

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027558.D
 Acq On : 06 Dec 2023 10:24
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025474

Quant Time: Dec 07 06:36:13 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	183951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	153500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	73276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	87853	25.823	ug/L	0.00
7) Chloroethane-d5	2.899	69	64715	27.353	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	37605	25.654	ug/L	0.00
21) 2-Butanone-d5	7.081	46	27615	40.046	ug/L	0.00
24) Chloroform-d	7.654	84	126168	23.757	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	53169	20.469	ug/L	0.00
32) Benzene-d6	8.276	84	264349	25.665	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	72273	23.260	ug/L	0.00
41) Toluene-d8	10.325	98	231415	25.250	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	23850	20.704	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	15455	34.935	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	45929	22.367	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	59119	21.866	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	65037	30.043	ug/L	100
3) Chloromethane	2.222	50	73326	26.168	ug/L	100
5) Vinyl chloride	2.369	62	91021	28.089	ug/L	100
6) Bromomethane	2.795	94	44691	25.699	ug/L	100
8) Chloroethane	2.930	64	50904	27.837	ug/L	100
9) Trichlorofluoromethane	3.277	101	97191	36.419	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	78416	30.106	ug/L	100
12) 1,1-Dichloroethene	4.045	96	67579	27.022	ug/L	100
13) Acetone	4.118	43	28390	39.210	ug/L	100
14) Carbon disulfide	4.393	76	189753	22.905	ug/L	100
15) Methyl Acetate	4.405	43	405	0.353	ug/L	94
16) Methylene chloride	4.923	84	59266	19.970	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	66608	25.455	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	89882	23.584	ug/L	100
19) 1,1-Dichloroethane	6.222	63	134861	25.836	ug/L	100
20) cis-1,2-Dichloroethene	7.179	96	67067	24.097	ug/L	100
22) 2-Butanone	7.173	43	33509	36.175	ug/L	100
23) Bromochloromethane	7.520	128	23275	20.739	ug/L	100
25) Chloroform	7.679	83	119756	24.933	ug/L	100
27) 1,2-Dichloroethane	8.404	62	64694	21.216	ug/L	100
29) Cyclohexane	7.959	56	138669	28.503	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	119914	31.041	ug/L	100
31) Carbon tetrachloride	8.075	117	103980	30.839	ug/L	100
33) Benzene	8.325	78	281912	26.998	ug/L	100
34) Trichloroethene	9.093	95	76689	28.052	ug/L	100
35) Methylcyclohexane	9.337	83	144190	28.929	ug/L	100
37) 1,2-Dichloropropane	9.367	63	68327	25.295	ug/L	100
38) Bromodichloromethane	9.642	83	76316	25.029	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	92819	23.703	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	59583	41.647	ug/L	100
42) Toluene	10.386	91	292400	27.004	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	69869	22.558	ug/L	100

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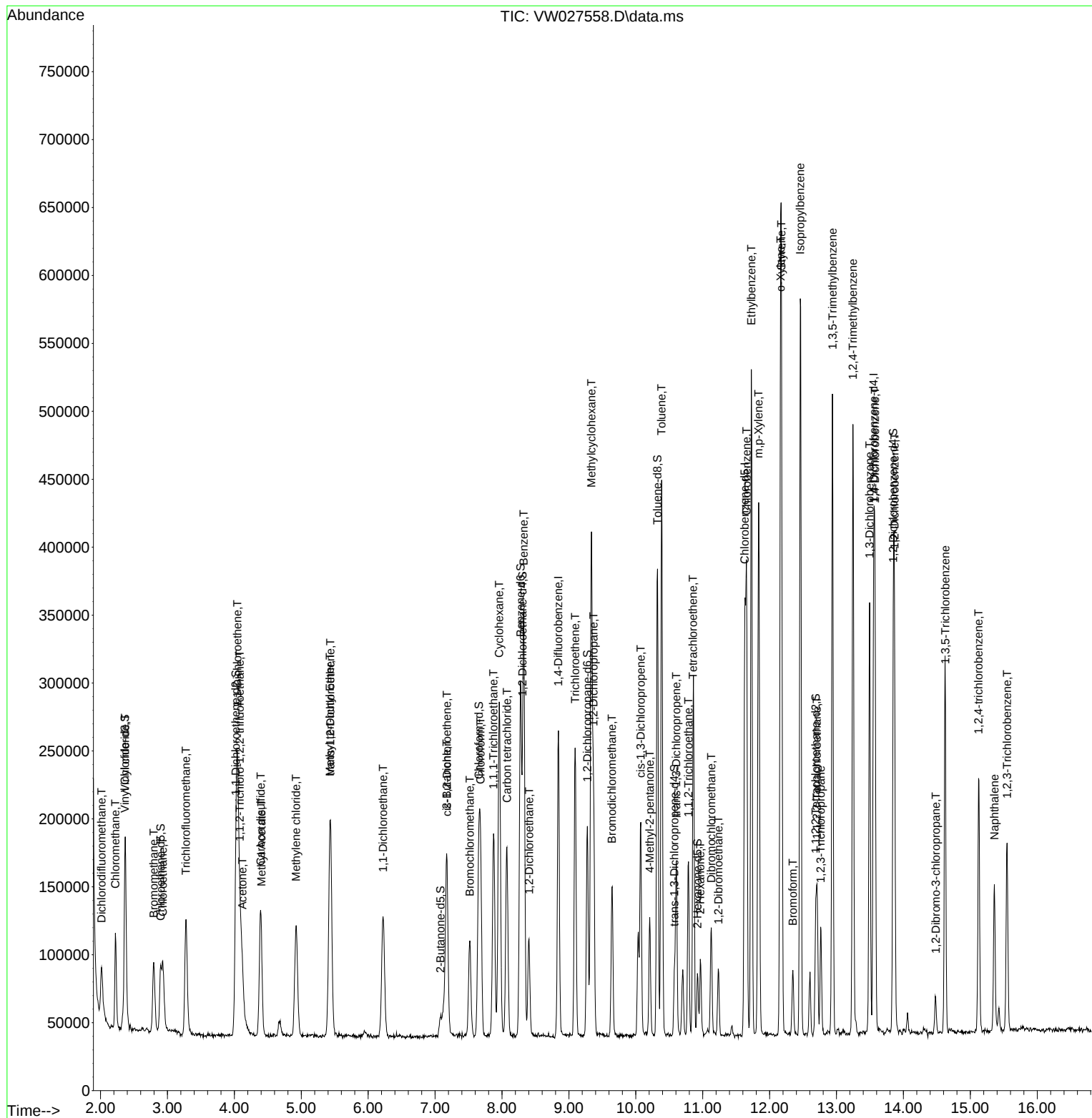
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	40032	23.243	ug/L	100
46) Tetrachloroethene	10.855	164	53915	27.549	ug/L	100
48) 2-Hexanone	10.965	43	36714	34.097	ug/L	100
49) Dibromochloromethane	11.129	129	41309	23.703	ug/L	100
50) 1,2-Dibromoethane	11.233	107	33615	21.268	ug/L	100
51) Chlorobenzene	11.654	112	165962	25.259	ug/L	100
52) Ethylbenzene	11.727	91	333021	26.966	ug/L	100
53) m,p-Xylene	11.837	106	121839	26.921	ug/L	100
54) o-Xylene	12.166	106	107729	25.406	ug/L	100
55) Styrene	12.178	104	183758	25.615	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	46843	23.356	ug/L	100
59) Bromoform	12.349	173	20624	22.131	ug/L	100
60) Isopropylbenzene	12.458	105	346559	27.817	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	32699	22.083	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	243859	26.139	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	238157	25.126	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	115293	23.667	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	114766	23.494	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	101002	23.682	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	6971	21.041	ug/L	100
69) 1,3,5-Trichlorobenzene	14.629	180	78209	24.734	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	55188	22.150	ug/L	100
71) Naphthalene	15.360	128	89801	19.842	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	43468	21.060	ug/L	100

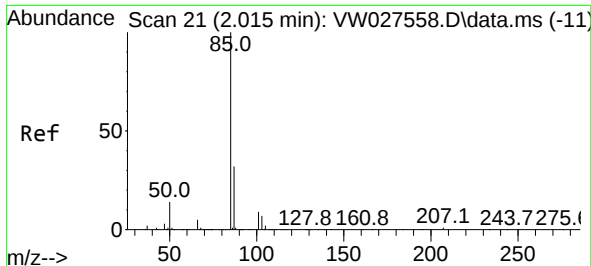
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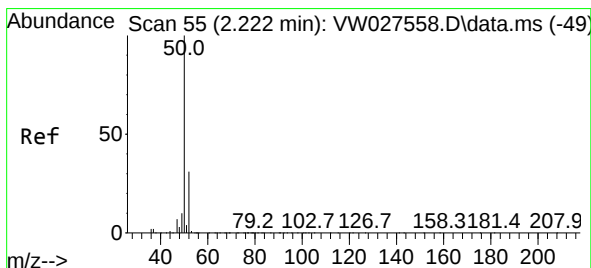
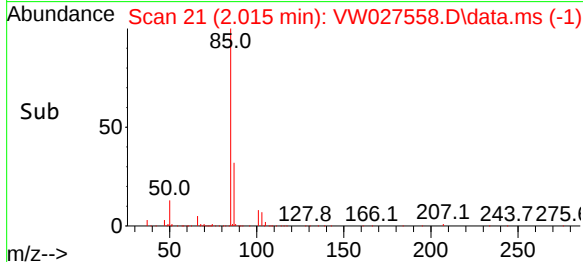
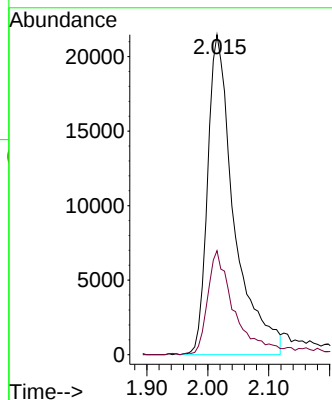
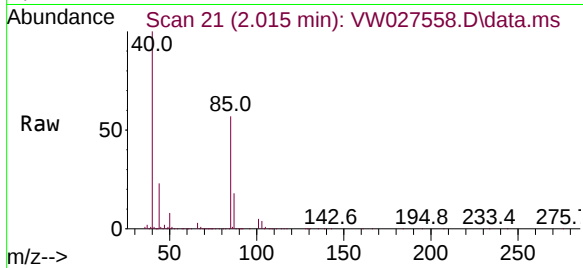




#2
 Dichlorodifluoromethane
 Concen: 30.043 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

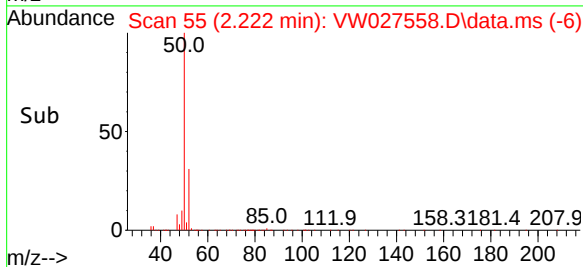
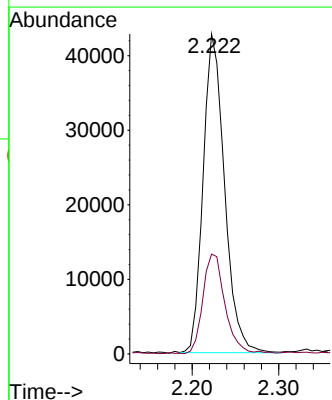
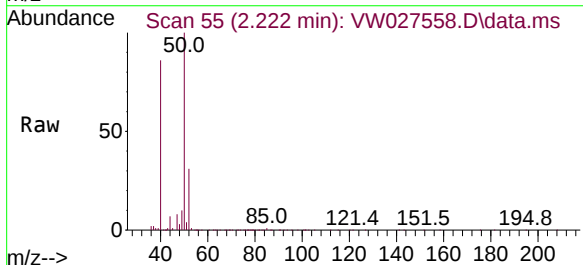
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 ClientSampleId :
 VSTD025474

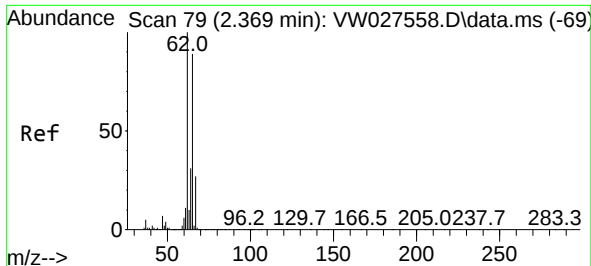
Tgt Ion: 85 Resp: 65037
 Ion Ratio Lower Upper
 85 100
 87 30.0 24.0 36.0



#3
 Chloromethane
 Concen: 26.168 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

Tgt Ion: 50 Resp: 73326
 Ion Ratio Lower Upper
 50 100
 52 31.2 21.8 40.6

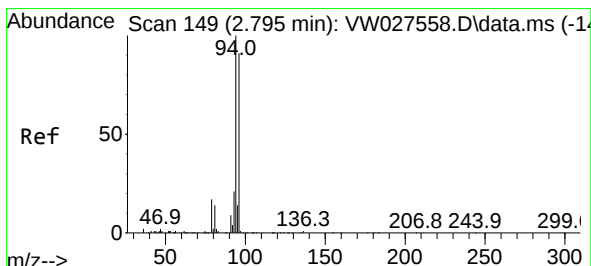
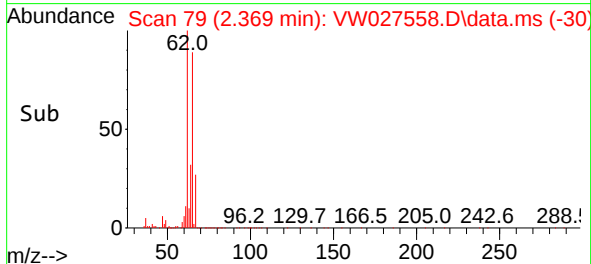
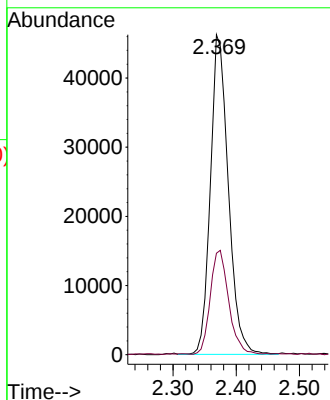
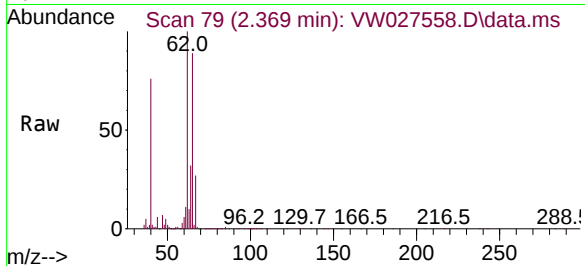




#5
 Vinyl chloride
 Concen: 28.089 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

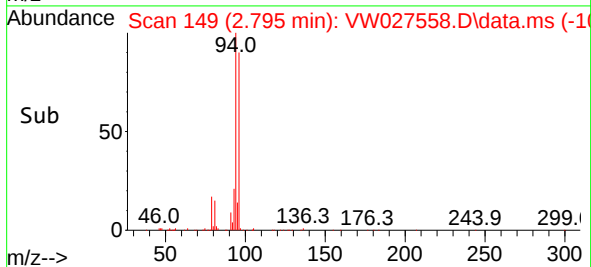
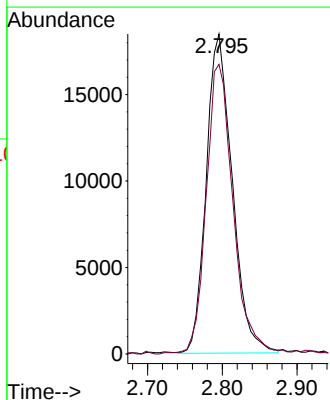
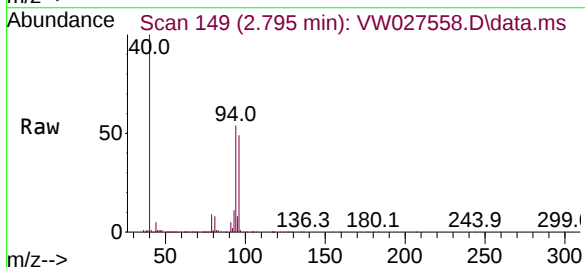
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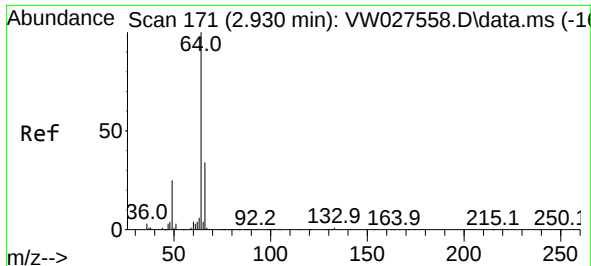
Tgt Ion: 62 Resp: 91021
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.2 41.2



#6
 Bromomethane
 Concen: 25.699 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

Tgt Ion: 94 Resp: 44691
 Ion Ratio Lower Upper
 94 100
 96 90.5 63.3 117.7

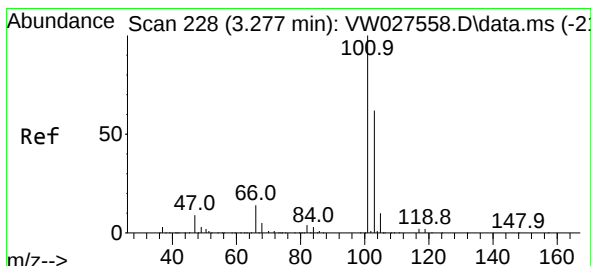
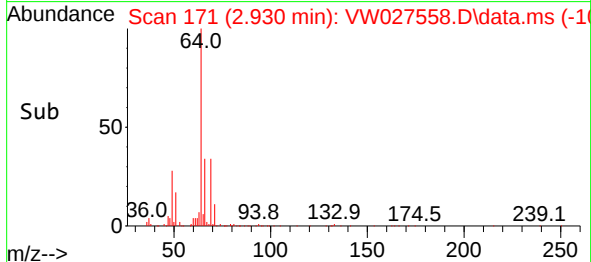
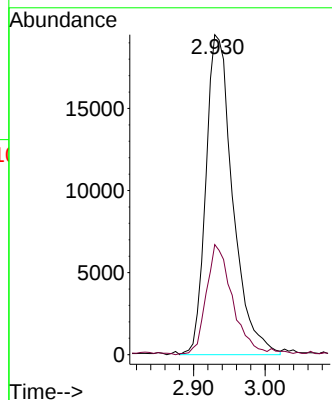
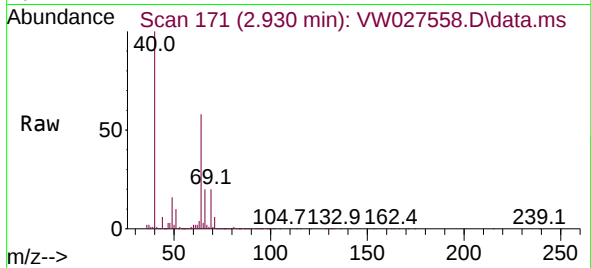




#8
Chloroethane
Concen: 27.837 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

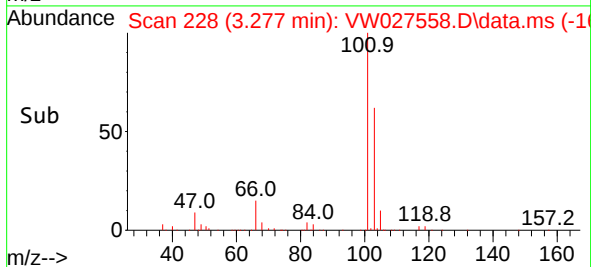
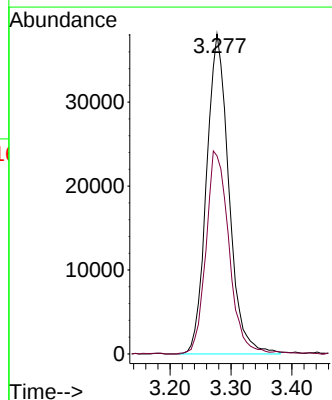
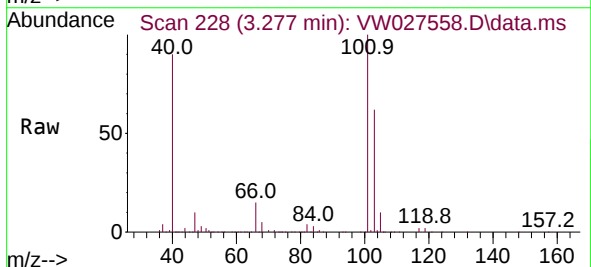
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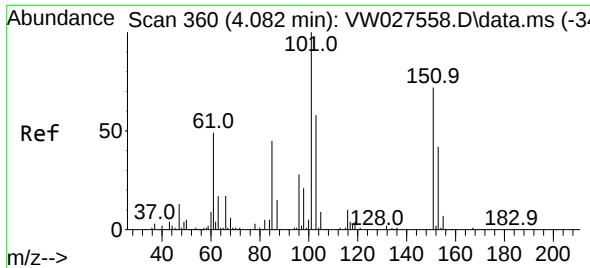
Tgt Ion: 64 Resp: 50904
Ion Ratio Lower Upper
64 100
66 34.4 24.1 44.7



#9
Trichlorofluoromethane
Concen: 36.419 ug/L
RT: 3.277 min Scan# 228
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion:101 Resp: 97191
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

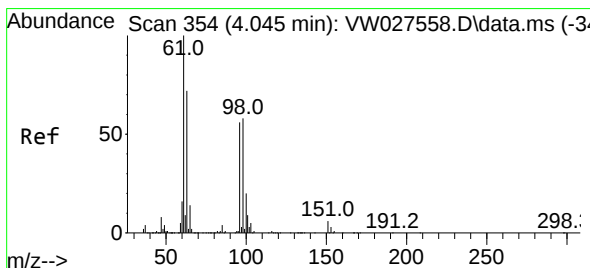
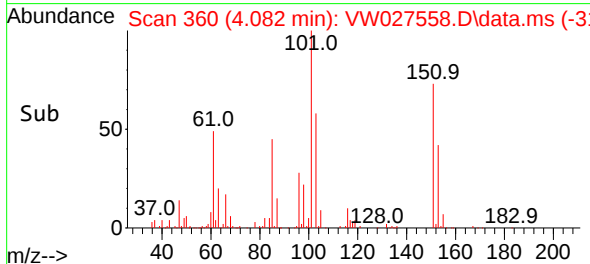
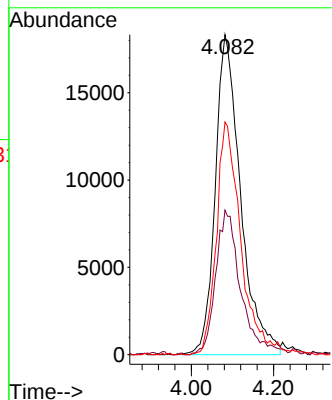
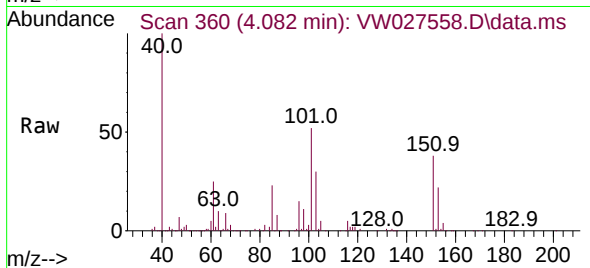




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 30.106 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

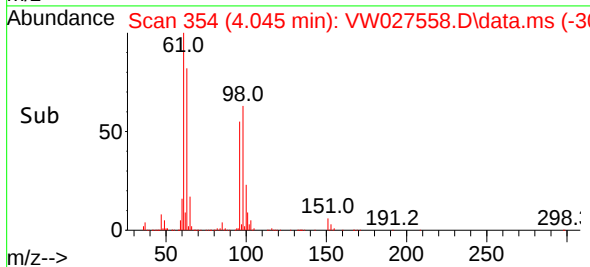
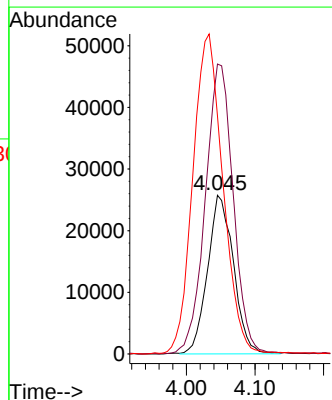
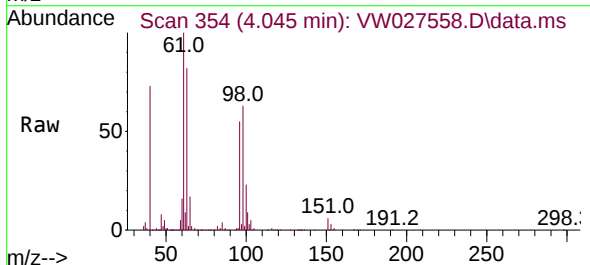
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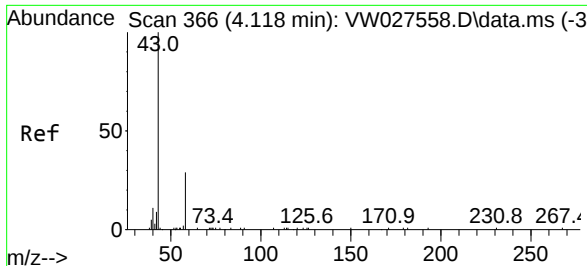
Tgt Ion:101 Resp: 78416
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.9 50.9
 151 68.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 27.022 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

Tgt Ion: 96 Resp: 67579
 Ion Ratio Lower Upper
 96 100
 61 182.6 127.8 237.4
 63 149.8 104.9 194.7

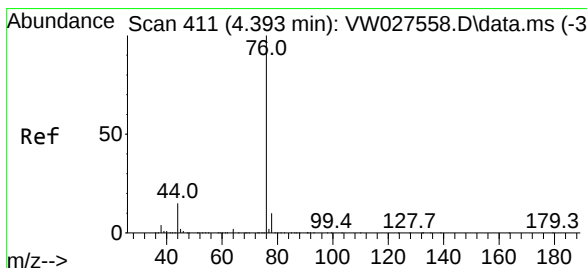
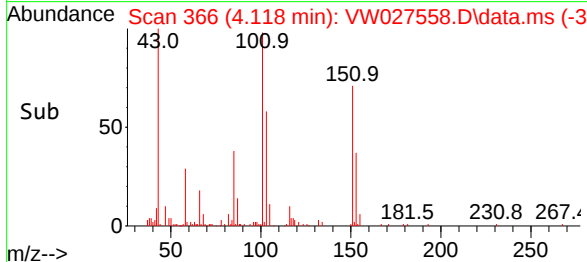
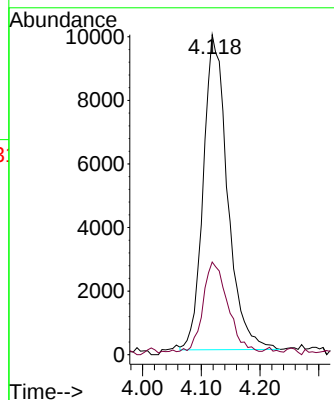
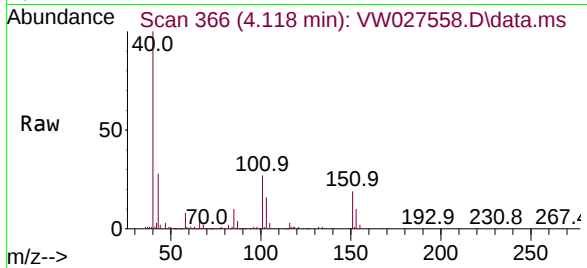




#13
Acetone
Concen: 39.210 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW027558.D
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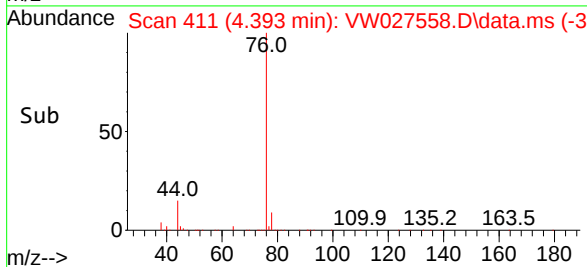
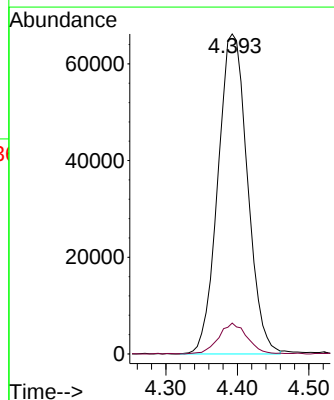
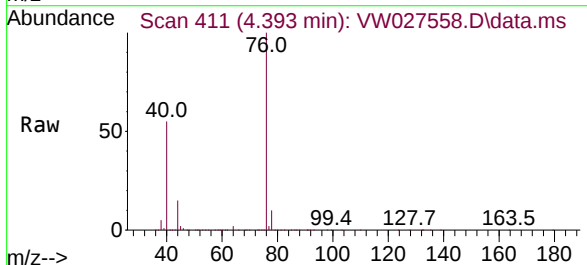
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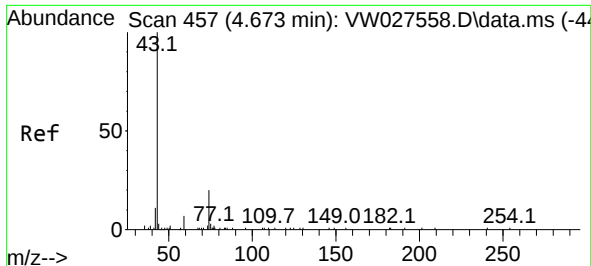
Tgt Ion: 43 Resp: 28390
Ion Ratio Lower Upper
43 100
58 30.0 0.0 60.0



#14
Carbon disulfide
Concen: 22.905 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027558.D
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Tgt Ion: 76 Resp: 189753
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6

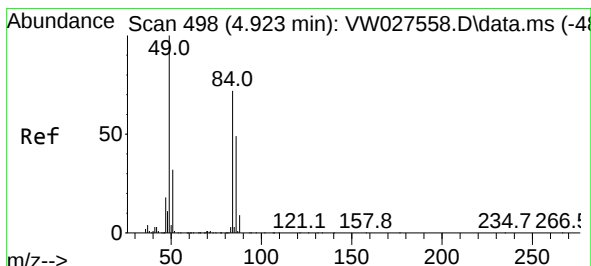
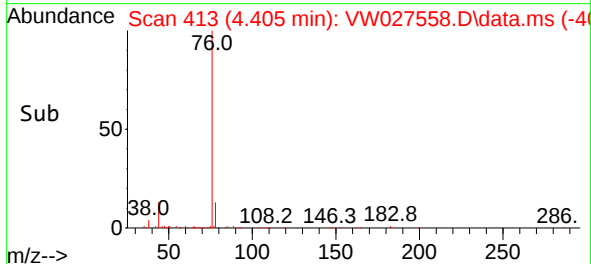
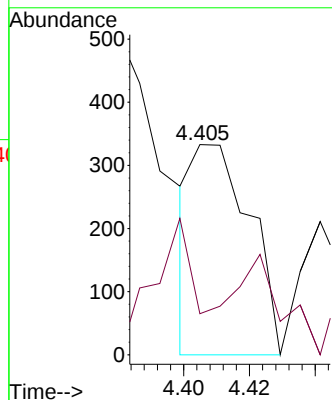
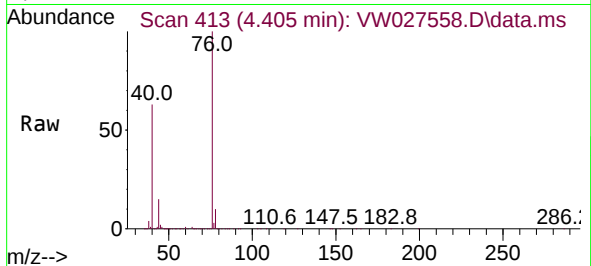




#15
Methyl Acetate
Concen: 0.353 ug/L
RT: 4.405 min Scan# 413
Delta R.T. -0.268 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

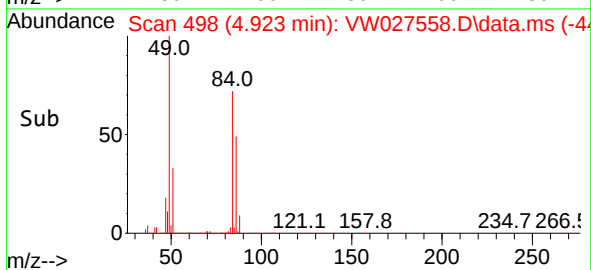
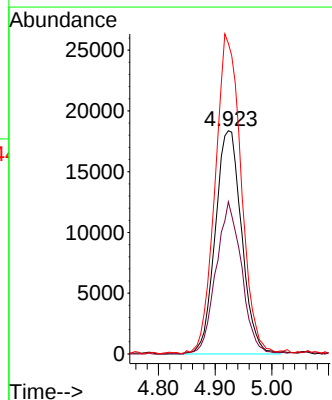
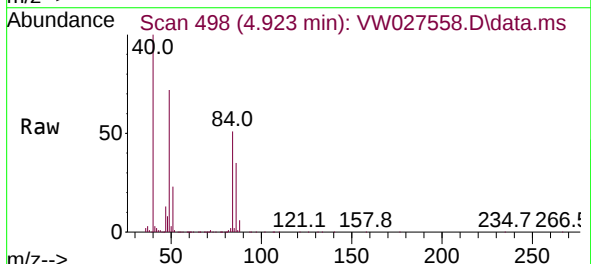
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

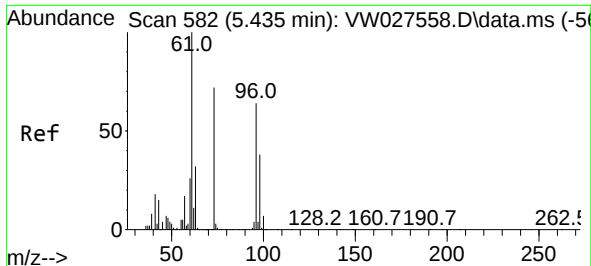
Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
74 18.0 16.8 25.2



#16
Methylene chloride
Concen: 19.970 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion: 84 Resp: 59266
Ion Ratio Lower Upper
84 100
86 68.2 47.7 88.7
49 139.2 97.4 181.0

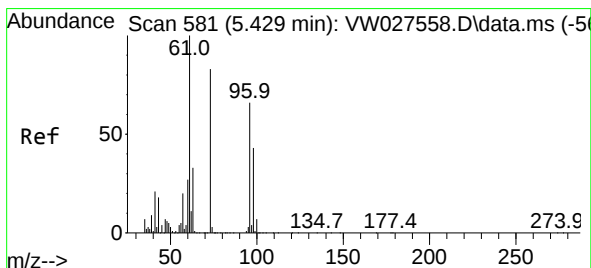
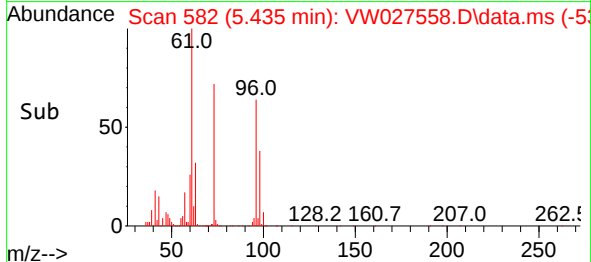
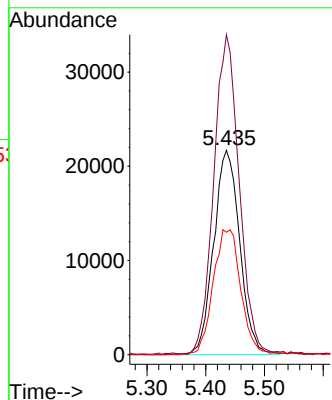
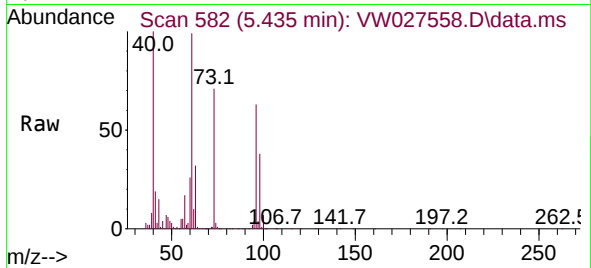




#17
trans-1,2-Dichloroethene
Concen: 25.455 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

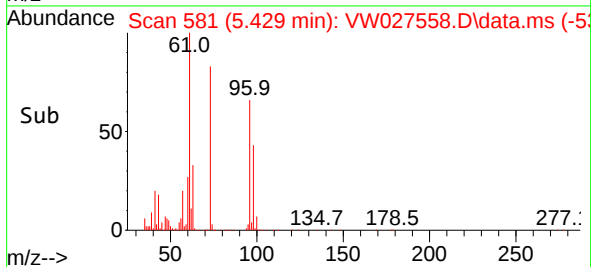
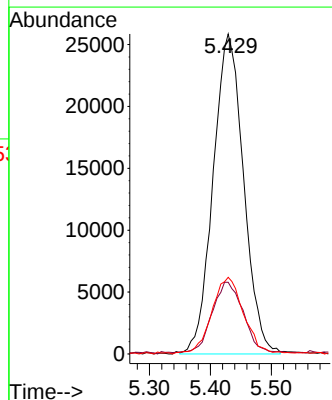
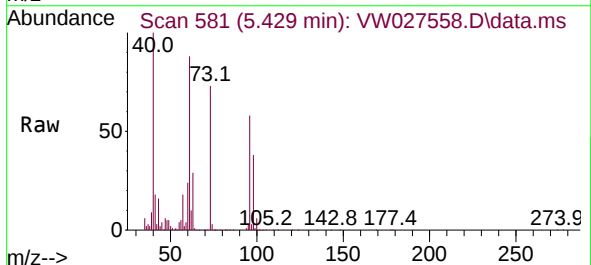
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

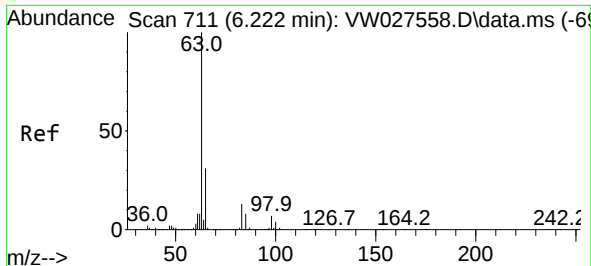
Tgt Ion: 96 Resp: 66608
Ion Ratio Lower Upper
96 100
61 156.6 109.6 203.6
98 59.8 41.9 77.7



#18
Methyl tert-butyl Ether
Concen: 23.584 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion: 73 Resp: 89882
Ion Ratio Lower Upper
73 100
43 22.2 17.8 26.6
57 24.9 19.9 29.9





#19

1,1-Dichloroethane

Concen: 25.836 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025474

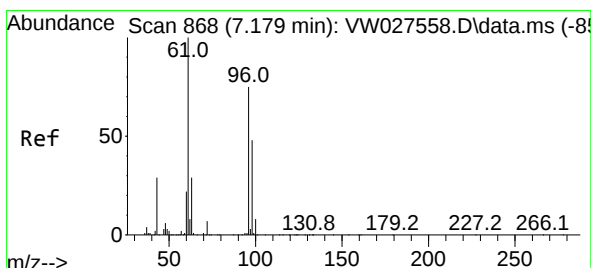
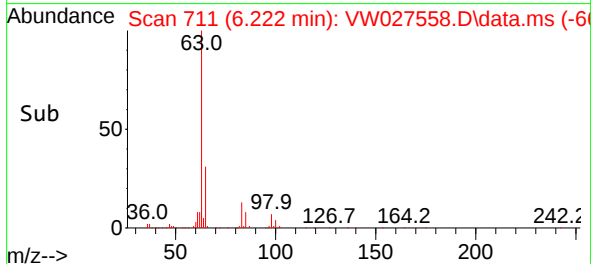
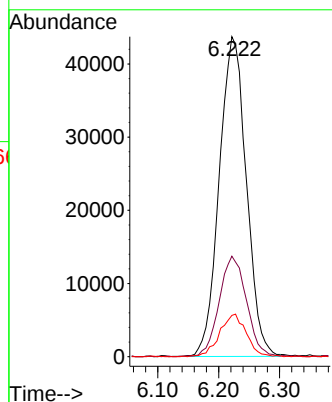
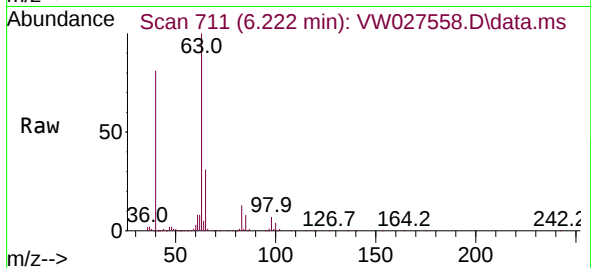
Tgt Ion: 63 Resp: 134861

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

83 12.9 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.097 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

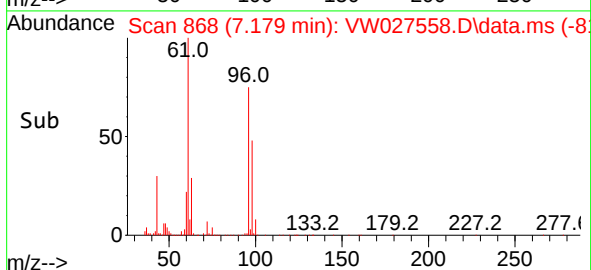
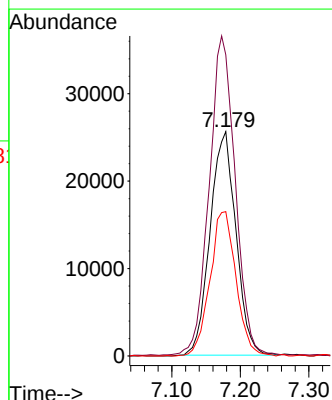
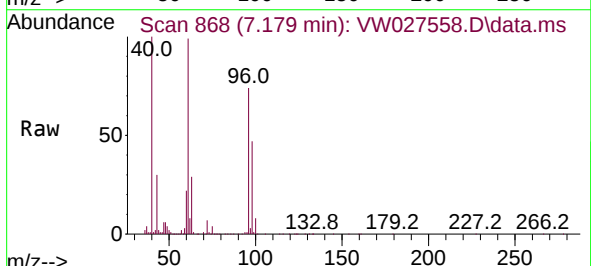
Tgt Ion: 96 Resp: 67067

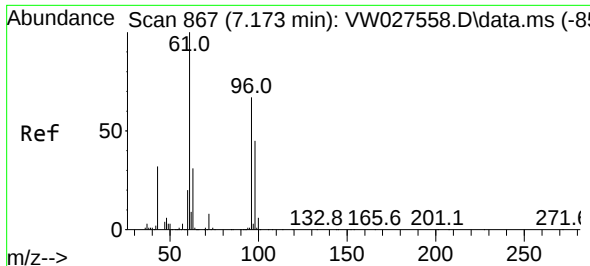
Ion Ratio Lower Upper

96 100

61 134.3 94.0 174.6

98 64.4 45.1 83.7

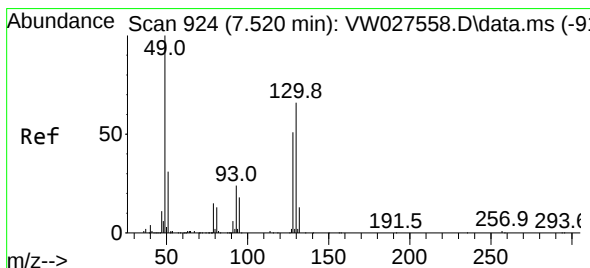
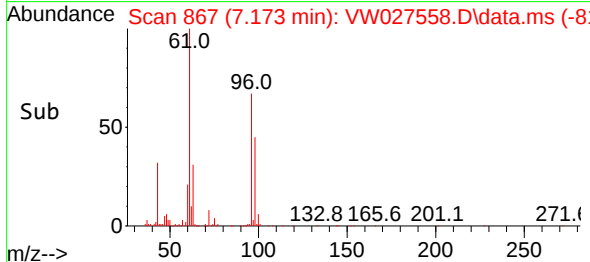
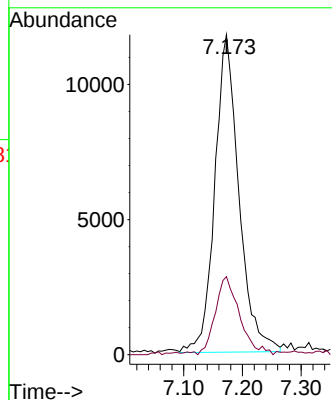
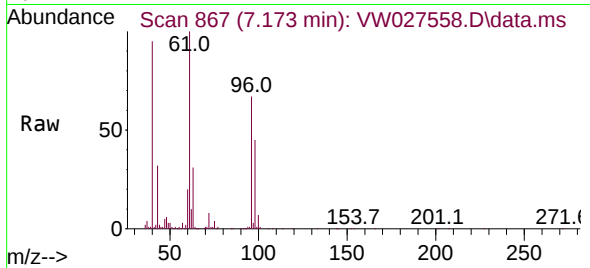




#22
2-Butanone
Concen: 36.175 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

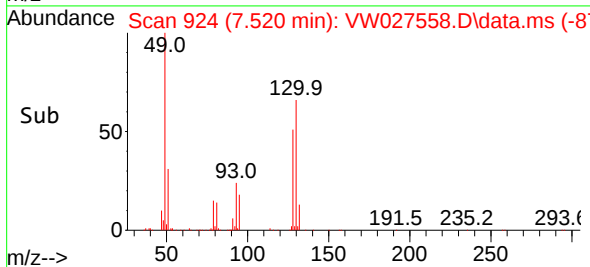
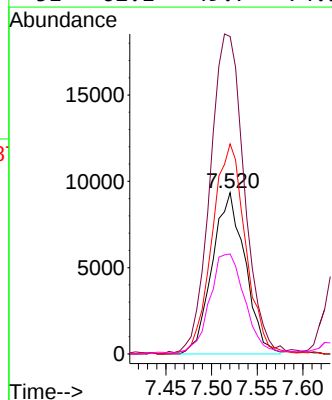
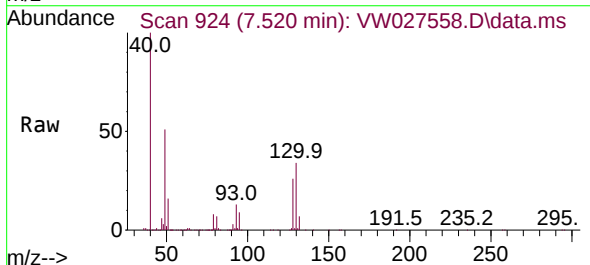
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

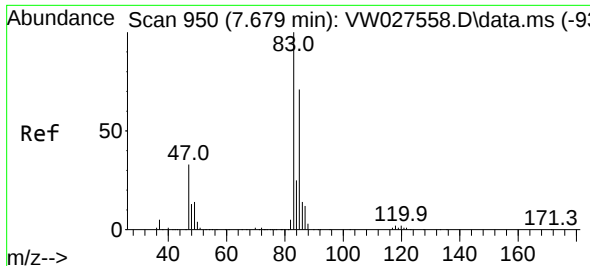
Tgt Ion: 43 Resp: 33509
Ion Ratio Lower Upper
43 100
72 23.9 11.9 35.9



#23
Bromochloromethane
Concen: 20.739 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion: 128 Resp: 23275
Ion Ratio Lower Upper
128 100
49 196.9 137.8 256.0
130 130.3 91.2 169.4
51 62.1 49.7 74.5

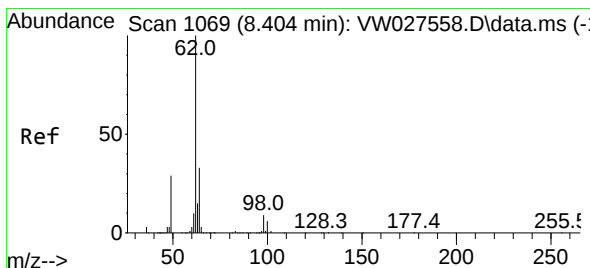
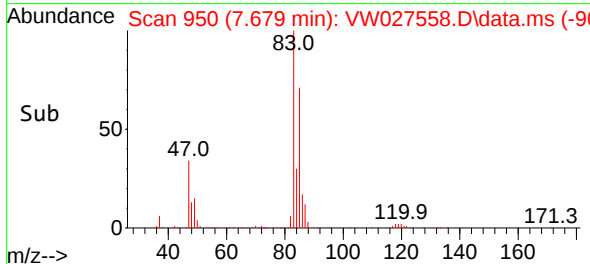
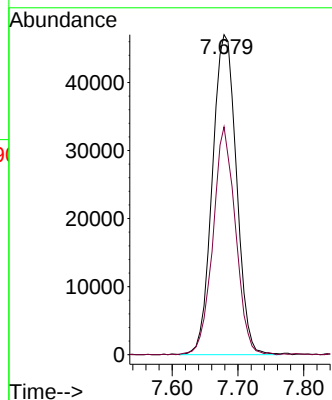
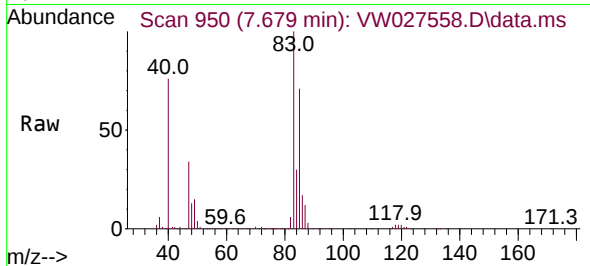




#25
Chloroform
Concen: 24.933 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

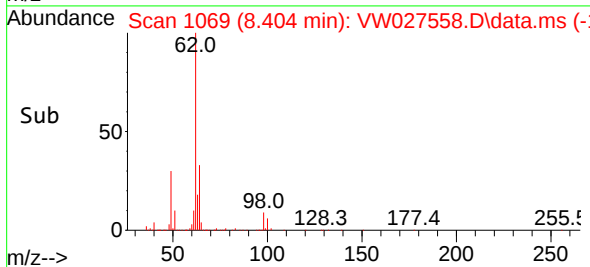
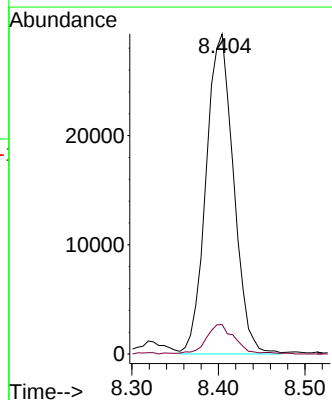
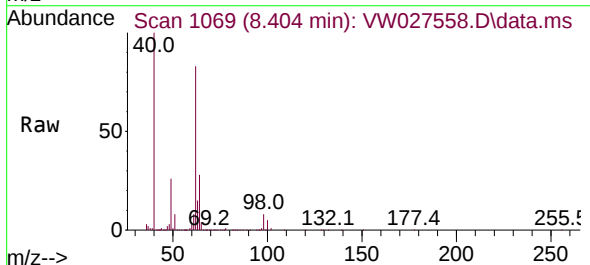
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

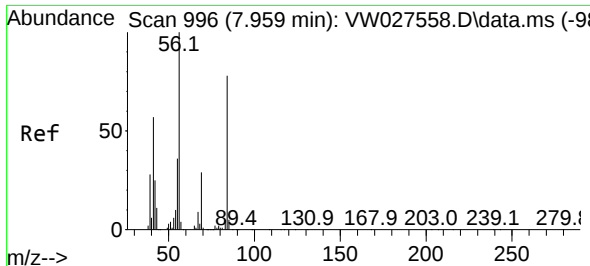
Tgt Ion: 83 Resp: 119756
Ion Ratio Lower Upper
83 100
85 71.2 49.8 92.6



#27
1,2-Dichloroethane
Concen: 21.216 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion: 62 Resp: 64694
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0

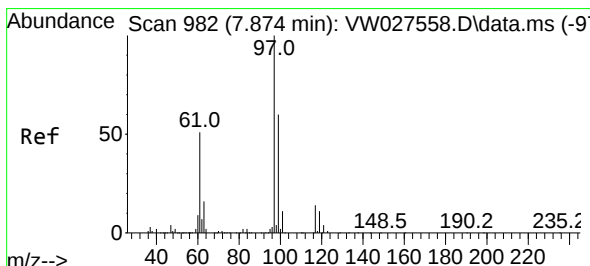
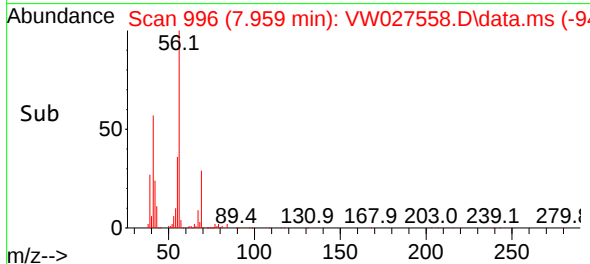
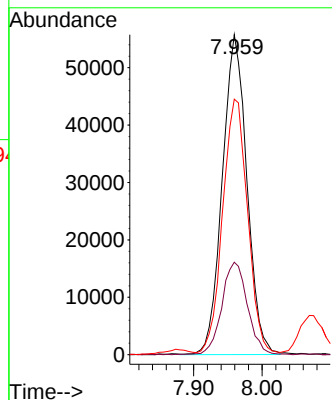
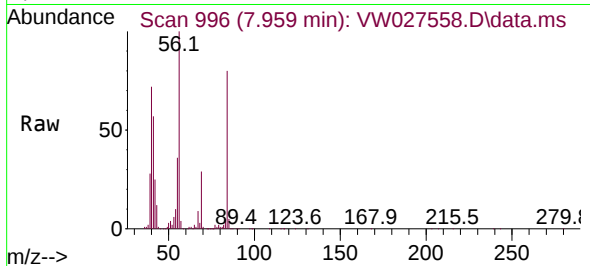




#29
Cyclohexane
Concen: 28.503 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

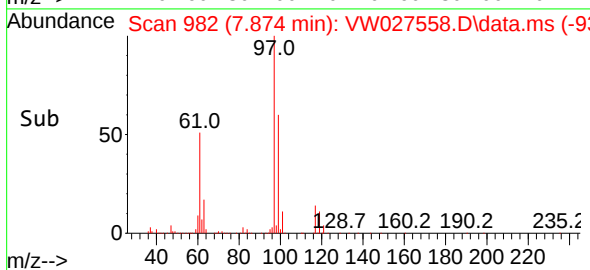
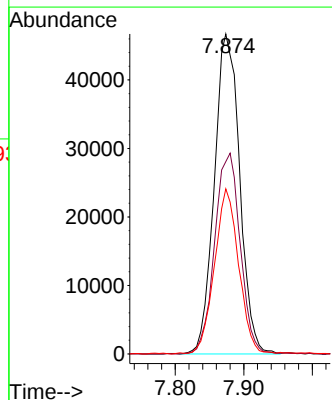
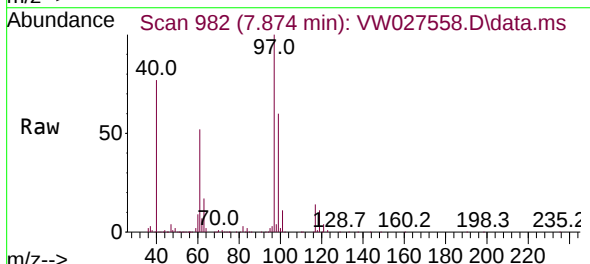
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

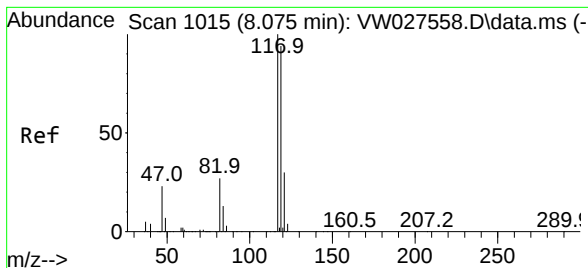
Tgt Ion: 56 Resp: 138669
Ion Ratio Lower Upper
56 100
69 30.1 24.1 36.1
84 81.2 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 31.041 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion: 97 Resp: 119914
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 48.7 39.0 58.4





#31

Carbon tetrachloride

Concen: 30.839 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Instrument :

MSVOA_W

ClientSampleId :

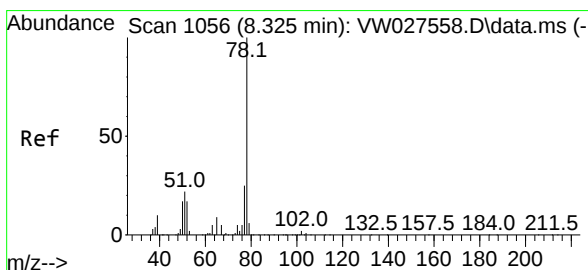
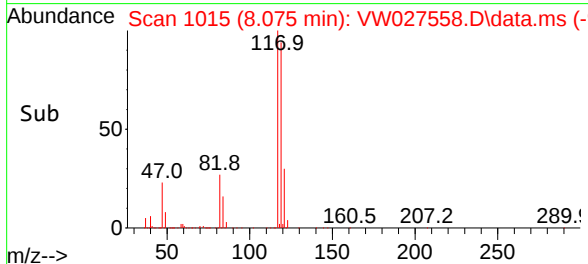
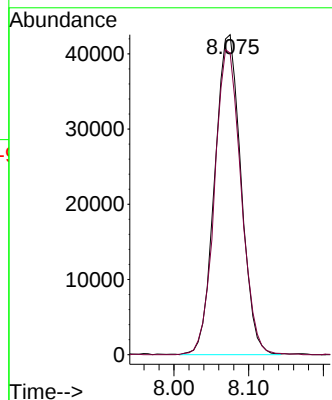
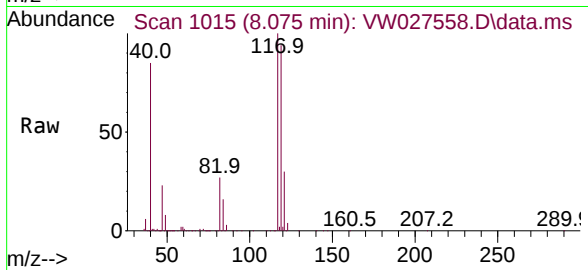
VSTD025474

Tgt Ion:117 Resp: 103980

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6



#33

Benzene

Concen: 26.998 ug/L

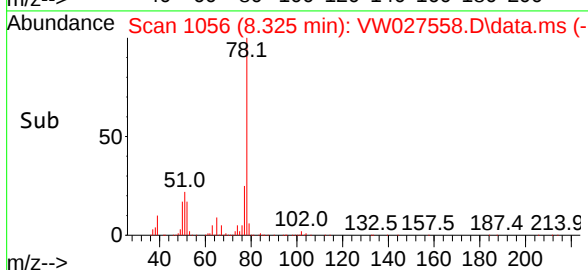
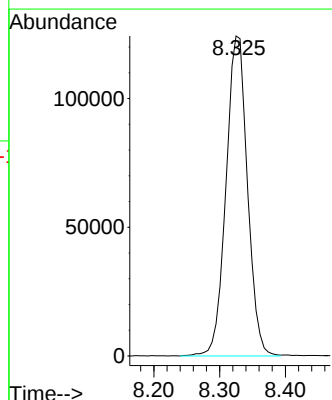
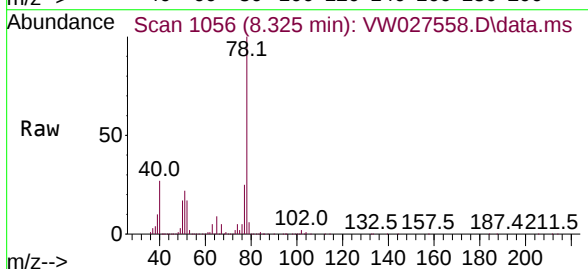
RT: 8.325 min Scan# 1056

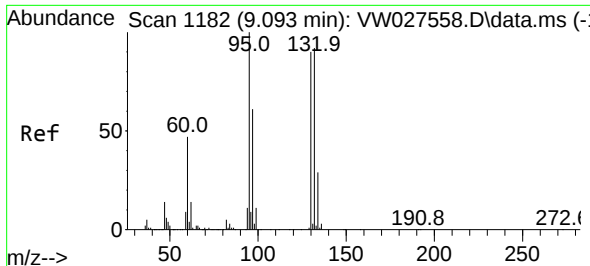
Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Tgt Ion: 78 Resp: 281912

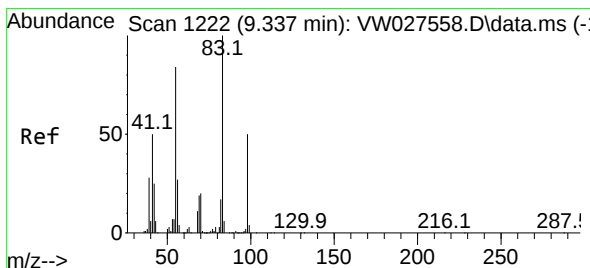
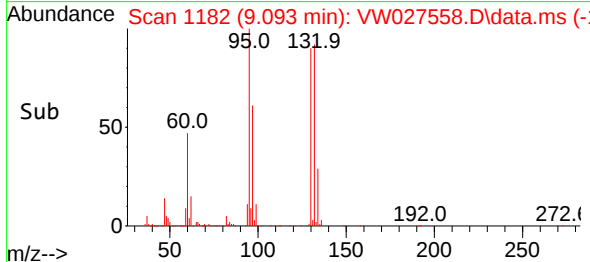
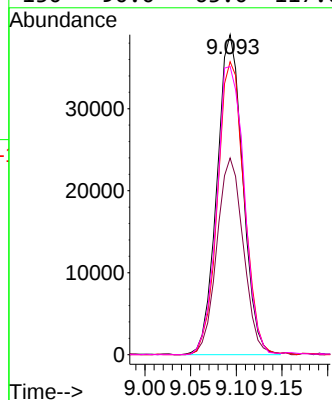
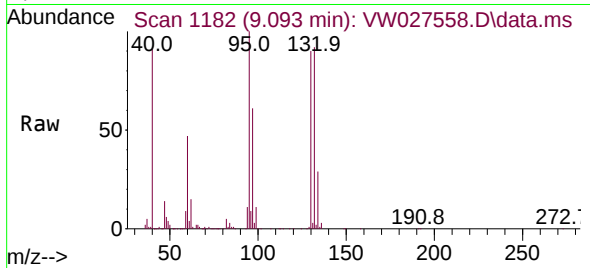




#34
Trichloroethene
Concen: 28.052 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

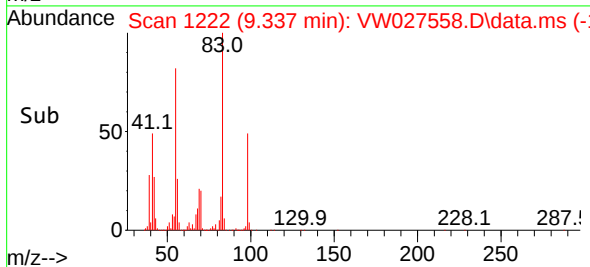
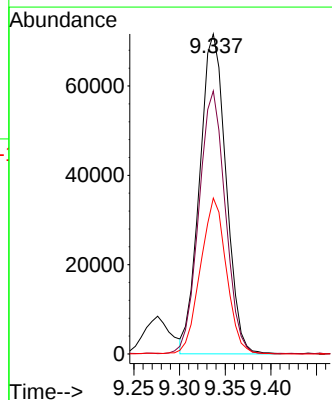
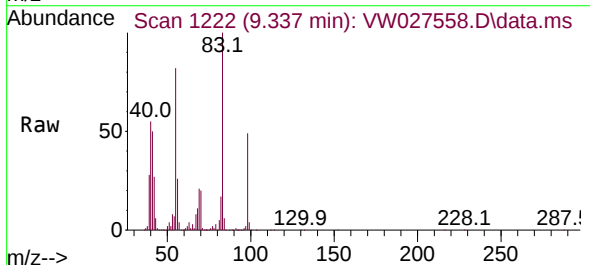
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

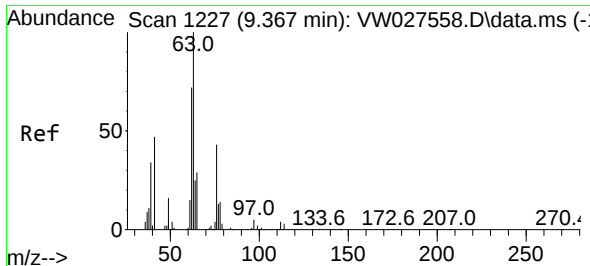
Tgt Ion:	95	Resp:	76689
Ion	Ratio	Lower	Upper
95	100		
97	61.5	43.0	80.0
132	91.6	64.1	119.1
130	90.0	63.0	117.0



#35
Methylcyclohexane
Concen: 28.929 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion:	83	Resp:	144190
Ion	Ratio	Lower	Upper
83	100		
55	82.0	65.6	98.4
98	47.9	38.3	57.5





#37

1,2-Dichloropropane

Concen: 25.295 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Instrument :

MSVOA_W

ClientSampleId :

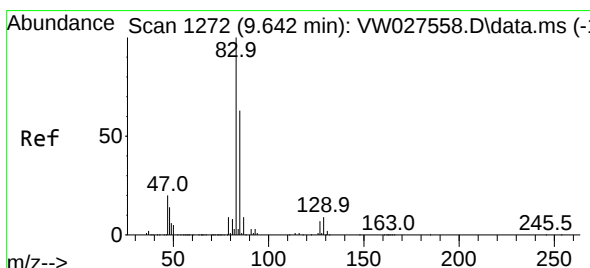
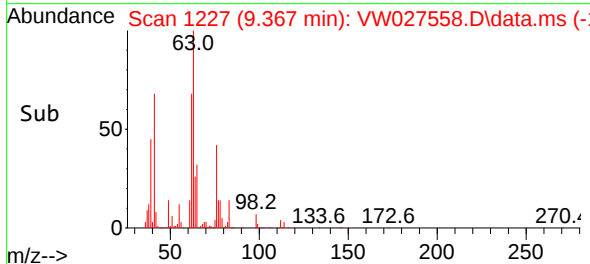
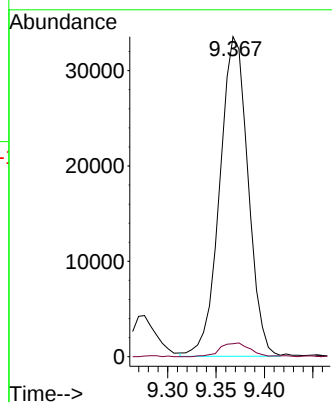
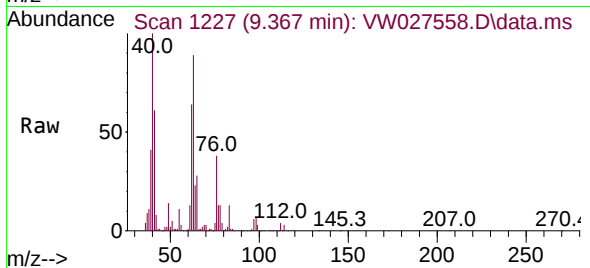
VSTD025474

Tgt Ion: 63 Resp: 68327

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 25.029 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

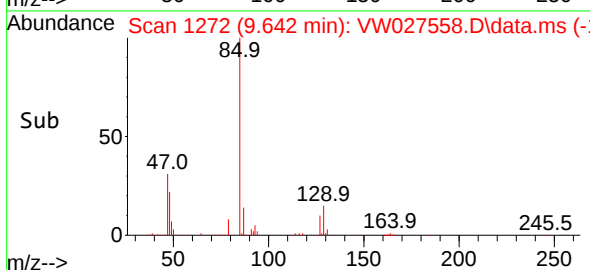
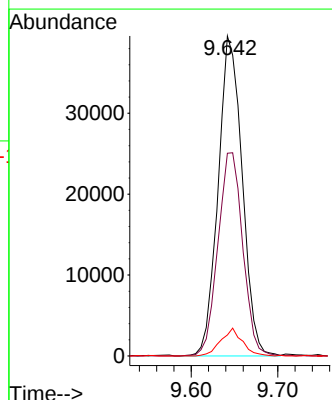
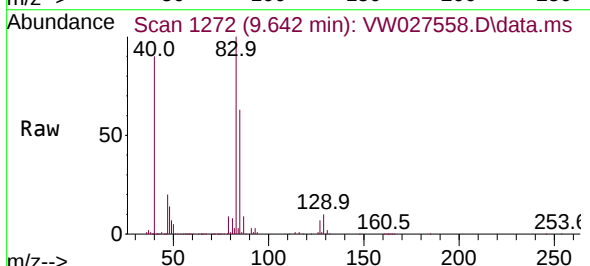
Tgt Ion: 83 Resp: 76316

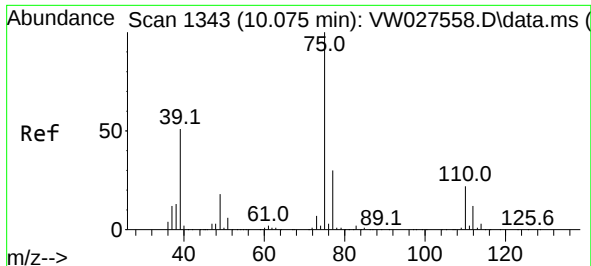
Ion Ratio Lower Upper

83 100

85 63.3 44.3 82.3

127 6.6 5.3 7.9





#39

cis-1,3-Dichloropropene

Concen: 23.703 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Instrument :

MSVOA_W

ClientSampleId :

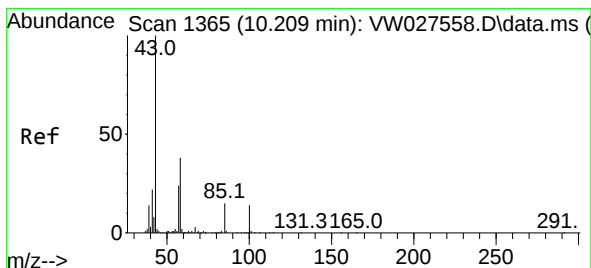
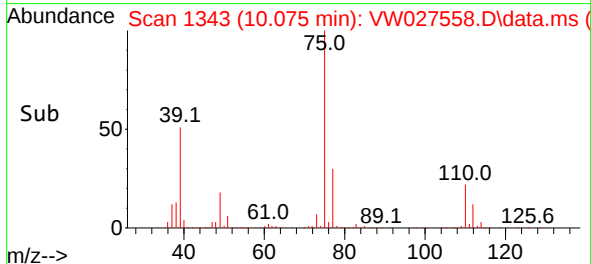
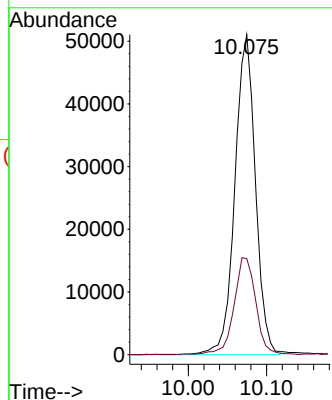
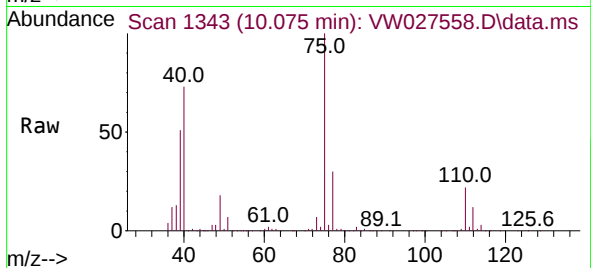
VSTD025474

Tgt Ion: 75 Resp: 92819

Ion Ratio Lower Upper

75 100

77 30.1 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 41.647 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

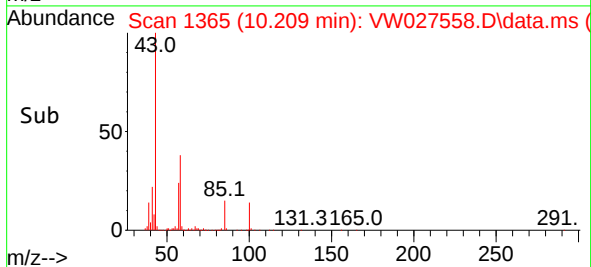
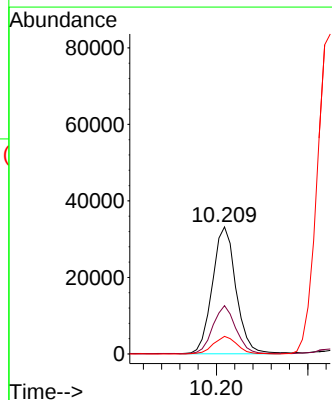
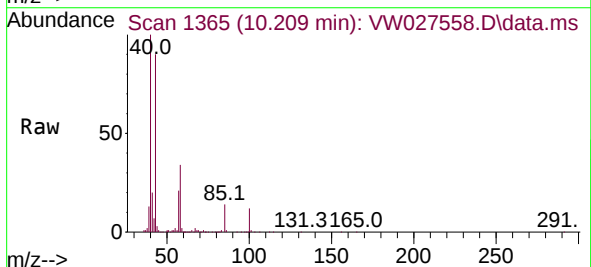
Tgt Ion: 43 Resp: 59583

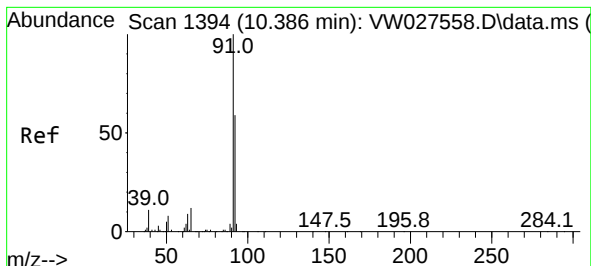
Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

100 13.9 11.1 16.7





#42

Toluene

Concen: 27.004 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Instrument :

MSVOA_W

ClientSampleId :

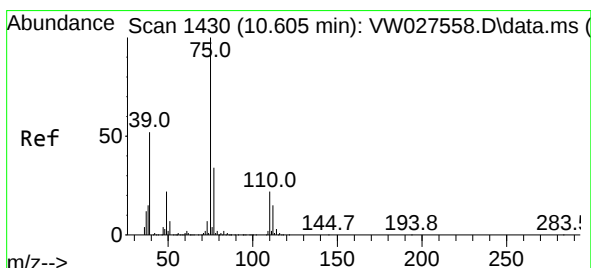
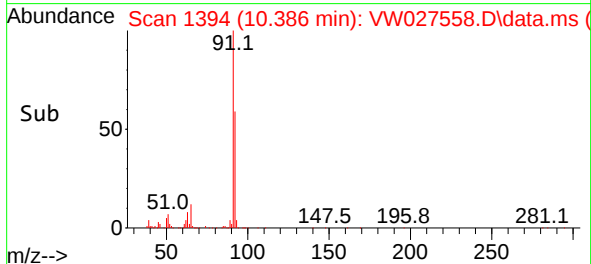
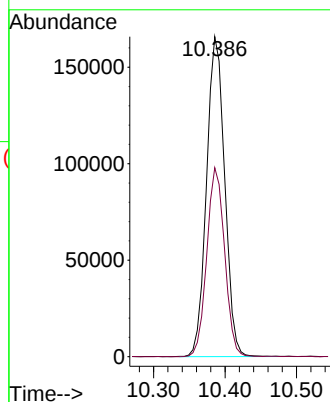
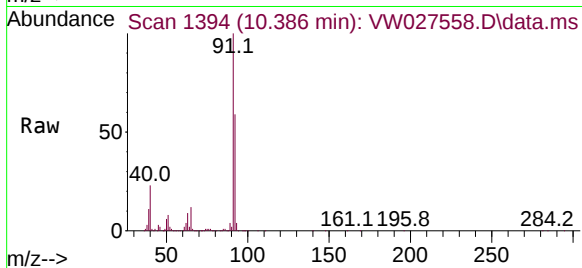
VSTD025474

Tgt Ion: 91 Resp: 292400

Ion Ratio Lower Upper

91 100

92 59.1 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 22.558 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027558.D

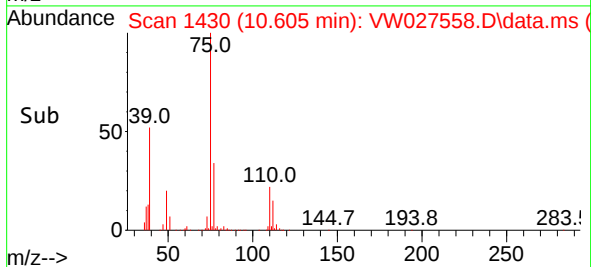
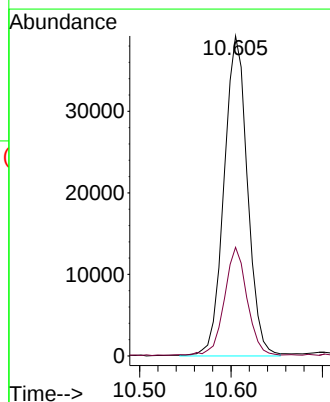
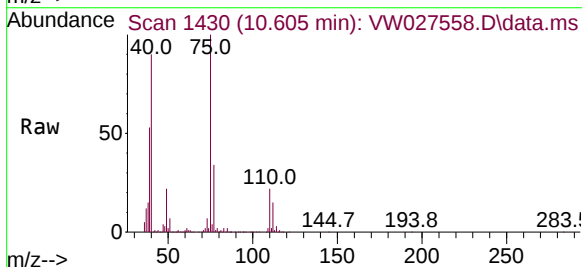
Acq: 06 Dec 2023 10:24

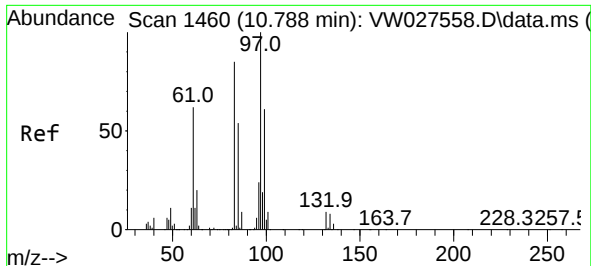
Tgt Ion: 75 Resp: 69869

Ion Ratio Lower Upper

75 100

77 33.9 23.7 44.1

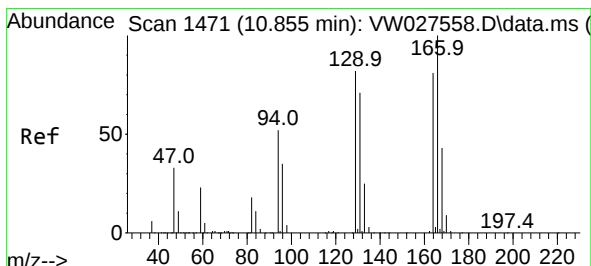
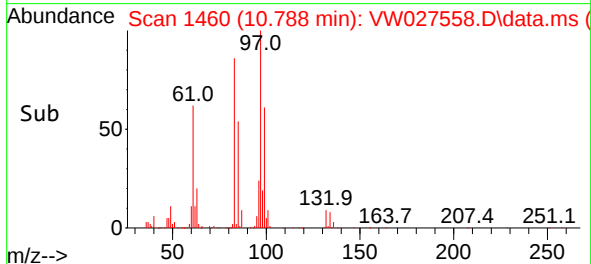
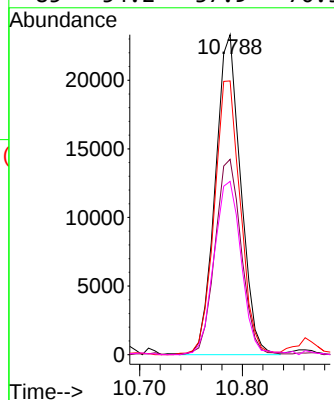
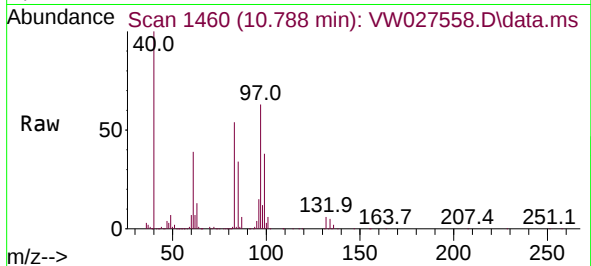




#45
1,1,2-Trichloroethane
Concen: 23.243 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

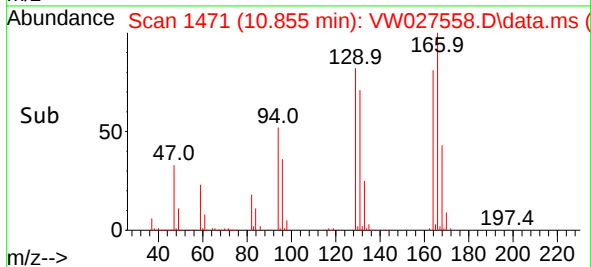
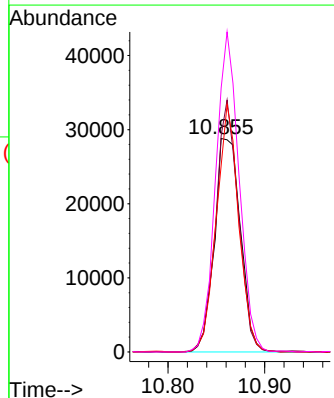
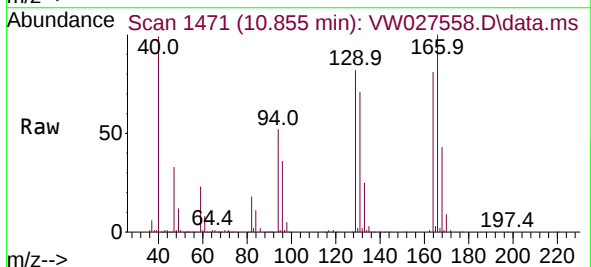
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

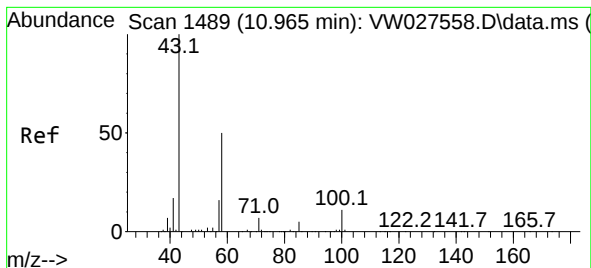
Tgt Ion: 97	Resp: 40032
Ion Ratio	Lower Upper
97 100	
99 61.1	42.8 79.4
83 85.6	59.9 111.3
85 54.2	37.9 70.5



#46
Tetrachloroethene
Concen: 27.549 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt	Ion:164	Resp:	53915
Ion	Ratio	Lower	Upper
164	100		
129	101.4	71.0	131.8
131	87.4	61.2	113.6
166	123.7	86.6	160.8

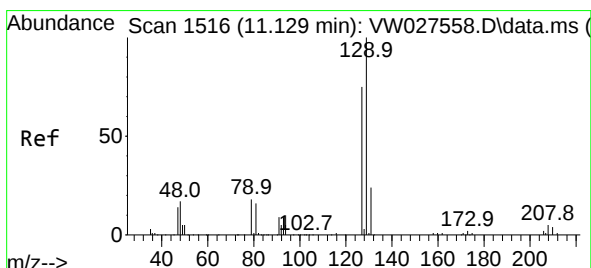
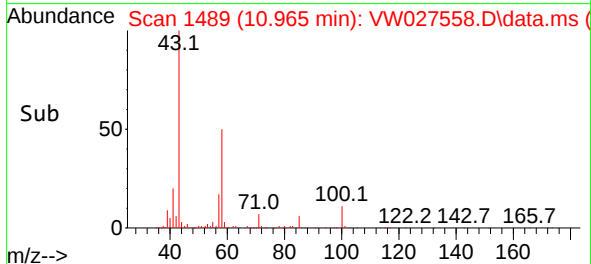
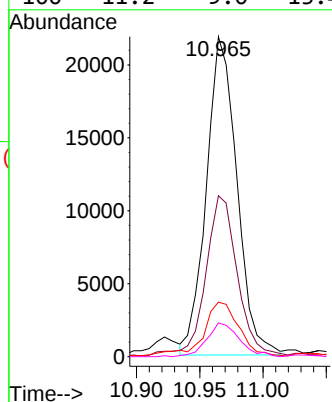
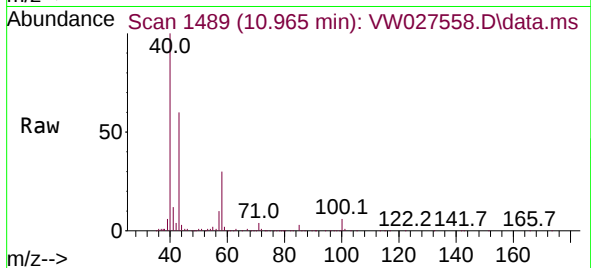




#48
2-Hexanone
Concen: 34.097 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

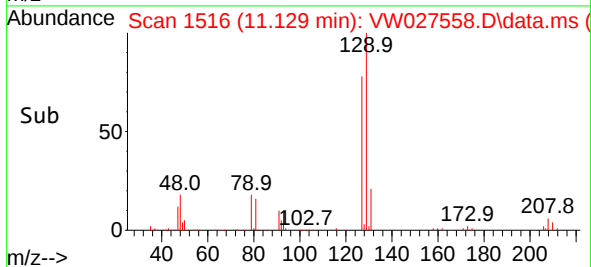
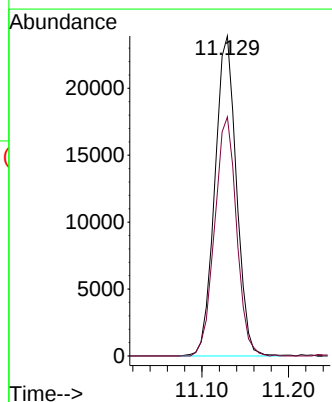
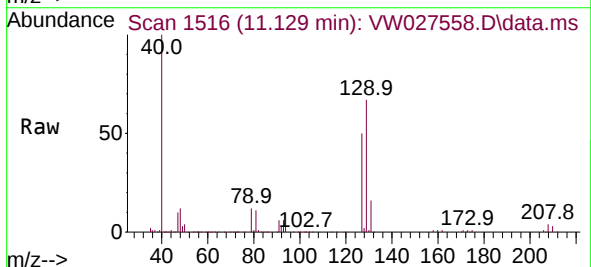
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

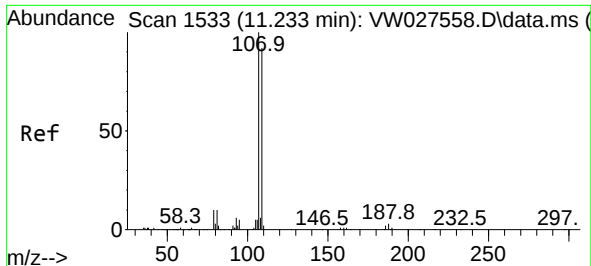
Tgt Ion:	43	Resp:	36714
Ion	Ratio	Lower	Upper
43	100		
58	51.0	40.8	61.2
57	18.5	14.8	22.2
100	11.2	9.0	13.4



#49
Dibromochloromethane
Concen: 23.703 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion:	129	Resp:	41309
Ion	Ratio	Lower	Upper
129	100		
127	74.7	52.3	97.1

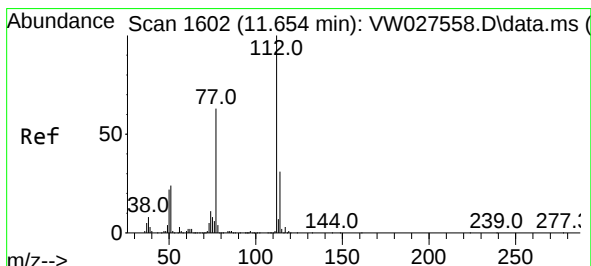
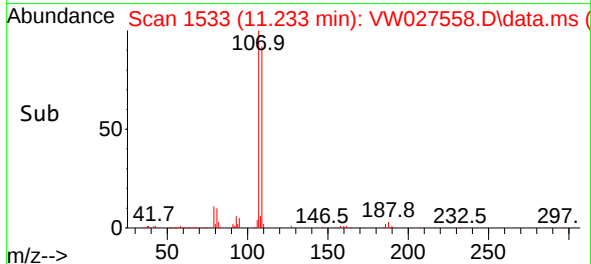
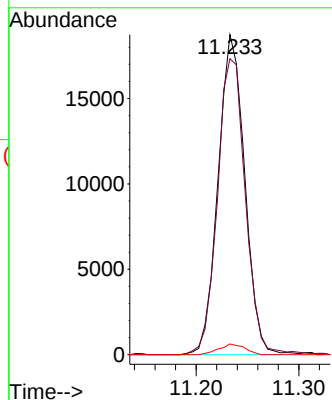
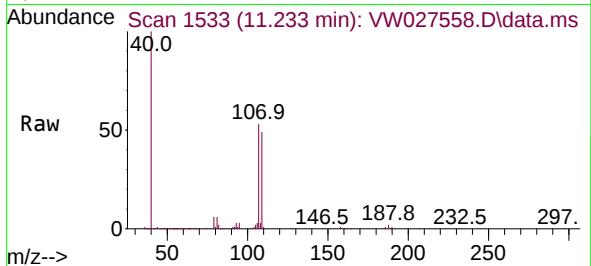




#50
1,2-Dibromoethane
Concen: 21.268 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

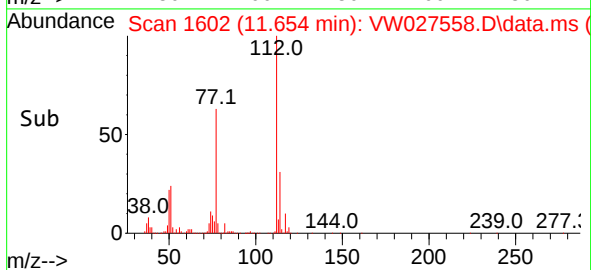
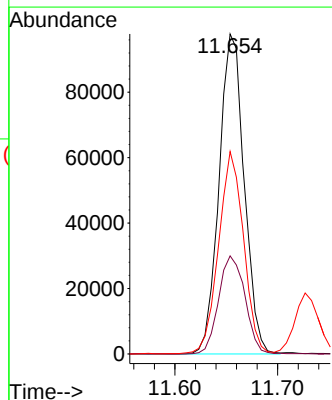
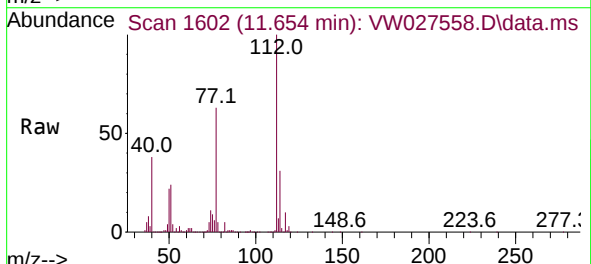
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

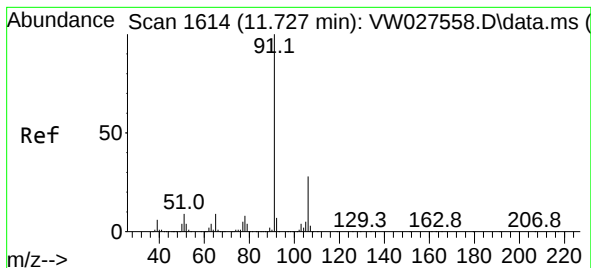
Tgt Ion:107 Resp: 33615
Ion Ratio Lower Upper
107 100
109 92.5 64.8 120.3
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 25.259 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion:112 Resp: 165962
Ion Ratio Lower Upper
112 100
114 30.7 21.5 39.9
77 63.3 50.6 76.0

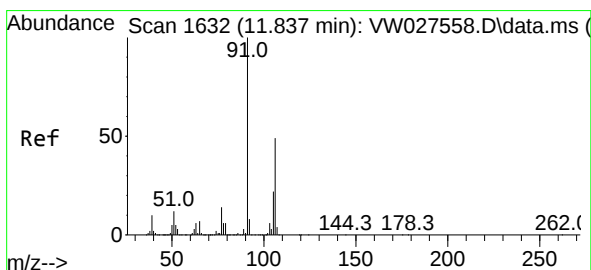
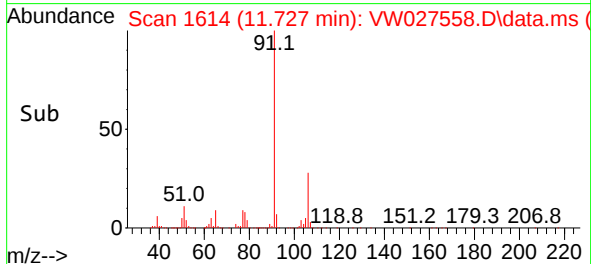
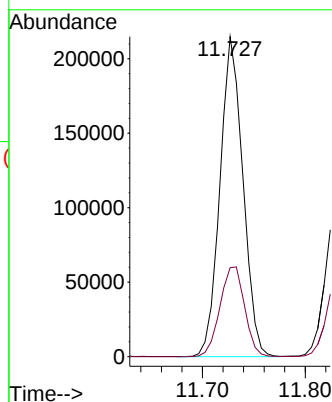
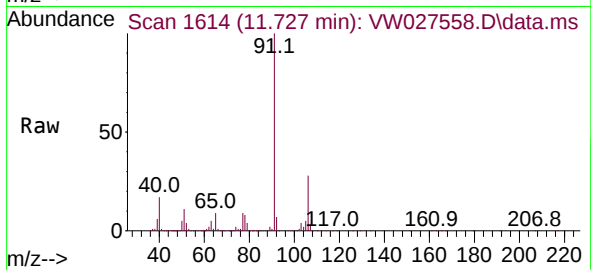




#52
Ethylbenzene
Concen: 26.966 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

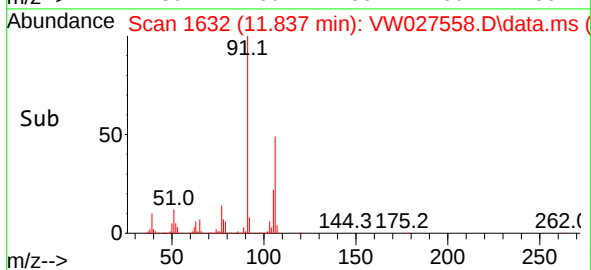
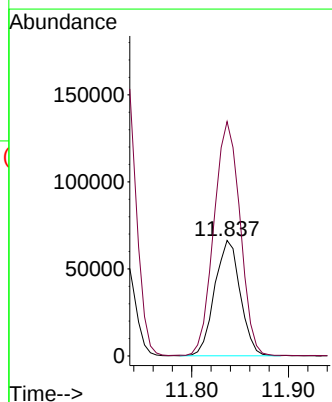
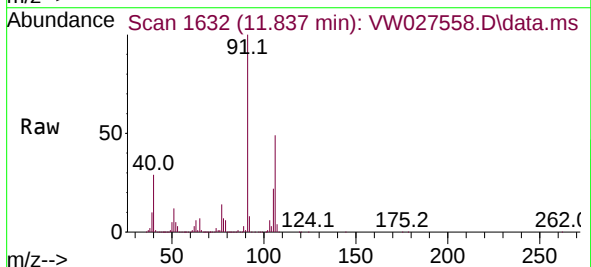
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

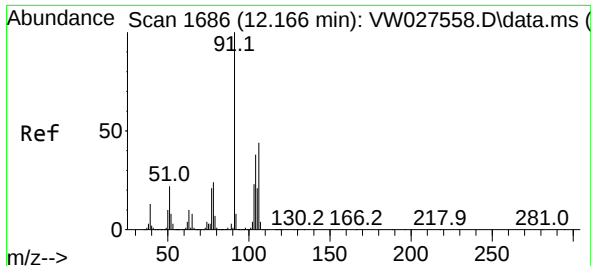
Tgt Ion: 91 Resp: 333021
Ion Ratio Lower Upper
91 100
106 27.8 19.5 36.1



#53
m,p-Xylene
Concen: 26.921 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion: 106 Resp: 121839
Ion Ratio Lower Upper
106 100
91 203.0 142.1 263.9

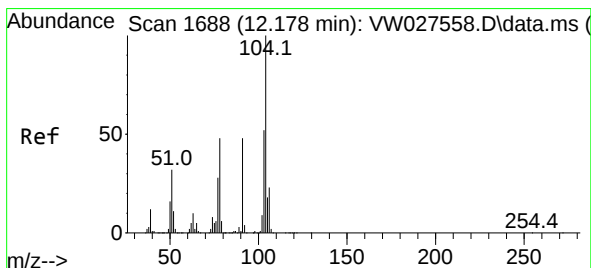
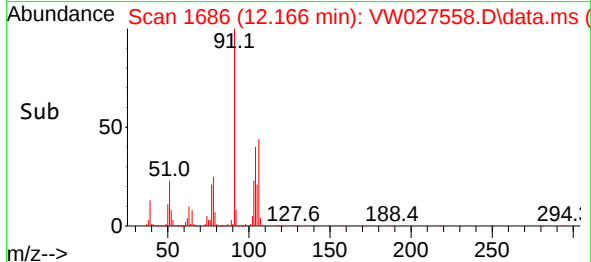
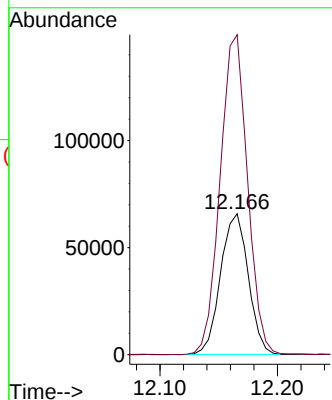
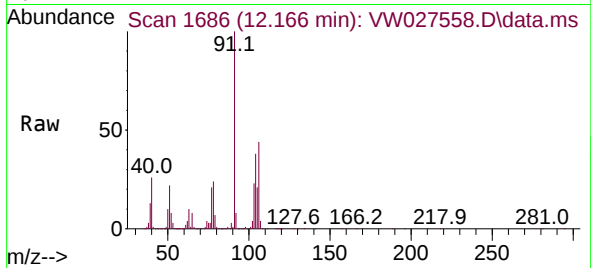




#54
o-Xylene
Concen: 25.406 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

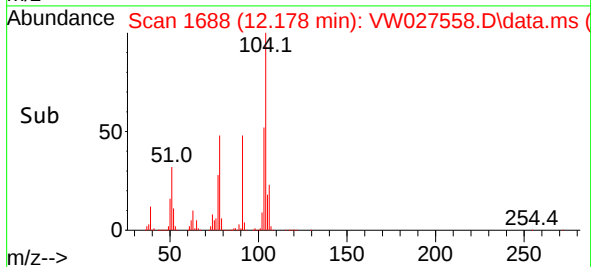
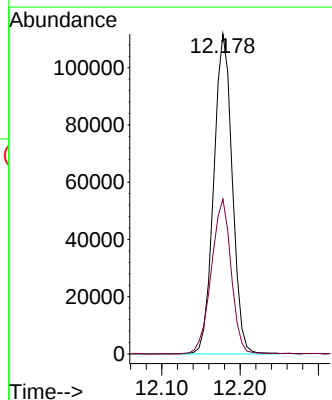
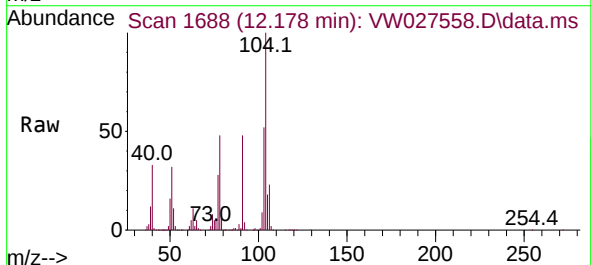
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

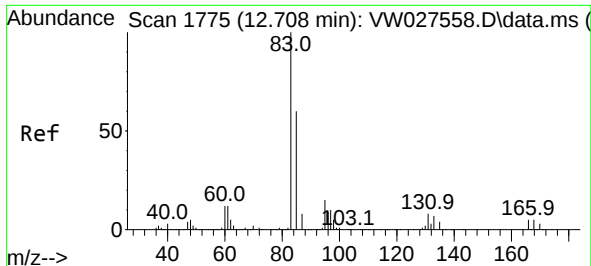
Tgt Ion:106 Resp: 107729
Ion Ratio Lower Upper
106 100
91 226.9 158.8 295.0



#55
Styrene
Concen: 25.615 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion:104 Resp: 183758
Ion Ratio Lower Upper
104 100
78 48.4 33.9 62.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.356 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025474

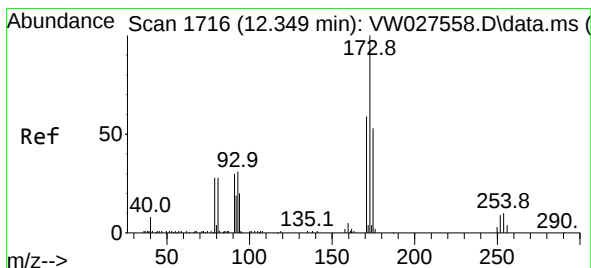
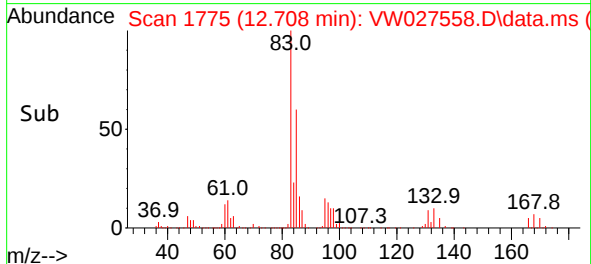
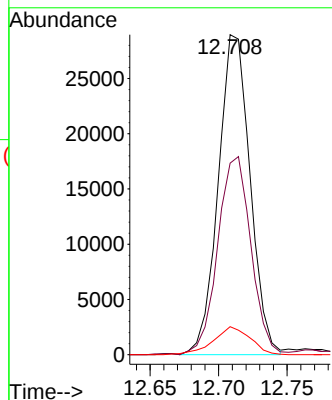
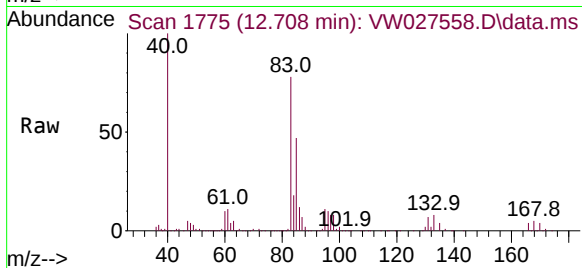
Tgt Ion: 83 Resp: 46843

Ion Ratio Lower Upper

83 100

85 59.8 41.9 77.7

131 8.8 7.0 10.6



#59

Bromoform

Concen: 22.131 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

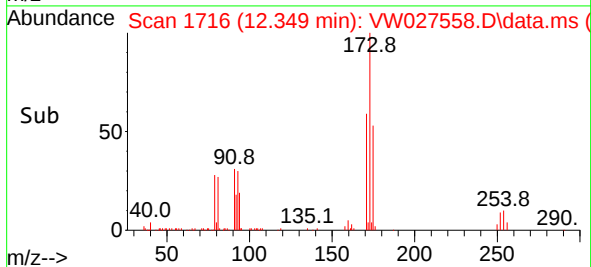
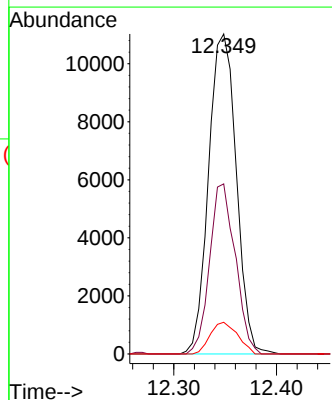
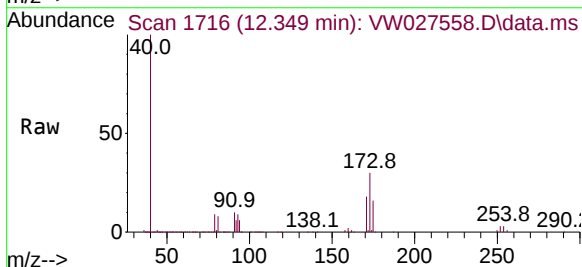
Tgt Ion: 173 Resp: 20624

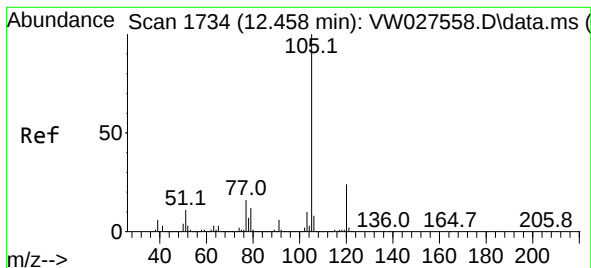
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

254 9.8 7.8 11.8





#60

Isopropylbenzene

Concen: 27.817 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025474

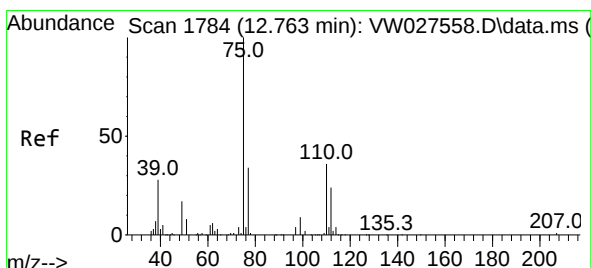
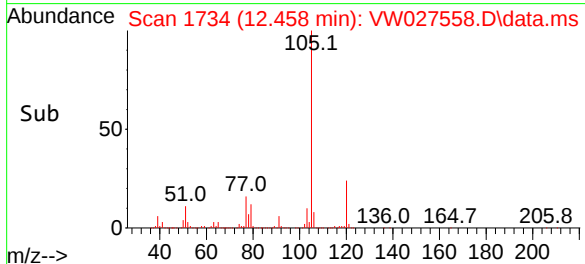
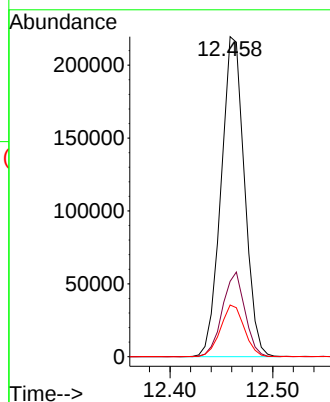
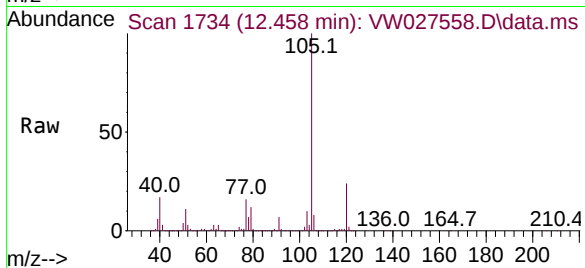
Tgt Ion:105 Resp: 346559

Ion Ratio Lower Upper

105 100

120 25.4 20.3 30.5

77 16.4 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 22.083 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

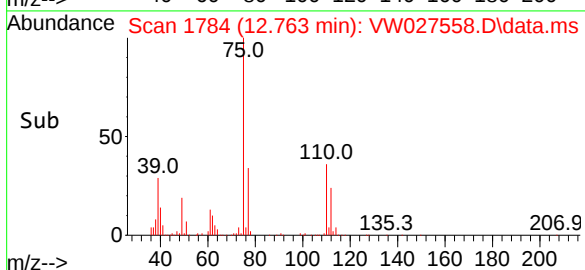
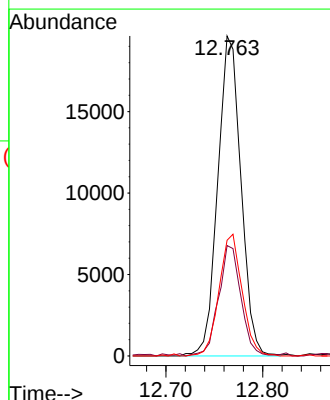
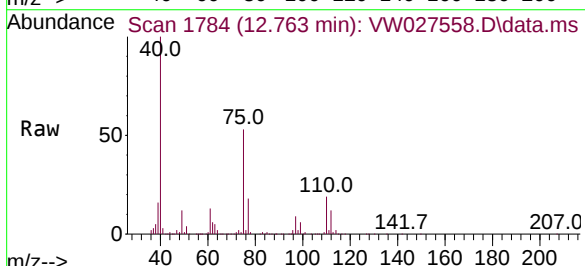
Tgt Ion: 75 Resp: 32699

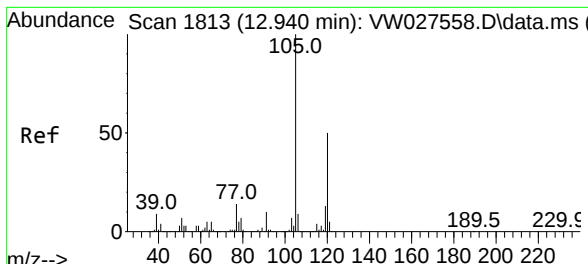
Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

110 37.8 30.2 45.4



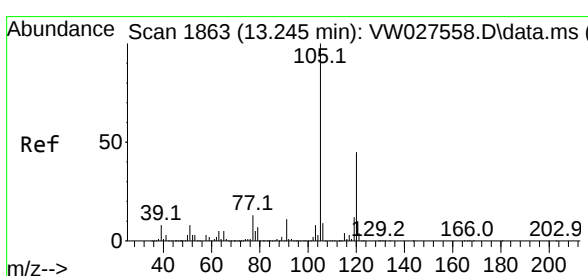
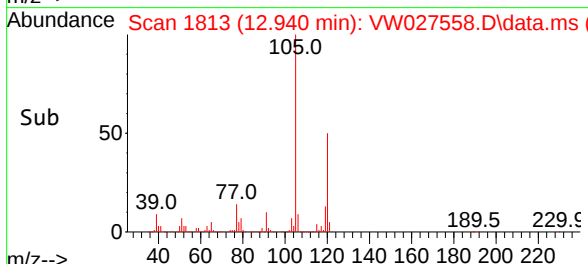
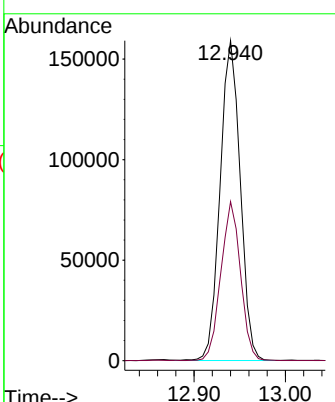
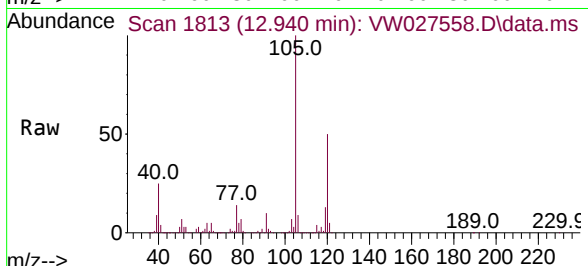


#62
 1,3,5-Trimethylbenzene
 Concen: 26.139 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025474

Tgt Ion:105 Resp: 243859

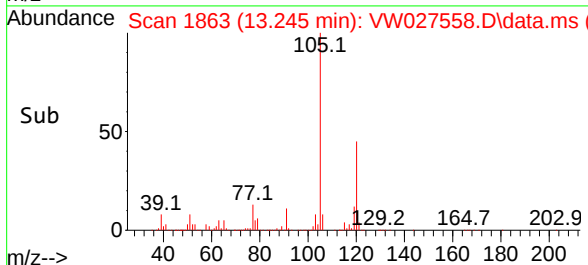
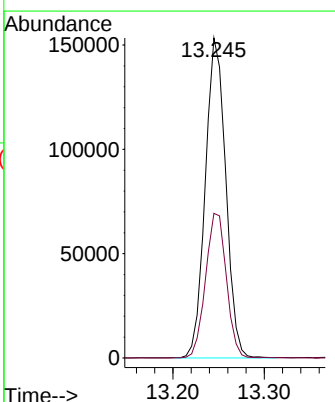
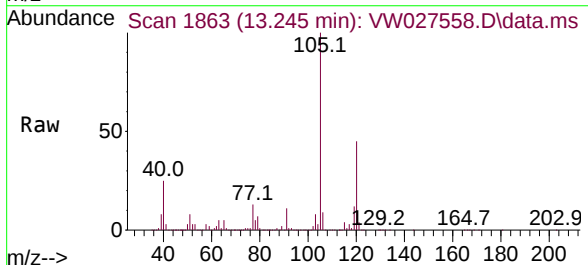
Ion	Ratio	Lower	Upper
105	100		
120	48.4	38.7	58.1

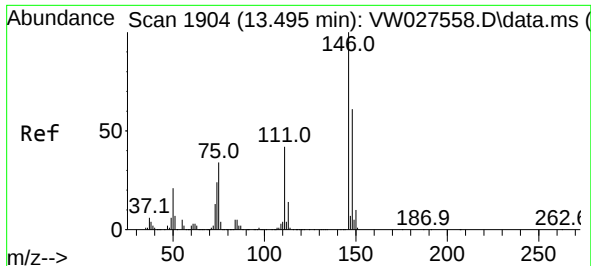


#63
 1,2,4-Trimethylbenzene
 Concen: 25.126 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

Tgt Ion:105 Resp: 238157

Ion	Ratio	Lower	Upper
105	100		
120	46.1	36.9	55.3

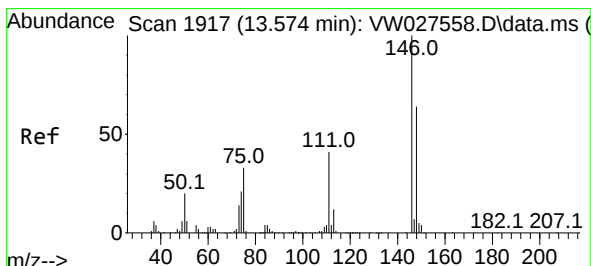
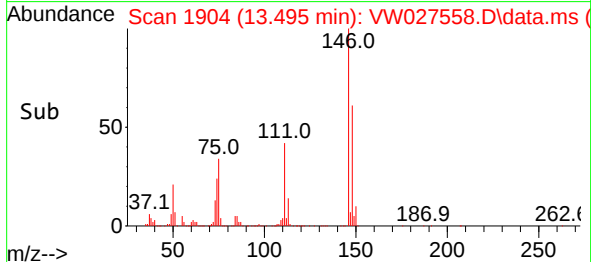
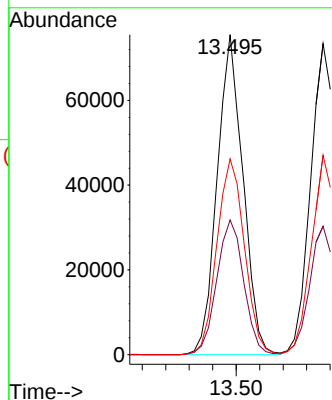
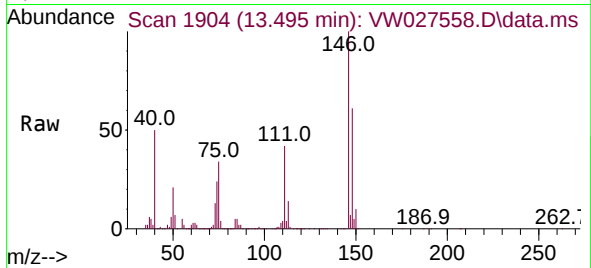




#64
1,3-Dichlorobenzene
Concen: 23.667 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

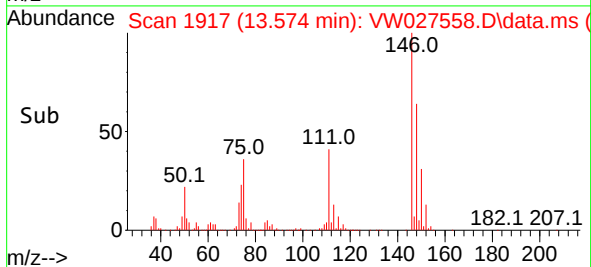
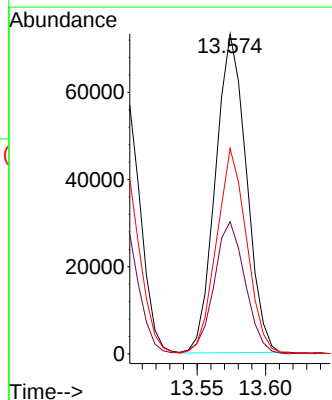
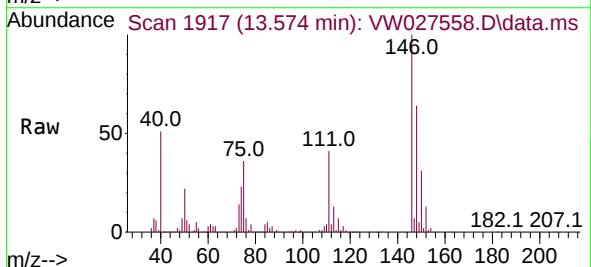
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

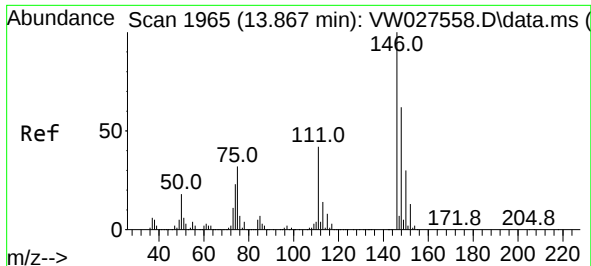
Tgt Ion:146 Resp: 115293
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.7
148 61.2 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 23.494 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion:146 Resp: 114766
Ion Ratio Lower Upper
146 100
111 41.3 28.9 53.7
148 64.2 44.9 83.5

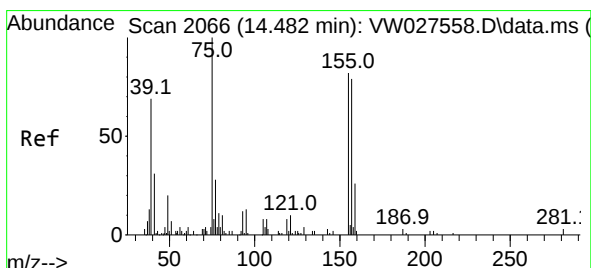
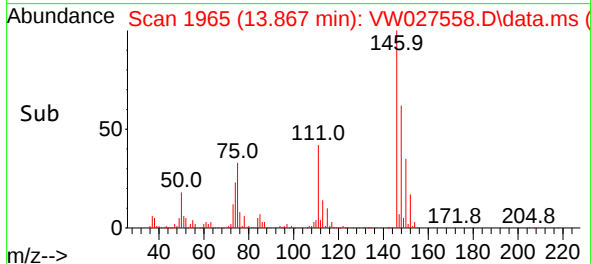
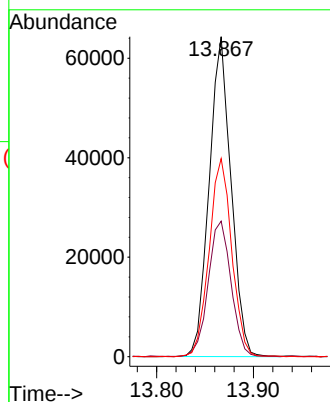
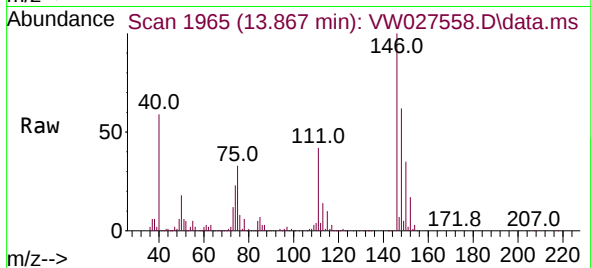




#67
1,2-Dichlorobenzene
Concen: 23.682 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

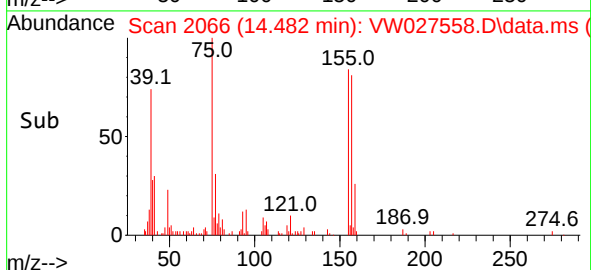
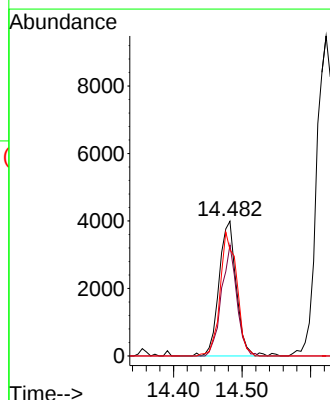
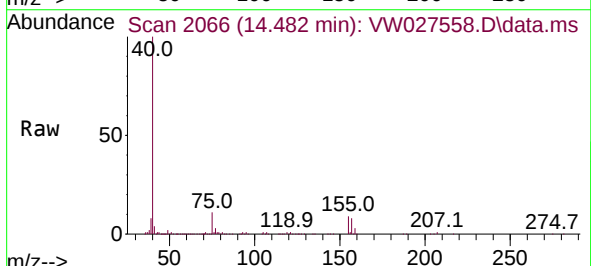
Instrument :
MSVOA_W
ClientSampleId :
VSTD025474

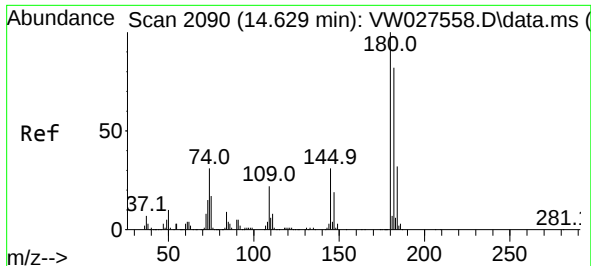
Tgt Ion:	146	Resp:	101002
Ion	Ratio	Lower	Upper
146	100		
111	42.4	33.9	50.9
148	61.9	49.5	74.3



#68
1,2-Dibromo-3-chloropropane
Concen: 21.041 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW027558.D
Acq: 06 Dec 2023 10:24

Tgt Ion:	75	Resp:	6971
Ion	Ratio	Lower	Upper
75	100		
155	82.3	65.8	98.8
157	78.8	63.0	94.6

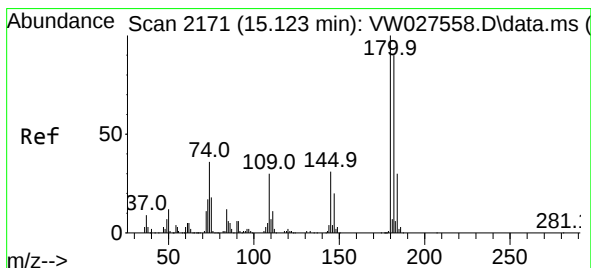
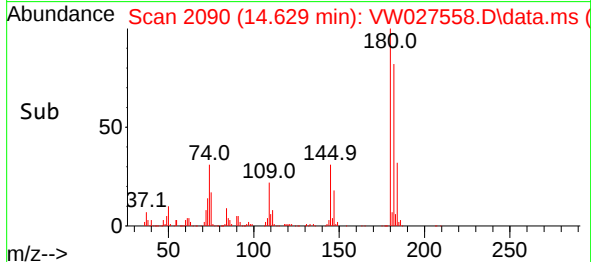
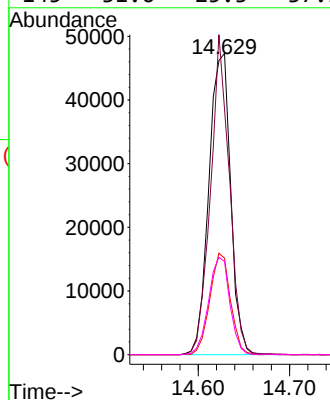
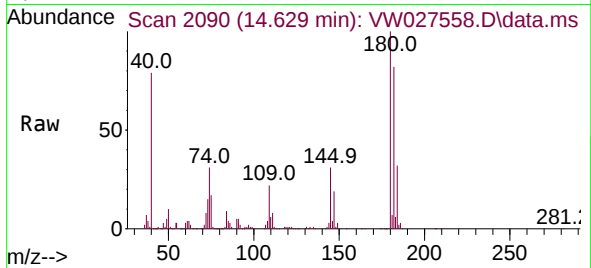




#69
 1,3,5-Trichlorobenzene
 Concen: 24.734 ug/L
 RT: 14.629 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

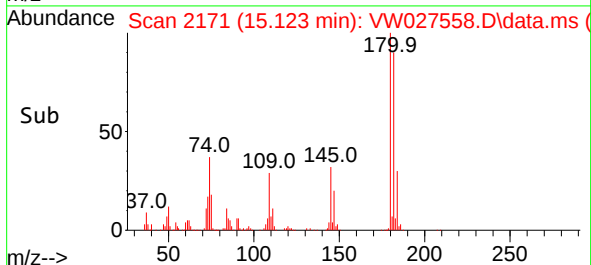
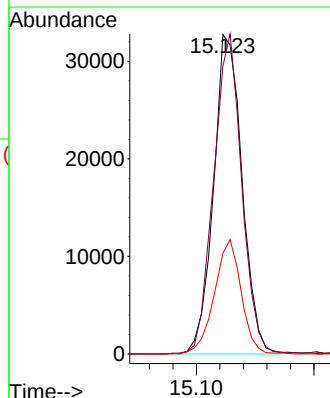
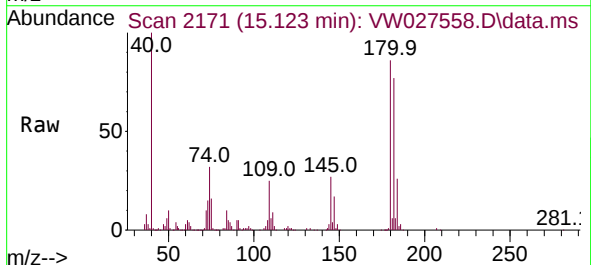
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025474

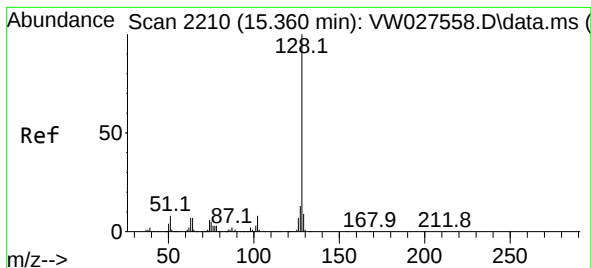
Tgt Ion:180	Resp:	78209
Ion Ratio	Lower	Upper
180	100	
182	91.5	73.2 109.8
184	31.8	25.4 38.2
145	31.6	25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 22.150 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VW027558.D
 Acq: 06 Dec 2023 10:24

Tgt Ion:180	Resp:	55188
Ion Ratio	Lower	Upper
180	100	
182	98.4	78.7 118.1
145	33.5	26.8 40.2





#71

Naphthalene

Concen: 19.842 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Instrument :

MSVOA_W

ClientSampleId :

VSTD025474

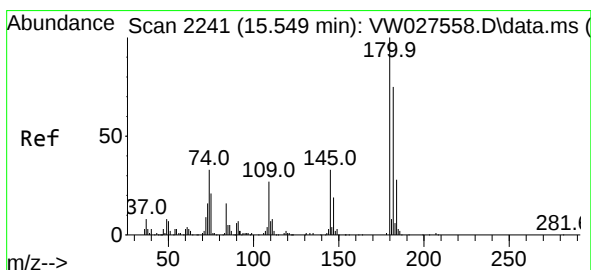
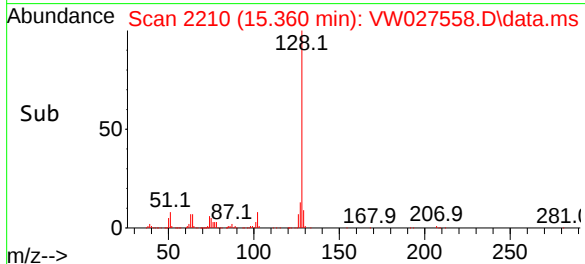
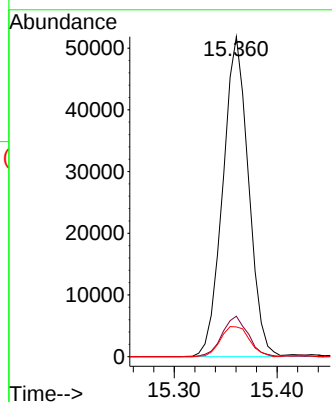
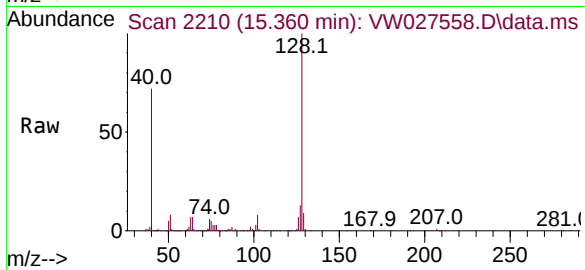
Tgt Ion:128 Resp: 89801

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.060 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027558.D

Acq: 06 Dec 2023 10:24

Tgt Ion:180 Resp: 43468

Ion Ratio Lower Upper

180 100

182 90.5 72.4 108.6

145 34.2 27.4 41.0

