

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102523\
 Data File : VW027439.D
 Acq On : 25 Oct 2023 15:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 26 00:50:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 26 00:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	422055	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	375234	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	188417	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	124599	19.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.360%
7) Chloroethane-d5	2.899	69	104444	22.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	4.021	65	64127	19.869	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.480%
21) 2-Butanone-d5	7.075	46	96562	45.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.200%
24) Chloroform-d	7.648	84	299883	23.839	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	8.307	65	156464	23.155	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	8.276	84	565536	22.276	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.120%
36) 1,2-Dichloropropane-d6	9.276	67	181076	23.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	10.318	98	489665	21.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.080%
43) trans-1,3-Dichloroprop...	10.575	79	68888	19.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.920%
47) 2-Hexanone-d5	10.922	63	69177	43.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	137955	23.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	149051	21.830	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	120002	23.897	ug/L	# 88
3) Chloromethane	2.228	50	150433	26.067	ug/L	100
5) Vinyl chloride	2.375	62	167671	26.010	ug/L	98
6) Bromomethane	2.789	94	94496	25.736	ug/L	95
8) Chloroethane	2.936	64	102260	27.558	ug/L	97
9) Trichlorofluoromethane	3.271	101	135235	29.736	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	147375	25.878	ug/L	99
12) 1,1-Dichloroethene	4.045	96	141516	25.570	ug/L	87
13) Acetone	4.124	43	93605	50.621	ug/L	97
14) Carbon disulfide	4.393	76	370428	21.590	ug/L	99
15) Methyl Acetate	4.667	43	78660	24.906	ug/L	99
16) Methylene chloride	4.917	84	187027	24.209	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	149803	25.186	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	258846	25.224	ug/L	99
19) 1,1-Dichloroethane	6.216	63	331195	27.292	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	177190	26.379	ug/L	97
22) 2-Butanone	7.167	43	115449	41.712	ug/L	99
23) Bromochloromethane	7.514	128	70703	25.495	ug/L	88
25) Chloroform	7.679	83	312184	27.486	ug/L	96

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 Response via : Initial Calibration

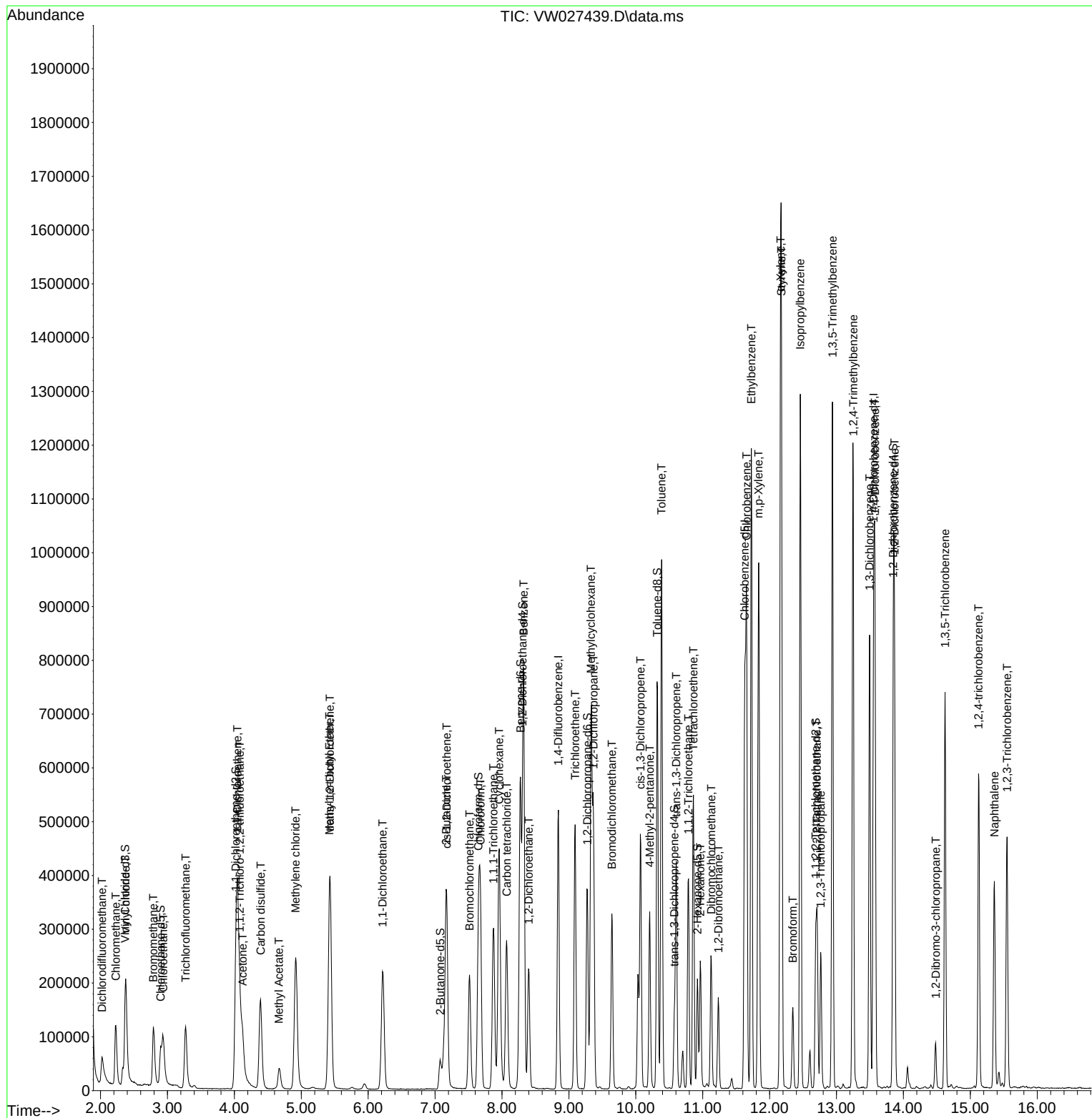
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	209582	27.165	ug/L	99
29) Cyclohexane	7.959	56	279866	24.565	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	249870	27.299	ug/L	98
31) Carbon tetrachloride	8.069	117	212017	25.689	ug/L	100
33) Benzene	8.325	78	668184	27.247	ug/L	100
34) Trichloroethene	9.093	95	173886	26.844	ug/L	99
35) Methylcyclohexane	9.331	83	286181	24.705	ug/L	99
37) 1,2-Dichloropropane	9.367	63	185085	27.913	ug/L	99
38) Bromodichloromethane	9.642	83	215907	26.481	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	277311	25.318	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	221556	48.587	ug/L	99
42) Toluene	10.386	91	701900	27.284	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	226012	24.455	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	125152	27.429	ug/L	97
46) Tetrachloroethene	10.861	164	111194	24.860	ug/L	92
48) 2-Hexanone	10.965	43	157538	46.677	ug/L	99
49) Dibromochloromethane	11.129	129	127341	25.130	ug/L	97
50) 1,2-Dibromoethane	11.233	107	111241	25.146	ug/L	99
51) Chlorobenzene	11.654	112	443154	27.509	ug/L	98
52) Ethylbenzene	11.727	91	815502	27.279	ug/L	95
53) m,p-Xylene	11.836	106	301588	26.598	ug/L	98
54) o-Xylene	12.166	106	285780	26.320	ug/L	98
55) Styrene	12.178	104	491497	26.505	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	143899	25.834	ug/L	96
59) Bromoform	12.349	173	65648	23.415	ug/L	96
60) Isopropylbenzene	12.458	105	796168	26.898	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	106855	25.973	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	663799	26.885	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	654414	27.090	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	328462	27.365	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	326567	27.244	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	281114	26.393	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	22059	21.454	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	210501	27.015	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	168693	25.436	ug/L	99
71) Naphthalene	15.360	128	320855	23.526	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	140540	25.771	ug/L	95

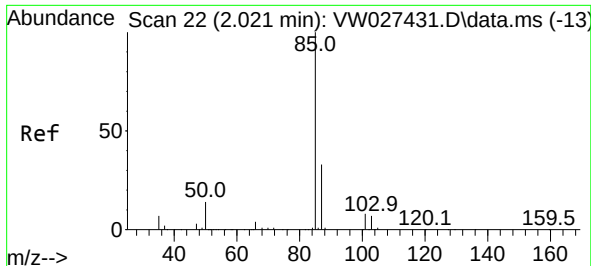
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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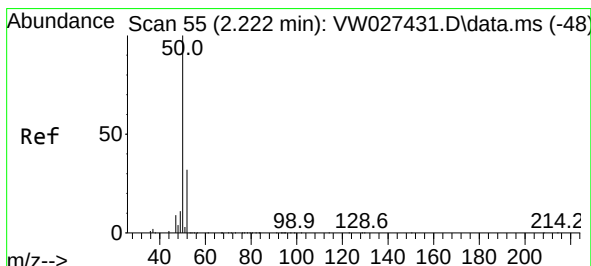
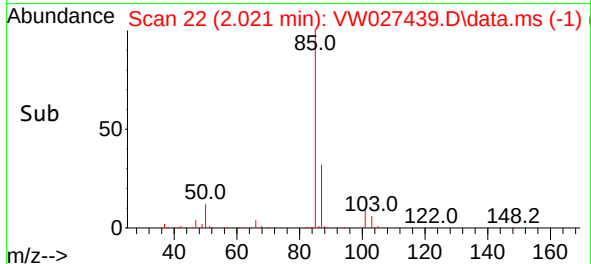
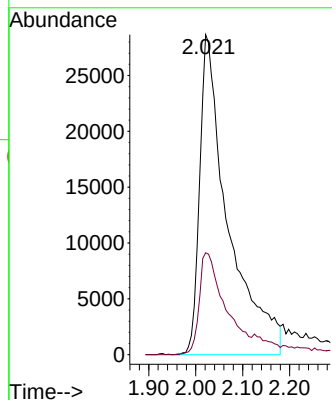
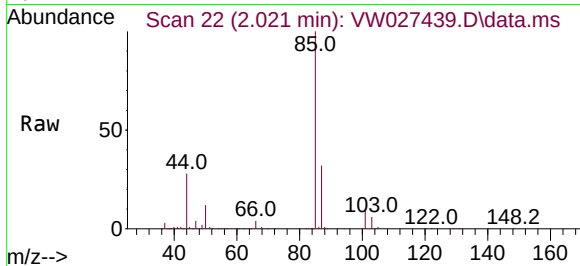




#2
 Dichlorodifluoromethane
 Concen: 23.897 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027439.D
 Acq: 25 Oct 2023 15:11

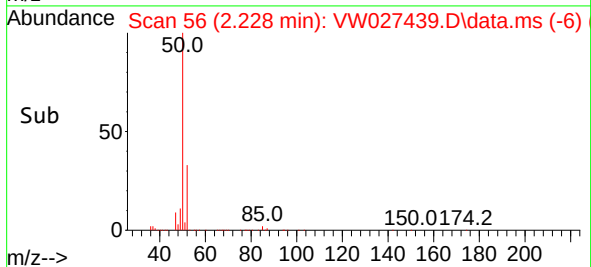
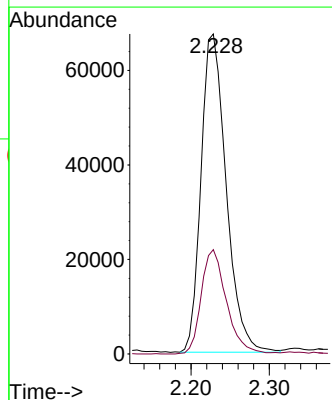
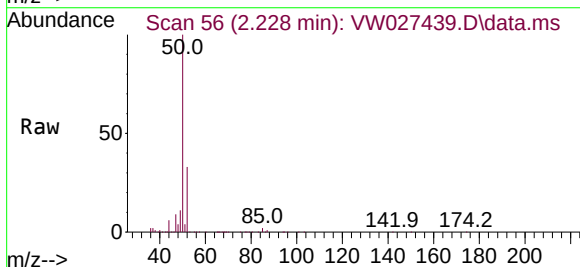
Instrument :
 MSVOA_W
 ClientSampleId :

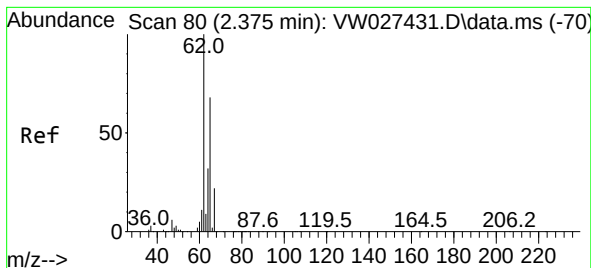
Tgt Ion: 85 Resp: 120002
 Ion Ratio Lower Upper
 85 100
 87 28.6 18.3 27.5#



#3
 Chloromethane
 Concen: 26.067 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027439.D
 Acq: 25 Oct 2023 15:11

Tgt Ion: 50 Resp: 150433
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.7 42.3





#5

Vinyl chloride

Concen: 26.010 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

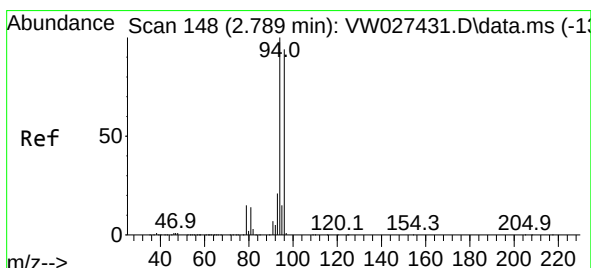
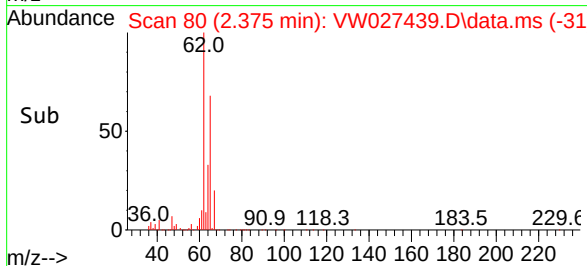
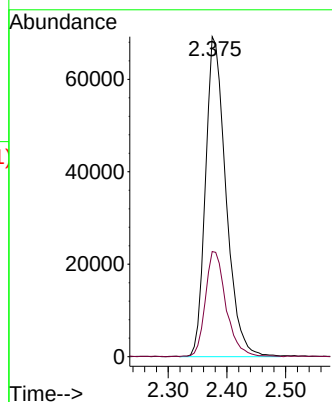
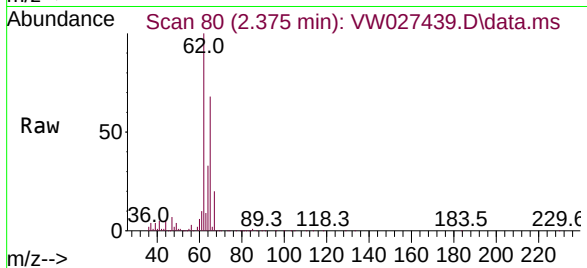
ClientSampleId :

Tgt Ion: 62 Resp: 167671

Ion Ratio Lower Upper

62 100

64 32.8 23.8 44.2



#6

Bromomethane

Concen: 25.736 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW027439.D

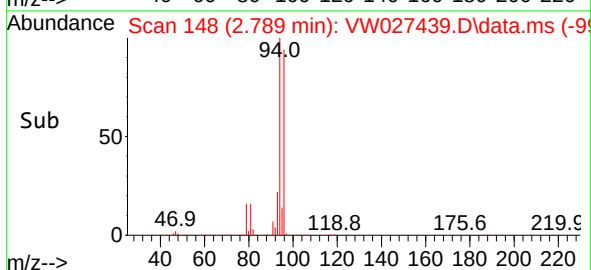
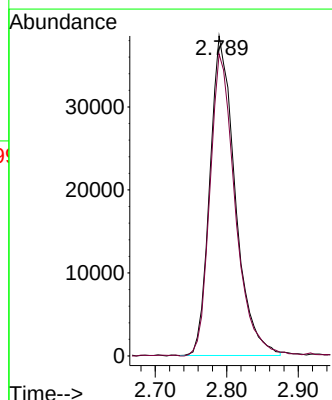
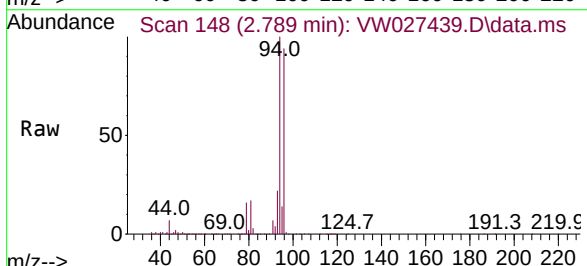
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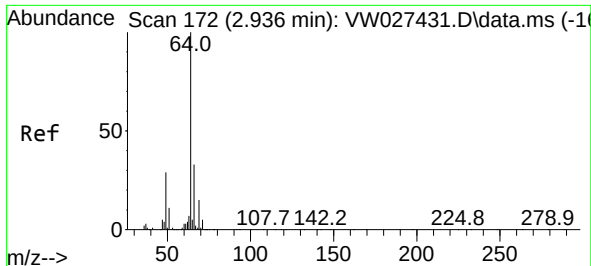
Tgt Ion: 94 Resp: 94496

Ion Ratio Lower Upper

94 100

96 94.4 62.9 116.9

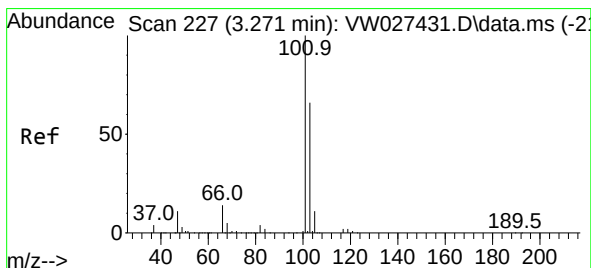
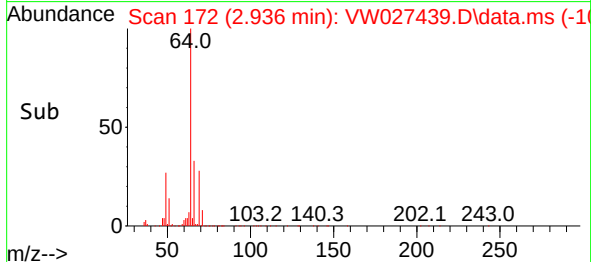
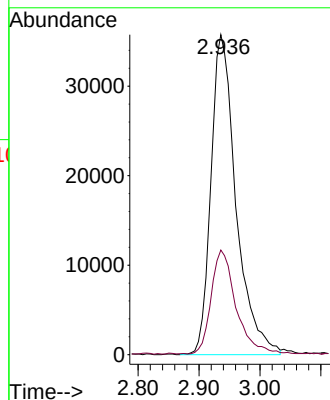
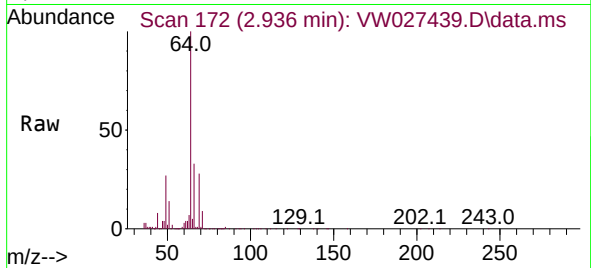




#8
Chloroethane
Concen: 27.558 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

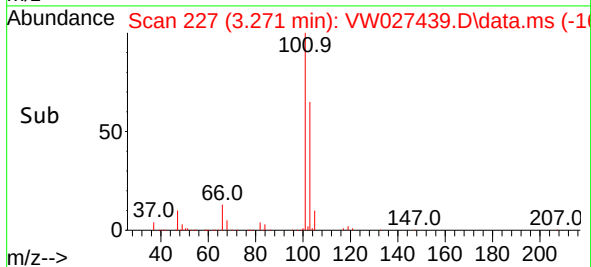
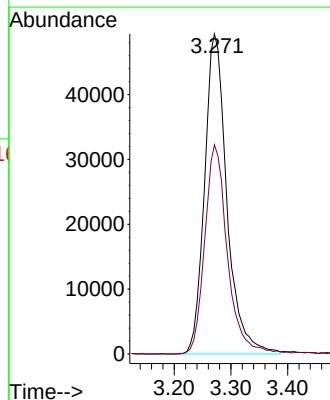
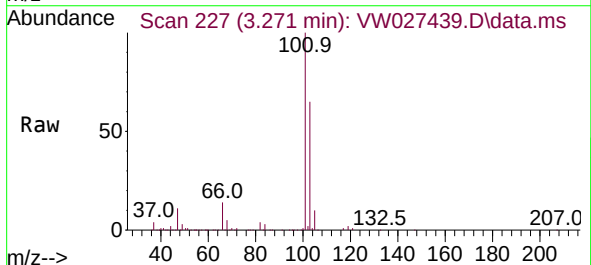
Instrument :
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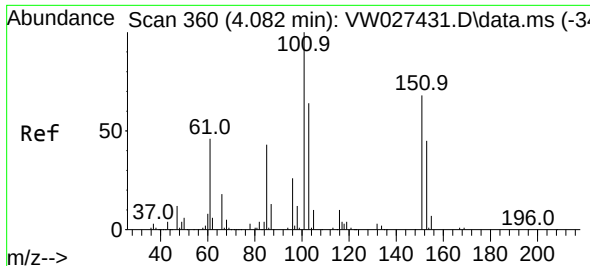
Tgt Ion: 64 Resp: 102260
Ion Ratio Lower Upper
64 100
66 32.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 29.736 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Tgt Ion:101 Resp: 135235
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4

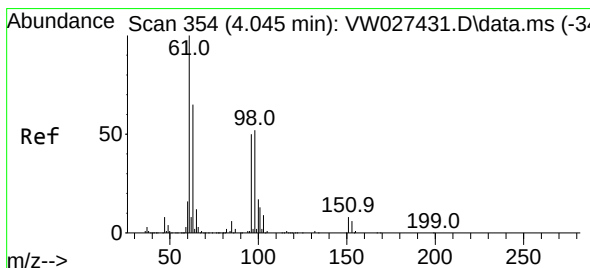
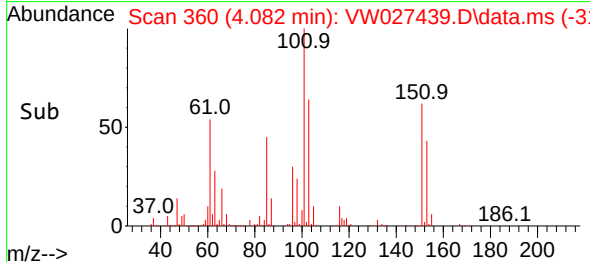
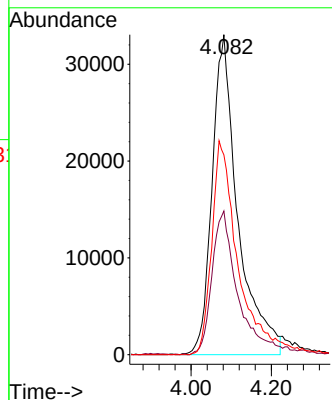
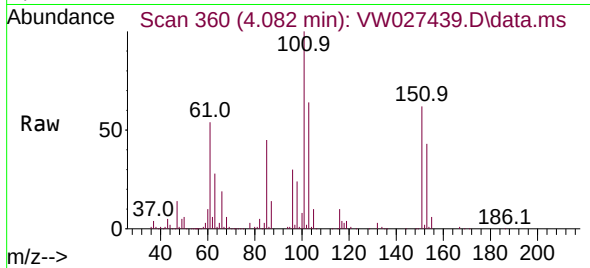




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.878 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW027439.D
 Acq: 25 Oct 2023 15:11

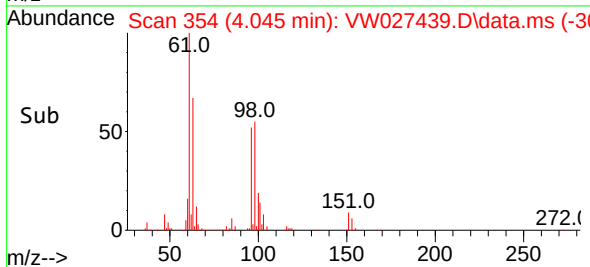
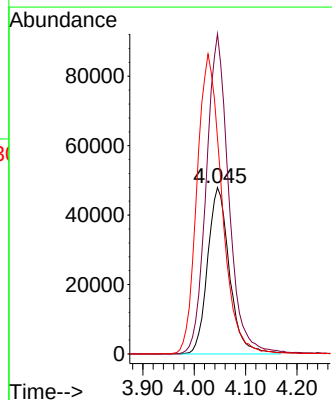
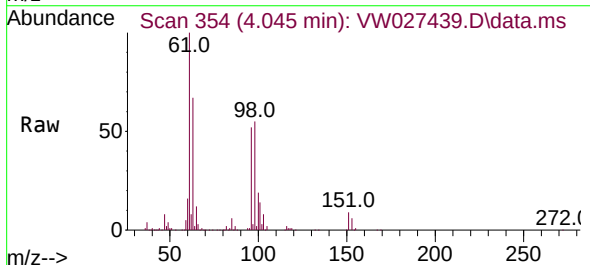
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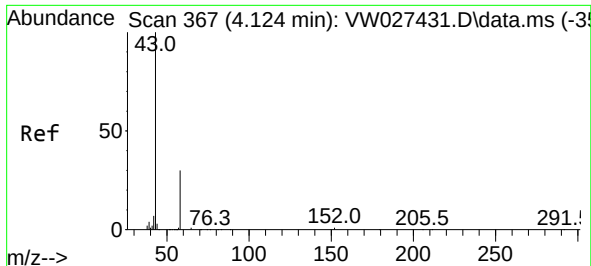
Tgt Ion:101 Resp: 147375
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.1 51.1
 151 61.4 49.5 74.3



#12
 1,1-Dichloroethene
 Concen: 25.570 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027439.D
 Acq: 25 Oct 2023 15:11

Tgt Ion: 96 Resp: 141516
 Ion Ratio Lower Upper
 96 100
 61 192.3 133.3 247.5
 63 129.7 115.8 215.2

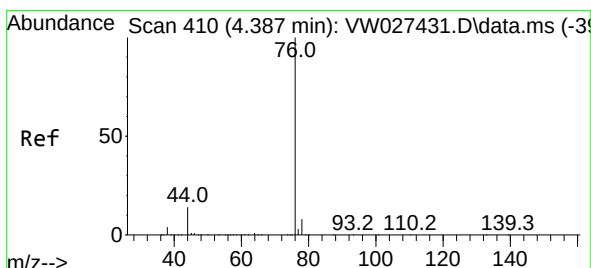
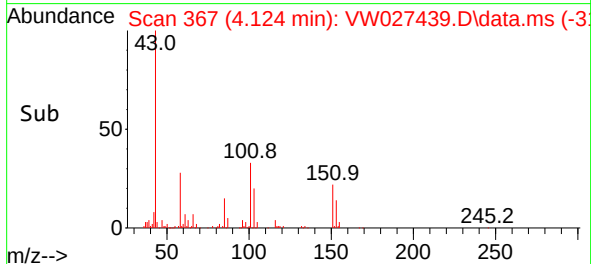
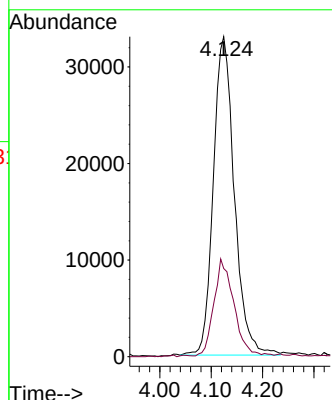
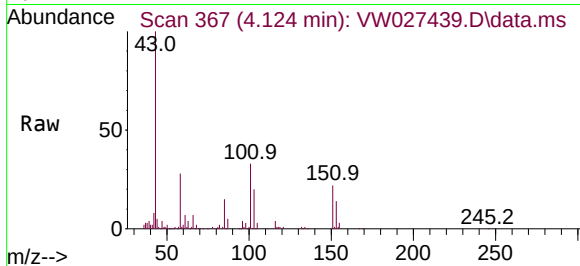




#13
Acetone
Concen: 50.621 ug/L
RT: 4.124 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

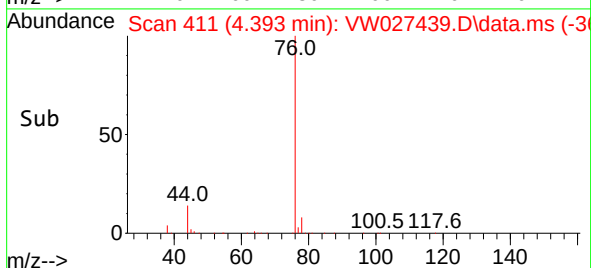
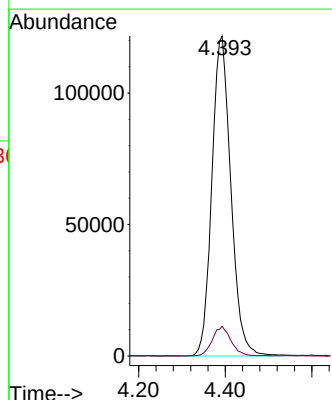
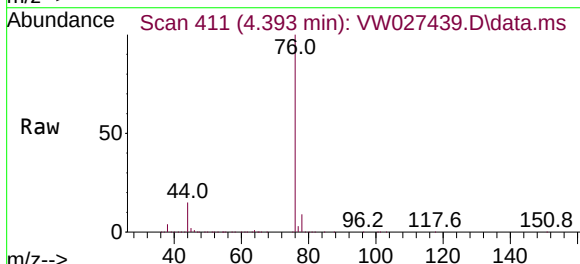
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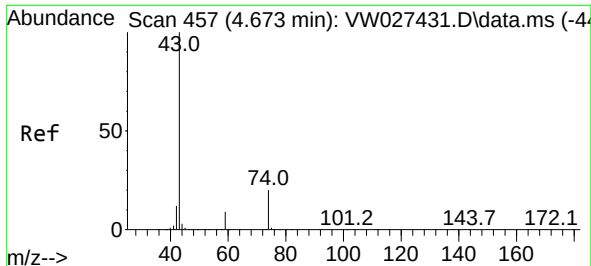
Tgt Ion: 43 Resp: 93605
Ion Ratio Lower Upper
43 100
58 29.0 0.0 60.8



#14
Carbon disulfide
Concen: 21.590 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 370428
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

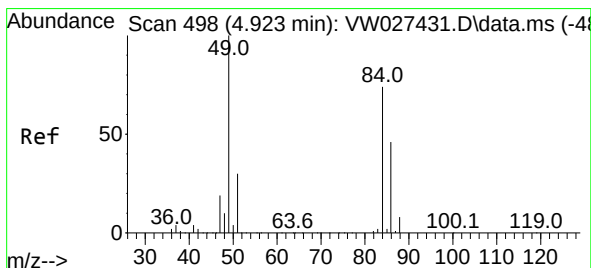
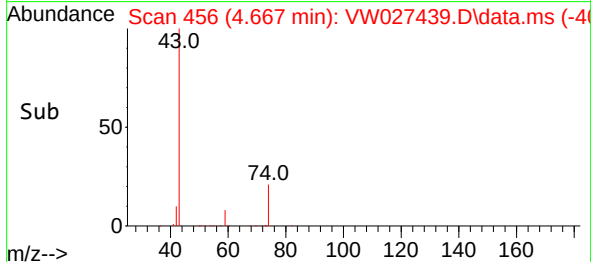
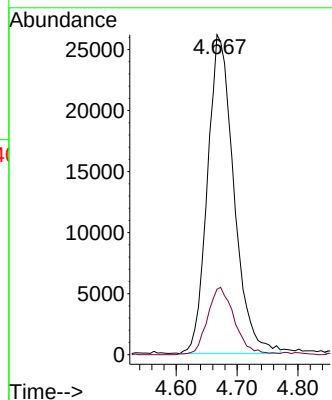
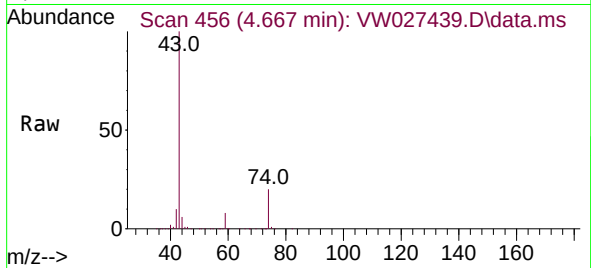




#15
Methyl Acetate
Concen: 24.906 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

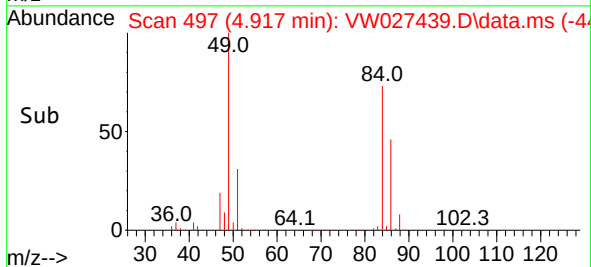
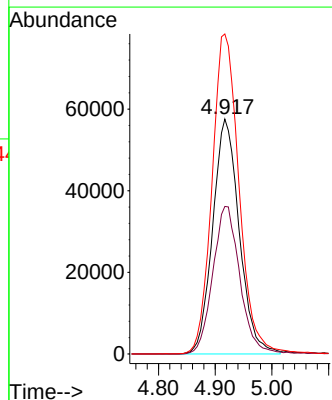
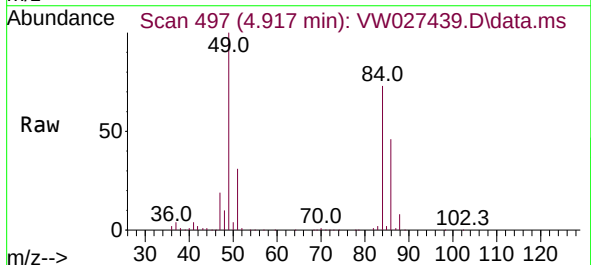
Instrument :
MSVOA_W
ClientSampleId :

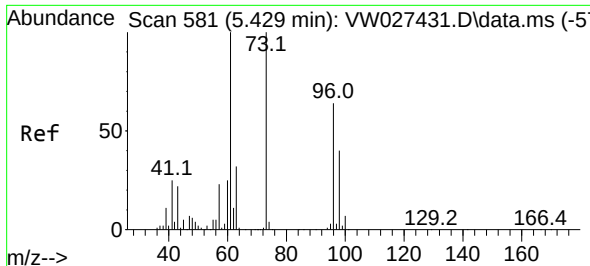
Tgt Ion: 43 Resp: 78660
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3



#16
Methylene chloride
Concen: 24.209 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Tgt Ion: 84 Resp: 187027
Ion Ratio Lower Upper
84 100
86 62.8 41.3 76.7
49 136.3 92.8 172.4

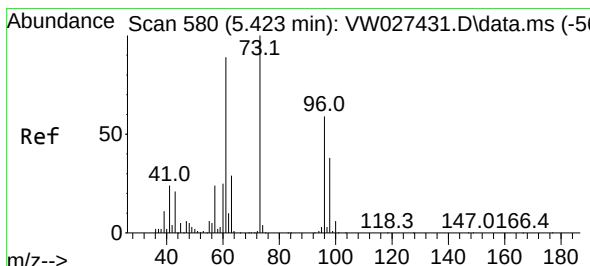
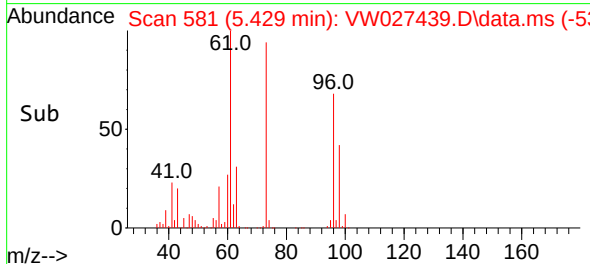
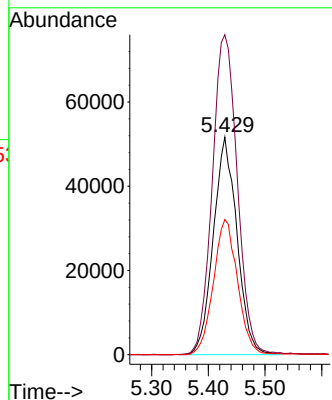
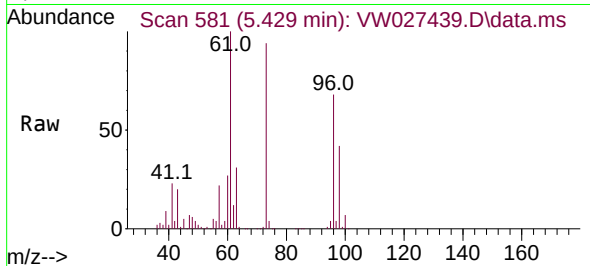




#17
trans-1,2-Dichloroethene
Concen: 25.186 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

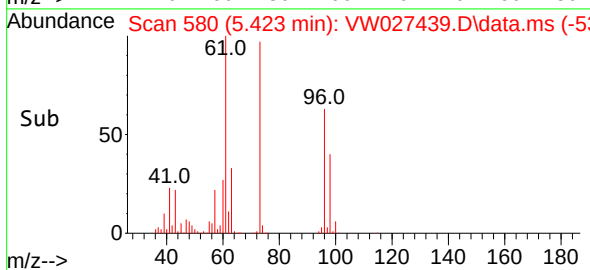
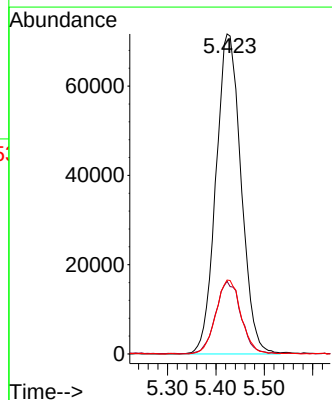
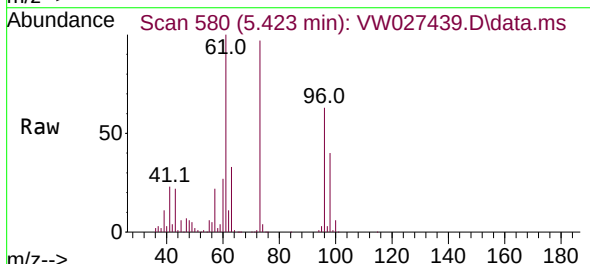
Instrument :
MSVOA_W
ClientSampleId :

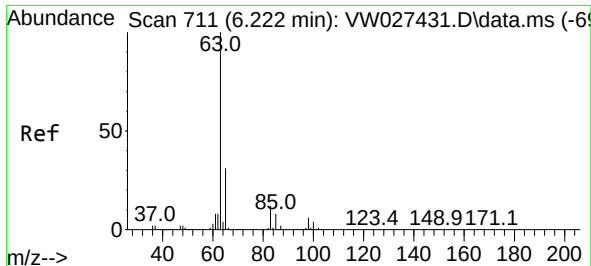
Tgt Ion: 96 Resp: 149803
Ion Ratio Lower Upper
96 100
61 147.1 105.6 196.0
98 62.1 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 25.224 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Tgt Ion: 73 Resp: 258846
Ion Ratio Lower Upper
73 100
43 22.6 17.7 26.5
57 23.0 18.5 27.7





#19

1,1-Dichloroethane

Concen: 27.292 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

ClientSampleId :

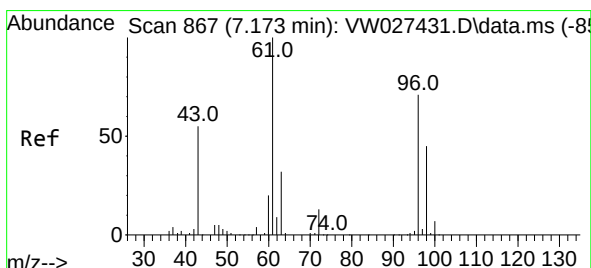
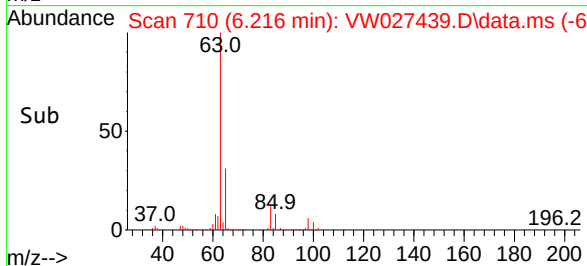
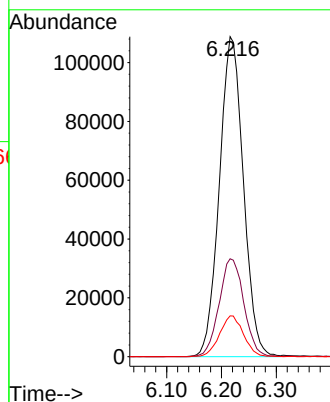
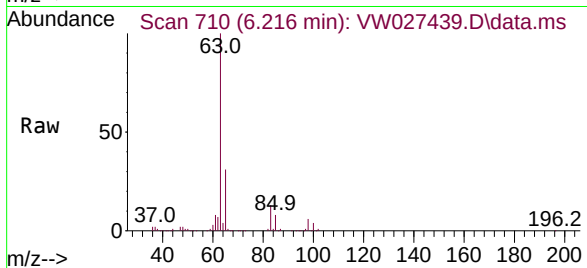
Tgt Ion: 63 Resp: 331195

Ion Ratio Lower Upper

63 100

65 30.6 22.9 42.5

83 12.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 26.379 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

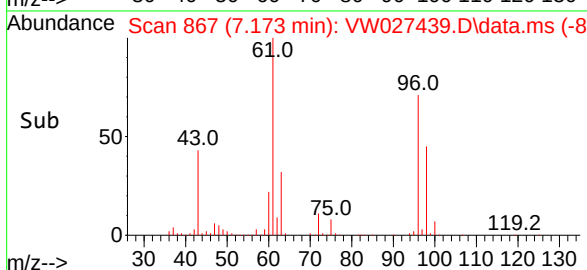
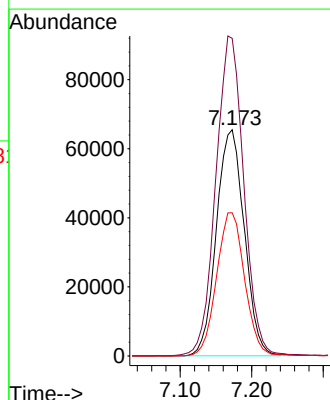
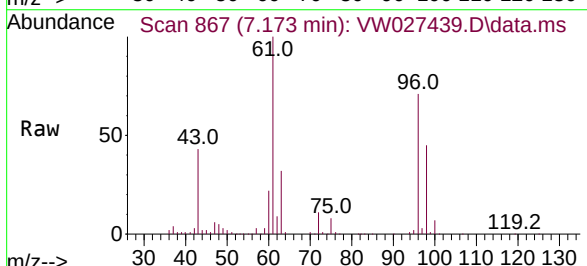
Tgt Ion: 96 Resp: 177190

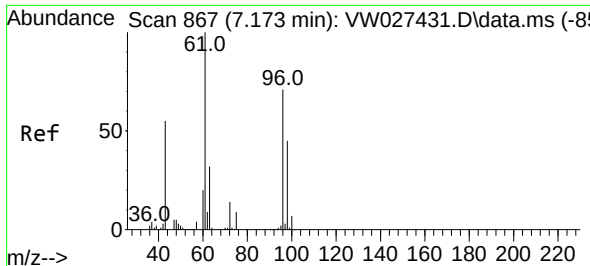
Ion Ratio Lower Upper

96 100

61 140.4 96.2 178.8

98 63.3 46.0 85.4

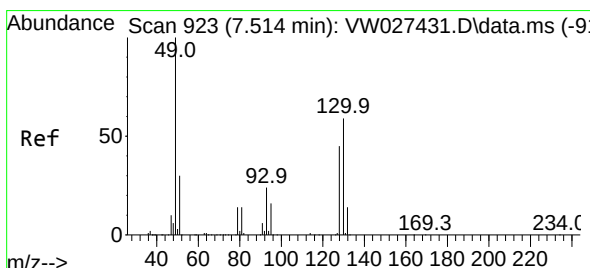
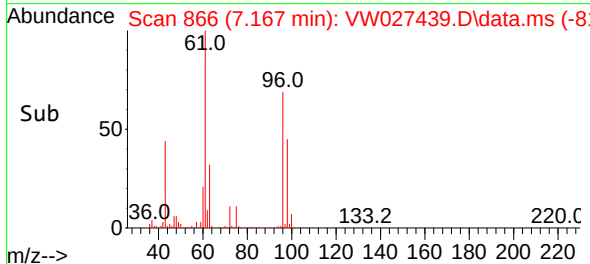
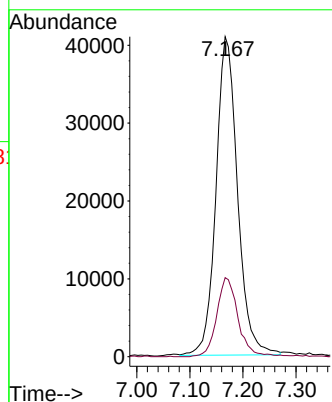
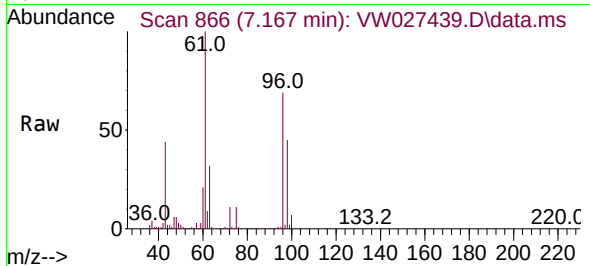




#22
2-Butanone
Concen: 41.712 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

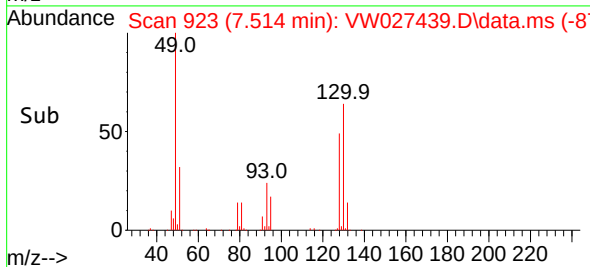
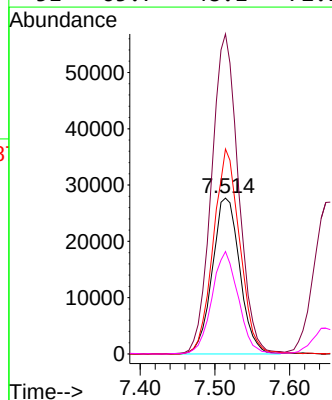
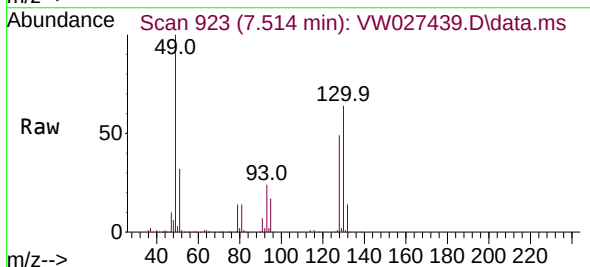
Instrument :
MSVOA_W
ClientSampleId :

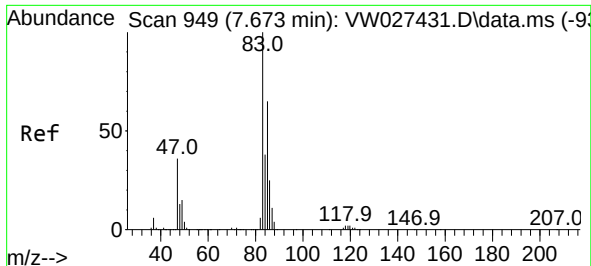
Tgt Ion: 43 Resp: 115449
Ion Ratio Lower Upper
43 100
72 24.1 12.3 36.8



#23
Bromochloromethane
Concen: 25.495 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Tgt Ion: 128 Resp: 70703
Ion Ratio Lower Upper
128 100
49 205.3 128.9 239.5
130 131.5 85.0 157.8
51 65.7 48.1 72.1





#25

Chloroform

Concen: 27.486 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

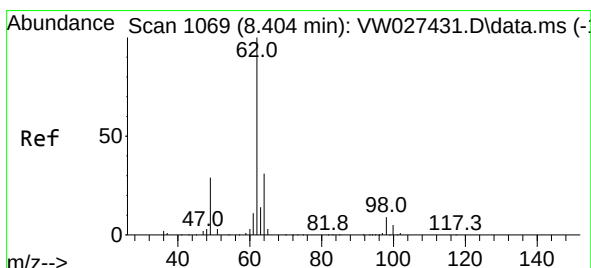
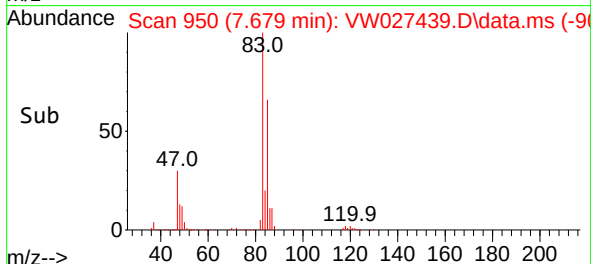
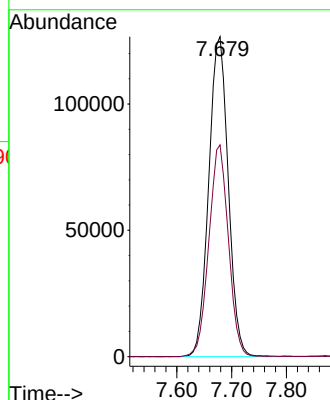
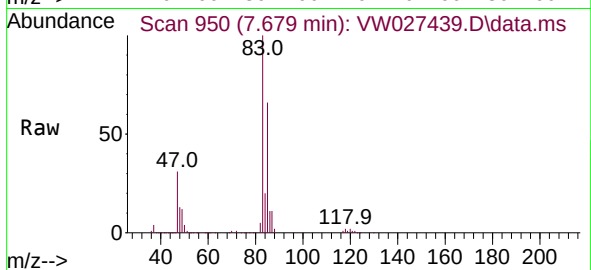
ClientSampleId :

Tgt Ion: 83 Resp: 312184

Ion Ratio Lower Upper

83 100

85 66.2 44.1 81.9



#27

1,2-Dichloroethane

Concen: 27.165 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW027439.D

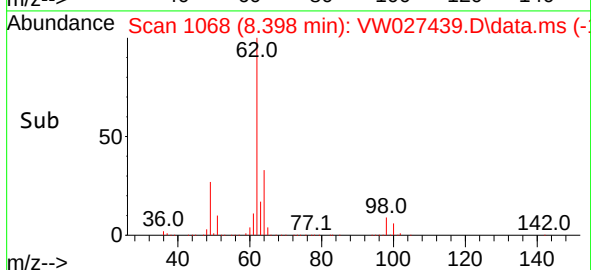
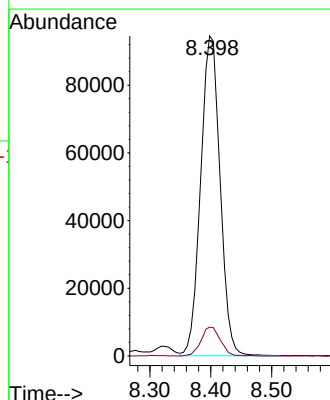
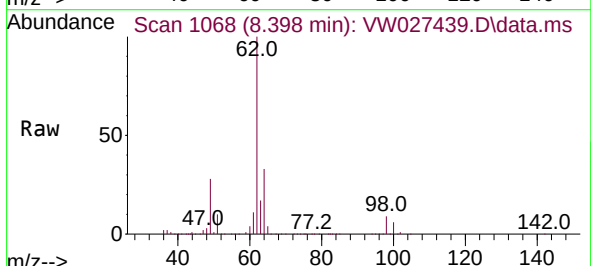
Acq: 25 Oct 2023 15:11

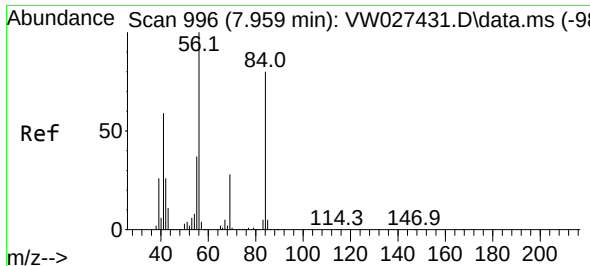
Tgt Ion: 62 Resp: 209582

Ion Ratio Lower Upper

62 100

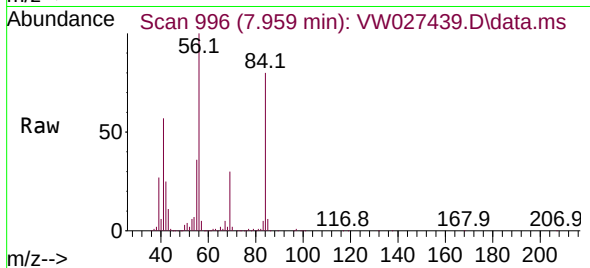
98 9.0 7.5 11.3



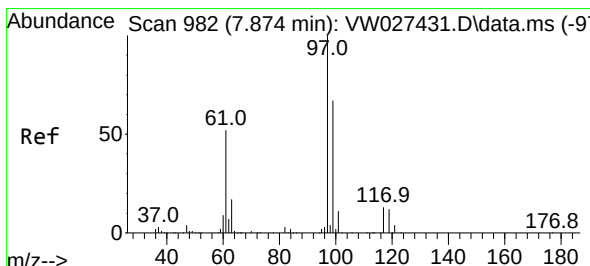
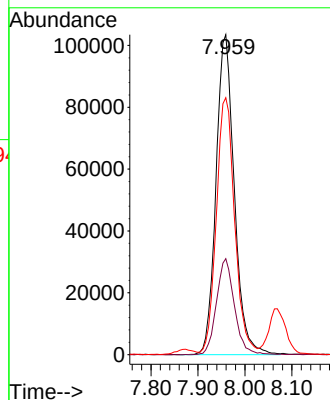
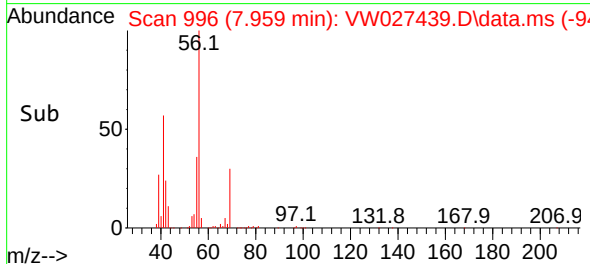


#29
Cyclohexane
Concen: 24.565 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Instrument :
MSVOA_W
ClientSampleId :

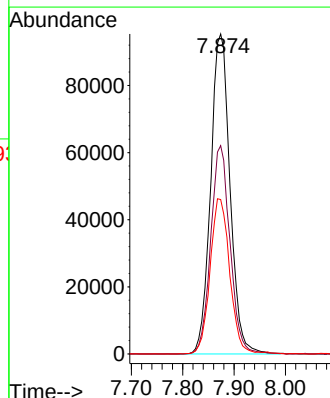
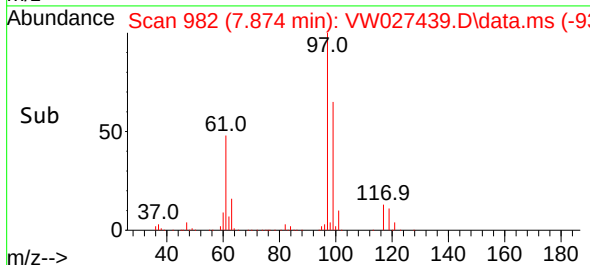
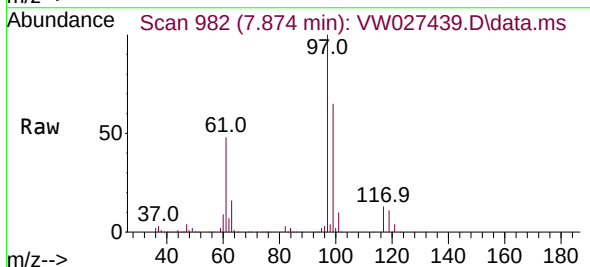


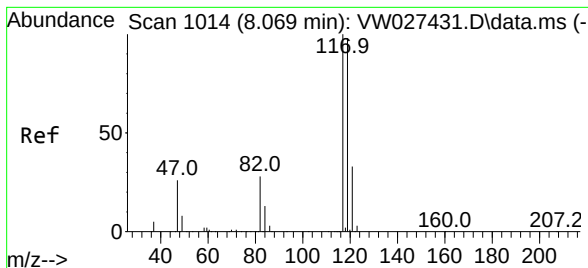
Tgt Ion: 56 Resp: 279866
Ion Ratio Lower Upper
56 100
69 29.5 24.2 36.4
84 80.1 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 27.299 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Tgt Ion: 97 Resp: 249870
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 48.9 37.4 56.0





#31

Carbon tetrachloride

Concen: 25.689 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

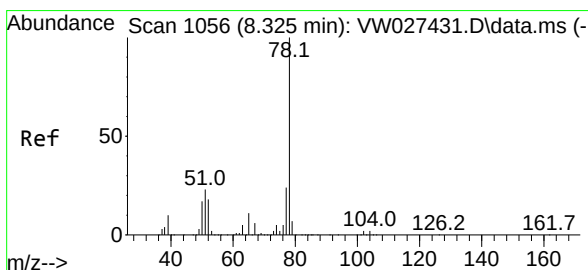
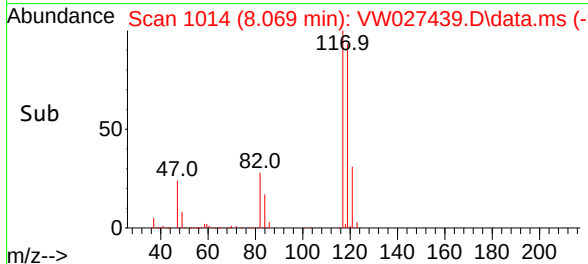
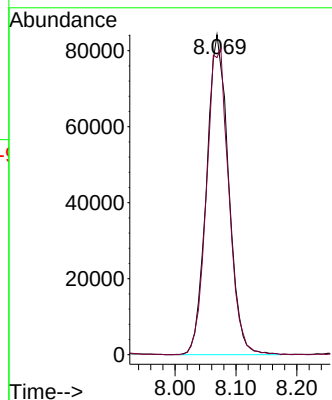
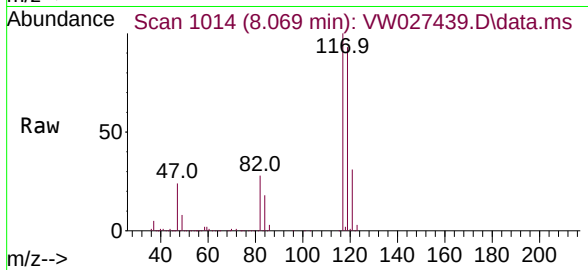
ClientSampleId :

Tgt Ion:117 Resp: 212017

Ion Ratio Lower Upper

117 100

119 96.8 77.1 115.7



#33

Benzene

Concen: 27.247 ug/L

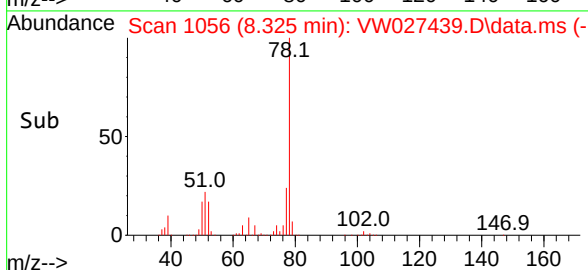
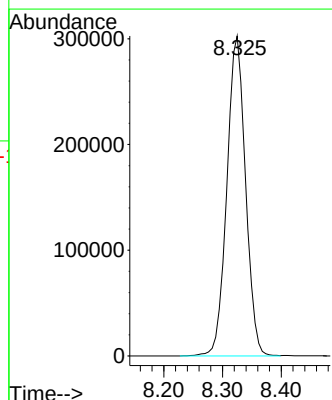
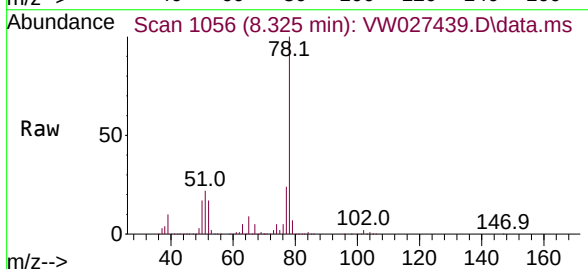
RT: 8.325 min Scan# 1056

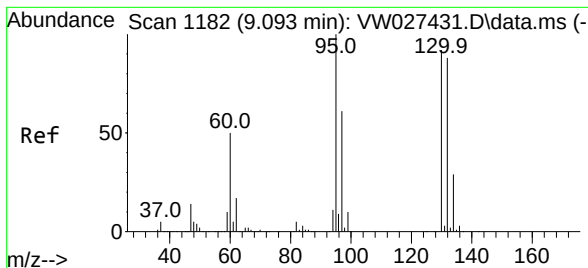
Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Tgt Ion: 78 Resp: 668184





#34

Trichloroethene

Concen: 26.844 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 173886

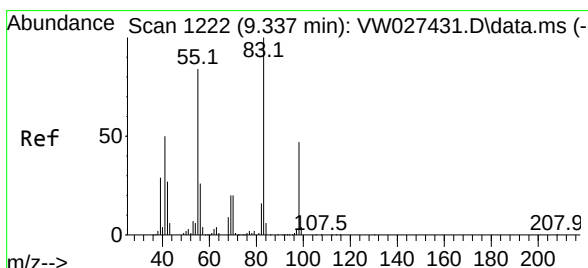
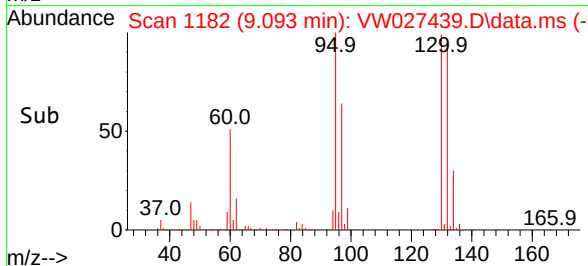
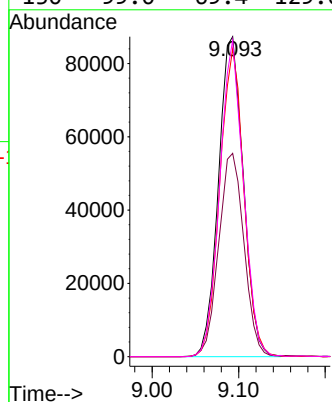
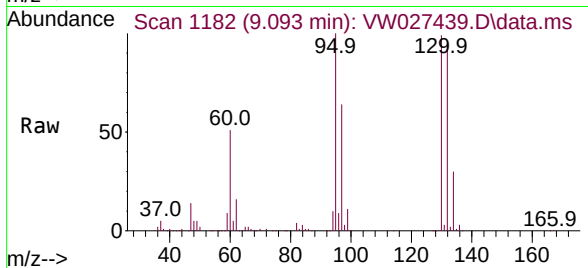
Ion Ratio Lower Upper

95 100

97 63.5 43.4 80.6

132 96.2 67.6 125.6

130 99.0 69.4 129.0



#35

Methylcyclohexane

Concen: 24.705 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

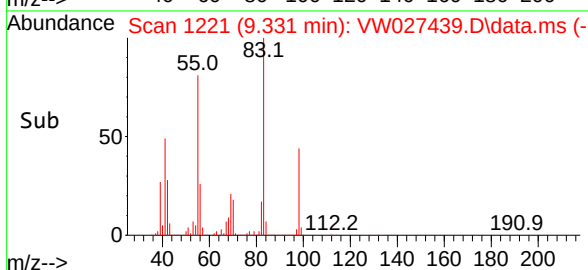
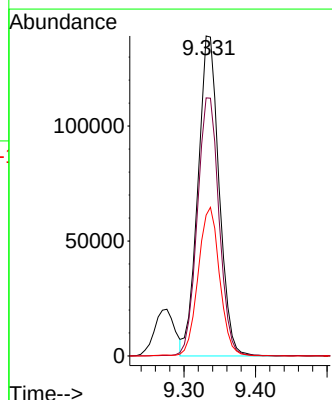
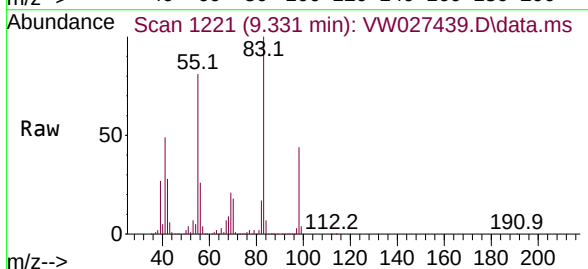
Tgt Ion: 83 Resp: 286181

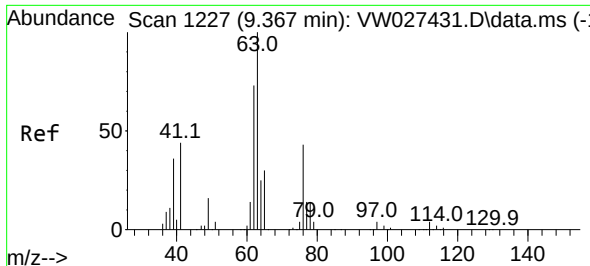
Ion Ratio Lower Upper

83 100

55 83.0 65.8 98.8

98 47.1 38.1 57.1





#37

1,2-Dichloropropane

Concen: 27.913 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

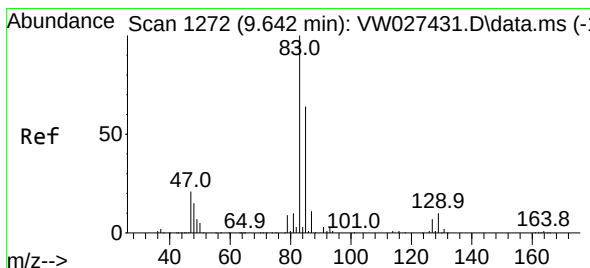
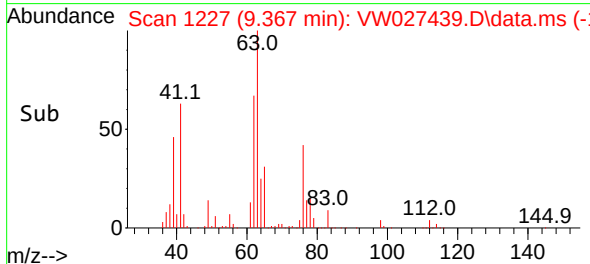
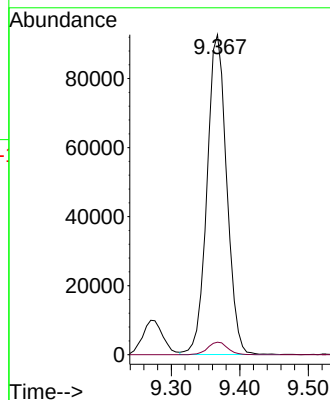
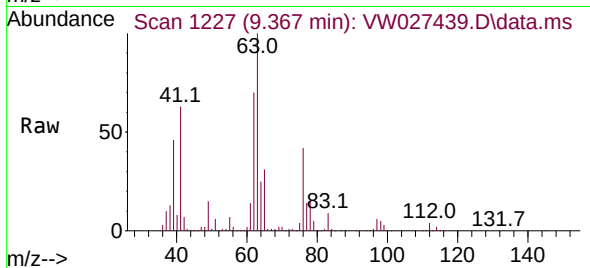
ClientSampleId :

Tgt Ion: 63 Resp: 185085

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 26.481 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

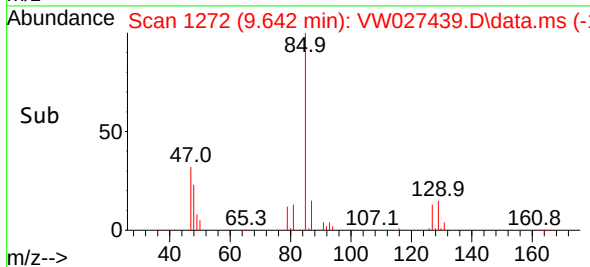
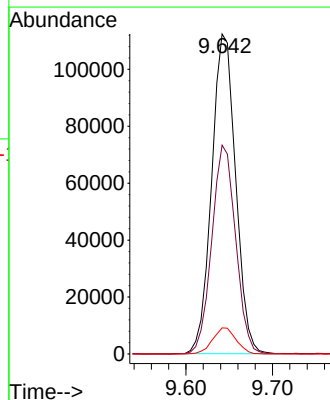
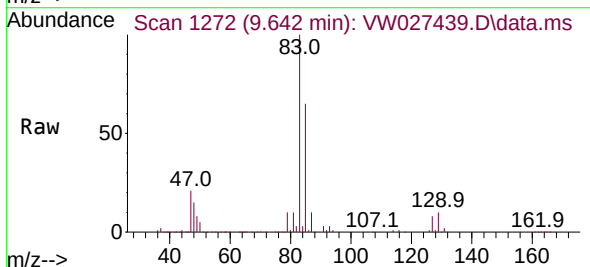
Tgt Ion: 83 Resp: 215907

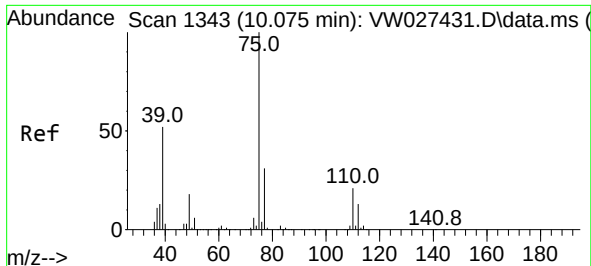
Ion Ratio Lower Upper

83 100

85 65.2 43.9 81.5

127 8.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 25.318 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

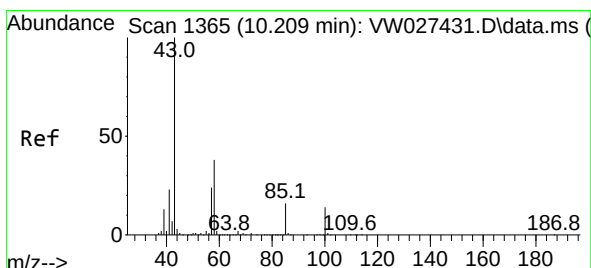
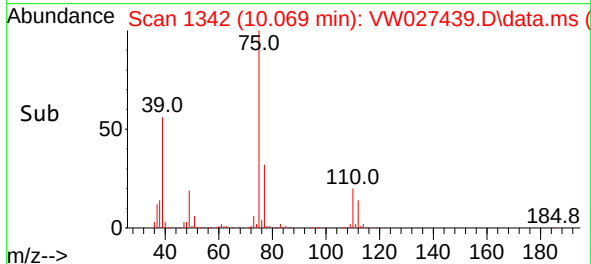
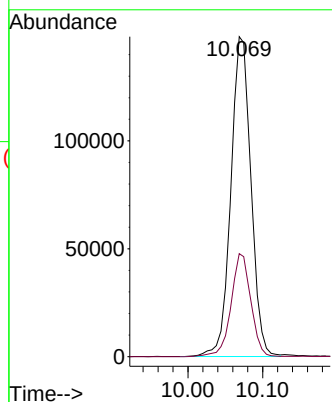
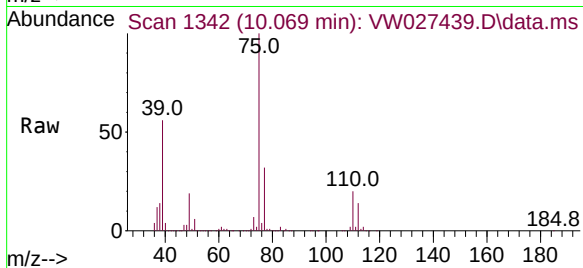
ClientSampleId :

Tgt Ion: 75 Resp: 277311

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 48.587 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

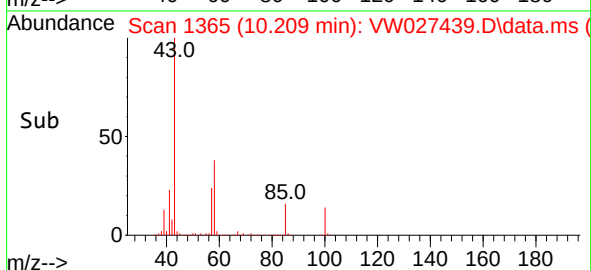
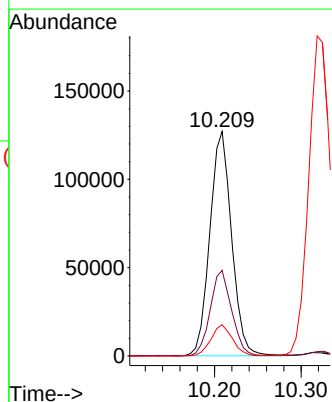
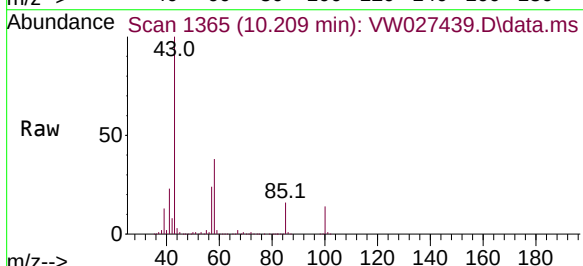
Tgt Ion: 43 Resp: 221556

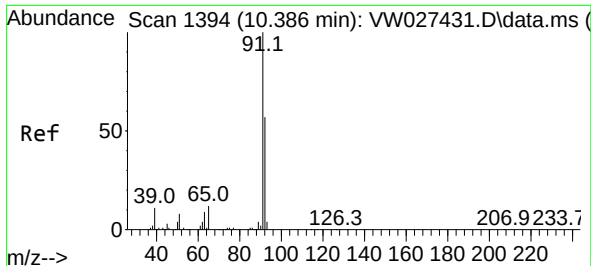
Ion Ratio Lower Upper

43 100

58 37.8 30.5 45.7

100 13.8 11.5 17.3

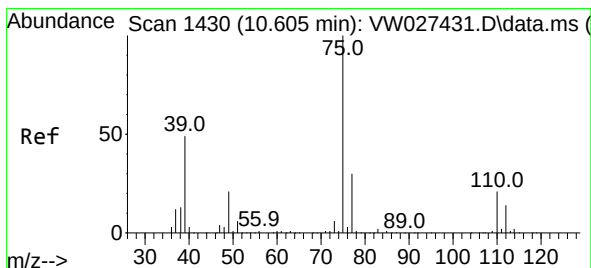
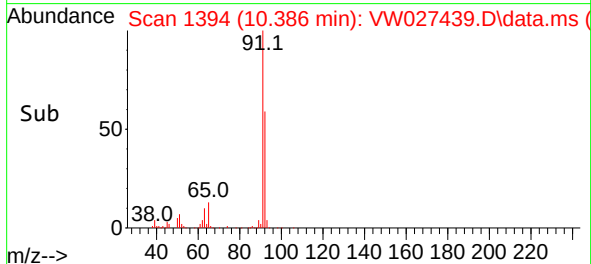
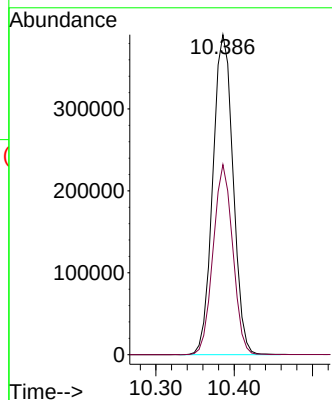
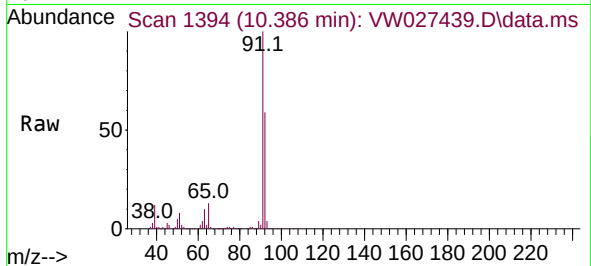




#42
Toluene
Concen: 27.284 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

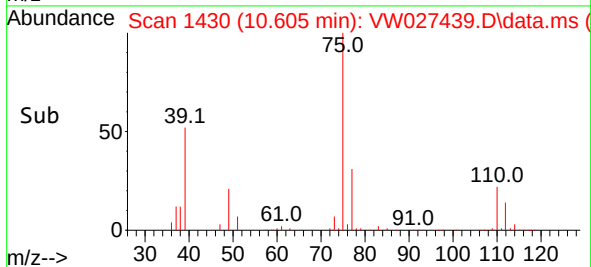
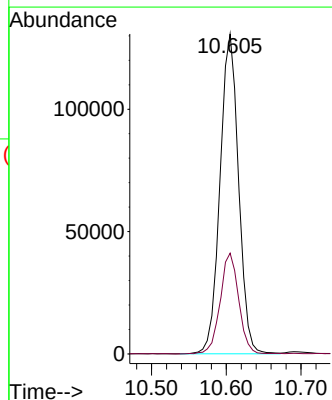
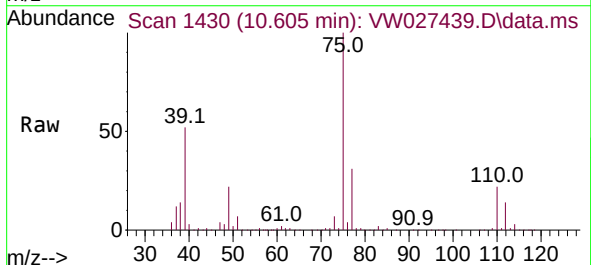
Instrument :
MSVOA_W
ClientSampleId :

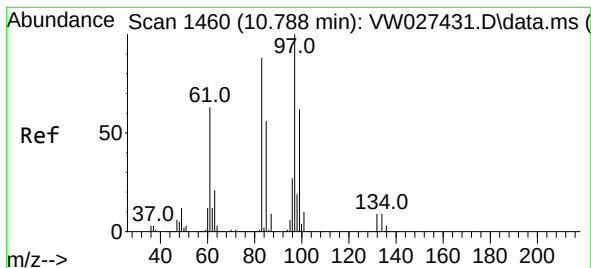
Tgt Ion: 91 Resp: 701900
Ion Ratio Lower Upper
91 100
92 59.4 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 24.455 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Tgt Ion: 75 Resp: 226012
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.429 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

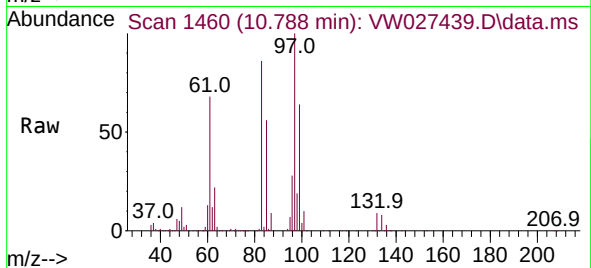
Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

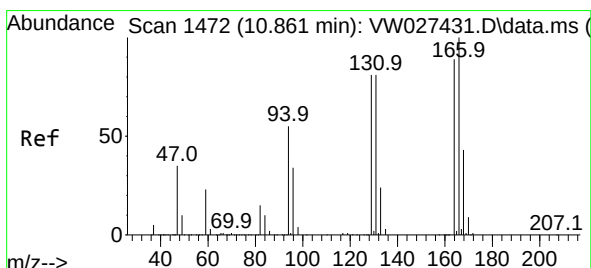
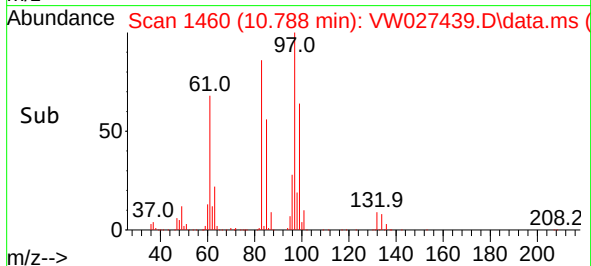
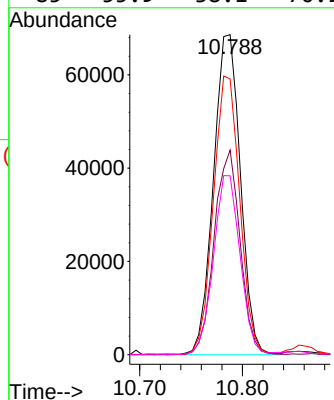
MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 125152

Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.8	81.4
83	86.2	57.5	106.7
85	55.9	38.1	70.9



#46

Tetrachloroethene

Concen: 24.860 ug/L

RT: 10.861 min Scan# 1472

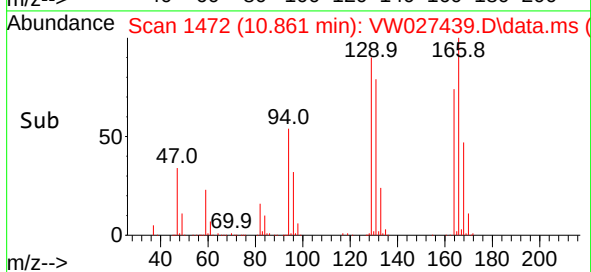
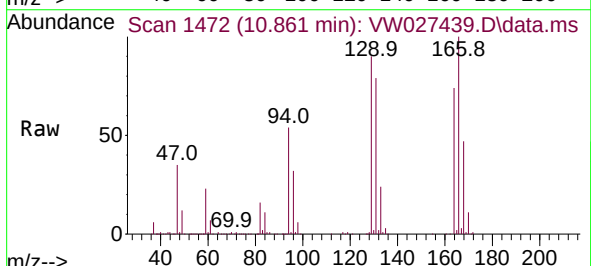
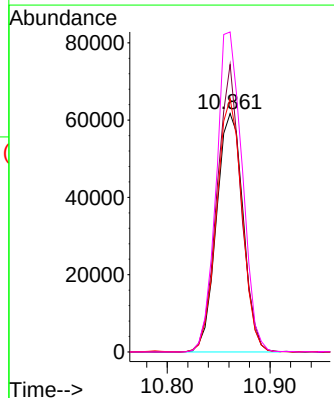
Delta R.T. 0.000 min

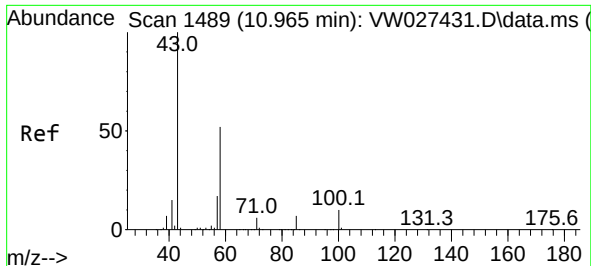
Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Tgt Ion:164 Resp: 111194

Ion	Ratio	Lower	Upper
164	100		
129	120.7	74.7	138.7
131	106.3	73.2	136.0
166	134.3	87.3	162.1

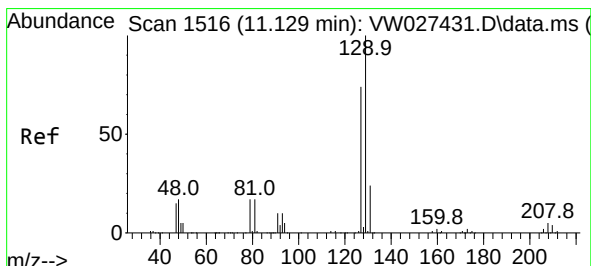
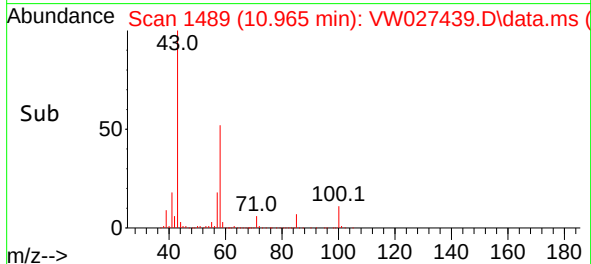
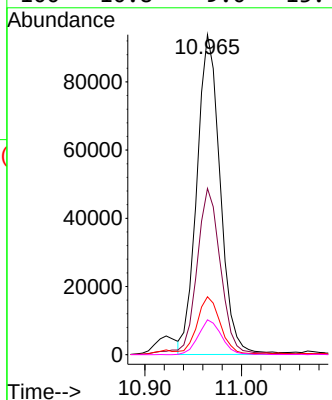
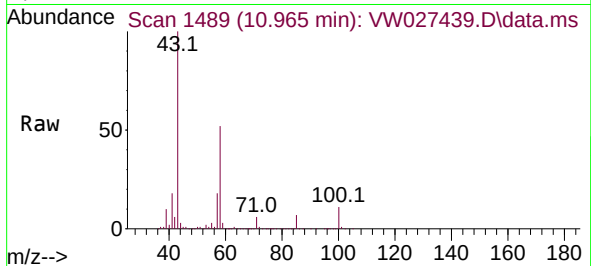




#48
2-Hexanone
Concen: 46.677 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

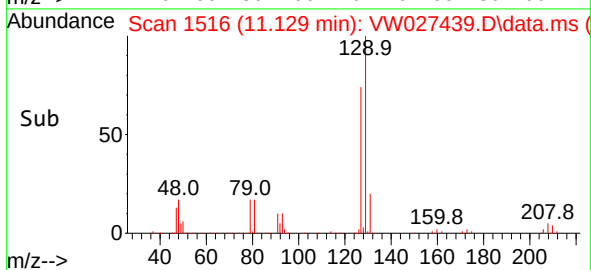
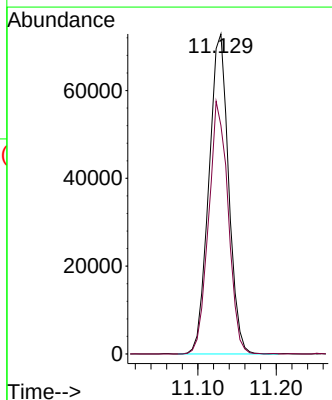
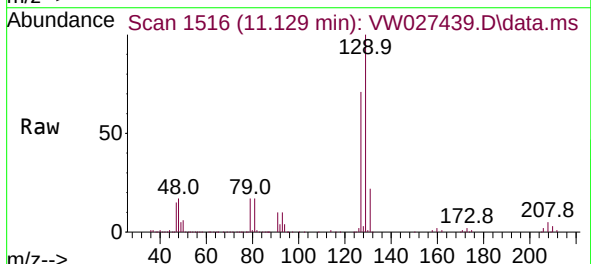
Instrument :
MSVOA_W
ClientSampleId :

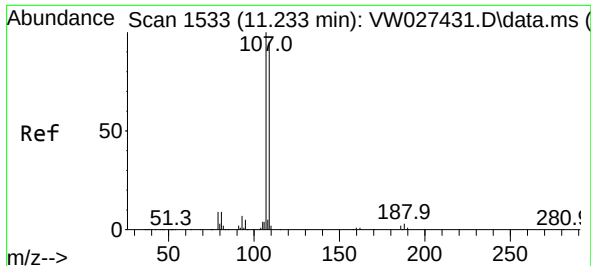
Tgt Ion:	43	Resp:	157538
Ion	Ratio	Lower	Upper
43	100		
58	53.2	42.2	63.4
57	18.0	15.1	22.7
100	10.8	9.0	13.4



#49
Dibromochloromethane
Concen: 25.130 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Tgt Ion:	129	Resp:	127341
Ion	Ratio	Lower	Upper
129	100		
127	71.4	51.7	95.9





#50

1,2-Dibromoethane

Concen: 25.146 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

ClientSampleId :

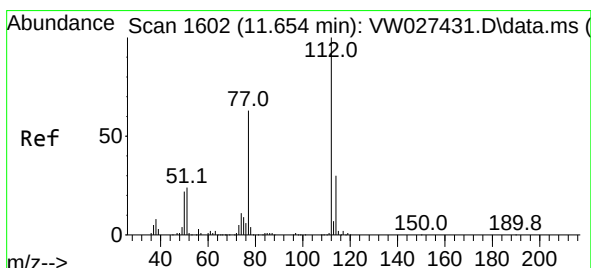
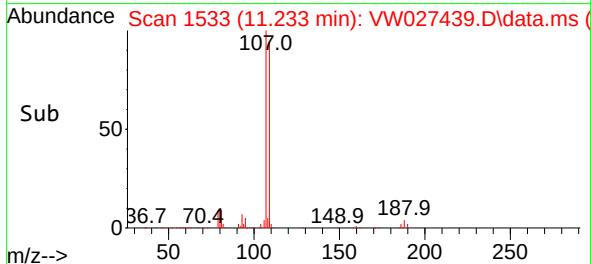
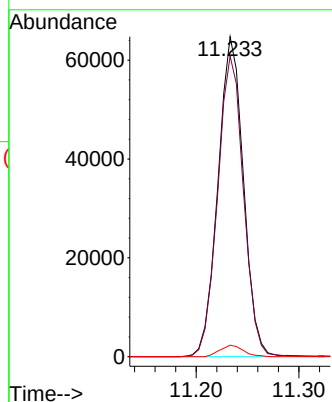
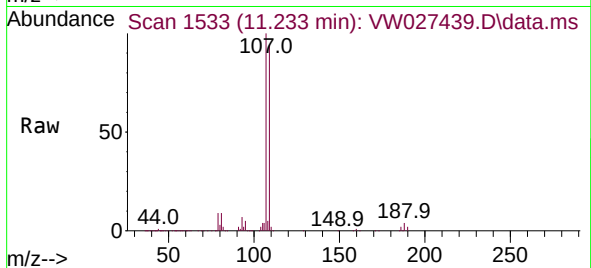
Tgt Ion:107 Resp: 111241

Ion Ratio Lower Upper

107 100

109 93.9 66.3 123.1

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 27.509 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

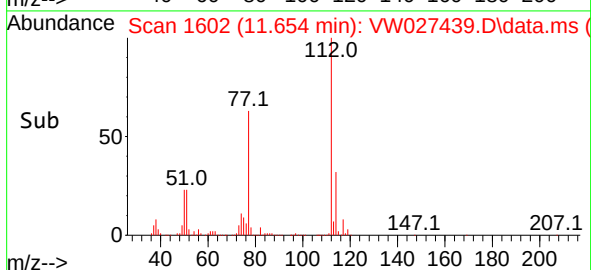
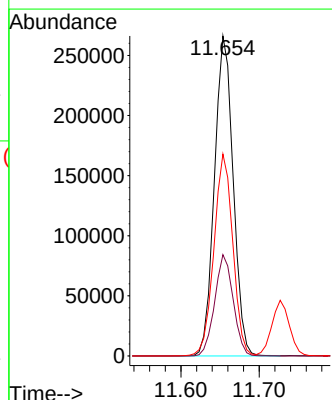
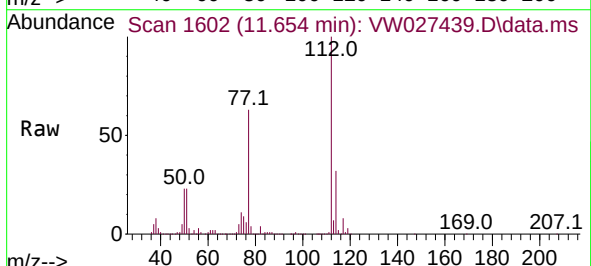
Tgt Ion:112 Resp: 443154

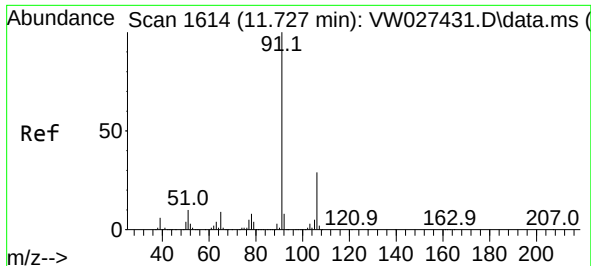
Ion Ratio Lower Upper

112 100

114 31.6 21.8 40.6

77 63.1 52.2 78.4

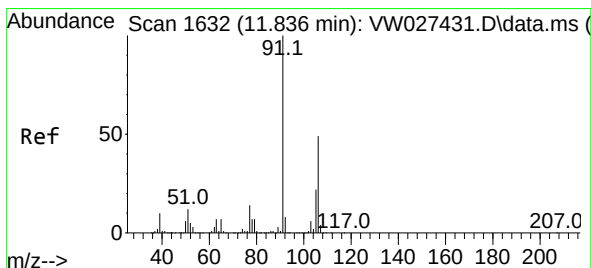
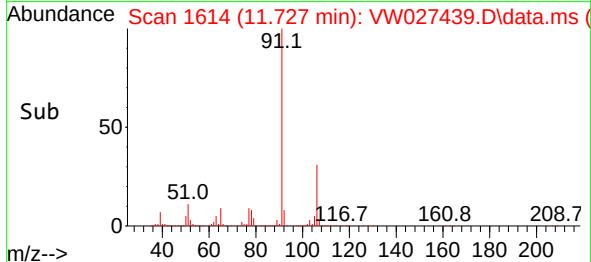
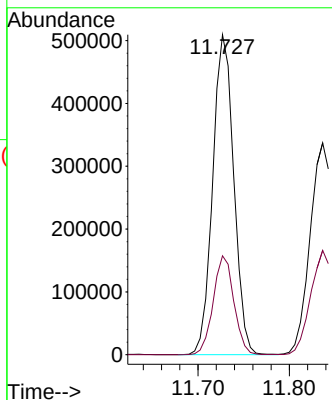
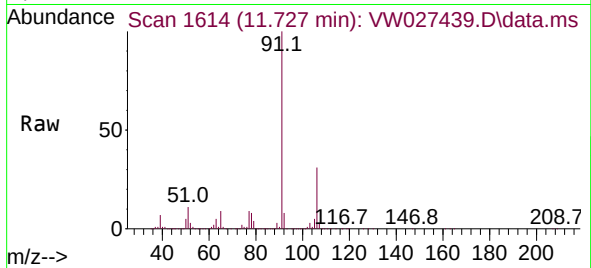




#52
Ethylbenzene
Concen: 27.279 ug/L
RT: 11.727 min Scan# 11502
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

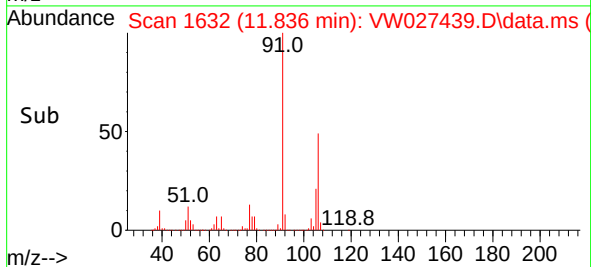
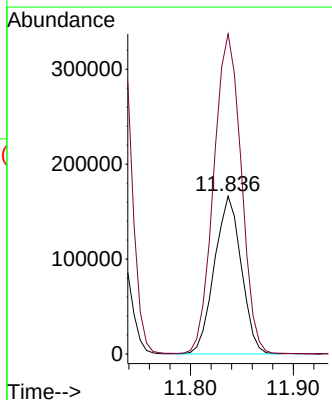
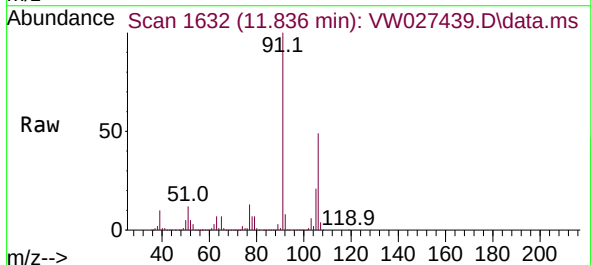
Instrument :
MSVOA_W
ClientSampleId :

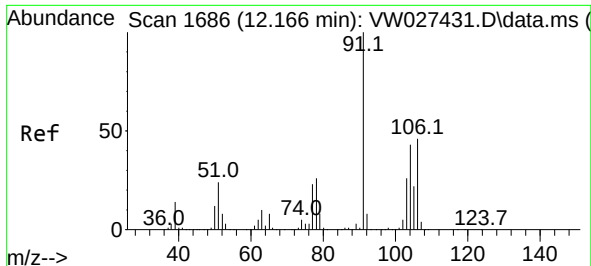
Tgt Ion: 91 Resp: 815502
Ion Ratio Lower Upper
91 100
106 30.9 19.8 36.8



#53
m,p-Xylene
Concen: 26.598 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Tgt Ion:106 Resp: 301588
Ion Ratio Lower Upper
106 100
91 202.9 144.5 268.4

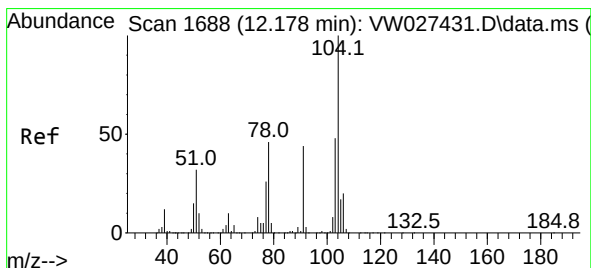
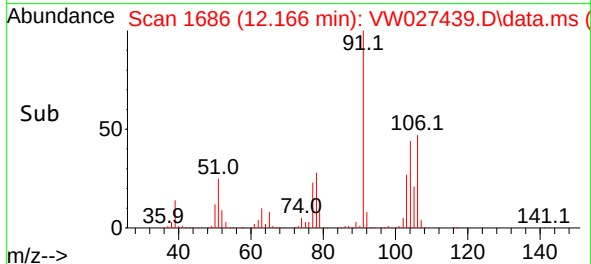
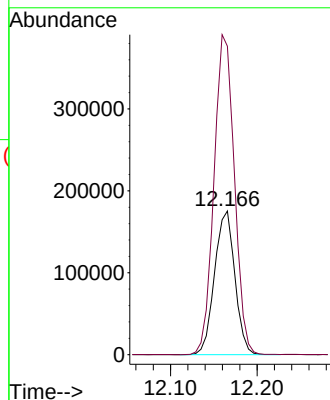
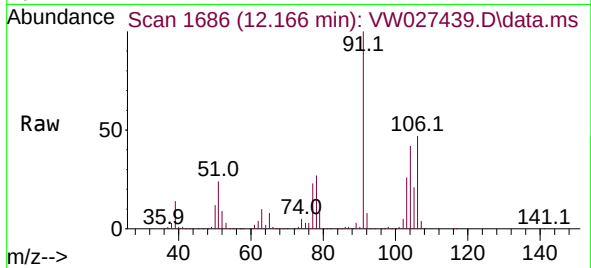




#54
o-Xylene
Concen: 26.320 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

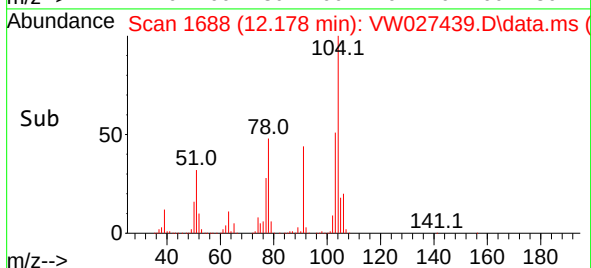
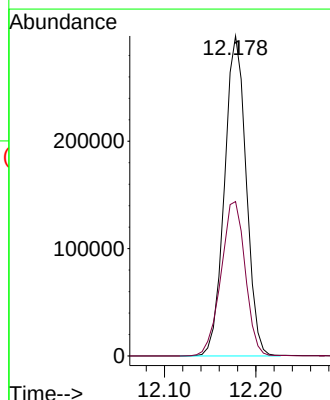
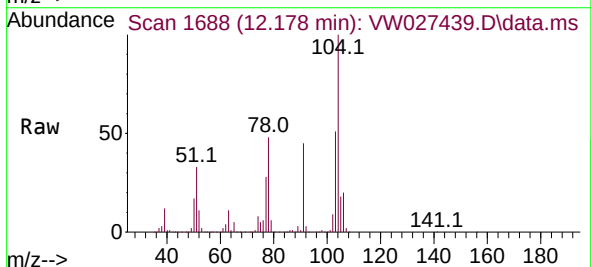
Instrument :
MSVOA_W
ClientSampleId :

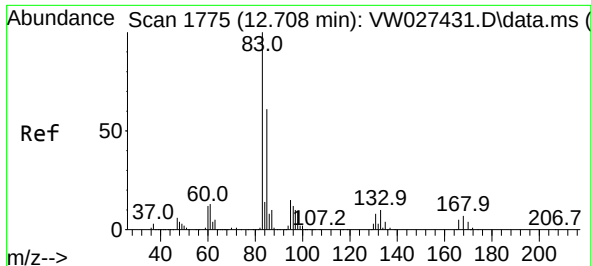
Tgt Ion:106 Resp: 285780
Ion Ratio Lower Upper
106 100
91 214.6 152.0 282.2



#55
Styrene
Concen: 26.505 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

Tgt Ion:104 Resp: 491497
Ion Ratio Lower Upper
104 100
78 48.2 33.2 61.6





#57

1,1,2,2-Tetrachloroethane

Concen: 25.834 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

ClientSampleId :

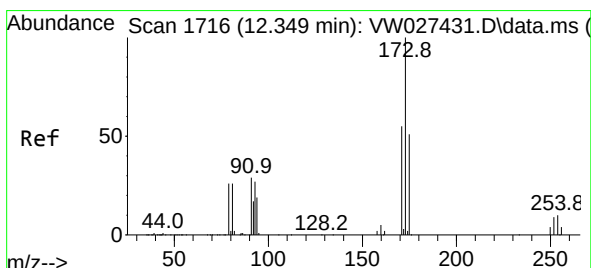
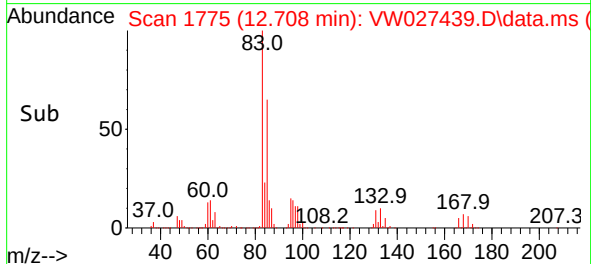
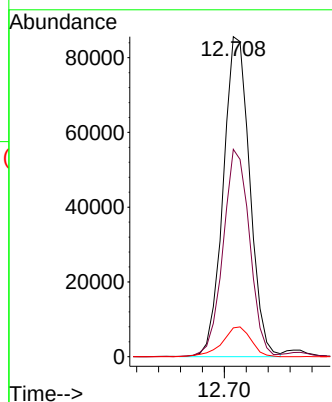
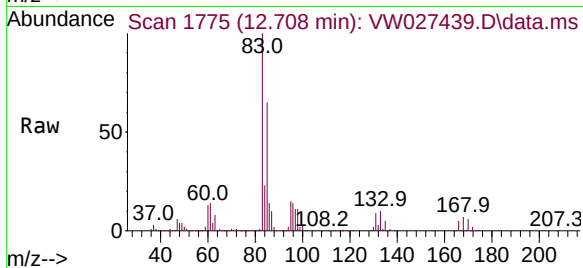
Tgt Ion: 83 Resp: 143899

Ion Ratio Lower Upper

83 100

85 64.8 43.2 80.2

131 9.0 7.2 10.8



#59

Bromoform

Concen: 23.415 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

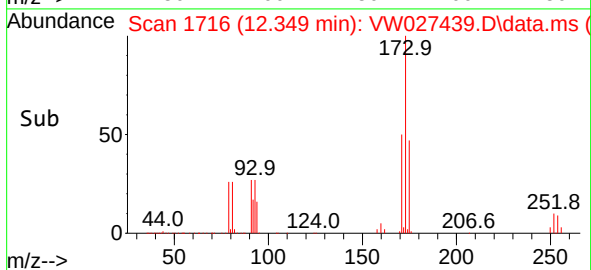
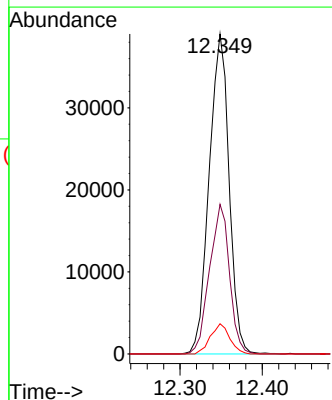
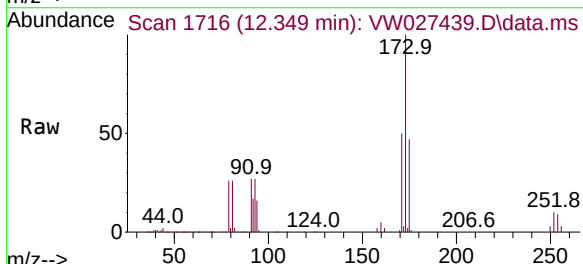
Tgt Ion:173 Resp: 65648

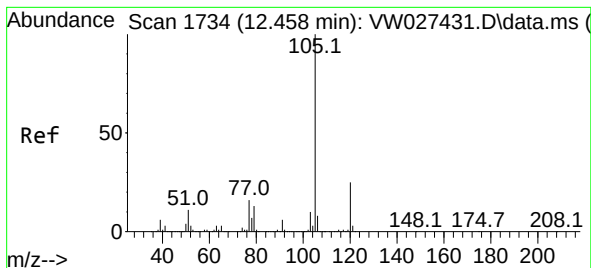
Ion Ratio Lower Upper

173 100

175 46.8 39.6 59.4

254 9.1 6.6 10.0





#60

Isopropylbenzene

Concen: 26.898 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

ClientSampleId :

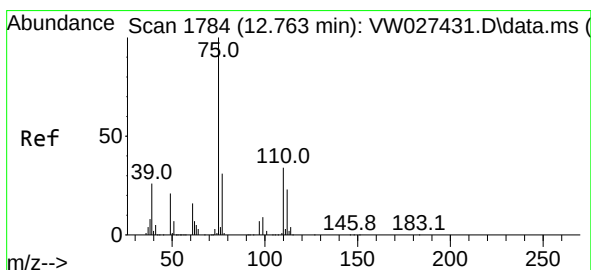
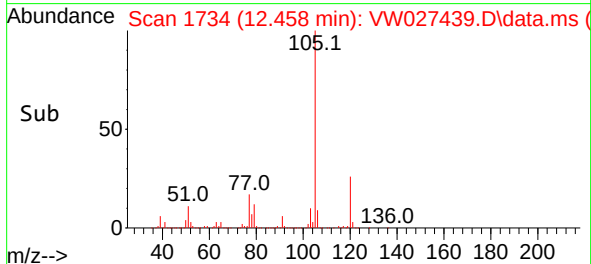
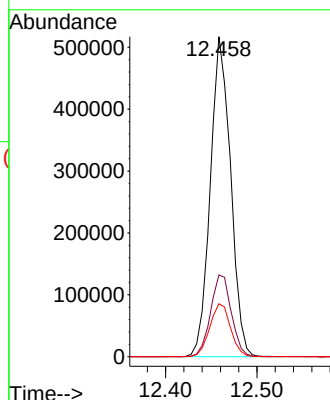
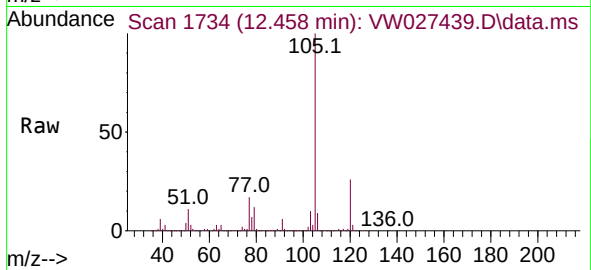
Tgt Ion:105 Resp: 796168

Ion Ratio Lower Upper

105 100

120 26.1 20.1 30.1

77 16.9 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 25.973 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

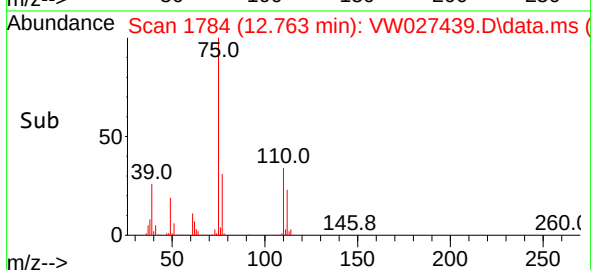
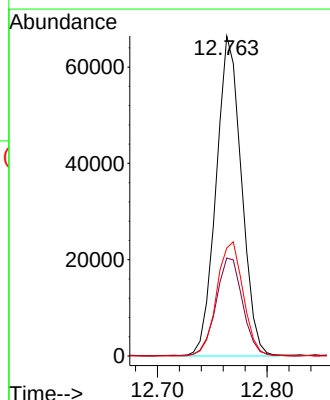
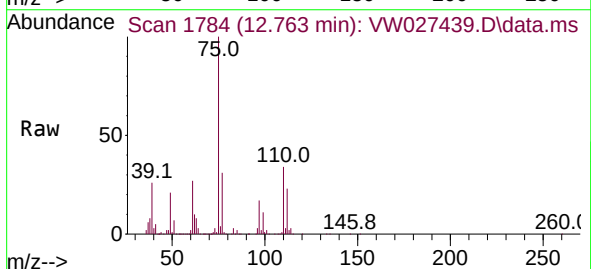
Tgt Ion: 75 Resp: 106855

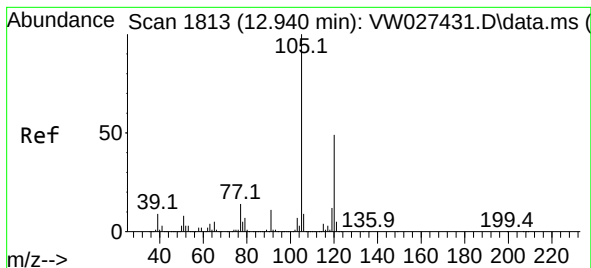
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

110 37.1 29.7 44.5

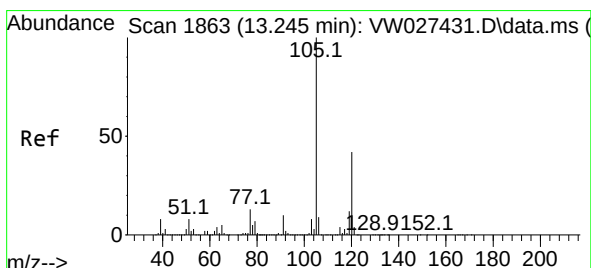
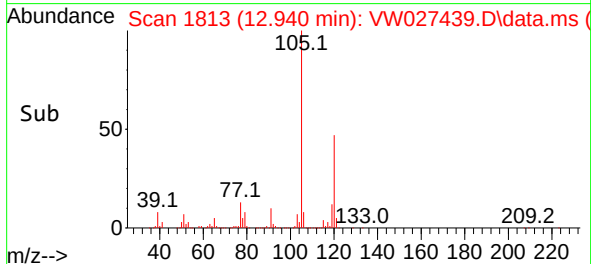
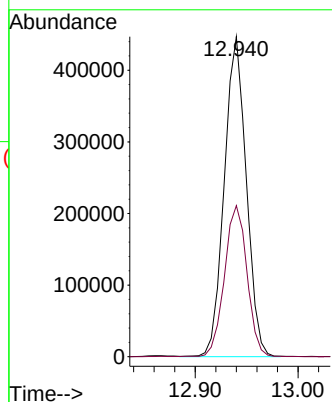
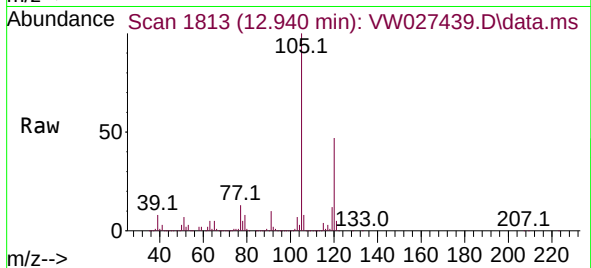




#62
1,3,5-Trimethylbenzene
Concen: 26.885 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

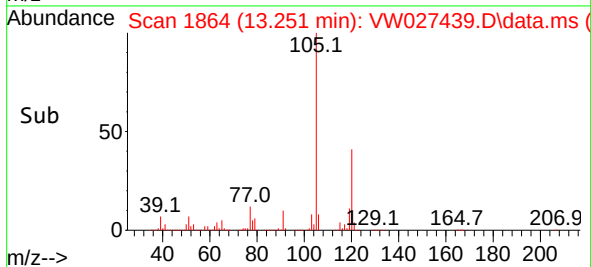
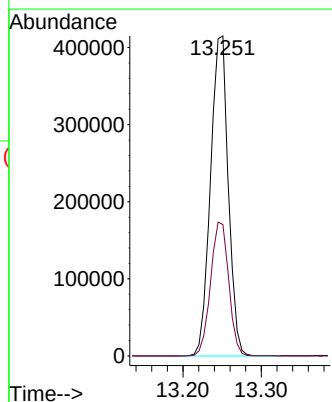
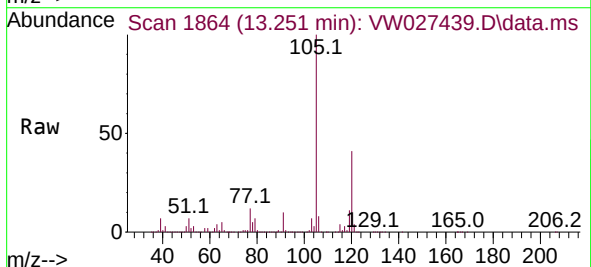
Instrument :
MSVOA_W
ClientSampleId :

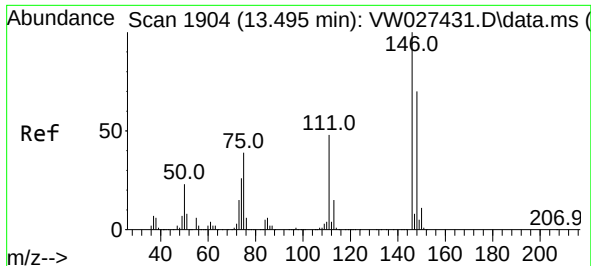
Tgt Ion:105 Resp: 663799
Ion Ratio Lower Upper
105 100
120 48.3 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 27.090 ug/L
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

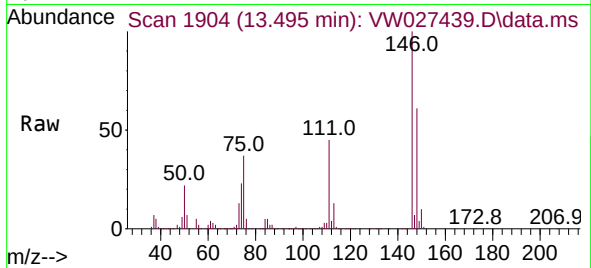
Tgt Ion:105 Resp: 654414
Ion Ratio Lower Upper
105 100
120 42.7 35.4 53.2



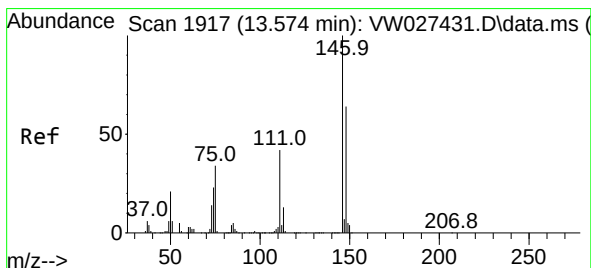
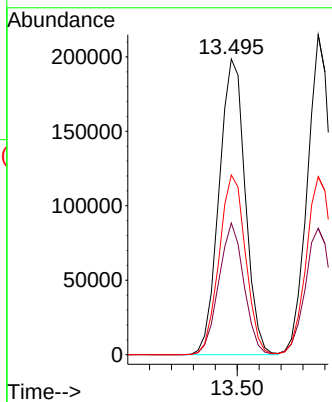
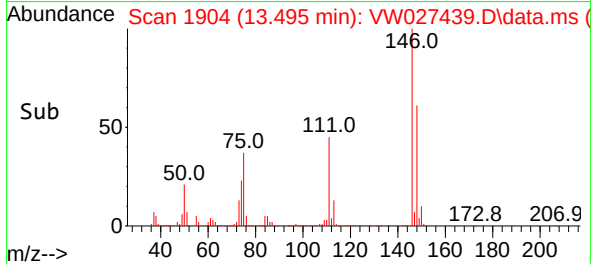


#64
1,3-Dichlorobenzene
Concen: 27.365 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11

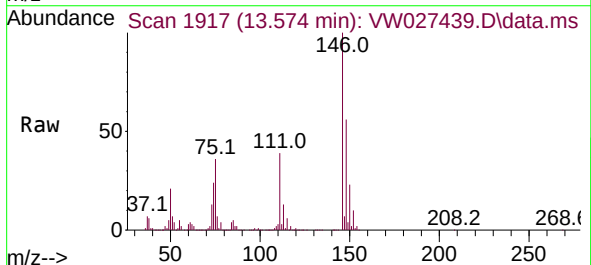
Instrument :
MSVOA_W
ClientSampleId :



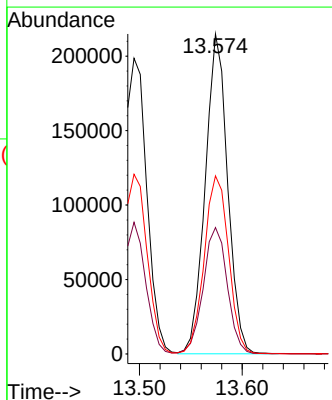
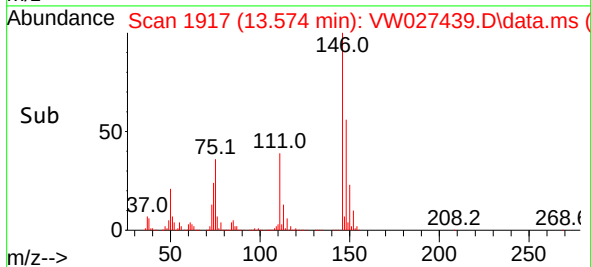
Tgt Ion:146 Resp: 328462
Ion Ratio Lower Upper
146 100
111 44.5 30.8 57.2
148 60.8 46.3 85.9

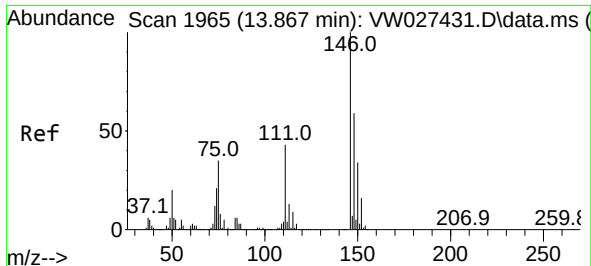


#65
1,4-Dichlorobenzene
Concen: 27.244 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027439.D
Acq: 25 Oct 2023 15:11



Tgt Ion:146 Resp: 326567
Ion Ratio Lower Upper
146 100
111 39.5 29.5 54.9
148 55.7 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 26.393 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

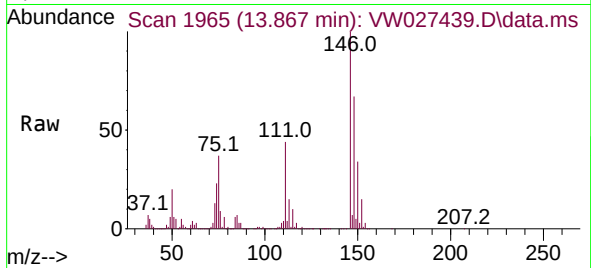
Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

ClientSampleId :



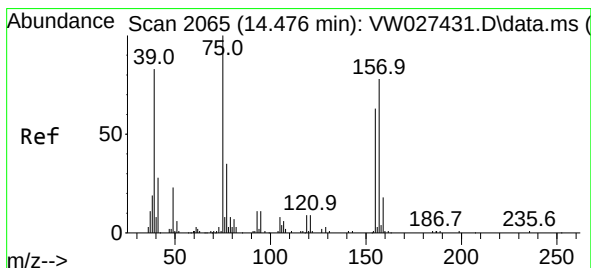
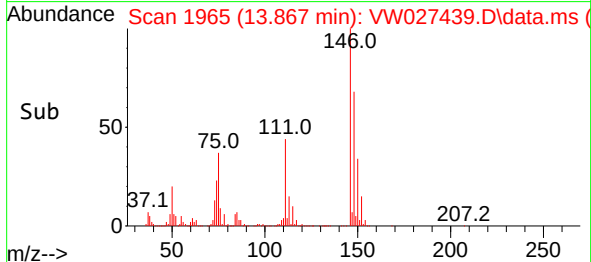
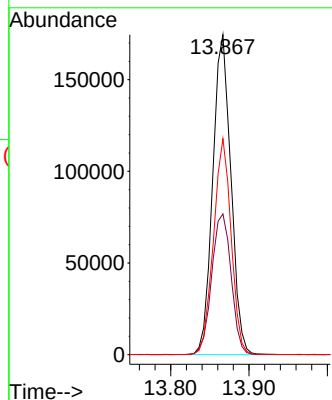
Tgt Ion:146 Resp: 281114

Ion Ratio Lower Upper

146 100

111 44.0 36.8 55.2

148 67.5 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.454 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

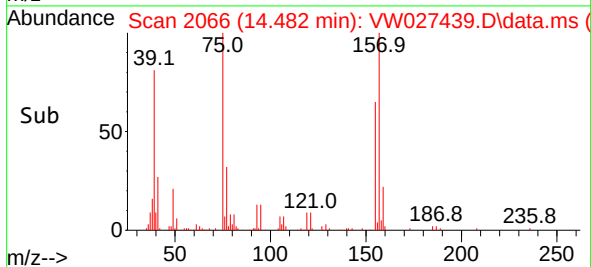
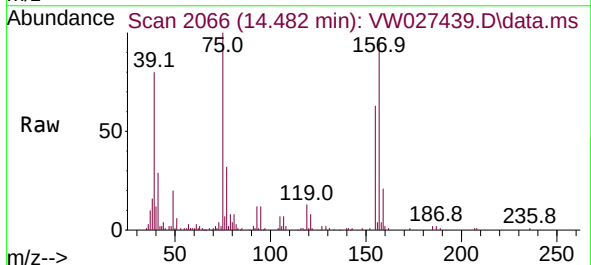
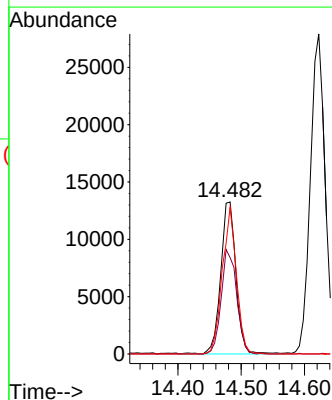
Tgt Ion: 75 Resp: 22059

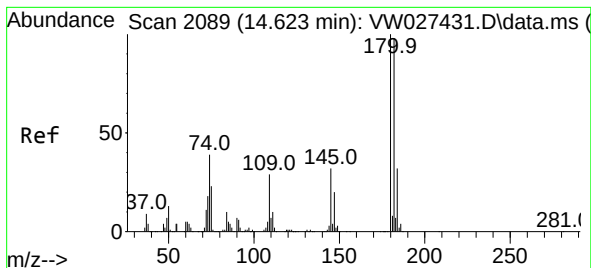
Ion Ratio Lower Upper

75 100

155 63.4 54.9 82.3

157 96.5 64.7 97.1





#69

1,3,5-Trichlorobenzene

Concen: 27.015 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

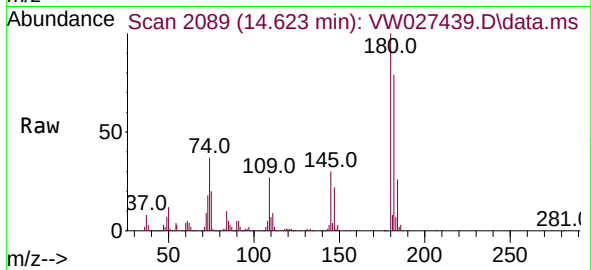
Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 210501

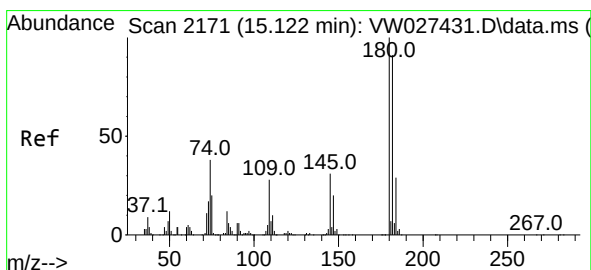
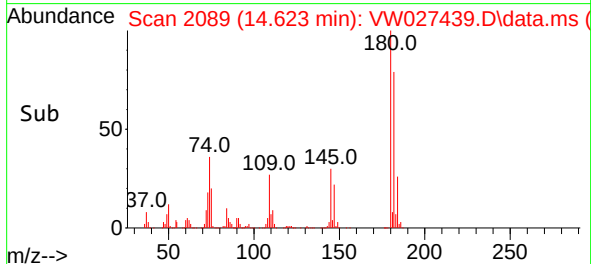
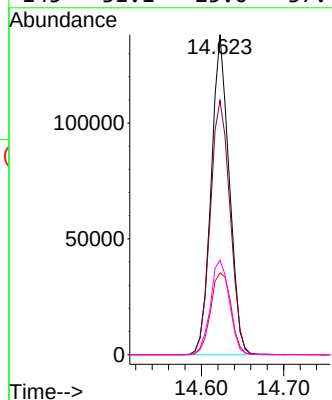
Ion Ratio Lower Upper

180 100

182 86.9 73.4 110.0

184 28.9 23.3 34.9

145 31.1 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 25.436 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

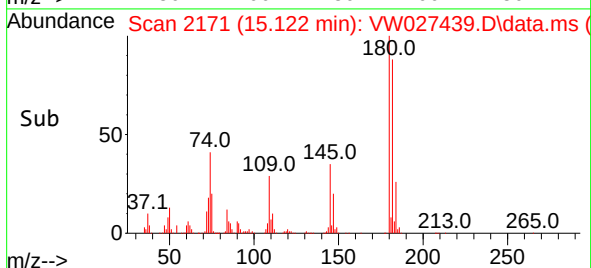
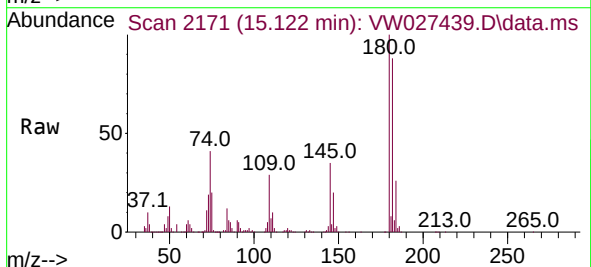
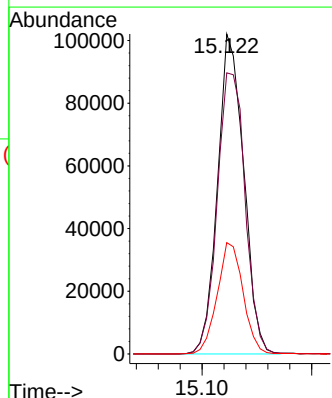
Tgt Ion:180 Resp: 168693

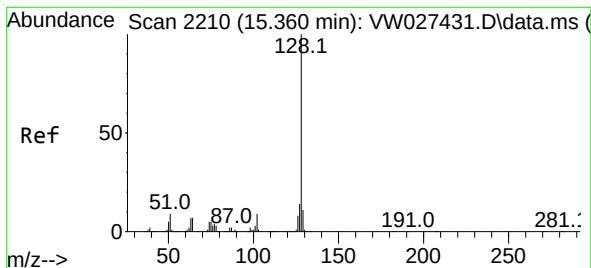
Ion Ratio Lower Upper

180 100

182 94.0 75.5 113.3

145 34.2 26.4 39.6





#71

Naphthalene

Concen: 23.526 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Instrument :

MSVOA_W

ClientSampleId :

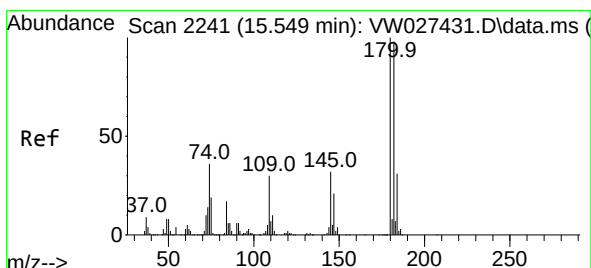
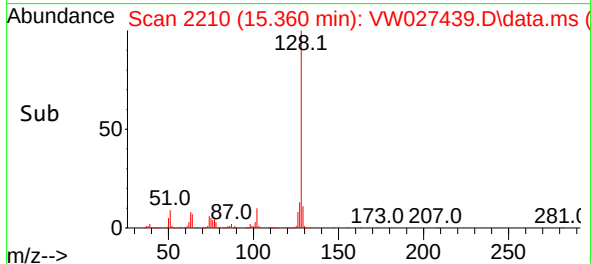
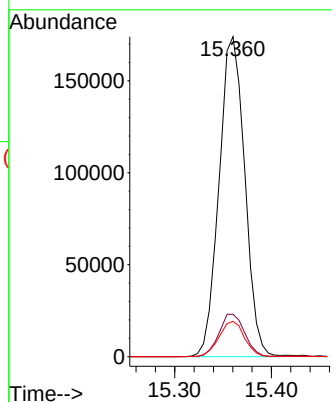
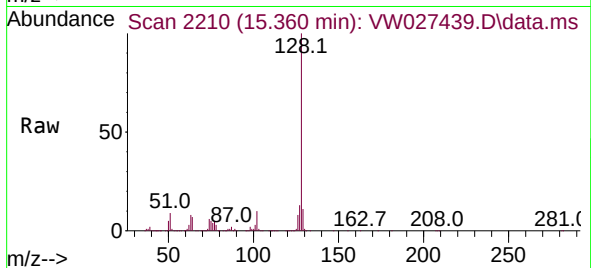
Tgt Ion:128 Resp: 320855

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.771 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027439.D

Acq: 25 Oct 2023 15:11

Tgt Ion:180 Resp: 140540

Ion Ratio Lower Upper

180 100

182 96.2 81.1 121.7

145 35.4 30.6 45.8

