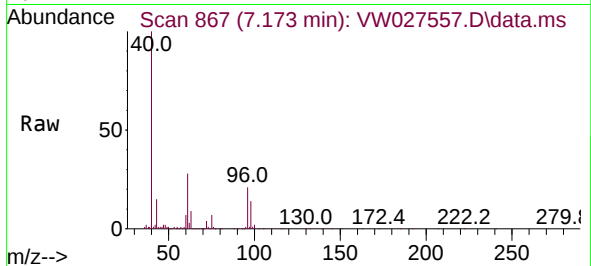




#22
2-Butanone
Concen: 14.333 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

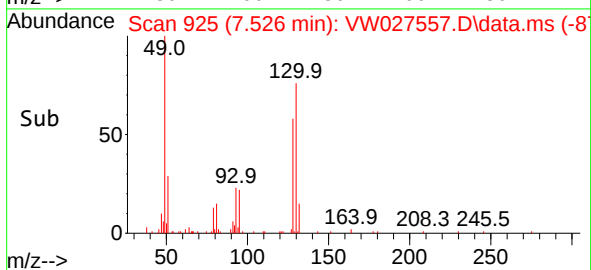
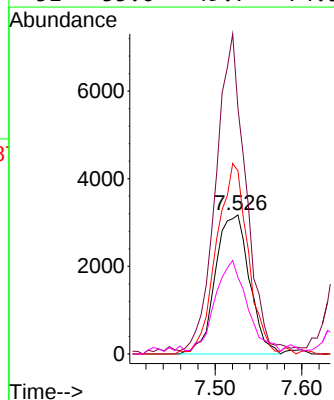
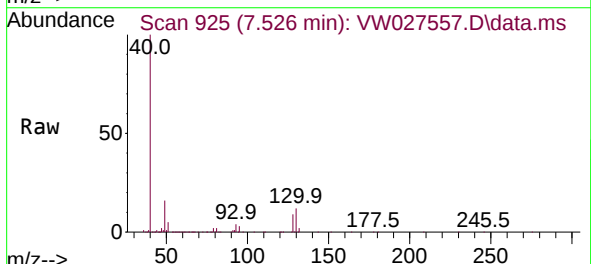
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

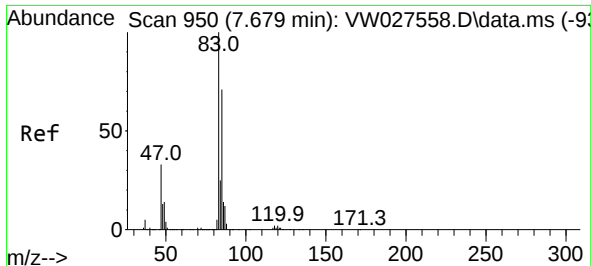
Tgt Ion: 43 Resp: 17612
Ion Ratio Lower Upper
43 100
72 22.9 11.9 35.9



#23
Bromochloromethane
Concen: 5.803 ug/L
RT: 7.526 min Scan# 925
Delta R.T. 0.006 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 128 Resp: 8640
Ion Ratio Lower Upper
128 100
49 176.6 137.8 256.0
130 131.7 91.2 169.4
51 55.0 49.7 74.5

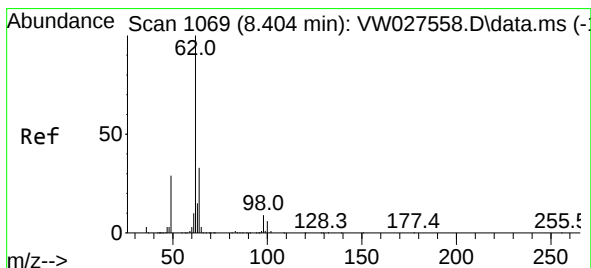
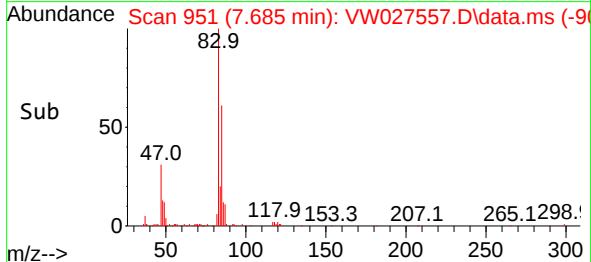
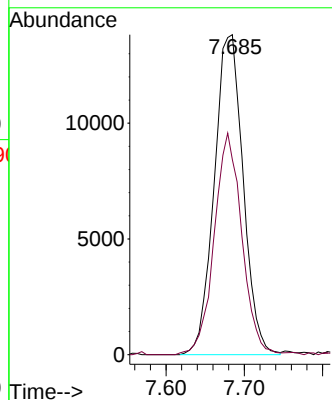
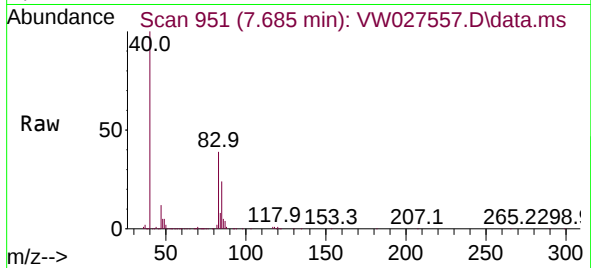




#25
Chloroform
Concen: 5.567 ug/L
RT: 7.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

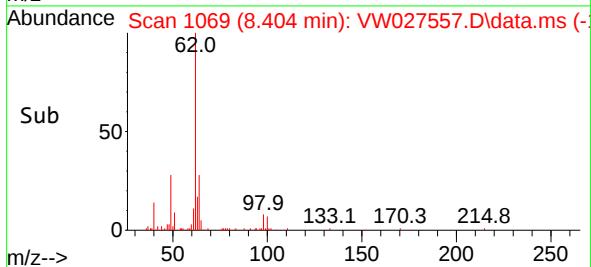
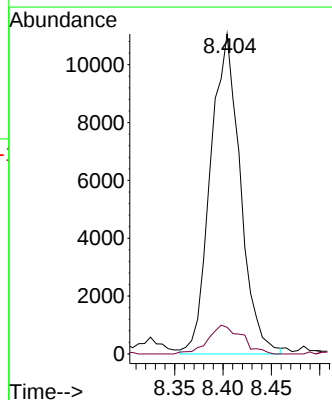
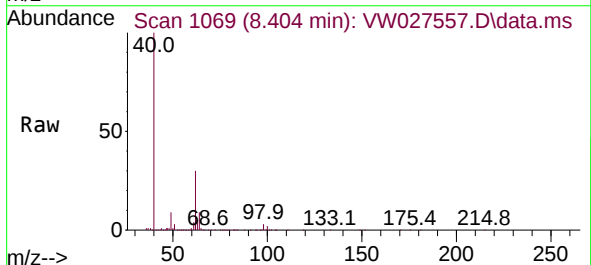
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

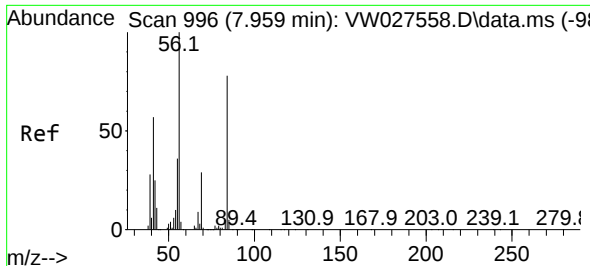
Tgt Ion: 83 Resp: 35471
Ion Ratio Lower Upper
83 100
85 60.9 49.8 92.6



#27
1,2-Dichloroethane
Concen: 5.870 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 62 Resp: 23744
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.0

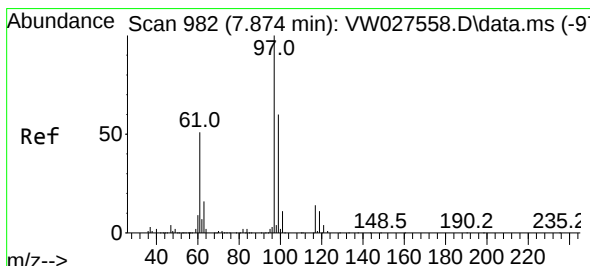
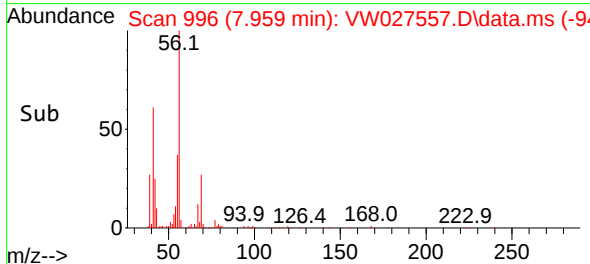
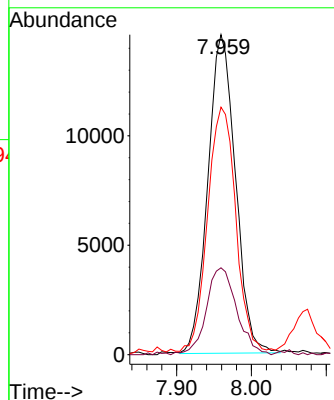
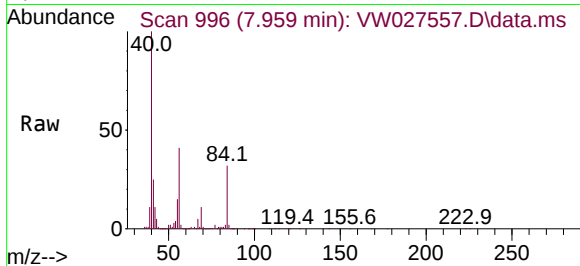




#29
Cyclohexane
Concen: 5.399 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

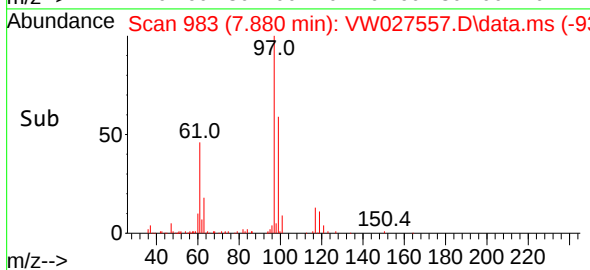
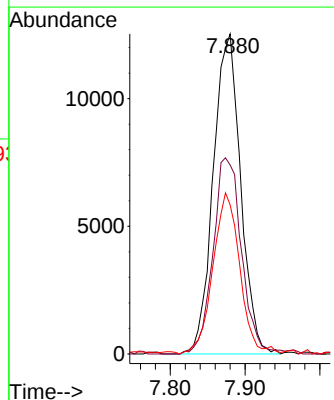
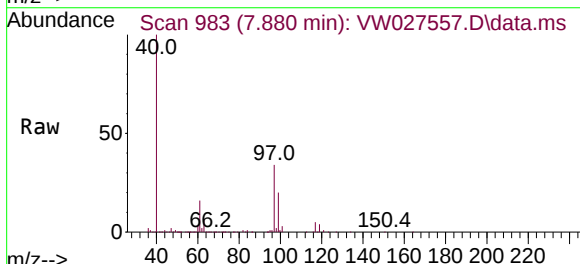
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

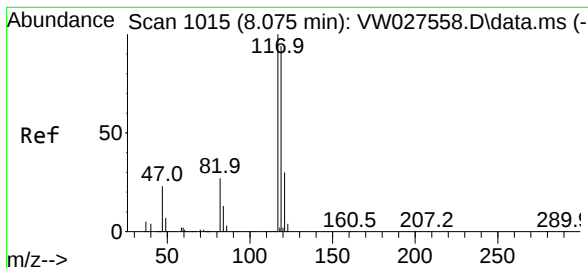
Tgt Ion: 56	Resp: 37421
Ion Ratio	Lower Upper
56	100
69	29.9 24.1 36.1
84	78.9 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 5.795 ug/L
RT: 7.880 min Scan# 983
Delta R.T. 0.006 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 97	Resp: 31896
Ion Ratio	Lower Upper
97	100
99	63.8 50.5 75.7
61	48.6 39.0 58.4

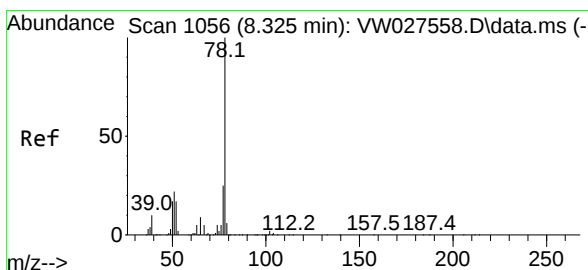
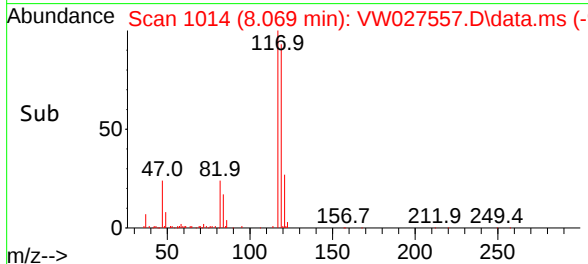
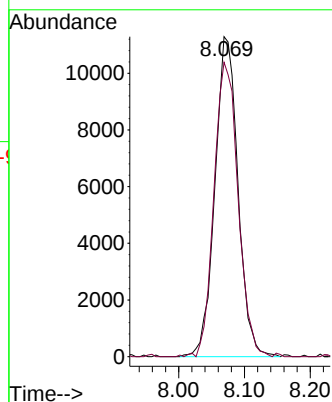
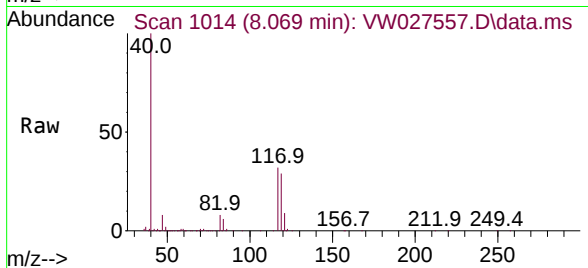




#31
Carbon tetrachloride
Concen: 5.737 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

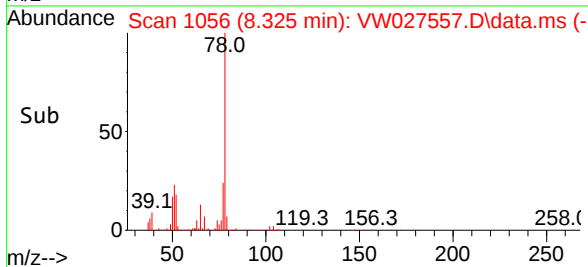
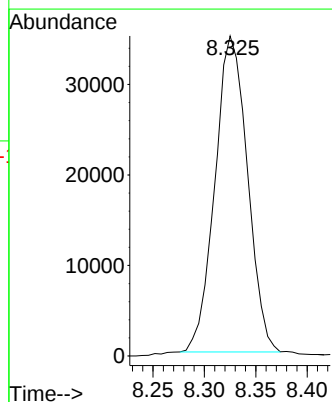
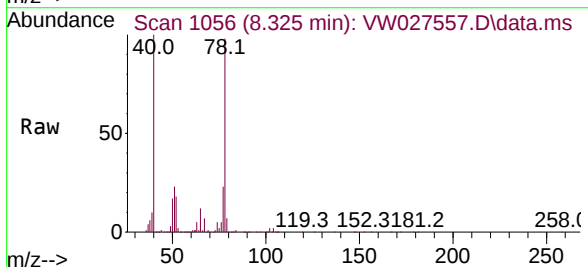
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

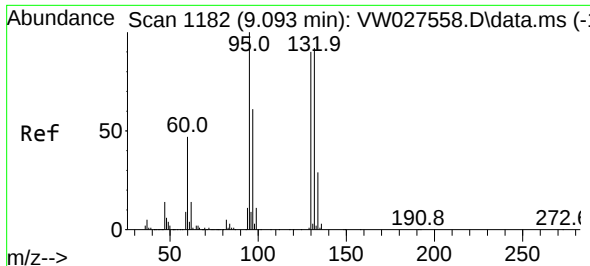
Tgt Ion:117 Resp: 27560
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6



#33
Benzene
Concen: 5.168 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 78 Resp: 76885

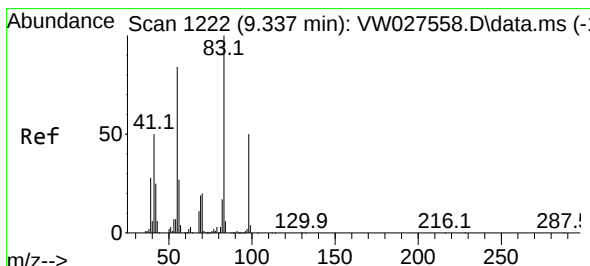
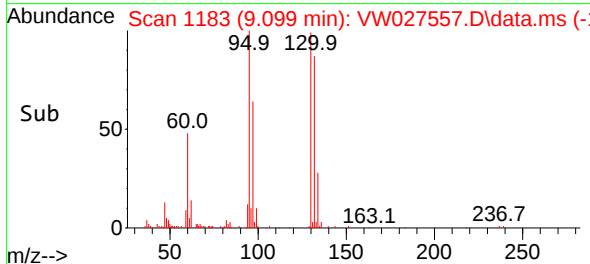
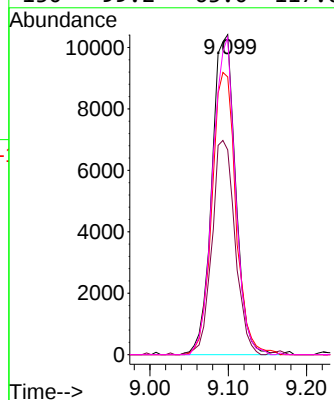
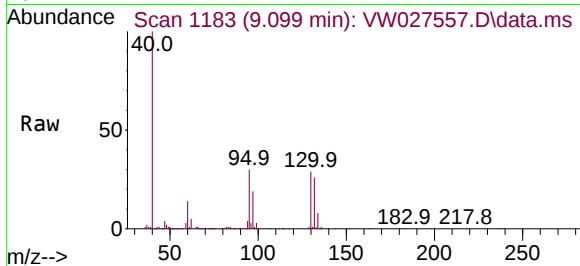




#34
Trichloroethene
Concen: 5.612 ug/L
RT: 9.099 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

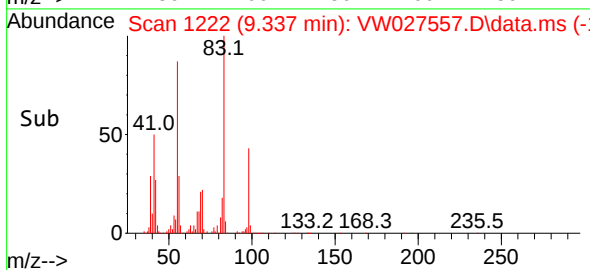
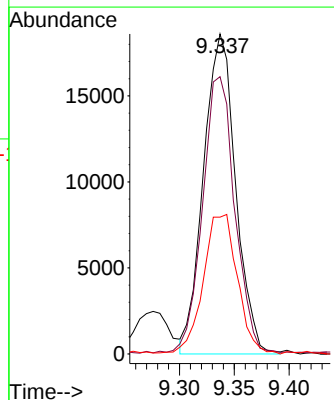
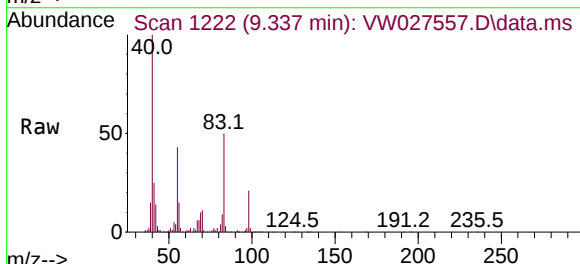
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

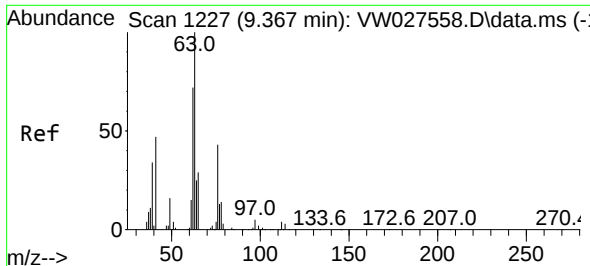
Tgt Ion:	95	Resp:	21857
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.0	80.0
132	86.8	64.1	119.1
130	99.2	63.0	117.0



#35
Methylcyclohexane
Concen: 5.351 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion:	83	Resp:	37996
Ion	Ratio	Lower	Upper
83	100		
55	85.6	65.6	98.4
98	46.4	38.3	57.5





#37

1,2-Dichloropropane

Concen: 5.446 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

Instrument :

MSVOA_W

ClientSampleId :

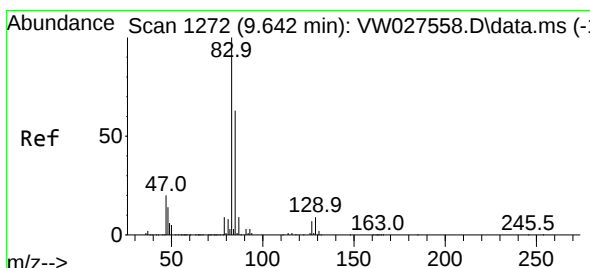
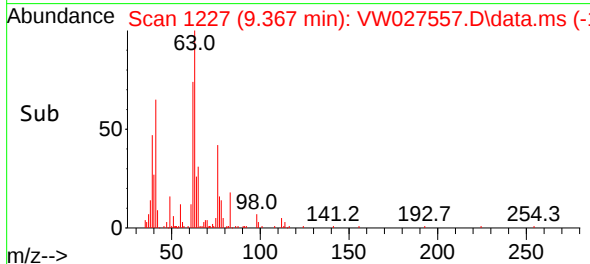
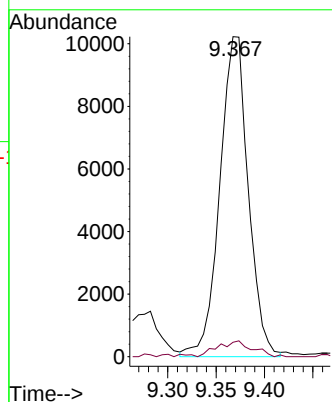
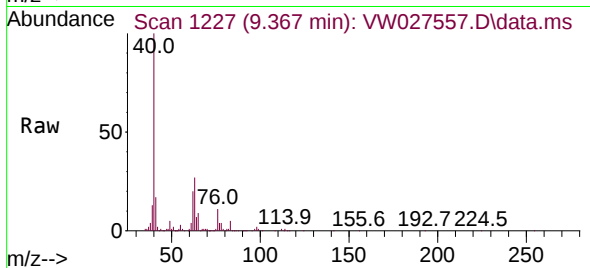
VSTD005473

Tgt Ion: 63 Resp: 20960

Ion Ratio Lower Upper

63 100

112 5.3 3.6 5.4



#38

Bromodichloromethane

Concen: 5.449 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

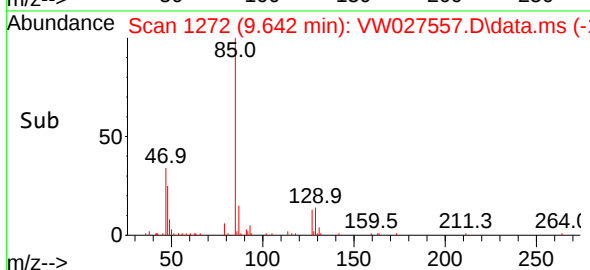
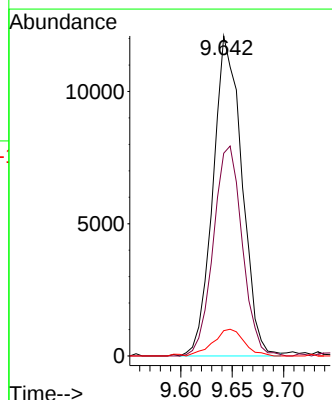
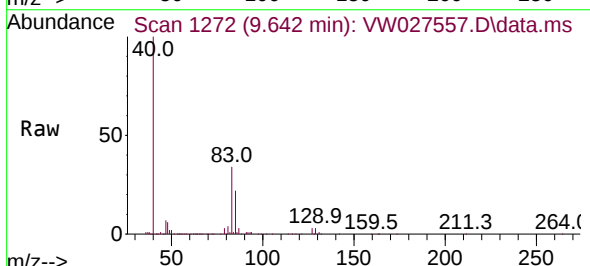
Tgt Ion: 83 Resp: 23671

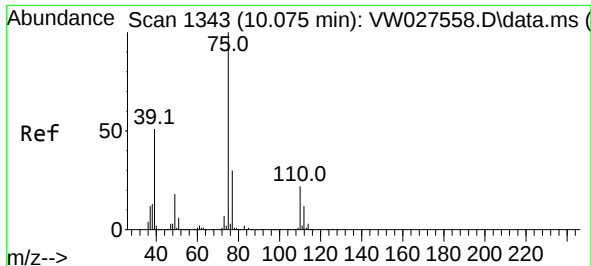
Ion Ratio Lower Upper

83 100

85 63.4 44.3 82.3

127 7.9 5.3 7.9





#39

cis-1,3-Dichloropropene

Concen: 5.202 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

Instrument :

MSVOA_W

ClientSampleId :

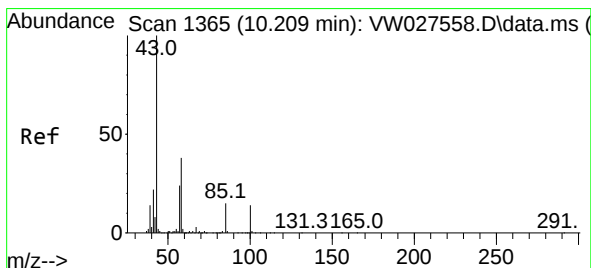
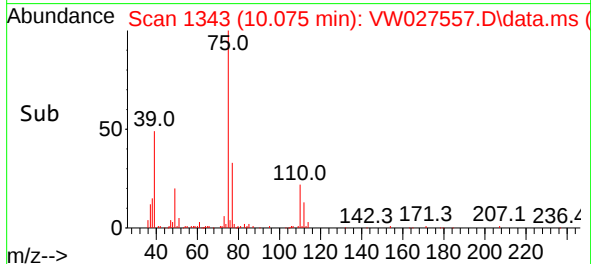
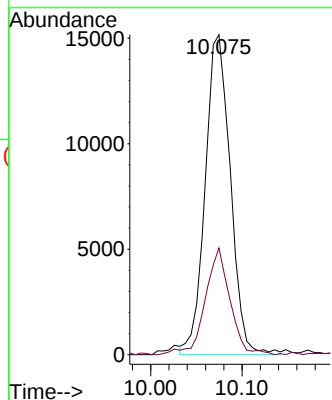
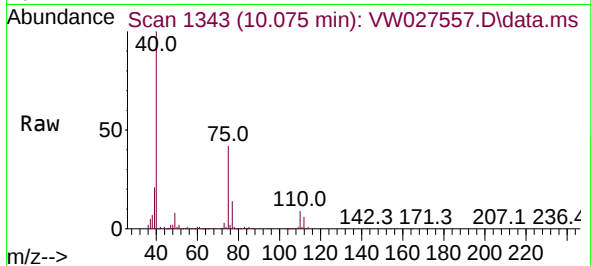
VSTD005473

Tgt Ion: 75 Resp: 29022

Ion Ratio Lower Upper

75 100

77 33.4 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 13.615 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

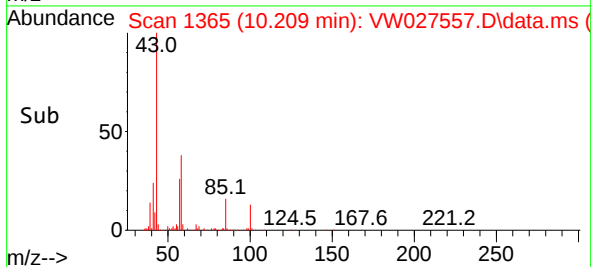
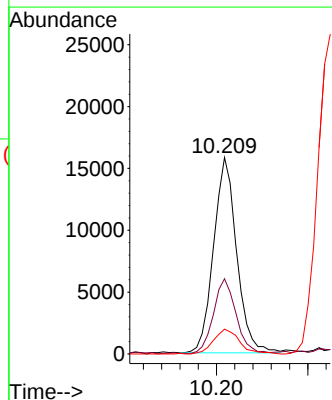
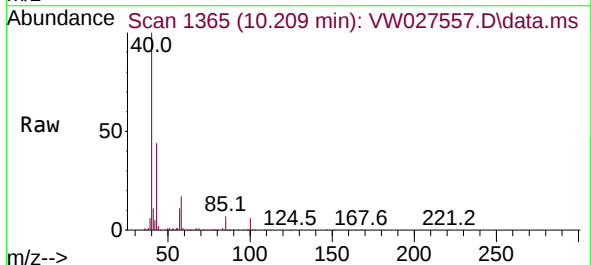
Tgt Ion: 43 Resp: 27752

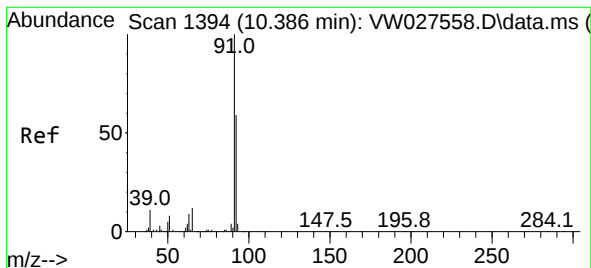
Ion Ratio Lower Upper

43 100

58 36.9 29.6 44.4

100 14.1 11.1 16.7





#42

Toluene

Concen: 5.472 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

Instrument :

MSVOA_W

ClientSampleId :

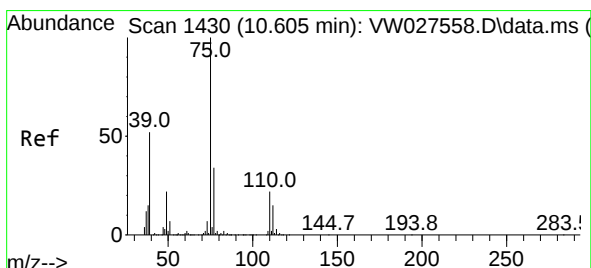
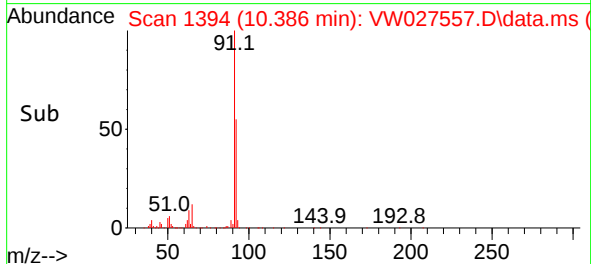
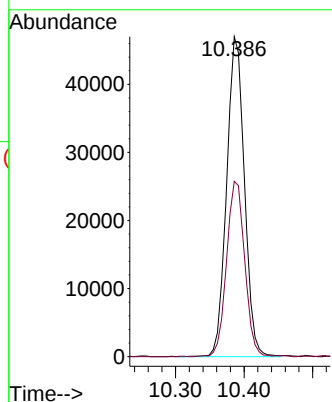
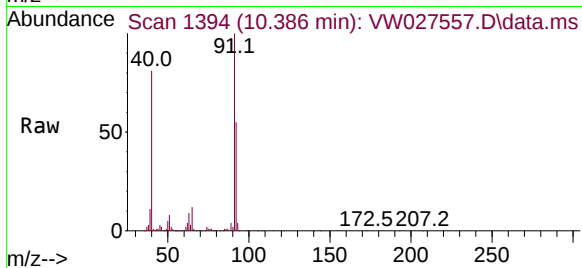
VSTD005473

Tgt Ion: 91 Resp: 84423

Ion Ratio Lower Upper

91 100

92 54.8 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 5.242 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027557.D

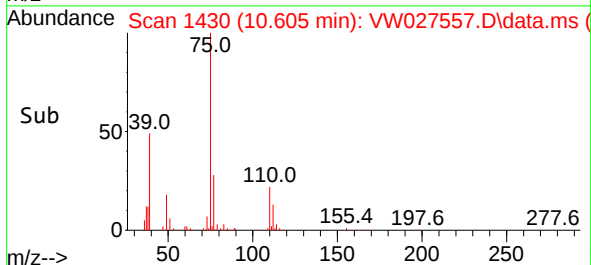
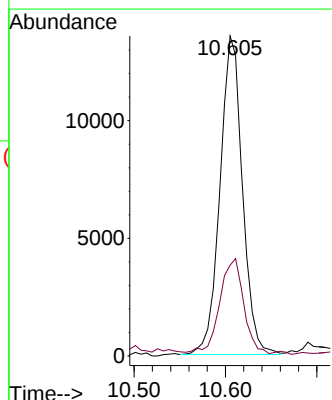
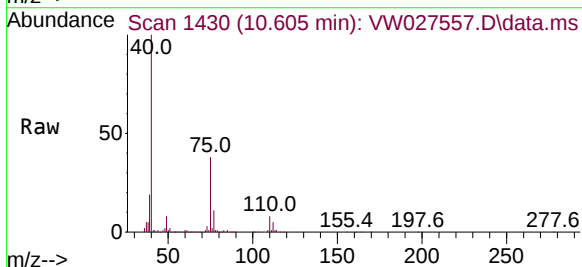
Acq: 06 Dec 2023 10:00

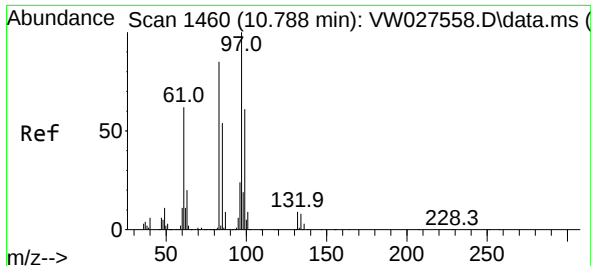
Tgt Ion: 75 Resp: 23133

Ion Ratio Lower Upper

75 100

77 28.4 23.7 44.1

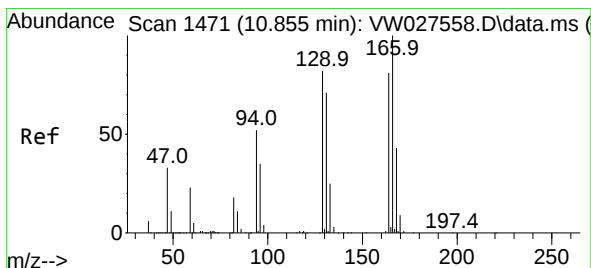
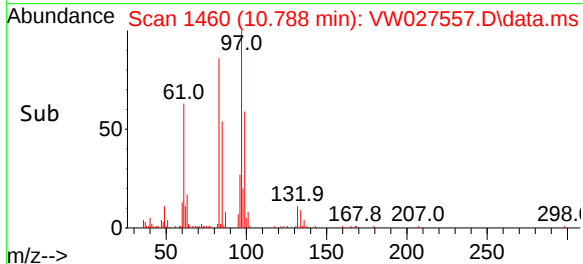
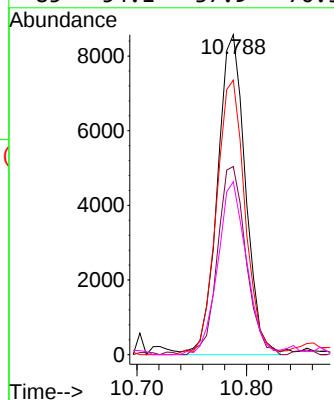
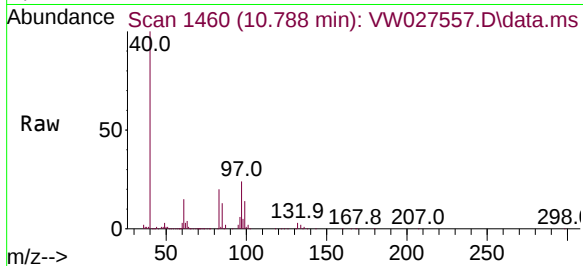




#45
1,1,2-Trichloroethane
Concen: 6.182 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

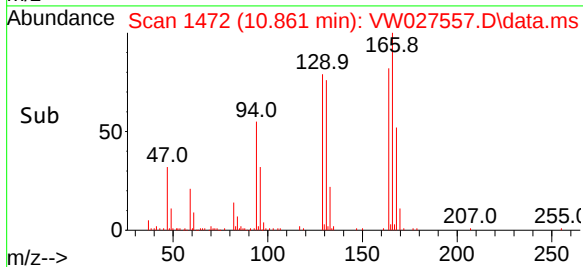
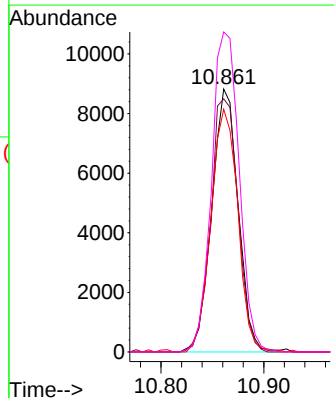
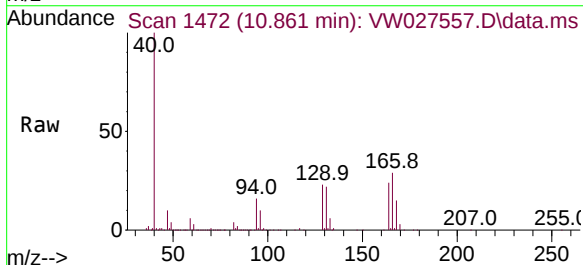
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

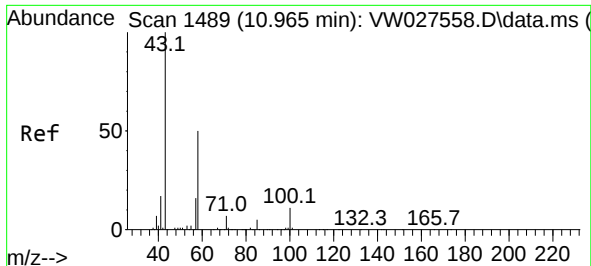
Tgt Ion: 97	Resp:	15169
Ion	Ratio	Lower Upper
97	100	
99	58.8	42.8 79.4
83	85.8	59.9 111.3
85	54.1	37.9 70.5



#46
Tetrachloroethene
Concen: 5.646 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 164	Resp:	15741
Ion	Ratio	Lower Upper
164	100	
129	96.3	71.0 131.8
131	92.4	61.2 113.6
166	121.8	86.6 160.8

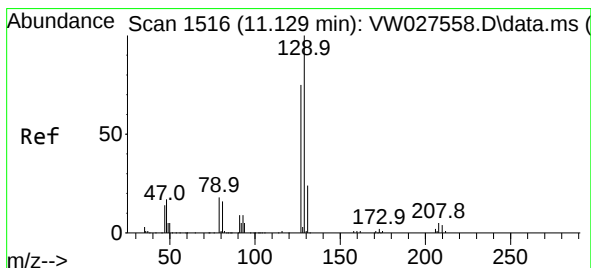
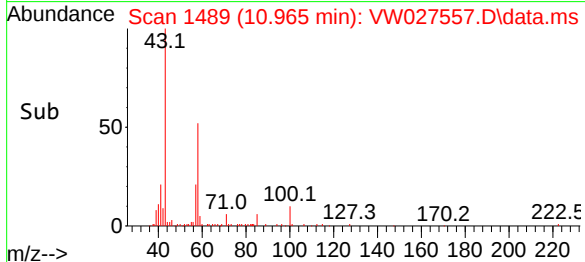
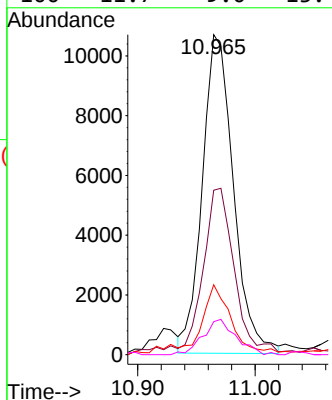
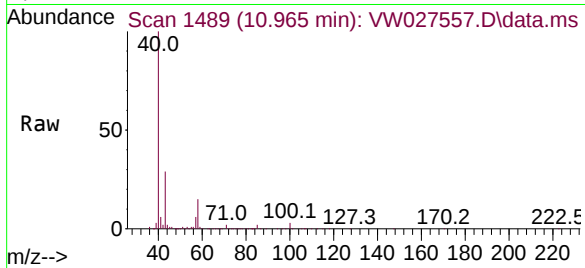




#48
2-Hexanone
Concen: 12.793 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

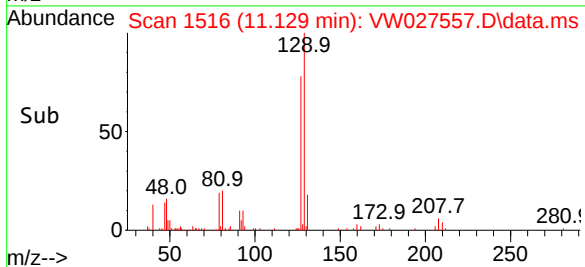
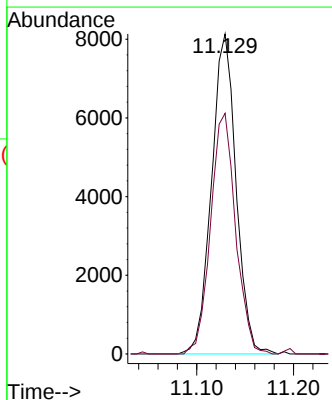
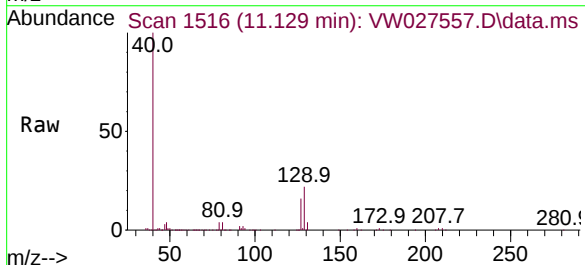
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

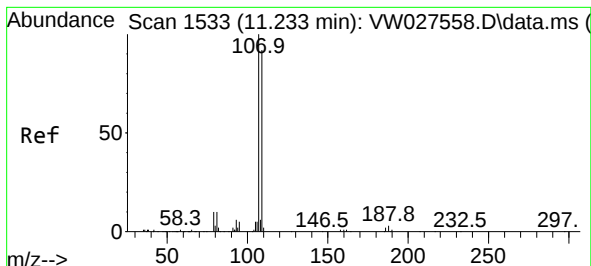
Tgt Ion: 43	Resp: 19626
Ion Ratio	Lower Upper
43 100	
58 50.4	40.8 61.2
57 19.2	14.8 22.2
100 11.7	9.0 13.4



#49
Dibromochloromethane
Concen: 5.772 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion:129	Resp:	14332	
Ion	Ratio	Lower	Upper
129	100		
127	75.2	52.3	97.1

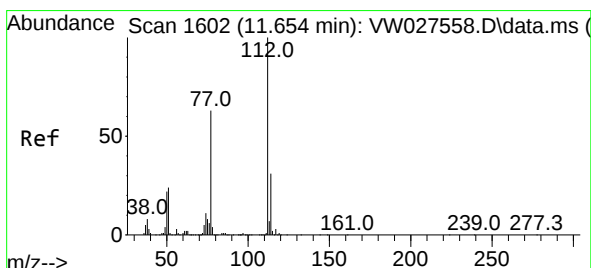
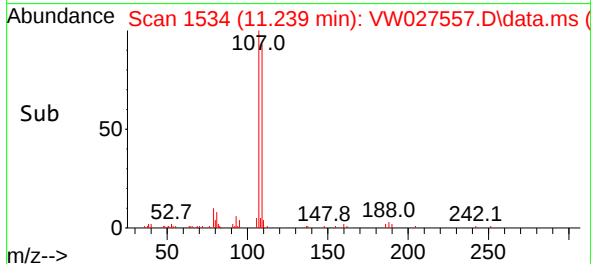
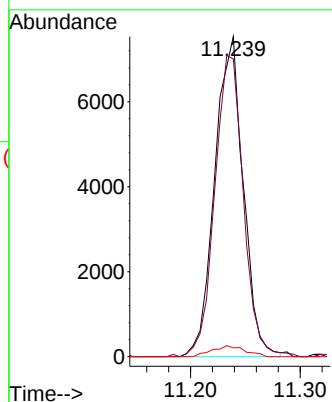
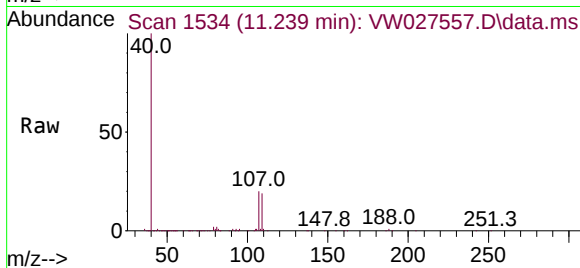




#50
1,2-Dibromoethane
Concen: 6.039 ug/L
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

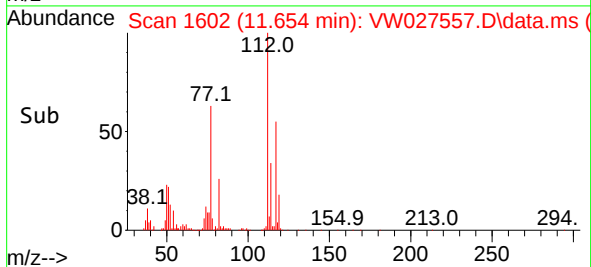
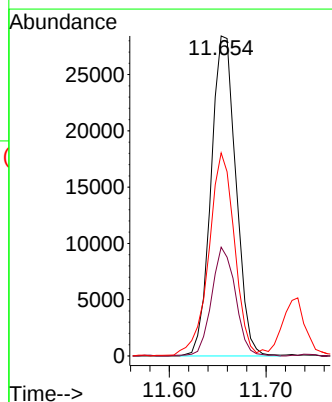
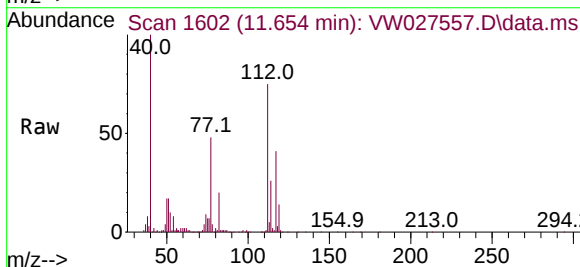
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

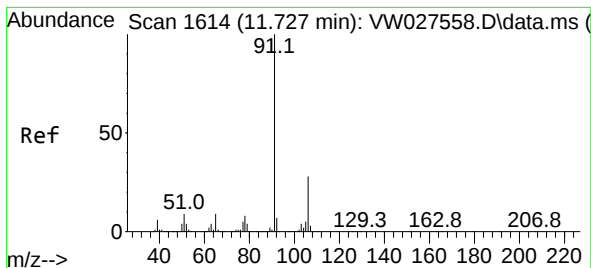
Tgt Ion:107 Resp: 13600
Ion Ratio Lower Upper
107 100
109 93.0 64.8 120.3
188 2.7 2.7 4.1



#51
Chlorobenzene
Concen: 5.432 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion:112 Resp: 50848
Ion Ratio Lower Upper
112 100
114 34.0 21.5 39.9
77 63.4 50.6 76.0

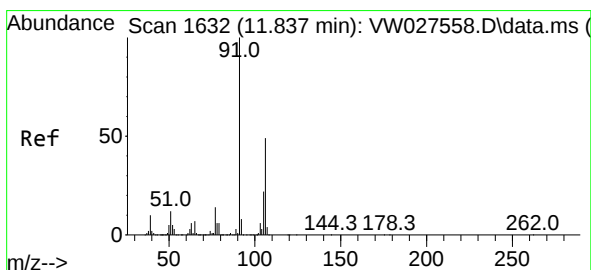
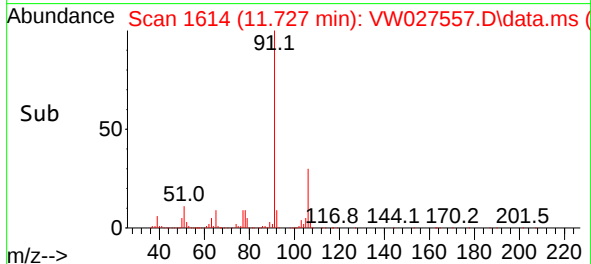
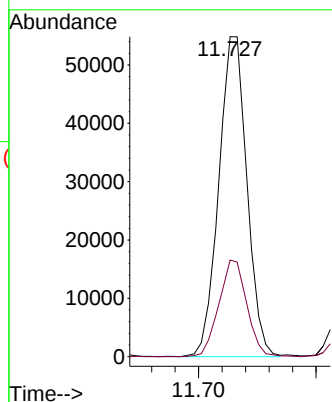
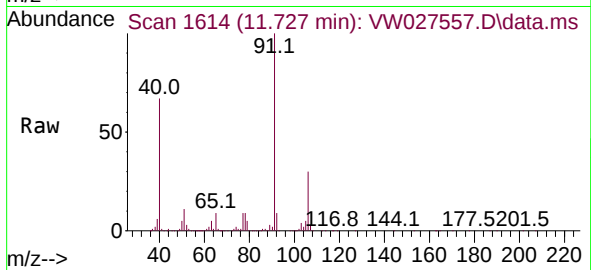




#52
Ethylbenzene
Concen: 5.192 ug/L
RT: 11.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

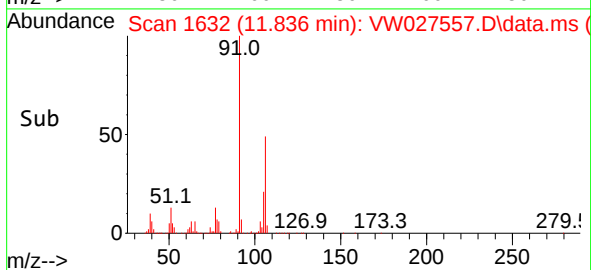
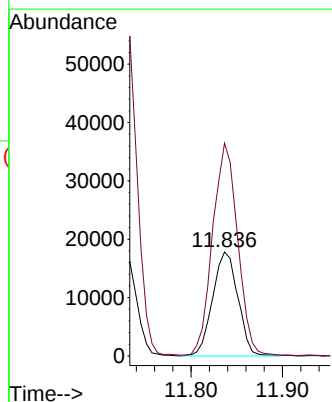
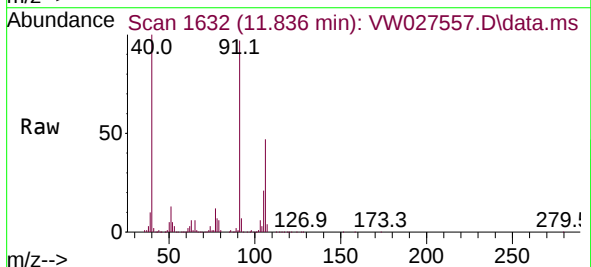
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

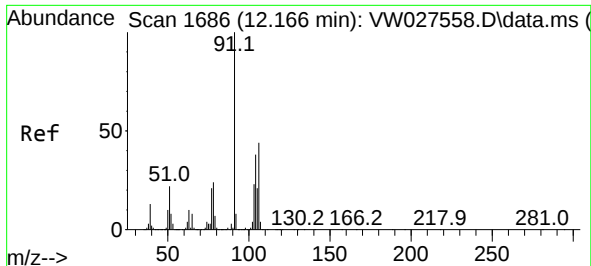
Tgt Ion: 91 Resp: 91356
Ion Ratio Lower Upper
91 100
106 30.2 19.5 36.1



#53
m,p-Xylene
Concen: 5.321 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion: 106 Resp: 34313
Ion Ratio Lower Upper
106 100
91 204.6 142.1 263.9

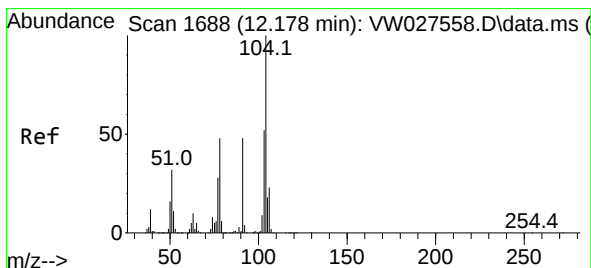
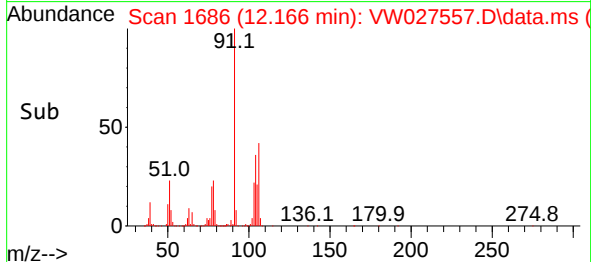
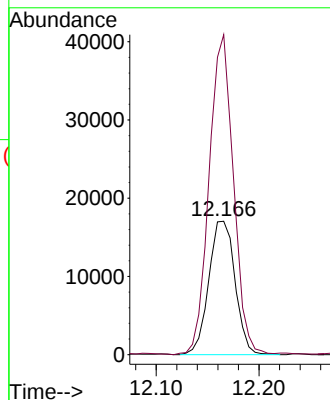
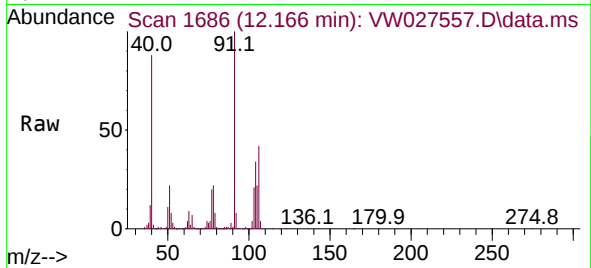




#54
o-Xylene
Concen: 5.028 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

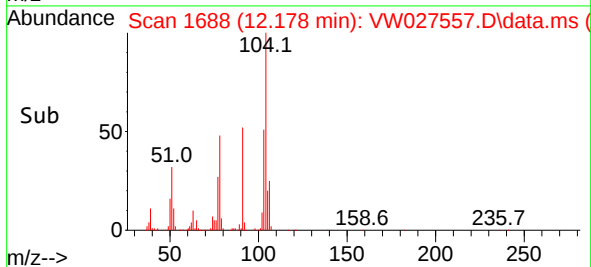
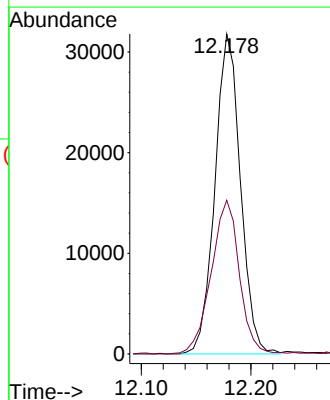
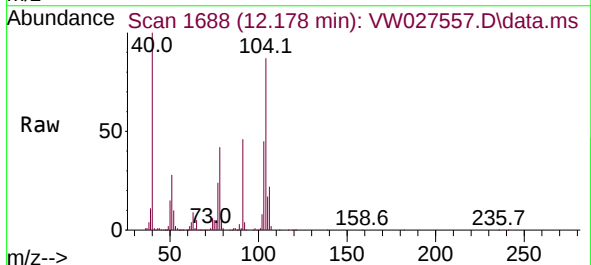
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

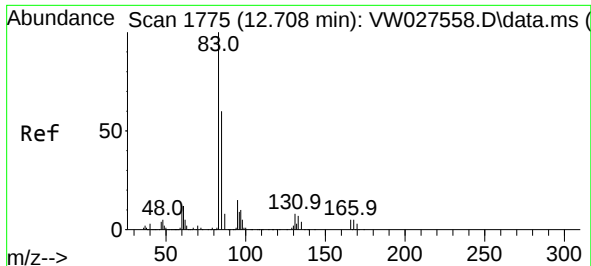
Tgt Ion:106 Resp: 30375
Ion Ratio Lower Upper
106 100
91 239.7 158.8 295.0



#55
Styrene
Concen: 5.033 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion:104 Resp: 51445
Ion Ratio Lower Upper
104 100
78 48.1 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 6.752 ug/L

RT: 12.714 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005473

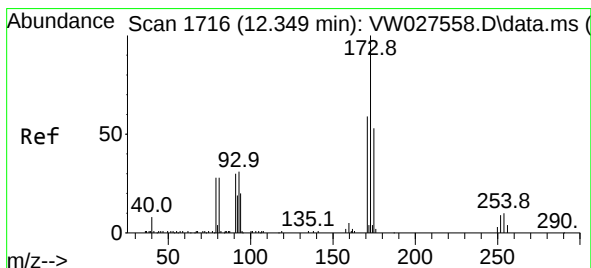
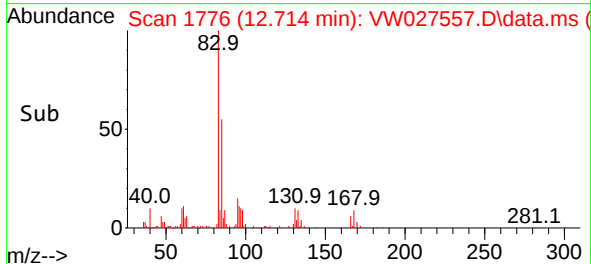
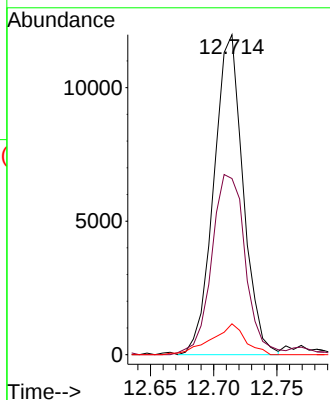
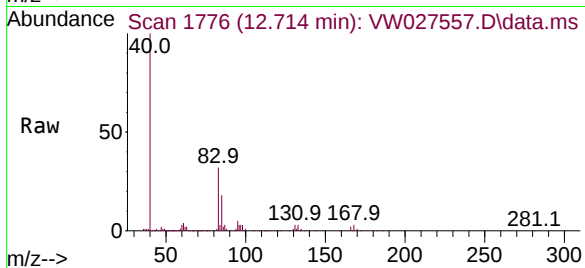
Tgt Ion: 83 Resp: 19294

Ion Ratio Lower Upper

83 100

85 55.1 41.9 77.7

131 9.7 7.0 10.6



#59

Bromoform

Concen: 5.808 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

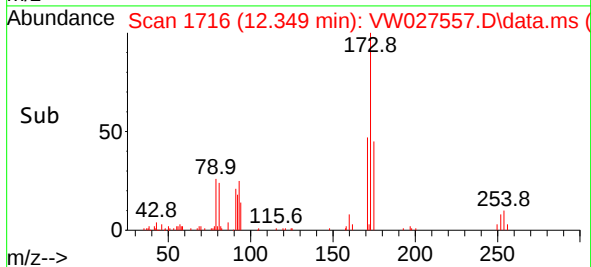
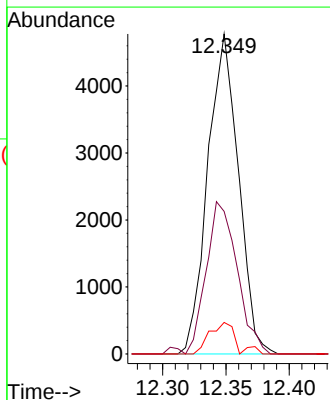
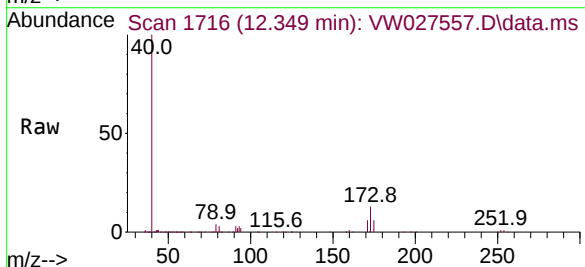
Tgt Ion:173 Resp: 8062

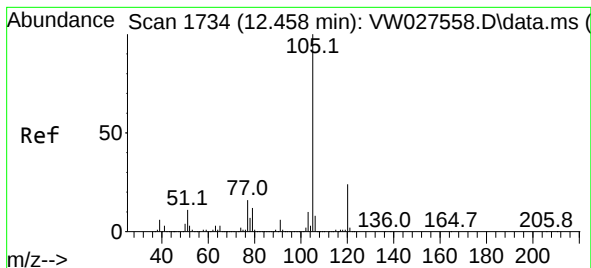
Ion Ratio Lower Upper

173 100

175 48.0 39.4 59.0

254 7.5 7.8 11.8#





#60

Isopropylbenzene

Concen: 4.777 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005473

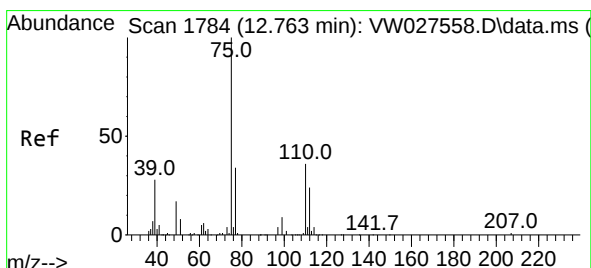
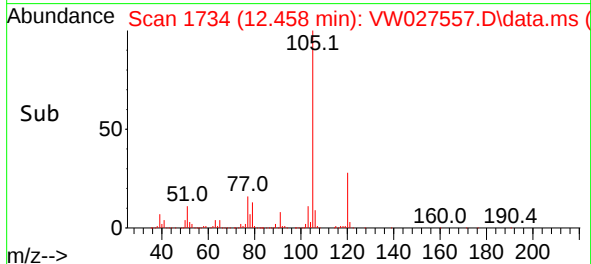
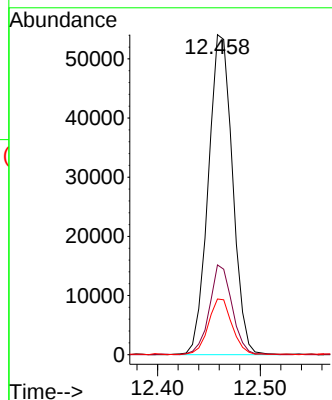
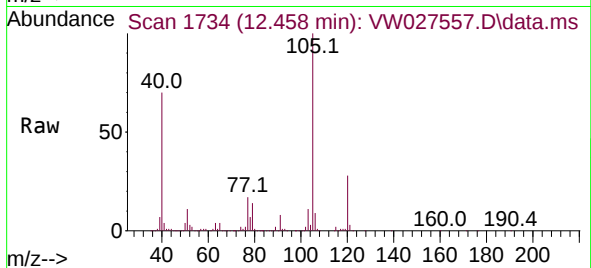
Tgt Ion:105 Resp: 88636

Ion Ratio Lower Upper

105 100

120 26.2 20.3 30.5

77 17.0 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 6.497 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

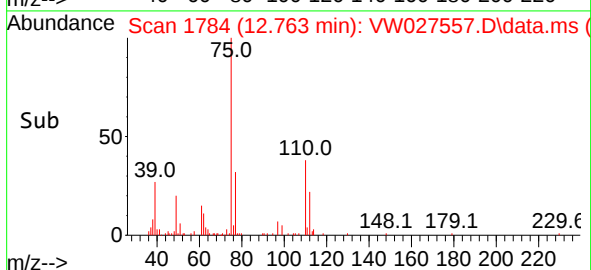
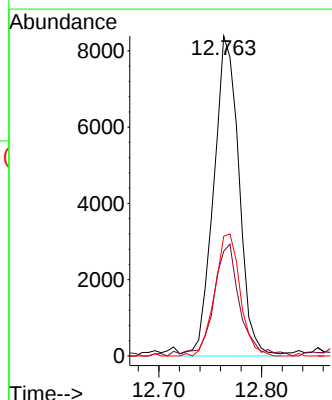
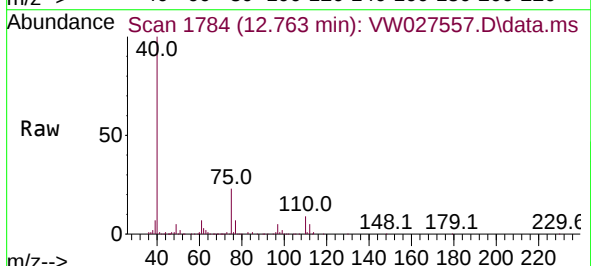
Tgt Ion: 75 Resp: 14329

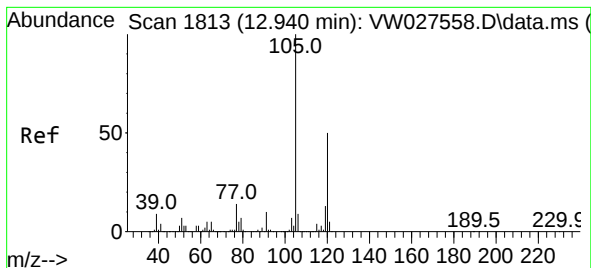
Ion Ratio Lower Upper

75 100

77 31.3 26.6 39.8

110 38.2 30.2 45.4

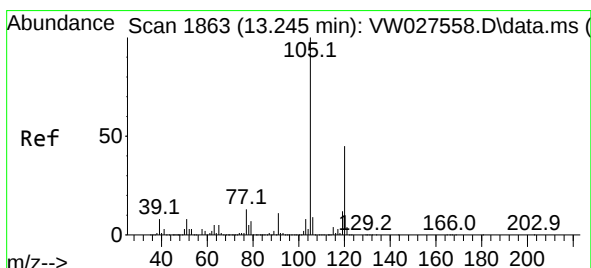
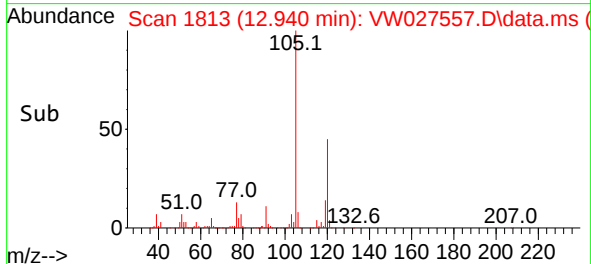
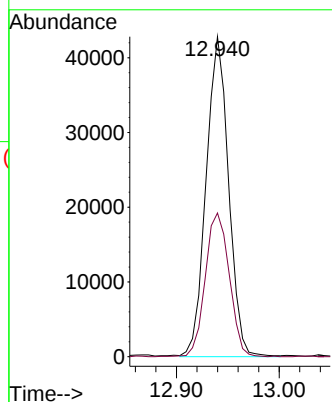
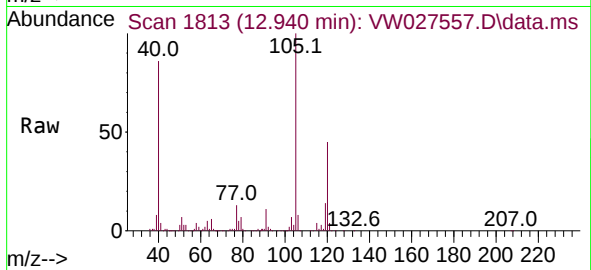




#62
1,3,5-Trimethylbenzene
Concen: 4.688 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

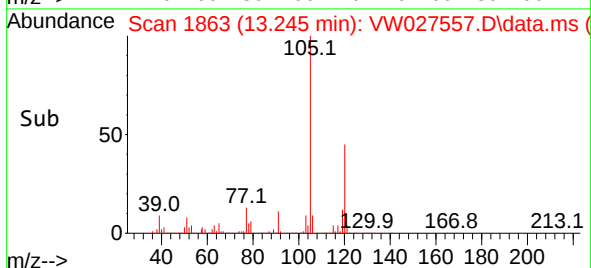
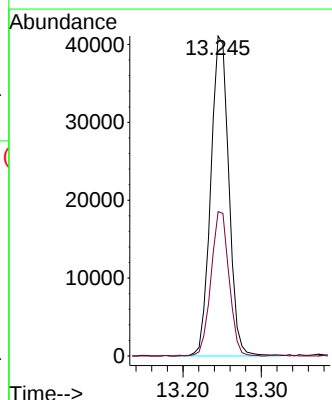
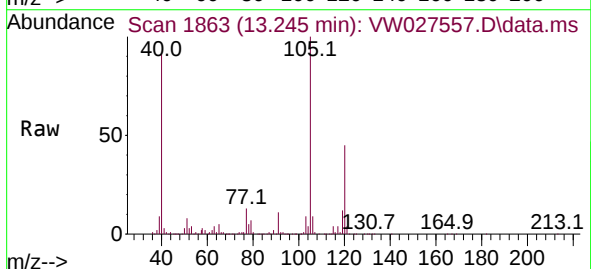
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

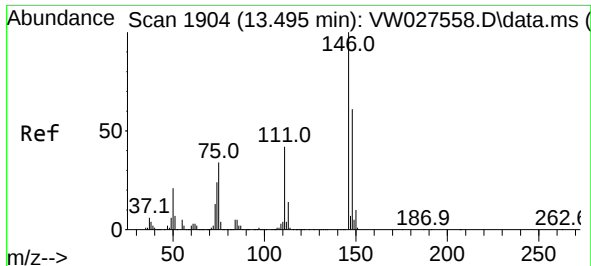
Tgt Ion:105 Resp: 65139
Ion Ratio Lower Upper
105 100
120 47.7 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.655 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion:105 Resp: 65710
Ion Ratio Lower Upper
105 100
120 45.0 36.9 55.3

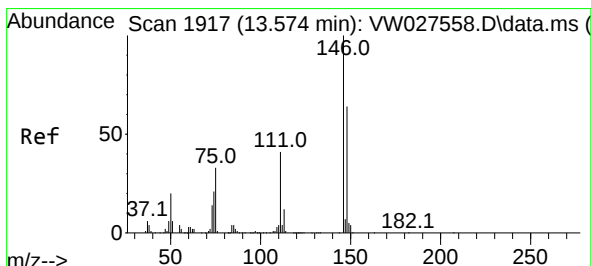
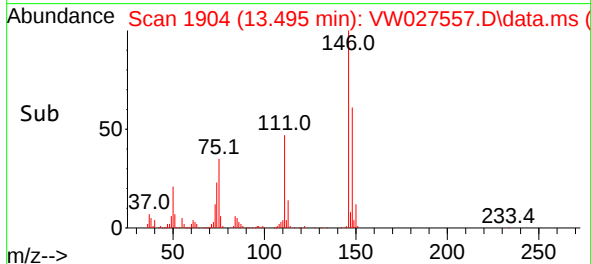
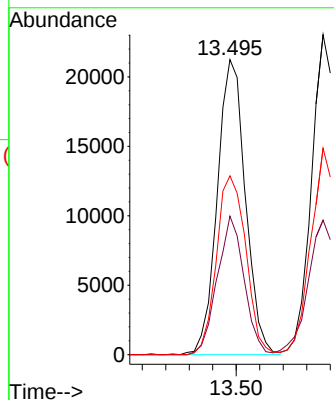
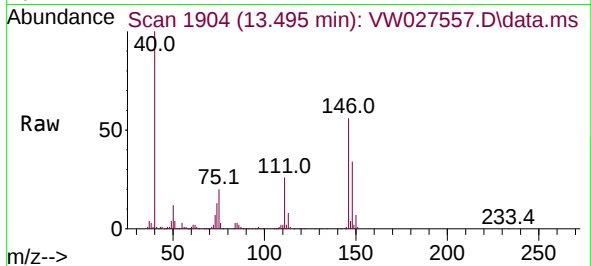




#64
1,3-Dichlorobenzene
Concen: 4.873 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

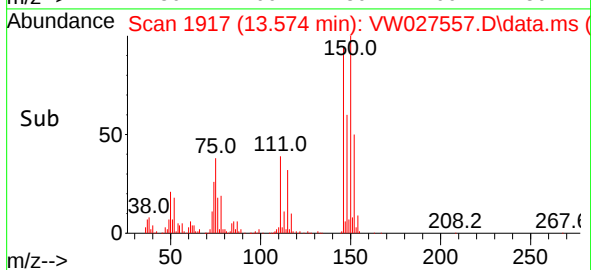
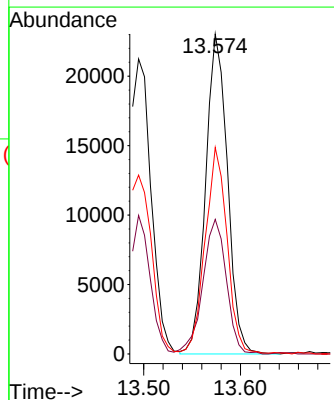
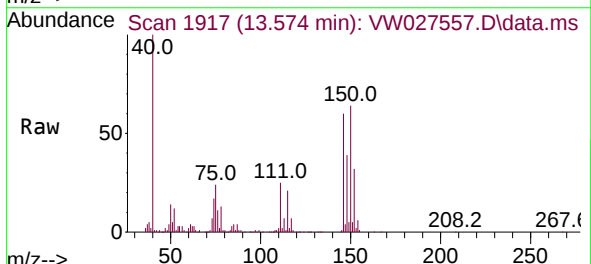
Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

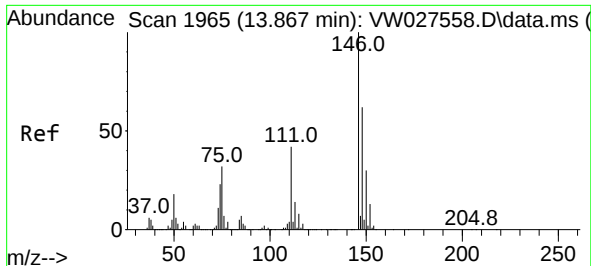
Tgt Ion:146 Resp: 35355
Ion Ratio Lower Upper
146 100
111 47.0 29.5 54.7
148 60.7 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 4.985 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion:146 Resp: 36271
Ion Ratio Lower Upper
146 100
111 42.0 28.9 53.7
148 64.5 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 4.966 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005473

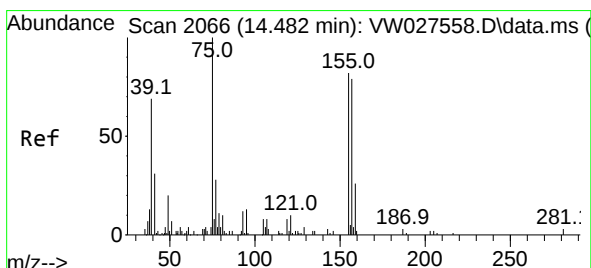
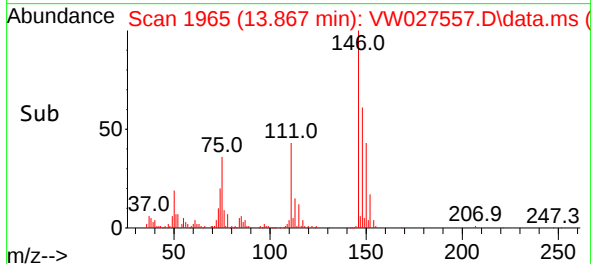
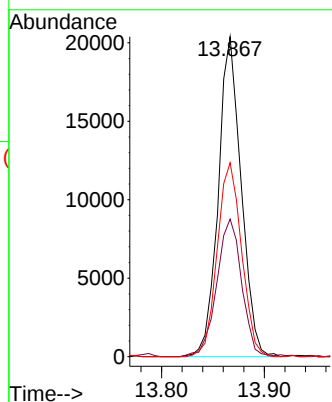
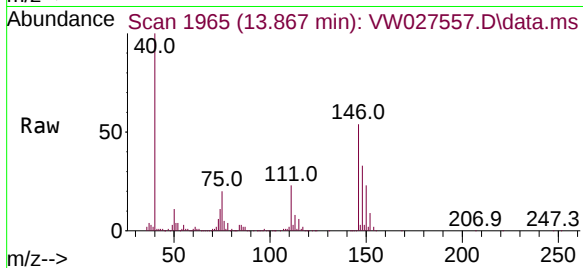
Tgt Ion:146 Resp: 31544

Ion Ratio Lower Upper

146 100

111 43.0 33.9 50.9

148 60.6 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 6.783 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

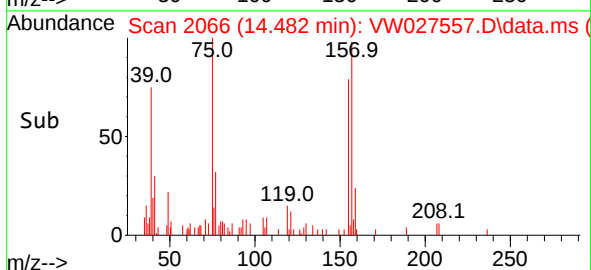
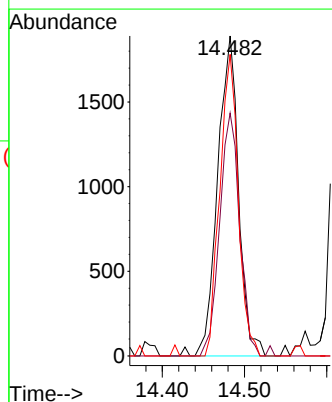
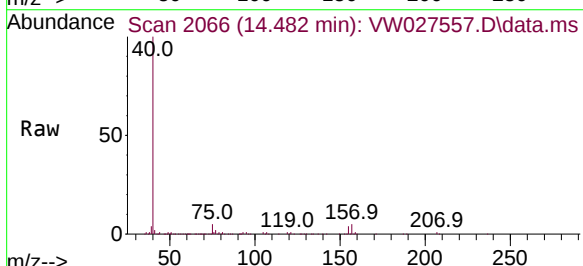
Tgt Ion: 75 Resp: 3347

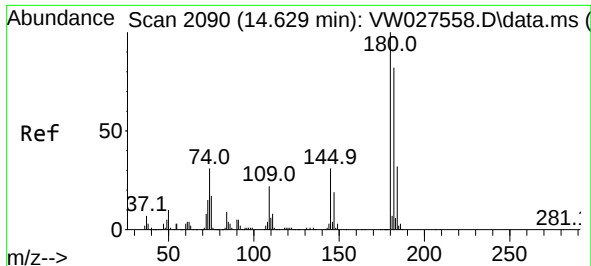
Ion Ratio Lower Upper

75 100

155 75.9 65.8 98.8

157 94.2 63.0 94.6





#69

1,3,5-Trichlorobenzene

Concen: 5.329 ug/L

RT: 14.623 min Scan# 2090

Delta R.T. -0.006 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

Instrument :

MSVOA_W

ClientSampleId :

VSTD005473

Tgt Ion:180 Resp: 25098

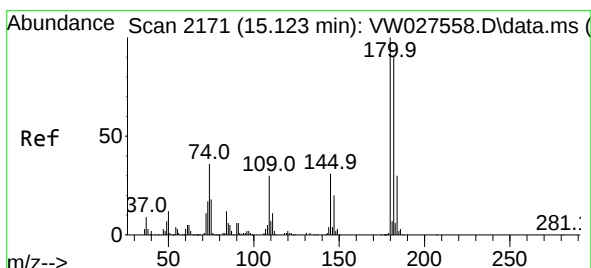
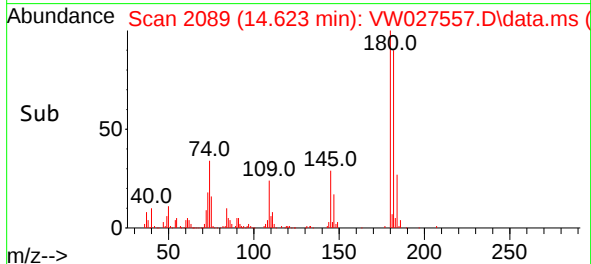
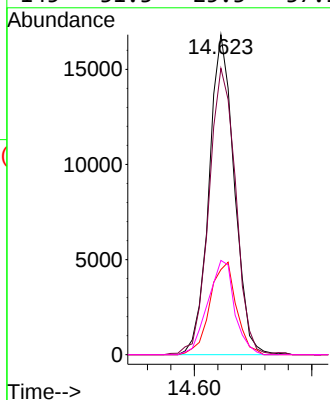
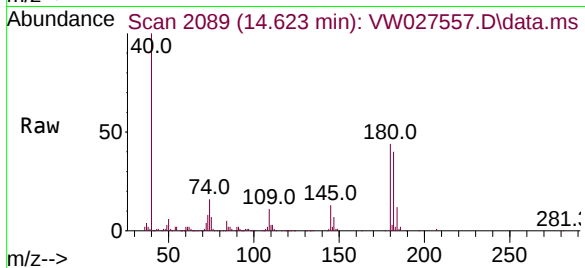
Ion Ratio Lower Upper

180 100

182 94.6 73.2 109.8

184 30.2 25.4 38.2

145 31.3 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 5.134 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027557.D

Acq: 06 Dec 2023 10:00

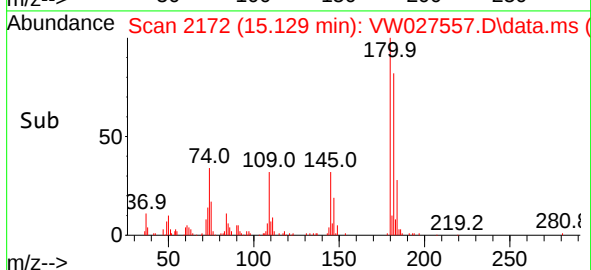
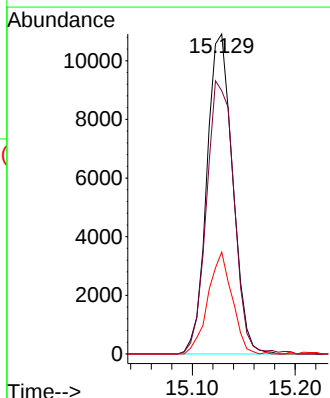
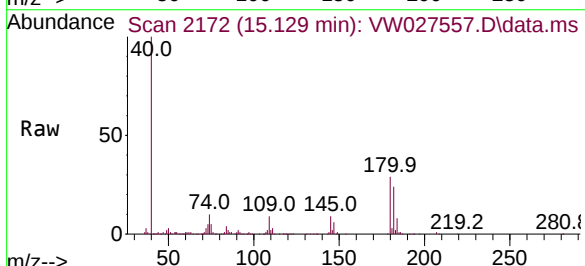
Tgt Ion:180 Resp: 19053

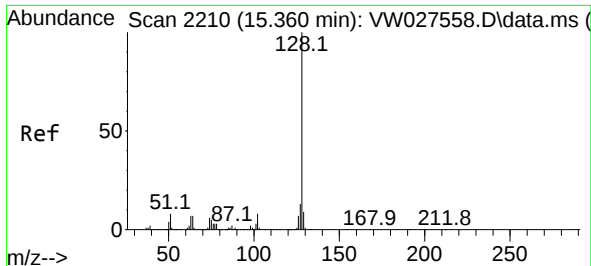
Ion Ratio Lower Upper

180 100

182 90.3 78.7 118.1

145 29.7 26.8 40.2

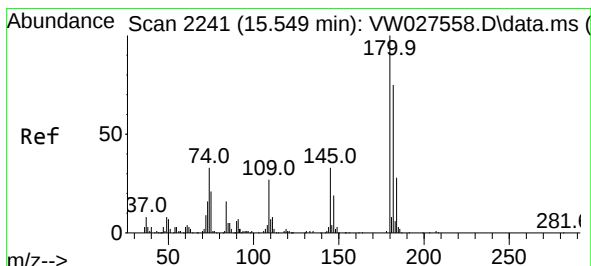
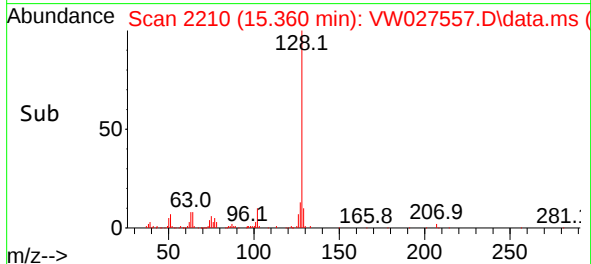
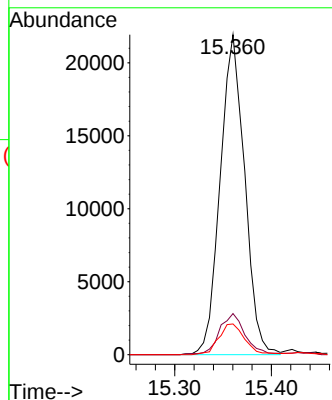
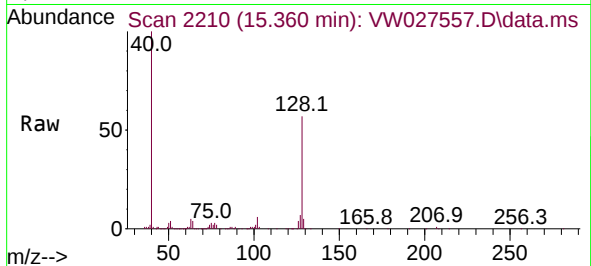




#71
Naphthalene
Concen: 5.706 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD005473

Tgt Ion:128 Resp: 38463
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 5.123 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027557.D
Acq: 06 Dec 2023 10:00

Tgt Ion:180 Resp: 15749
Ion Ratio Lower Upper
180 100
182 98.3 72.4 108.6
145 35.0 27.4 41.0

