

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
 Data File : VW027493.D
 Acq On : 01 Nov 2023 10:37
 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 02 03:12:14 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	370870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	341023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	188305	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	103916	18.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.440%
7) Chloroethane-d5	2.893	69	92099	22.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.640%
11) 1,1-Dichloroethene-d2	4.021	65	55941	19.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.880%
21) 2-Butanone-d5	7.075	46	110337	58.650	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.300%
24) Chloroform-d	7.648	84	284325	25.722	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.880%
26) 1,2-Dichloroethane-d4	8.306	65	148223	24.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.840%
32) Benzene-d6	8.276	84	541318	23.461	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.840%
36) 1,2-Dichloropropane-d6	9.270	67	179671	25.495	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.000%
41) Toluene-d8	10.318	98	460527	22.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.040%
43) trans-1,3-Dichloroprop...	10.574	79	67504	21.009	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.040%
47) 2-Hexanone-d5	10.922	63	82697	56.718	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	156293	29.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	158232	23.188	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	88542	20.065	ug/L #	78
3) Chloromethane	2.222	50	124038	24.459	ug/L	99
5) Vinyl chloride	2.375	62	144617	25.530	ug/L	97
6) Bromomethane	2.789	94	78291	24.265	ug/L	99
8) Chloroethane	2.929	64	83484	25.603	ug/L	100
9) Trichlorofluoromethane	3.265	101	109925	27.506	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	124508	24.881	ug/L	94
12) 1,1-Dichloroethene	4.045	96	124014	25.501	ug/L #	74
13) Acetone	4.124	43	88278	54.329	ug/L	98
14) Carbon disulfide	4.386	76	314108	20.834	ug/L	99
15) Methyl Acetate	4.667	43	71395	25.726	ug/L	100
16) Methylene chloride	4.917	84	149784	22.064	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	131174	25.098	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	233260	25.868	ug/L	99
19) 1,1-Dichloroethane	6.215	63	293551	27.528	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	157068	26.611	ug/L	99
22) 2-Butanone	7.166	43	112745	46.357	ug/L	100
23) Bromochloromethane	7.520	128	62878	25.803	ug/L	93
25) Chloroform	7.672	83	278486	27.904	ug/L	100

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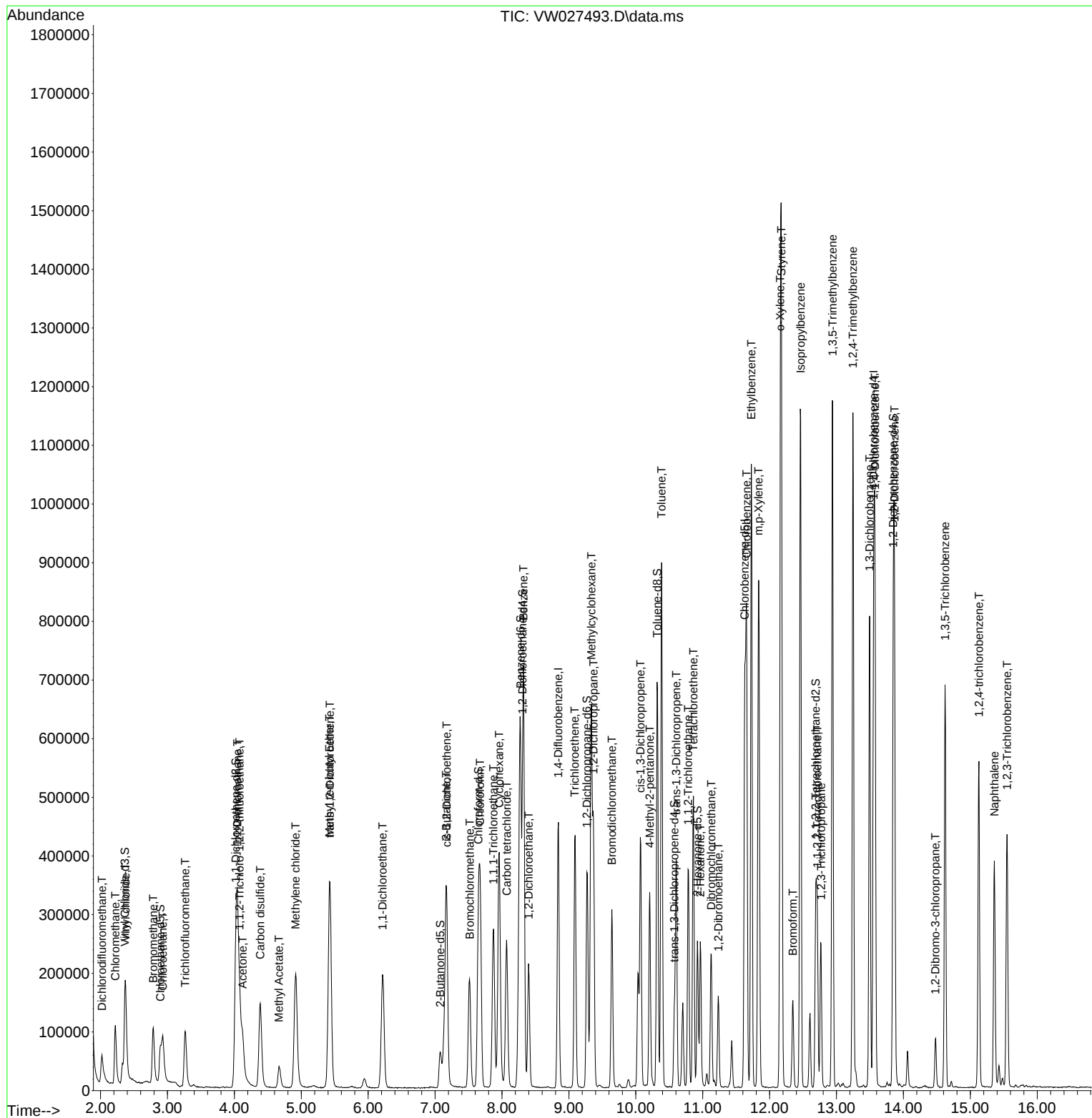
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	183469	27.062	ug/L	100
29) Cyclohexane	7.959	56	246434	23.800	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	222206	26.712	ug/L	99
31) Carbon tetrachloride	8.069	117	191124	25.480	ug/L	99
33) Benzene	8.319	78	601487	26.988	ug/L	100
34) Trichloroethene	9.087	95	156776	26.630	ug/L	93
35) Methylcyclohexane	9.337	83	254717	24.195	ug/L	100
37) 1,2-Dichloropropane	9.367	63	170271	28.255	ug/L	99
38) Bromodichloromethane	9.642	83	197902	26.708	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	255664	25.683	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	228737	55.194	ug/L	97
42) Toluene	10.385	91	631151	26.995	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	208821	24.861	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	115203	27.781	ug/L	94
46) Tetrachloroethene	10.861	164	104587	25.728	ug/L	97
48) 2-Hexanone	10.964	43	166537	54.293	ug/L	98
49) Dibromochloromethane	11.129	129	120620	26.191	ug/L	96
50) 1,2-Dibromoethane	11.233	107	103682	25.788	ug/L	98
51) Chlorobenzene	11.653	112	388239	26.518	ug/L	94
52) Ethylbenzene	11.727	91	733034	26.981	ug/L	99
53) m,p-Xylene	11.836	106	268333	26.040	ug/L	94
54) o-Xylene	12.159	106	258897	26.236	ug/L	96
55) Styrene	12.178	104	462050	27.416	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	145014	28.646	ug/L	96
59) Bromoform	12.348	173	65254	23.288	ug/L	98
60) Isopropylbenzene	12.464	105	745552	25.203	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	105078	25.557	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	601713	24.385	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	600434	24.870	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	297909	24.834	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	302929	25.287	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	269798	25.346	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	22009	21.418	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	197729	25.391	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	159459	24.058	ug/L	97
71) Naphthalene	15.360	128	315423	23.141	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	135055	24.780	ug/L	95

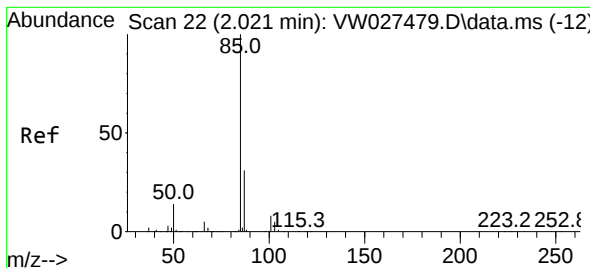
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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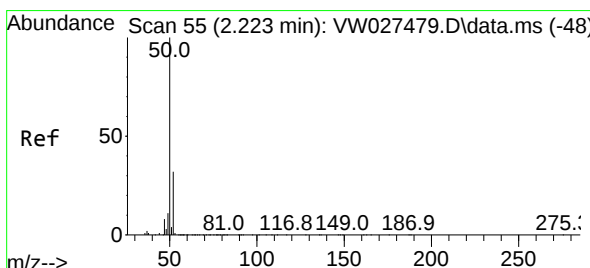
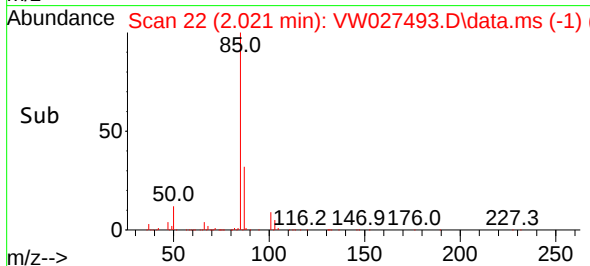
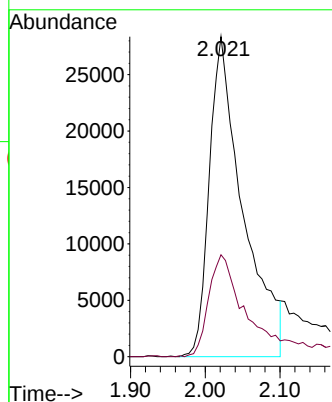
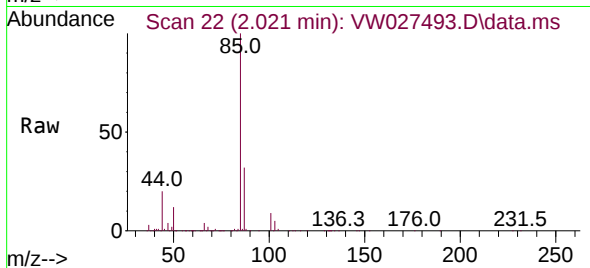




#2
Dichlorodifluoromethane
Concen: 20.065 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

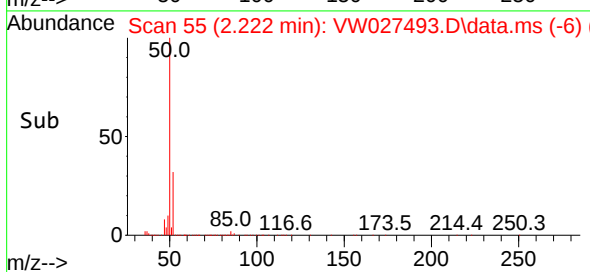
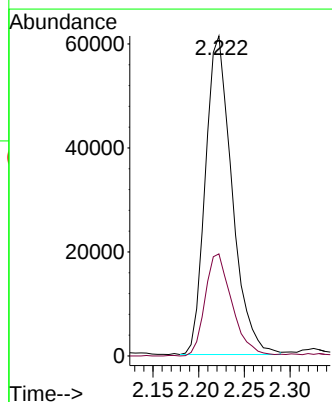
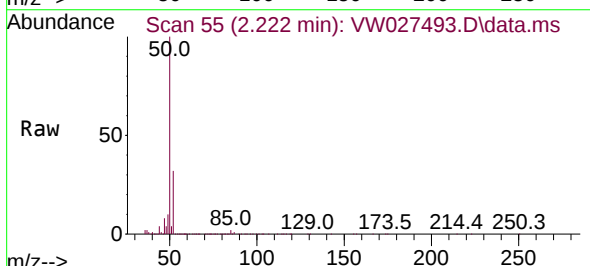
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MSVOA_W
ClientSampleId :

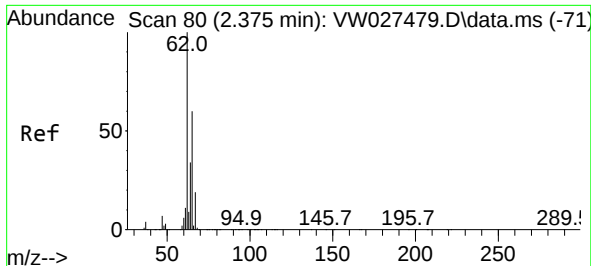
Tgt Ion: 85 Resp: 88542
Ion Ratio Lower Upper
85 100
87 33.6 18.3 27.5#



#3
Chloromethane
Concen: 24.459 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion: 50 Resp: 124038
Ion Ratio Lower Upper
50 100
52 31.9 22.7 42.3

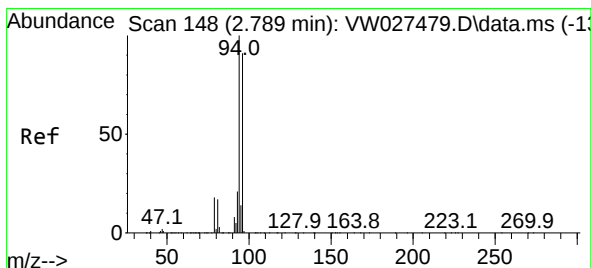
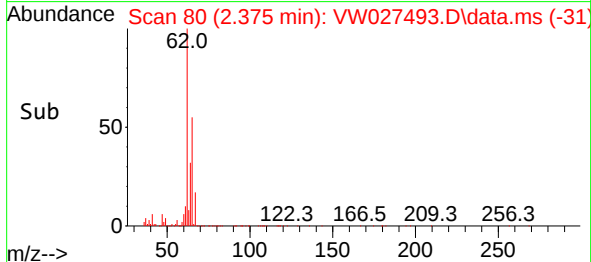
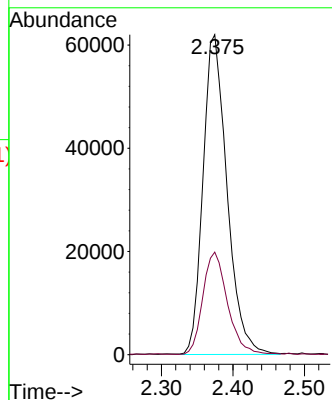
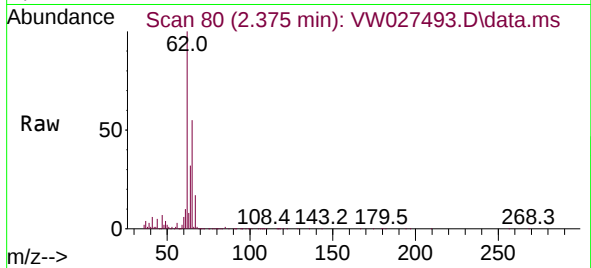




#5
 Vinyl chloride
 Concen: 25.530 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027493.D
 Acq: 01 Nov 2023 10:37

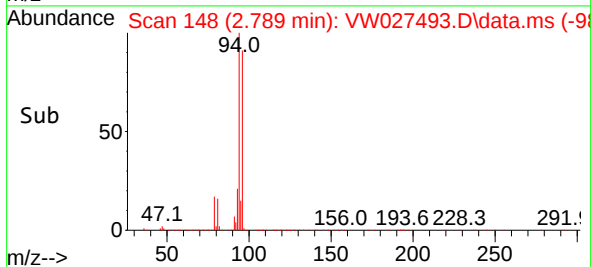
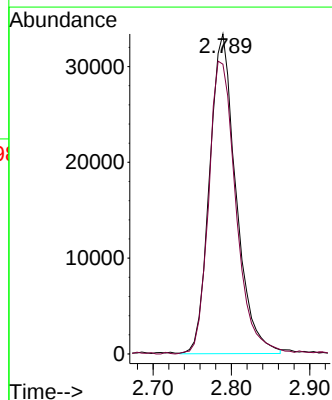
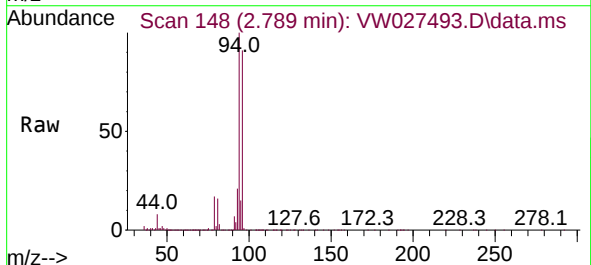
Instrument :
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 ClientSampleId :

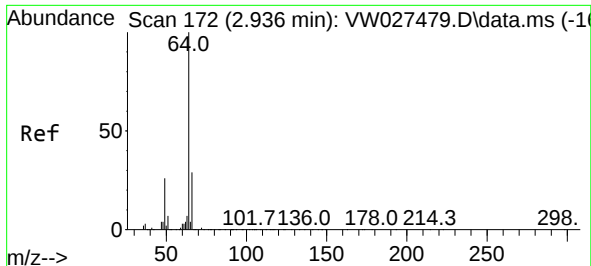
Tgt Ion: 62 Resp: 144617
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.8 44.2



#6
 Bromomethane
 Concen: 24.265 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW027493.D
 Acq: 01 Nov 2023 10:37

Tgt Ion: 94 Resp: 78291
 Ion Ratio Lower Upper
 94 100
 96 90.6 62.9 116.9

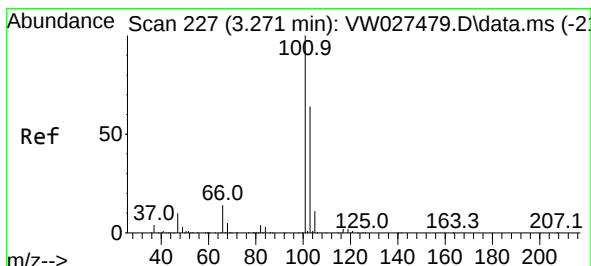
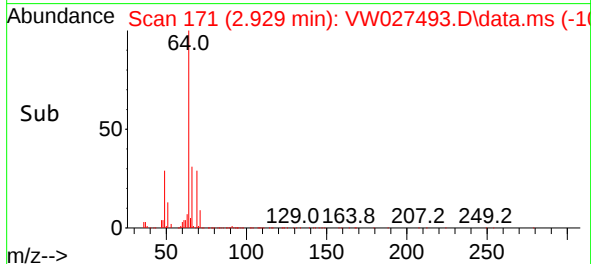
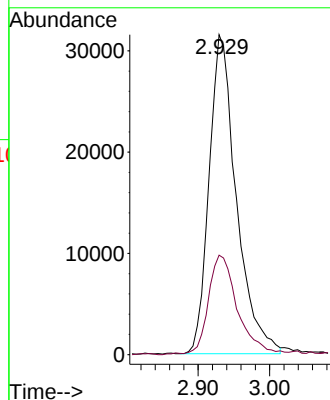
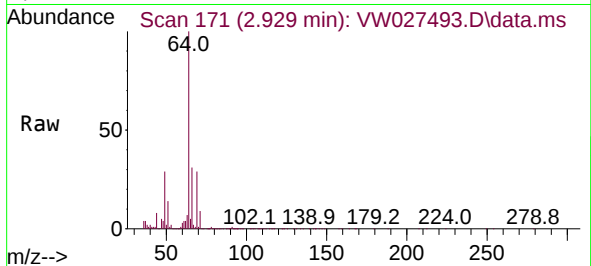




#8
Chloroethane
Concen: 25.603 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

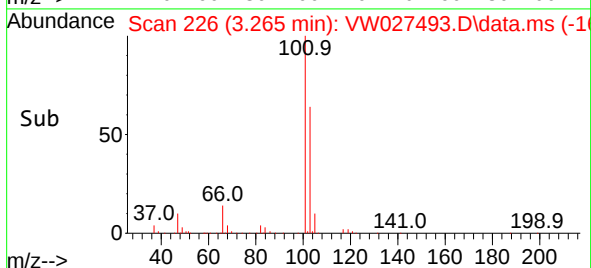
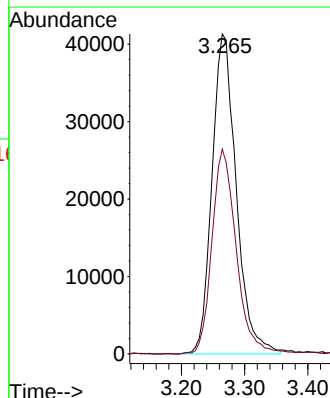
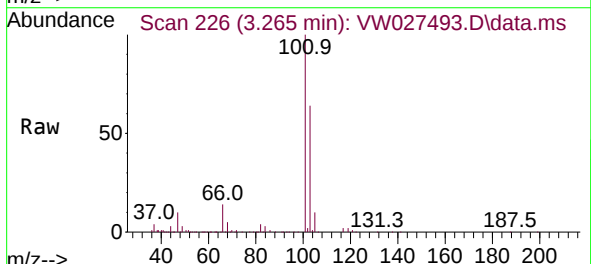
Instrument :
MSVOA_W
ClientSampleId :

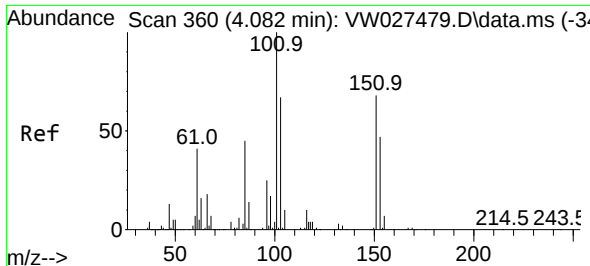
Tgt Ion: 64 Resp: 83484
Ion Ratio Lower Upper
64 100
66 31.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 27.506 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion:101 Resp: 109925
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.881 ug/L

RT: 4.075 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

ClientSampleId :

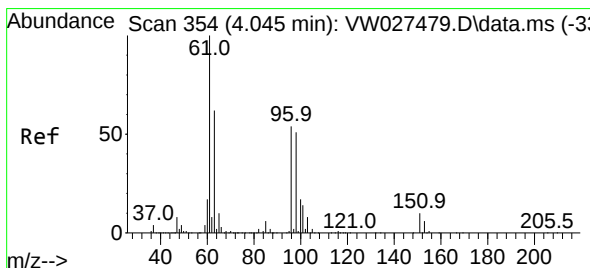
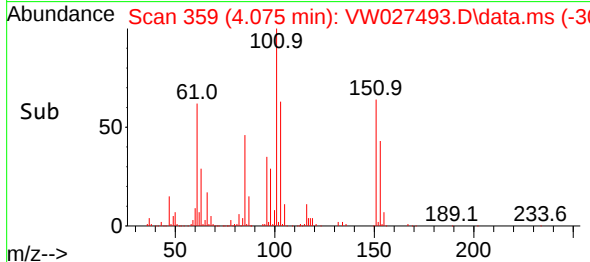
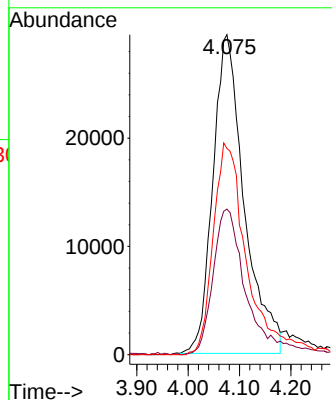
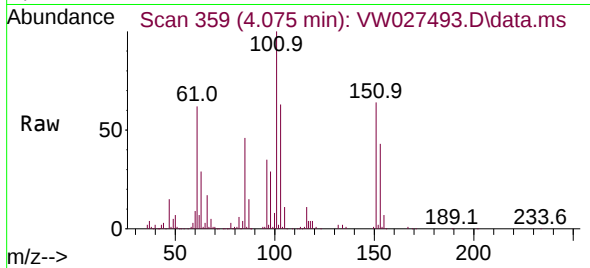
Tgt Ion:101 Resp: 124508

Ion Ratio Lower Upper

101 100

85 44.5 34.1 51.1

151 68.7 49.5 74.3



#12

1,1-Dichloroethene

Concen: 25.501 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

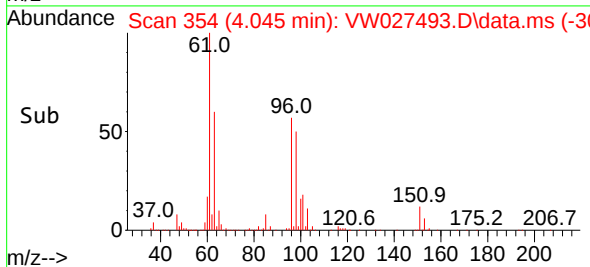
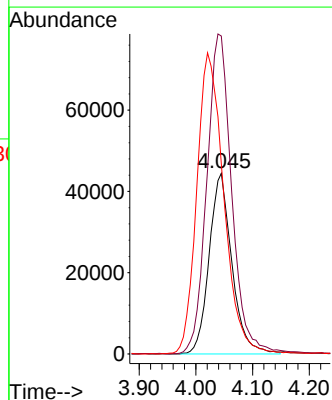
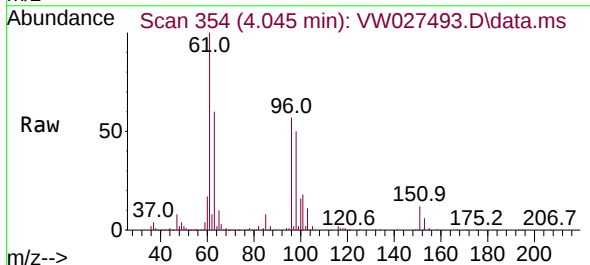
Tgt Ion: 96 Resp: 124014

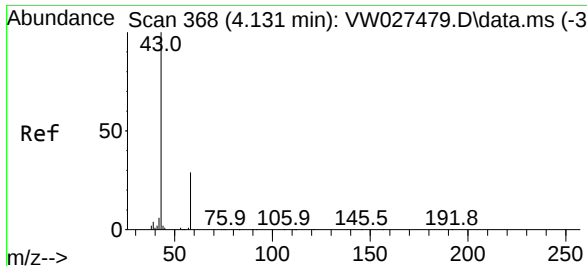
Ion Ratio Lower Upper

96 100

61 175.9 133.3 247.5

63 105.2 115.8 215.2#

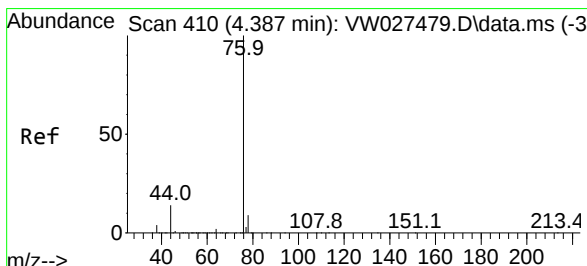
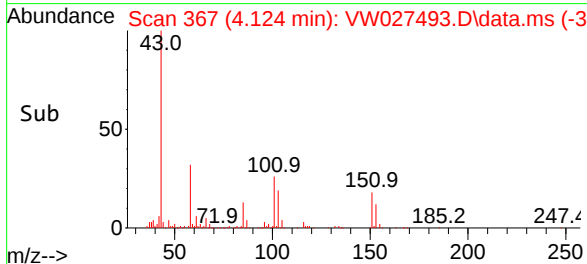
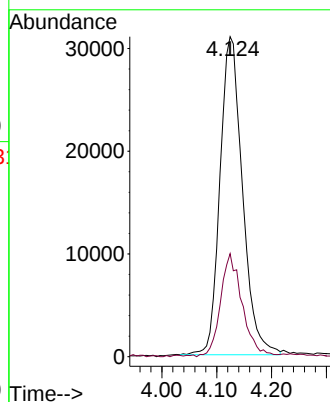
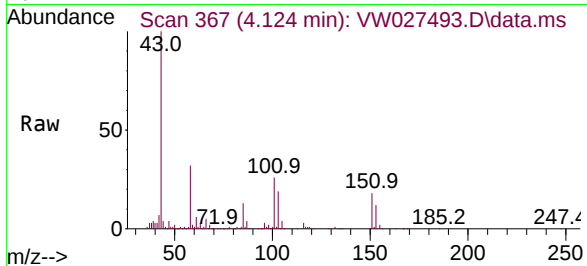




#13
Acetone
Concen: 54.329 ug/L
RT: 4.124 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027493.D
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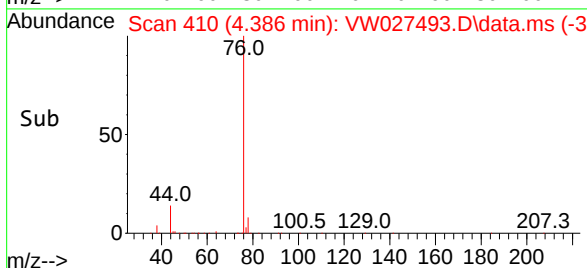
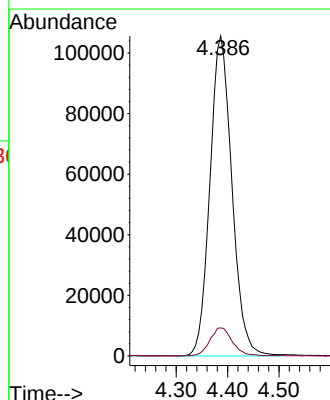
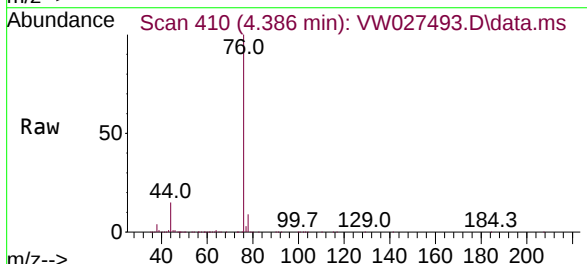
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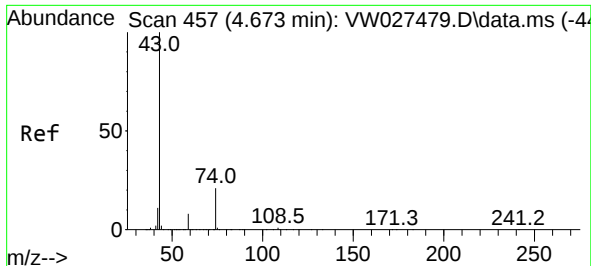
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Ion Ratio Lower Upper
43 100
58 31.3 0.0 60.8



#14
Carbon disulfide
Concen: 20.834 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.007 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion: 76 Resp: 314108
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

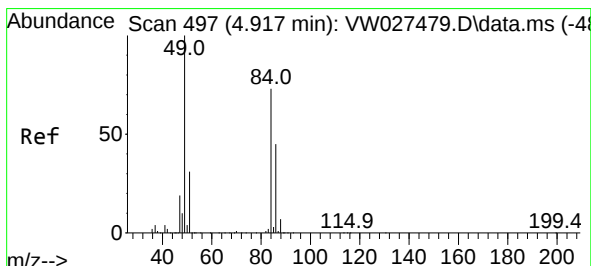
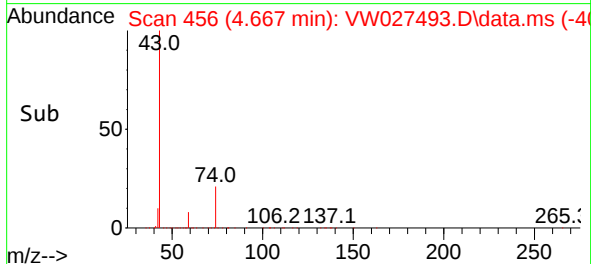
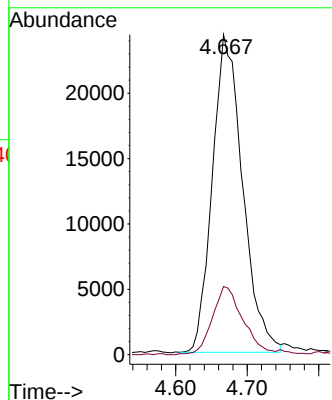
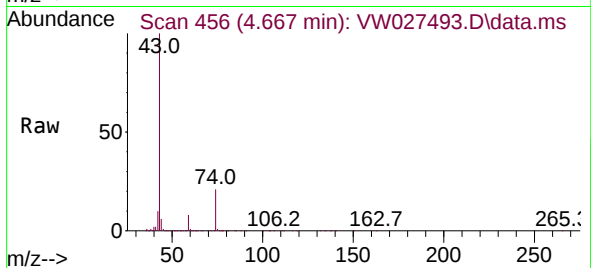




#15
Methyl Acetate
Concen: 25.726 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

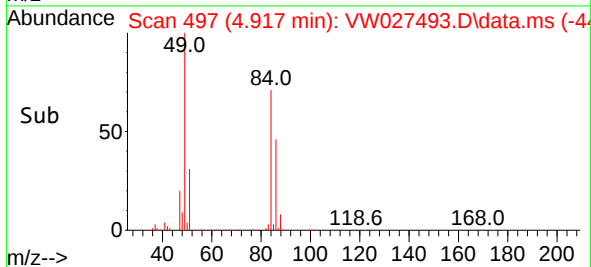
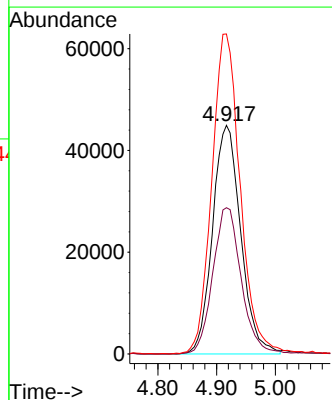
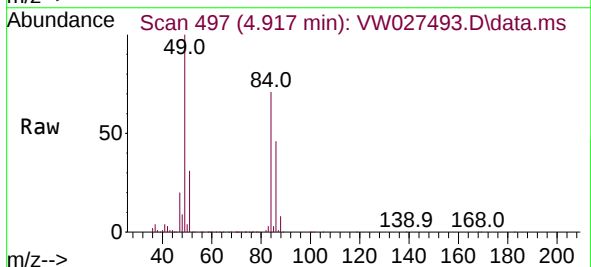
Instrument :
MSVOA_W
ClientSampleId :

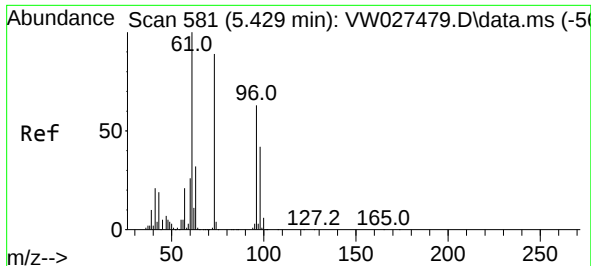
Tgt Ion: 43 Resp: 71395
Ion Ratio Lower Upper
43 100
74 21.7 17.5 26.3



#16
Methylene chloride
Concen: 22.064 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion: 84 Resp: 149784
Ion Ratio Lower Upper
84 100
86 64.0 41.3 76.7
49 140.0 92.8 172.4

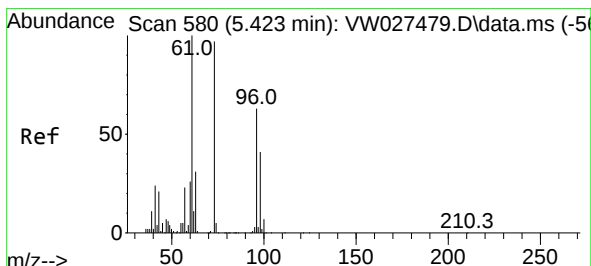
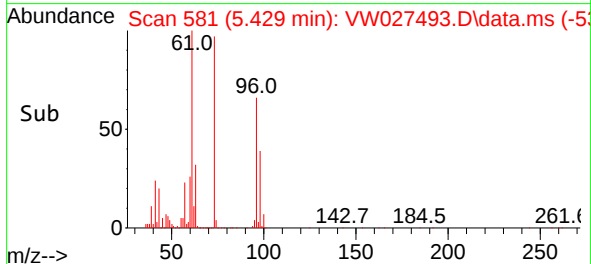
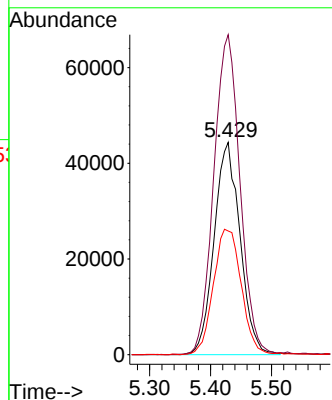
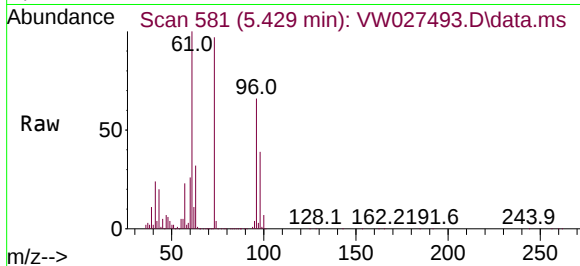




#17
trans-1,2-Dichloroethene
Concen: 25.098 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

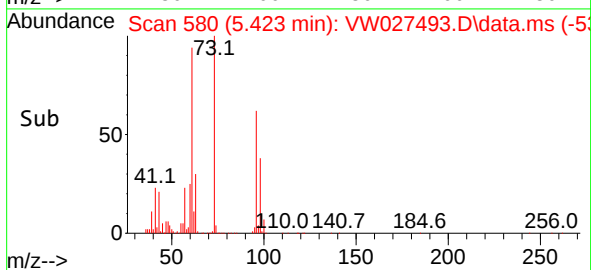
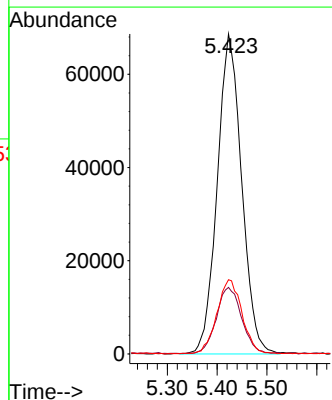
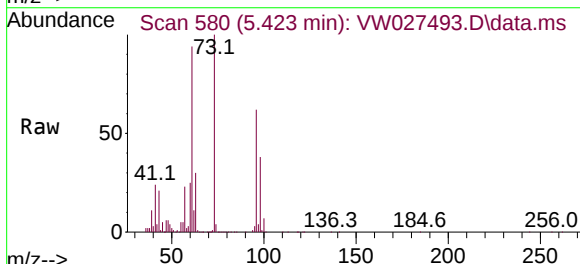
Instrument :
MSVOA_W
ClientSampleId :

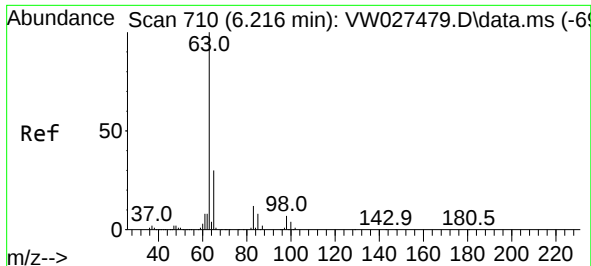
Tgt Ion: 96 Resp: 131174
Ion Ratio Lower Upper
96 100
61 150.7 105.6 196.0
98 58.3 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 25.868 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.007 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

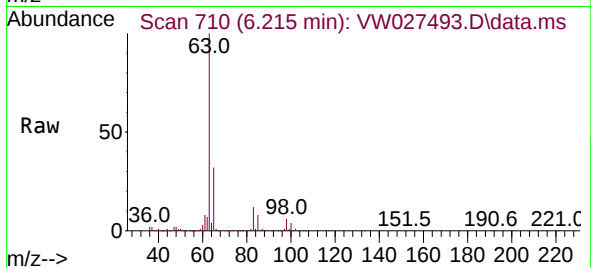
Tgt Ion: 73 Resp: 233260
Ion Ratio Lower Upper
73 100
43 21.1 17.7 26.5
57 23.5 18.5 27.7





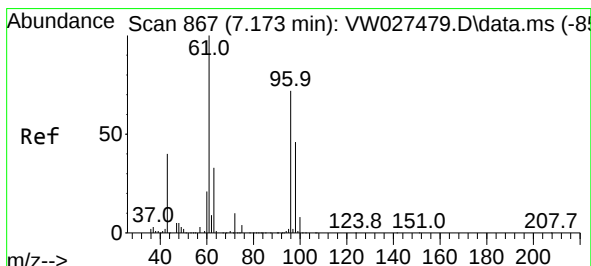
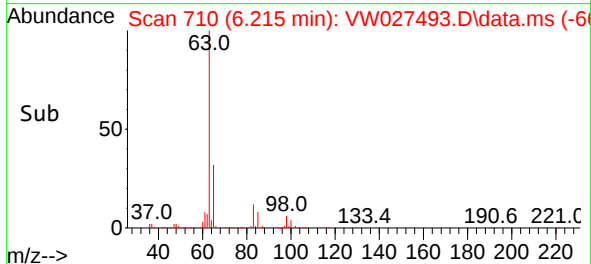
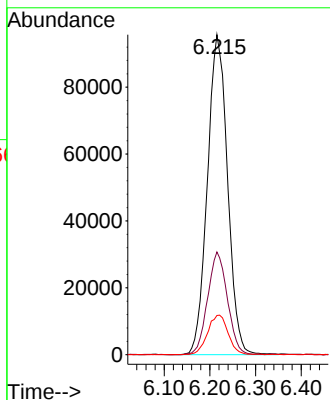
#19
1,1-Dichloroethane
Concen: 27.528 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.007 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 63 Resp: 293551

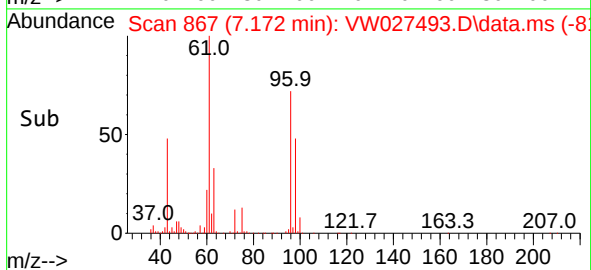
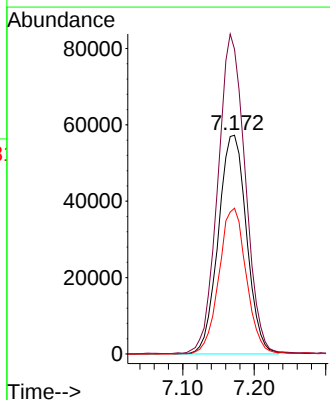
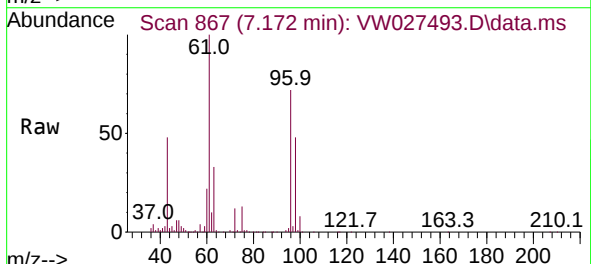
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.9	42.5
83	12.3	9.6	17.8

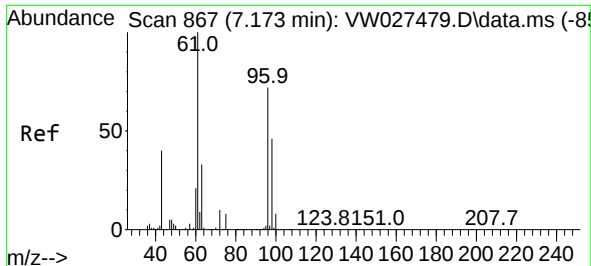


#20
cis-1,2-Dichloroethene
Concen: 26.611 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion: 96 Resp: 157068

Ion	Ratio	Lower	Upper
96	100		
61	139.2	96.2	178.8
98	66.7	46.0	85.4

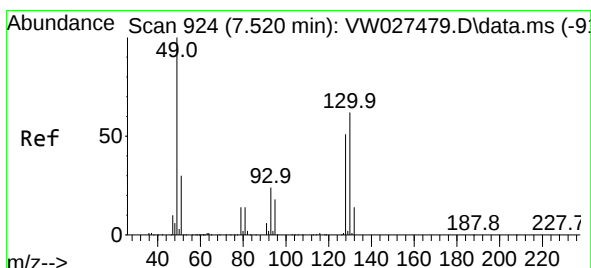
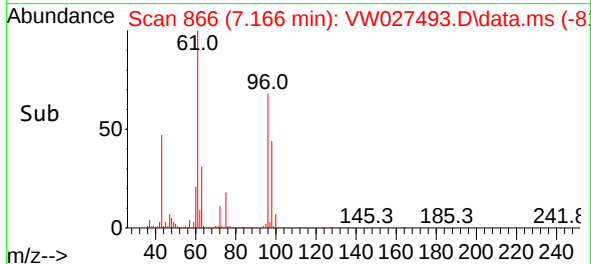
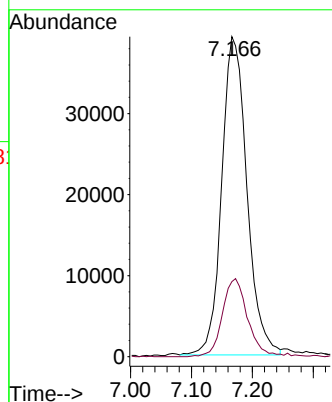
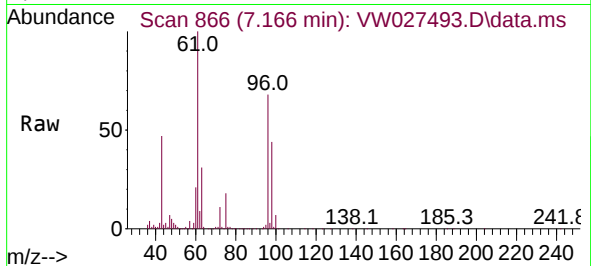




#22
2-Butanone
Concen: 46.357 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

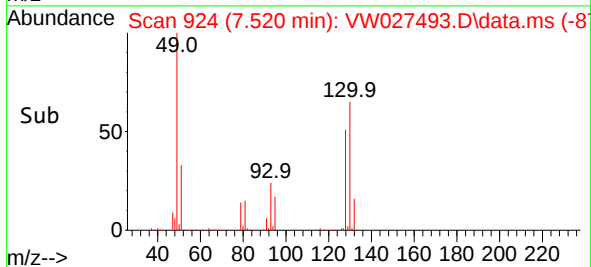
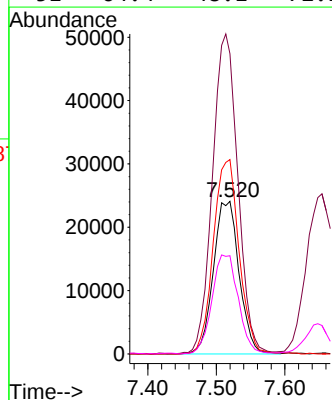
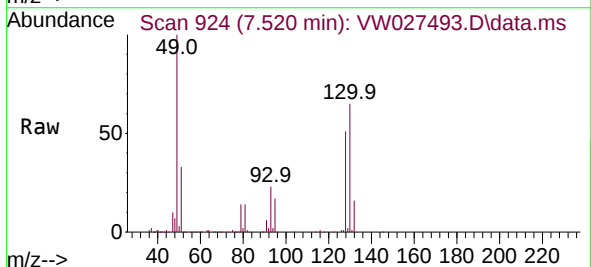
Instrument :
MSVOA_W
ClientSampleId :

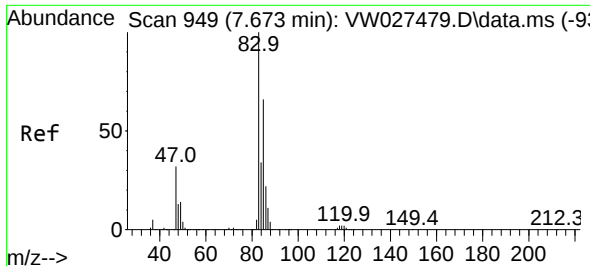
Tgt Ion: 43 Resp: 112745
Ion Ratio Lower Upper
43 100
72 24.4 12.3 36.8



#23
Bromochloromethane
Concen: 25.803 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

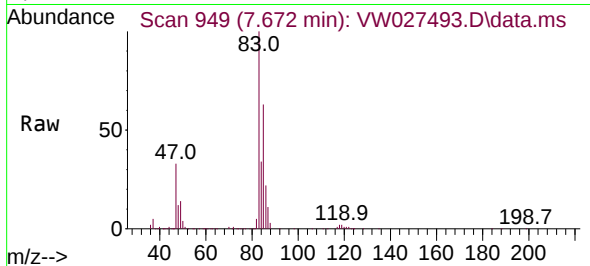
Tgt Ion: 128 Resp: 62878
Ion Ratio Lower Upper
128 100
49 196.6 128.9 239.5
130 127.4 85.0 157.8
51 64.4 48.1 72.1



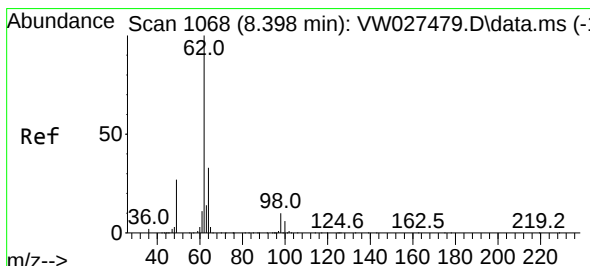
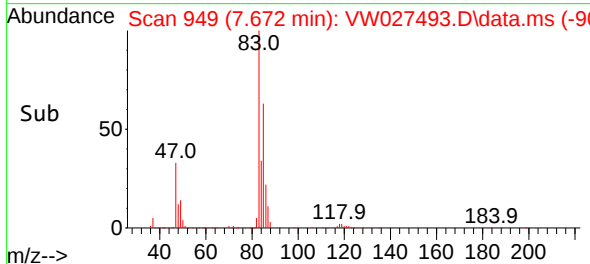
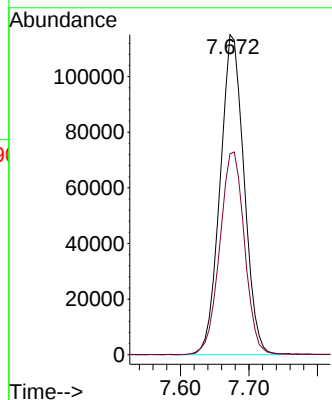


#25
Chloroform
Concen: 27.904 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Instrument :
MSVOA_W
ClientSampleId :

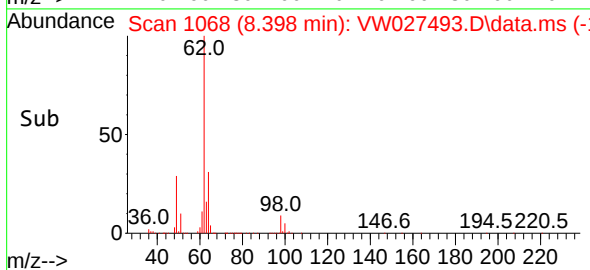
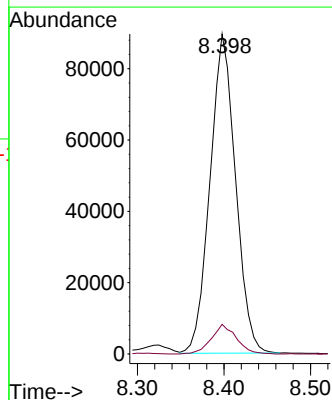
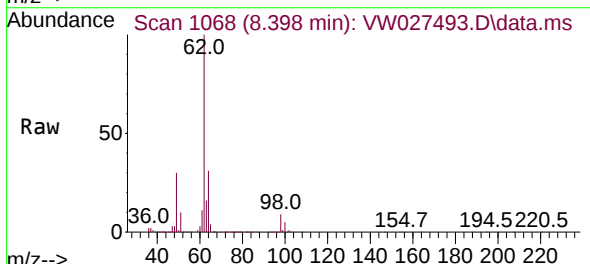


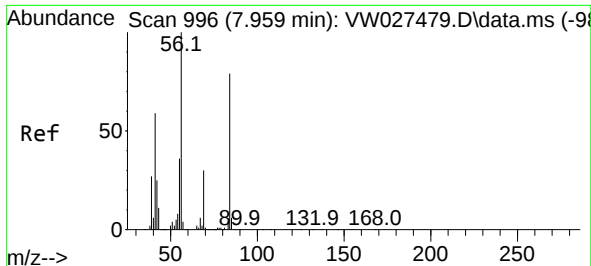
Tgt Ion: 83 Resp: 278486
Ion Ratio Lower Upper
83 100
85 62.8 44.1 81.9



#27
1,2-Dichloroethane
Concen: 27.062 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion: 62 Resp: 183469
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3





#29

Cyclohexane

Concen: 23.800 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

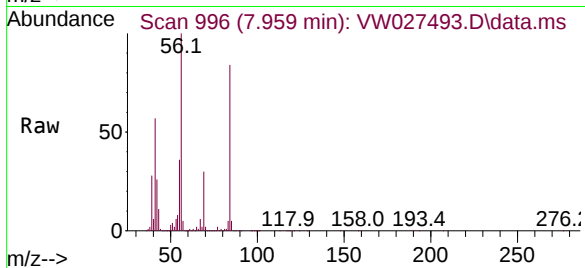
Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

ClientSampleId :



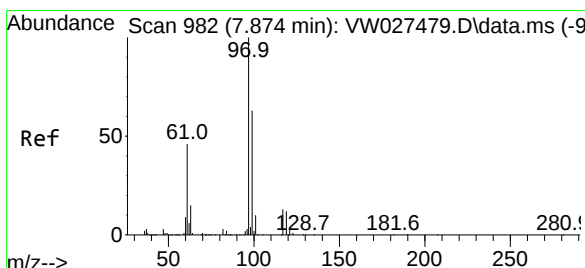
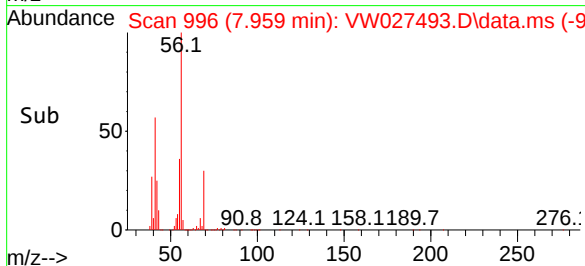
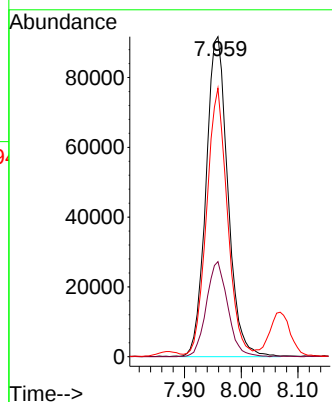
Tgt Ion: 56 Resp: 246434

Ion	Ratio	Lower	Upper
56	100		
69	29.0	24.2	36.4
84	79.6	65.1	97.7

56 100

69 29.0 24.2 36.4

84 79.6 65.1 97.7



#30

1,1,1-Trichloroethane

Concen: 26.712 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

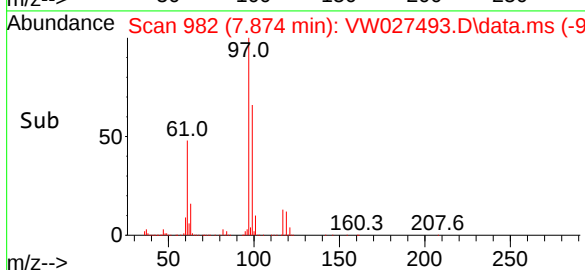
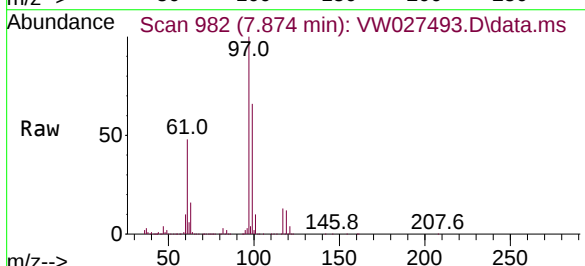
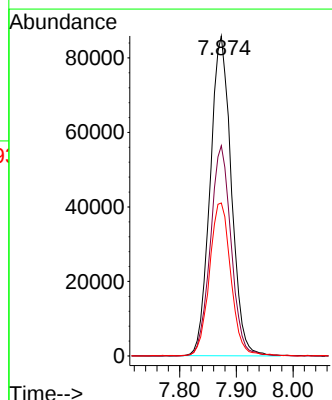
Tgt Ion: 97 Resp: 222206

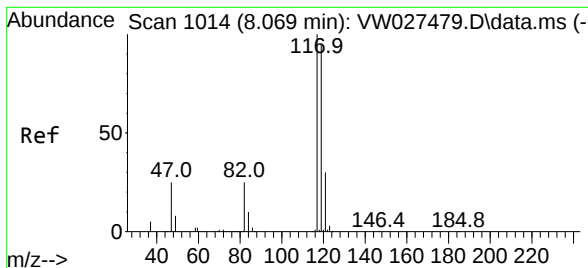
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	48.2	37.4	56.0

97 100

99 64.6 51.4 77.0

61 48.2 37.4 56.0

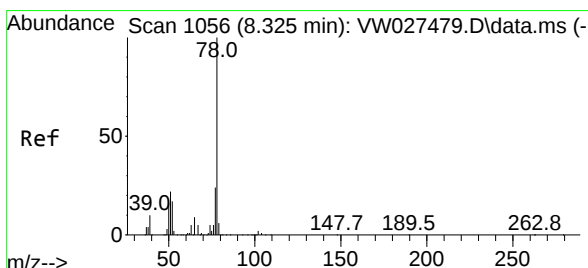
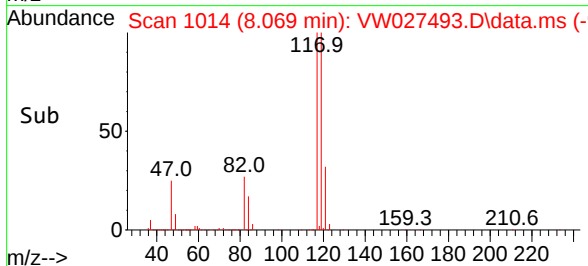
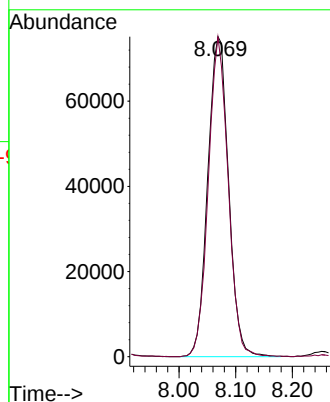
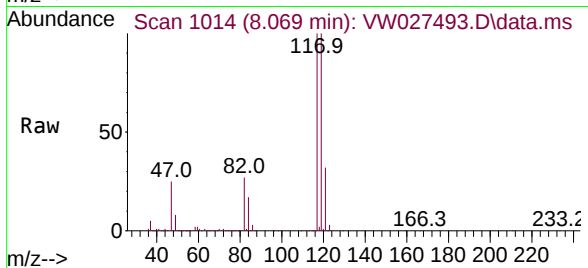




#31
Carbon tetrachloride
Concen: 25.480 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

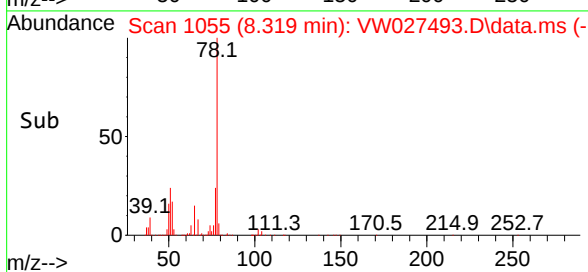
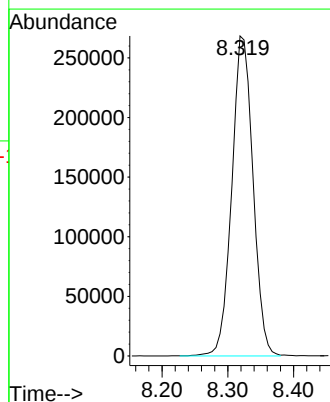
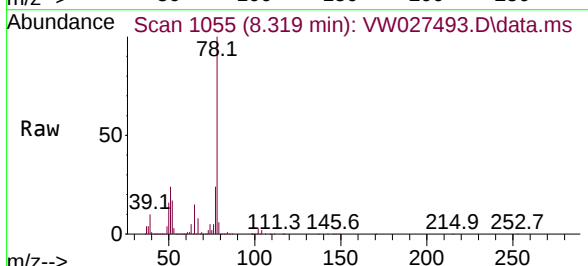
Instrument :
MSVOA_W
ClientSampleId :

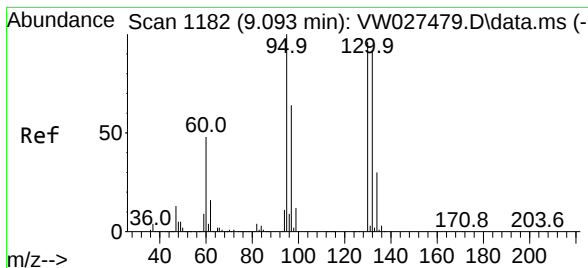
Tgt Ion:117 Resp: 191124
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7



#33
Benzene
Concen: 26.988 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.007 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion: 78 Resp: 601487





#34

Trichloroethene

Concen: 26.630 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 156776

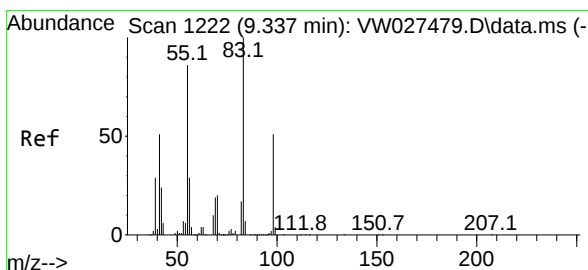
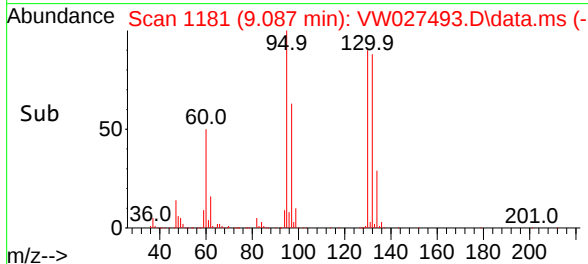
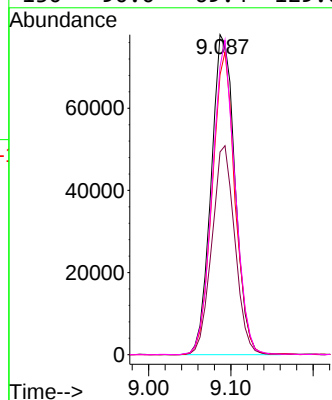
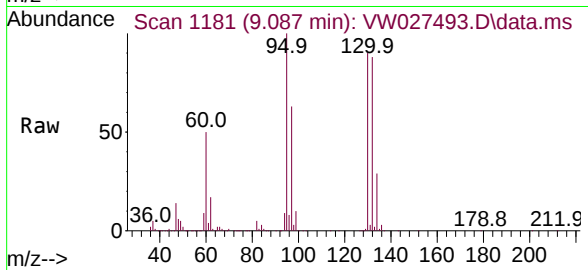
Ion Ratio Lower Upper

95 100

97 63.3 43.4 80.6

132 87.5 67.6 125.6

130 90.0 69.4 129.0



#35

Methylcyclohexane

Concen: 24.195 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

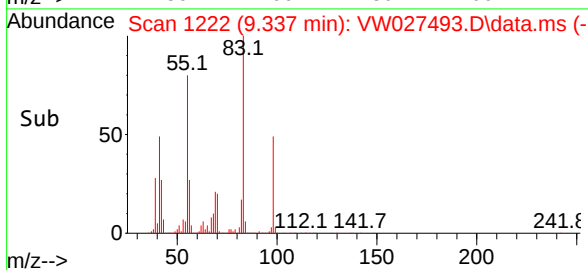
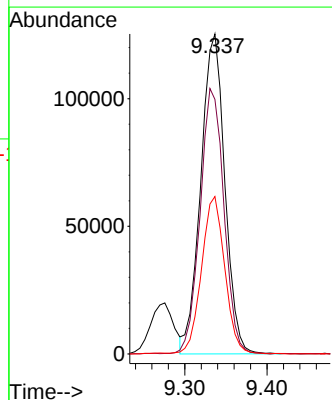
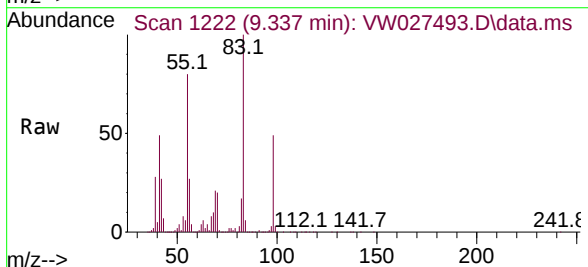
Tgt Ion: 83 Resp: 254717

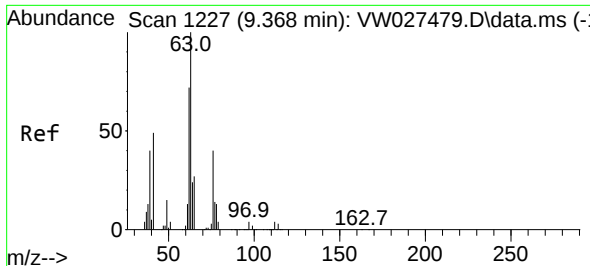
Ion Ratio Lower Upper

83 100

55 82.4 65.8 98.8

98 47.7 38.1 57.1





#37

1,2-Dichloropropane

Concen: 28.255 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

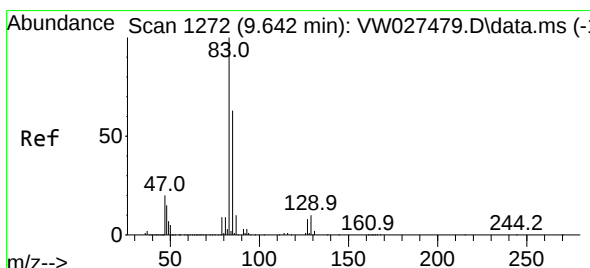
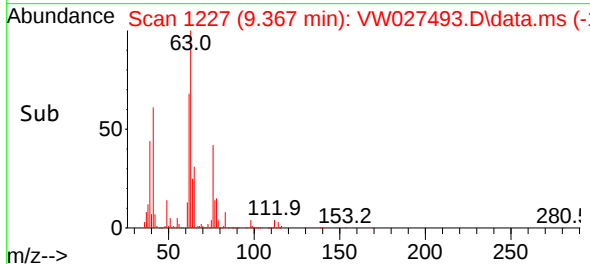
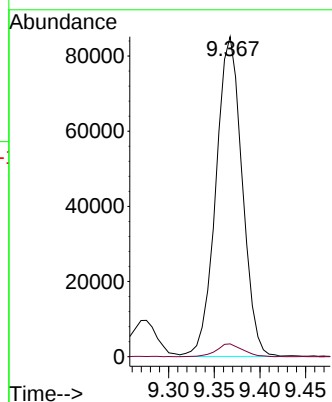
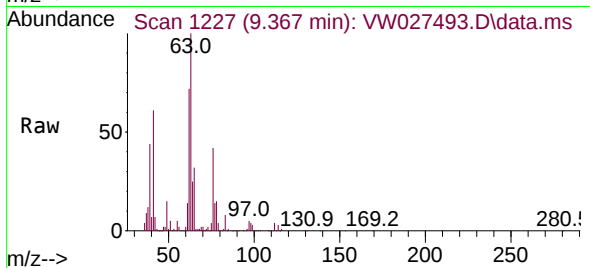
ClientSampleId :

Tgt Ion: 63 Resp: 170271

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 26.708 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

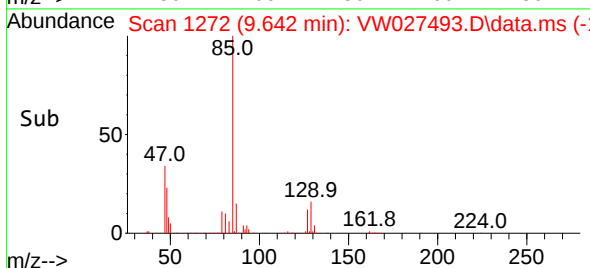
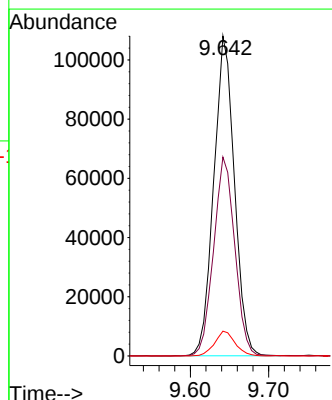
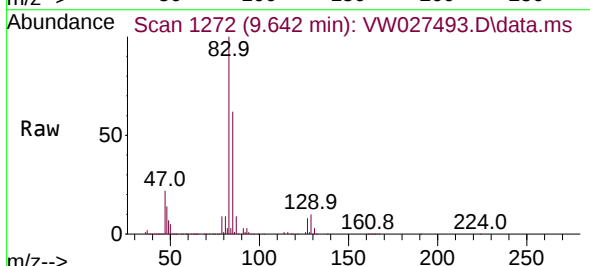
Tgt Ion: 83 Resp: 197902

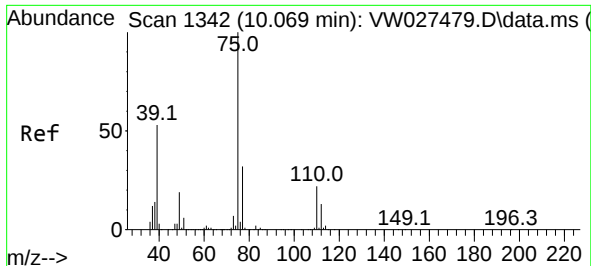
Ion Ratio Lower Upper

83 100

85 62.1 43.9 81.5

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.683 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

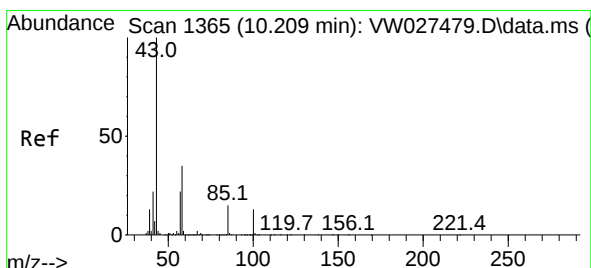
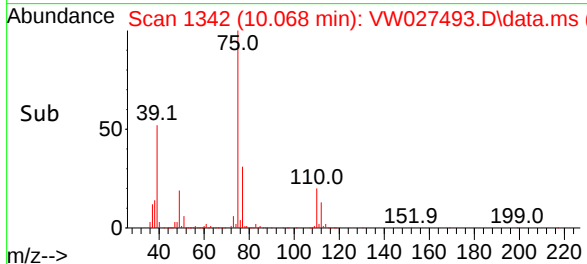
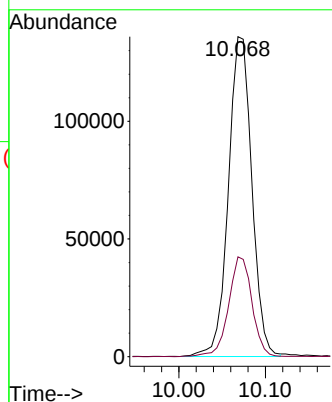
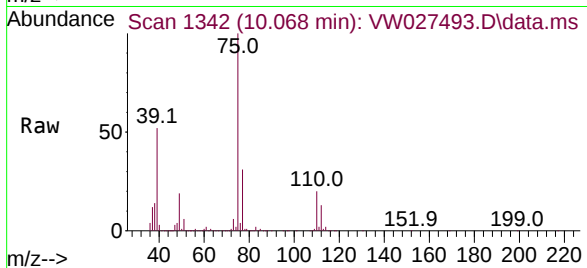
ClientSampleId :

Tgt Ion: 75 Resp: 255664

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 55.194 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

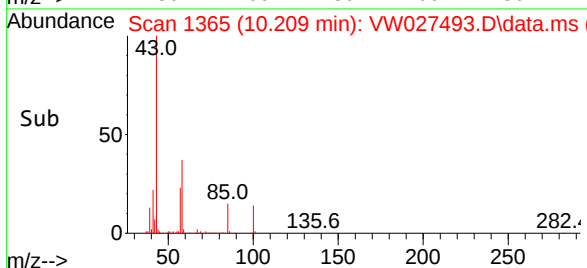
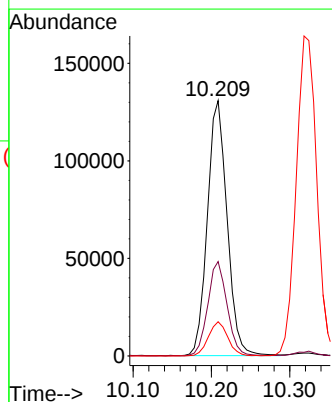
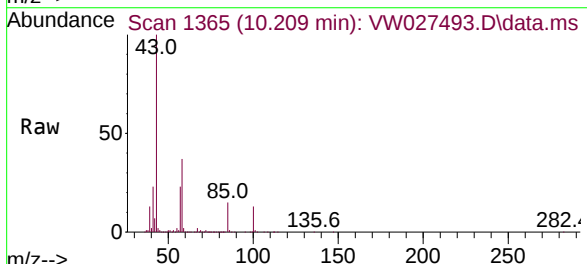
Tgt Ion: 43 Resp: 228737

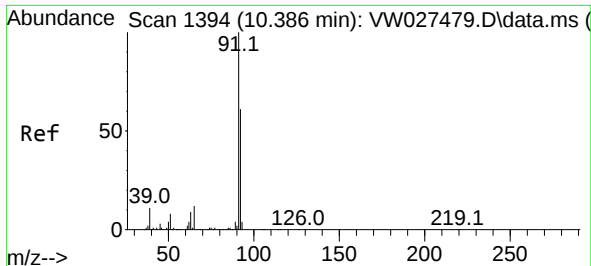
Ion Ratio Lower Upper

43 100

58 36.4 30.5 45.7

100 13.3 11.5 17.3

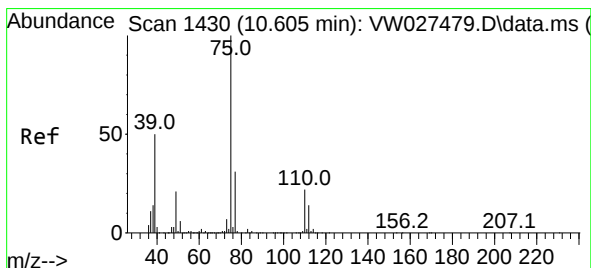
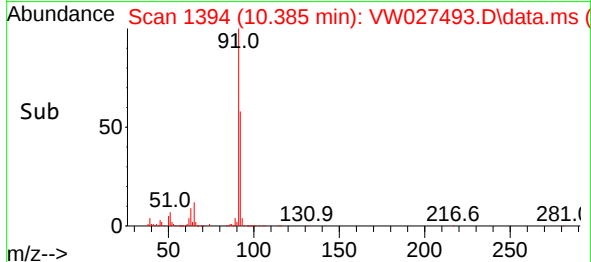
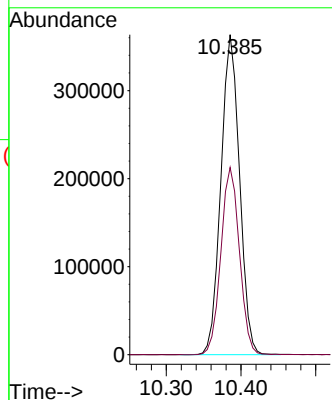
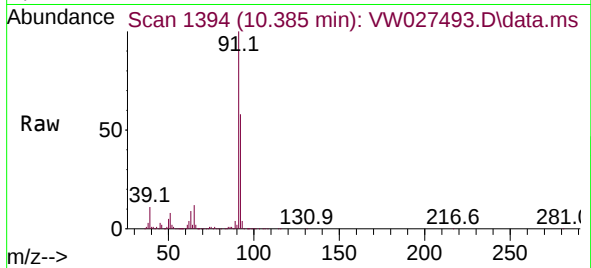




#42
Toluene
Concen: 26.995 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

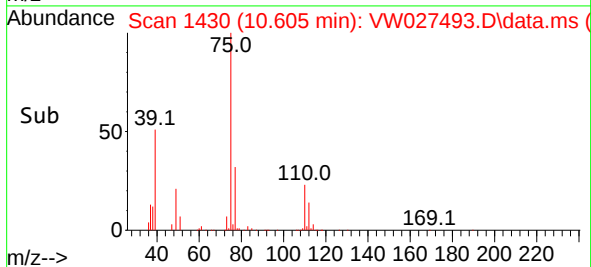
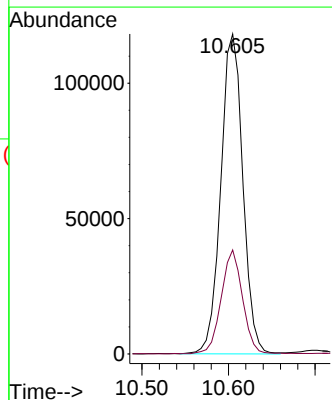
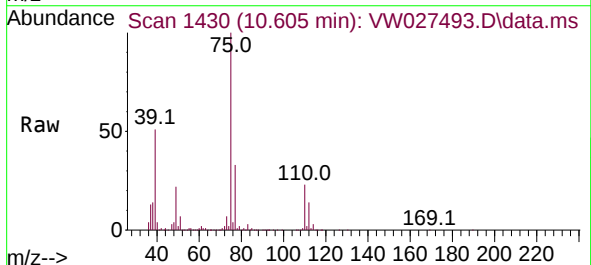
Instrument :
MSVOA_W
ClientSampleId :

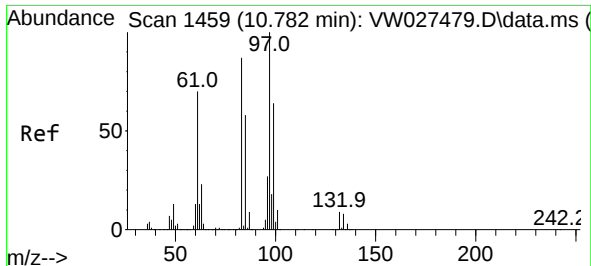
Tgt Ion: 91 Resp: 631151
Ion Ratio Lower Upper
91 100
92 58.5 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 24.861 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion: 75 Resp: 208821
Ion Ratio Lower Upper
75 100
77 32.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.781 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

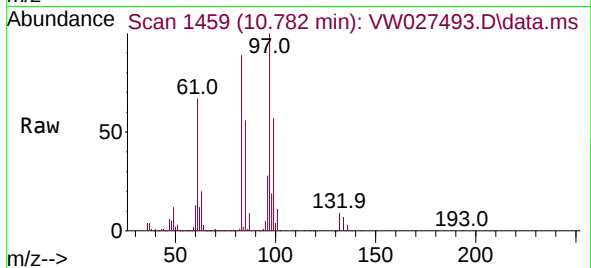
Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 115203

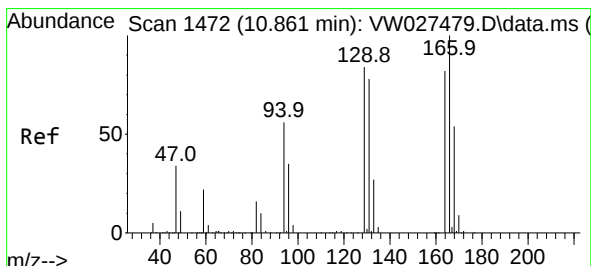
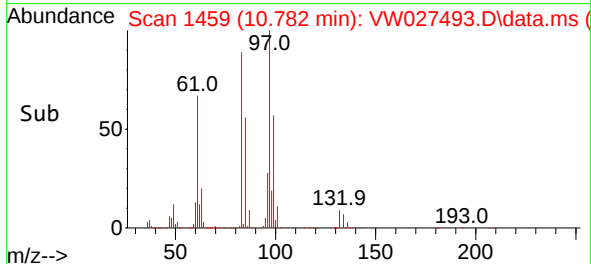
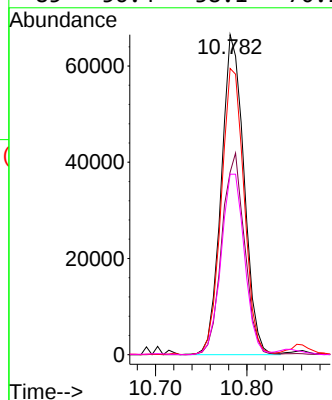
Ion Ratio Lower Upper

97 100

99 57.0 43.8 81.4

83 89.4 57.5 106.7

85 56.4 38.1 70.9



#46

Tetrachloroethene

Concen: 25.728 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Tgt Ion:164 Resp: 104587

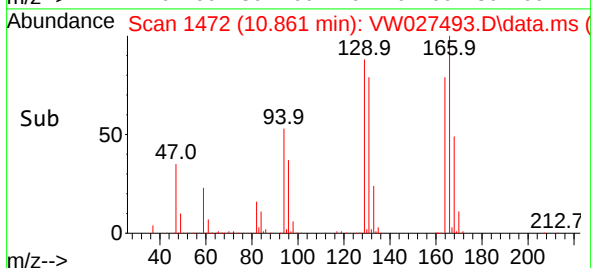
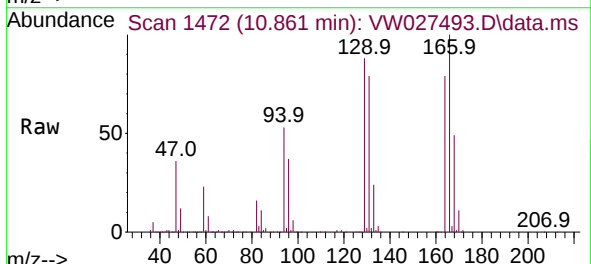
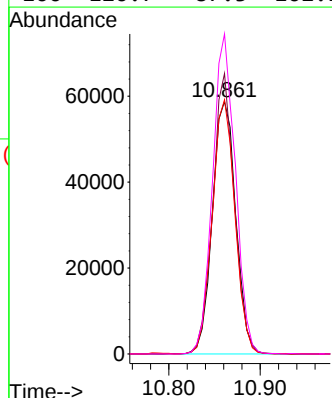
Ion Ratio Lower Upper

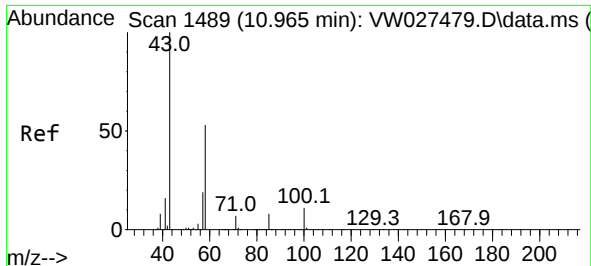
164 100

129 111.1 74.7 138.7

131 100.7 73.2 136.0

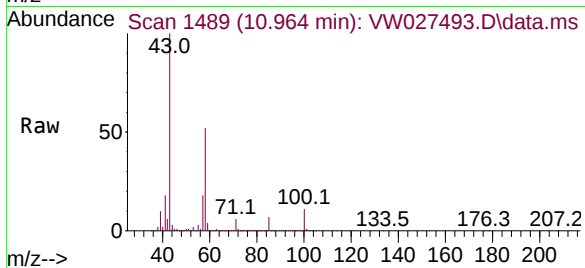
166 126.7 87.3 162.1



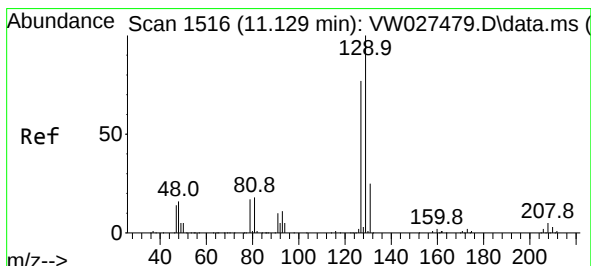
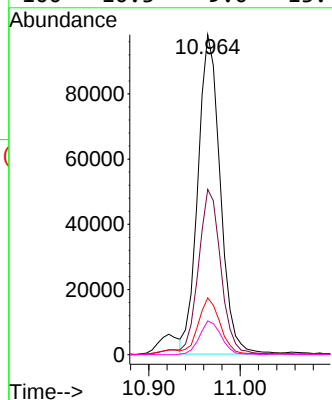
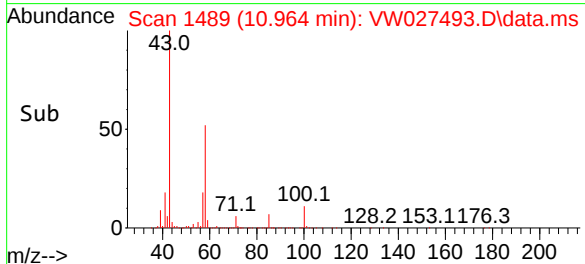


#48
2-Hexanone
Concen: 54.293 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

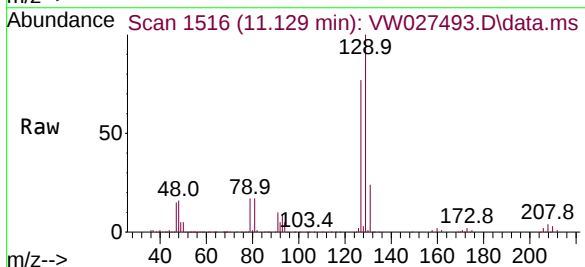
Instrument :
MSVOA_W
ClientSampleId :



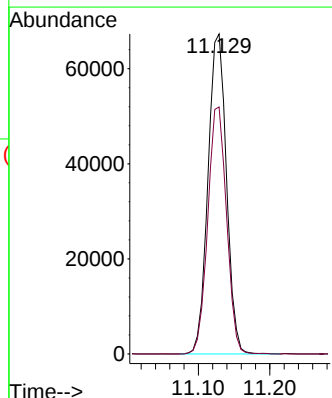
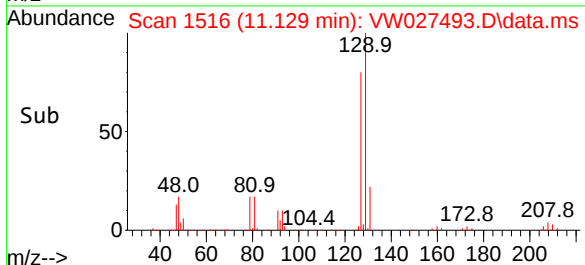
Tgt Ion: 43 Resp: 166537
Ion Ratio Lower Upper
43 100
58 51.8 42.2 63.4
57 16.8 15.1 22.7
100 10.3 9.0 13.4

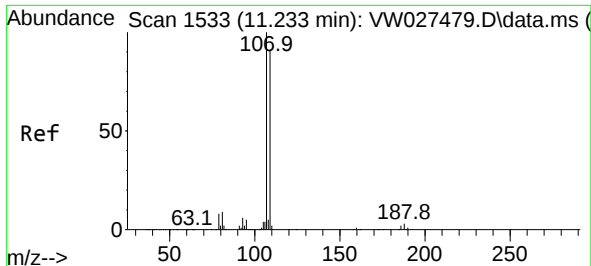


#49
Dibromochloromethane
Concen: 26.191 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37



Tgt Ion: 129 Resp: 120620
Ion Ratio Lower Upper
129 100
127 77.2 51.7 95.9





#50

1,2-Dibromoethane

Concen: 25.788 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

ClientSampleId :

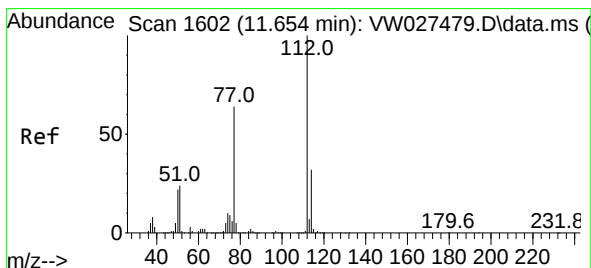
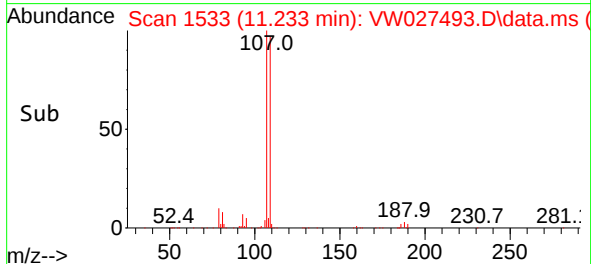
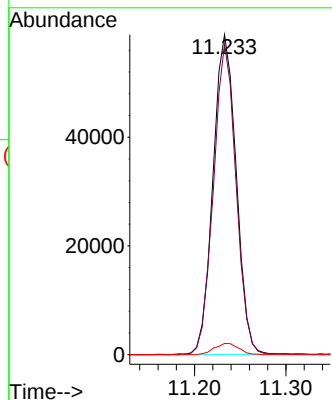
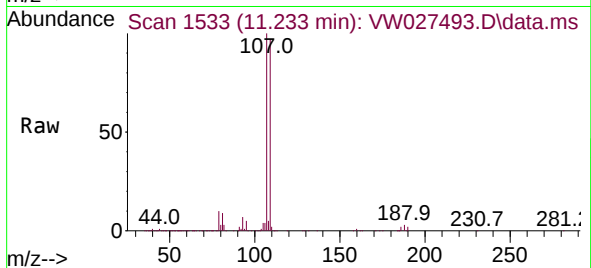
Tgt Ion:107 Resp: 103682

Ion Ratio Lower Upper

107 100

109 97.1 66.3 123.1

188 3.5 3.0 4.4



#51

Chlorobenzene

Concen: 26.518 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

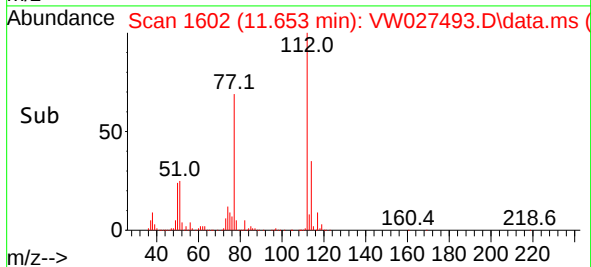
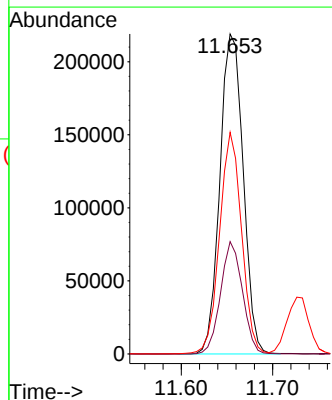
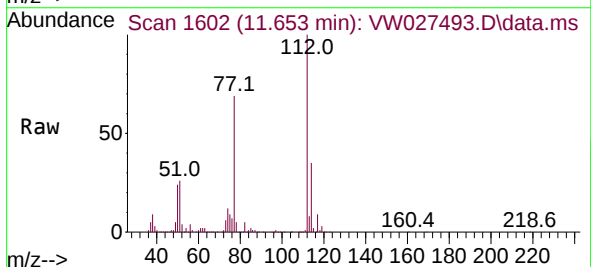
Tgt Ion:112 Resp: 388239

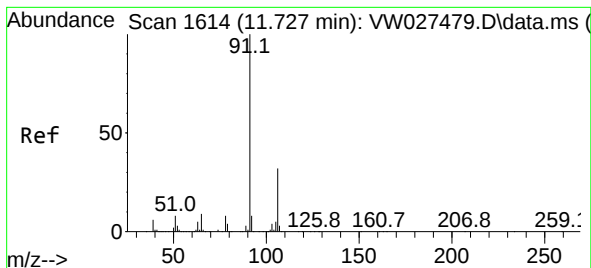
Ion Ratio Lower Upper

112 100

114 35.1 21.8 40.6

77 69.3 52.2 78.4

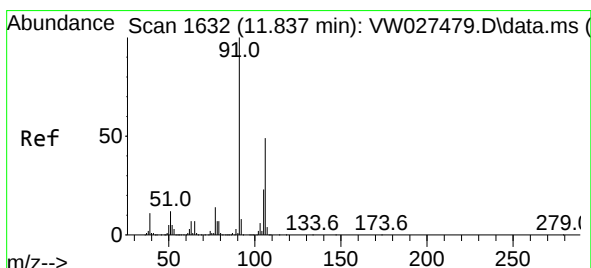
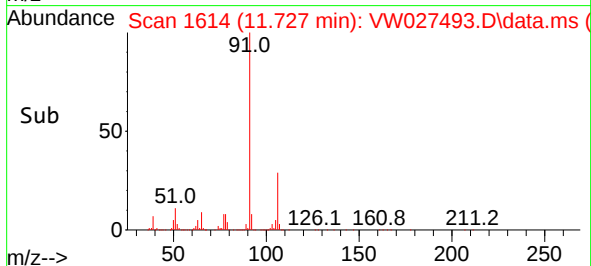
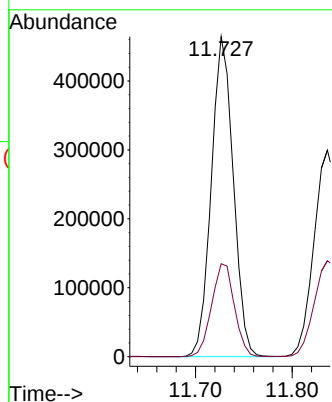
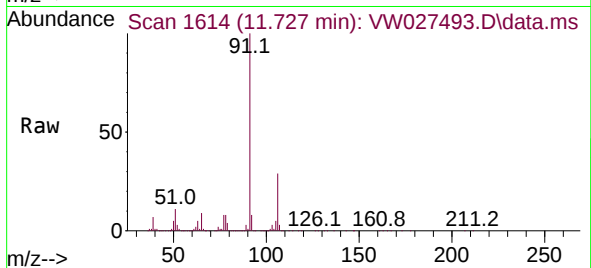




#52
Ethylbenzene
Concen: 26.981 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

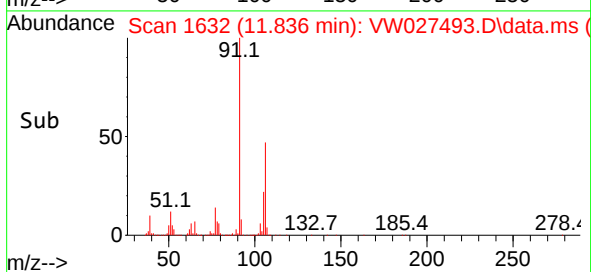
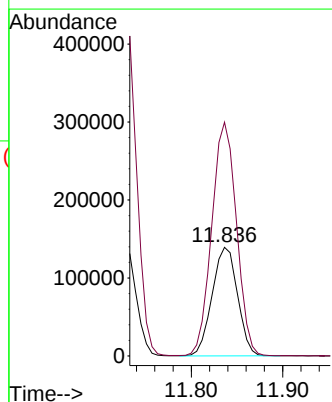
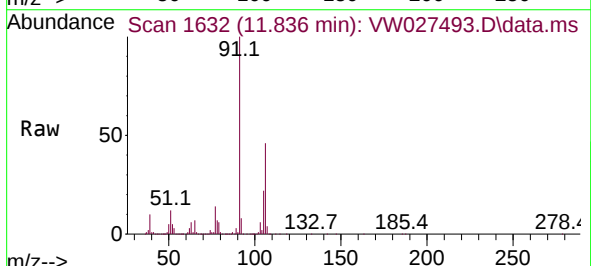
Instrument :
MSVOA_W
ClientSampleId :

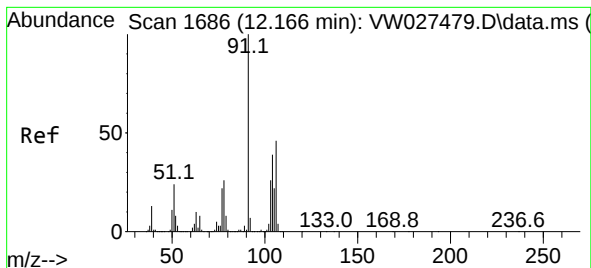
Tgt Ion: 91 Resp: 733034
Ion Ratio Lower Upper
91 100
106 29.1 19.8 36.8



#53
m,p-Xylene
Concen: 26.040 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion:106 Resp: 268333
Ion Ratio Lower Upper
106 100
91 215.1 144.5 268.4





#54

o-Xylene

Concen: 26.236 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

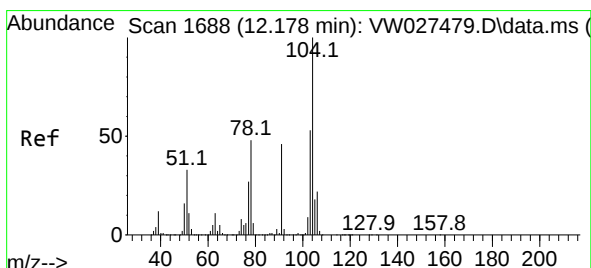
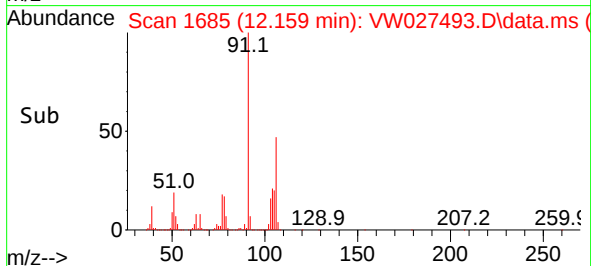
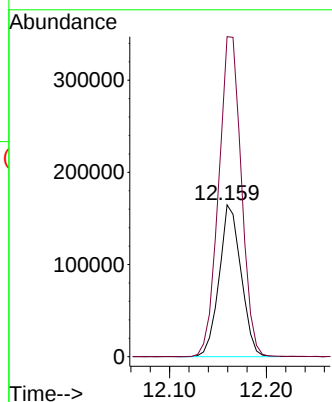
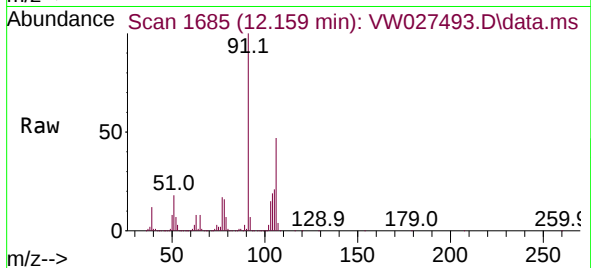
ClientSampleId :

Tgt Ion:106 Resp: 258897

Ion Ratio Lower Upper

106 100

91 210.8 152.0 282.2



#55

Styrene

Concen: 27.416 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027493.D

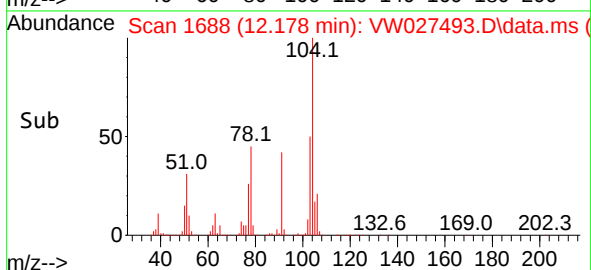
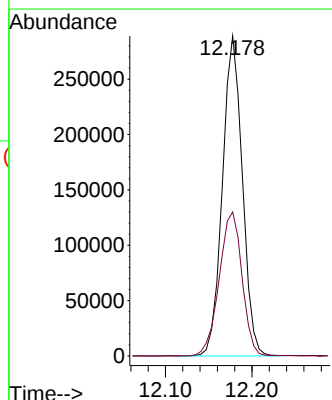
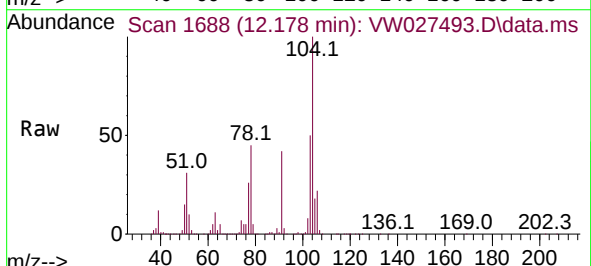
Acq: 01 Nov 2023 10:37

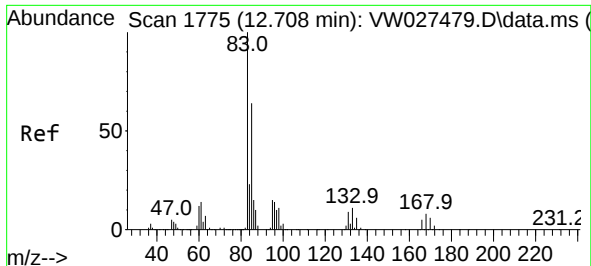
Tgt Ion:104 Resp: 462050

Ion Ratio Lower Upper

104 100

78 45.0 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 28.646 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

ClientSampleId :

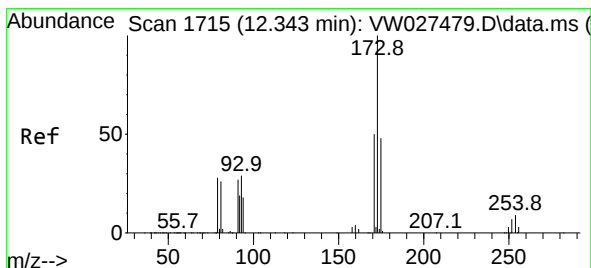
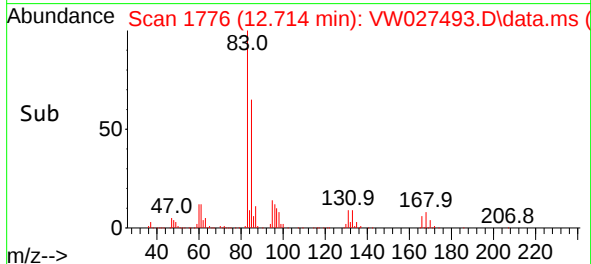
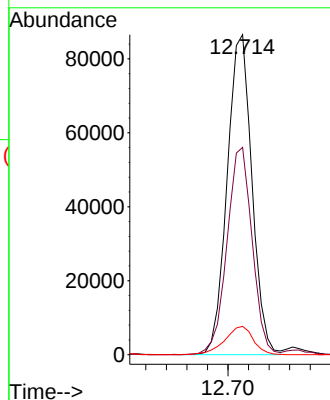
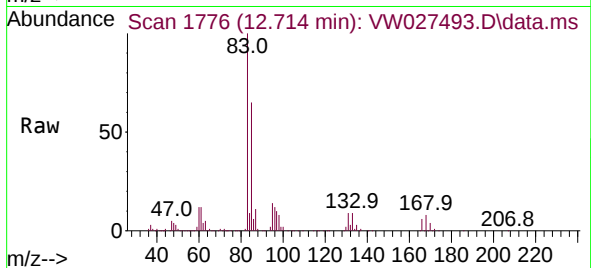
Tgt Ion: 83 Resp: 145014

Ion Ratio Lower Upper

83 100

85 64.8 43.2 80.2

131 8.8 7.2 10.8



#59

Bromoform

Concen: 23.288 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

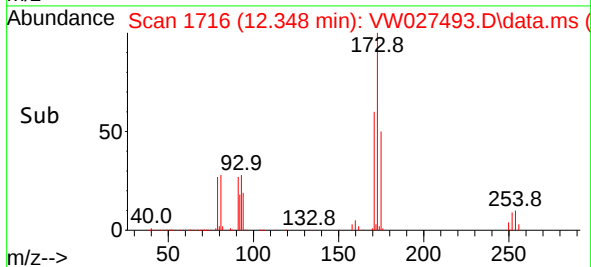
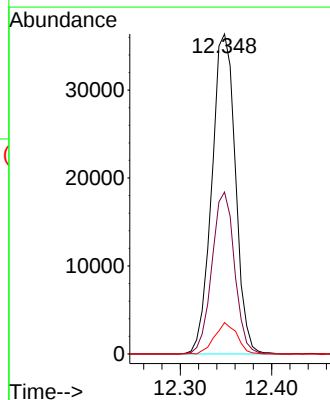
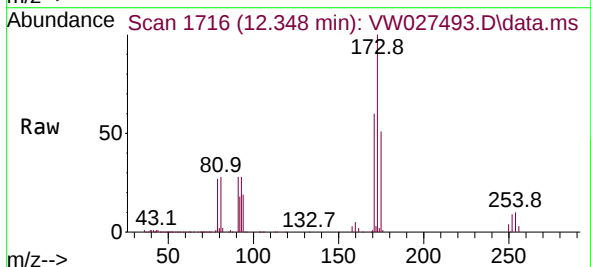
Tgt Ion: 173 Resp: 65254

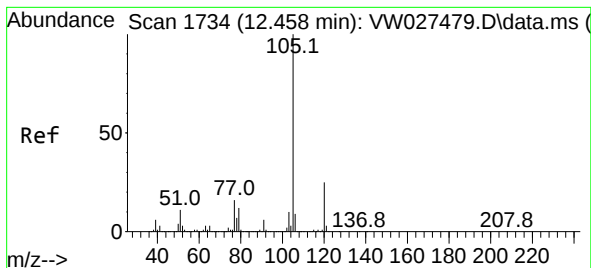
Ion Ratio Lower Upper

173 100

175 48.6 39.6 59.4

254 9.3 6.6 10.0

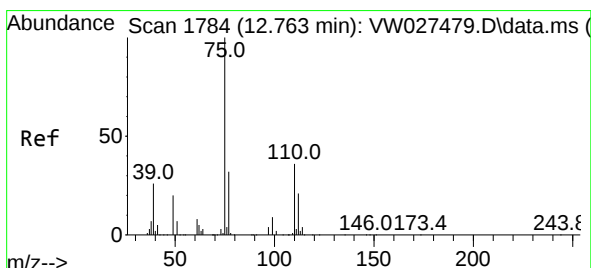
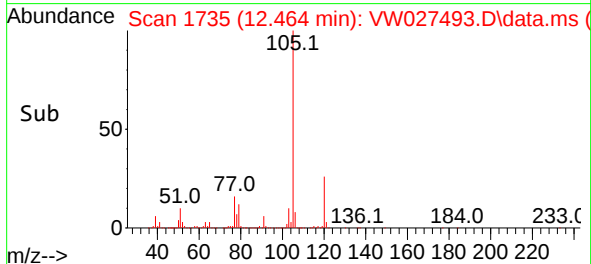
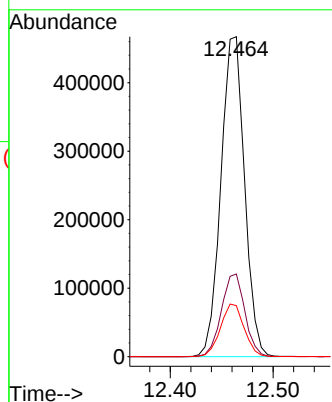
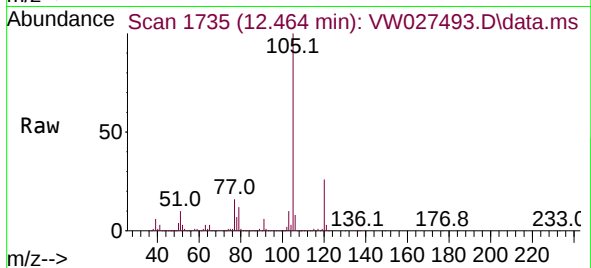




#60
Isopropylbenzene
Concen: 25.203 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

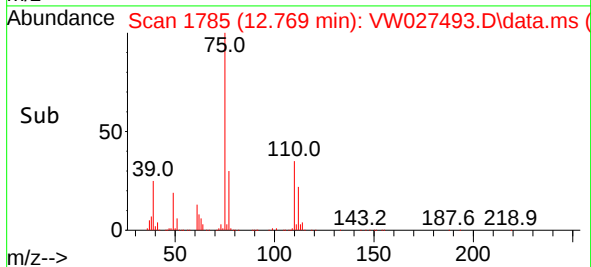
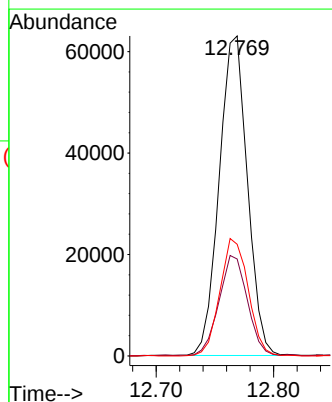
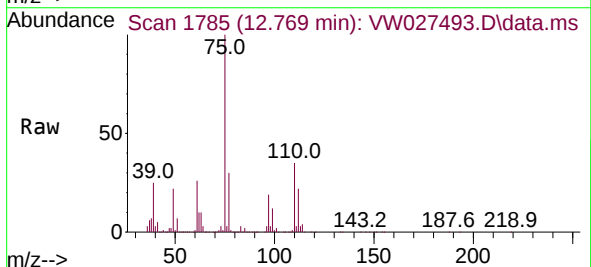
Instrument :
MSVOA_W
ClientSampleId :

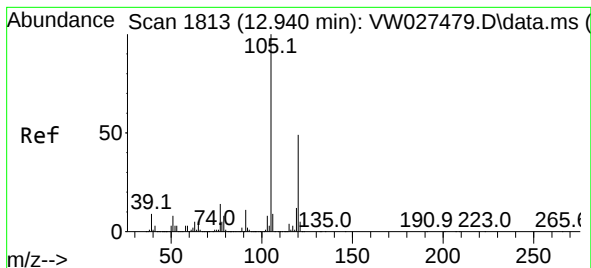
Tgt Ion:105 Resp: 745552
Ion Ratio Lower Upper
105 100
120 25.7 20.1 30.1
77 16.5 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 25.557 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion: 75 Resp: 105078
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
110 36.9 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 24.385 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

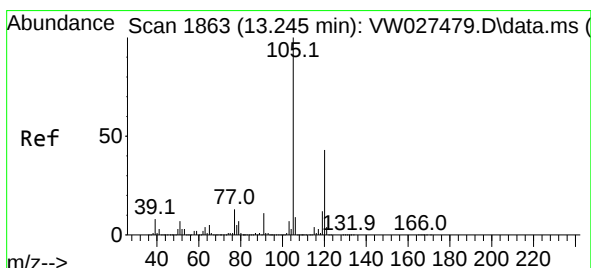
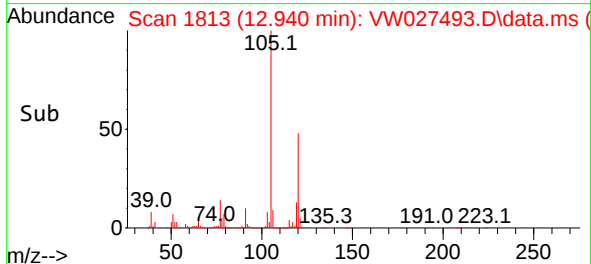
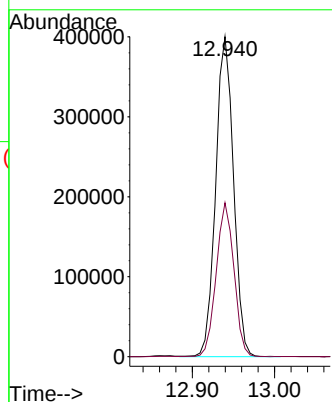
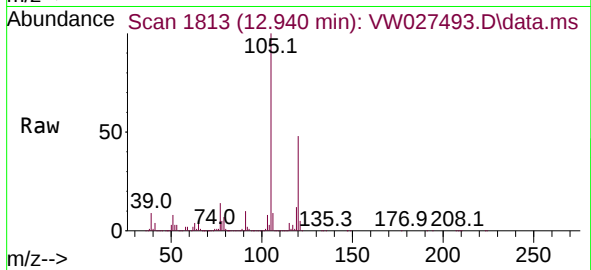
ClientSampleId :

Tgt Ion:105 Resp: 601713

Ion Ratio Lower Upper

105 100

120 47.8 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 24.870 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027493.D

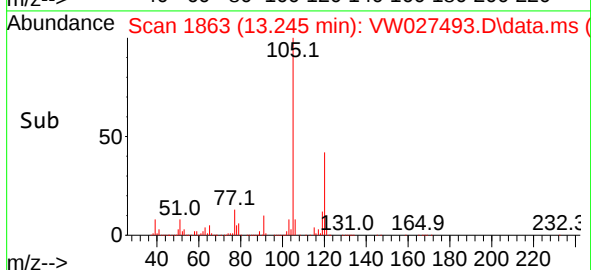
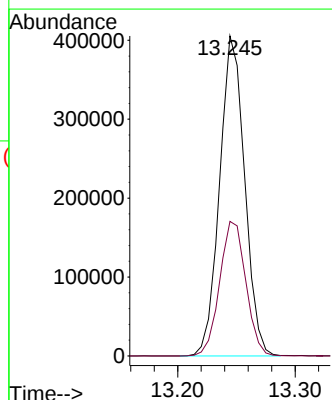
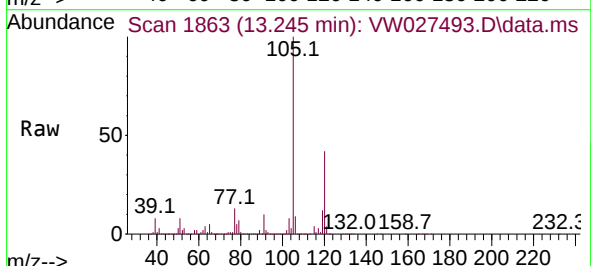
Acq: 01 Nov 2023 10:37

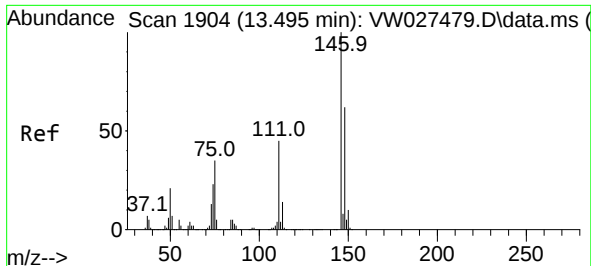
Tgt Ion:105 Resp: 600434

Ion Ratio Lower Upper

105 100

120 44.0 35.4 53.2

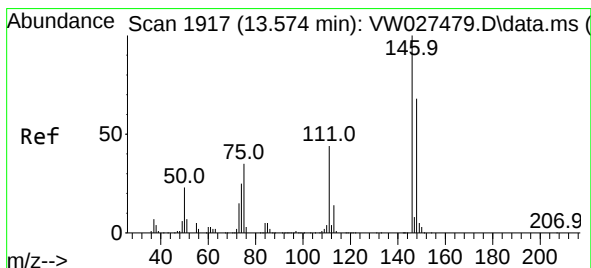
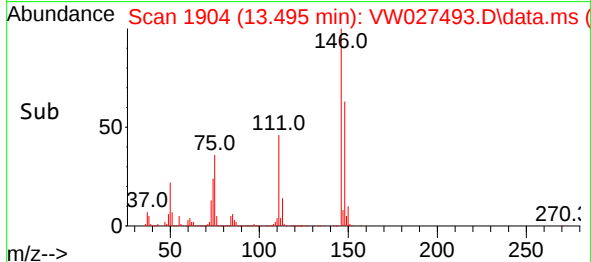
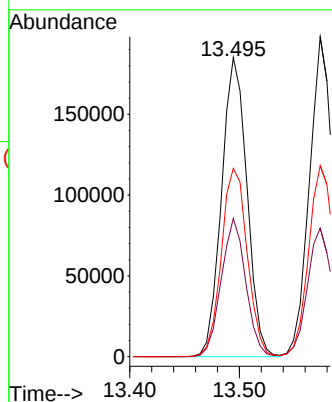
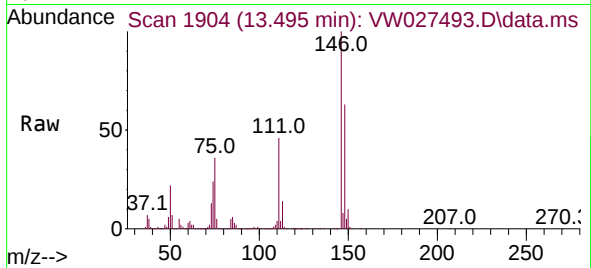




#64
1,3-Dichlorobenzene
Concen: 24.834 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

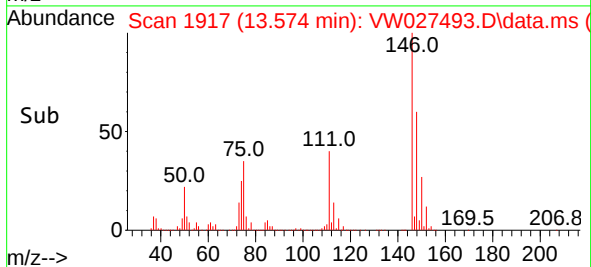
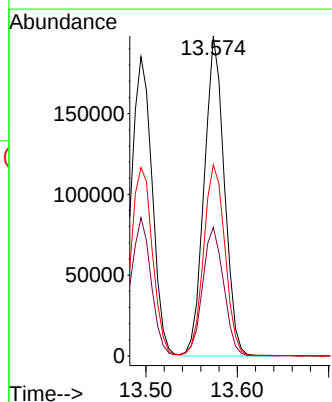
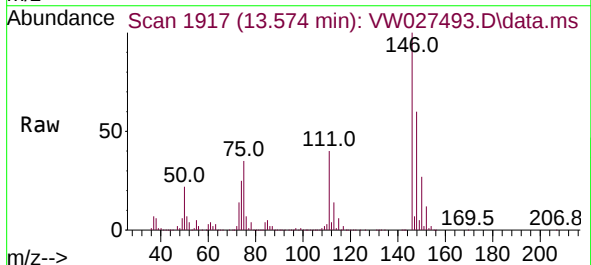
Instrument :
MSVOA_W
ClientSampleId :

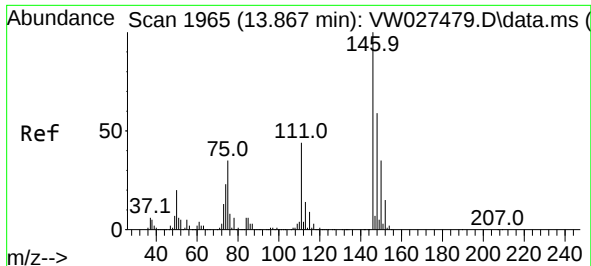
Tgt Ion:146 Resp: 297909
Ion Ratio Lower Upper
146 100
111 46.2 30.8 57.2
148 62.9 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 25.287 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion:146 Resp: 302929
Ion Ratio Lower Upper
146 100
111 40.2 29.5 54.9
148 59.7 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 25.346 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

ClientSampleId :

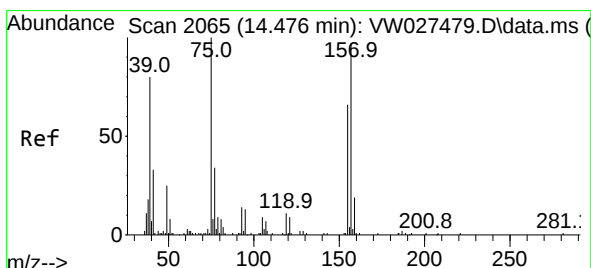
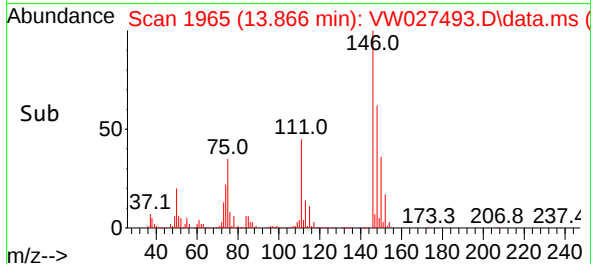
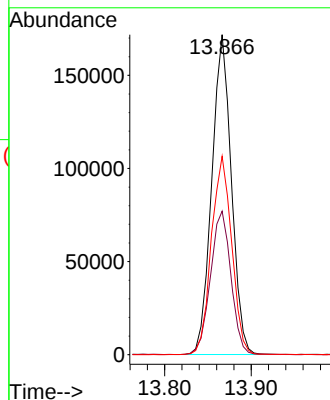
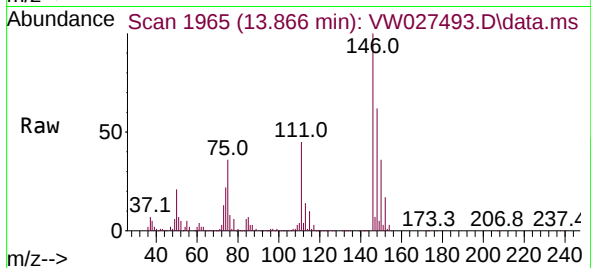
Tgt Ion:146 Resp: 269798

Ion Ratio Lower Upper

146 100

111 44.8 36.8 55.2

148 62.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.418 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.007 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

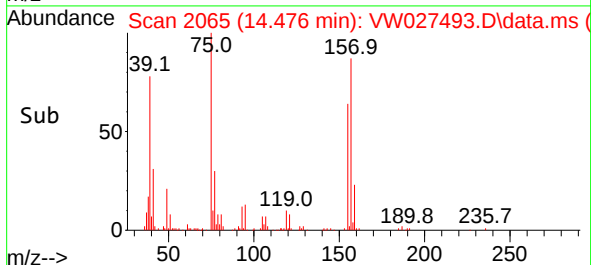
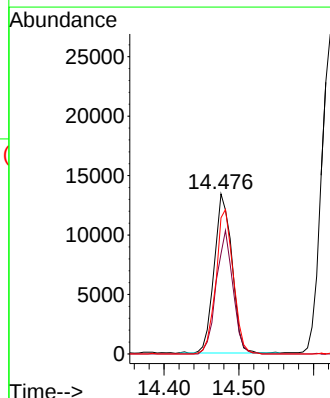
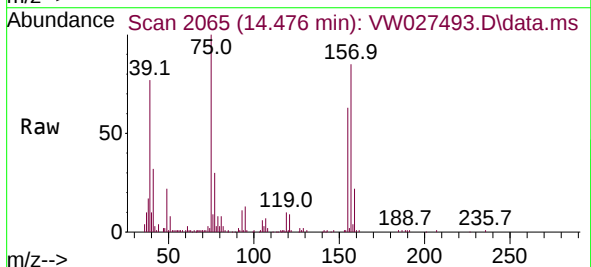
Tgt Ion: 75 Resp: 22009

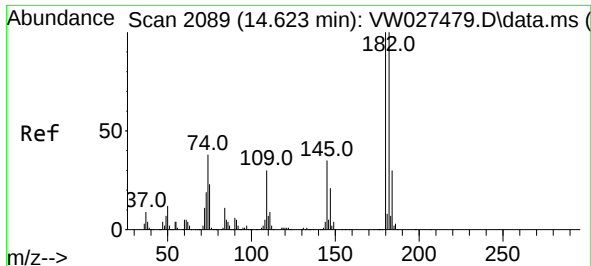
Ion Ratio Lower Upper

75 100

155 62.6 54.9 82.3

157 85.1 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 25.391 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

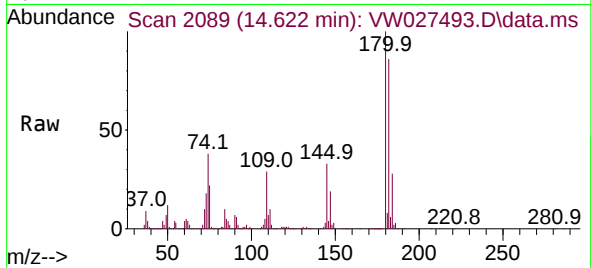
Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 197729

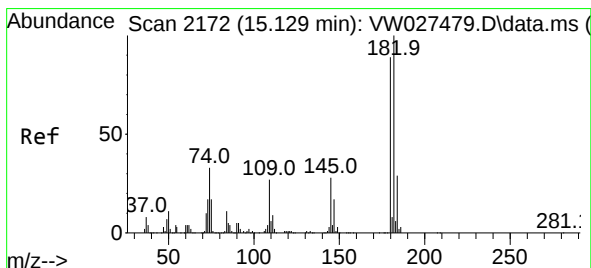
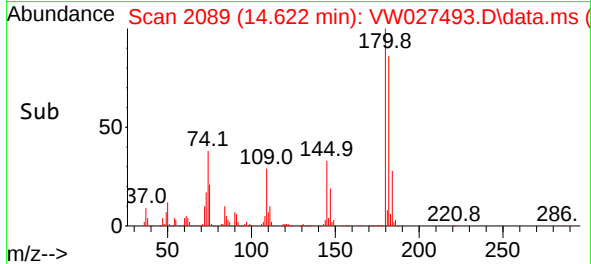
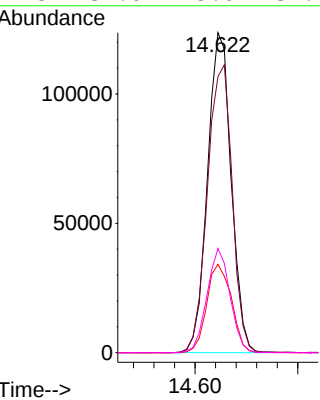
Ion Ratio Lower Upper

180 100

182 94.1 73.4 110.0

184 28.8 23.3 34.9

145 31.6 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.058 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027493.D

Acq: 01 Nov 2023 10:37

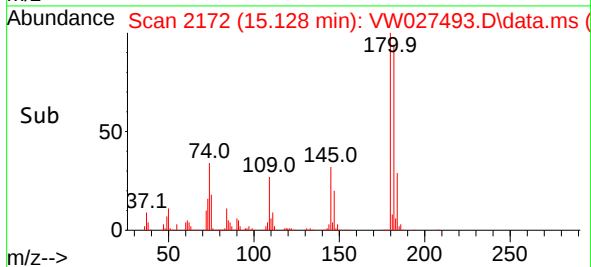
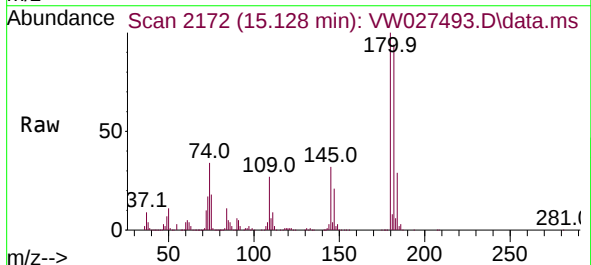
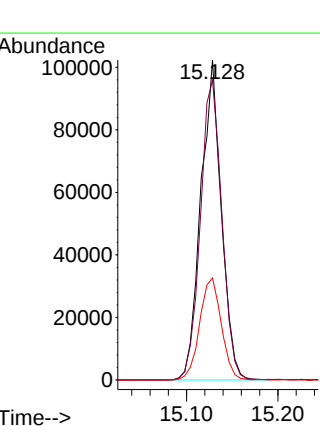
Tgt Ion:180 Resp: 159459

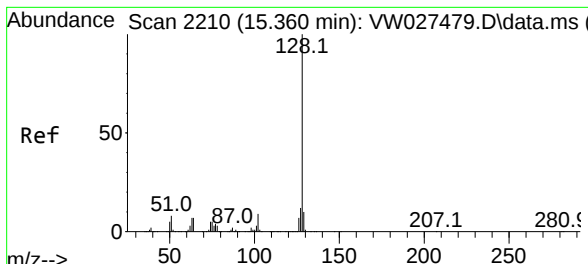
Ion Ratio Lower Upper

180 100

182 98.4 75.5 113.3

145 33.6 26.4 39.6



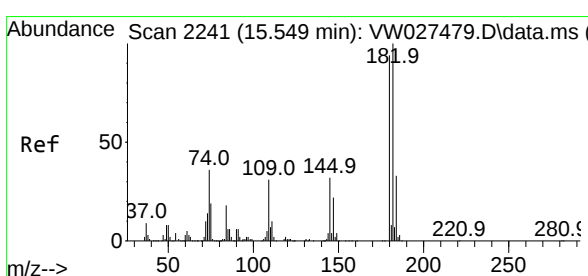
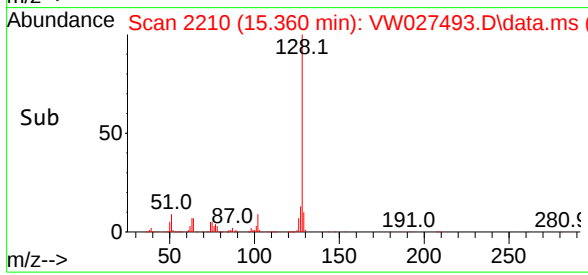
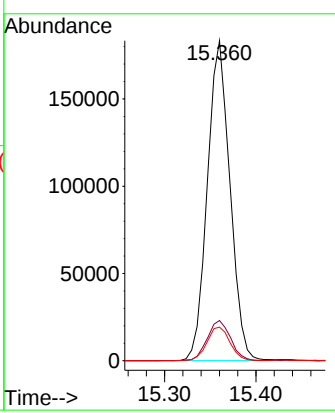
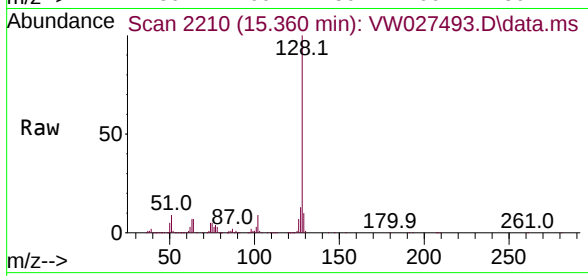


#71
Naphthalene
Concen: 23.141 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 315423

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.8	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.780 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027493.D
Acq: 01 Nov 2023 10:37

Tgt Ion:180 Resp: 135055

Ion	Ratio	Lower	Upper
180	100		
182	97.2	81.1	121.7
145	33.9	30.6	45.8

