

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
 Data File : VW027479.D
 Acq On : 31 Oct 2023 09:47
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 01:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	363988	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	338844	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	178943	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	106278	19.132	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	76.520%	
7) Chloroethane-d5	2.899	69	90529	22.697	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	4.021	65	53728	19.303	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	77.200%	
21) 2-Butanone-d5	7.081	46	85323	46.211	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	92.420%	
24) Chloroform-d	7.648	84	267702	24.676	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	98.720%	
26) 1,2-Dichloroethane-d4	8.307	65	133782	22.957	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	91.840%	
32) Benzene-d6	8.276	84	508413	22.177	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	88.720%	
36) 1,2-Dichloropropane-d6	9.276	67	168375	24.046	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	96.200%	
41) Toluene-d8	10.325	98	436461	20.995	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	83.960%	
43) trans-1,3-Dichloroprop...	10.575	79	60591	18.979	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	75.920%	
47) 2-Hexanone-d5	10.922	63	65382	45.131	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	90.260%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130704	25.018	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	100.080%	
66) 1,2-Dichlorobenzene-d4	13.848	152	143395	22.113	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	88.440%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	100359	23.173	ug/L	# 75
3) Chloromethane	2.223	50	131635	26.448	ug/L	99
5) Vinyl chloride	2.375	62	150823	27.129	ug/L	100
6) Bromomethane	2.789	94	81188	25.639	ug/L	99
8) Chloroethane	2.936	64	91421	28.568	ug/L	97
9) Trichlorofluoromethane	3.271	101	125759	32.063	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	128231	26.109	ug/L	92
13) Acetone	4.131	43	73998	46.402	ug/L	100
14) Carbon disulfide	4.387	76	327974	22.166	ug/L	100
15) Methyl Acetate	4.673	43	62841	23.072	ug/L	98
16) Methylene chloride	4.917	84	144481	21.685	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	131165	25.570	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	216890	24.507	ug/L	99
19) 1,1-Dichloroethane	6.216	63	296453	28.326	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	154851	26.731	ug/L	99
22) 2-Butanone	7.173	43	92979	38.953	ug/L	99
23) Bromochloromethane	7.520	128	61751	25.820	ug/L	95
25) Chloroform	7.673	83	276780	28.257	ug/L	96
27) 1,2-Dichloroethane	8.398	62	177681	26.704	ug/L	100

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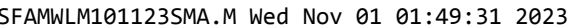
Instrument :
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 ClientSampleId :

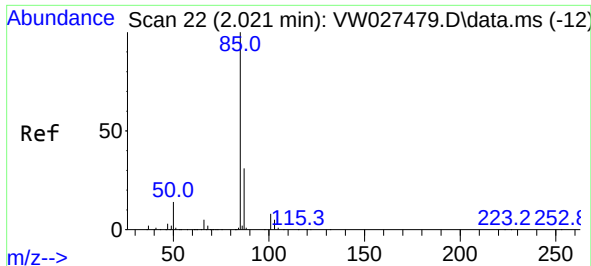
Quant Time: Nov 01 01:49:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	250600	24.358	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	225464	27.278	ug/L	98
31) Carbon tetrachloride	8.069	117	197225	26.463	ug/L	98
33) Benzene	8.325	78	605836	27.358	ug/L	100
34) Trichloroethene	9.093	95	155947	26.660	ug/L	97
35) Methylcyclohexane	9.337	83	256383	24.509	ug/L	99
37) 1,2-Dichloropropane	9.368	63	167087	27.905	ug/L	99
38) Bromodichloromethane	9.642	83	197279	26.795	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	245931	24.864	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	191914	46.606	ug/L	98
42) Toluene	10.386	91	633690	27.278	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	201224	24.111	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	109017	26.458	ug/L	96
46) Tetrachloroethene	10.861	164	106605	26.394	ug/L	95
48) 2-Hexanone	10.965	43	138237	45.357	ug/L	98
49) Dibromochloromethane	11.129	129	112460	24.577	ug/L	96
50) 1,2-Dibromoethane	11.233	107	98743	24.718	ug/L	96
51) Chlorobenzene	11.654	112	392941	27.012	ug/L	98
52) Ethylbenzene	11.727	91	730377	27.056	ug/L	93
53) m,p-Xylene	11.837	106	268514	26.225	ug/L	99
54) o-Xylene	12.166	106	263382	26.862	ug/L	100
55) Styrene	12.178	104	449681	26.854	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	131545	26.153	ug/L	97
59) Bromoform	12.343	173	57667	21.657	ug/L	97
60) Isopropylbenzene	12.458	105	749425	26.660	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	93203	23.854	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	609707	26.002	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	602814	26.275	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	304428	26.706	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	297012	26.090	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	260624	25.765	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	19493	19.962	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	194075	26.226	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	158715	25.199	ug/L	97
71) Naphthalene	15.360	128	293267	22.642	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	132938	25.668	ug/L	94

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

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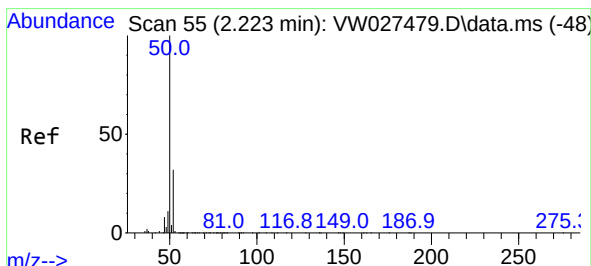
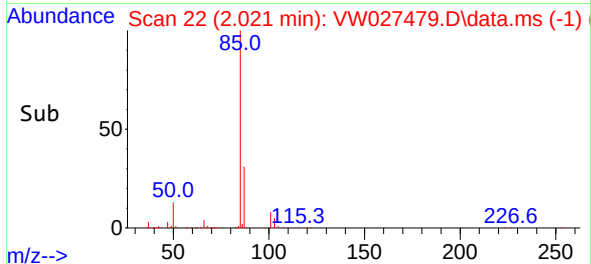
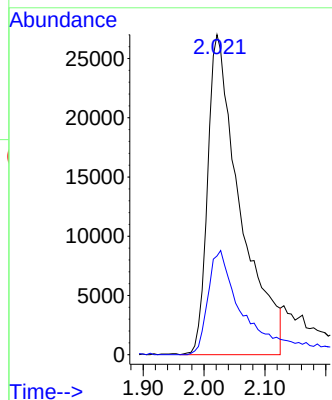
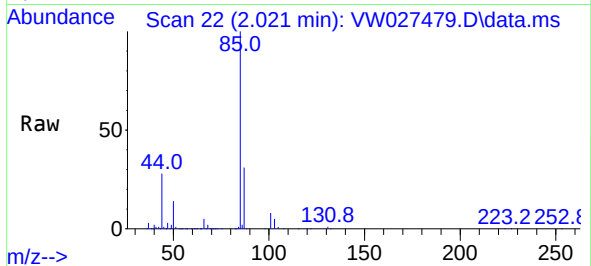




#2
Dichlorodifluoromethane
Concen: 23.173 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

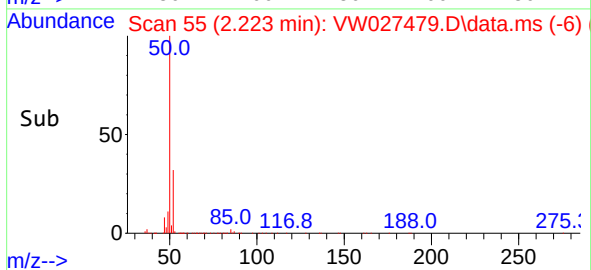
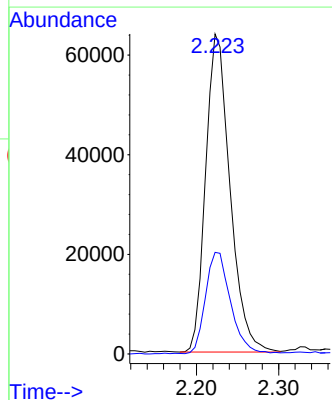
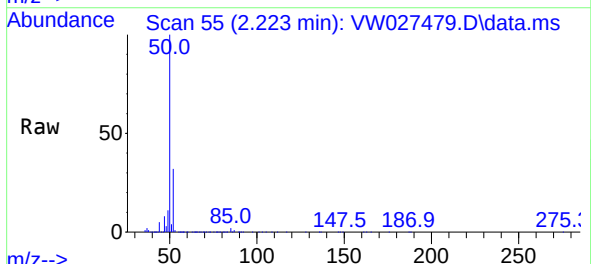
Instrument :
MSVOA_W
ClientSampleId :

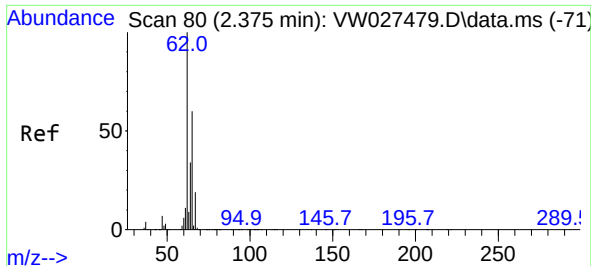
Tgt Ion: 85 Resp: 100359
Ion Ratio Lower Upper
85 100
87 34.8 18.3 27.5#



#3
Chloromethane
Concen: 26.448 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 50 Resp: 131635
Ion Ratio Lower Upper
50 100
52 31.7 22.7 42.3

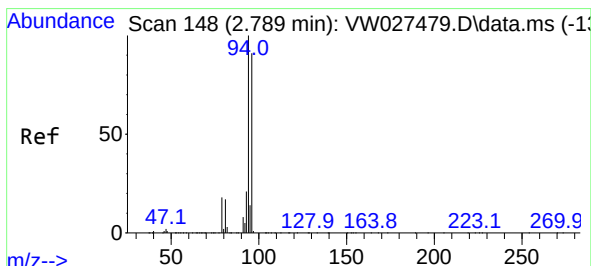
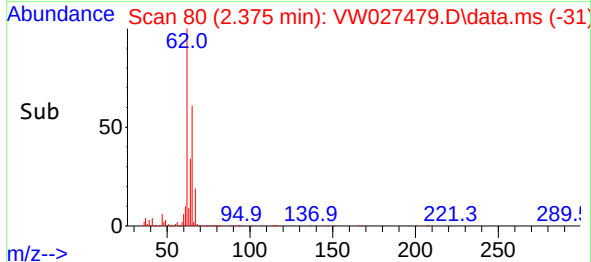
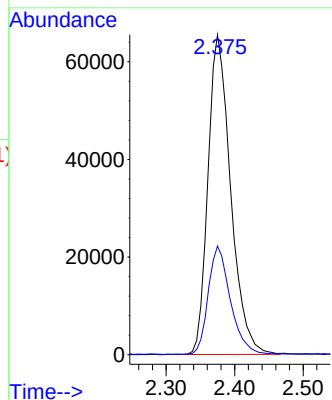
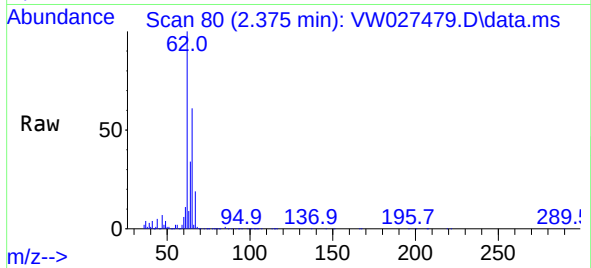




#5
 Vinyl chloride
 Concen: 27.129 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027479.D
 Acq: 31 Oct 2023 09:47

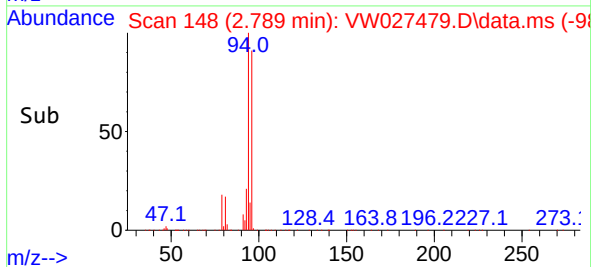
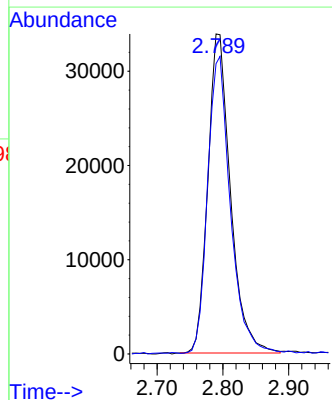
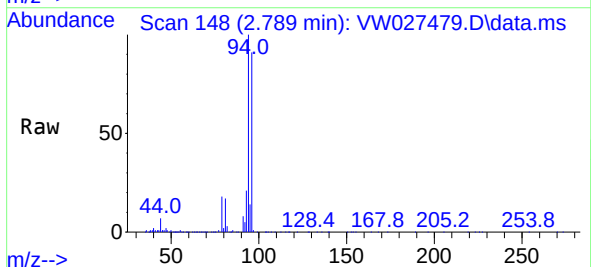
Instrument :
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 ClientSampleId :

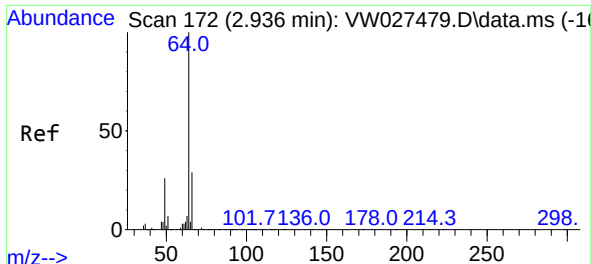
Tgt Ion: 62 Resp: 150823
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.8 44.2



#6
 Bromomethane
 Concen: 25.639 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027479.D
 Acq: 31 Oct 2023 09:47

Tgt Ion: 94 Resp: 81188
 Ion Ratio Lower Upper
 94 100
 96 90.7 62.9 116.9

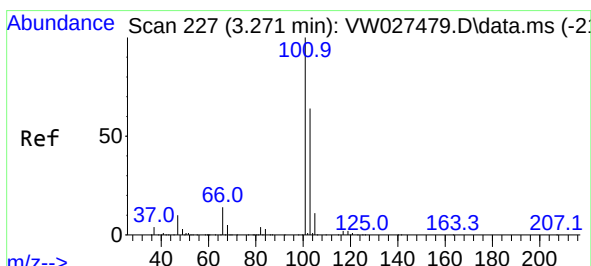
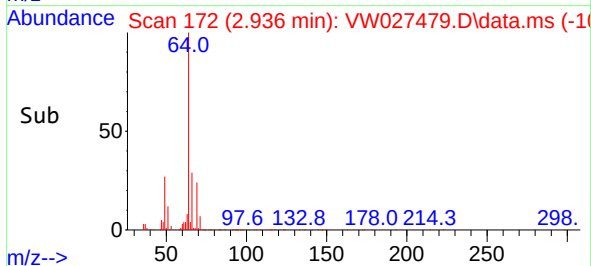
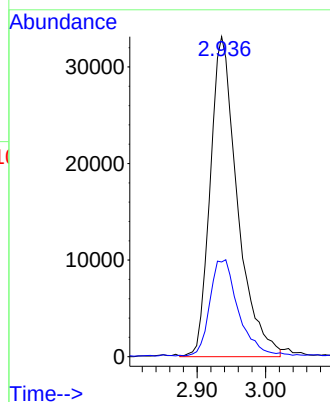
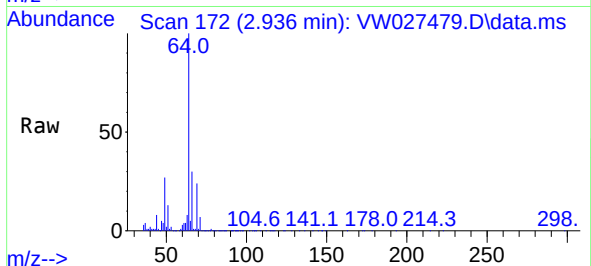




#8
Chloroethane
Concen: 28.568 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

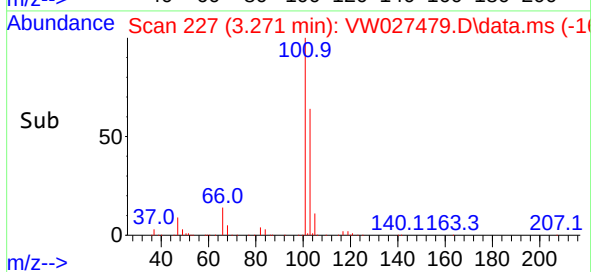
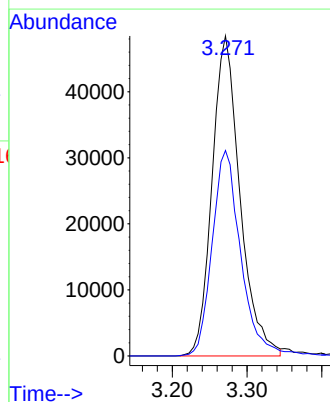
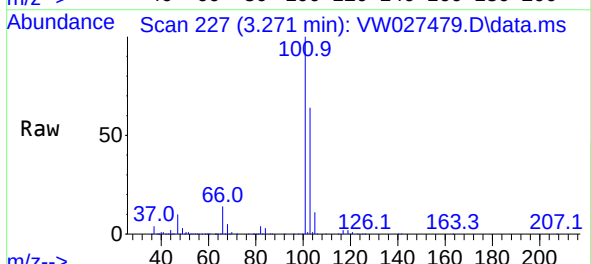
Instrument :
MSVOA_W
ClientSampleId :

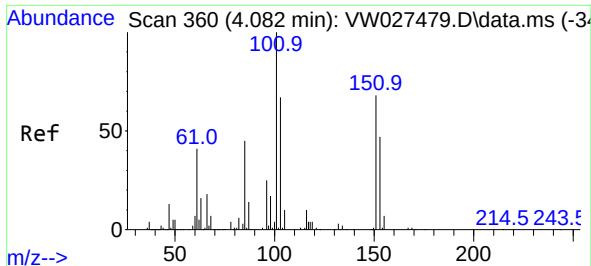
Tgt Ion: 64 Resp: 91421
Ion Ratio Lower Upper
64 100
66 29.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 32.063 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 101 Resp: 125759
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4

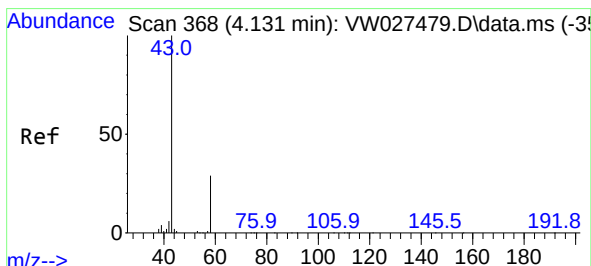
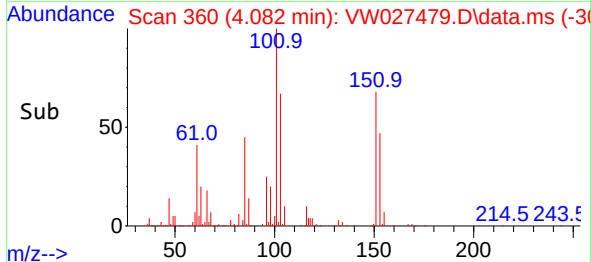
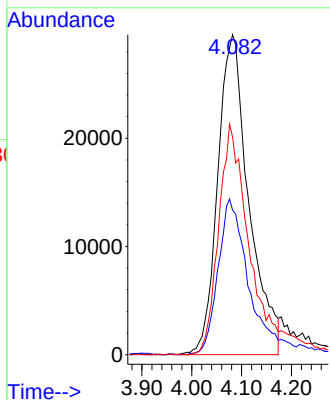
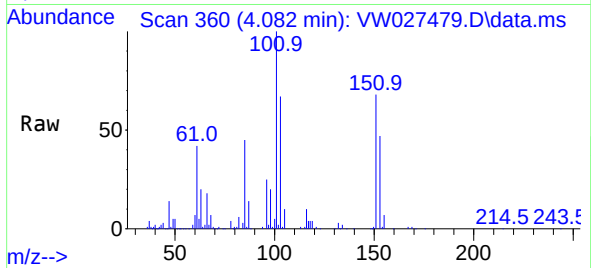




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.109 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.012 min
 Lab File: VW027479.D
 Acq: 31 Oct 2023 09:47

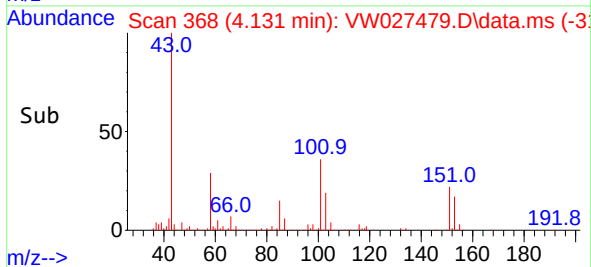
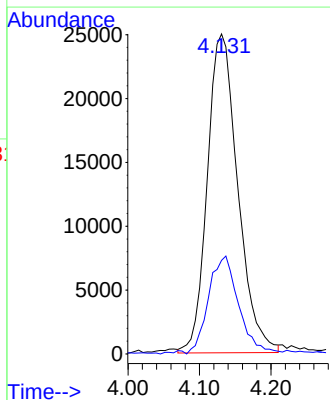
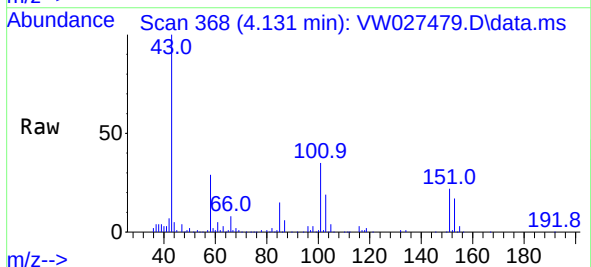
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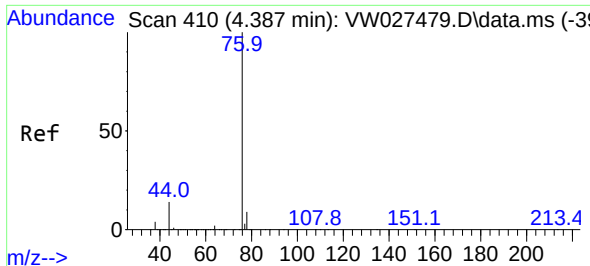
Tgt Ion:101 Resp: 128231
 Ion Ratio Lower Upper
 101 100
 85 46.7 34.1 51.1
 151 68.6 49.5 74.3



#13
 Acetone
 Concen: 46.402 ug/L
 RT: 4.131 min Scan# 368
 Delta R.T. 0.012 min
 Lab File: VW027479.D
 Acq: 31 Oct 2023 09:47

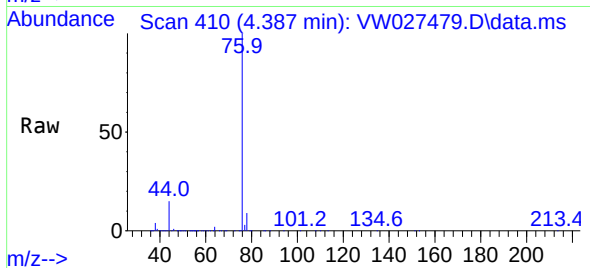
Tgt Ion: 43 Resp: 73998
 Ion Ratio Lower Upper
 43 100
 58 30.3 0.0 60.8



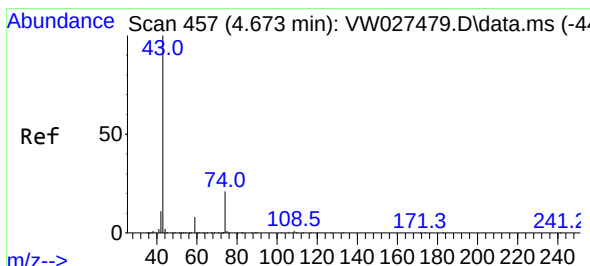
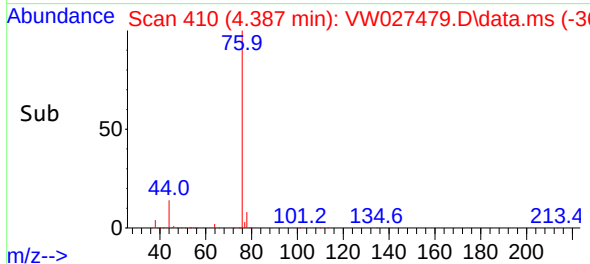
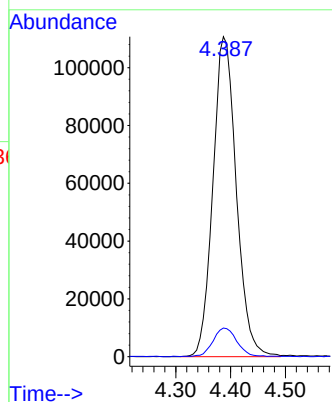


#14
Carbon disulfide
Concen: 22.166 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :

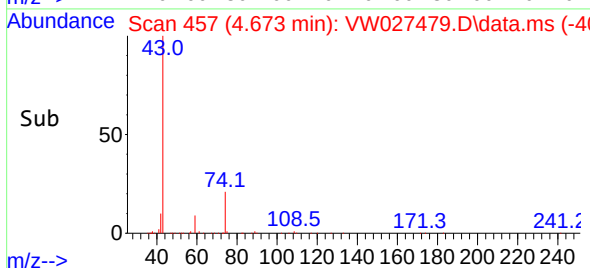
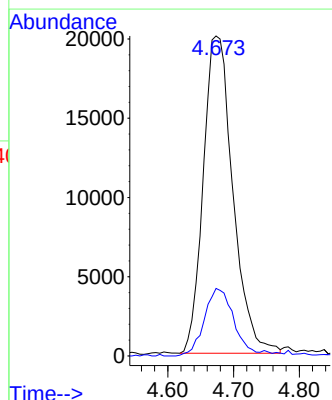
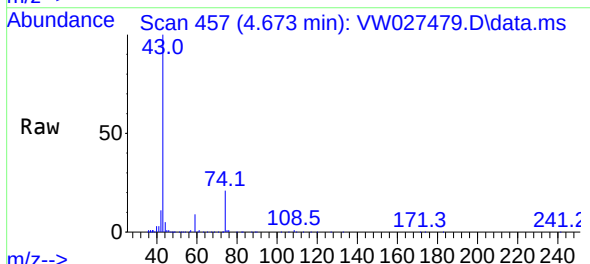


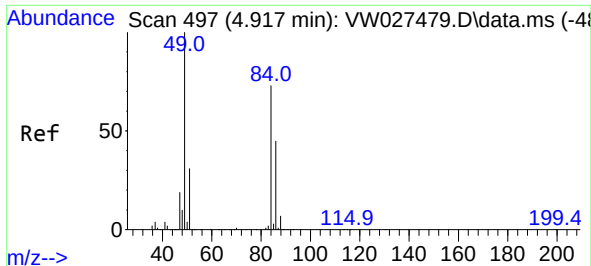
Tgt Ion: 76 Resp: 327974
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#15
Methyl Acetate
Concen: 23.072 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 43 Resp: 62841
Ion Ratio Lower Upper
43 100
74 21.0 17.5 26.3

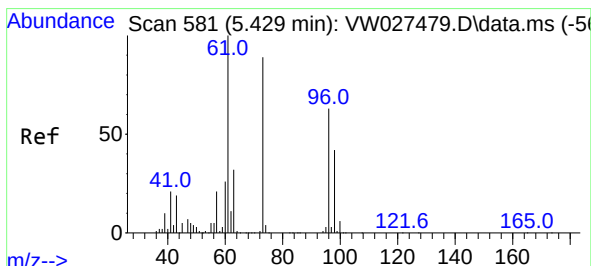
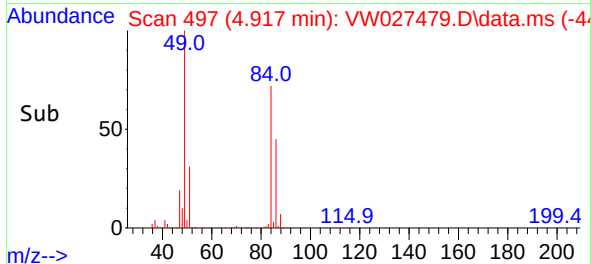
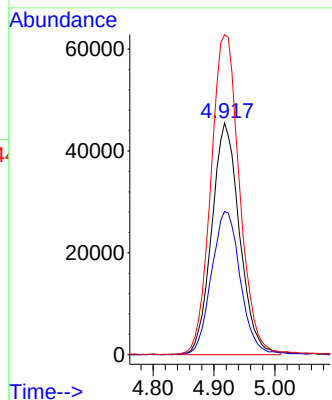
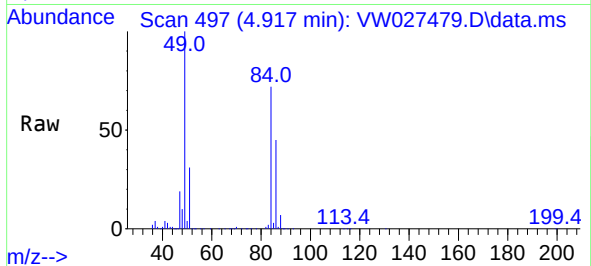




#16
Methylene chloride
Concen: 21.685 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

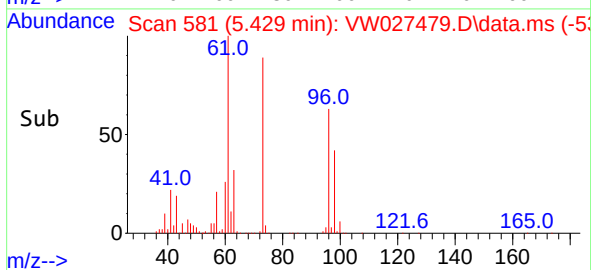
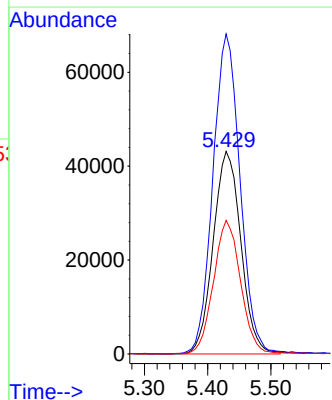
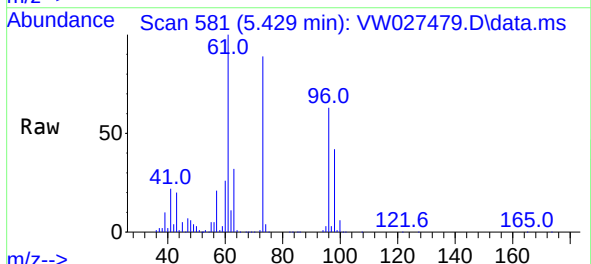
Instrument :
MSVOA_W
ClientSampleId :

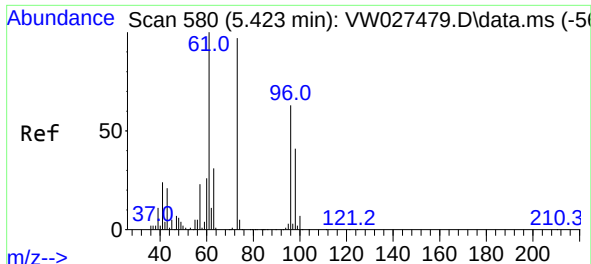
Tgt Ion: 84 Resp: 144481
Ion Ratio Lower Upper
84 100
86 61.8 41.3 76.7
49 138.1 92.8 172.4



#17
trans-1,2-Dichloroethene
Concen: 25.570 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 96 Resp: 131165
Ion Ratio Lower Upper
96 100
61 158.0 105.6 196.0
98 65.9 45.0 83.6

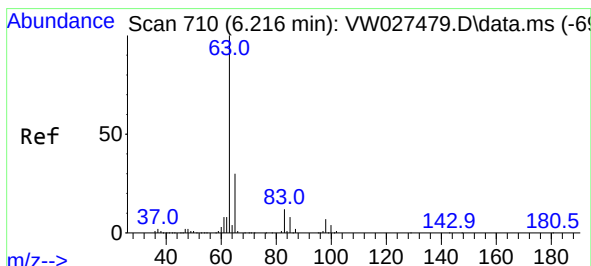
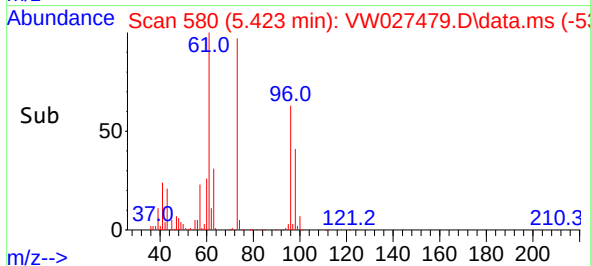
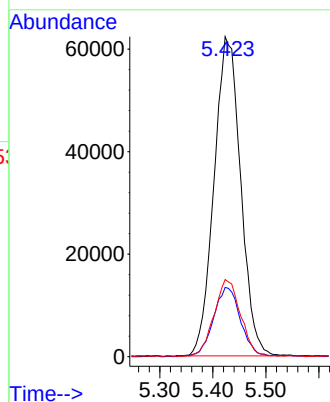
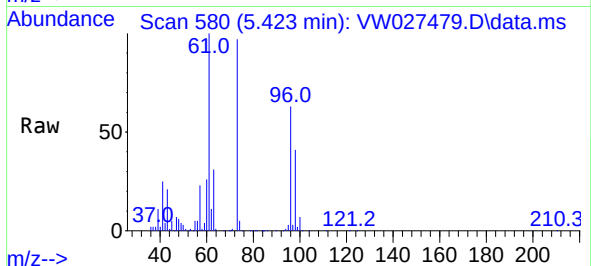




#18
Methyl tert-butyl Ether
Concen: 24.507 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

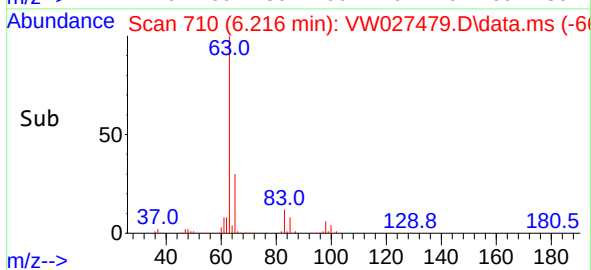
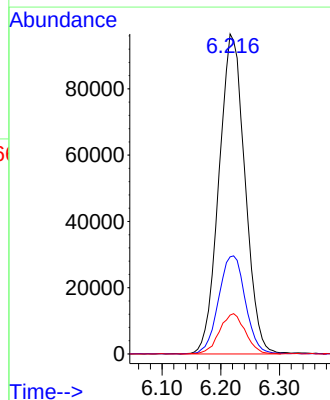
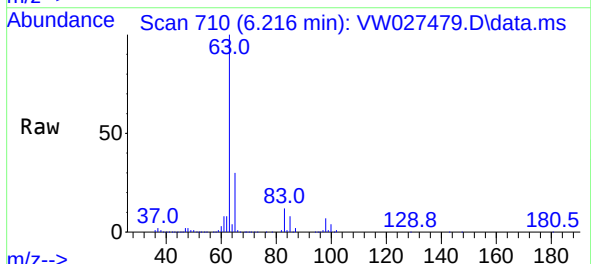
Instrument :
MSVOA_W
ClientSampleId :

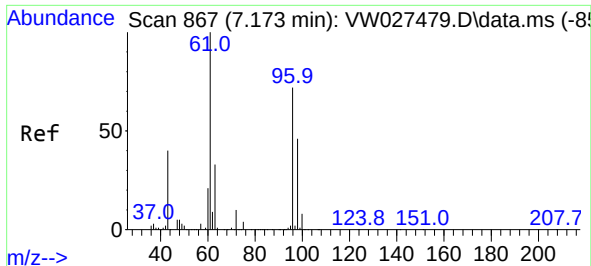
Tgt Ion: 73 Resp: 216890
Ion Ratio Lower Upper
73 100
43 22.2 17.7 26.5
57 24.1 18.5 27.7



#19
1,1-Dichloroethane
Concen: 28.326 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 63 Resp: 296453
Ion Ratio Lower Upper
63 100
65 30.3 22.9 42.5
83 12.1 9.6 17.8

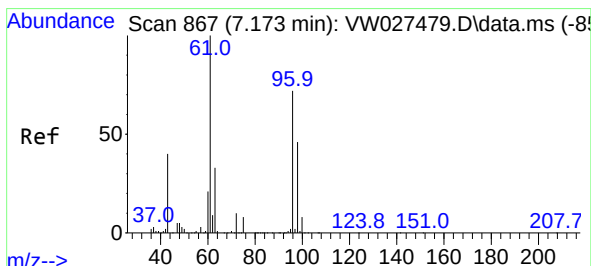
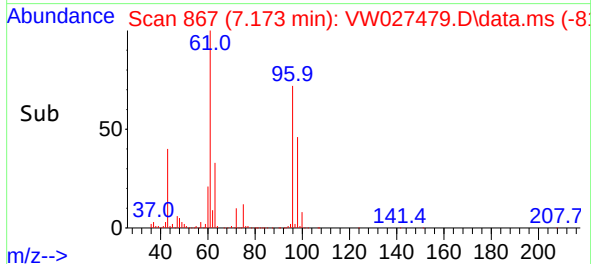
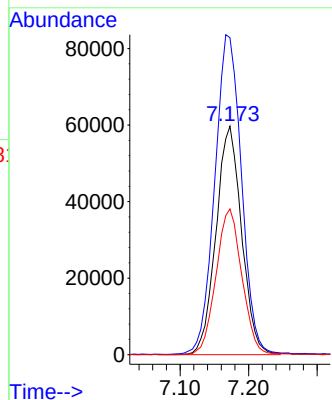
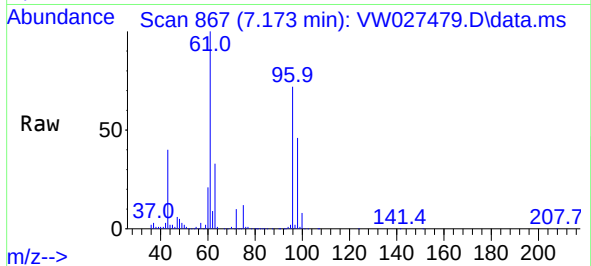




#20
cis-1,2-Dichloroethene
Concen: 26.731 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

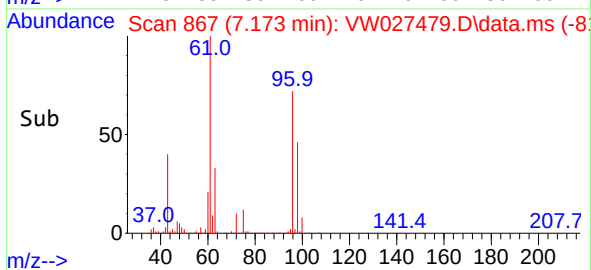
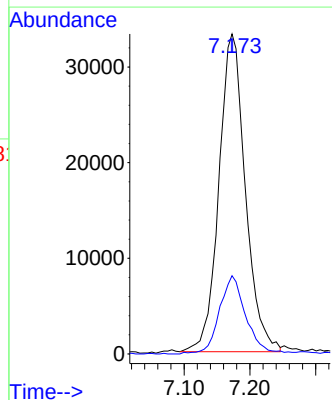
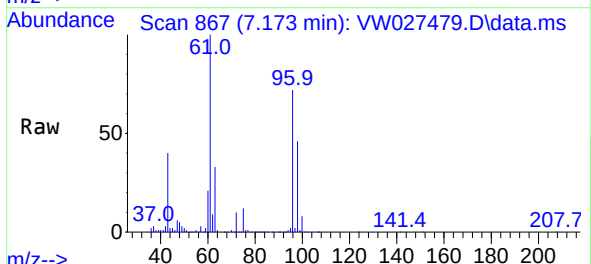
Instrument :
MSVOA_W
ClientSampleId :

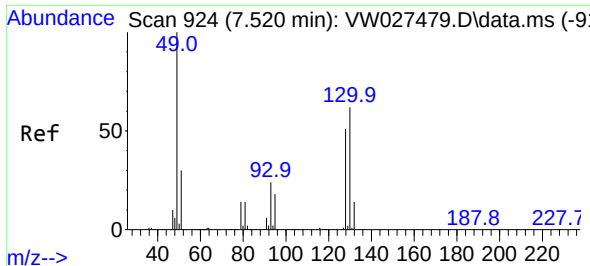
Tgt Ion: 96 Resp: 154851
Ion Ratio Lower Upper
96 100
61 138.7 96.2 178.8
98 63.8 46.0 85.4



#22
2-Butanone
Concen: 38.953 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 43 Resp: 92979
Ion Ratio Lower Upper
43 100
72 24.0 12.3 36.8

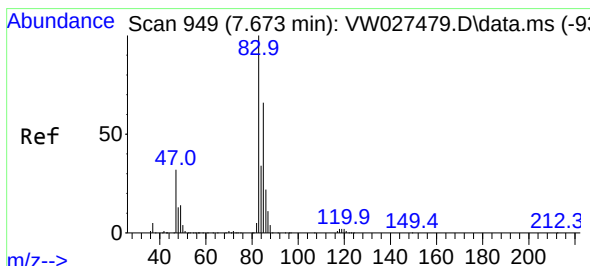
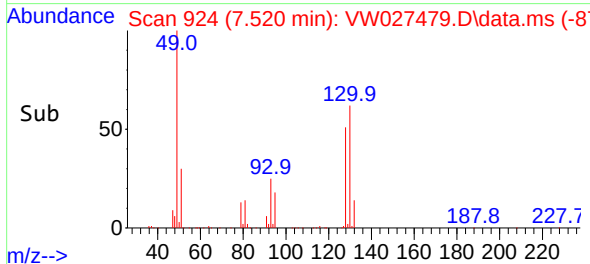
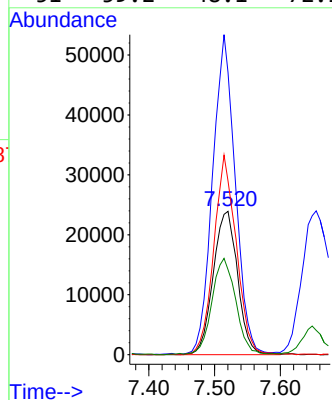
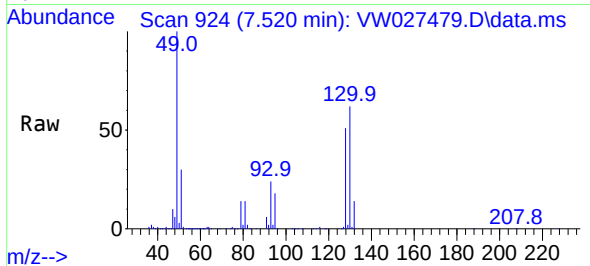




#23
Bromochloromethane
Concen: 25.820 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

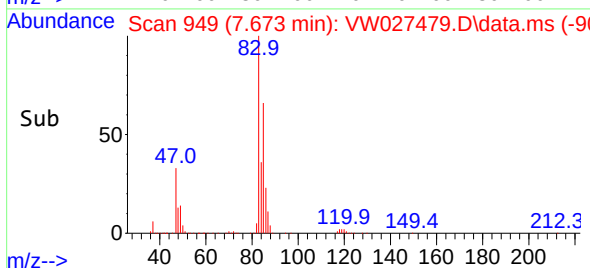
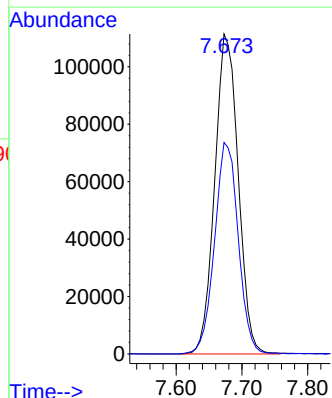
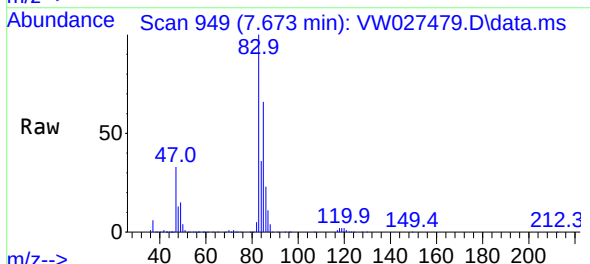
Instrument :
MSVOA_W
ClientSampleId :

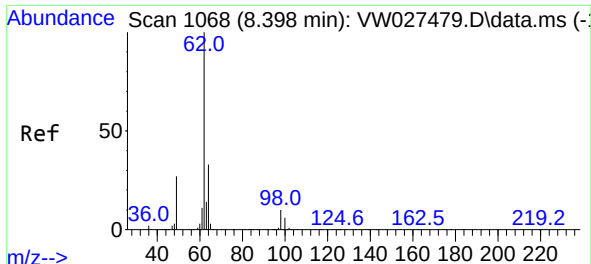
Tgt Ion:128 Resp: 61751
Ion Ratio Lower Upper
128 100
49 196.7 128.9 239.5
130 121.1 85.0 157.8
51 59.2 48.1 72.1



#25
Chloroform
Concen: 28.257 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 83 Resp: 276780
Ion Ratio Lower Upper
83 100
85 66.1 44.1 81.9





#27

1,2-Dichloroethane

Concen: 26.704 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Instrument :

MSVOA_W

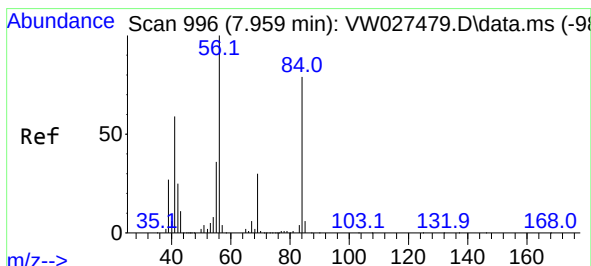
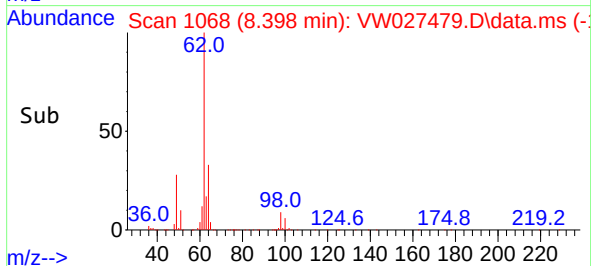
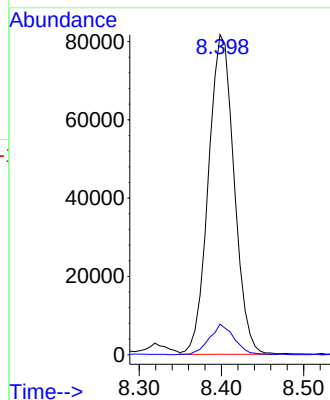
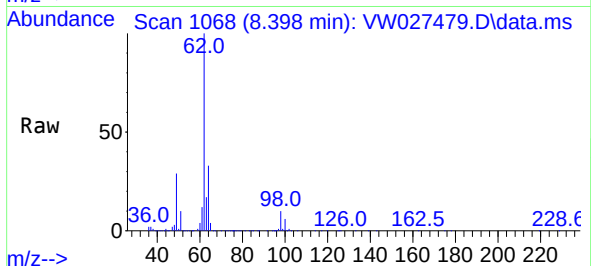
ClientSampleId :

Tgt Ion: 62 Resp: 177681

Ion Ratio Lower Upper

62 100

98 9.6 7.5 11.3



#29

Cyclohexane

Concen: 24.358 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

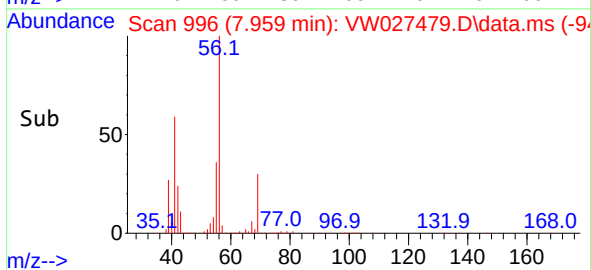
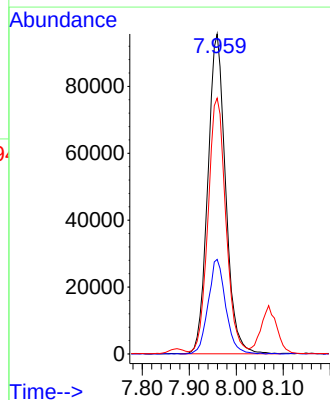
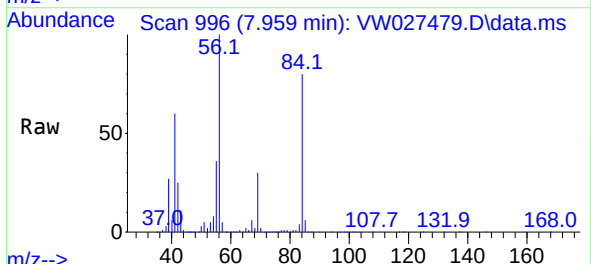
Tgt Ion: 56 Resp: 250600

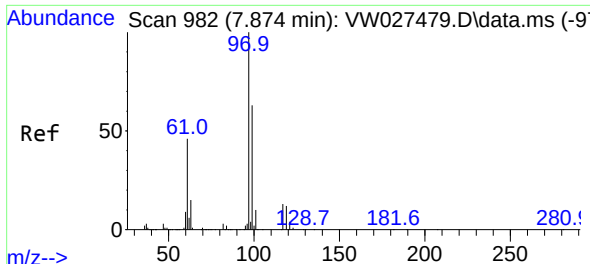
Ion Ratio Lower Upper

56 100

69 29.2 24.2 36.4

84 80.6 65.1 97.7





#30

1,1,1-Trichloroethane

Concen: 27.278 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

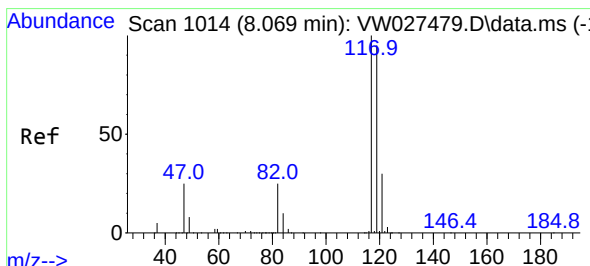
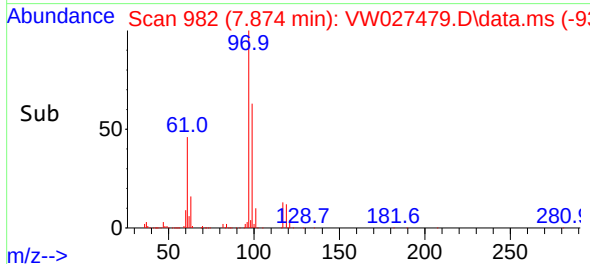
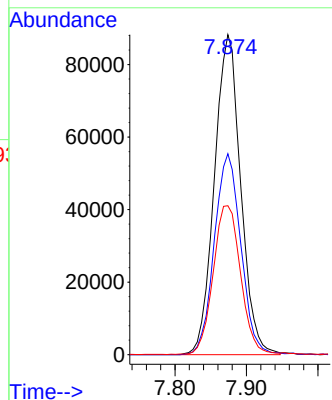
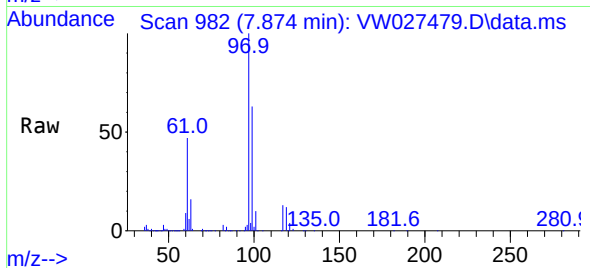
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 225464

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.0
61	48.6	37.4	56.0



#31

Carbon tetrachloride

Concen: 26.463 ug/L

RT: 8.069 min Scan# 1014

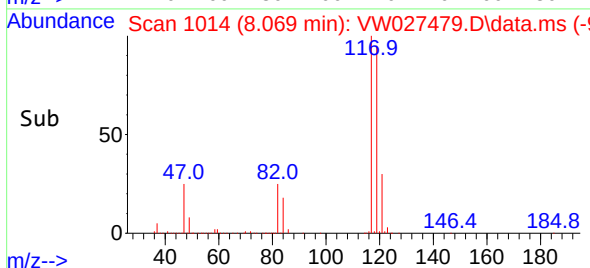
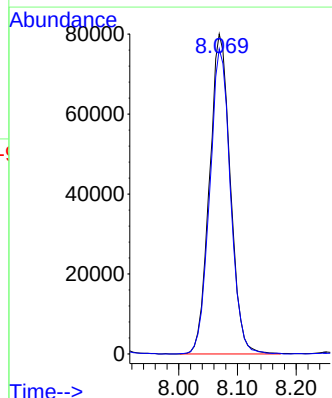
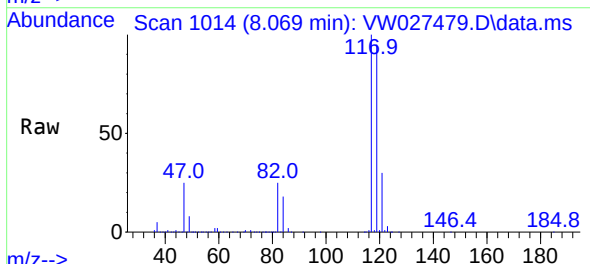
Delta R.T. -0.000 min

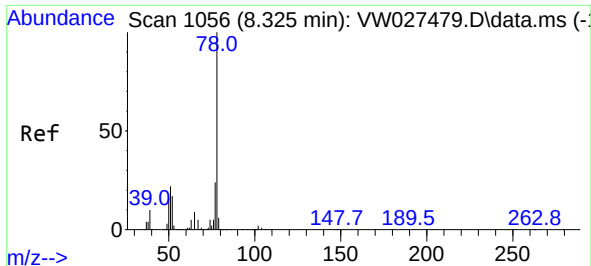
Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Tgt Ion: 117 Resp: 197225

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.1	115.7

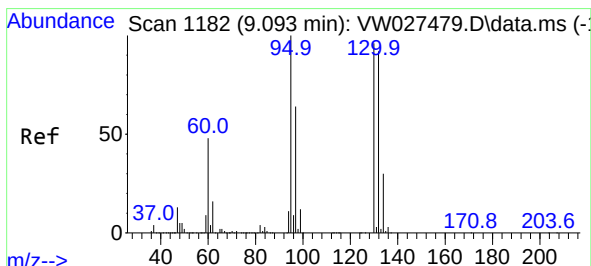
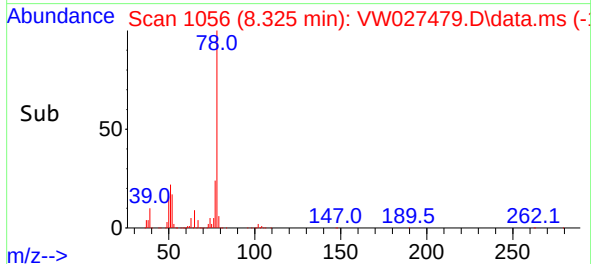
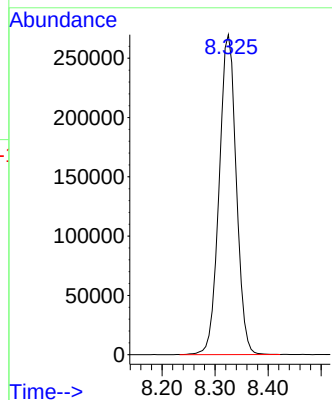
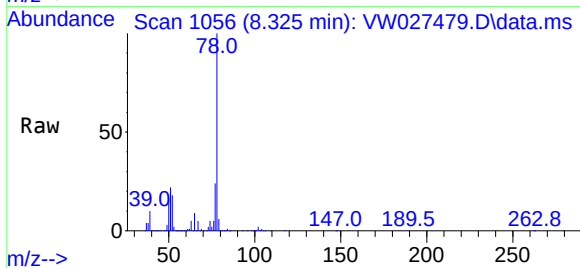




#33
Benzene
Concen: 27.358 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Instrument : MSVOA_W
ClientSampleId :

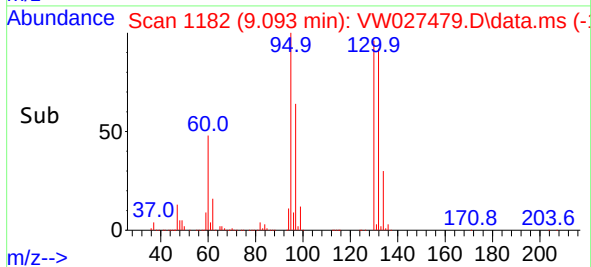
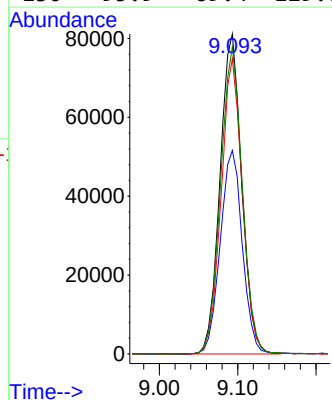
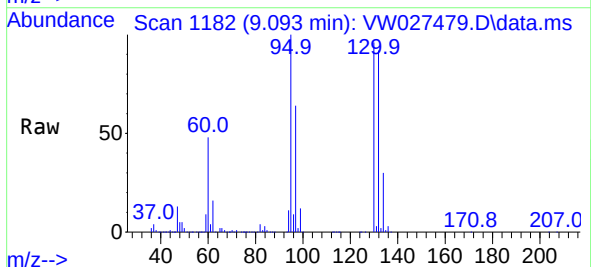
Tgt Ion: 78 Resp: 605836

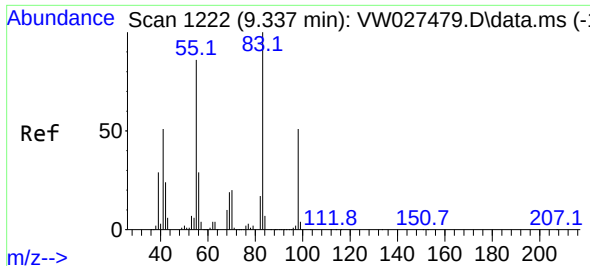


#34
Trichloroethene
Concen: 26.660 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 95 Resp: 155947

Ion	Ratio	Lower	Upper
95	100		
97	63.6	43.4	80.6
132	92.3	67.6	125.6
130	95.9	69.4	129.0





#35

Methylcyclohexane

Concen: 24.509 ug/L

RT: 9.337 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

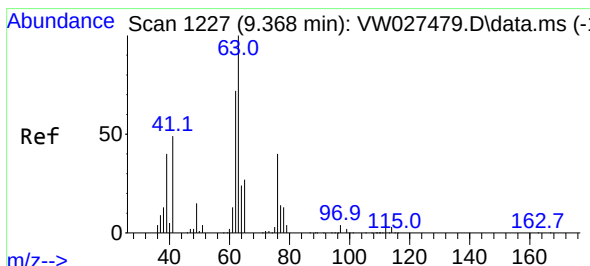
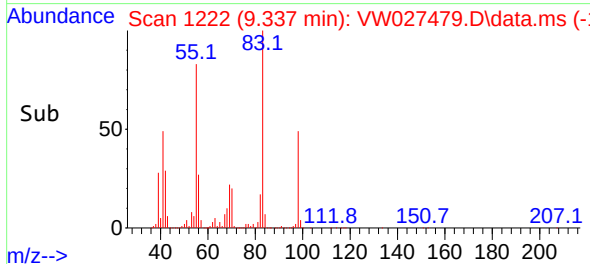
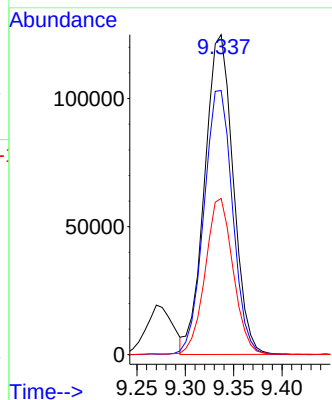
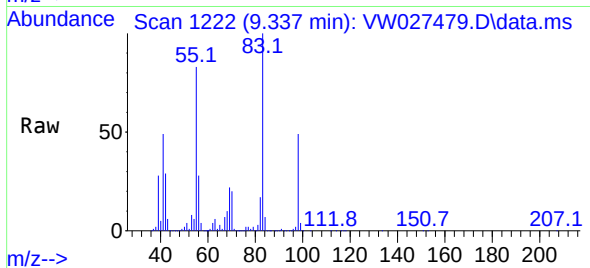
Tgt Ion: 83 Resp: 256383

Ion Ratio Lower Upper

83 100

55 83.1 65.8 98.8

98 48.1 38.1 57.1



#37

1,2-Dichloropropane

Concen: 27.905 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027479.D

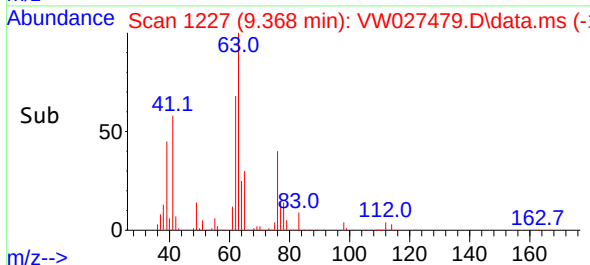
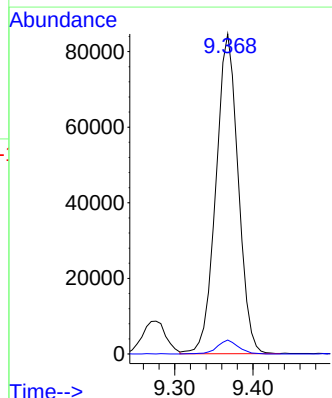
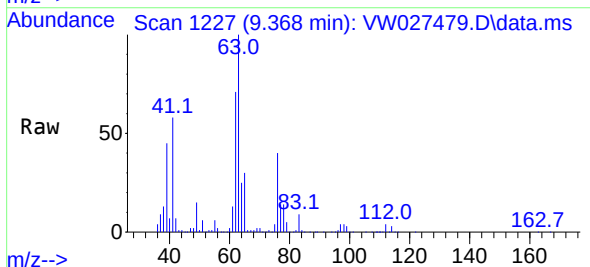
Acq: 31 Oct 2023 09:47

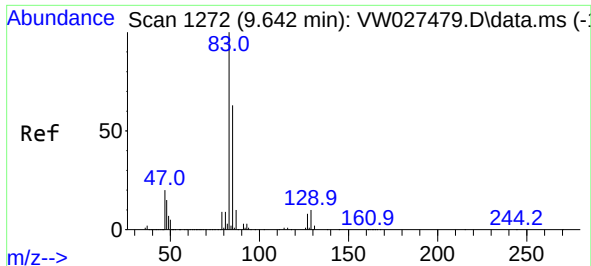
Tgt Ion: 63 Resp: 167087

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3

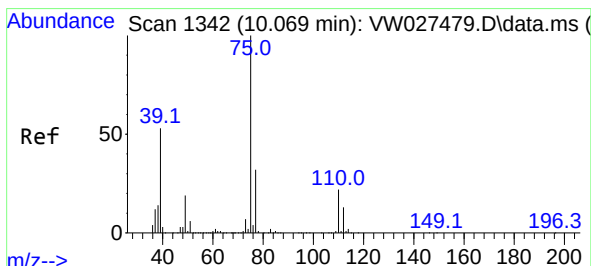
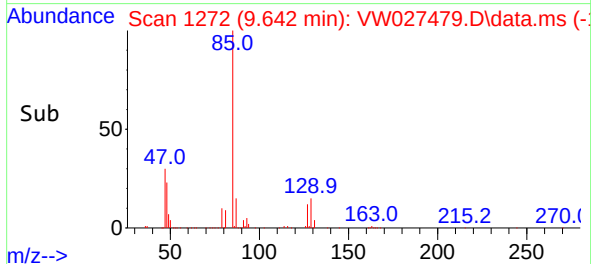
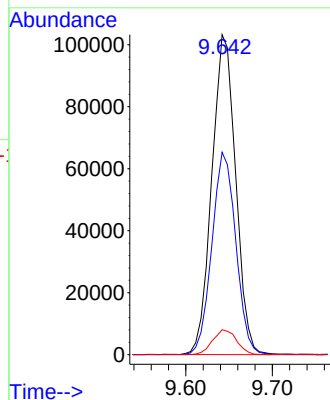
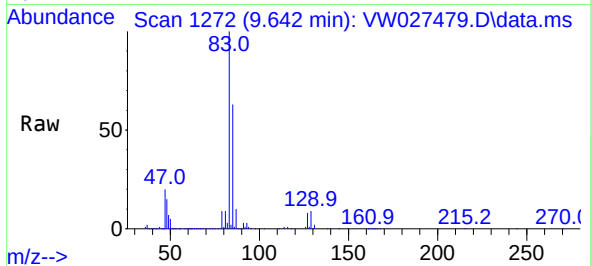




#38
Bromodichloromethane
Concen: 26.795 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

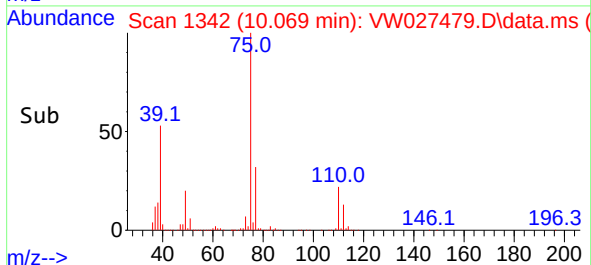
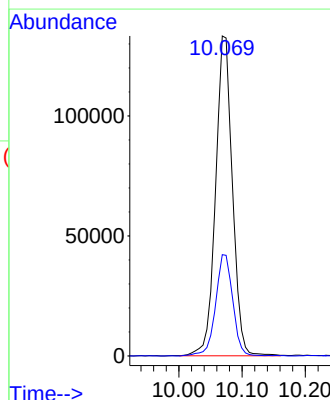
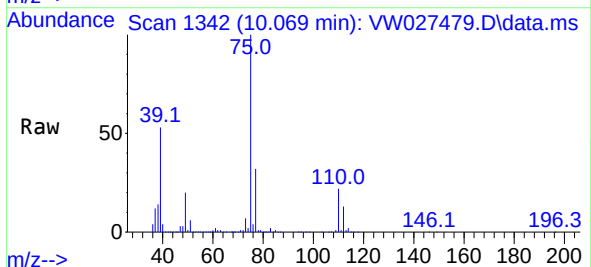
Instrument :
MSVOA_W
ClientSampleId :

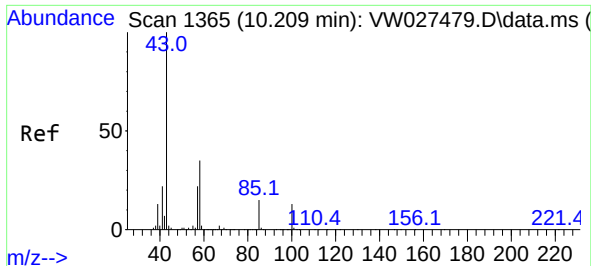
Tgt Ion: 83 Resp: 197279
Ion Ratio Lower Upper
83 100
85 63.2 43.9 81.5
127 7.8 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 24.864 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 75 Resp: 245931
Ion Ratio Lower Upper
75 100
77 31.7 21.9 40.7

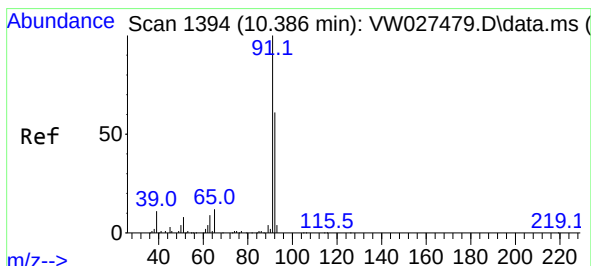
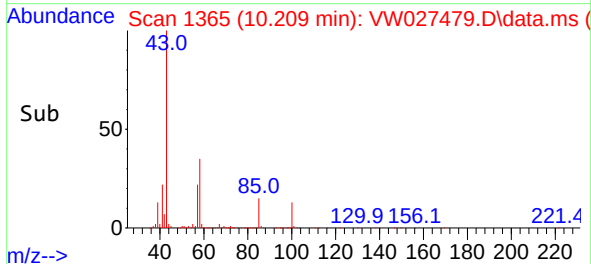
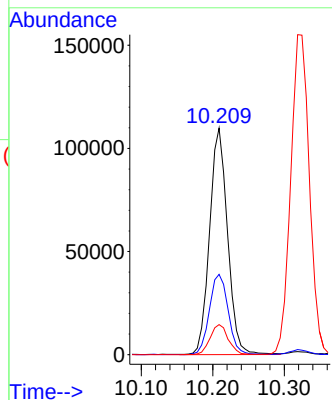
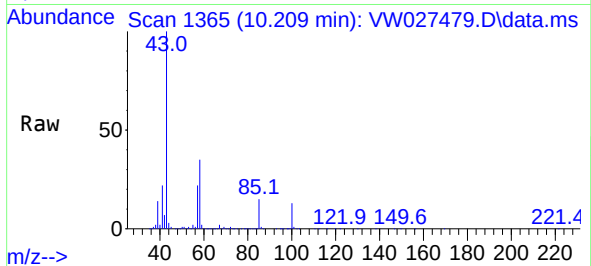




#40
4-Methyl-2-pentanone
Concen: 46.606 ug/L
RT: 10.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

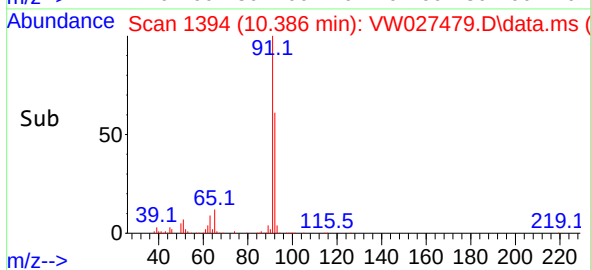
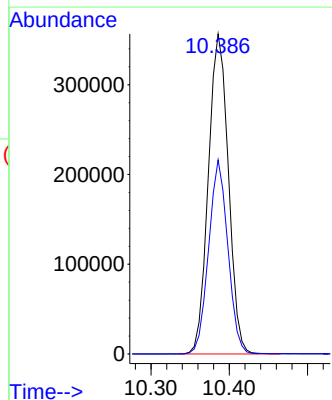
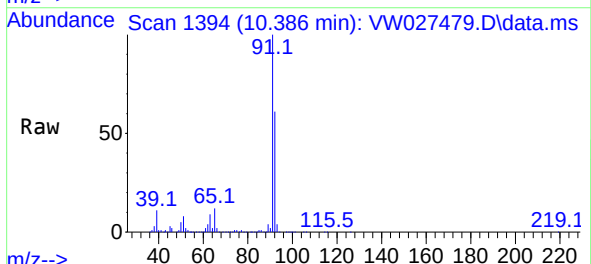
Instrument :
MSVOA_W
ClientSampleId :

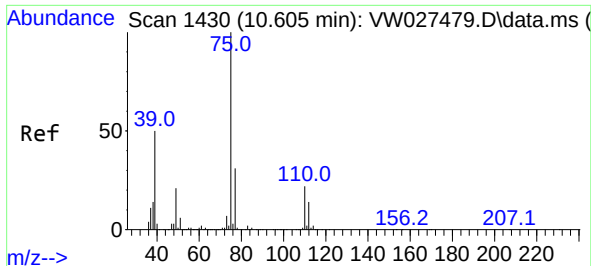
Tgt Ion: 43 Resp: 191914
Ion Ratio Lower Upper
43 100
58 37.2 30.5 45.7
100 13.4 11.5 17.3



#42
Toluene
Concen: 27.278 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 91 Resp: 633690
Ion Ratio Lower Upper
91 100
92 60.6 42.1 78.1

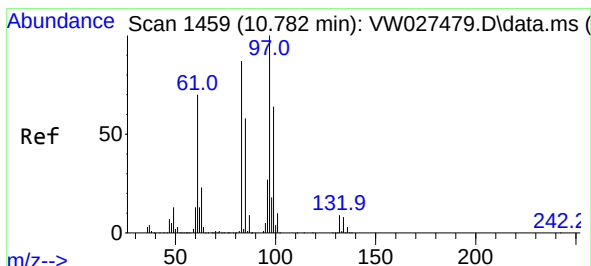
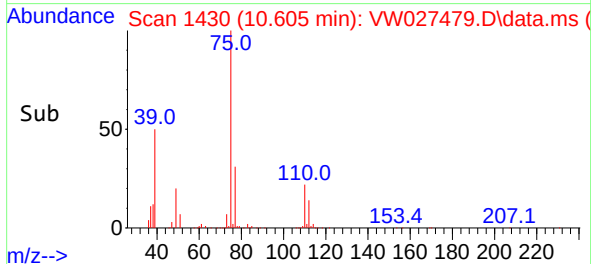
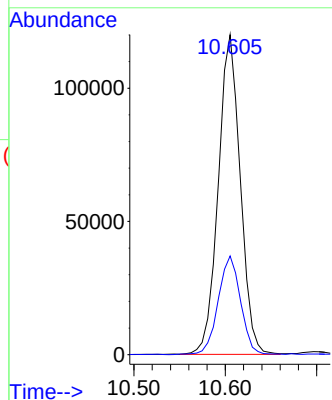
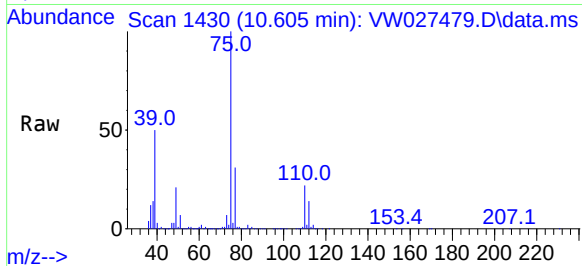




#44
trans-1,3-Dichloropropene
Concen: 24.111 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

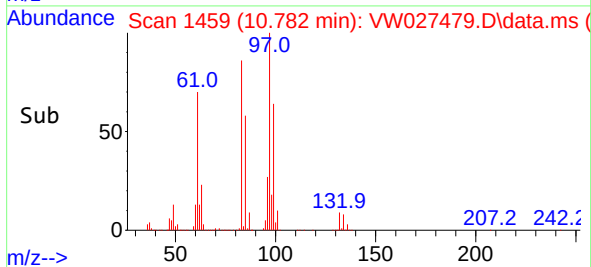
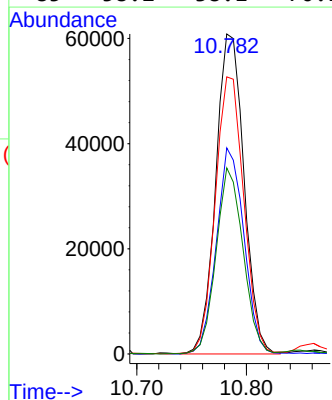
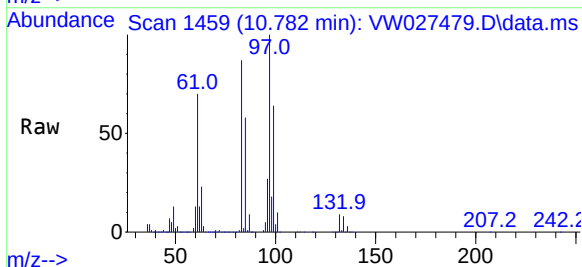
Instrument :
MSVOA_W
ClientSampleId :

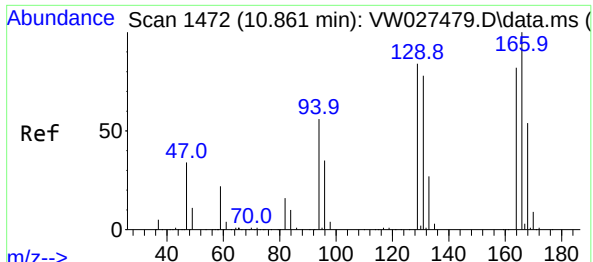
Tgt Ion: 75 Resp: 201224
Ion Ratio Lower Upper
75 100
77 30.9 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 26.458 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

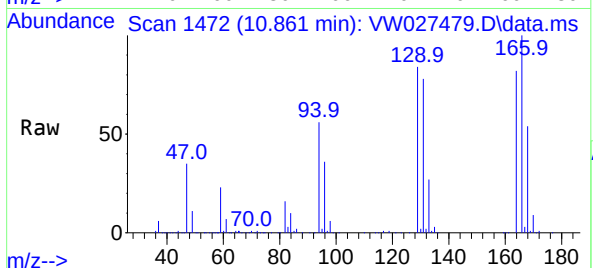
Tgt Ion: 97 Resp: 109017
Ion Ratio Lower Upper
97 100
99 64.4 43.8 81.4
83 86.6 57.5 106.7
85 58.2 38.1 70.9



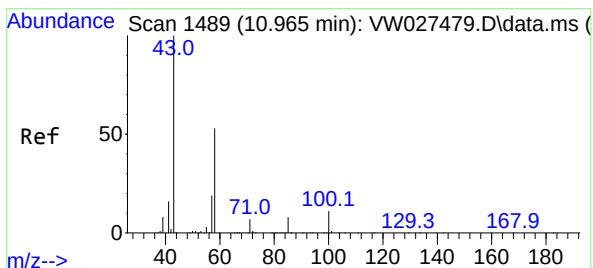
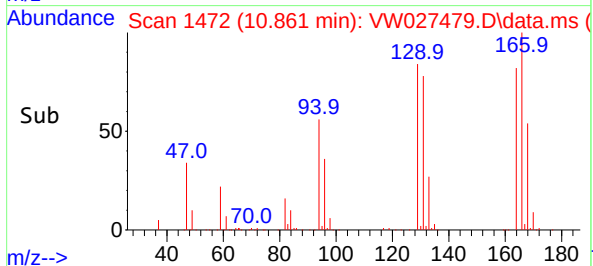
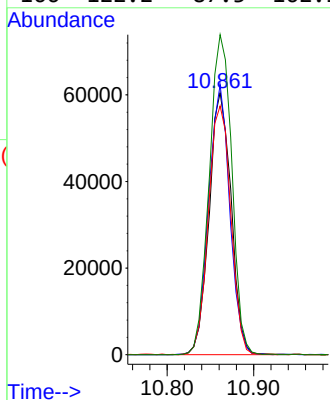


#46
Tetrachloroethene
Concen: 26.394 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :

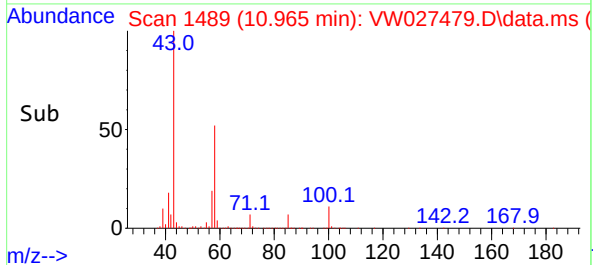
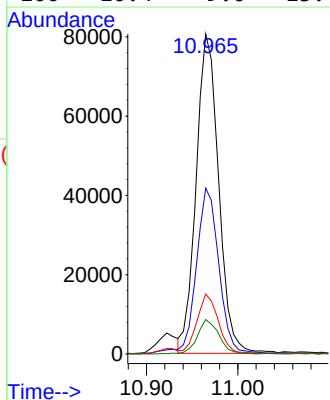
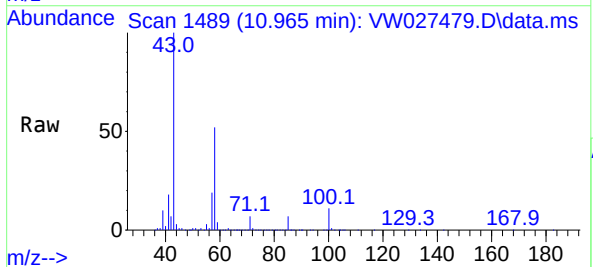


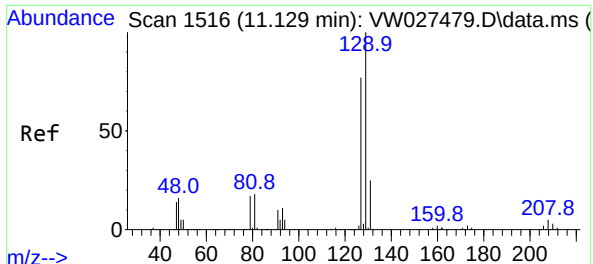
Tgt Ion:164 Resp: 106605
Ion Ratio Lower Upper
164 100
129 103.1 74.7 138.7
131 95.0 73.2 136.0
166 122.2 87.3 162.1



#48
2-Hexanone
Concen: 45.357 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 43 Resp: 138237
Ion Ratio Lower Upper
43 100
58 51.1 42.2 63.4
57 18.0 15.1 22.7
100 10.4 9.0 13.4





#49

Dibromochloromethane

Concen: 24.577 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Instrument :

MSVOA_W

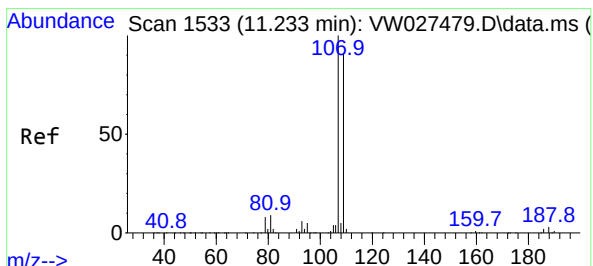
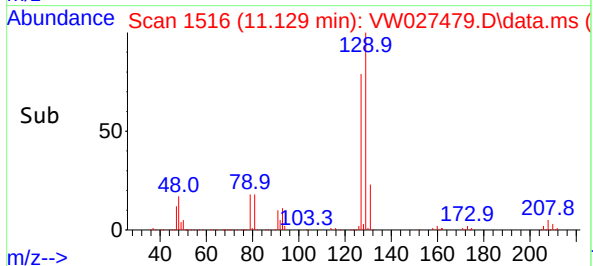
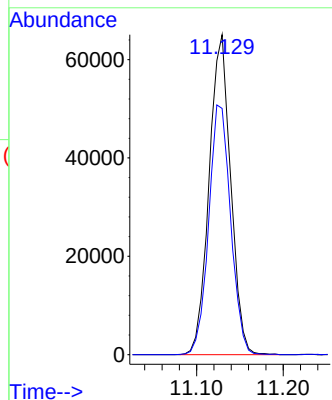
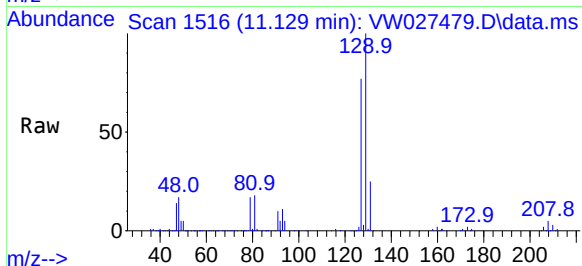
ClientSampleId :

Tgt Ion:129 Resp: 112460

Ion Ratio Lower Upper

129 100

127 77.0 51.7 95.9



#50

1,2-Dibromoethane

Concen: 24.718 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

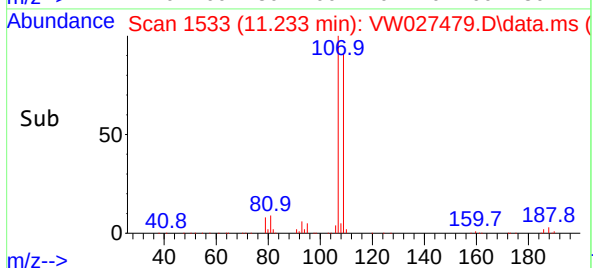
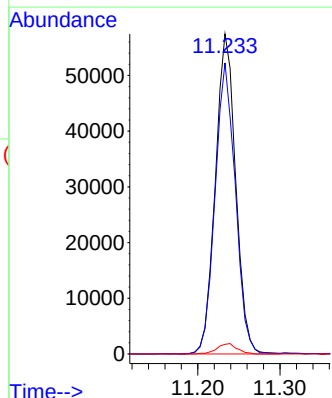
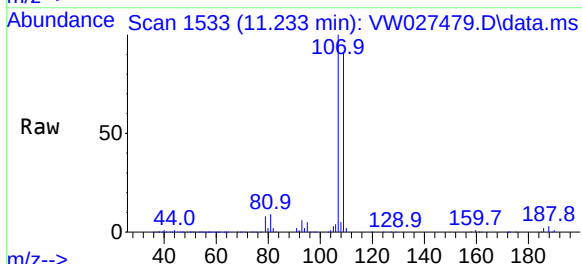
Tgt Ion:107 Resp: 98743

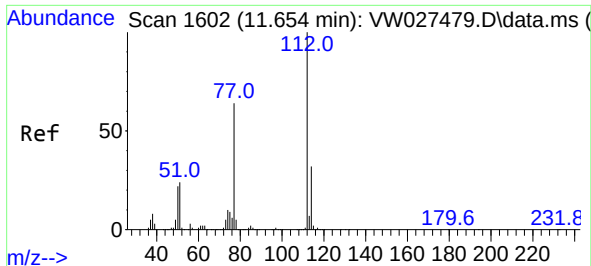
Ion Ratio Lower Upper

107 100

109 90.9 66.3 123.1

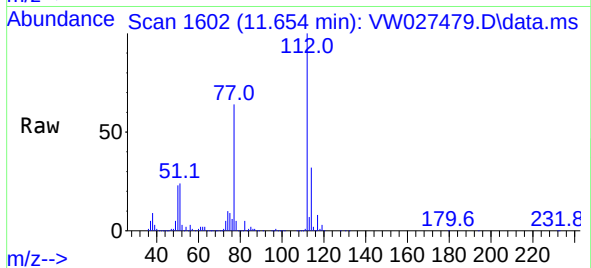
188 3.0 3.0 4.4



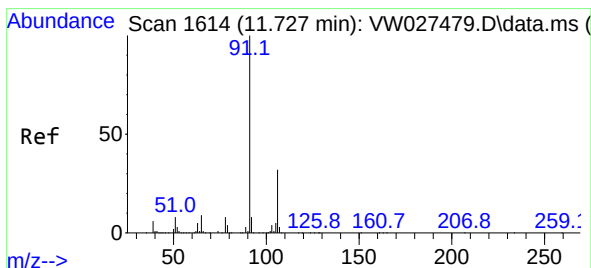
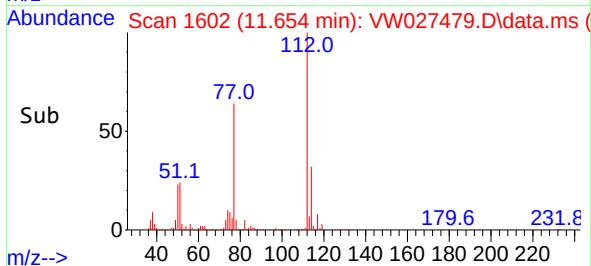
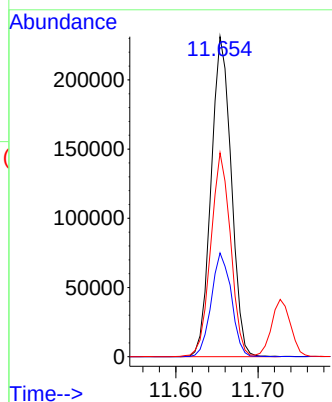


#51
Chlorobenzene
Concen: 27.012 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Instrument :
MSVOA_W
ClientSampleId :

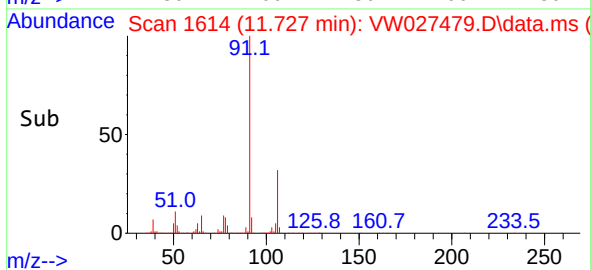
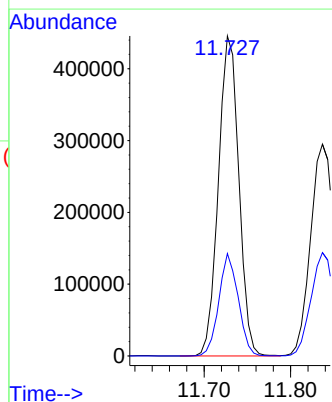
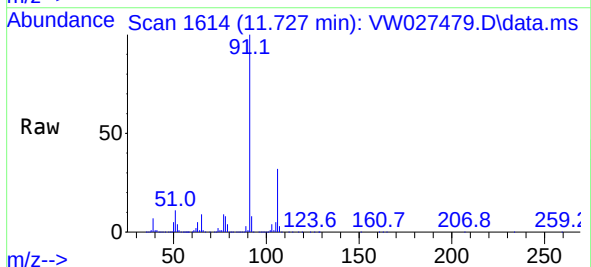


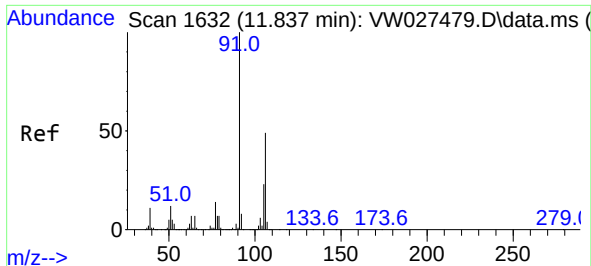
Tgt Ion:112 Resp: 392941
Ion Ratio Lower Upper
112 100
114 32.4 21.8 40.6
77 63.7 52.2 78.4



#52
Ethylbenzene
Concen: 27.056 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 91 Resp: 730377
Ion Ratio Lower Upper
91 100
106 32.0 19.8 36.8

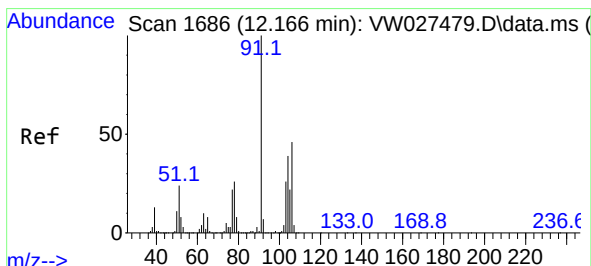
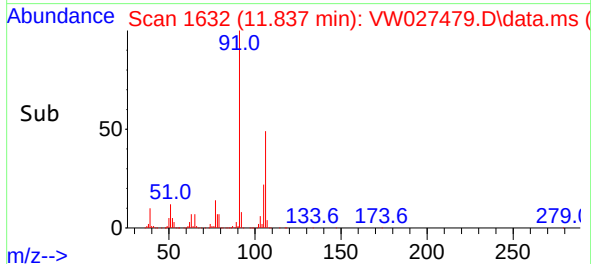
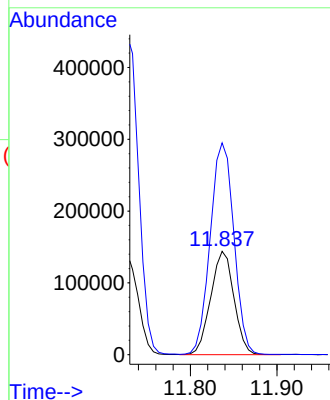
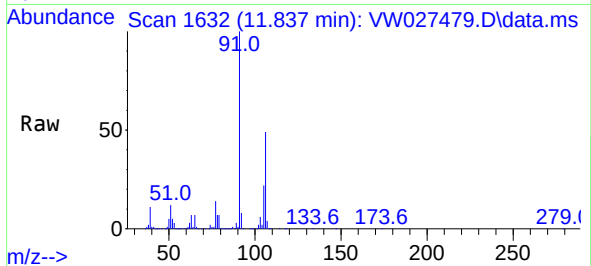




#53
m,p-Xylene
Concen: 26.225 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

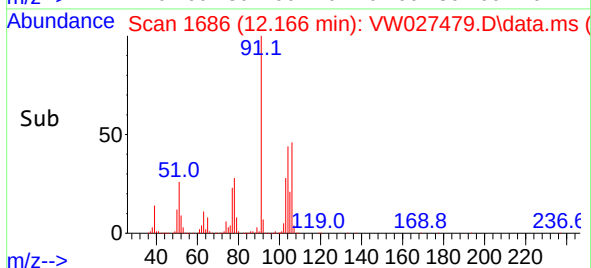
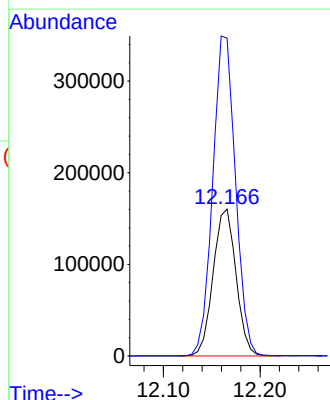
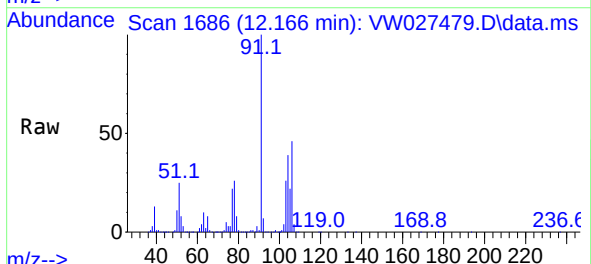
Instrument :
MSVOA_W
ClientSampleId :

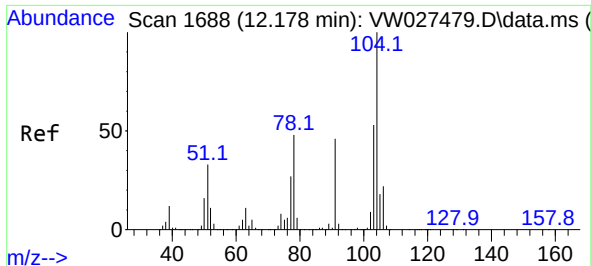
Tgt Ion:106 Resp: 268514
Ion Ratio Lower Upper
106 100
91 204.8 144.5 268.4



#54
o-Xylene
Concen: 26.862 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion:106 Resp: 263382
Ion Ratio Lower Upper
106 100
91 216.3 152.0 282.2

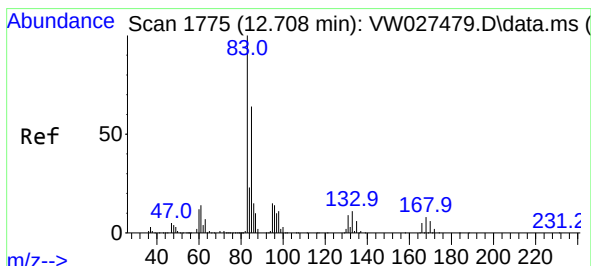
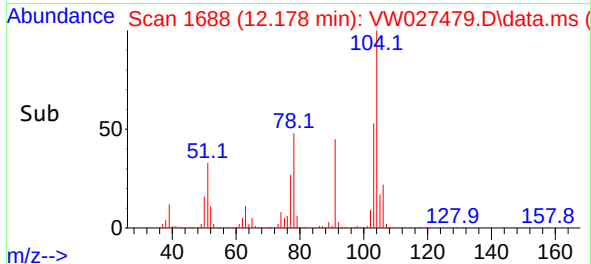
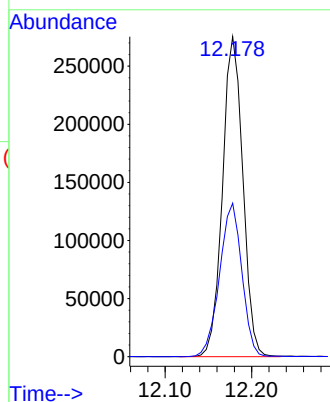
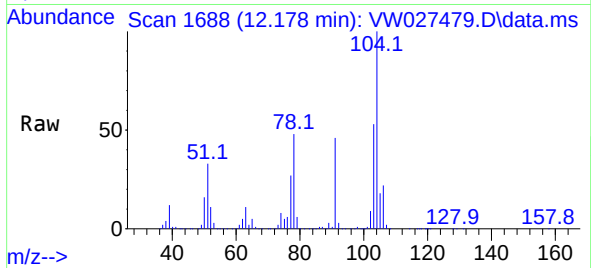




#55
Styrene
Concen: 26.854 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

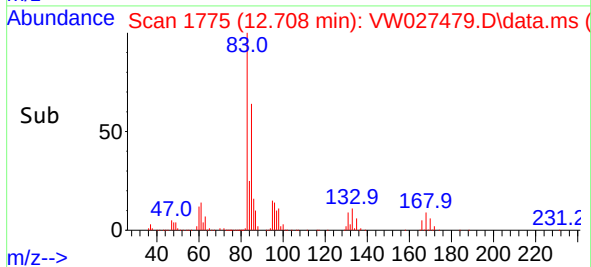
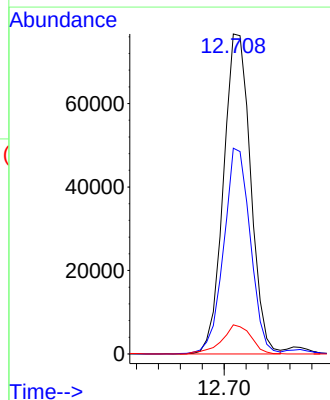
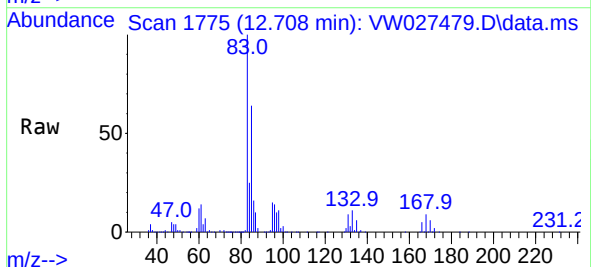
Instrument :
MSVOA_W
ClientSampleId :

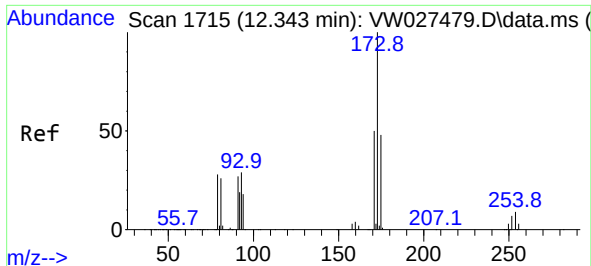
Tgt Ion:104 Resp: 449681
Ion Ratio Lower Upper
104 100
78 47.9 33.2 61.6



#57
1,1,2,2-Tetrachloroethane
Concen: 26.153 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027479.D
Acq: 31 Oct 2023 09:47

Tgt Ion: 83 Resp: 131545
Ion Ratio Lower Upper
83 100
85 64.3 43.2 80.2
131 9.1 7.2 10.8





#59

Bromoform

Concen: 21.657 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW027479.D

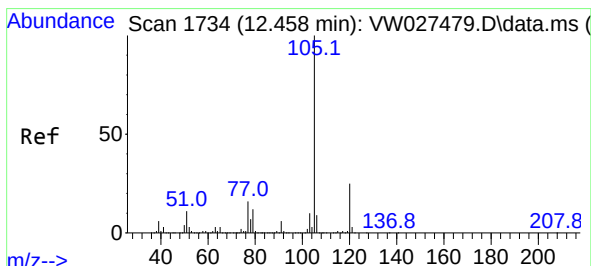
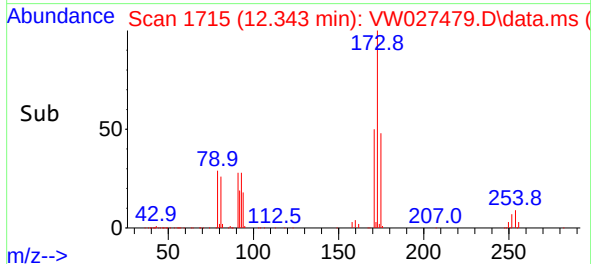
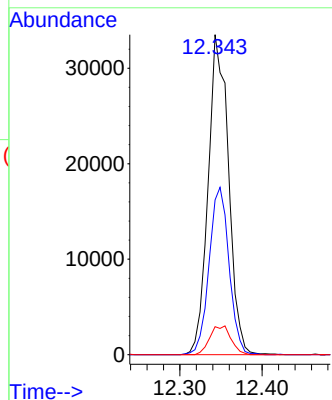
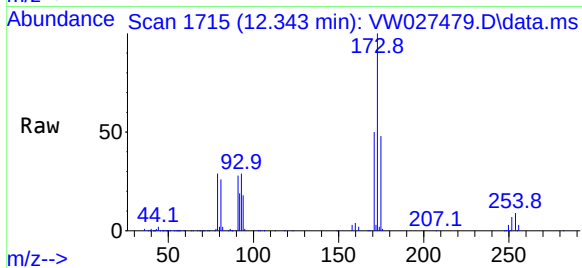
Acq: 31 Oct 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	57667
Ion Ratio	Lower	Upper	
173	100		
175	51.2	39.6	59.4
254	9.4	6.6	10.0



#60

Isopropylbenzene

Concen: 26.660 ug/L

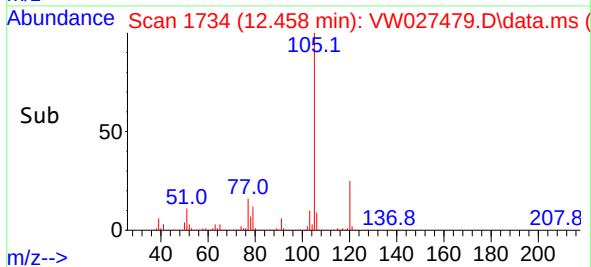
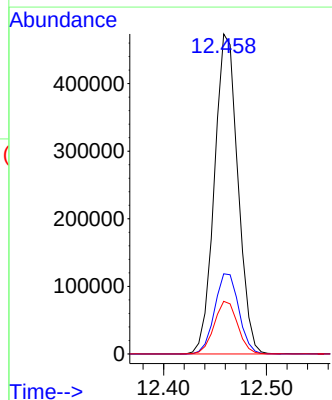
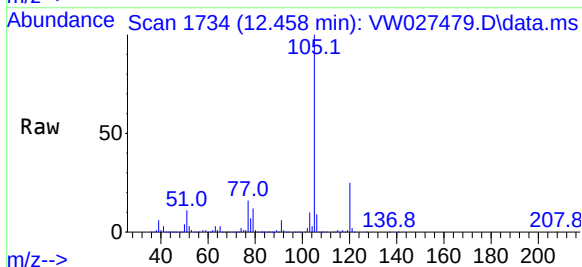
RT: 12.458 min Scan# 1734

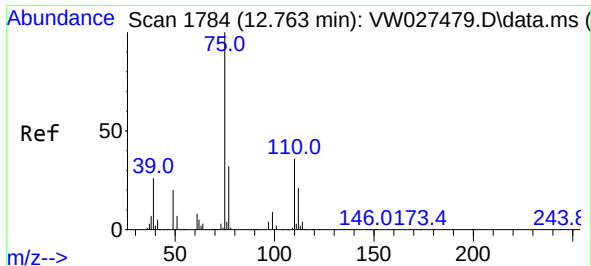
Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Tgt Ion:	105	Resp:	749425
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.1	30.1
77	16.5	12.9	19.3





#61

1,2,3-Trichloropropane

Concen: 23.854 ug/L

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

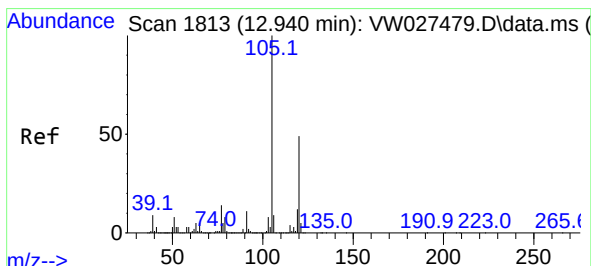
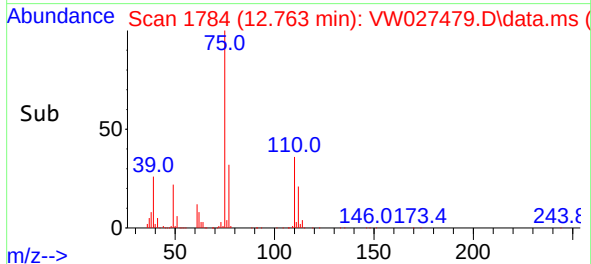
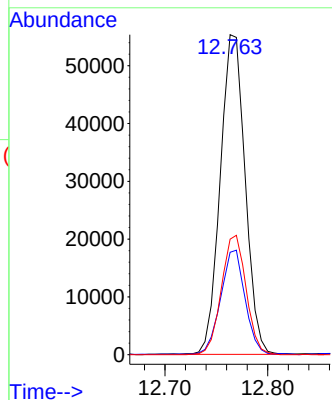
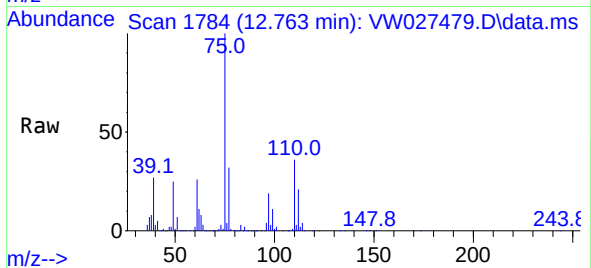
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75 Resp: 93203

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0
110	37.0	29.7	44.5



#62

1,3,5-Trimethylbenzene

Concen: 26.002 ug/L

RT: 12.940 min Scan# 1813

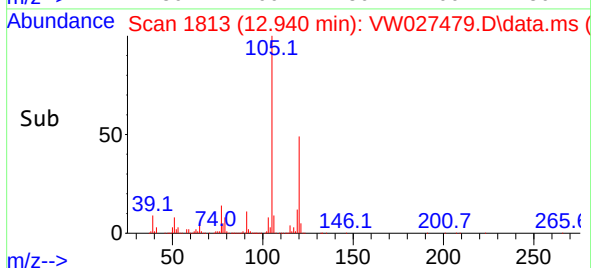
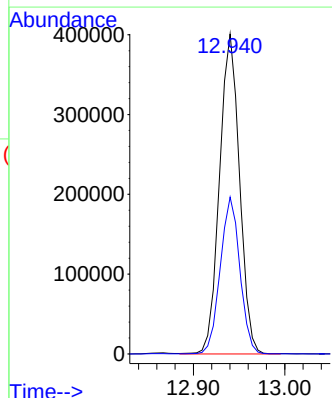
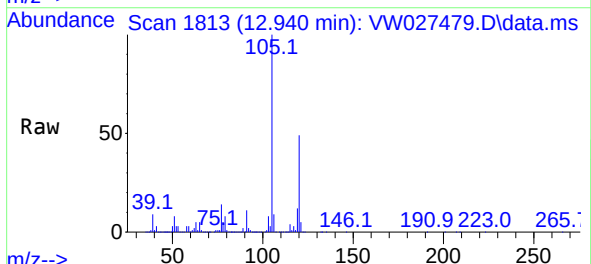
Delta R.T. -0.000 min

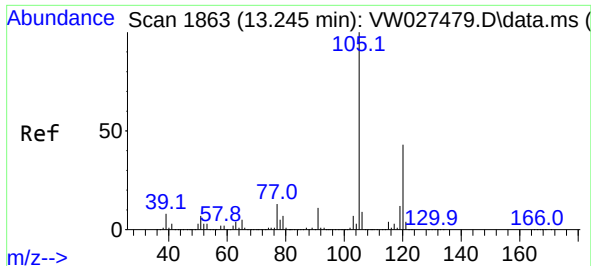
Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Tgt Ion: 105 Resp: 609707

Ion	Ratio	Lower	Upper
105	100		
120	48.0	38.8	58.2





#63

1,2,4-Trimethylbenzene

Concen: 26.275 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Instrument :

MSVOA_W

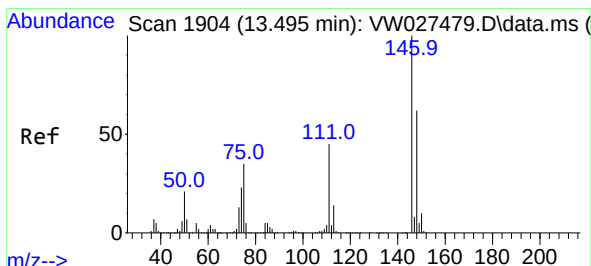
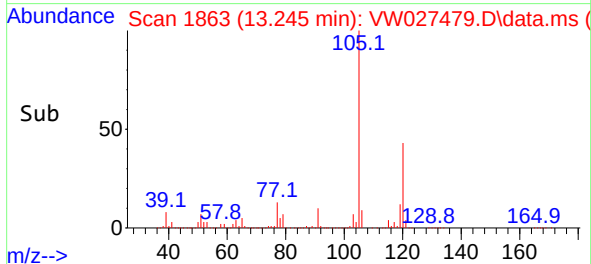
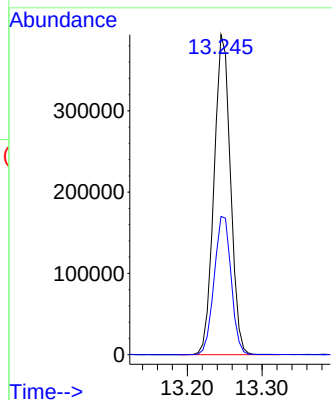
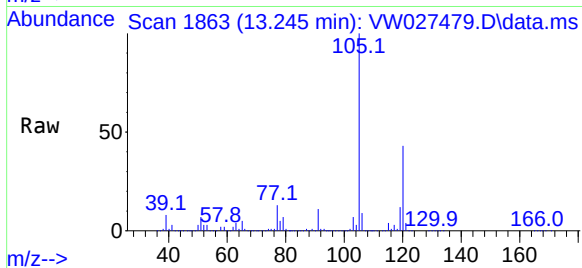
ClientSampleId :

Tgt Ion:105 Resp: 602814

Ion Ratio Lower Upper

105 100

120 44.6 35.4 53.2



#64

1,3-Dichlorobenzene

Concen: 26.706 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

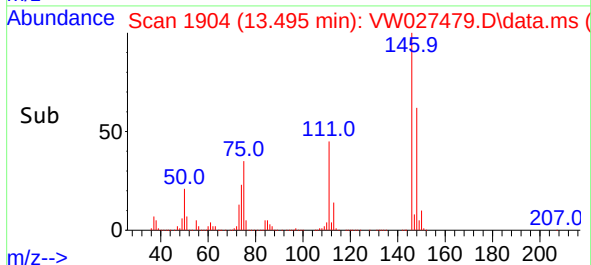
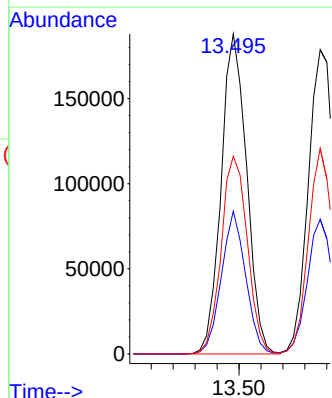
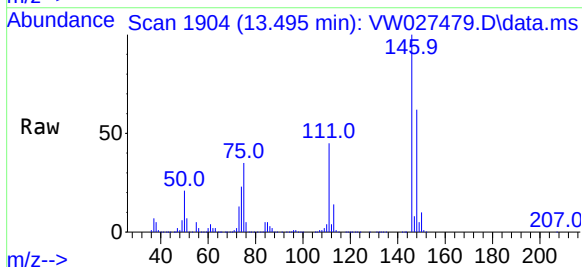
Tgt Ion:146 Resp: 304428

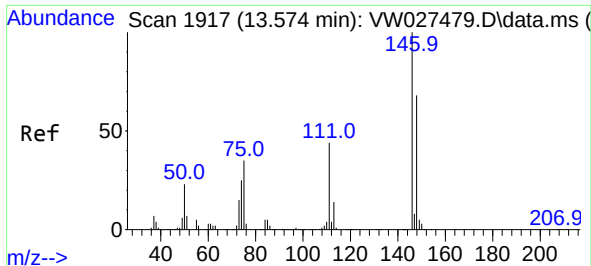
Ion Ratio Lower Upper

146 100

111 44.6 30.8 57.2

148 61.8 46.3 85.9





#65

1,4-Dichlorobenzene

Concen: 26.090 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

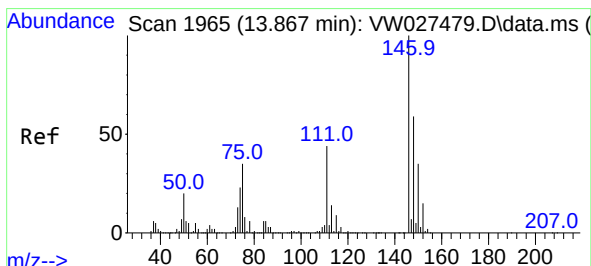
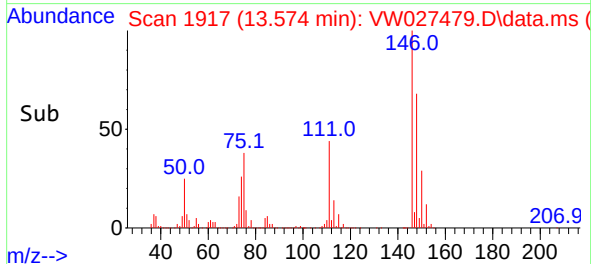
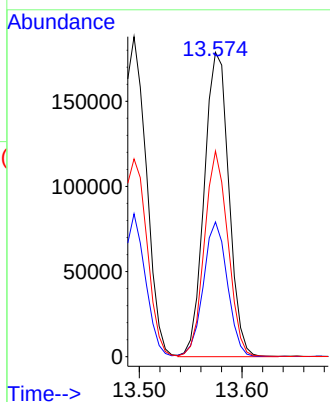
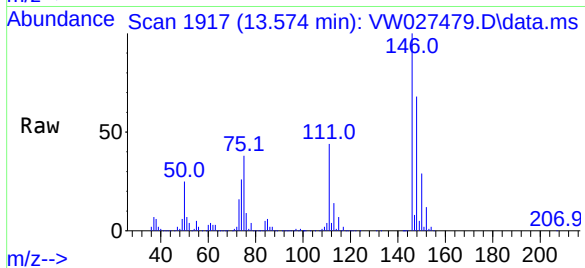
Tgt Ion:146 Resp: 297012

Ion Ratio Lower Upper

146 100

111 44.3 29.5 54.9

148 67.6 43.0 79.8



#67

1,2-Dichlorobenzene

Concen: 25.765 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

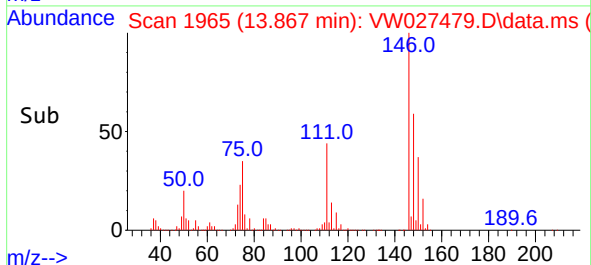
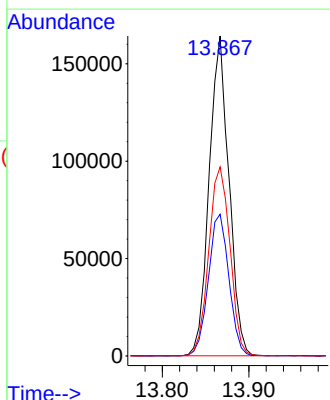
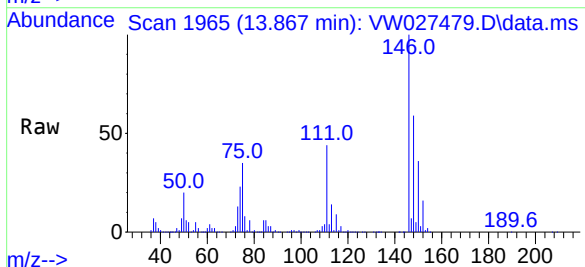
Tgt Ion:146 Resp: 260624

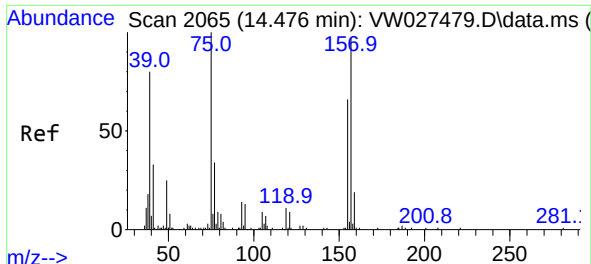
Ion Ratio Lower Upper

146 100

111 44.3 36.8 55.2

148 59.1 52.3 78.5





#68

1,2-Dibromo-3-chloropropane

Concen: 19.962 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

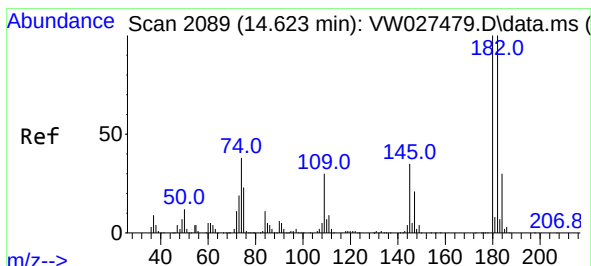
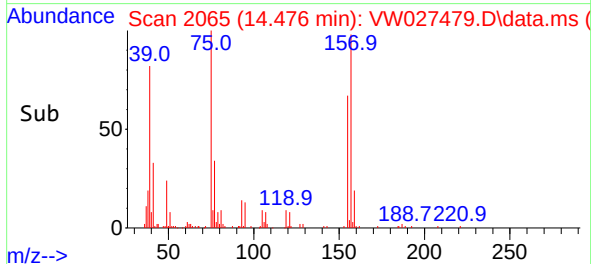
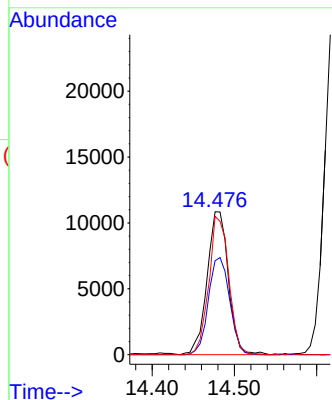
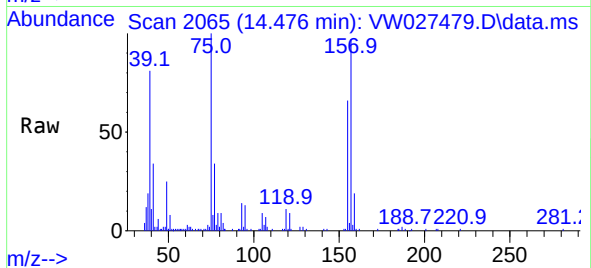
Tgt Ion: 75 Resp: 19493

Ion Ratio Lower Upper

75 100

155 65.7 54.9 82.3

157 96.9 64.7 97.1



#69

1,3,5-Trichlorobenzene

Concen: 26.226 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Tgt Ion:180 Resp: 194075

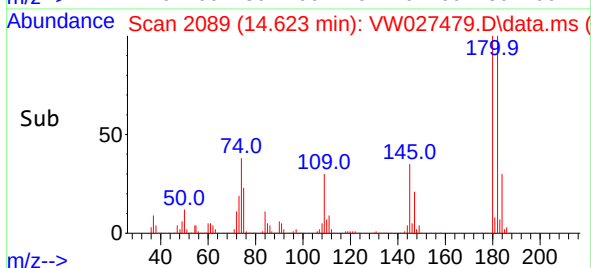
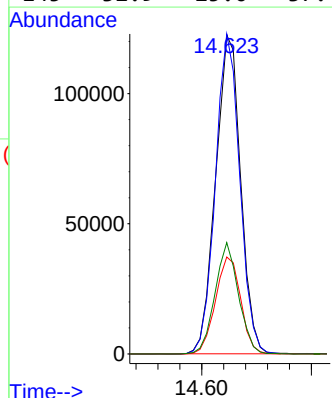
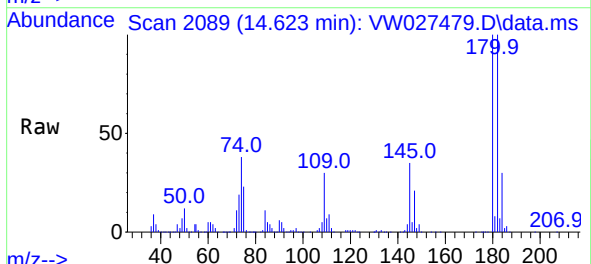
Ion Ratio Lower Upper

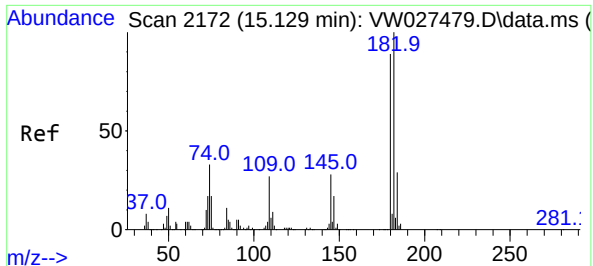
180 100

182 97.7 73.4 110.0

184 30.7 23.3 34.9

145 32.9 25.0 37.4





#70

1,2,4-trichlorobenzene

Concen: 25.199 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

Instrument :

MSVOA_W

ClientSampleId :

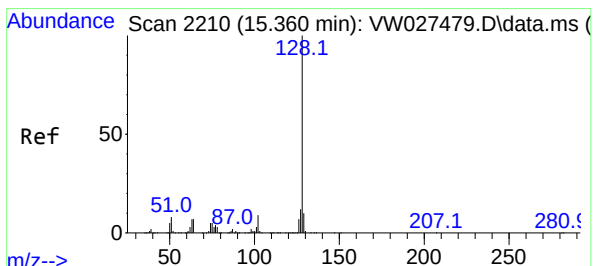
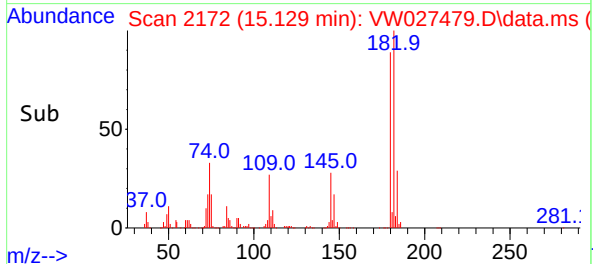
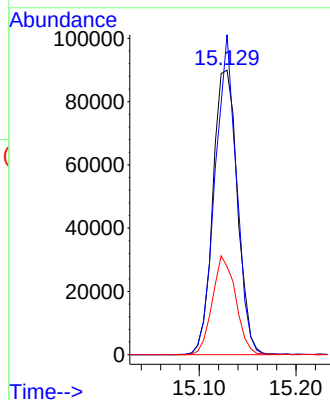
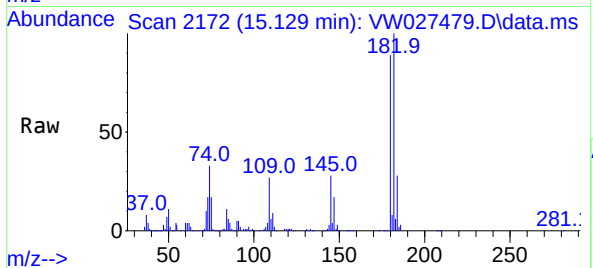
Tgt Ion:180 Resp: 158715

Ion Ratio Lower Upper

180 100

182 98.0 75.5 113.3

145 33.0 26.4 39.6



#71

Naphthalene

Concen: 22.642 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027479.D

Acq: 31 Oct 2023 09:47

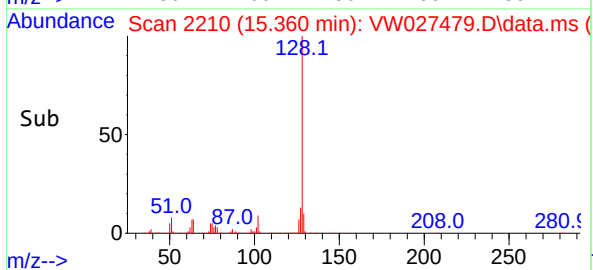
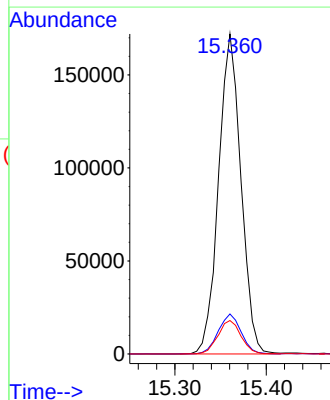
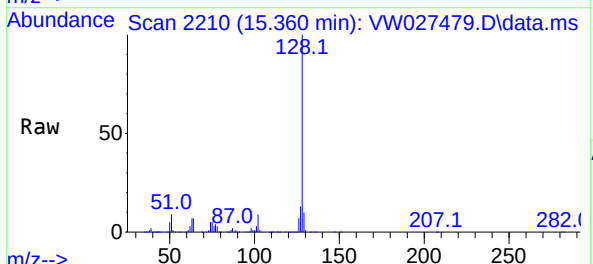
Tgt Ion:128 Resp: 293267

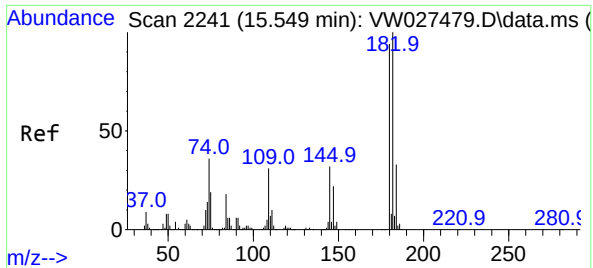
Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

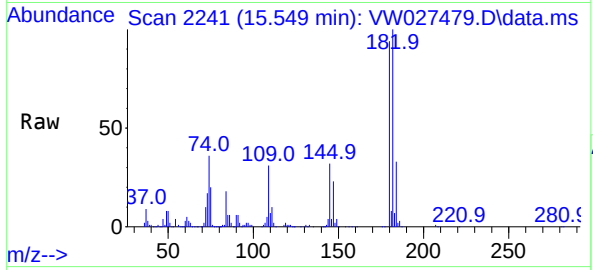
129 10.8 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 25.668 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027479.D
 Acq: 31 Oct 2023 09:47

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 132938

Ion	Ratio	Lower	Upper
180	100		
182	95.7	81.1	121.7
145	33.7	30.6	45.8

