

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
 Data File : VW027513.D
 Acq On : 01 Nov 2023 19:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 02 03:38:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 03:33:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	320065	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294659	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154189	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	86306	17.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
7) Chloroethane-d5	2.893	69	78870	22.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.960%
11) 1,1-Dichloroethene-d2	4.021	65	45129	18.438	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.760%
21) 2-Butanone-d5	7.075	46	83834	51.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.280%
24) Chloroform-d	7.648	84	242215	25.391	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.560%
26) 1,2-Dichloroethane-d4	8.307	65	123735	24.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	8.270	84	457496	22.949	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	9.270	67	152187	24.993	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	10.325	98	384498	21.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.080%
43) trans-1,3-Dichloroprop...	10.575	79	52681	18.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.920%
47) 2-Hexanone-d5	10.922	63	61070	48.475	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	126457	27.835	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	133596	23.910	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85247	22.385	ug/L	96
3) Chloromethane	2.216	50	109809	25.091	ug/L	100
5) Vinyl chloride	2.375	62	125984	25.771	ug/L	97
6) Bromomethane	2.783	94	66352	23.829	ug/L	95
8) Chloroethane	2.930	64	76777	27.284	ug/L	97
9) Trichlorofluoromethane	3.265	101	94450	27.386	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	114501	26.513	ug/L	96
12) 1,1-Dichloroethene	4.045	96	108910	25.950	ug/L	83
13) Acetone	4.131	43	63794	45.493	ug/L	99
14) Carbon disulfide	4.387	76	267644	20.571	ug/L	100
15) Methyl Acetate	4.673	43	58065	24.244	ug/L	100
16) Methylene chloride	4.917	84	131991	22.529	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	116038	25.726	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	197148	25.333	ug/L	99
19) 1,1-Dichloroethane	6.222	63	262473	28.521	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	138036	27.099	ug/L	99
22) 2-Butanone	7.173	43	83808	39.929	ug/L	98
23) Bromochloromethane	7.514	128	53968	25.662	ug/L	92
25) Chloroform	7.679	83	255377	29.650	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
 Data File : VW027513.D
 Acq On : 01 Nov 2023 19:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

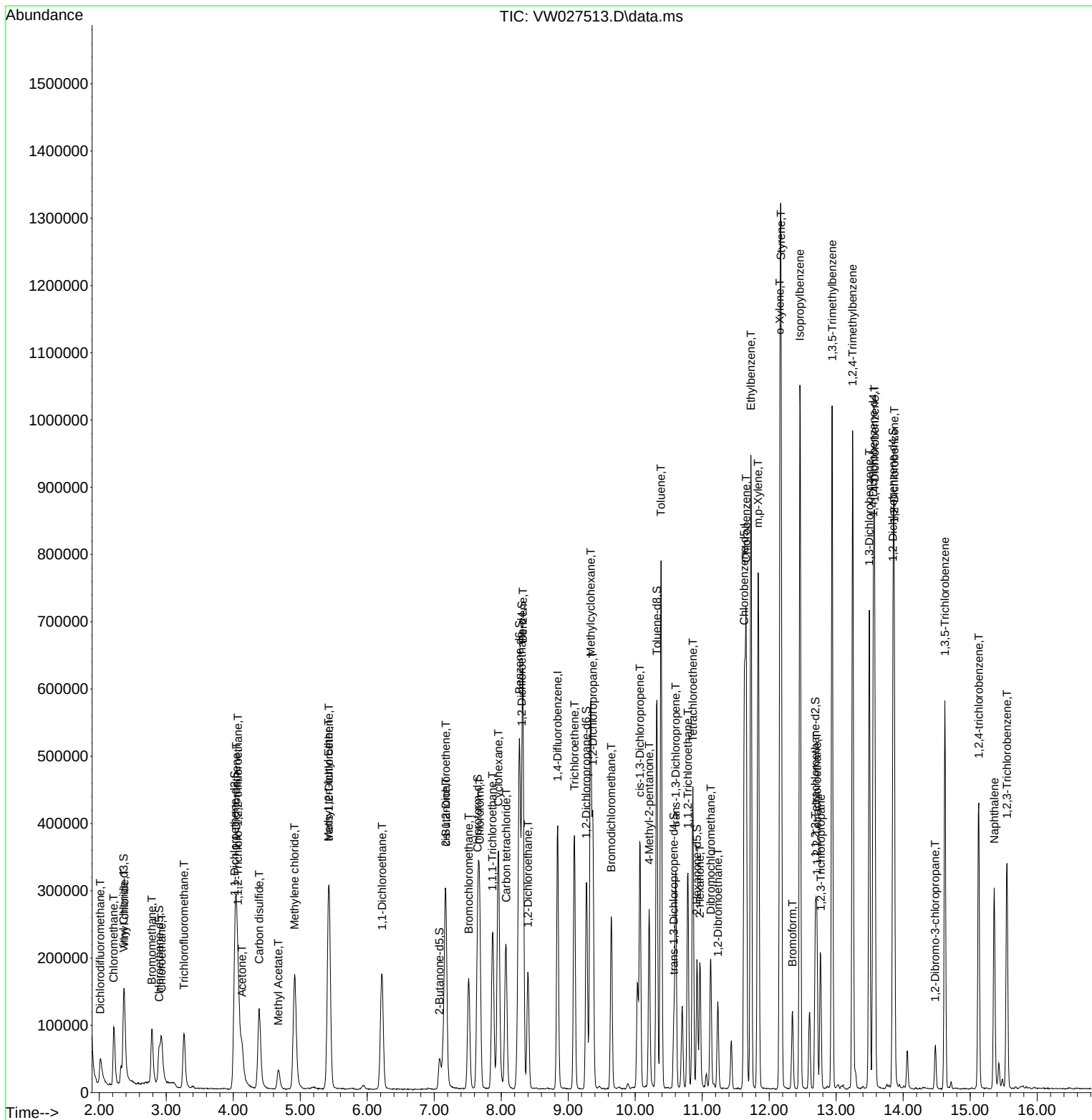
Instrument :
 MSVOA_W
 ClientSampleId :

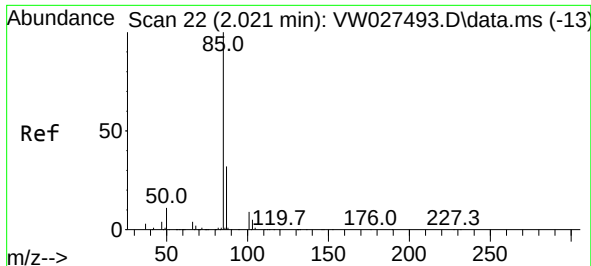
Quant Time: Nov 02 03:38:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 03:33:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	156862	26.810	ug/L	97
29) Cyclohexane	7.959	56	218375	24.409	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	195587	27.211	ug/L	98
31) Carbon tetrachloride	8.075	117	167766	25.885	ug/L	97
33) Benzene	8.325	78	533368	27.697	ug/L	100
34) Trichloroethene	9.093	95	137562	27.043	ug/L	94
35) Methylcyclohexane	9.337	83	224897	24.723	ug/L	99
37) 1,2-Dichloropropane	9.367	63	149132	28.641	ug/L	99
38) Bromodichloromethane	9.642	83	173791	27.144	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	214341	24.920	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	182577	50.987	ug/L	98
42) Toluene	10.386	91	553837	27.416	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	174917	24.102	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	99637	27.808	ug/L	95
46) Tetrachloroethene	10.861	164	93988	26.759	ug/L	95
48) 2-Hexanone	10.965	43	125659	47.413	ug/L	97
49) Dibromochloromethane	11.129	129	98818	24.834	ug/L	93
50) 1,2-Dibromoethane	11.233	107	85376	24.576	ug/L #	100
51) Chlorobenzene	11.654	112	342850	27.103	ug/L	98
52) Ethylbenzene	11.727	91	644949	27.474	ug/L	96
53) m,p-Xylene	11.836	106	238190	26.751	ug/L	95
54) o-Xylene	12.160	106	234357	27.486	ug/L	93
55) Styrene	12.178	104	401400	27.565	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	120309	27.505	ug/L	99
59) Bromoform	12.349	173	50676	22.087	ug/L	98
60) Isopropylbenzene	12.458	105	659819	27.240	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	84817	25.193	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	516809	25.579	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	516161	26.110	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	260692	26.540	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	256237	26.122	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	229163	26.292	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	16983	20.184	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	162848	25.539	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	128199	23.622	ug/L	96
71) Naphthalene	15.360	128	243487	21.816	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105249	23.584	ug/L	93

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

Quant Time: Nov 02 03:38:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 02 03:33:34 2023
Response via : Initial Calibration

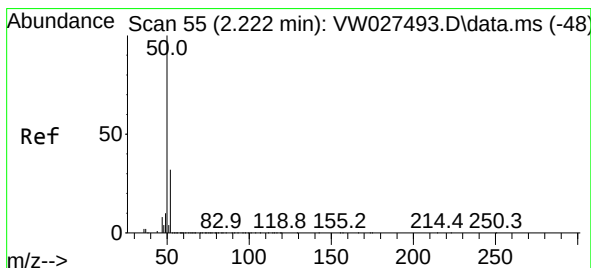
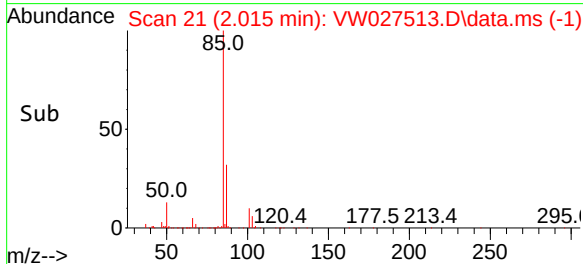
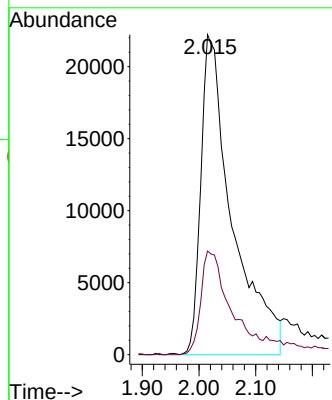
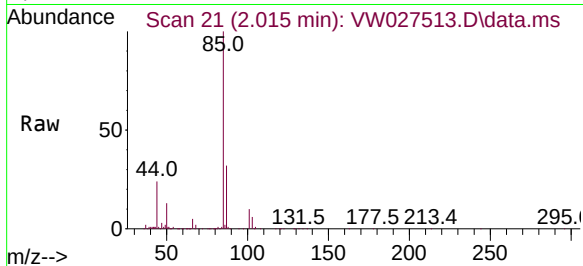




#2
 Dichlorodifluoromethane
 Concen: 22.385 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW027513.D
 Acq: 01 Nov 2023 19:28

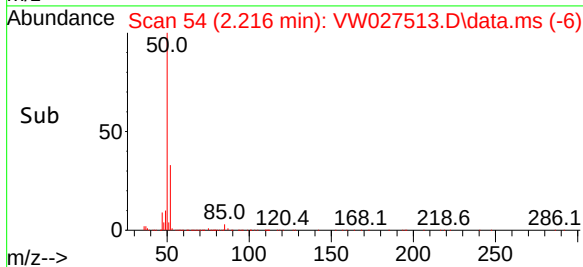
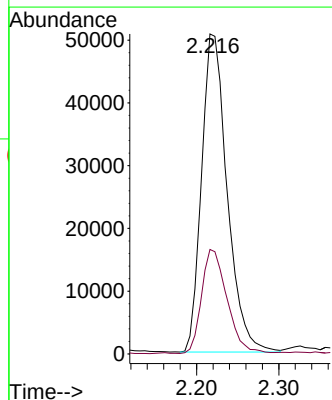
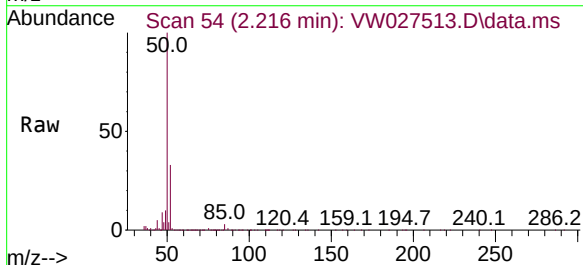
Instrument :
 MSVOA_W
 ClientSampleId :

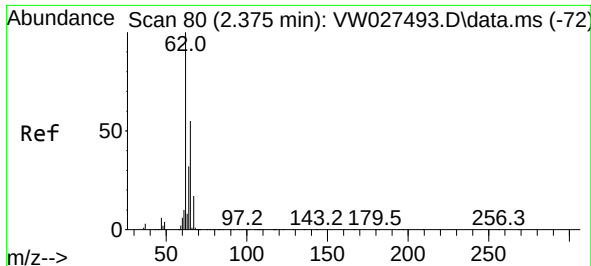
Tgt Ion: 85 Resp: 85247
 Ion Ratio Lower Upper
 85 100
 87 24.8 18.3 27.5



#3
 Chloromethane
 Concen: 25.091 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.006 min
 Lab File: VW027513.D
 Acq: 01 Nov 2023 19:28

Tgt Ion: 50 Resp: 109809
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.7 42.3

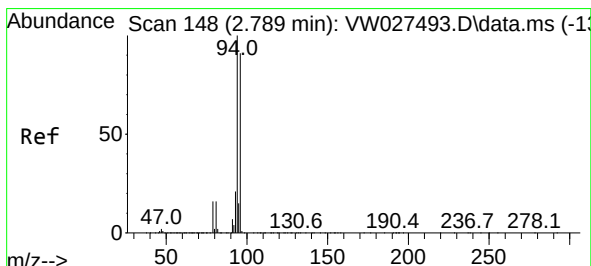
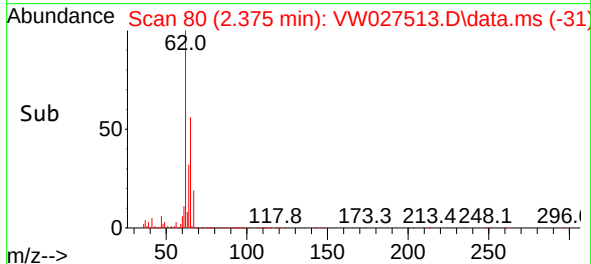
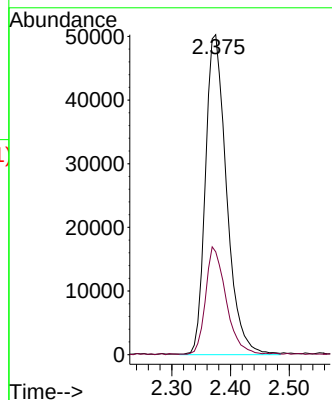
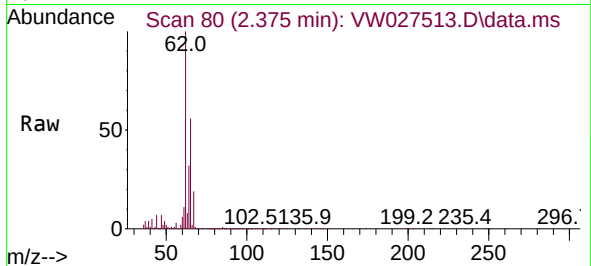




#5
 Vinyl chloride
 Concen: 25.771 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027513.D
 Acq: 01 Nov 2023 19:28

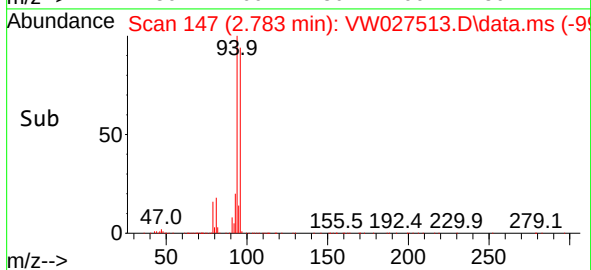
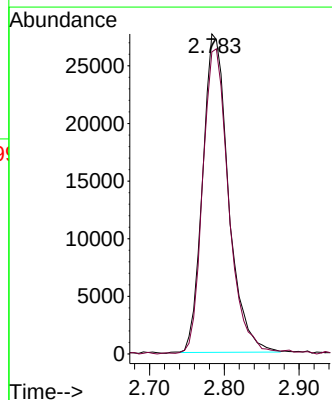
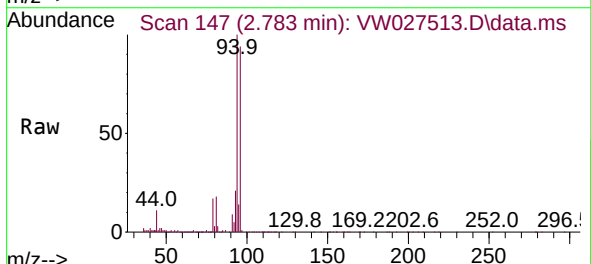
Instrument :
 MSVOA_W
 ClientSampleId :

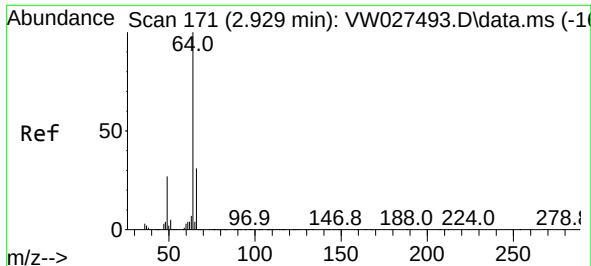
Tgt Ion: 62 Resp: 125984
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.8 44.2



#6
 Bromomethane
 Concen: 23.829 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW027513.D
 Acq: 01 Nov 2023 19:28

Tgt Ion: 94 Resp: 66352
 Ion Ratio Lower Upper
 94 100
 96 94.4 62.9 116.9

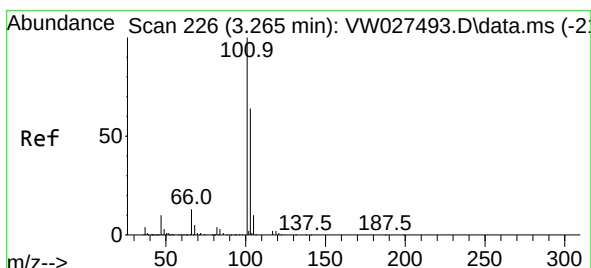
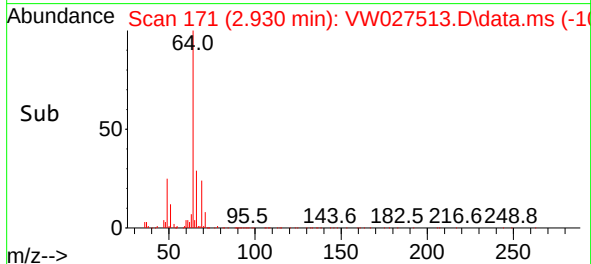
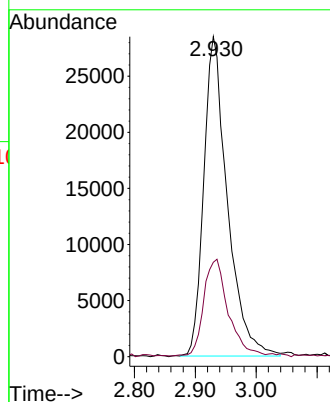
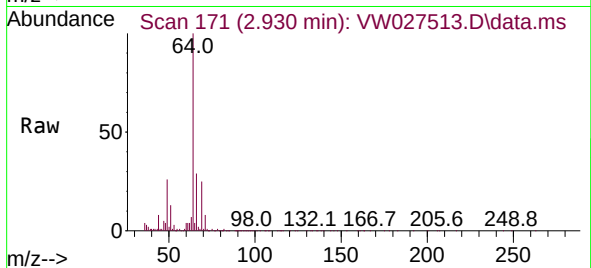




#8
Chloroethane
Concen: 27.284 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

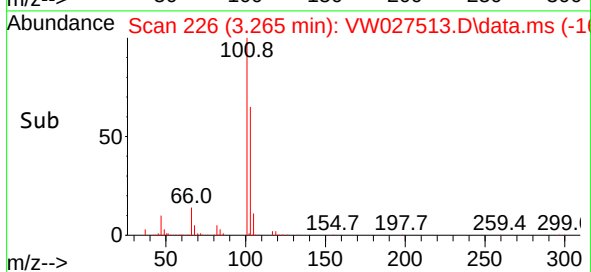
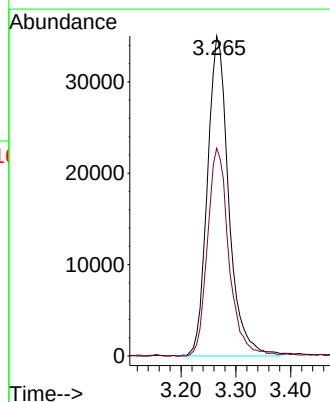
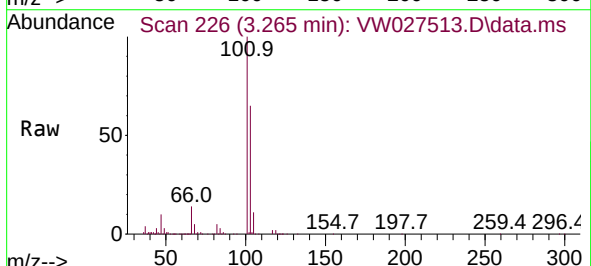
Instrument :
MSVOA_W
ClientSampleId :

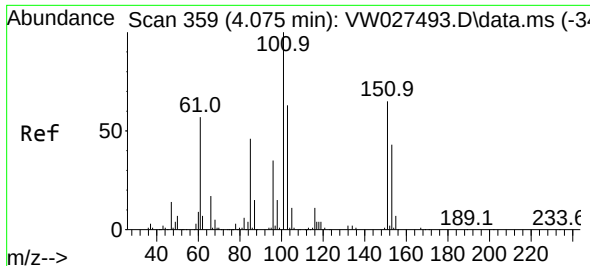
Tgt Ion: 64 Resp: 76777
Ion Ratio Lower Upper
64 100
66 29.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 27.386 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 101 Resp: 94450
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

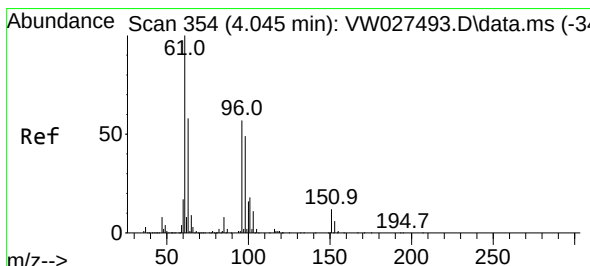
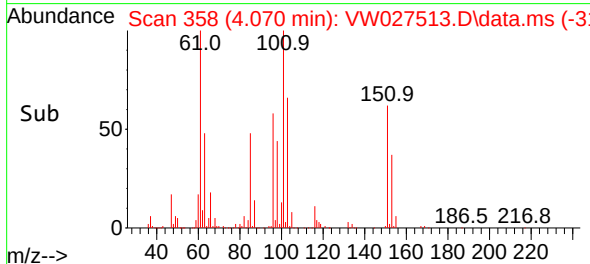
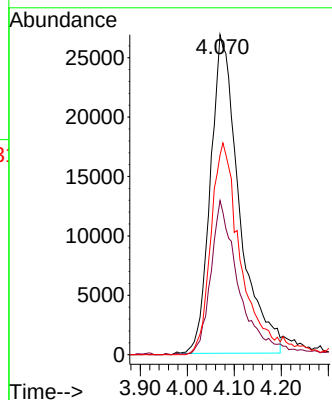
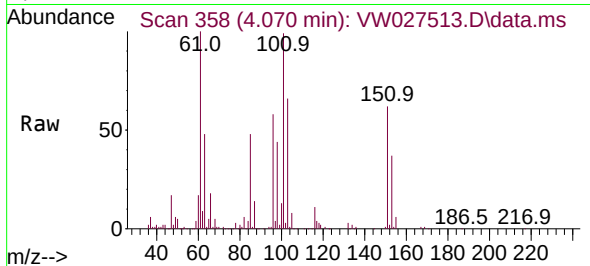




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.513 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027513.D
 Acq: 01 Nov 2023 19:28

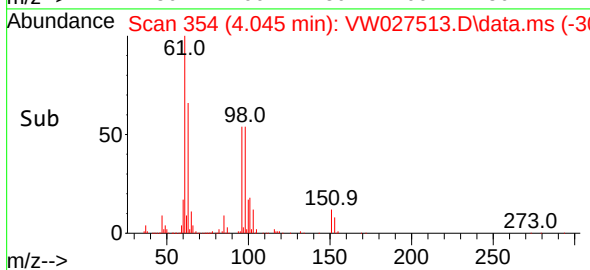
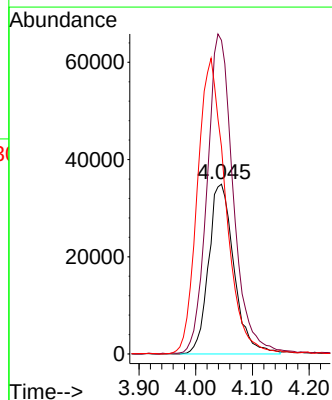
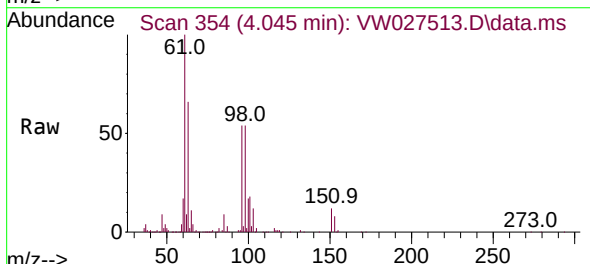
Instrument :
 MSVOA_W
 ClientSampleId :

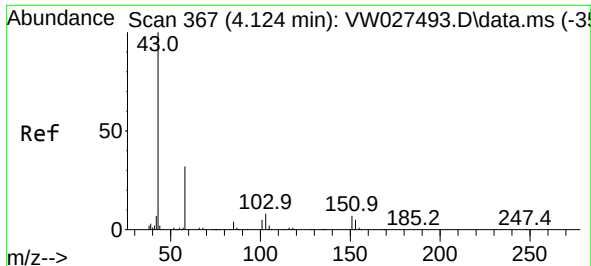
Tgt Ion:101 Resp: 114501
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.1 51.1
 151 66.8 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 25.950 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027513.D
 Acq: 01 Nov 2023 19:28

Tgt Ion: 96 Resp: 108910
 Ion Ratio Lower Upper
 96 100
 61 184.8 133.3 247.5
 63 122.2 115.8 215.2

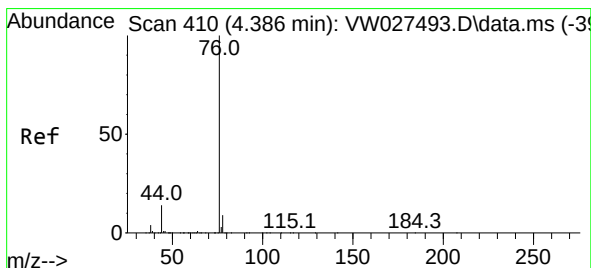
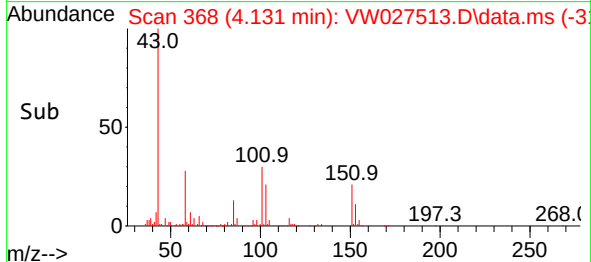
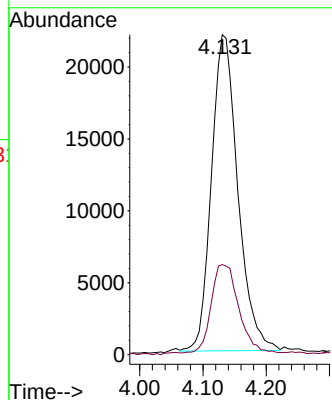
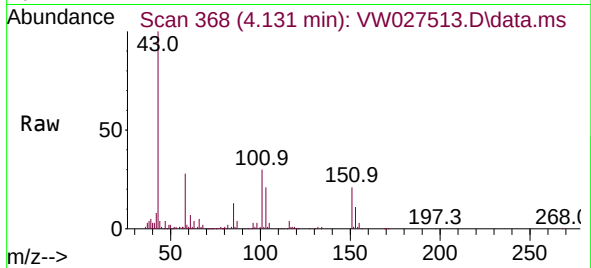




#13
Acetone
Concen: 45.493 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

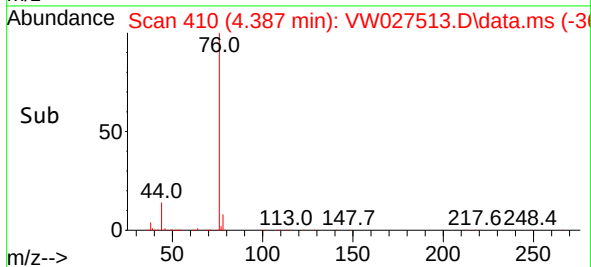
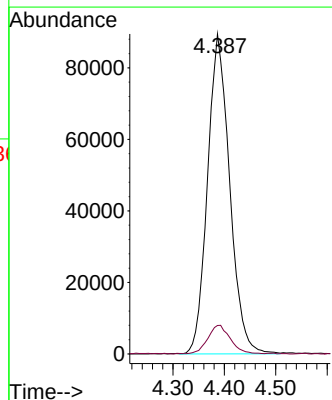
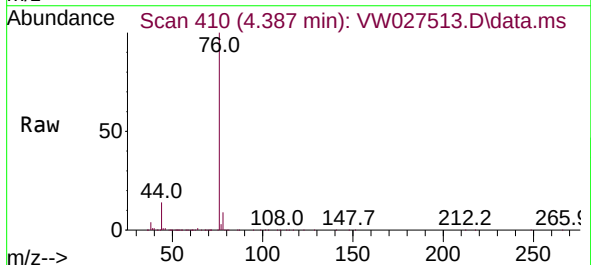
Instrument :
MSVOA_W
ClientSampleId :

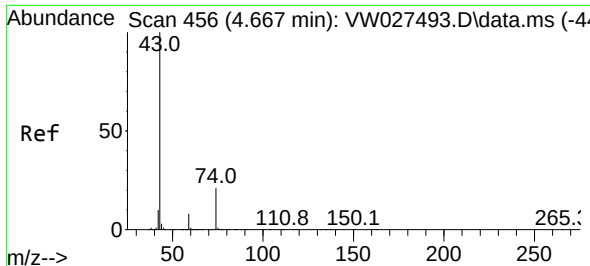
Tgt Ion: 43 Resp: 63794
Ion Ratio Lower Upper
43 100
58 30.1 0.0 60.8



#14
Carbon disulfide
Concen: 20.571 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 76 Resp: 267644
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

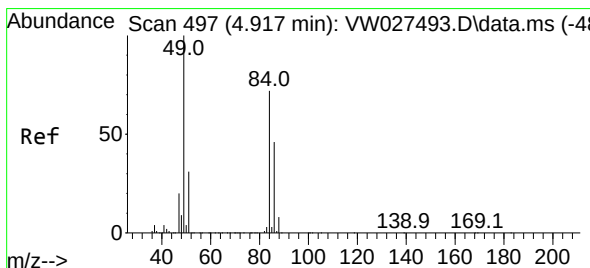
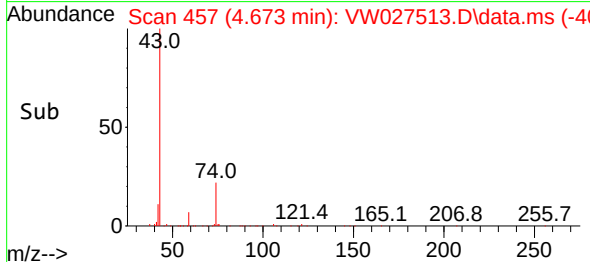
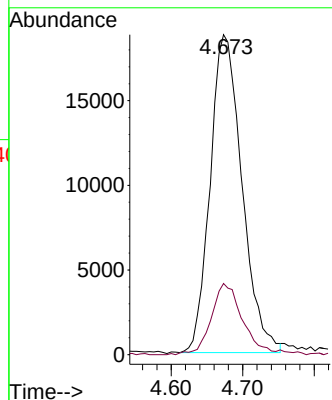
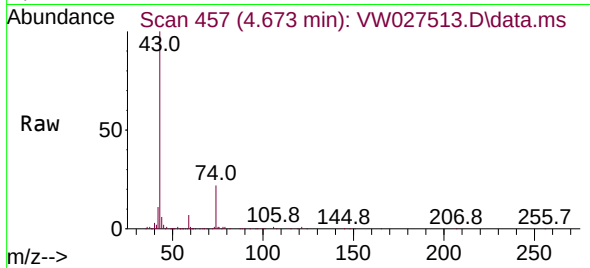




#15
Methyl Acetate
Concen: 24.244 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

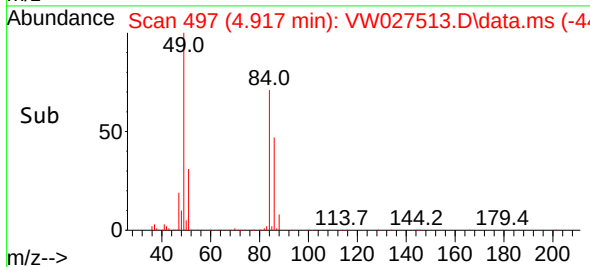
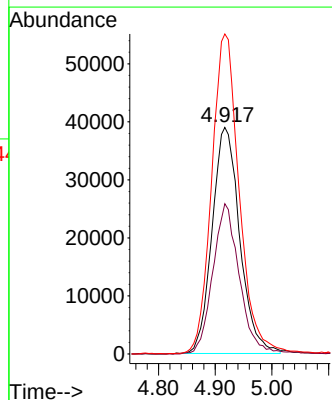
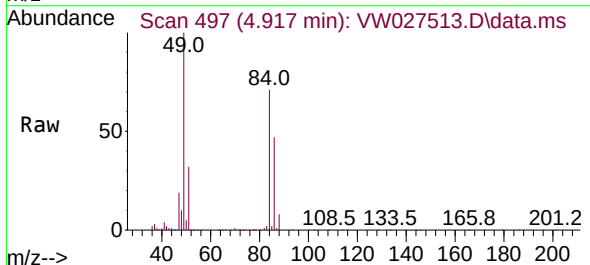
Instrument :
MSVOA_W
ClientSampleId :

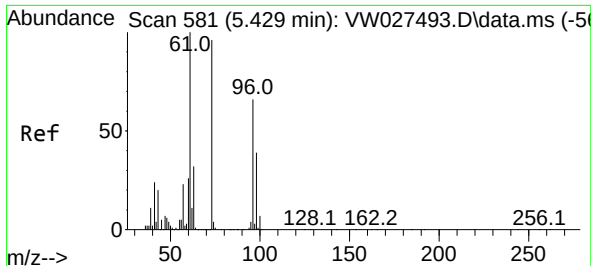
Tgt Ion: 43 Resp: 58065
Ion Ratio Lower Upper
43 100
74 21.8 17.5 26.3



#16
Methylene chloride
Concen: 22.529 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 84 Resp: 131991
Ion Ratio Lower Upper
84 100
86 66.3 41.3 76.7
49 141.2 92.8 172.4

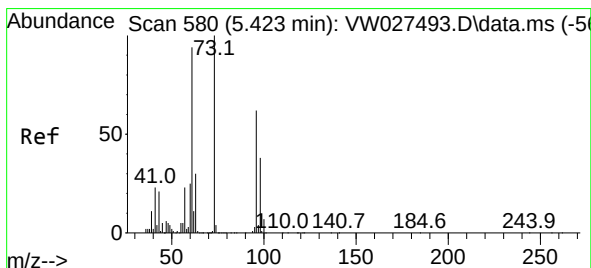
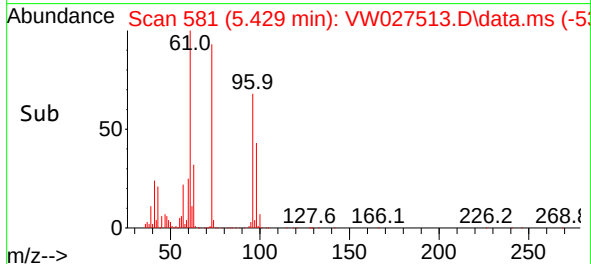
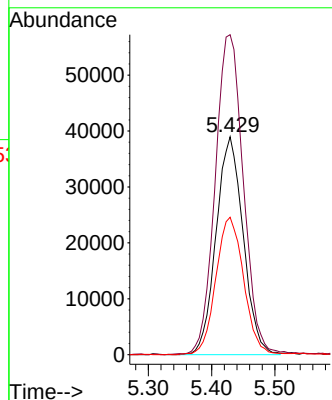
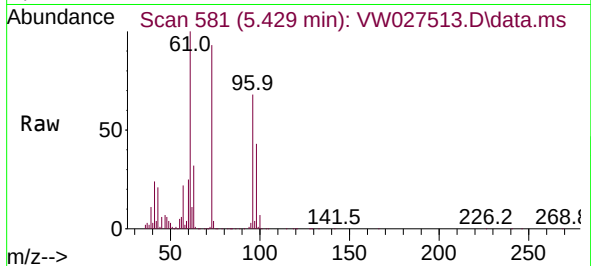




#17
trans-1,2-Dichloroethene
Concen: 25.726 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

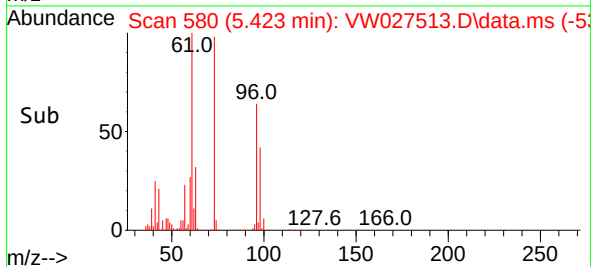
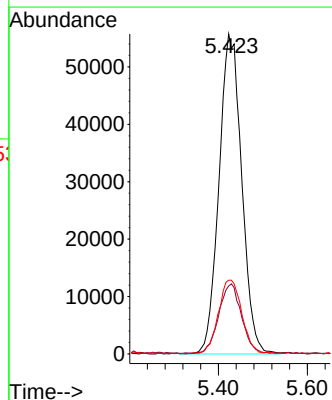
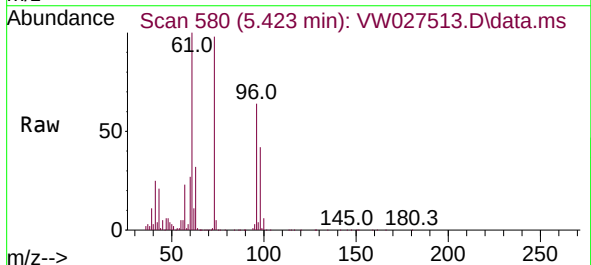
Instrument :
MSVOA_W
ClientSampleId :

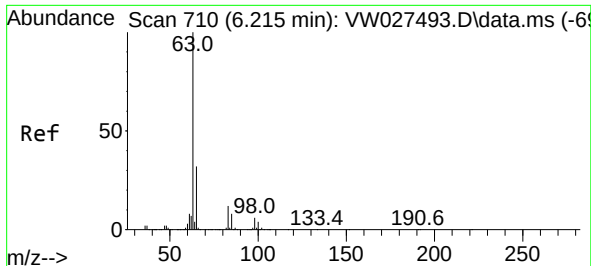
Tgt Ion: 96 Resp: 116038
Ion Ratio Lower Upper
96 100
61 146.8 105.6 196.0
98 63.1 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 25.333 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

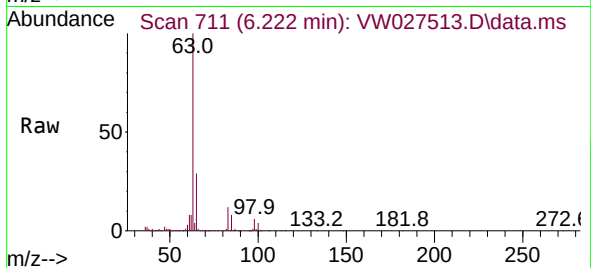
Tgt Ion: 73 Resp: 197148
Ion Ratio Lower Upper
73 100
43 21.6 17.7 26.5
57 23.5 18.5 27.7



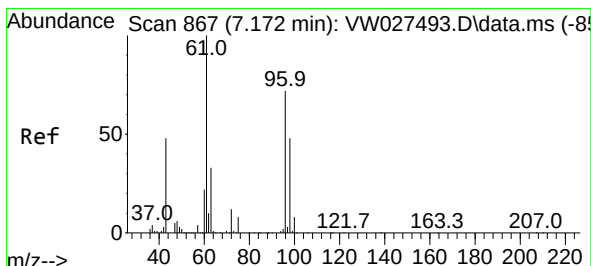
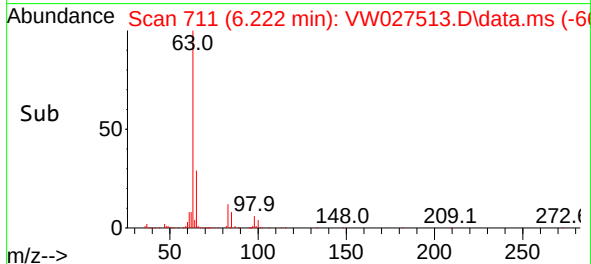
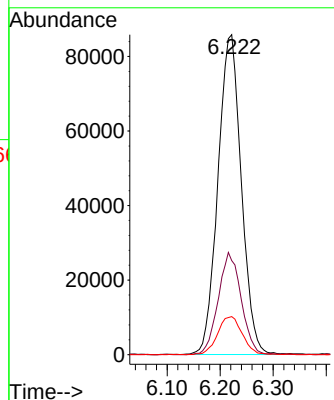


#19
1,1-Dichloroethane
Concen: 28.521 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Instrument :
MSVOA_W
ClientSampleId :

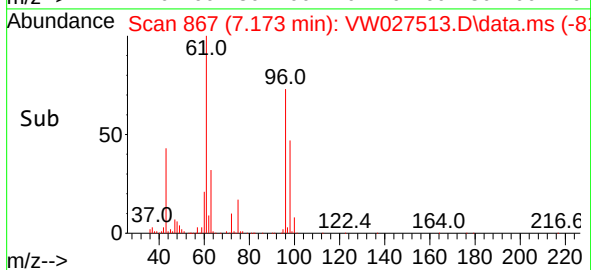
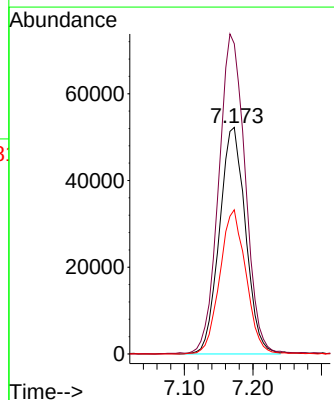
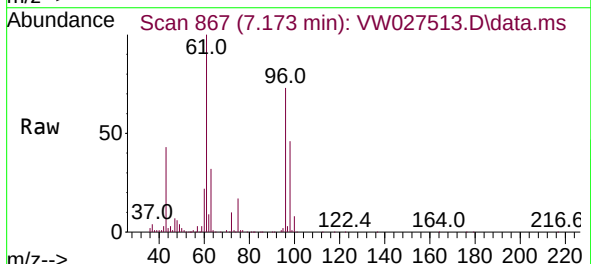


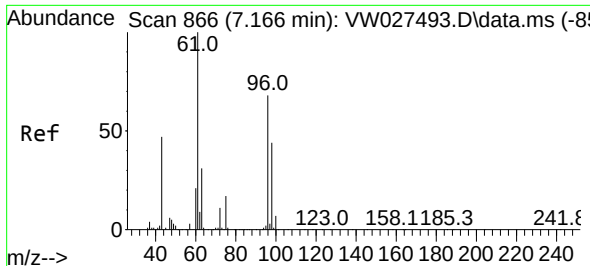
Tgt Ion: 63 Resp: 262473
Ion Ratio Lower Upper
63 100
65 29.4 22.9 42.5
83 11.9 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 27.099 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 96 Resp: 138036
Ion Ratio Lower Upper
96 100
61 137.0 96.2 178.8
98 63.6 46.0 85.4

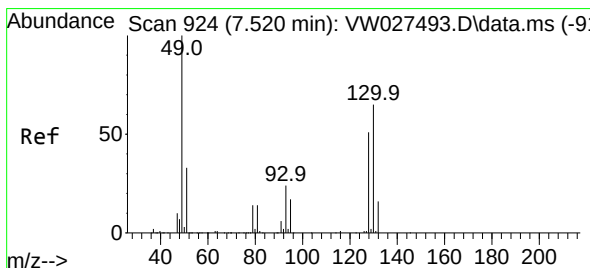
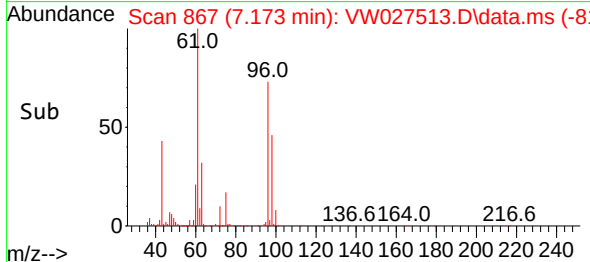
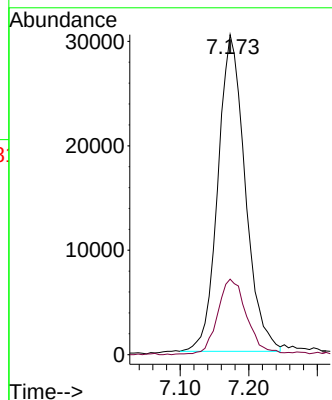
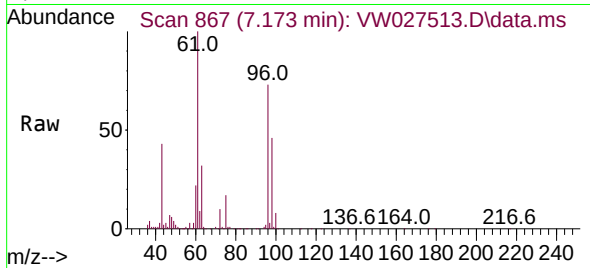




#22
2-Butanone
Concen: 39.929 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

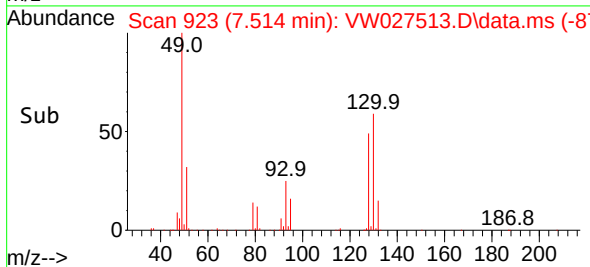
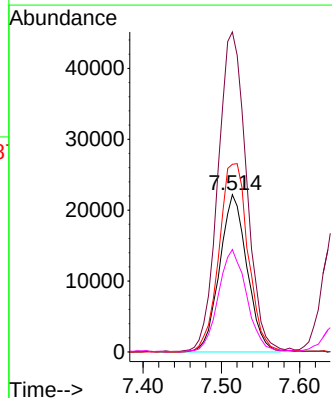
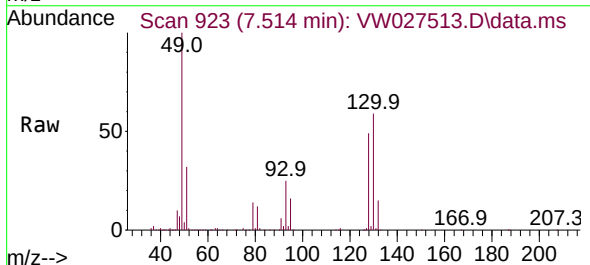
Instrument :
MSVOA_W
ClientSampleId :

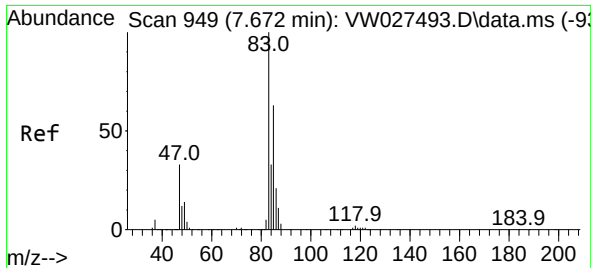
Tgt Ion: 43 Resp: 83808
Ion Ratio Lower Upper
43 100
72 25.3 12.3 36.8



#23
Bromochloromethane
Concen: 25.662 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 128 Resp: 53968
Ion Ratio Lower Upper
128 100
49 203.5 128.9 239.5
130 119.3 85.0 157.8
51 65.1 48.1 72.1

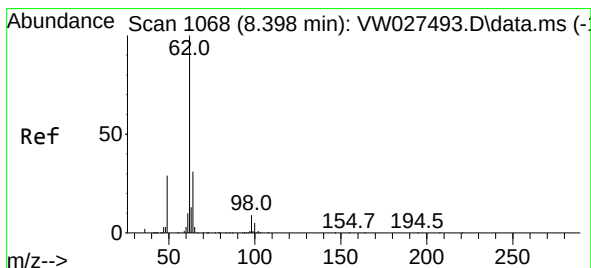
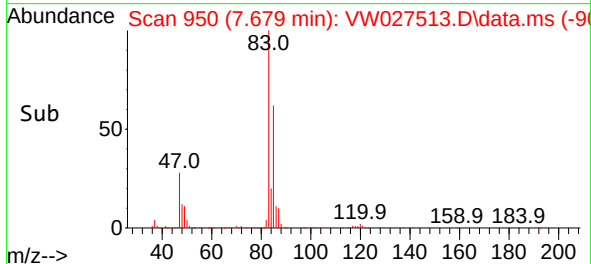
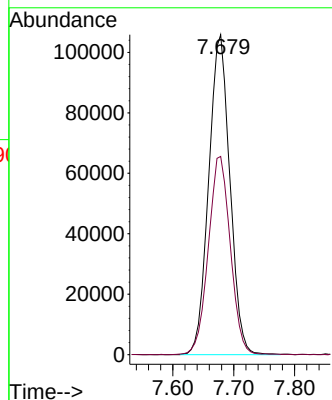
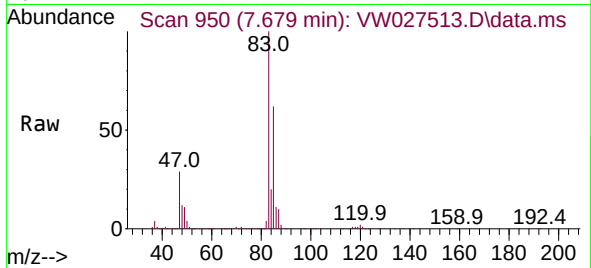




#25
Chloroform
Concen: 29.650 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

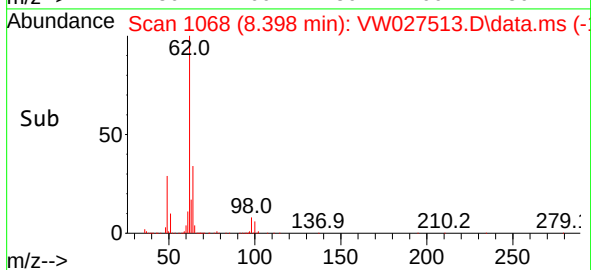
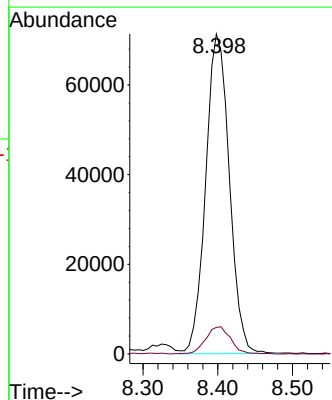
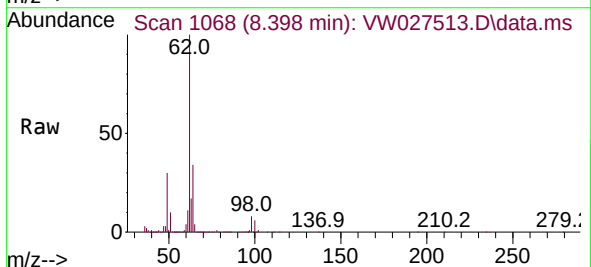
Instrument :
MSVOA_W
ClientSampleId :

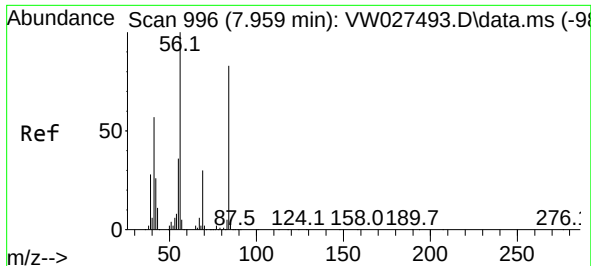
Tgt Ion: 83 Resp: 255377
Ion Ratio Lower Upper
83 100
85 62.0 44.1 81.9



#27
1,2-Dichloroethane
Concen: 26.810 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 62 Resp: 156862
Ion Ratio Lower Upper
62 100
98 8.3 7.5 11.3

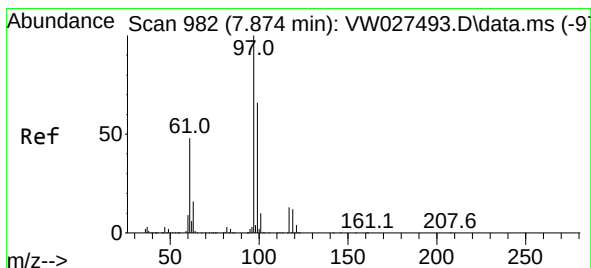
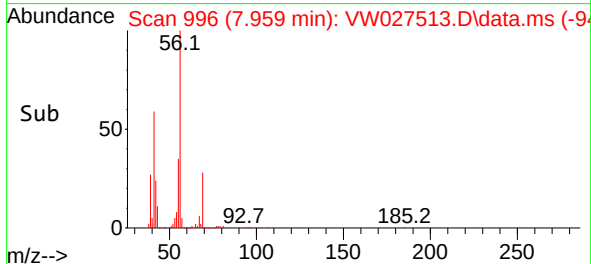
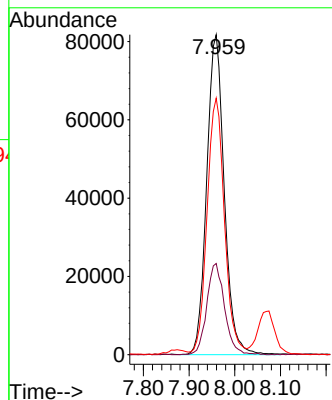
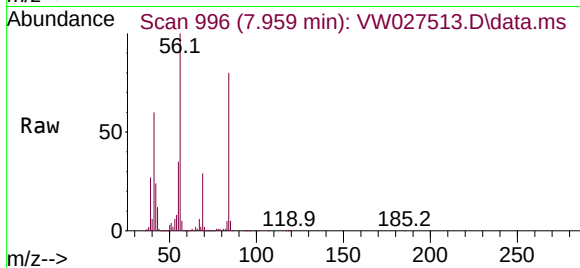




#29
Cyclohexane
Concen: 24.409 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

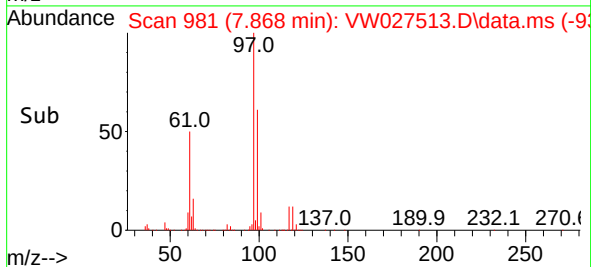
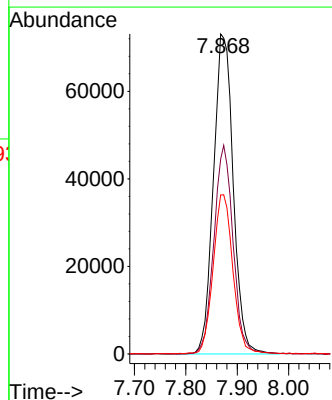
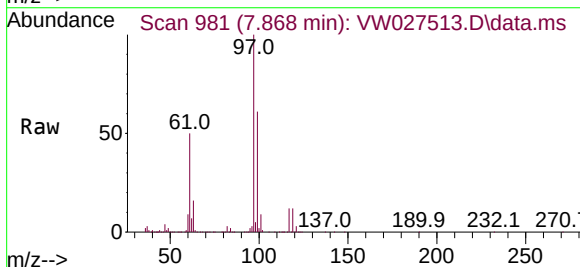
Instrument :
MSVOA_W
ClientSampleId :

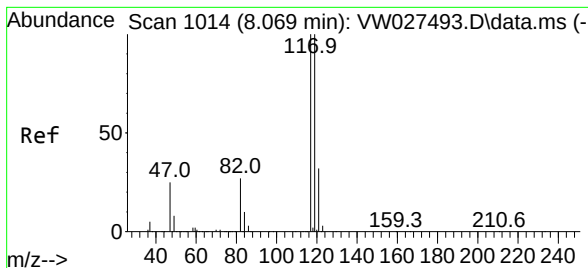
Tgt Ion: 56 Resp: 218375
Ion Ratio Lower Upper
56 100
69 28.8 24.2 36.4
84 79.2 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 27.211 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 97 Resp: 195587
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.0
61 49.1 37.4 56.0





#31

Carbon tetrachloride

Concen: 25.885 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Instrument :

MSVOA_W

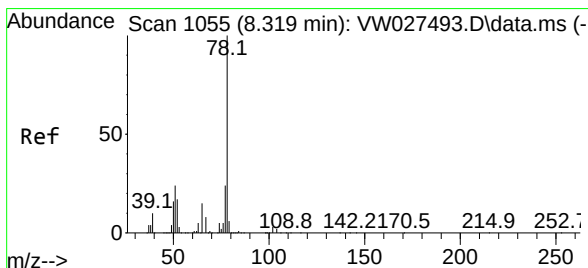
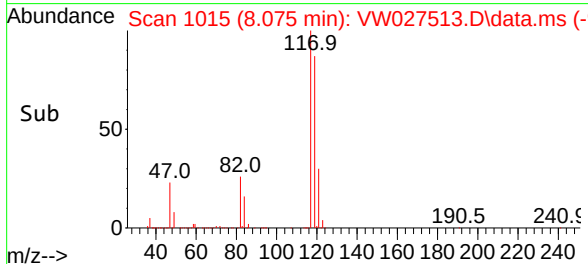
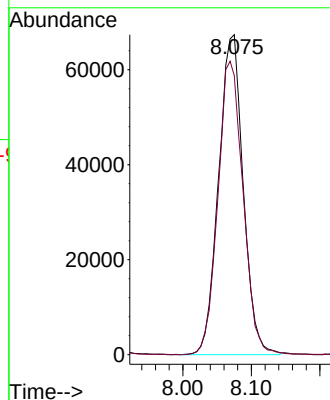
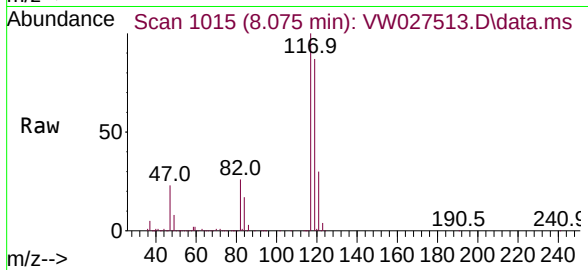
ClientSampleId :

Tgt Ion:117 Resp: 167766

Ion Ratio Lower Upper

117 100

119 93.7 77.1 115.7



#33

Benzene

Concen: 27.697 ug/L

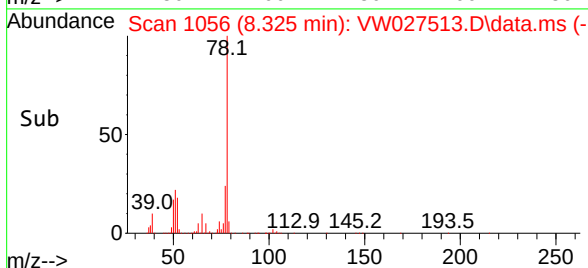
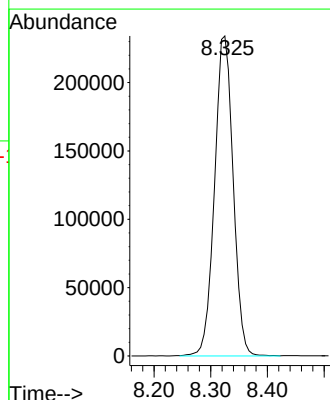
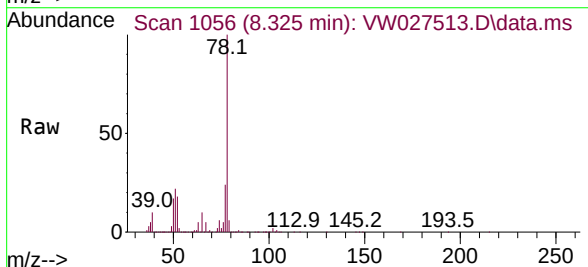
RT: 8.325 min Scan# 1056

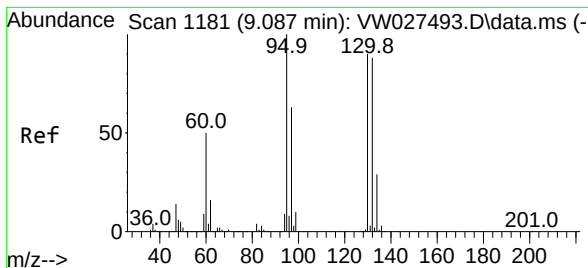
Delta R.T. 0.006 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Tgt Ion: 78 Resp: 533368





#34

Trichloroethene

Concen: 27.043 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

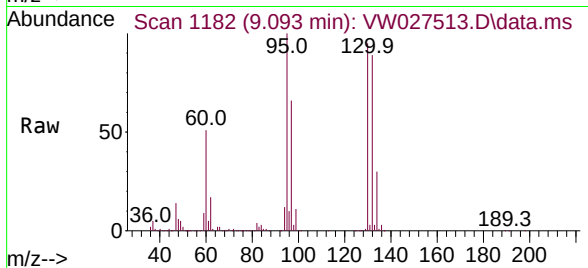
Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 137562

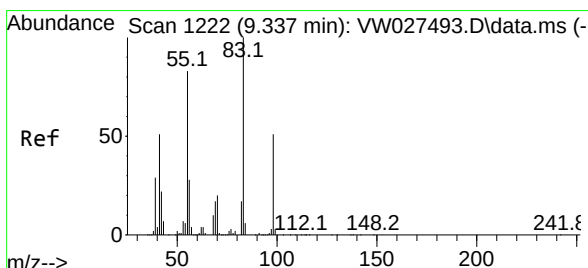
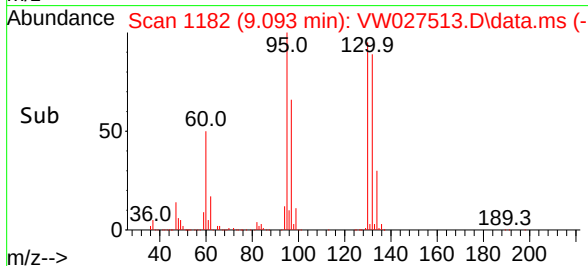
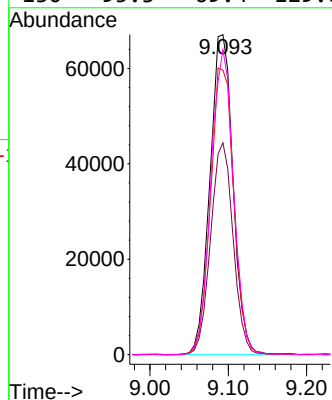
Ion Ratio Lower Upper

95 100

97 66.2 43.4 80.6

132 88.9 67.6 125.6

130 95.3 69.4 129.0



#35

Methylcyclohexane

Concen: 24.723 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

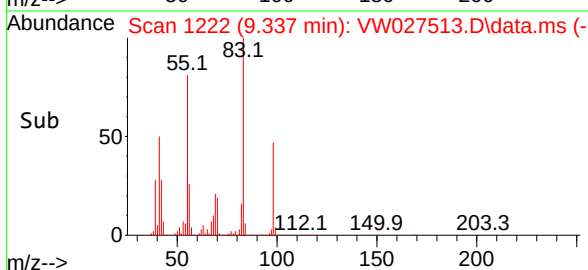
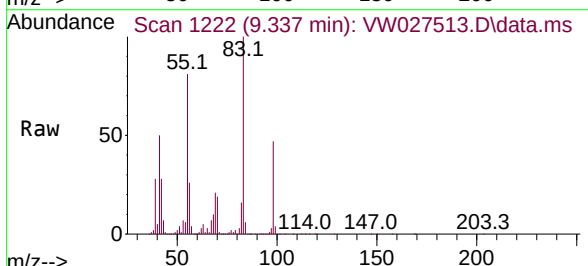
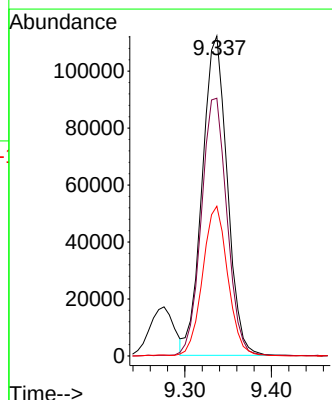
Tgt Ion: 83 Resp: 224897

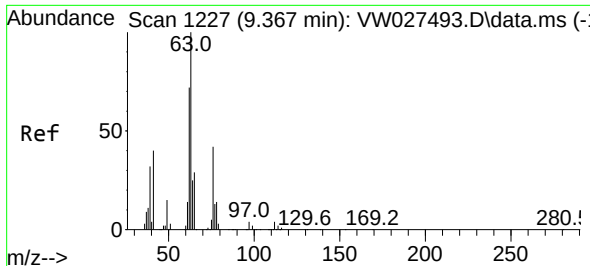
Ion Ratio Lower Upper

83 100

55 83.0 65.8 98.8

98 47.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 28.641 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Instrument :

MSVOA_W

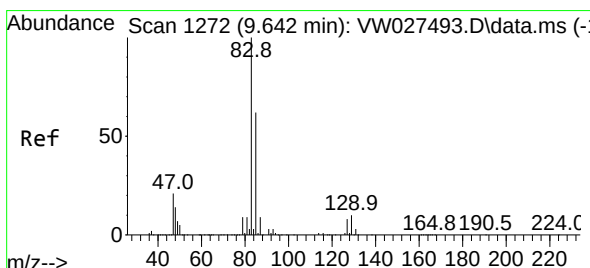
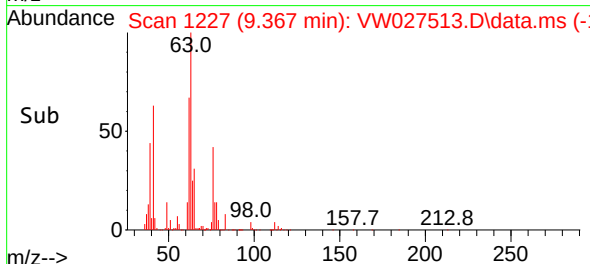
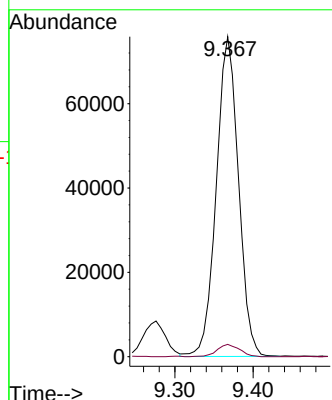
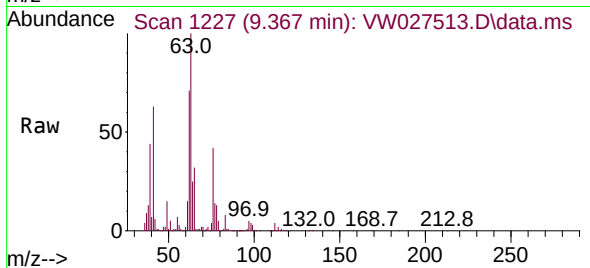
ClientSampleId :

Tgt Ion: 63 Resp: 149132

Ion Ratio Lower Upper

63 100

112 3.9 3.5 5.3



#38

Bromodichloromethane

Concen: 27.144 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

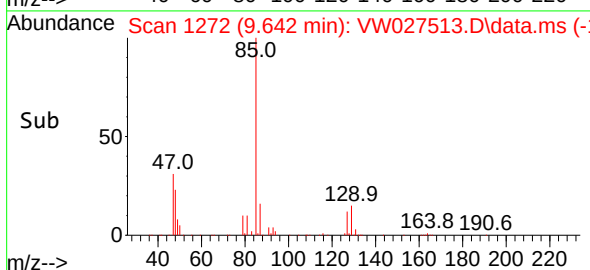
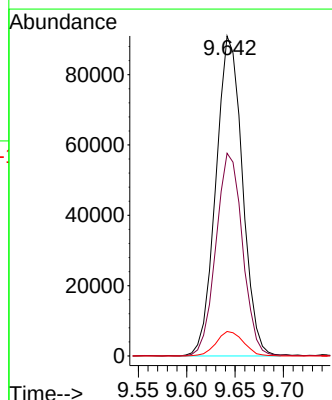
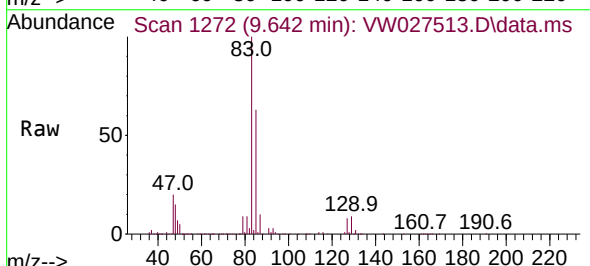
Tgt Ion: 83 Resp: 173791

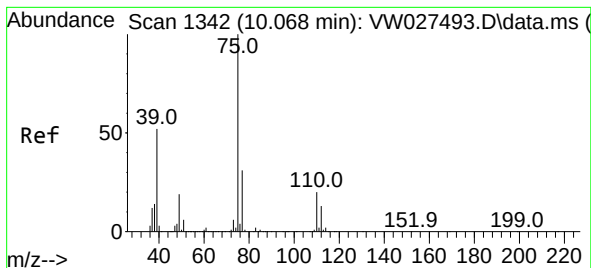
Ion Ratio Lower Upper

83 100

85 63.3 43.9 81.5

127 7.7 6.2 9.2

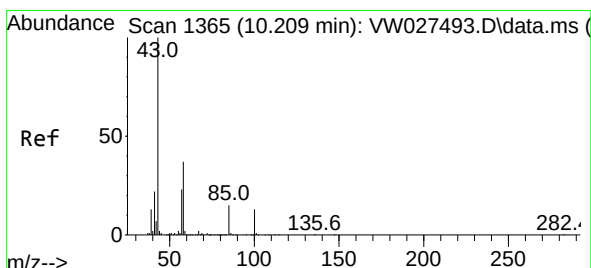
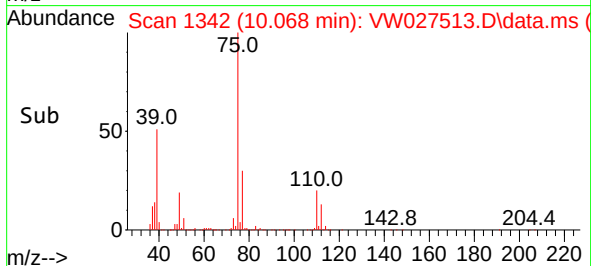
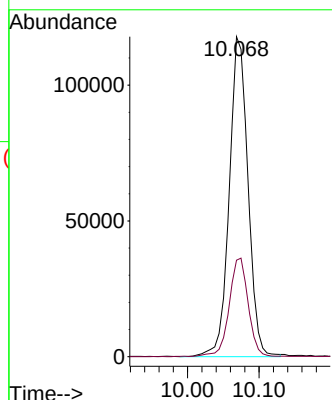
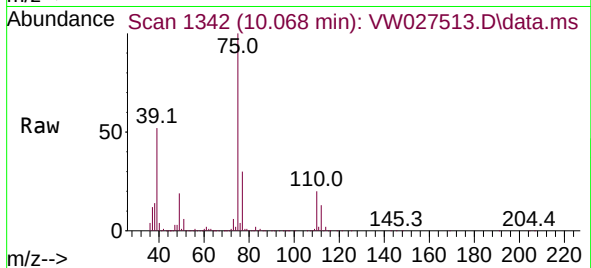




#39
cis-1,3-Dichloropropene
Concen: 24.920 ug/L
RT: 10.068 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

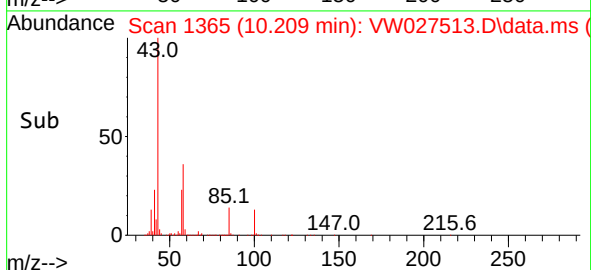
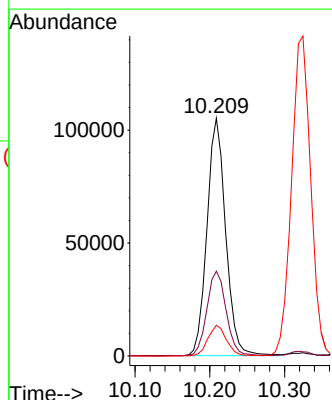
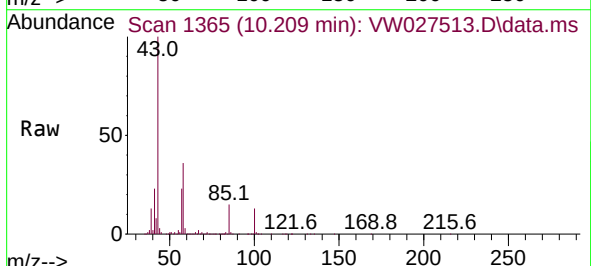
Instrument :
MSVOA_W
ClientSampleId :

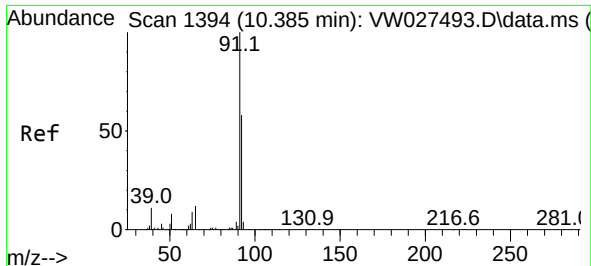
Tgt Ion: 75 Resp: 214341
Ion Ratio Lower Upper
75 100
77 30.1 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 50.987 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 43 Resp: 182577
Ion Ratio Lower Upper
43 100
58 37.1 30.5 45.7
100 13.0 11.5 17.3

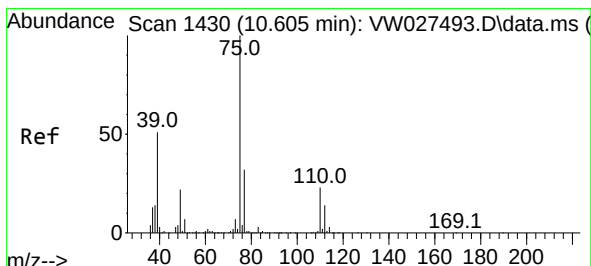
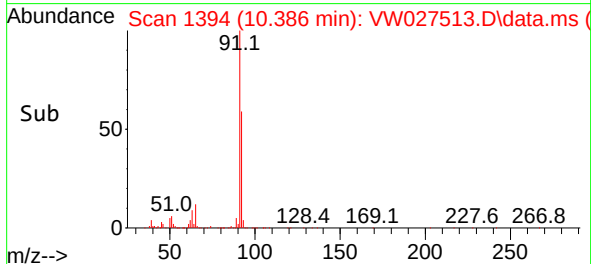
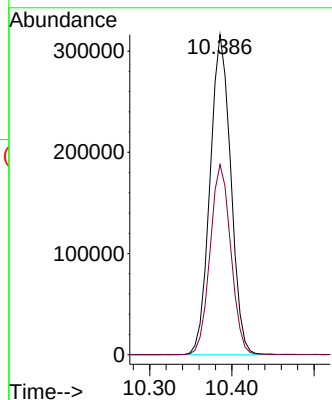
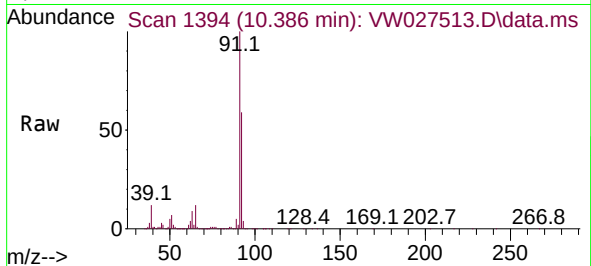




#42
Toluene
Concen: 27.416 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

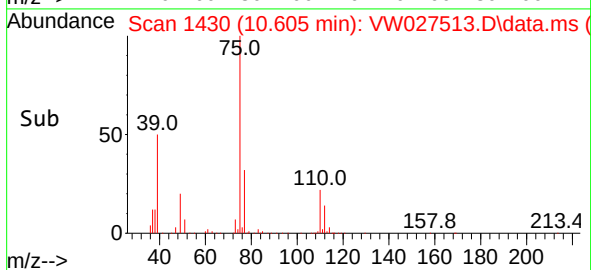
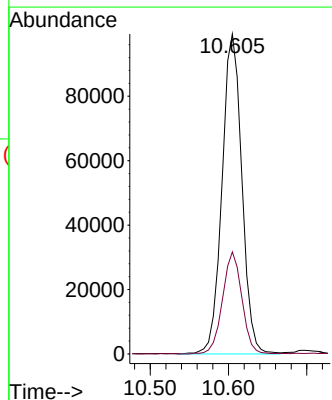
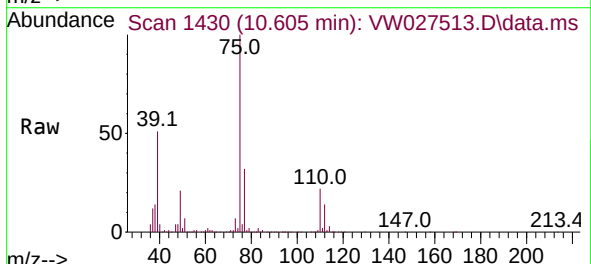
Instrument :
MSVOA_W
ClientSampleId :

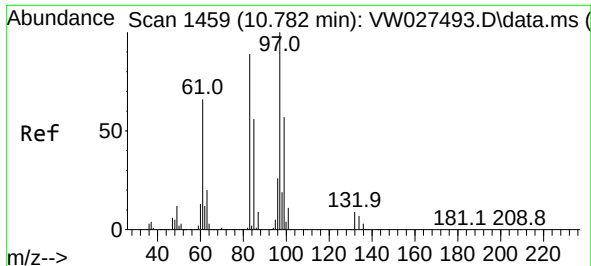
Tgt Ion: 91 Resp: 553837
Ion Ratio Lower Upper
91 100
92 59.4 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 24.102 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 75 Resp: 174917
Ion Ratio Lower Upper
75 100
77 31.9 22.0 41.0

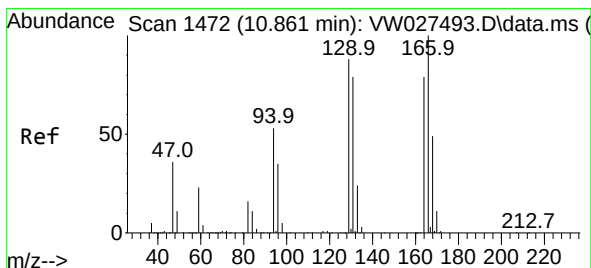
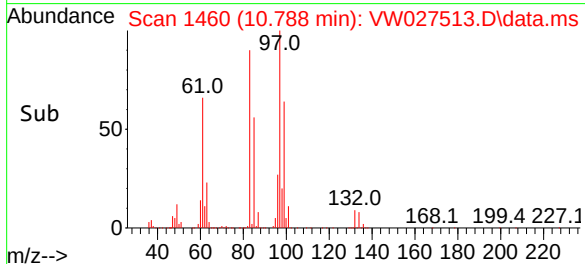
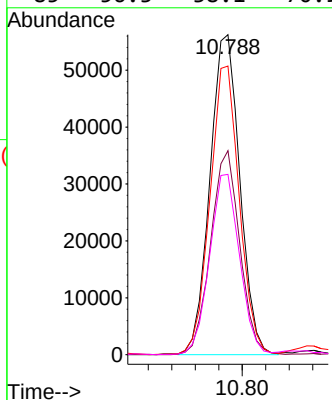
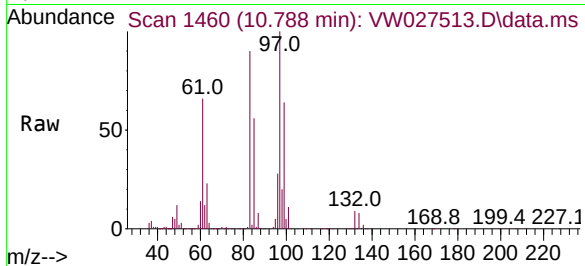




#45
1,1,2-Trichloroethane
Concen: 27.808 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

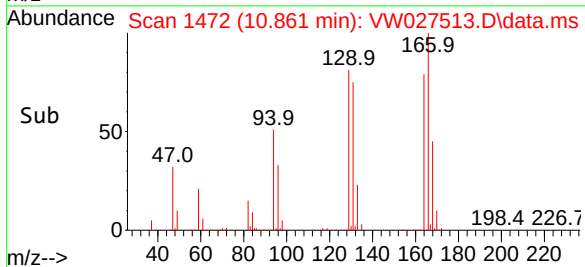
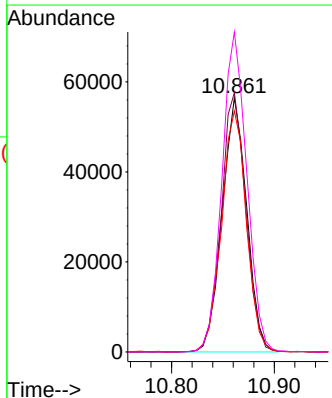
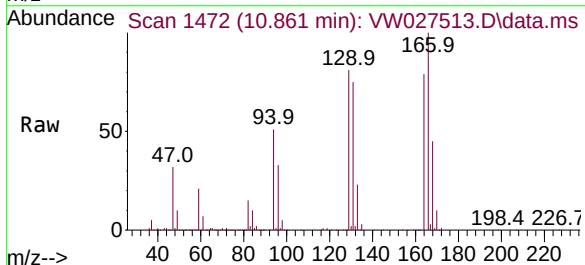
Instrument :
MSVOA_W
ClientSampleId :

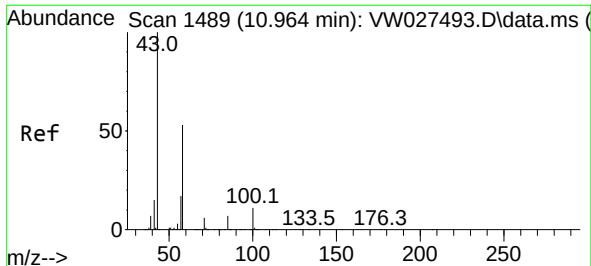
Tgt Ion: 97	Resp: 99637
Ion Ratio	Lower Upper
97 100	
99 63.8	43.8 81.4
83 90.2	57.5 106.7
85 56.3	38.1 70.9



#46
Tetrachloroethene
Concen: 26.759 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt	Ion:164	Resp:	93988
Ion	Ratio	Lower	Upper
164	100		
129	102.1	74.7	138.7
131	94.9	73.2	136.0
166	126.0	87.3	162.1

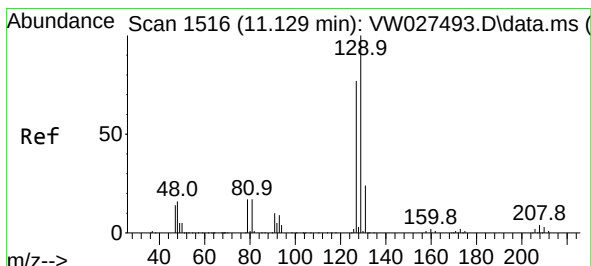
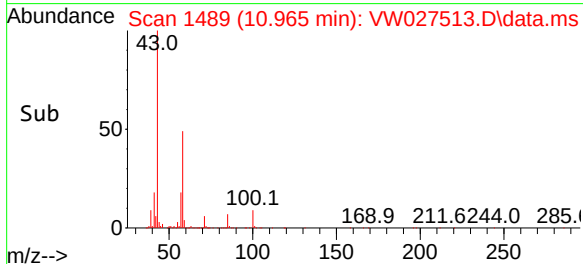
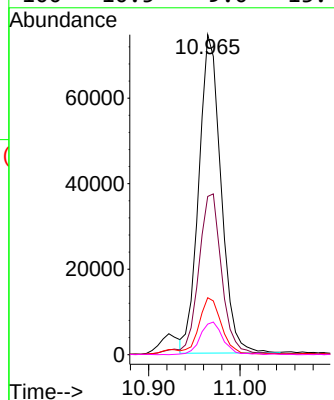
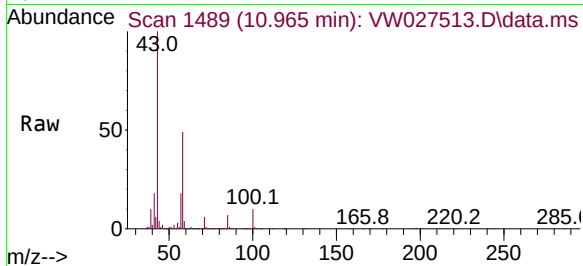




#48
2-Hexanone
Concen: 47.413 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

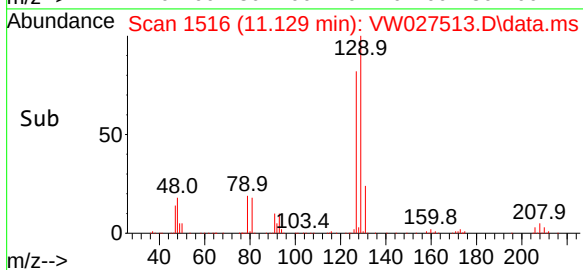
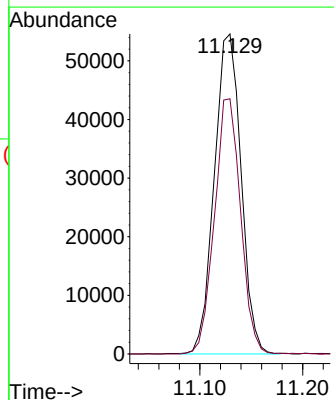
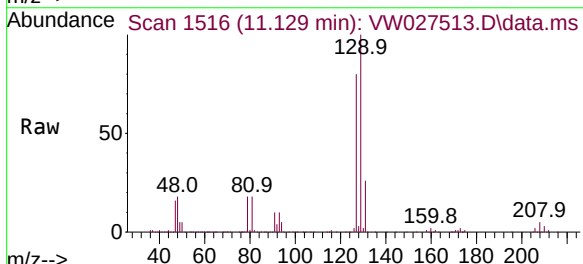
Instrument :
MSVOA_W
ClientSampleId :

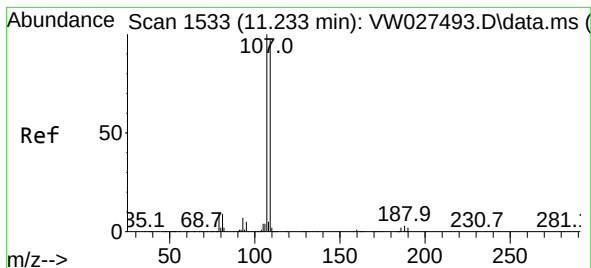
Tgt Ion: 43 Resp: 125659
Ion Ratio Lower Upper
43 100
58 50.1 42.2 63.4
57 17.8 15.1 22.7
100 10.5 9.0 13.4



#49
Dibromochloromethane
Concen: 24.834 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 129 Resp: 98818
Ion Ratio Lower Upper
129 100
127 79.7 51.7 95.9

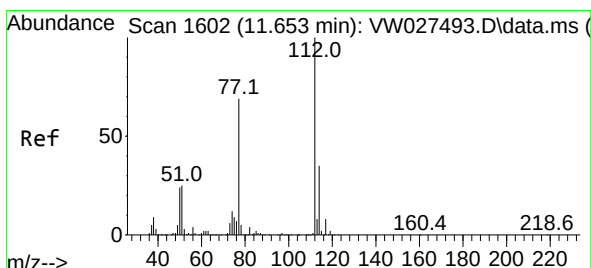
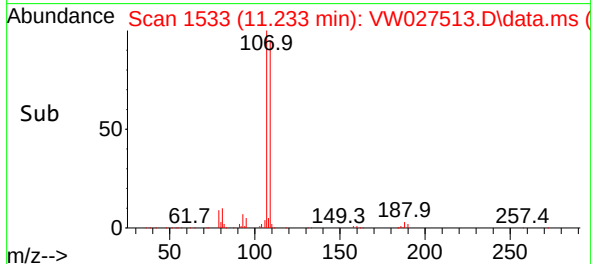
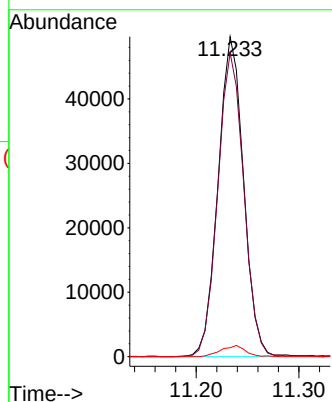
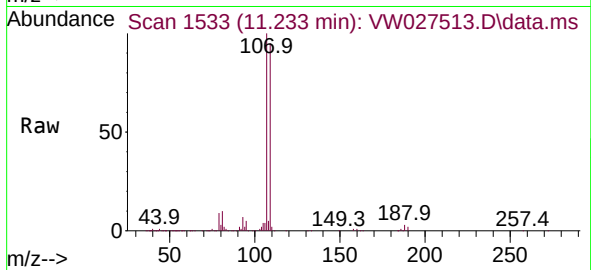




#50
1,2-Dibromoethane
Concen: 24.576 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

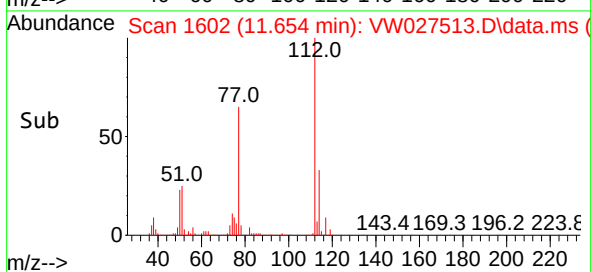
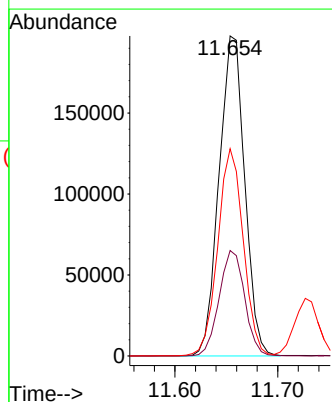
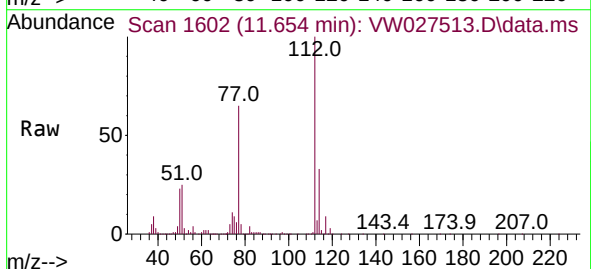
Instrument :
MSVOA_W
ClientSampleId :

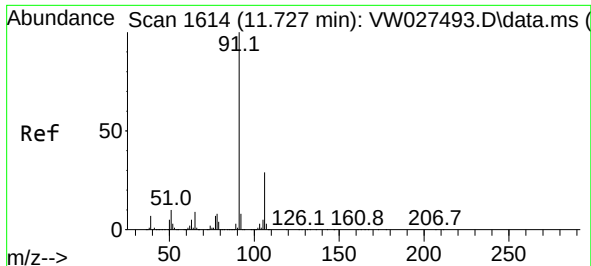
Tgt Ion:107 Resp: 85376
Ion Ratio Lower Upper
107 100
109 95.0 66.3 123.1
188 2.8 3.0 4.4#



#51
Chlorobenzene
Concen: 27.103 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion:112 Resp: 342850
Ion Ratio Lower Upper
112 100
114 33.0 21.8 40.6
77 64.7 52.2 78.4

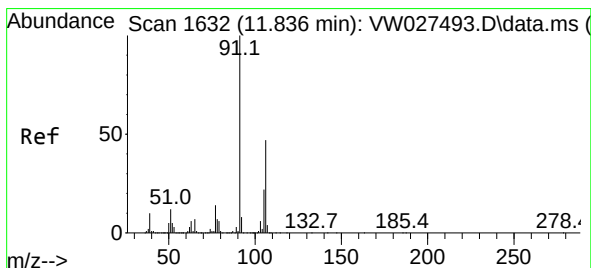
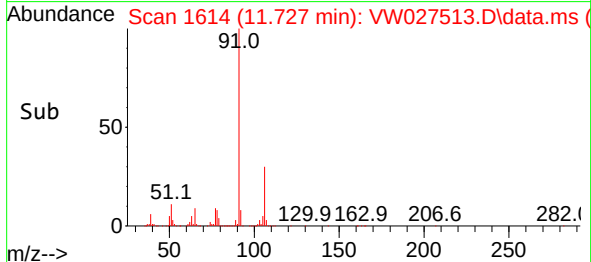
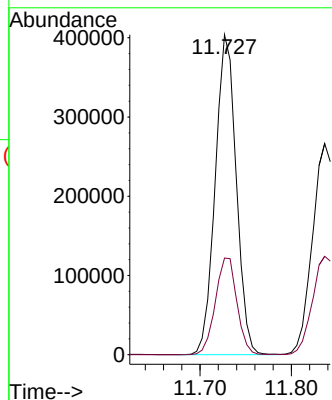
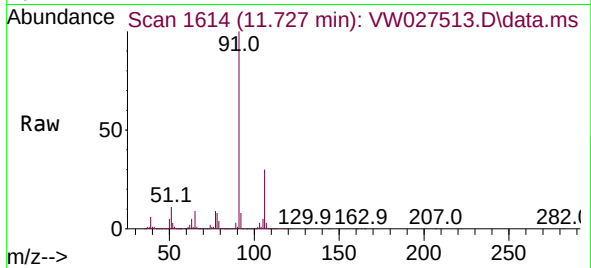




#52
Ethylbenzene
Concen: 27.474 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

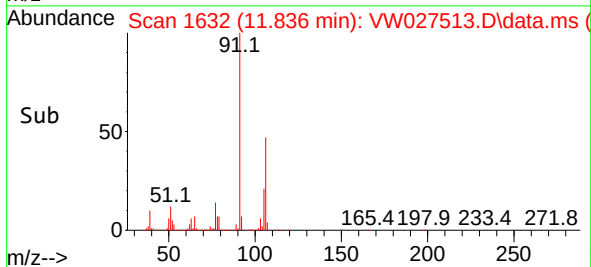
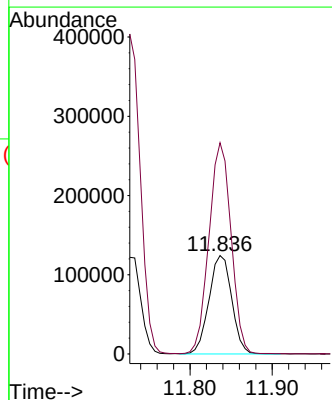
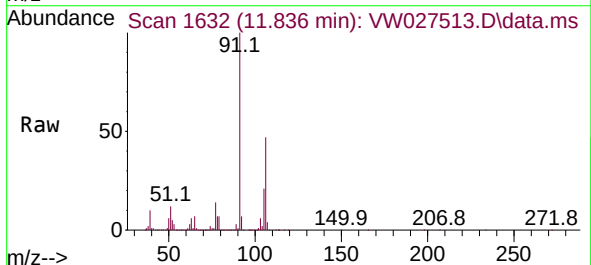
Instrument :
MSVOA_W
ClientSampleId :

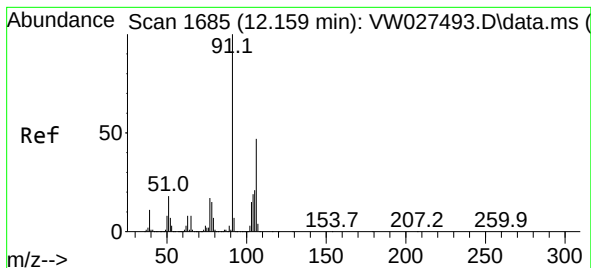
Tgt Ion: 91 Resp: 644949
Ion Ratio Lower Upper
91 100
106 30.2 19.8 36.8



#53
m,p-Xylene
Concen: 26.751 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion:106 Resp: 238190
Ion Ratio Lower Upper
106 100
91 214.6 144.5 268.4





#54

o-Xylene

Concen: 27.486 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Instrument :

MSVOA_W

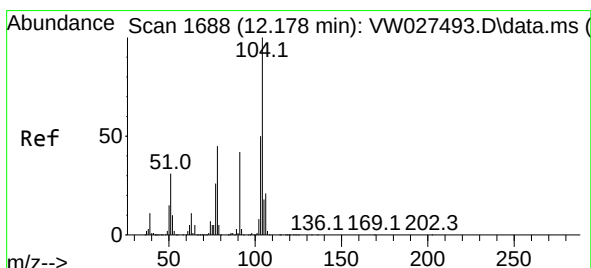
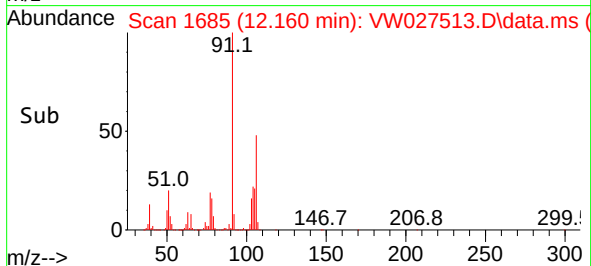
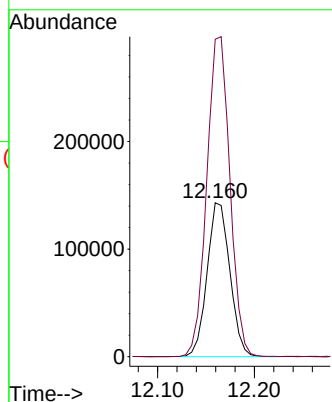
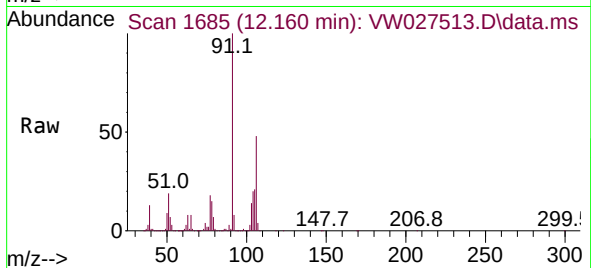
ClientSampleId :

Tgt Ion:106 Resp: 234357

Ion Ratio Lower Upper

106 100

91 206.3 152.0 282.2



#55

Styrene

Concen: 27.565 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027513.D

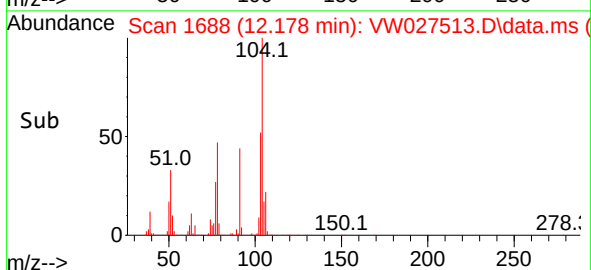
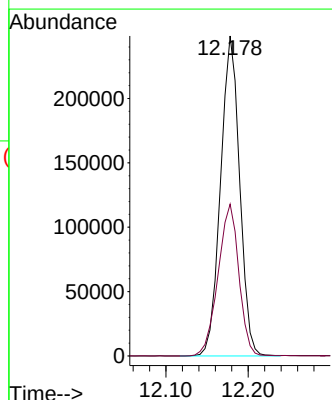
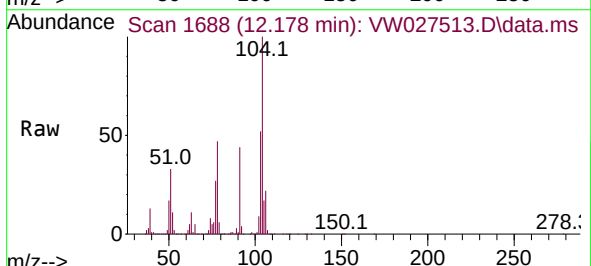
Acq: 01 Nov 2023 19:28

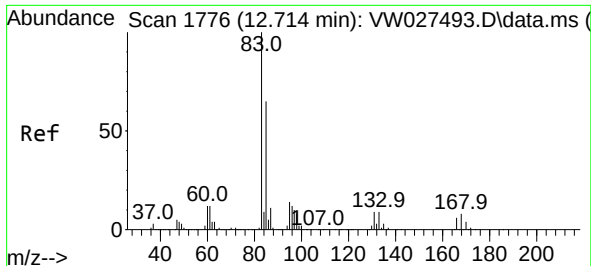
Tgt Ion:104 Resp: 401400

Ion Ratio Lower Upper

104 100

78 47.5 33.2 61.6





#57

1,1,2-Tetrachloroethane

Concen: 27.505 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

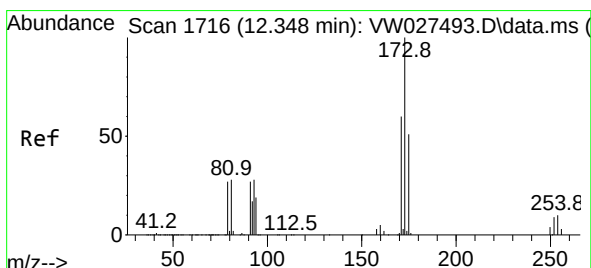
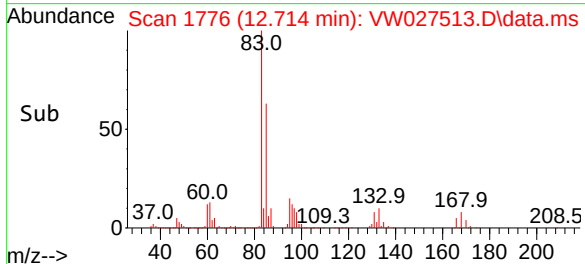
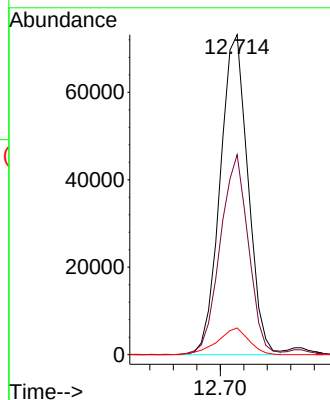
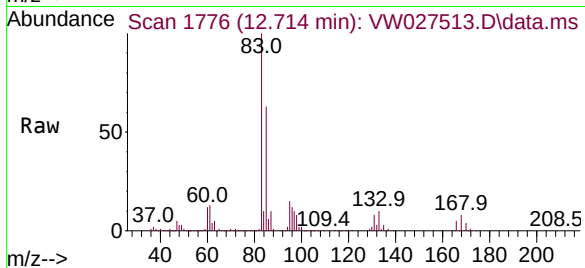
Tgt Ion: 83 Resp: 120309

Ion Ratio Lower Upper

83 100

85 62.5 43.2 80.2

131 8.4 7.2 10.8



#59

Bromoform

Concen: 22.087 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

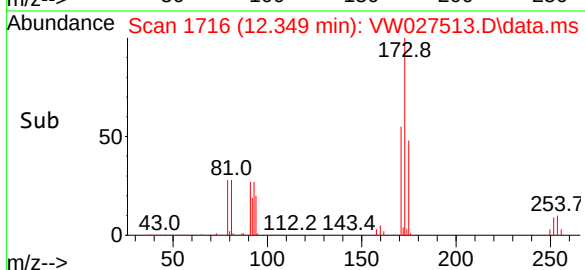
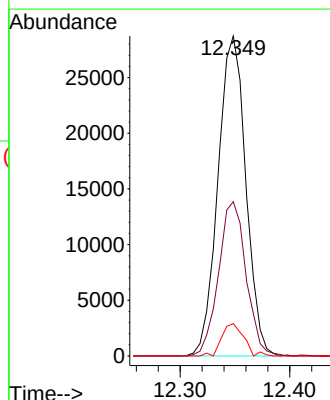
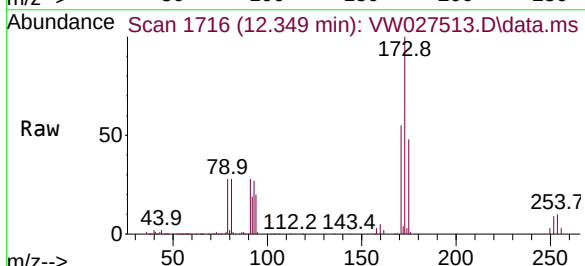
Tgt Ion:173 Resp: 50676

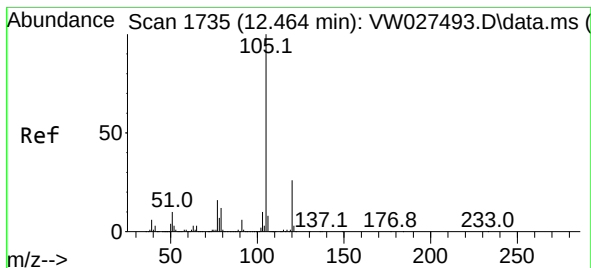
Ion Ratio Lower Upper

173 100

175 47.8 39.6 59.4

254 7.6 6.6 10.0





#60

Isopropylbenzene

Concen: 27.240 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

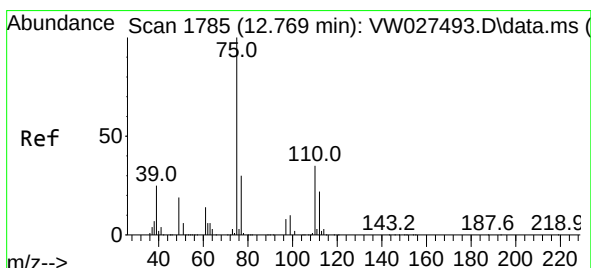
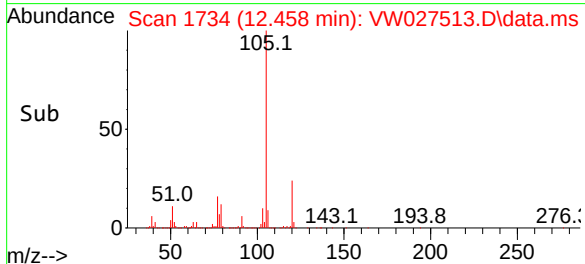
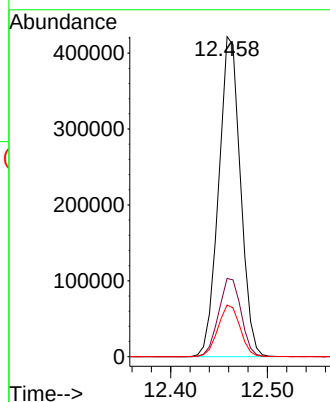
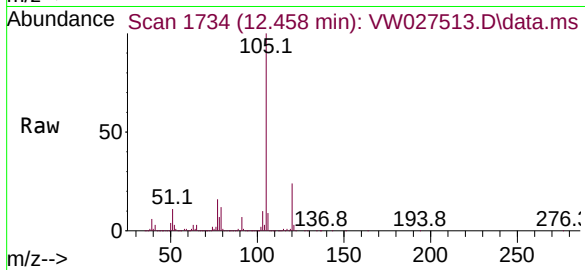
Tgt Ion:105 Resp: 659819

Ion Ratio Lower Upper

105 100

120 25.2 20.1 30.1

77 16.4 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 25.193 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

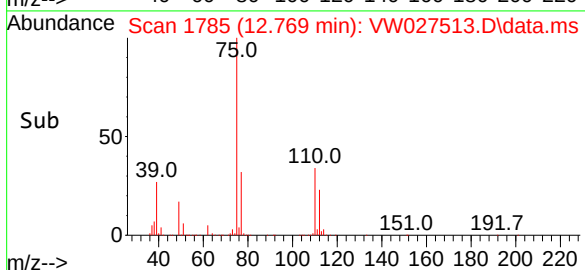
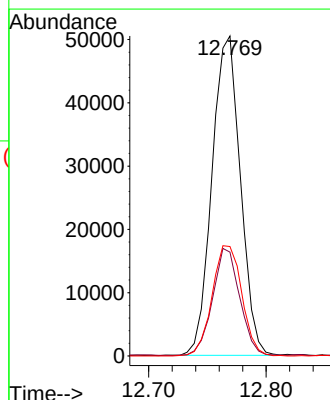
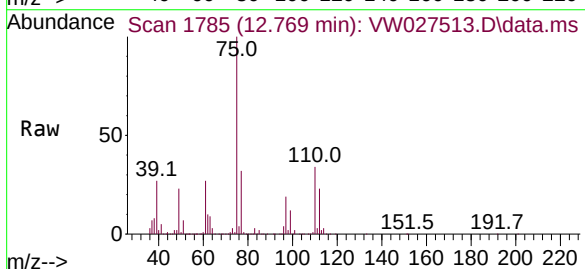
Tgt Ion: 75 Resp: 84817

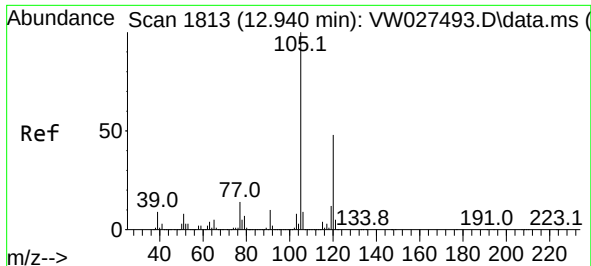
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

110 36.1 29.7 44.5

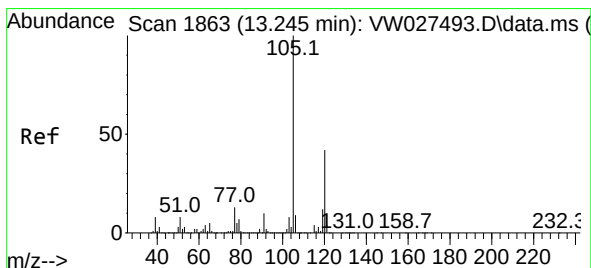
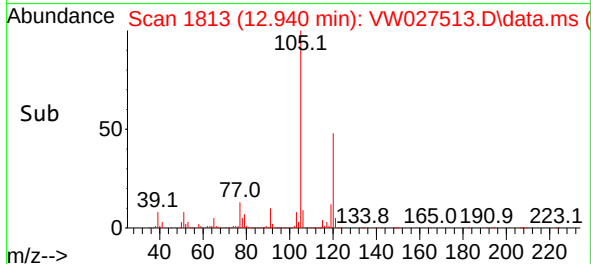
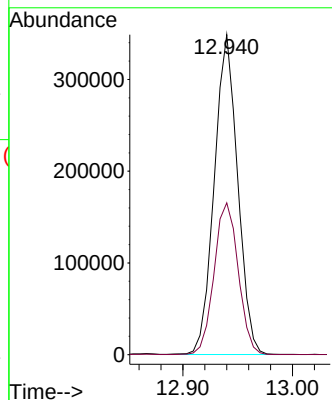
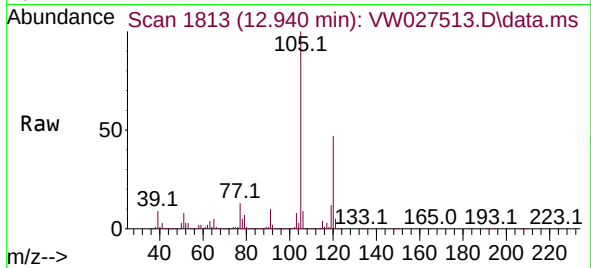




#62
1,3,5-Trimethylbenzene
Concen: 25.579 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

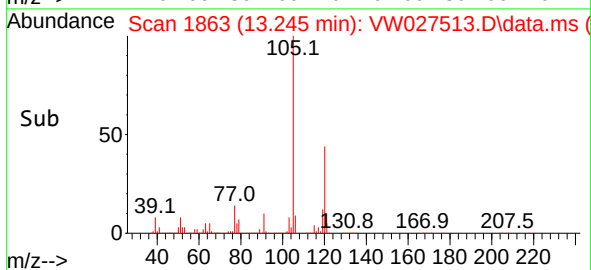
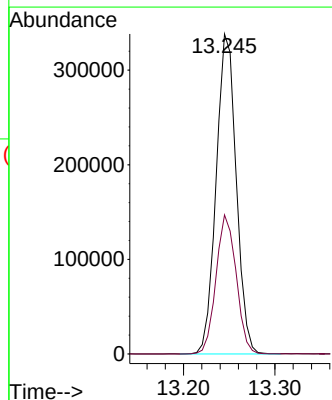
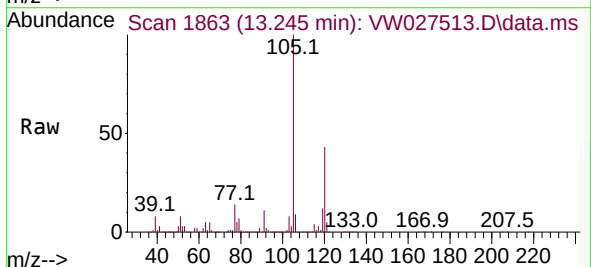
Instrument :
MSVOA_W
ClientSampleId :

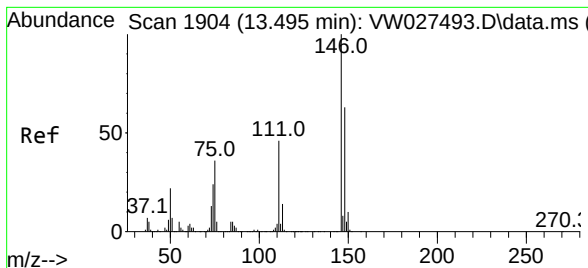
Tgt Ion:105 Resp: 516809
Ion Ratio Lower Upper
105 100
120 48.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 26.110 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion:105 Resp: 516161
Ion Ratio Lower Upper
105 100
120 43.6 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 26.540 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

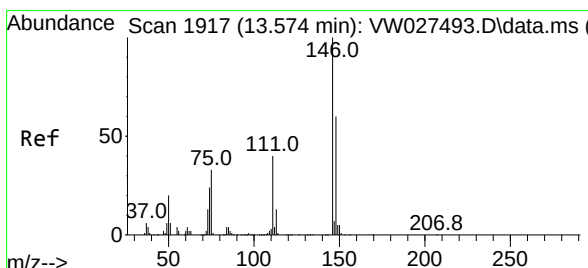
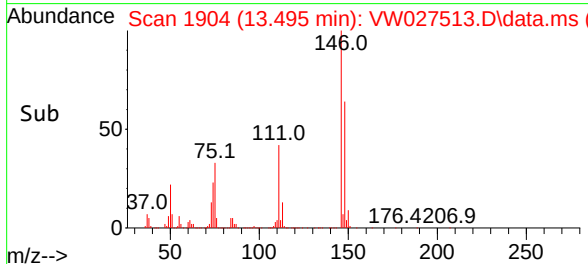
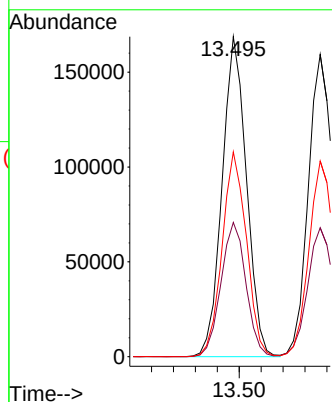
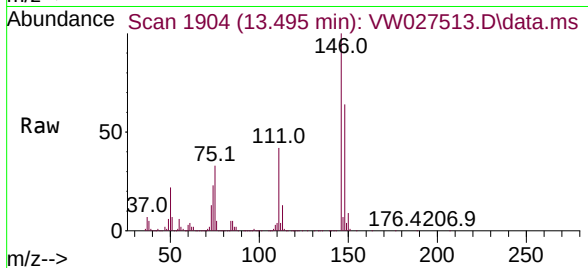
Tgt Ion:146 Resp: 260692

Ion Ratio Lower Upper

146 100

111 41.9 30.8 57.2

148 64.0 46.3 85.9



#65

1,4-Dichlorobenzene

Concen: 26.122 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

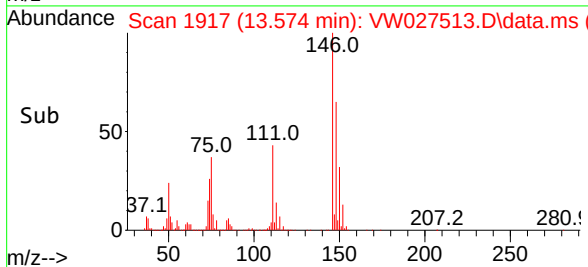
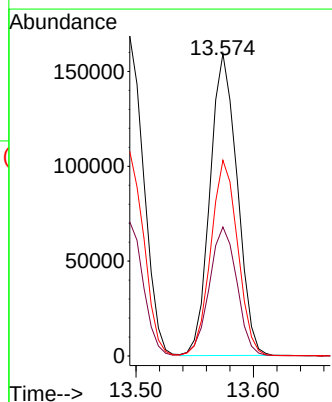
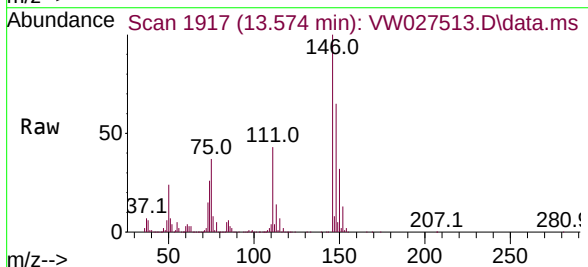
Tgt Ion:146 Resp: 256237

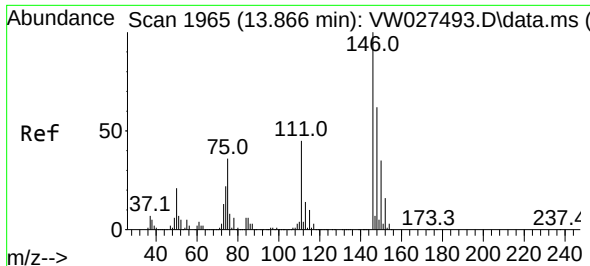
Ion Ratio Lower Upper

146 100

111 42.7 29.5 54.9

148 64.7 43.0 79.8

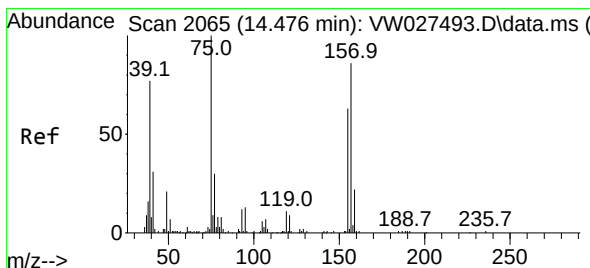
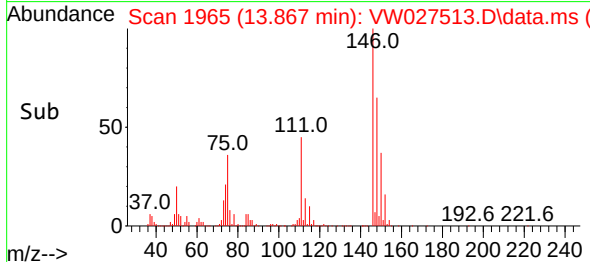
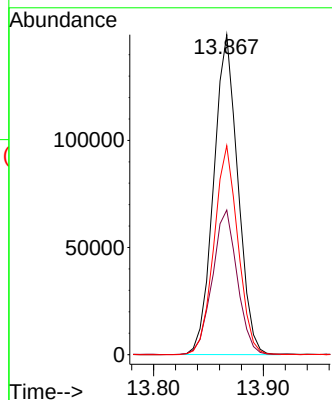
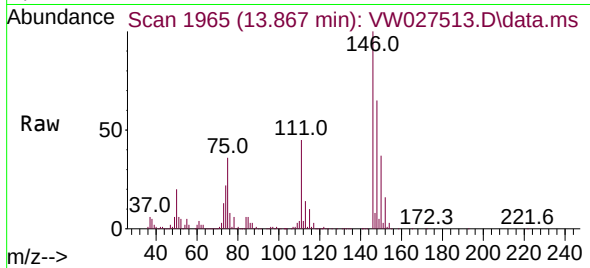




#67
1,2-Dichlorobenzene
Concen: 26.292 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

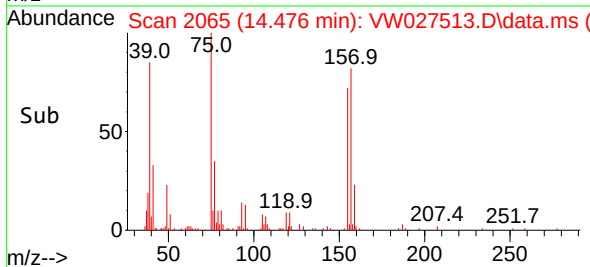
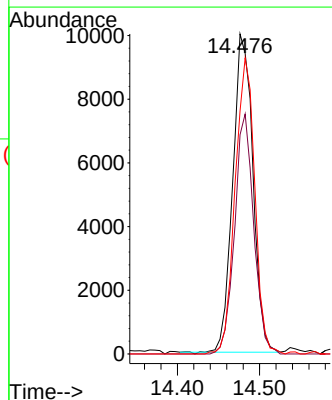
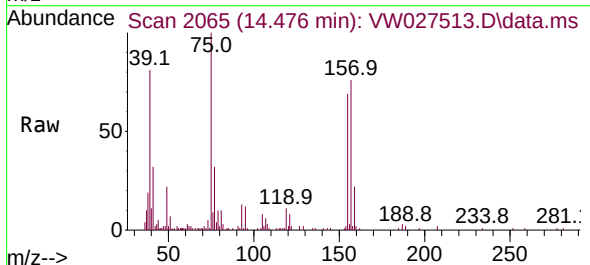
Instrument :
MSVOA_W
ClientSampleId :

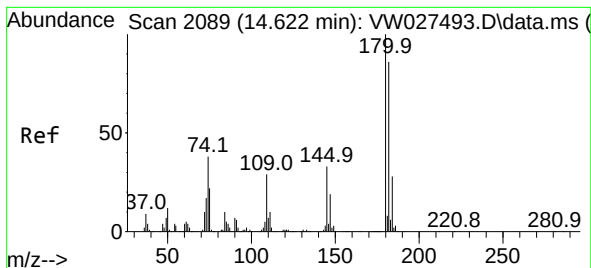
Tgt Ion:146 Resp: 229163
Ion Ratio Lower Upper
146 100
111 45.2 36.8 55.2
148 65.3 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 20.184 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027513.D
Acq: 01 Nov 2023 19:28

Tgt Ion: 75 Resp: 16983
Ion Ratio Lower Upper
75 100
155 68.5 54.9 82.3
157 75.9 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 25.539 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

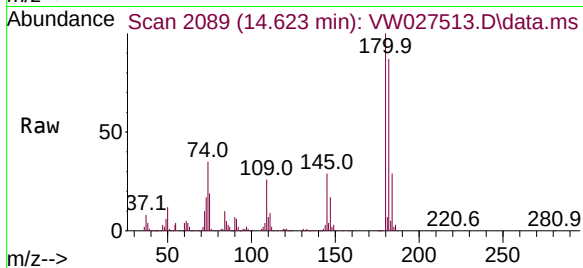
Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 162848

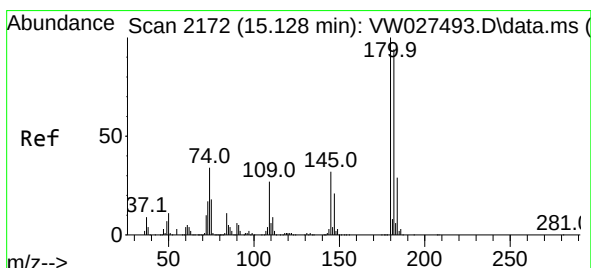
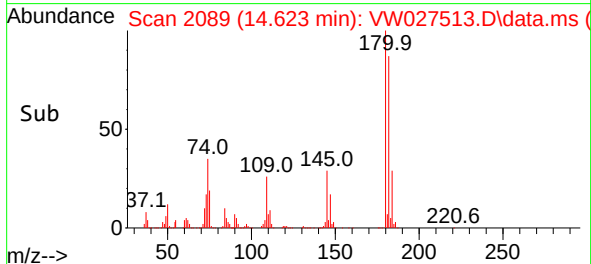
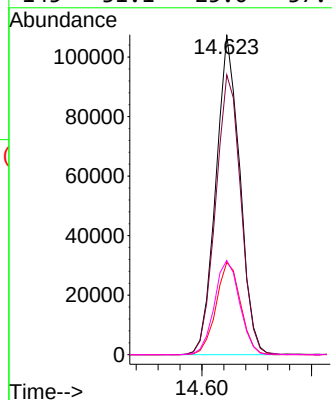
Ion Ratio Lower Upper

180 100

182 91.9 73.4 110.0

184 29.5 23.3 34.9

145 31.1 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 23.622 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

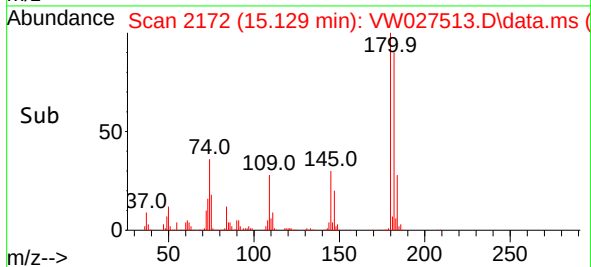
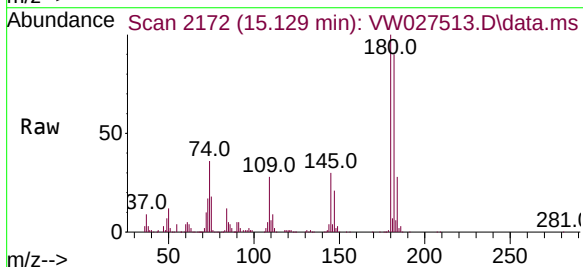
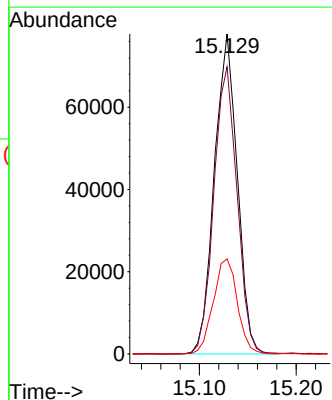
Tgt Ion:180 Resp: 128199

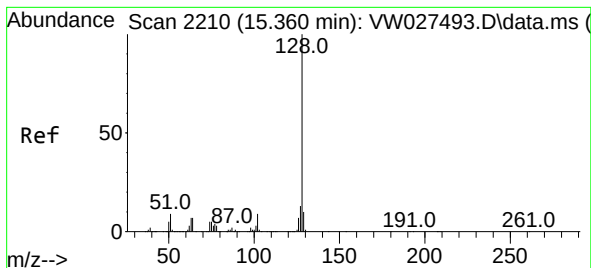
Ion Ratio Lower Upper

180 100

182 90.8 75.5 113.3

145 31.2 26.4 39.6





#71

Naphthalene

Concen: 21.816 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Instrument :

MSVOA_W

ClientSampleId :

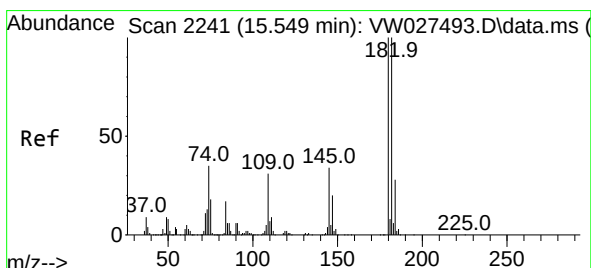
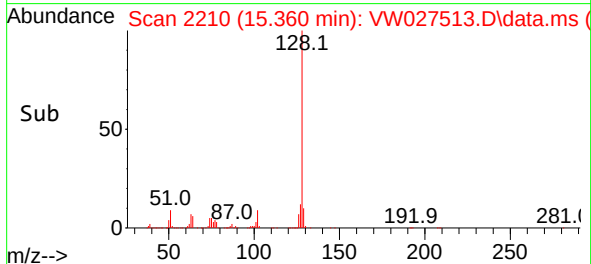
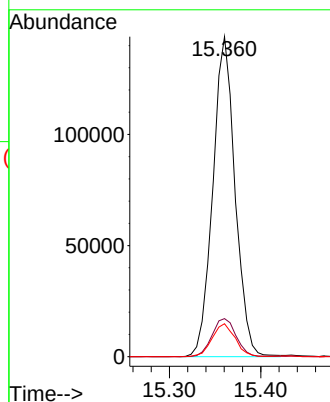
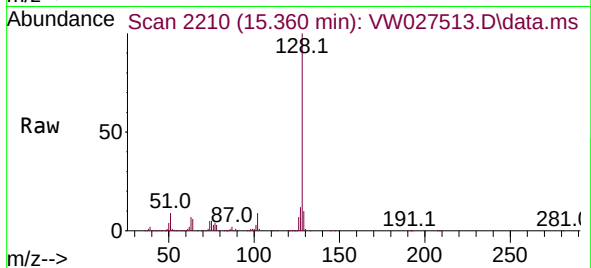
Tgt Ion:128 Resp: 243487

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 23.584 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027513.D

Acq: 01 Nov 2023 19:28

Tgt Ion:180 Resp: 105249

Ion Ratio Lower Upper

180 100

182 93.4 81.1 121.7

145 35.3 30.6 45.8

