

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
 Data File : VW027491.D
 Acq On : 31 Oct 2023 17:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 01:51:19 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	373143	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346270	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186247	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	98734	17.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.360%
7) Chloroethane-d5	2.899	69	86526	21.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	4.021	65	52087	18.254	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.000%
21) 2-Butanone-d5	7.081	46	103954	54.921	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.840%
24) Chloroform-d	7.648	84	274767	24.706	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	8.307	65	144829	24.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.960%
32) Benzene-d6	8.276	84	514112	21.945	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.760%
36) 1,2-Dichloropropane-d6	9.270	67	174489	24.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.520%
41) Toluene-d8	10.325	98	438490	20.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.560%
43) trans-1,3-Dichloroprop...	10.575	79	62790	19.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.000%
47) 2-Hexanone-d5	10.922	63	76868	51.921	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148522	27.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.280%
66) 1,2-Dichlorobenzene-d4	13.849	152	151652	22.469	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	89349	20.125	ug/L	92
3) Chloromethane	2.223	50	121468	23.807	ug/L	99
5) Vinyl chloride	2.381	62	131989	23.159	ug/L	96
6) Bromomethane	2.790	94	75130	23.144	ug/L	94
8) Chloroethane	2.936	64	80919	24.666	ug/L	97
9) Trichlorofluoromethane	3.265	101	107196	26.660	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	117207	23.279	ug/L	97
12) 1,1-Dichloroethene	4.045	96	112012	22.892	ug/L	86
13) Acetone	4.125	43	69205	42.332	ug/L	99
14) Carbon disulfide	4.393	76	283378	18.682	ug/L	98
15) Methyl Acetate	4.673	43	69542	24.906	ug/L	97
16) Methylene chloride	4.917	84	145235	21.263	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	123407	23.468	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	225138	24.815	ug/L	99
19) 1,1-Dichloroethane	6.216	63	279743	26.074	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	150155	25.285	ug/L	100
22) 2-Butanone	7.167	43	99107	40.501	ug/L	98
23) Bromochloromethane	7.520	128	60715	24.764	ug/L	98
25) Chloroform	7.679	83	268006	26.690	ug/L	100

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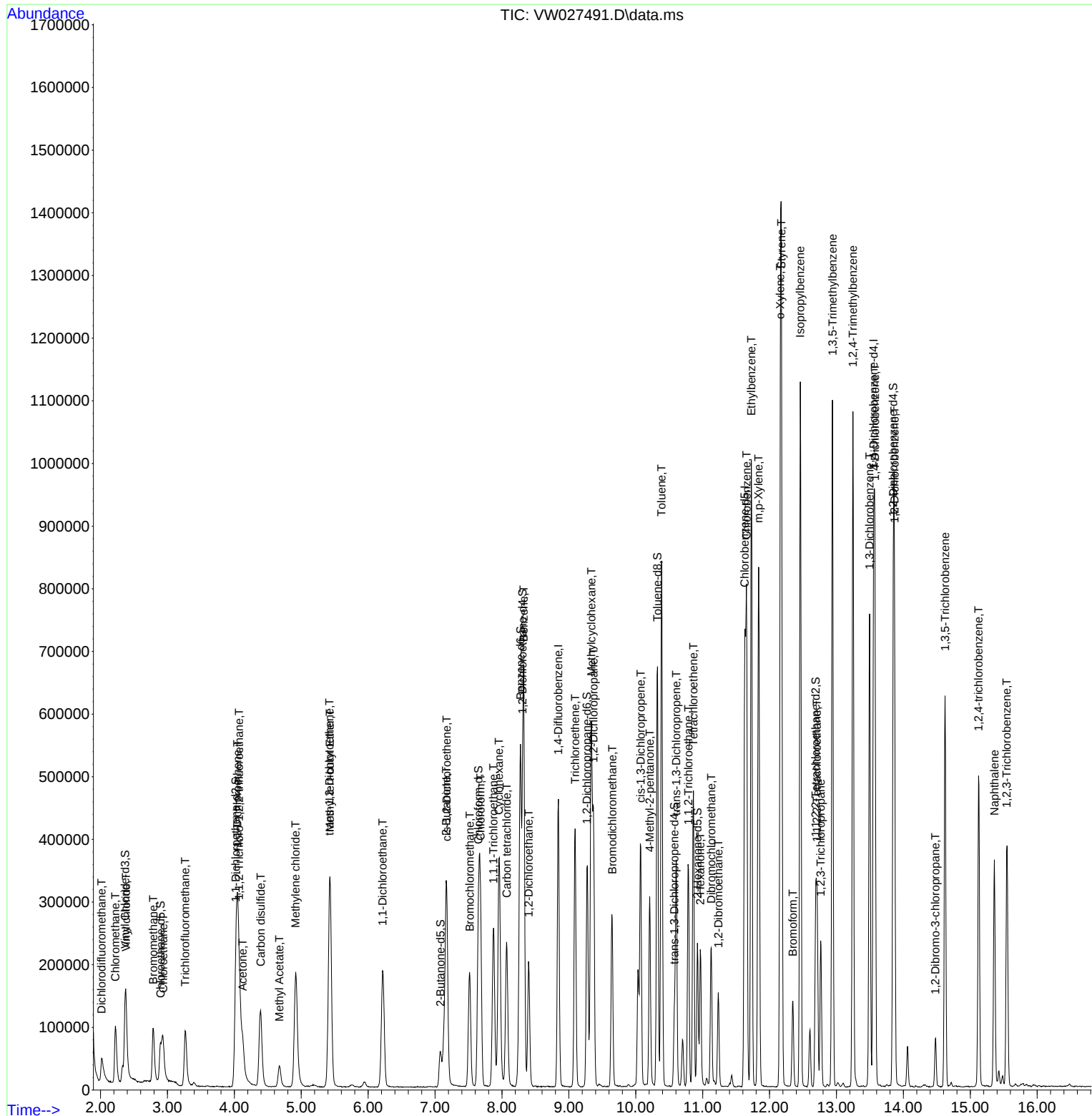
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	175100	25.670	ug/L	98
29) Cyclohexane	7.953	56	224341	21.338	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	206514	24.449	ug/L	98
31) Carbon tetrachloride	8.069	117	176059	23.116	ug/L	99
33) Benzene	8.325	78	568643	25.128	ug/L	100
34) Trichloroethene	9.093	95	146438	24.497	ug/L	95
35) Methylcyclohexane	9.337	83	234652	21.951	ug/L	99
37) 1,2-Dichloropropane	9.368	63	160851	26.288	ug/L	100
38) Bromodichloromethane	9.648	83	189276	25.156	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	235117	23.261	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	208856	49.633	ug/L	98
42) Toluene	10.386	91	595604	25.089	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	190272	22.310	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	110659	26.281	ug/L	96
46) Tetrachloroethene	10.861	164	100357	24.314	ug/L	94
48) 2-Hexanone	10.965	43	145400	46.684	ug/L	98
49) Dibromochloromethane	11.130	129	113722	24.319	ug/L	96
50) 1,2-Dibromoethane	11.233	107	99522	24.378	ug/L	99
51) Chlorobenzene	11.654	112	381434	25.658	ug/L	98
52) Ethylbenzene	11.727	91	698975	25.337	ug/L	98
53) m,p-Xylene	11.837	106	256250	24.490	ug/L	99
54) o-Xylene	12.160	106	248566	24.807	ug/L	95
55) Styrene	12.178	104	438909	25.649	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	137371	26.725	ug/L	99
59) Bromoform	12.349	173	60994	22.009	ug/L	97
60) Isopropylbenzene	12.459	105	682733	23.335	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	99363	24.434	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	568727	23.303	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	560234	23.461	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	292624	24.663	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	286524	24.182	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	259019	24.602	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	19778	19.460	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	182014	23.632	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	145669	22.221	ug/L	98
71) Naphthalene	15.360	128	288534	21.403	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	124395	23.076	ug/L	94

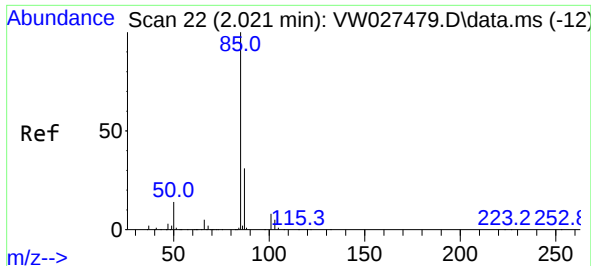
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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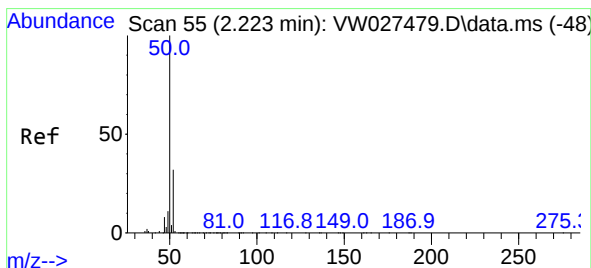
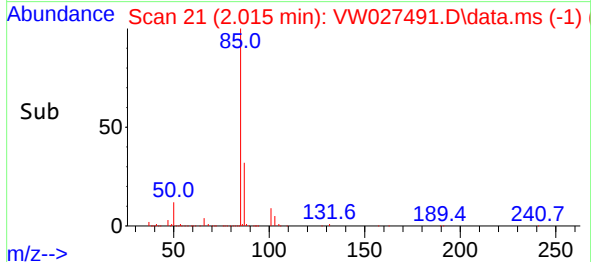
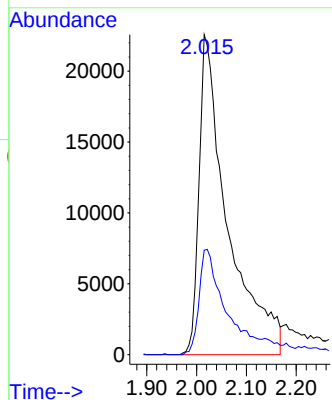
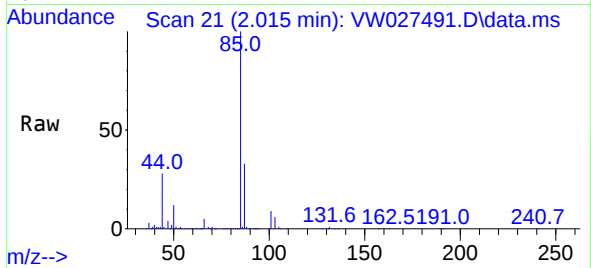




#2
Dichlorodifluoromethane
Concen: 20.125 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

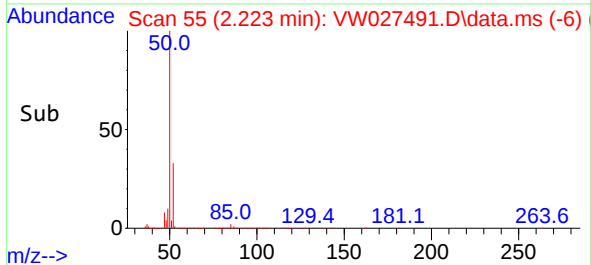
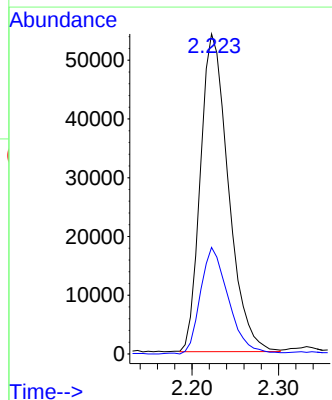
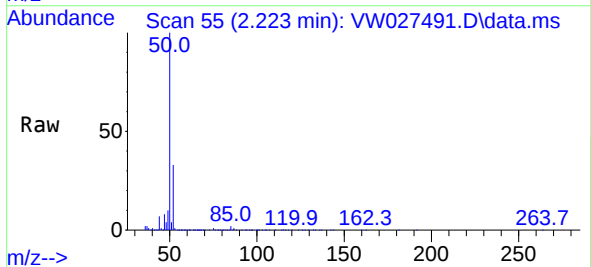
Instrument :
MSVOA_W
ClientSampleId :

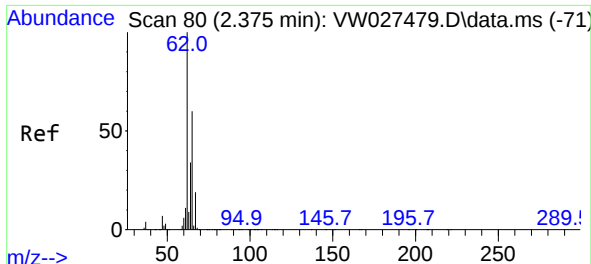
Tgt Ion: 85 Resp: 89349
Ion Ratio Lower Upper
85 100
87 27.0 18.3 27.5



#3
Chloromethane
Concen: 23.807 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion: 50 Resp: 121468
Ion Ratio Lower Upper
50 100
52 33.3 22.7 42.3





#5

Vinyl chloride

Concen: 23.159 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

Instrument :

MSVOA_W

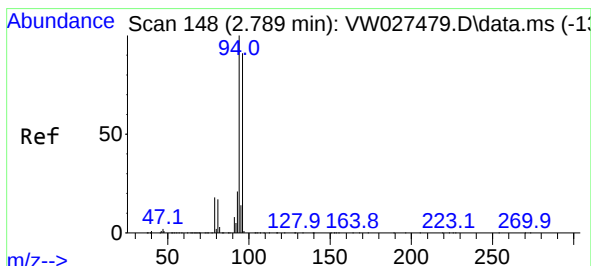
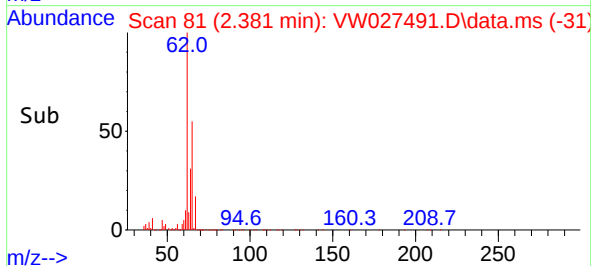
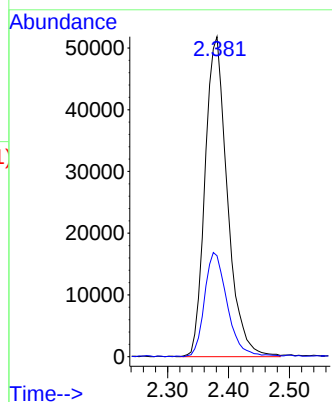
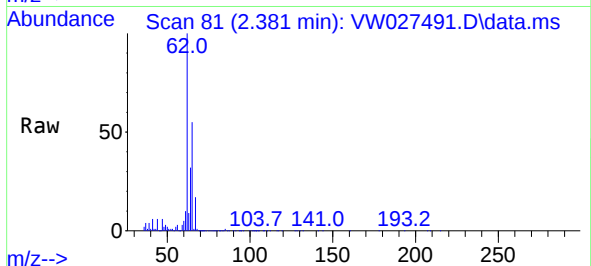
ClientSampleId :

Tgt Ion: 62 Resp: 131989

Ion Ratio Lower Upper

62 100

64 31.6 23.8 44.2



#6

Bromomethane

Concen: 23.144 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.006 min

Lab File: VW027491.D

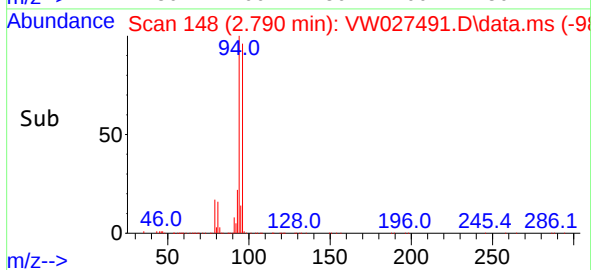
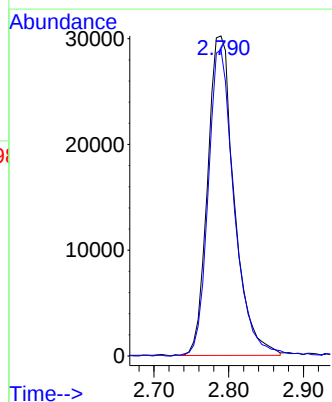
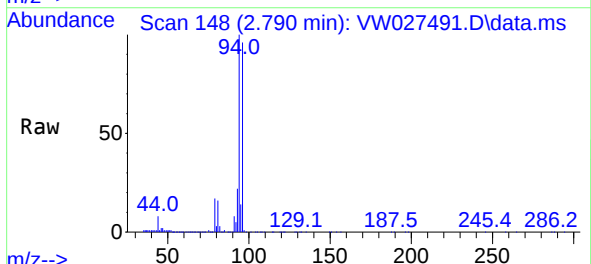
Acq: 31 Oct 2023 17:47

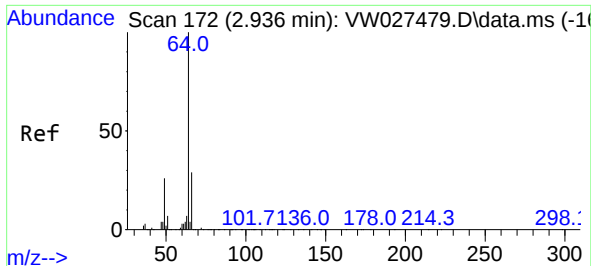
Tgt Ion: 94 Resp: 75130

Ion Ratio Lower Upper

94 100

96 95.7 62.9 116.9

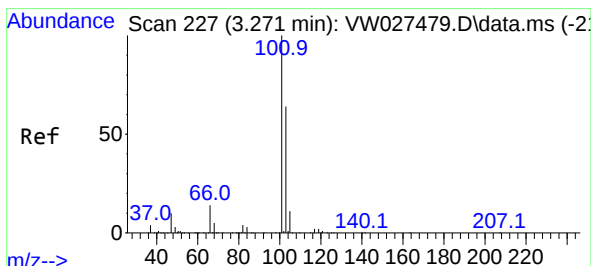
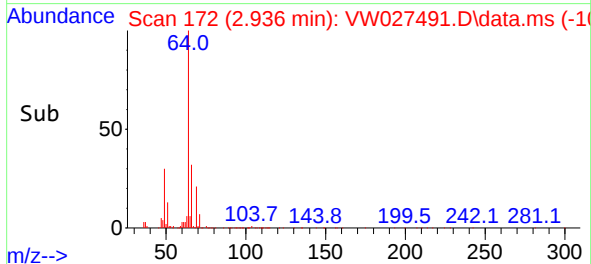
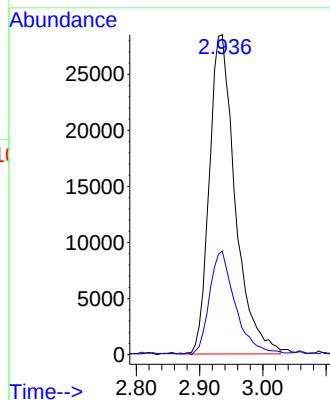
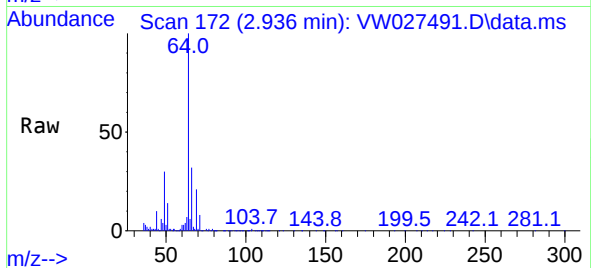




#8
Chloroethane
Concen: 24.666 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

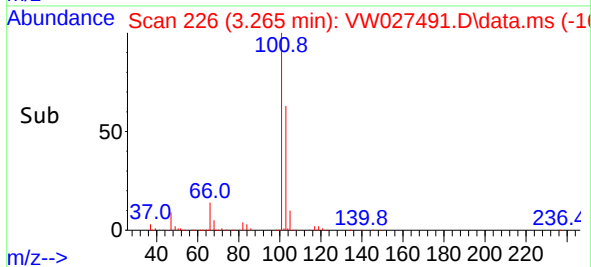
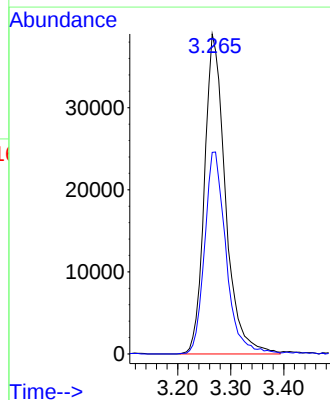
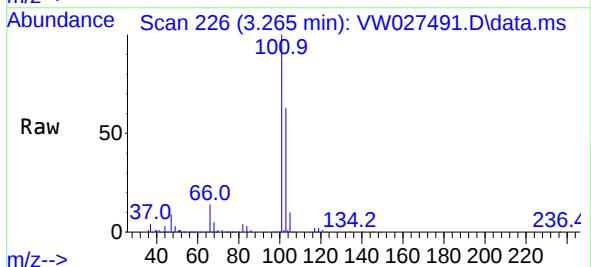
Instrument :
MSVOA_W
ClientSampleId :

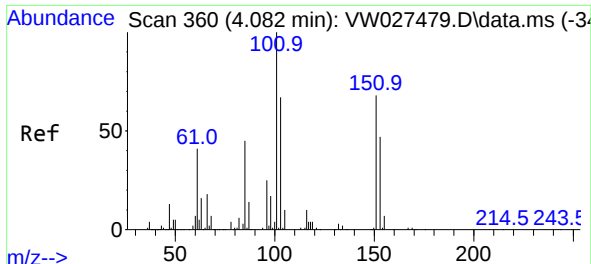
Tgt Ion: 64 Resp: 80919
Ion Ratio Lower Upper
64 100
66 32.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 26.660 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

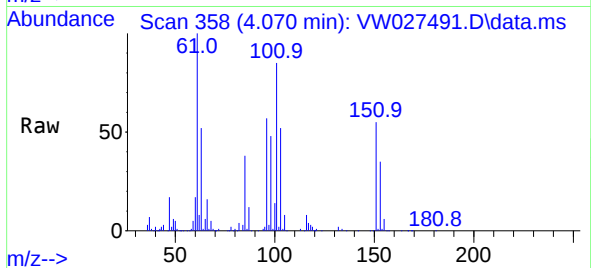
Tgt Ion:101 Resp: 107196
Ion Ratio Lower Upper
101 100
103 63.5 51.6 77.4





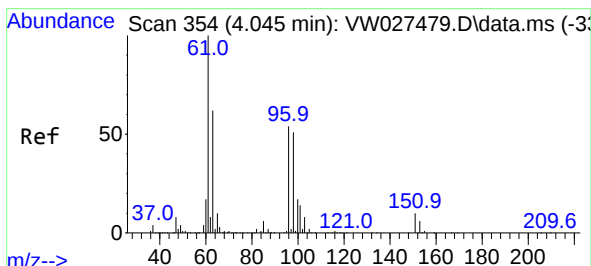
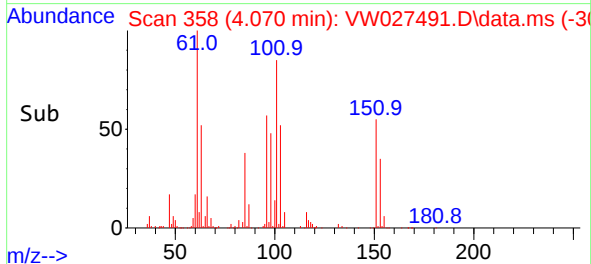
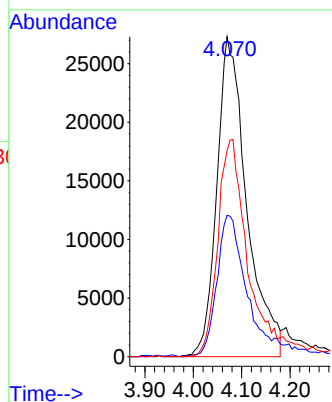
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.279 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW027491.D
 Acq: 31 Oct 2023 17:47

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:101 Resp: 117207

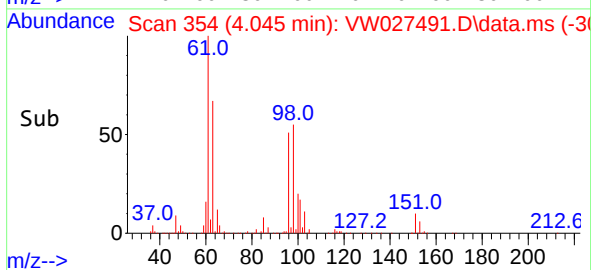
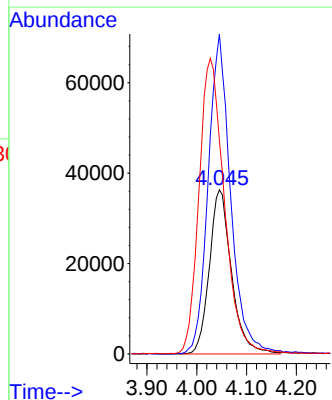
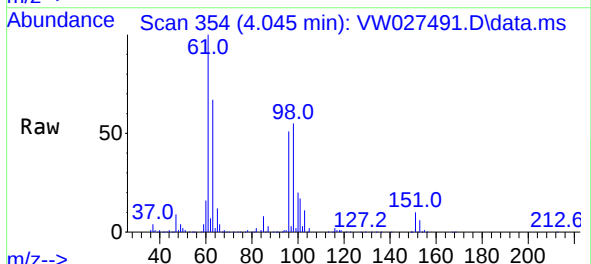
Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.1	51.1
151	65.6	49.5	74.3

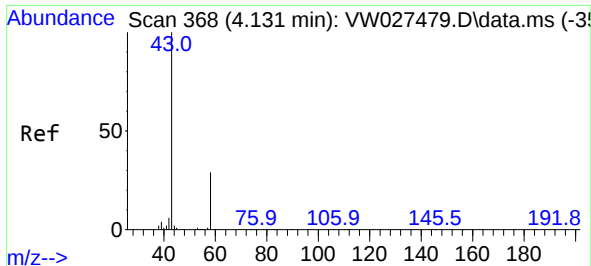


#12
 1,1-Dichloroethene
 Concen: 22.892 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027491.D
 Acq: 31 Oct 2023 17:47

Tgt Ion: 96 Resp: 112012

Ion	Ratio	Lower	Upper
96	100		
61	195.0	133.3	247.5
63	130.2	115.8	215.2

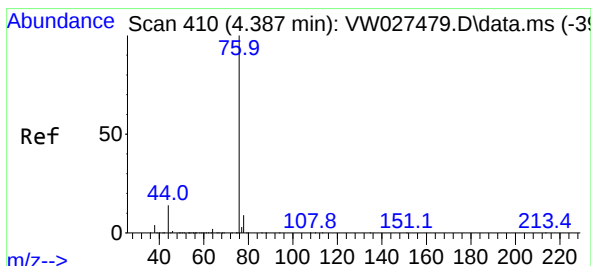
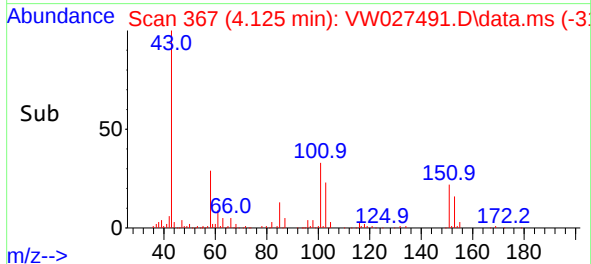
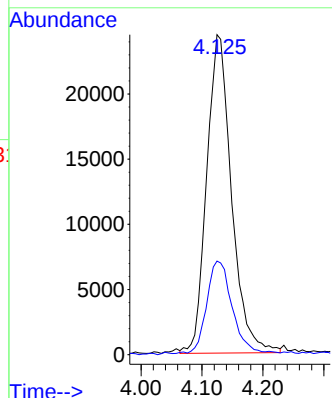
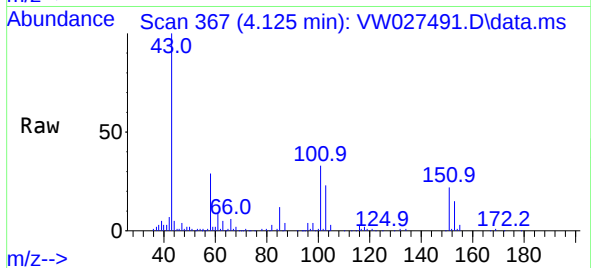




#13
Acetone
Concen: 42.332 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

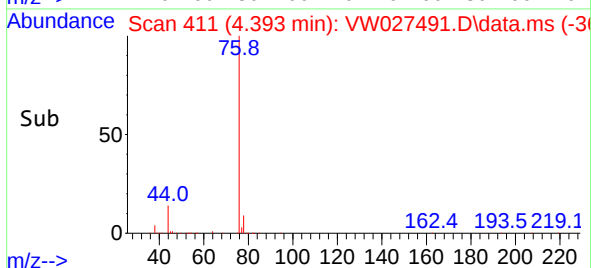
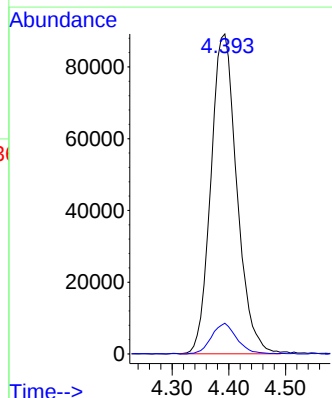
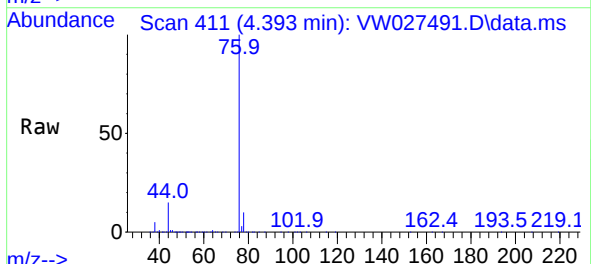
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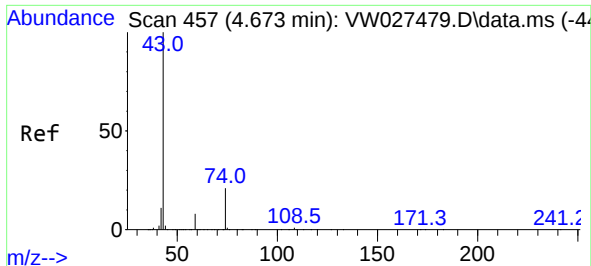
Tgt Ion: 43 Resp: 69205
Ion Ratio Lower Upper
43 100
58 29.8 0.0 60.8



#14
Carbon disulfide
Concen: 18.682 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 283378
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

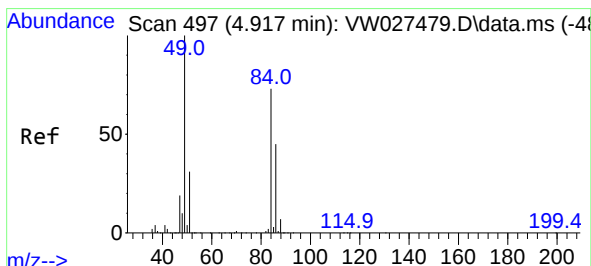
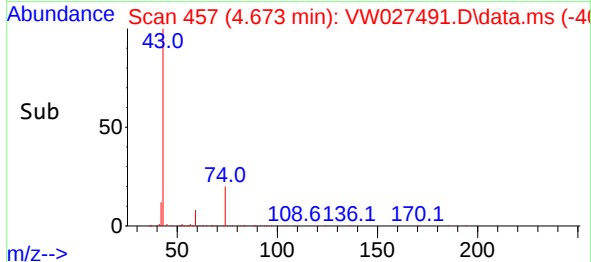
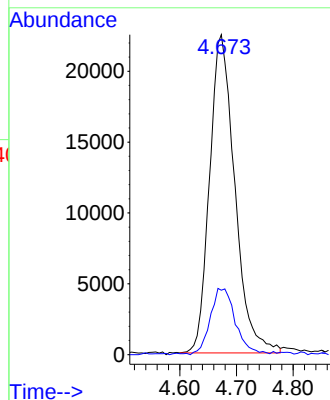
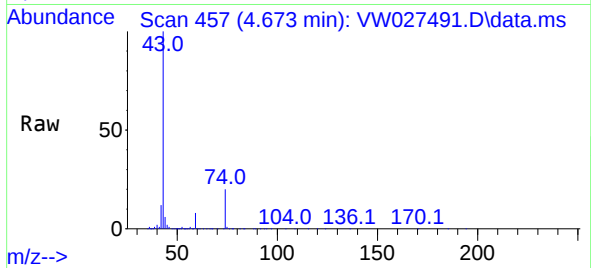




#15
Methyl Acetate
Concen: 24.906 ug/L
RT: 4.673 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

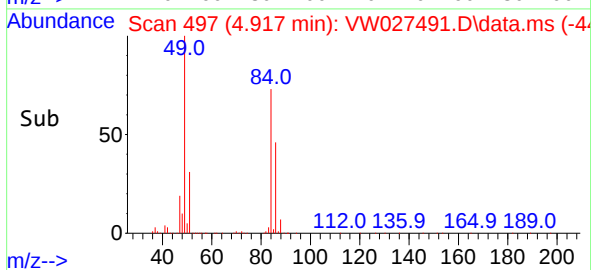
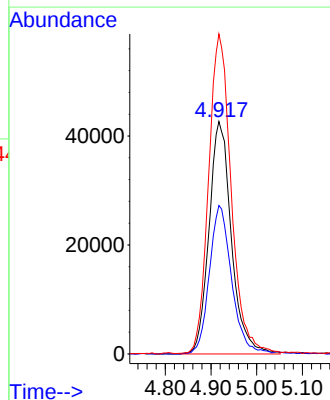
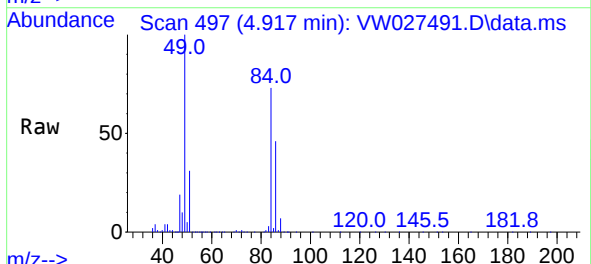
Instrument :
MSVOA_W
ClientSampleId :

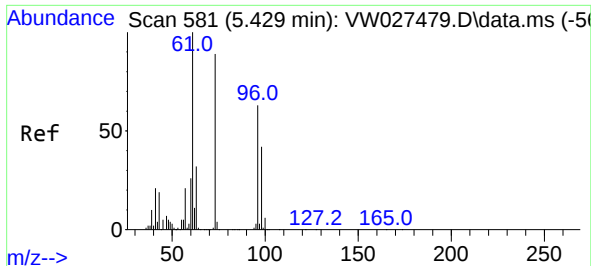
Tgt Ion: 43 Resp: 69542
Ion Ratio Lower Upper
43 100
74 20.5 17.5 26.3



#16
Methylene chloride
Concen: 21.263 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

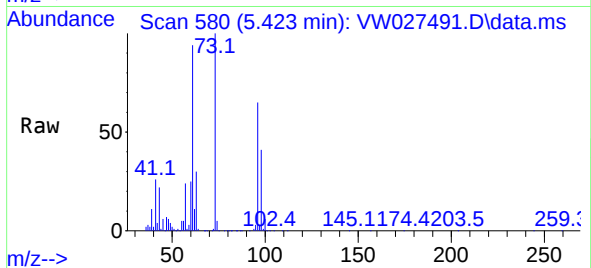
Tgt Ion: 84 Resp: 145235
Ion Ratio Lower Upper
84 100
86 63.9 41.3 76.7
49 137.6 92.8 172.4





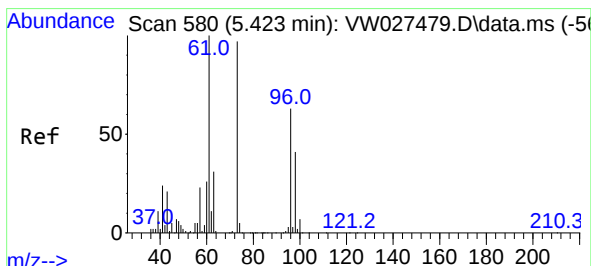
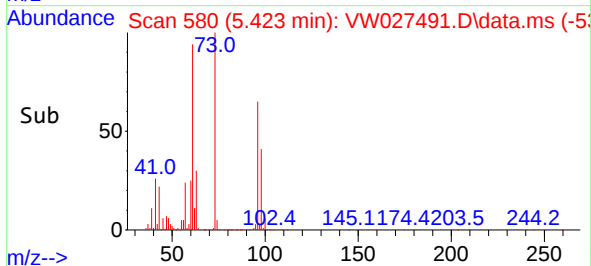
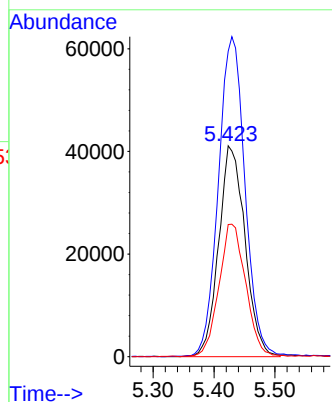
#17
trans-1,2-Dichloroethene
Concen: 23.468 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 123407

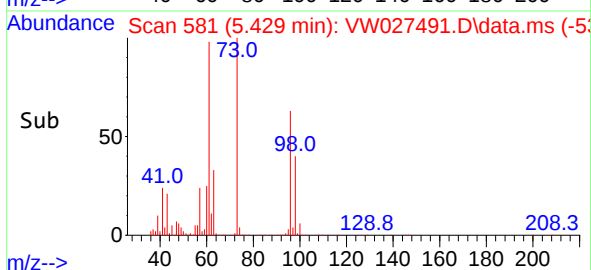
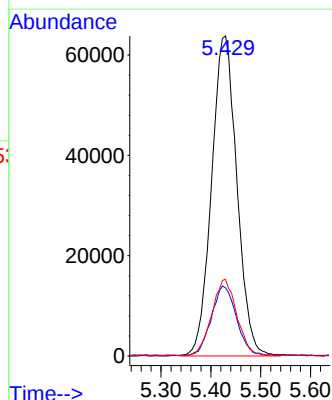
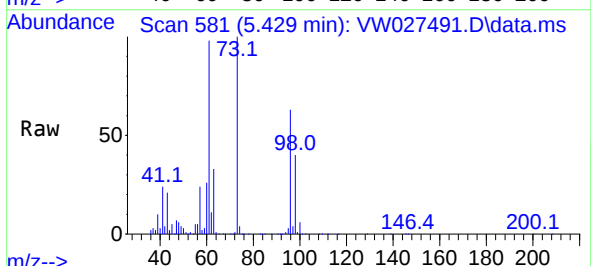
Ion	Ratio	Lower	Upper
96	100		
61	144.8	105.6	196.0
98	62.7	45.0	83.6

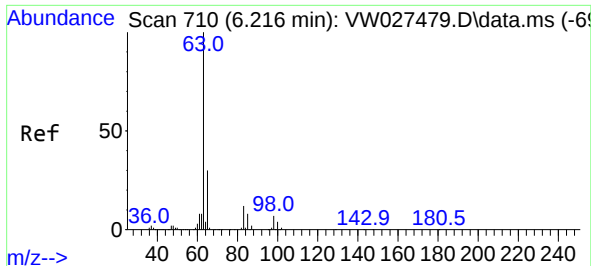


#18
Methyl tert-butyl Ether
Concen: 24.815 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion: 73 Resp: 225138

Ion	Ratio	Lower	Upper
73	100		
43	21.3	17.7	26.5
57	23.4	18.5	27.7





#19

1,1-Dichloroethane

Concen: 26.074 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

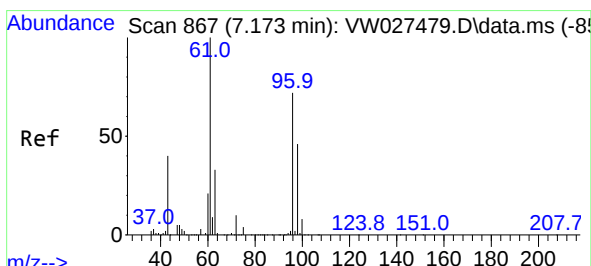
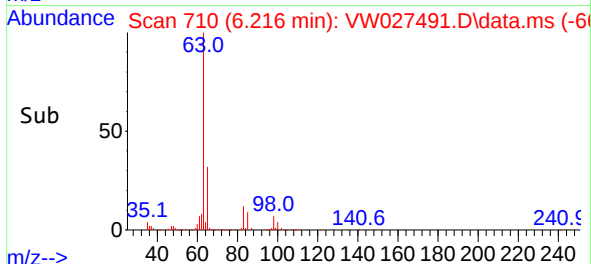
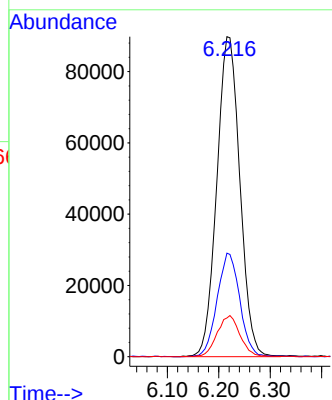
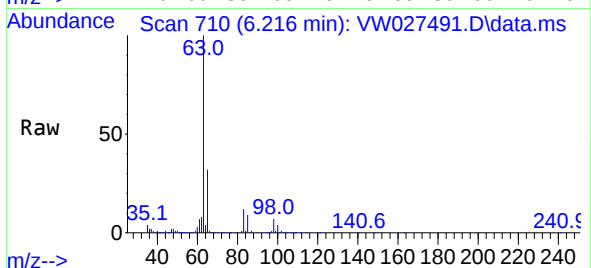
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63 Resp: 279743

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.9	42.5
83	12.1	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 25.285 ug/L

RT: 7.173 min Scan# 867

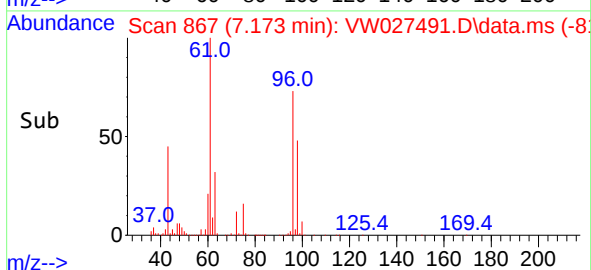
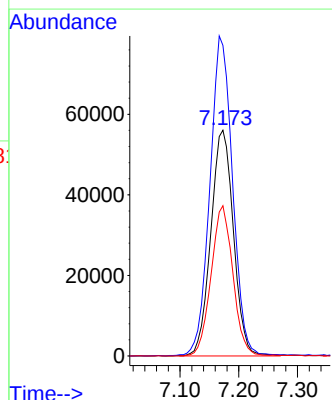
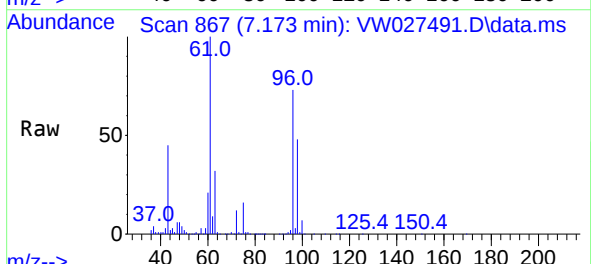
Delta R.T. -0.000 min

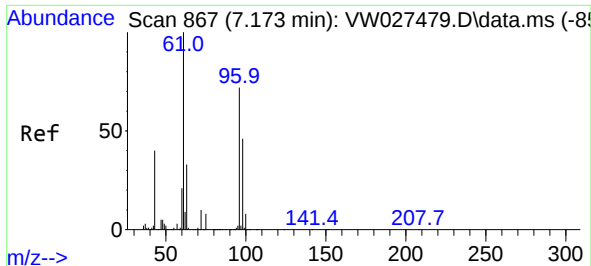
Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

Tgt Ion: 96 Resp: 150155

Ion	Ratio	Lower	Upper
96	100		
61	137.6	96.2	178.8
98	66.5	46.0	85.4

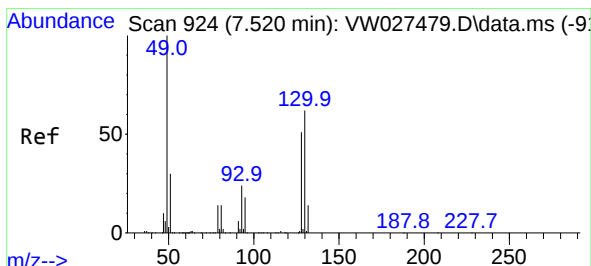
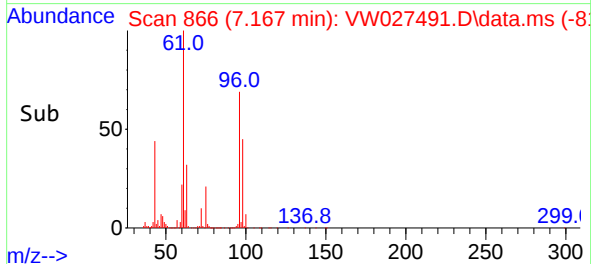
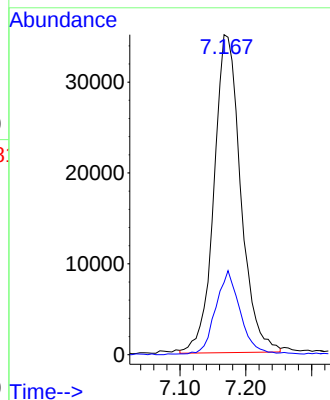
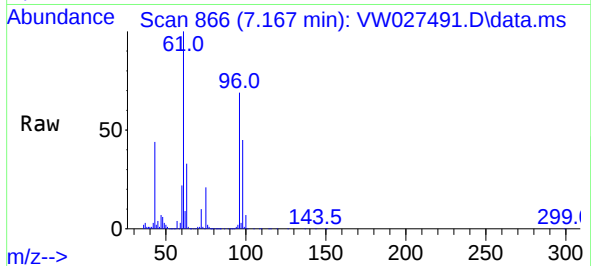




#22
2-Butanone
Concen: 40.501 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

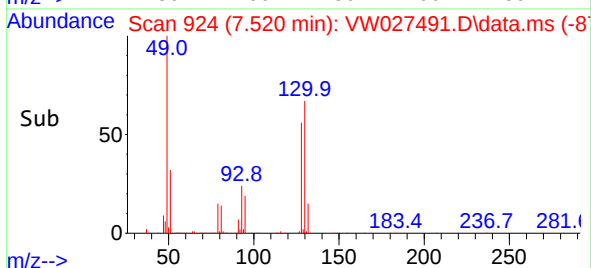
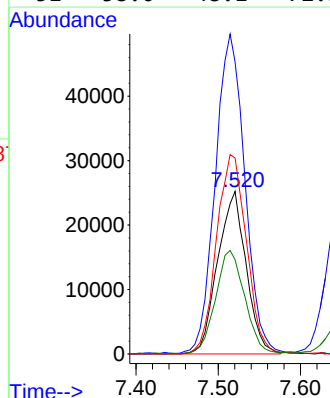
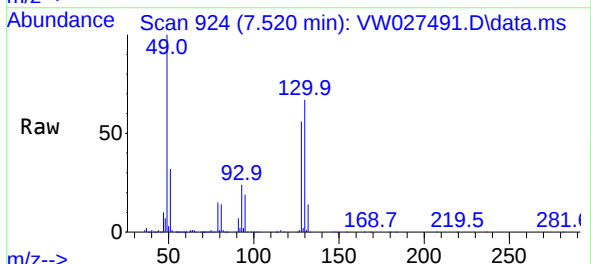
Instrument :
MSVOA_W
ClientSampleId :

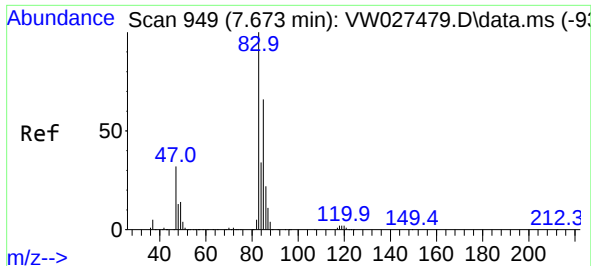
Tgt Ion: 43 Resp: 99107
Ion Ratio Lower Upper
43 100
72 23.7 12.3 36.8



#23
Bromochloromethane
Concen: 24.764 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion:128 Resp: 60715
Ion Ratio Lower Upper
128 100
49 179.7 128.9 239.5
130 120.6 85.0 157.8
51 58.0 48.1 72.1

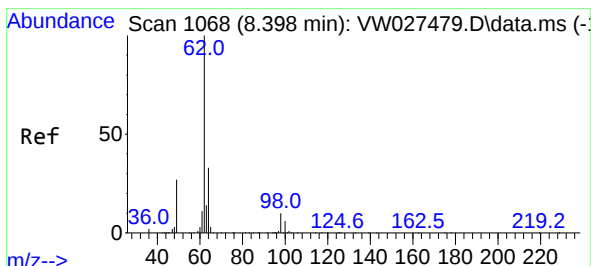
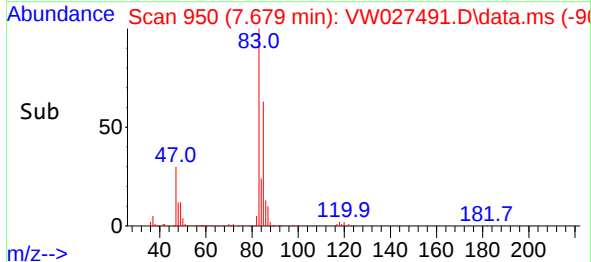
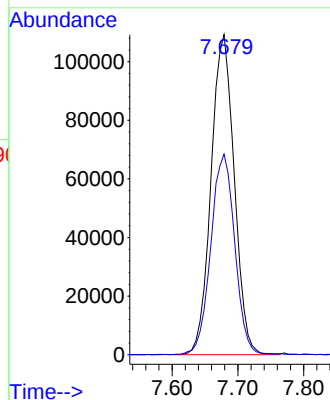
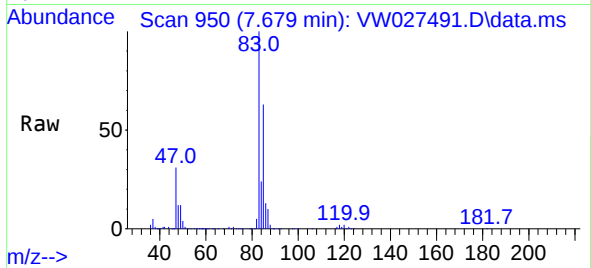




#25
Chloroform
Concen: 26.690 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

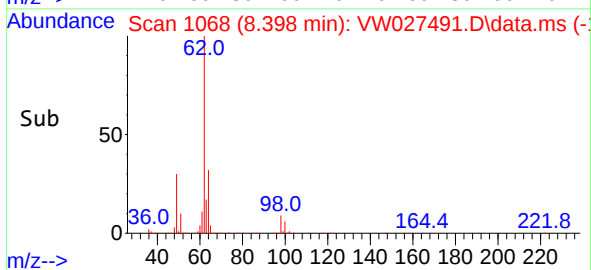
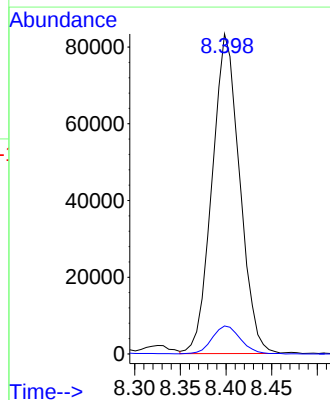
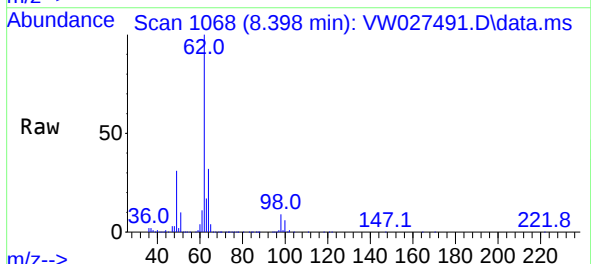
Instrument :
MSVOA_W
ClientSampleId :

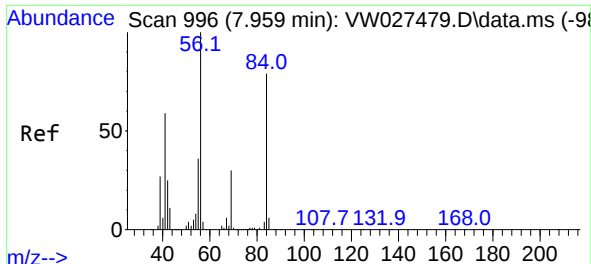
Tgt Ion: 83 Resp: 268006
Ion Ratio Lower Upper
83 100
85 62.6 44.1 81.9



#27
1,2-Dichloroethane
Concen: 25.670 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

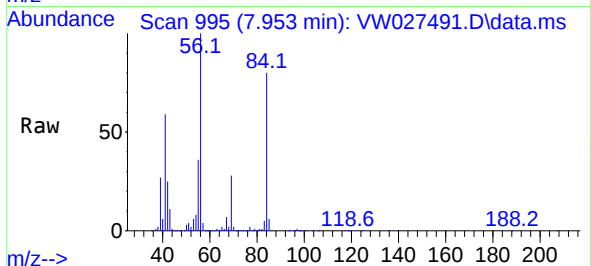
Tgt Ion: 62 Resp: 175100
Ion Ratio Lower Upper
62 100
98 8.8 7.5 11.3



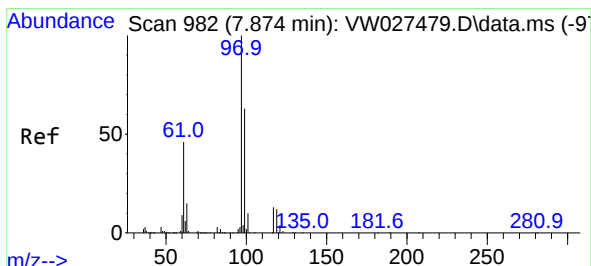
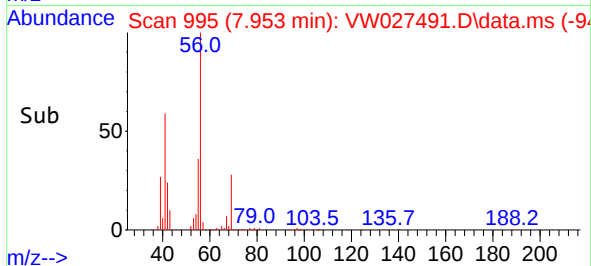
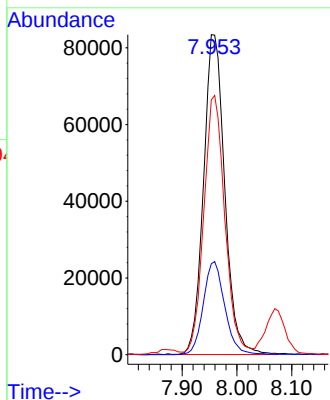


#29
Cyclohexane
Concen: 21.338 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Instrument :
MSVOA_W
ClientSampled :

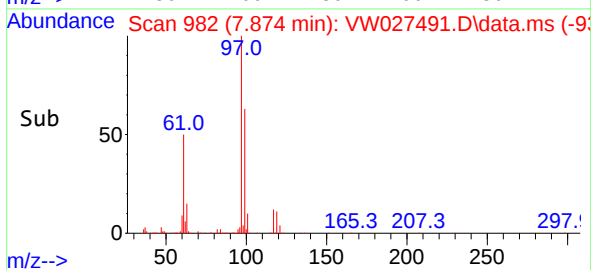
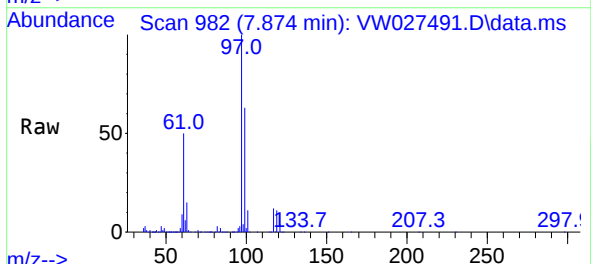
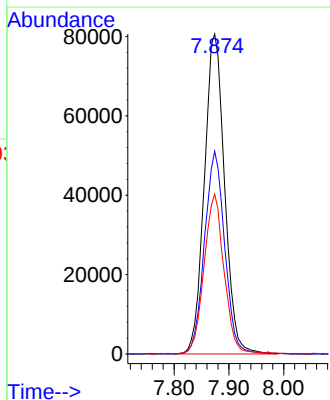


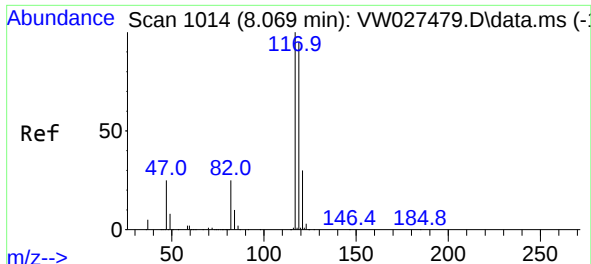
Tgt Ion: 56 Resp: 224341
Ion Ratio Lower Upper
56 100
69 29.3 24.2 36.4
84 79.2 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 24.449 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion: 97 Resp: 206514
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 49.3 37.4 56.0

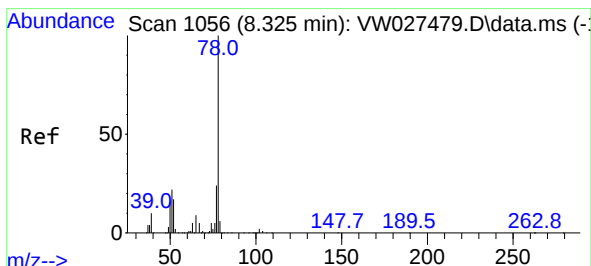
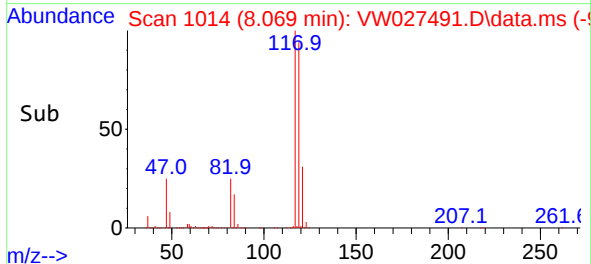
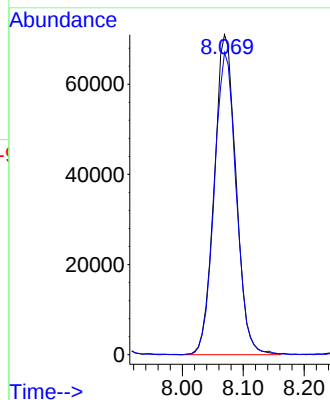
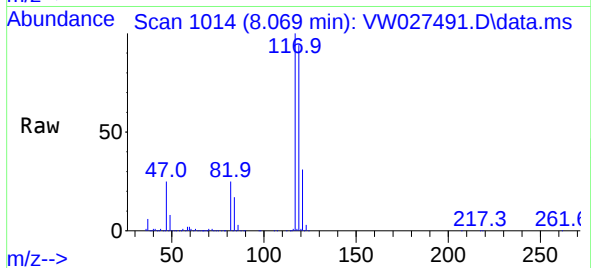




#31
Carbon tetrachloride
Concen: 23.116 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

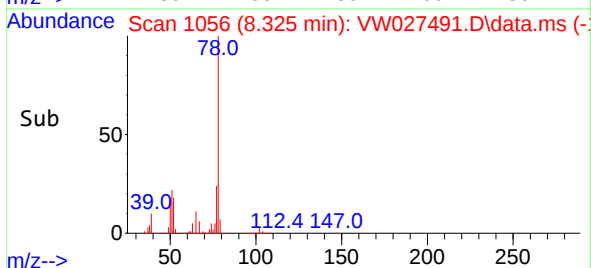
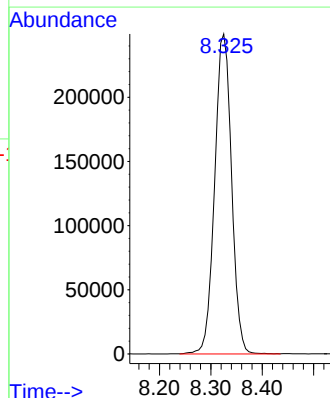
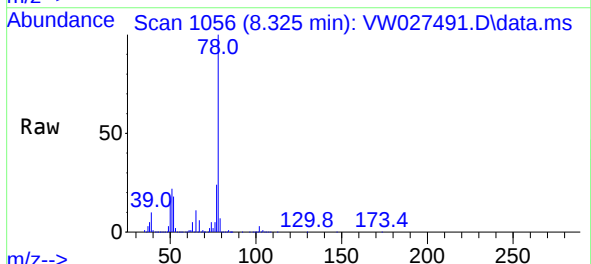
Instrument :
MSVOA_W
ClientSampleId :

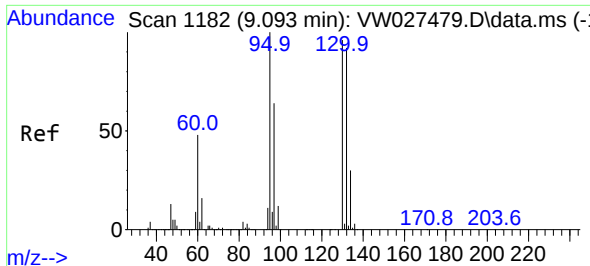
Tgt Ion:117 Resp: 176059
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7



#33
Benzene
Concen: 25.128 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion: 78 Resp: 568643

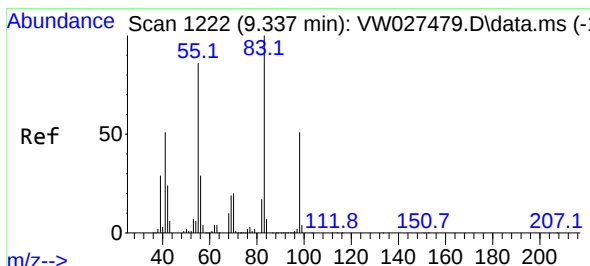
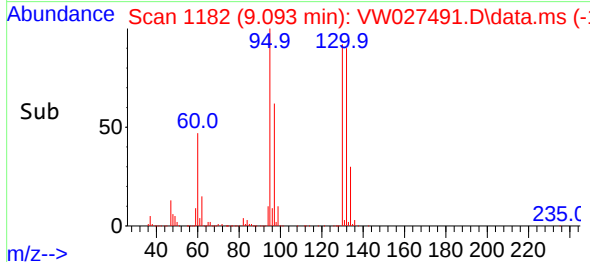
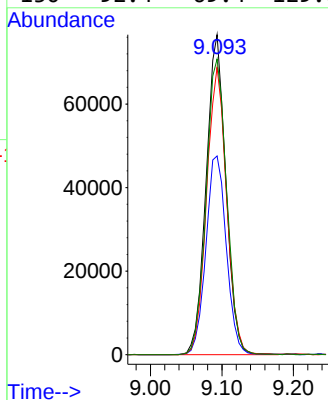
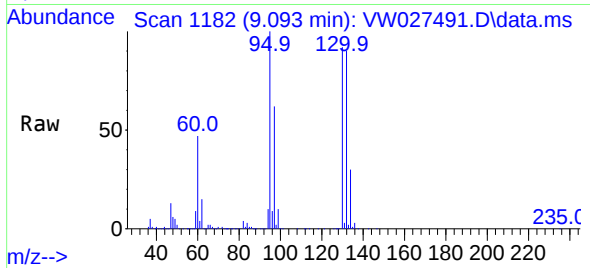




#34
Trichloroethene
Concen: 24.497 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

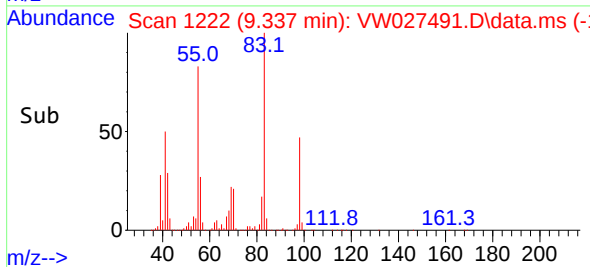
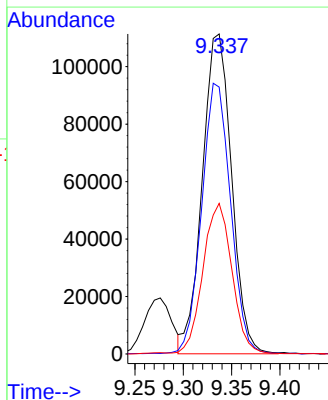
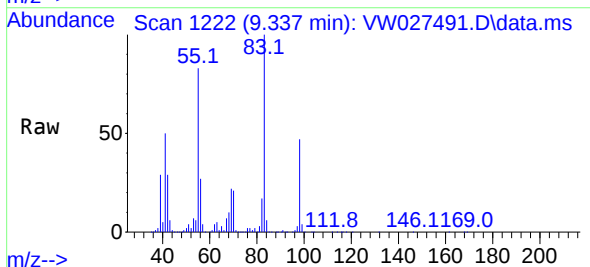
Instrument :
MSVOA_W
ClientSampleId :

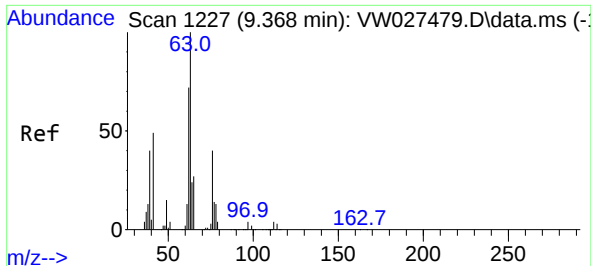
Tgt Ion: 95 Resp: 146438
Ion Ratio Lower Upper
95 100
97 62.1 43.4 80.6
132 89.8 67.6 125.6
130 92.4 69.4 129.0



#35
Methylcyclohexane
Concen: 21.951 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion: 83 Resp: 234652
Ion Ratio Lower Upper
83 100
55 83.7 65.8 98.8
98 46.7 38.1 57.1





#37

1,2-Dichloropropane

Concen: 26.288 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

Instrument :

MSVOA_W

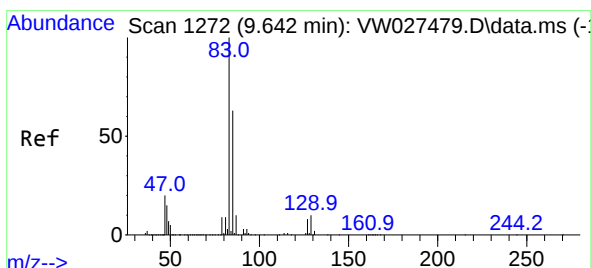
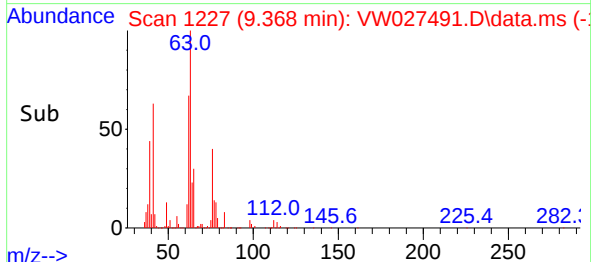
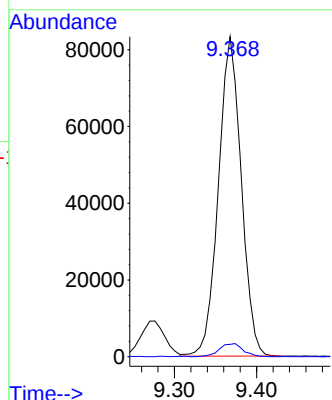
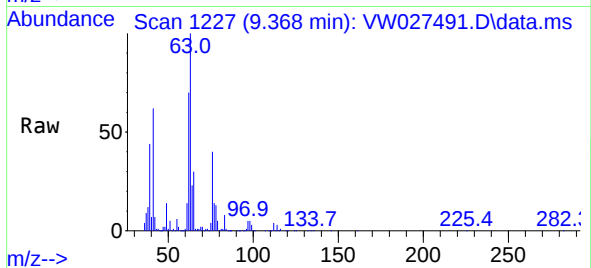
ClientSampleId :

Tgt Ion: 63 Resp: 160851

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 25.156 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

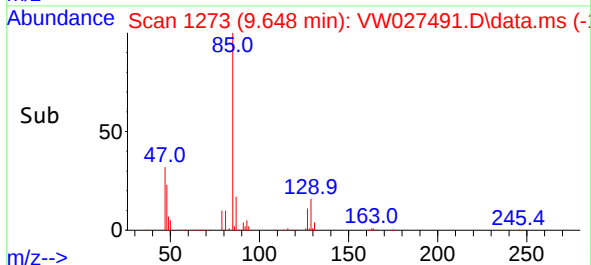
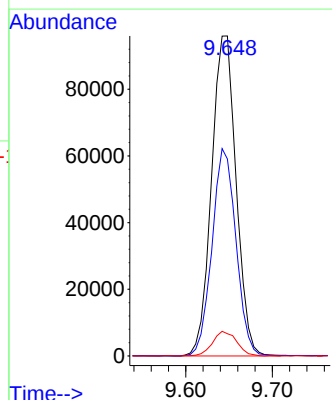
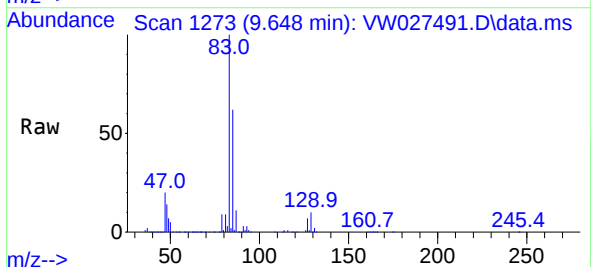
Tgt Ion: 83 Resp: 189276

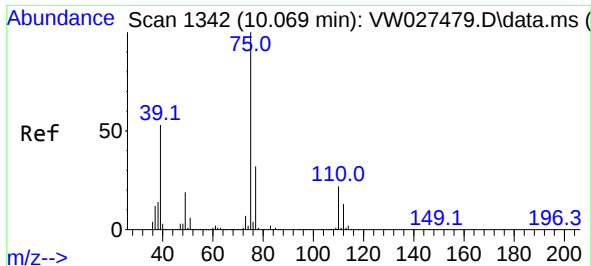
Ion Ratio Lower Upper

83 100

85 61.6 43.9 81.5

127 7.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.261 ug/L

RT: 10.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

Instrument :

MSVOA_W

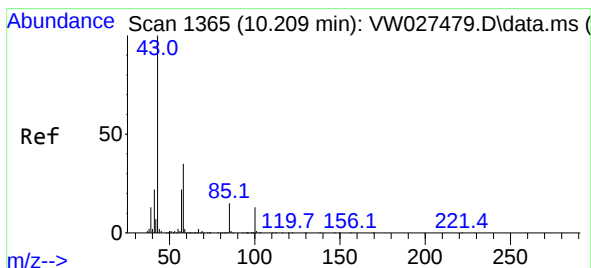
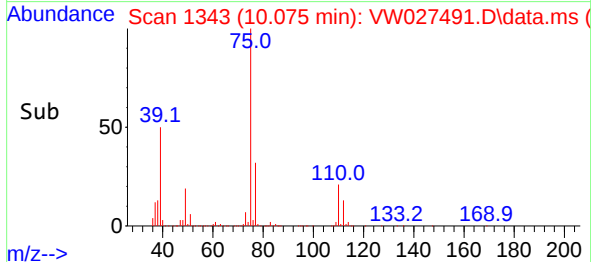
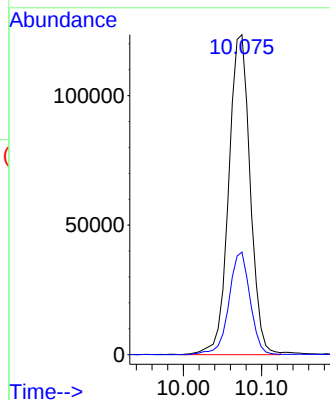
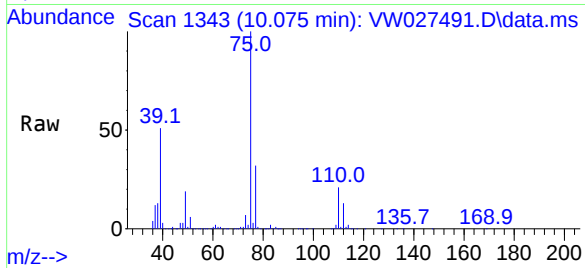
ClientSampleId :

Tgt Ion: 75 Resp: 235117

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 49.633 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

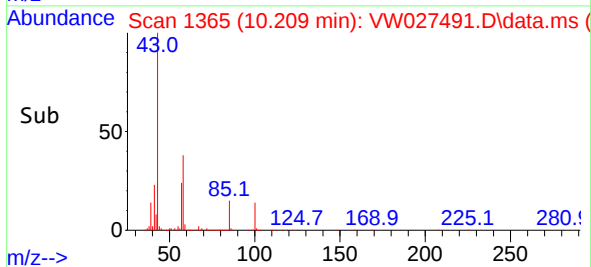
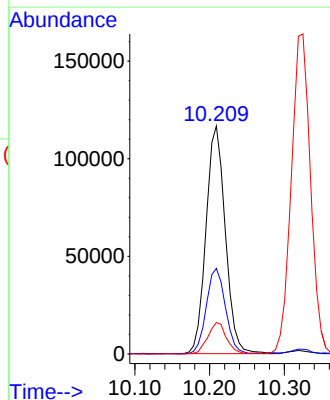
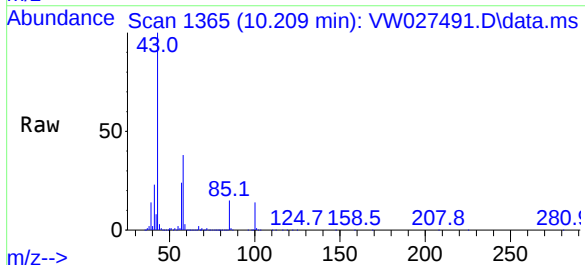
Tgt Ion: 43 Resp: 208856

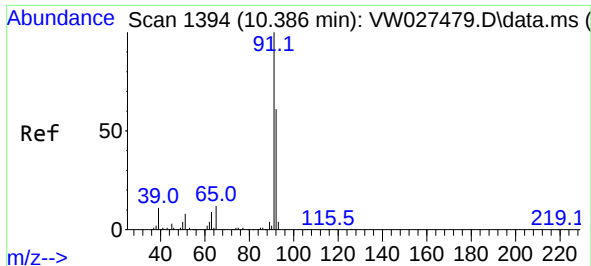
Ion Ratio Lower Upper

43 100

58 37.3 30.5 45.7

100 13.5 11.5 17.3

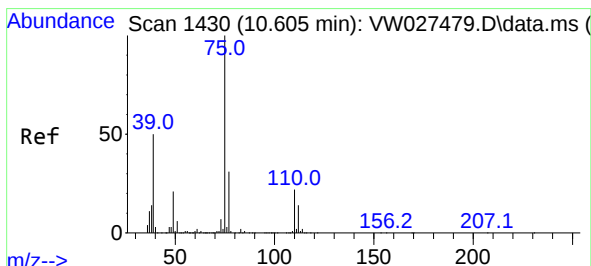
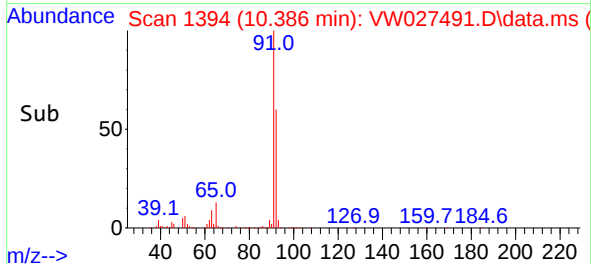
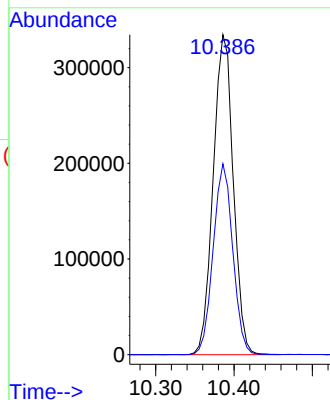
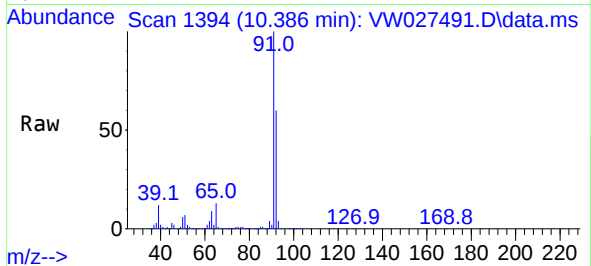




#42
Toluene
Concen: 25.089 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

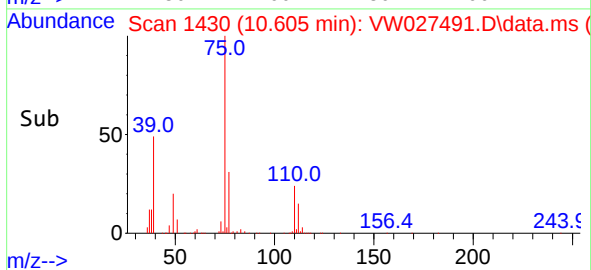
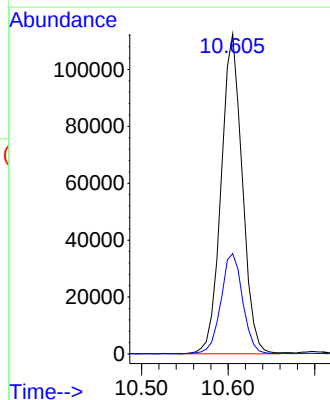
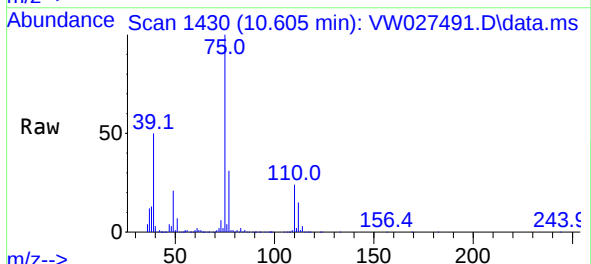
Instrument :
MSVOA_W
ClientSampleId :

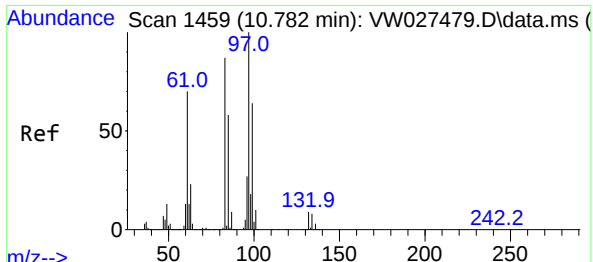
Tgt Ion: 91 Resp: 595604
Ion Ratio Lower Upper
91 100
92 59.6 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 22.310 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion: 75 Resp: 190272
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0



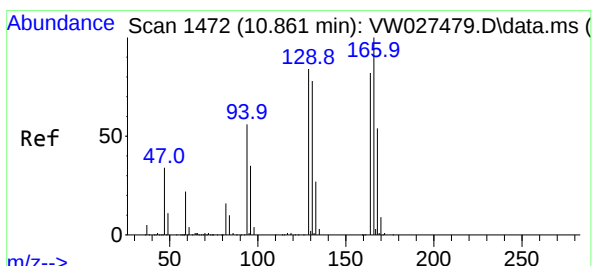
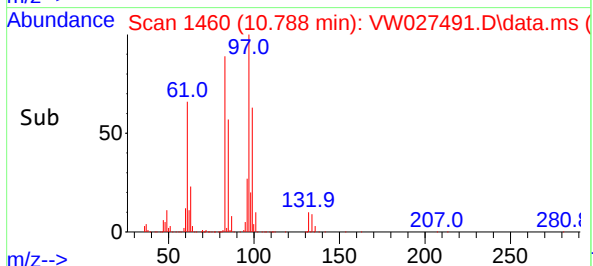
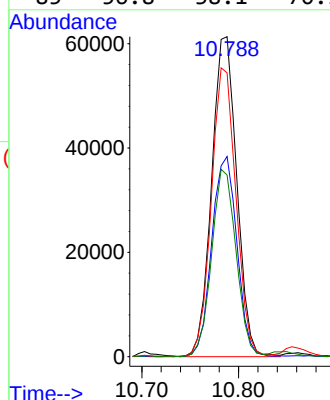
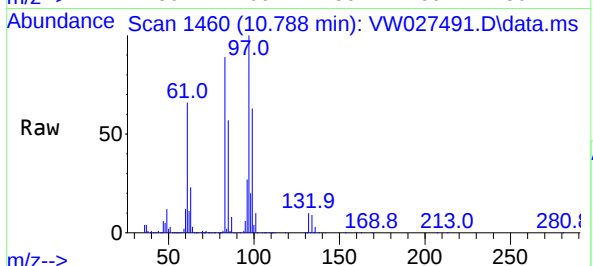


#45
1,1,2-Trichloroethane
Concen: 26.281 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 110659

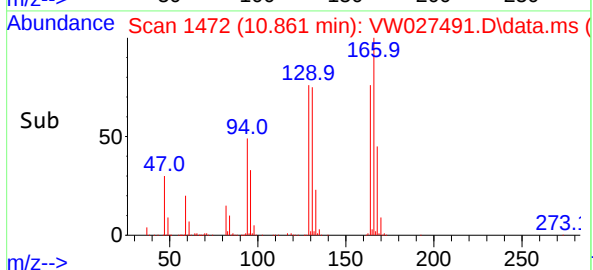
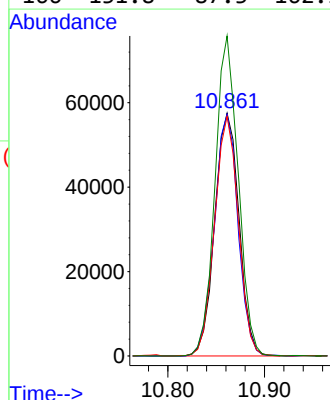
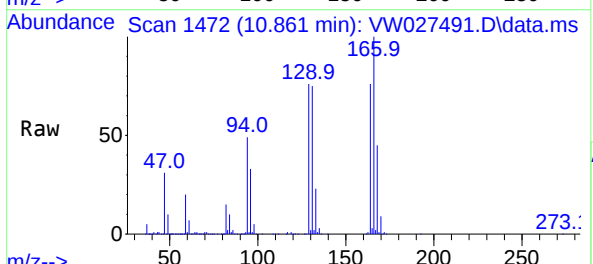
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	88.7	57.5	106.7
85	56.8	38.1	70.9

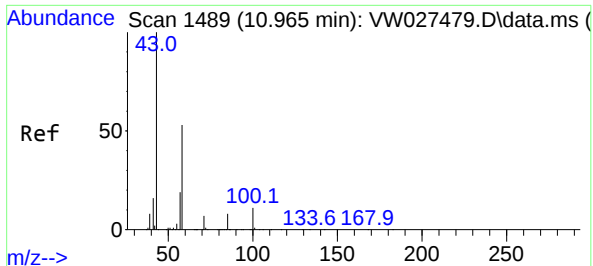


#46
Tetrachloroethene
Concen: 24.314 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion:164 Resp: 100357

Ion	Ratio	Lower	Upper
164	100		
129	99.6	74.7	138.7
131	98.7	73.2	136.0
166	131.8	87.3	162.1



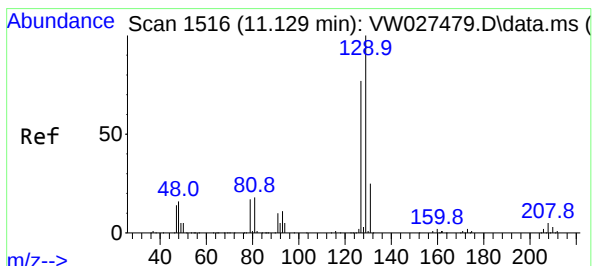
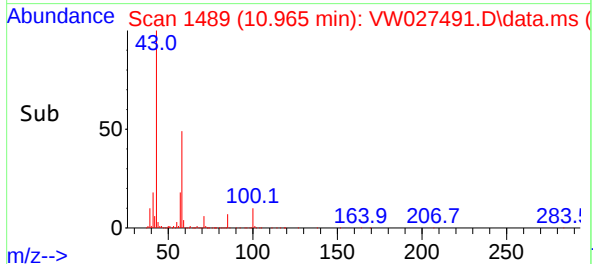
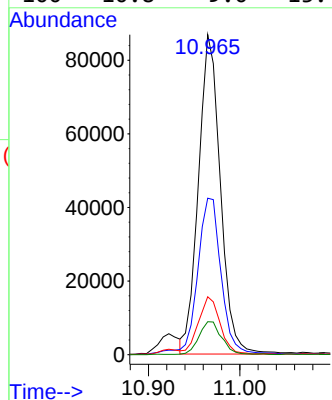
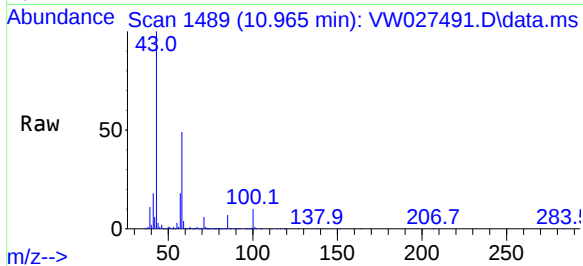


#48
2-Hexanone
Concen: 46.684 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 145400

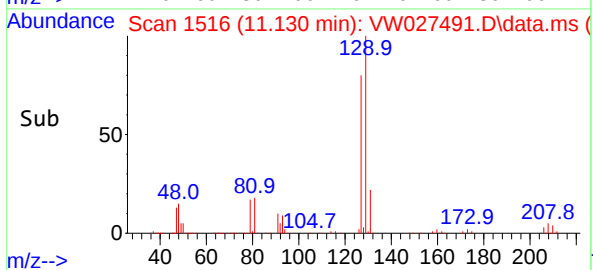
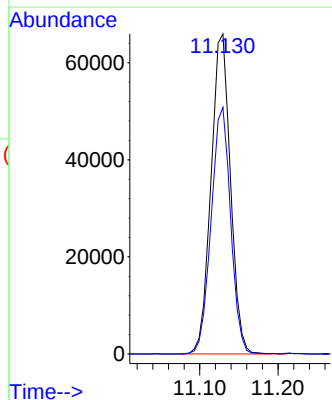
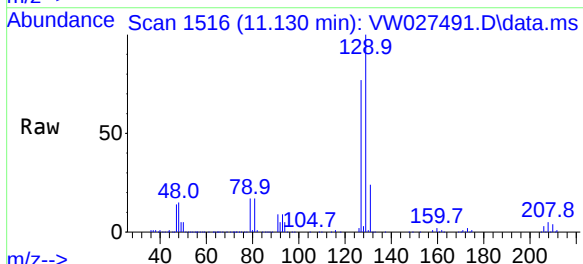
Ion	Ratio	Lower	Upper
43	100		
58	51.8	42.2	63.4
57	17.9	15.1	22.7
100	10.8	9.0	13.4

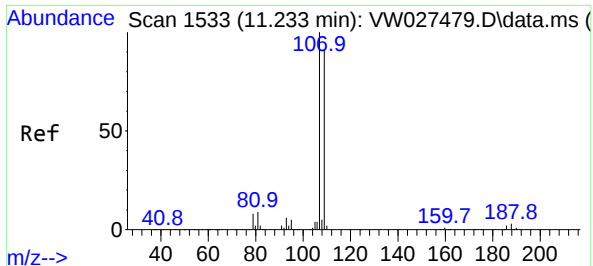


#49
Dibromochloromethane
Concen: 24.319 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion: 129 Resp: 113722

Ion	Ratio	Lower	Upper
129	100		
127	77.0	51.7	95.9





#50

1,2-Dibromoethane

Concen: 24.378 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027491.D

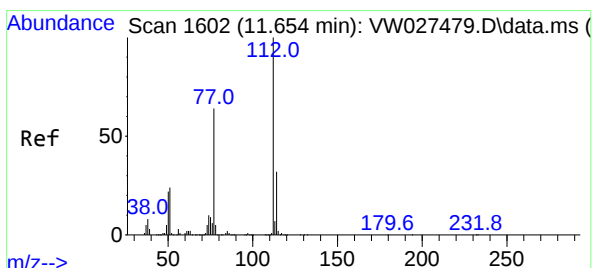
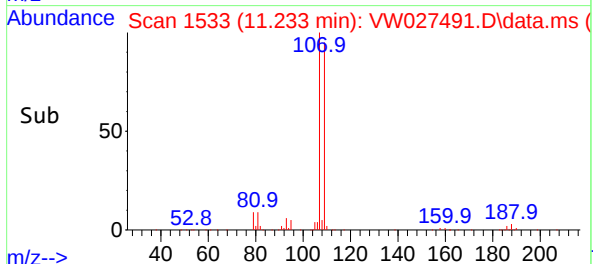
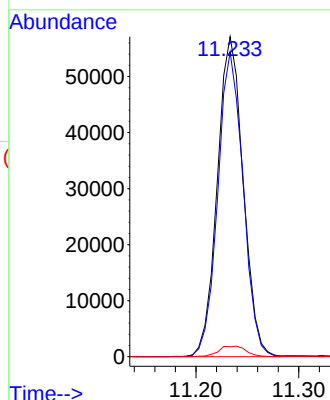
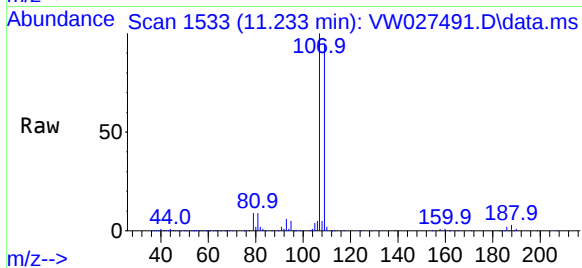
Acq: 31 Oct 2023 17:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	99522
Ion	Ratio	Lower	Upper
107	100		
109	95.2	66.3	123.1
188	3.1	3.0	4.4



#51

Chlorobenzene

Concen: 25.658 ug/L

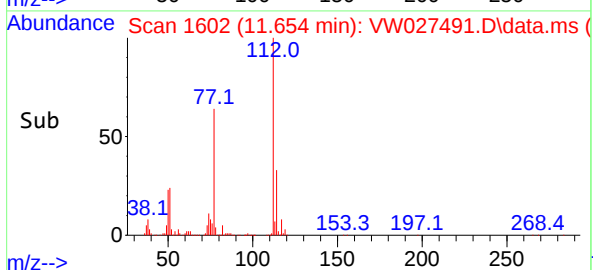
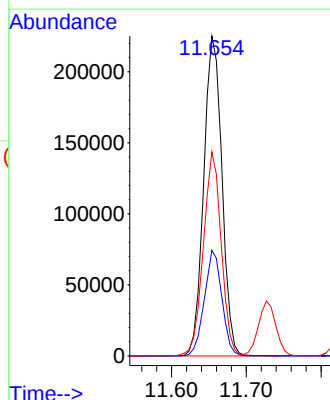
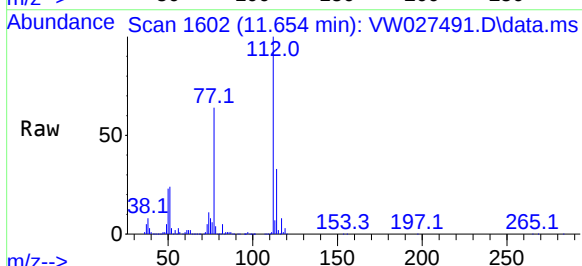
RT: 11.654 min Scan# 1602

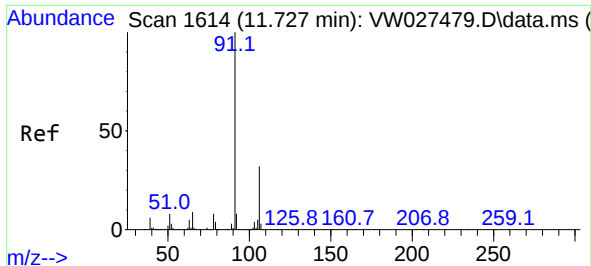
Delta R.T. -0.000 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

Tgt Ion:	112	Resp:	381434
Ion	Ratio	Lower	Upper
112	100		
114	33.0	21.8	40.6
77	63.8	52.2	78.4

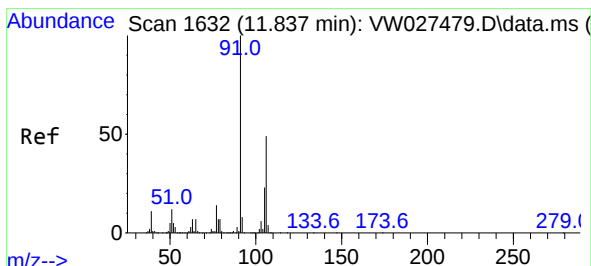
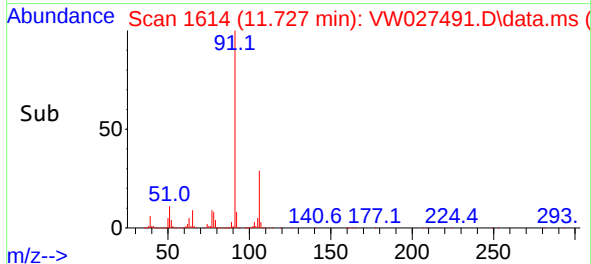
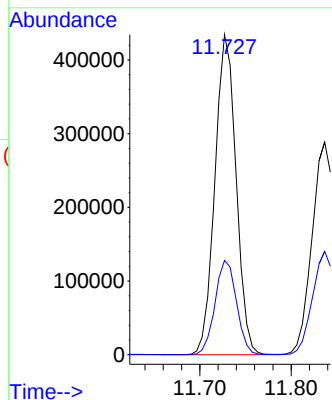
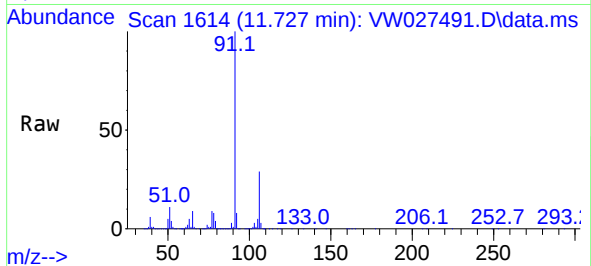




#52
Ethylbenzene
Concen: 25.337 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

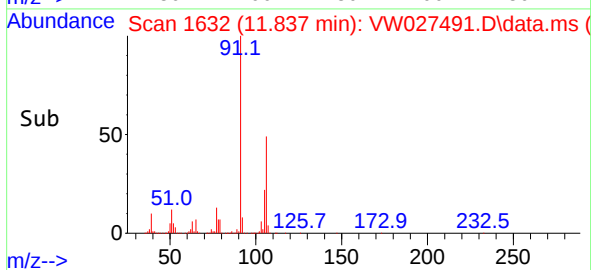
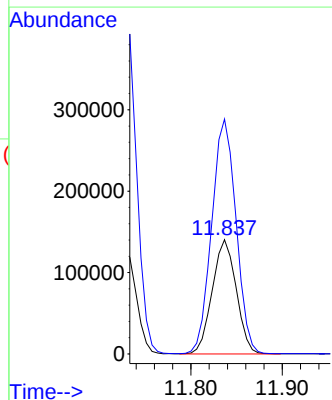
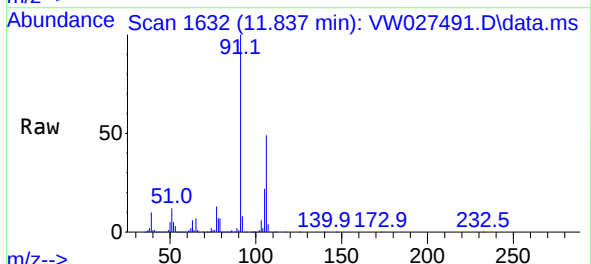
Instrument :
MSVOA_W
ClientSampleId :

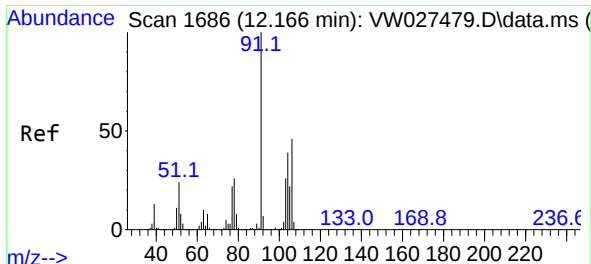
Tgt Ion: 91 Resp: 698975
Ion Ratio Lower Upper
91 100
106 29.4 19.8 36.8



#53
m,p-Xylene
Concen: 24.490 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion:106 Resp: 256250
Ion Ratio Lower Upper
106 100
91 205.7 144.5 268.4

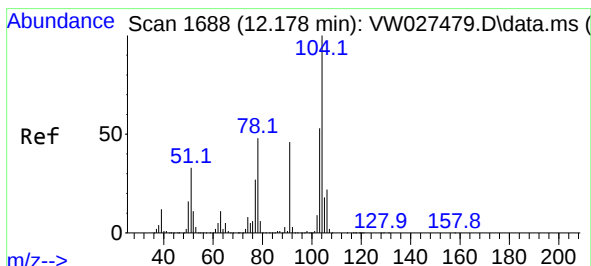
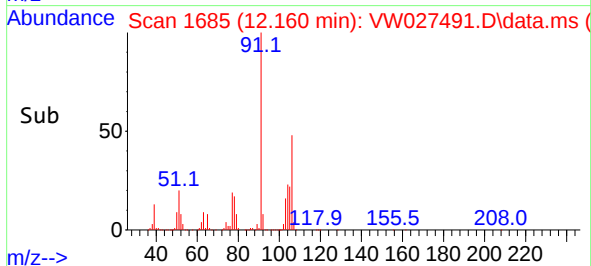
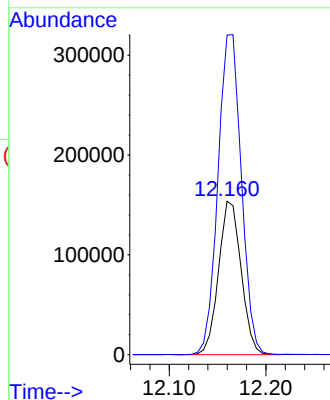
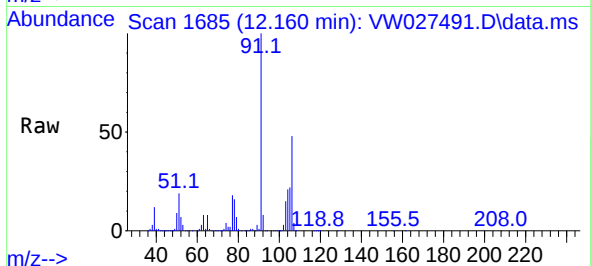




#54
o-Xylene
Concen: 24.807 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

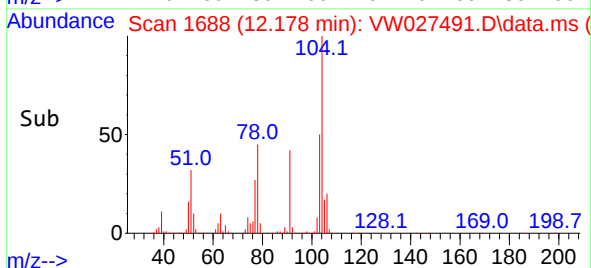
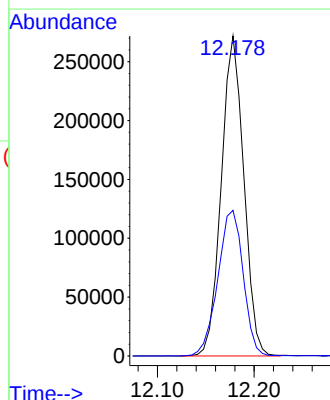
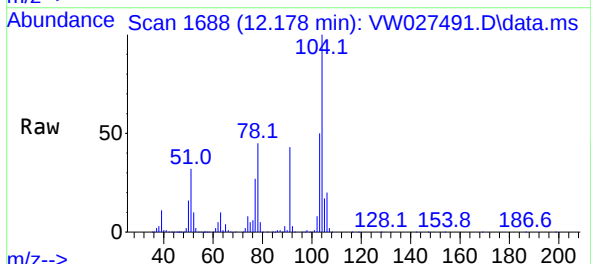
Instrument :
MSVOA_W
ClientSampleId :

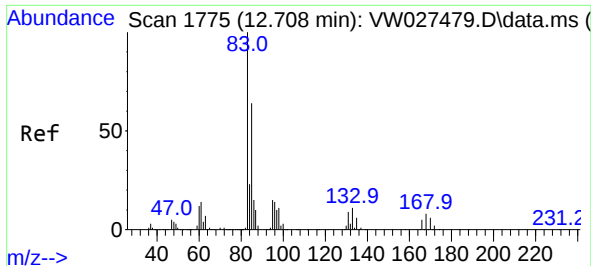
Tgt Ion:106 Resp: 248566
Ion Ratio Lower Upper
106 100
91 208.5 152.0 282.2



#55
Styrene
Concen: 25.649 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion:104 Resp: 438909
Ion Ratio Lower Upper
104 100
78 45.5 33.2 61.6

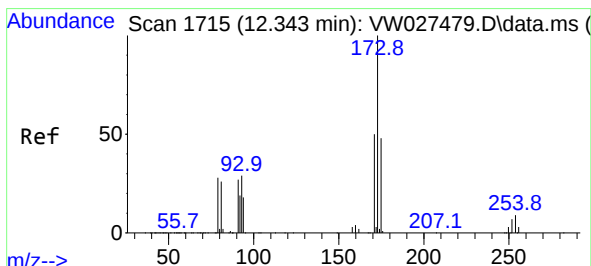
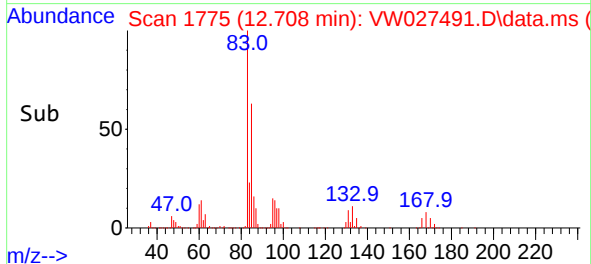
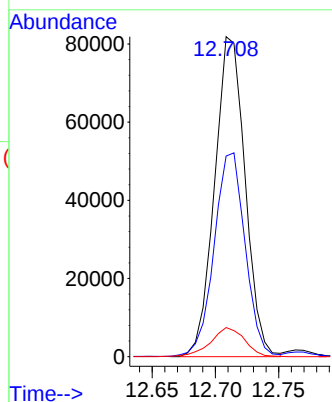
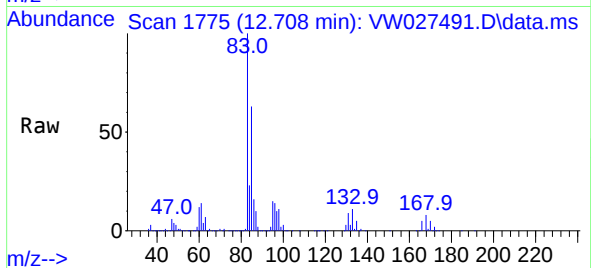




#57
1,1,2,2-Tetrachloroethane
Concen: 26.725 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

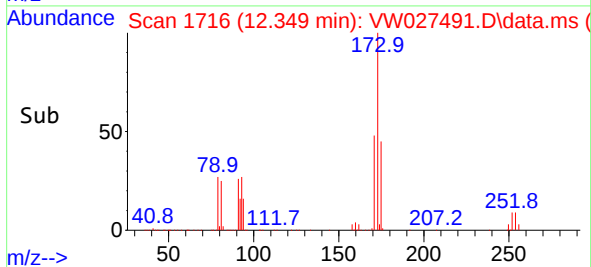
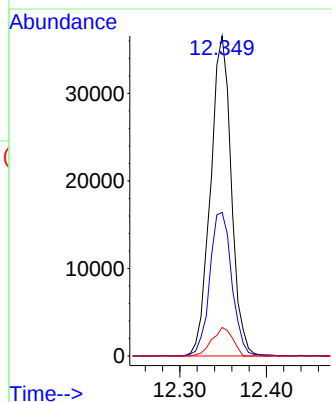
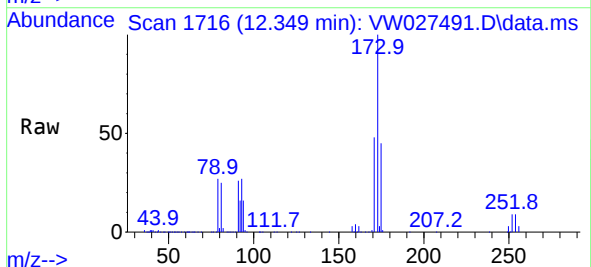
Instrument :
MSVOA_W
ClientSampleId :

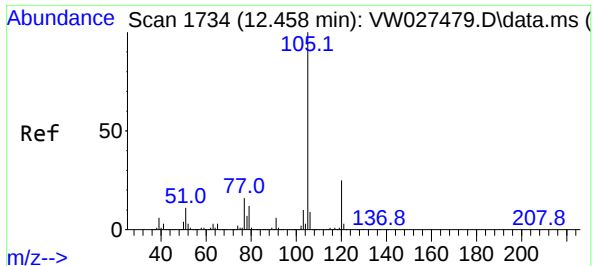
Tgt Ion: 83 Resp: 137371
Ion Ratio Lower Upper
83 100
85 62.7 43.2 80.2
131 9.1 7.2 10.8



#59
Bromoform
Concen: 22.009 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion: 173 Resp: 60994
Ion Ratio Lower Upper
173 100
175 47.4 39.6 59.4
254 8.8 6.6 10.0

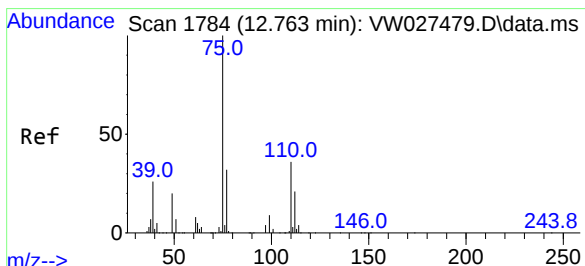
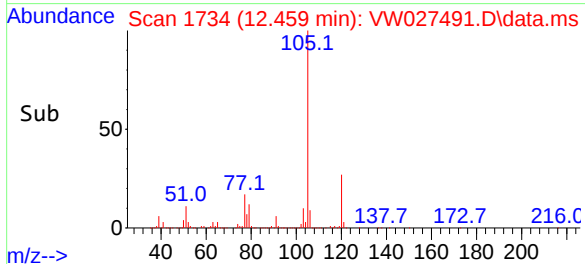
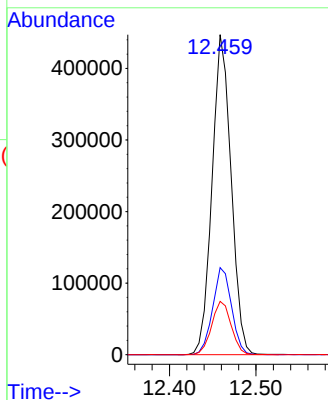
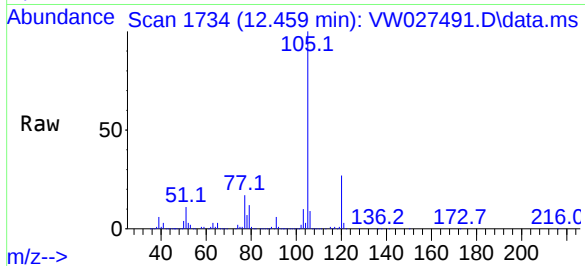




#60
Isopropylbenzene
Concen: 23.335 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

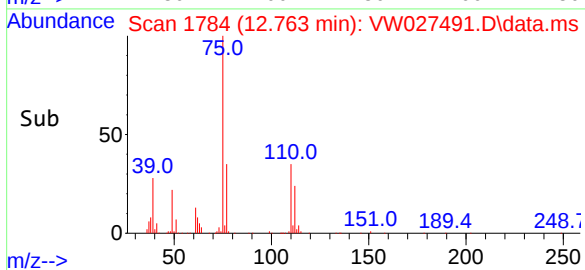
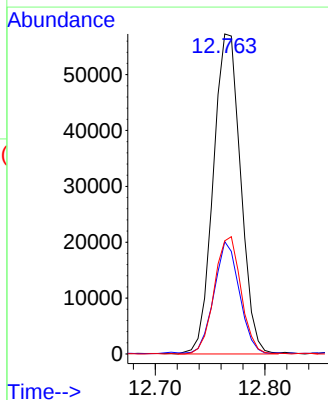
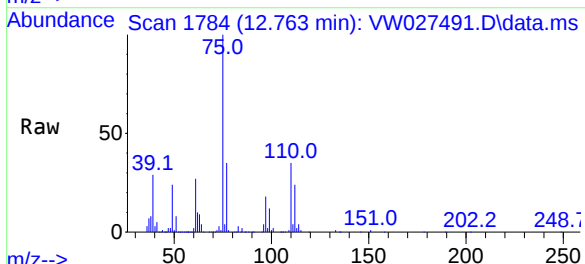
Instrument :
MSVOA_W
ClientSampleId :

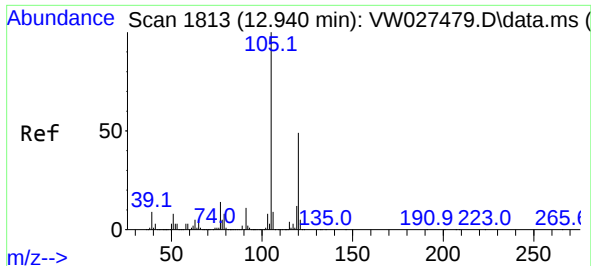
Tgt Ion:105 Resp: 682733
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 17.1 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 24.434 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion: 75 Resp: 99363
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0
110 35.6 29.7 44.5

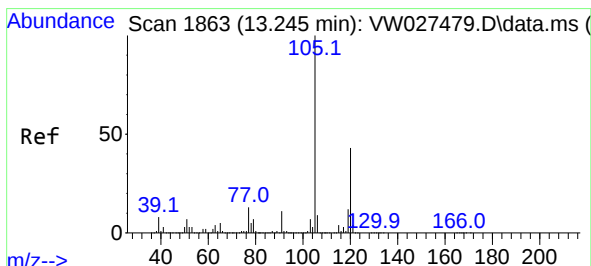
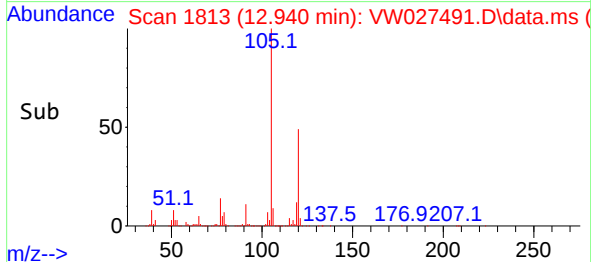
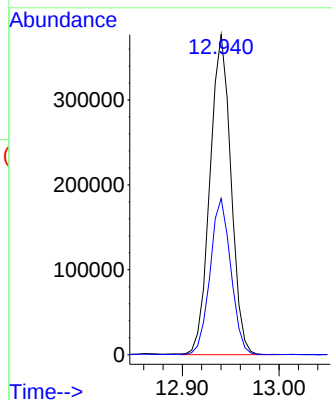
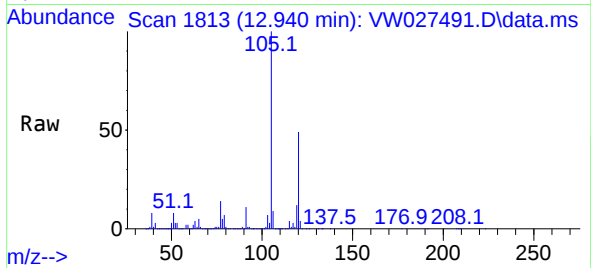




#62
1,3,5-Trimethylbenzene
Concen: 23.303 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

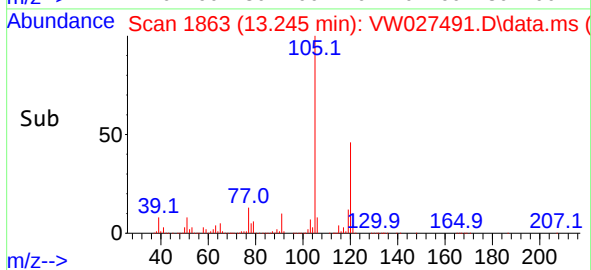
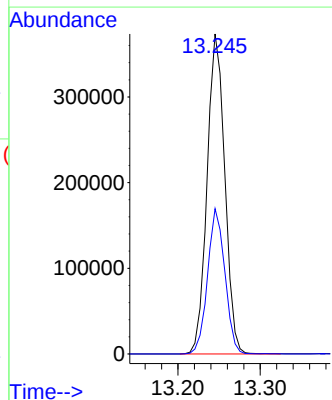
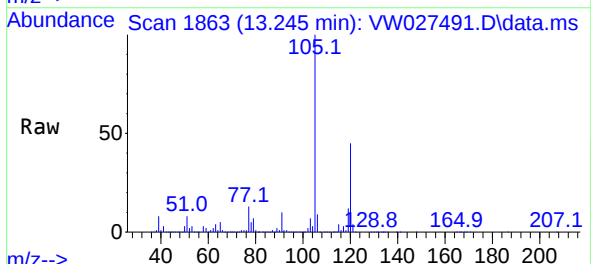
Instrument :
MSVOA_W
ClientSampleId :

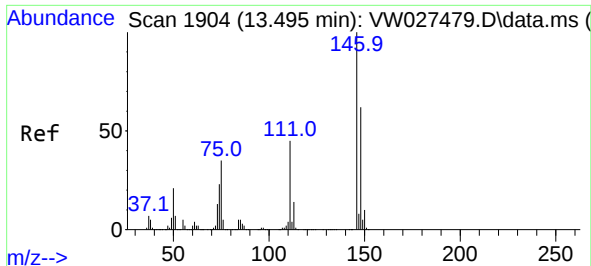
Tgt Ion:105 Resp: 568727
Ion Ratio Lower Upper
105 100
120 48.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 23.461 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion:105 Resp: 560234
Ion Ratio Lower Upper
105 100
120 44.3 35.4 53.2

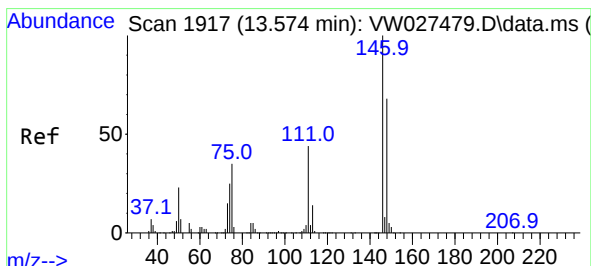
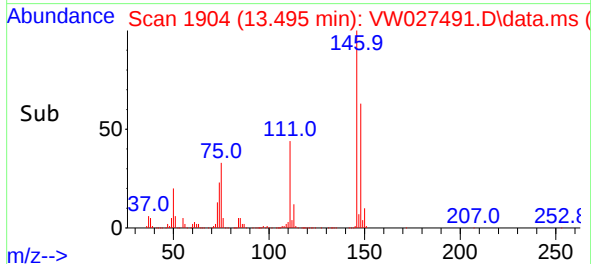
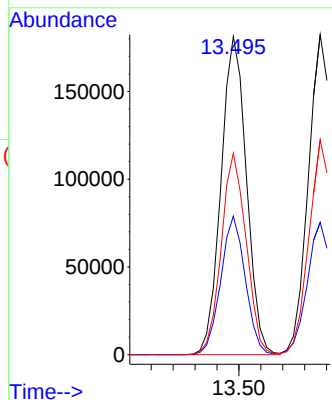
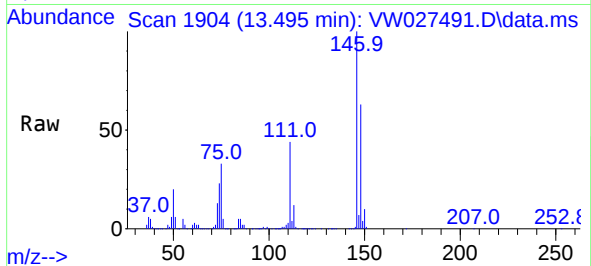




#64
1,3-Dichlorobenzene
Concen: 24.663 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

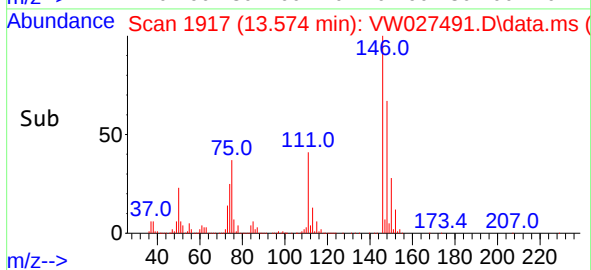
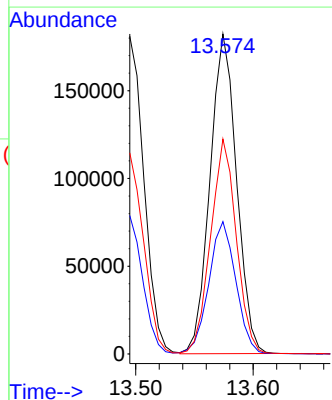
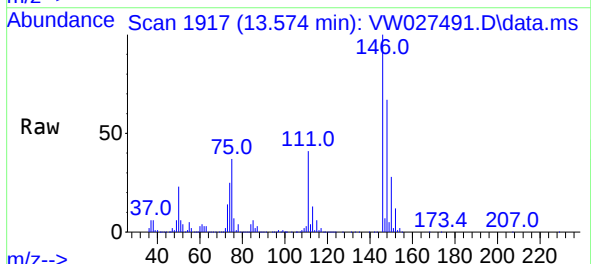
Instrument :
MSVOA_W
ClientSampleId :

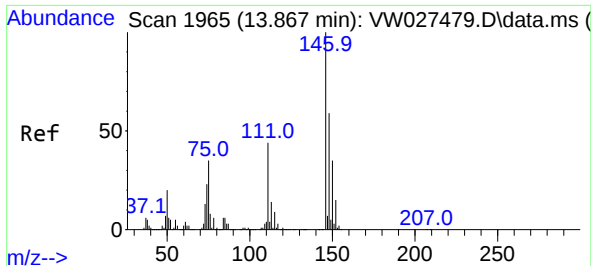
Tgt Ion:146 Resp: 292624
Ion Ratio Lower Upper
146 100
111 43.6 30.8 57.2
148 63.3 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 24.182 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion:146 Resp: 286524
Ion Ratio Lower Upper
146 100
111 41.4 29.5 54.9
148 67.1 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 24.602 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

Instrument :

MSVOA_W

ClientSampleId :

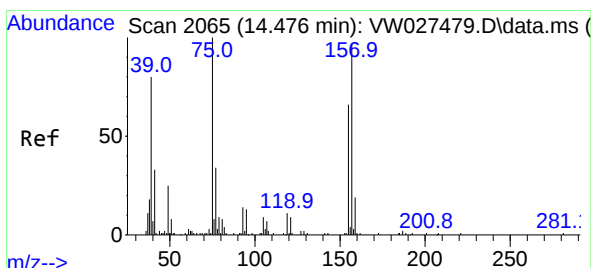
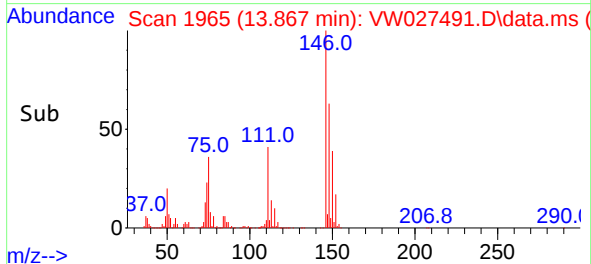
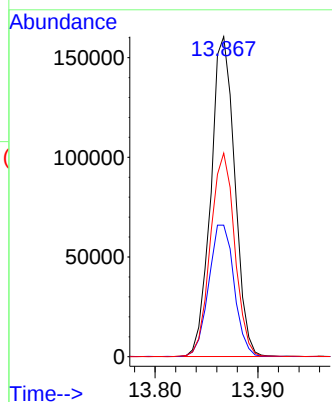
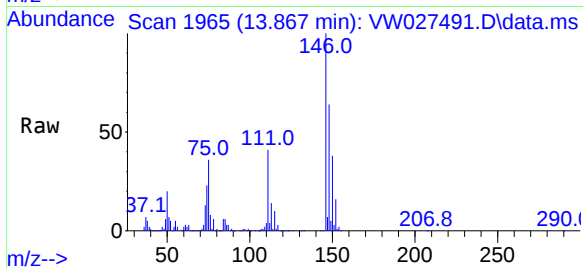
Tgt Ion:146 Resp: 259019

Ion Ratio Lower Upper

146 100

111 41.1 36.8 55.2

148 63.6 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 19.460 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

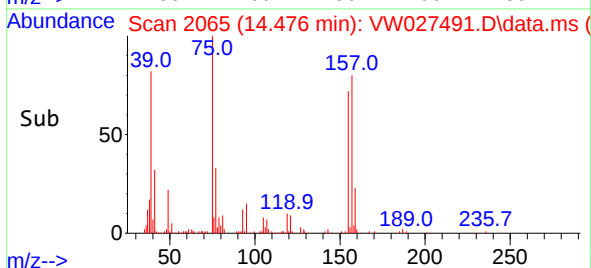
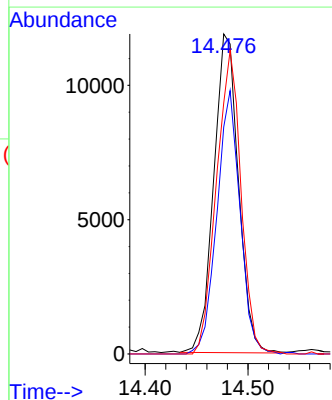
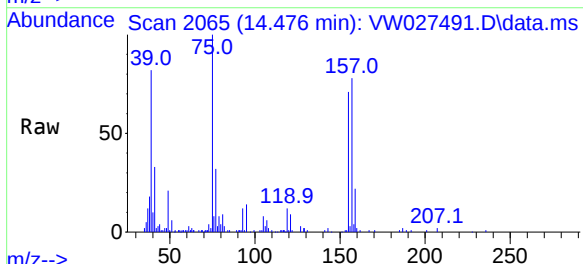
Tgt Ion: 75 Resp: 19778

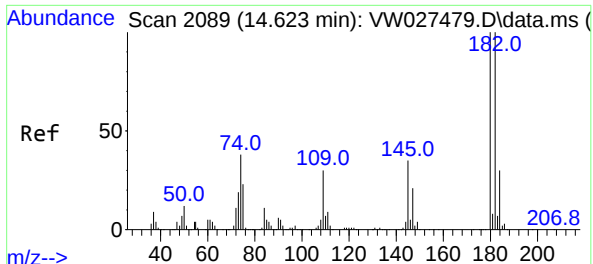
Ion Ratio Lower Upper

75 100

155 70.9 54.9 82.3

157 78.4 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 23.632 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 182014

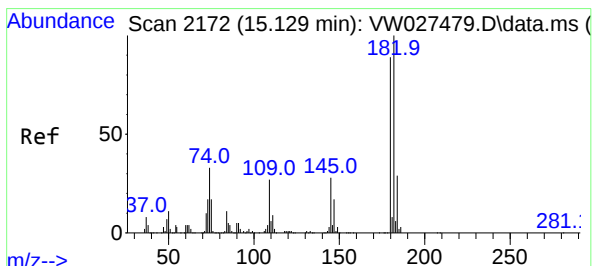
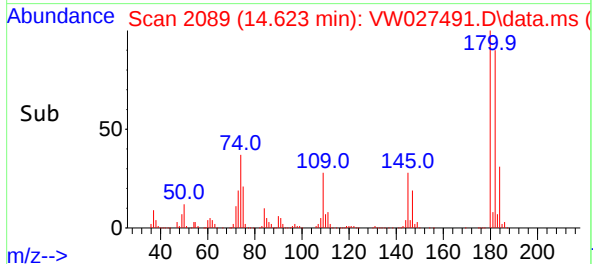
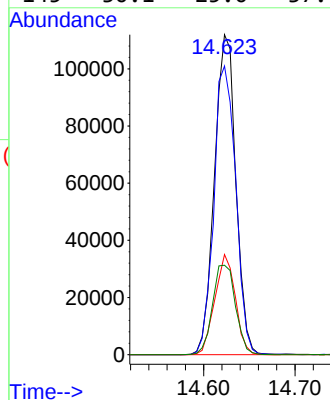
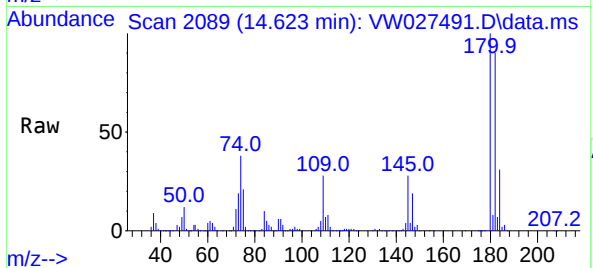
Ion Ratio Lower Upper

180 100

182 92.5 73.4 110.0

184 30.0 23.3 34.9

145 30.1 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 22.221 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027491.D

Acq: 31 Oct 2023 17:47

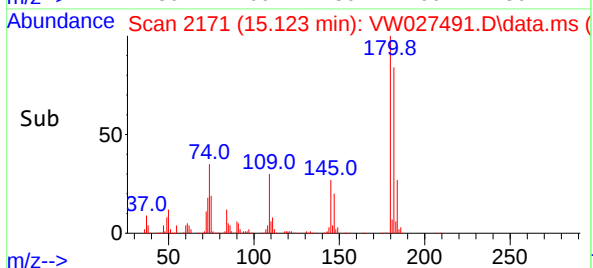
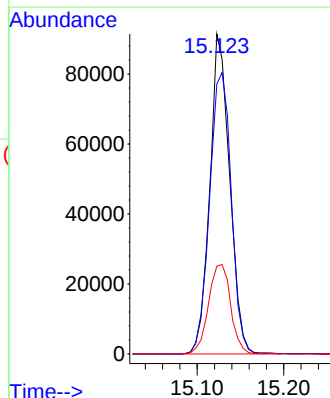
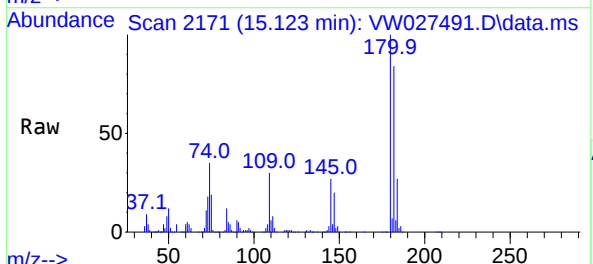
Tgt Ion:180 Resp: 145669

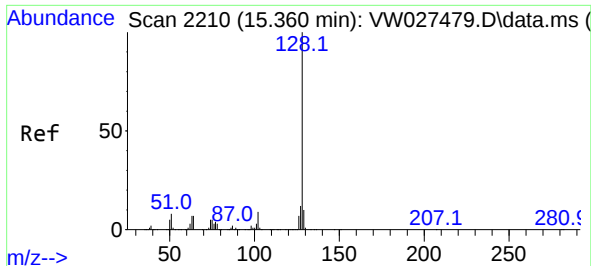
Ion Ratio Lower Upper

180 100

182 95.9 75.5 113.3

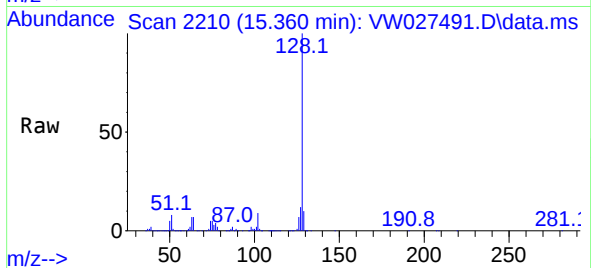
145 31.2 26.4 39.6



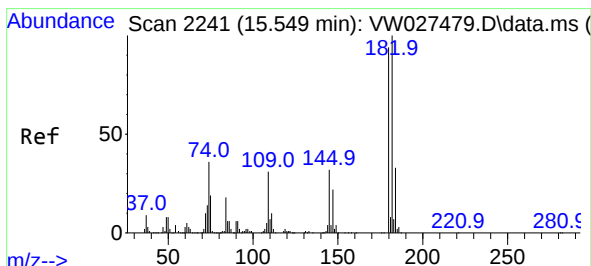
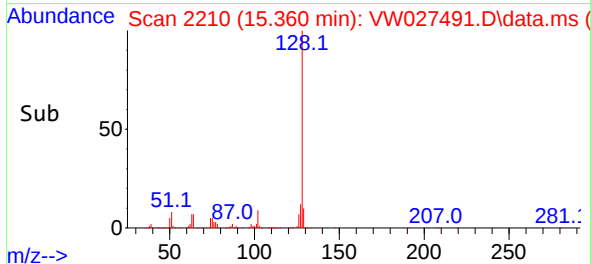
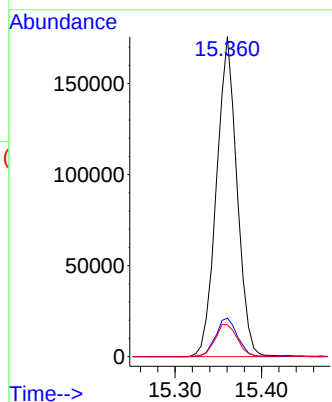


#71
Naphthalene
Concen: 21.403 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 288534
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.1 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 23.076 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW027491.D
Acq: 31 Oct 2023 17:47

Tgt Ion:180 Resp: 124395
Ion Ratio Lower Upper
180 100
182 95.0 81.1 121.7
145 34.2 30.6 45.8

