

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070124\
 Data File : VW029435.D
 Acq On : 01 Jul 2024 18:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 02 08:13:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	258770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234472	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118720	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	60223	16.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.240%
7) Chloroethane-d5	2.899	69	53871	17.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.240%
11) 1,1-Dichloroethene-d2	4.021	65	31193	18.038	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.160%
21) 2-Butanone-d5	7.081	46	49330	46.035	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.060%
24) Chloroform-d	7.648	84	165873	21.488	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.960%
26) 1,2-Dichloroethane-d4	8.307	65	92424	20.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	8.276	84	309197	21.710	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.840%
36) 1,2-Dichloropropane-d6	9.270	67	101251	22.365	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.480%
41) Toluene-d8	10.325	98	275675	21.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	10.575	79	40170	22.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.080%
47) 2-Hexanone-d5	10.922	63	34595	48.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81613	22.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	90176	21.883	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45718	18.109	ug/L	98
3) Chloromethane	2.222	50	69535	19.317	ug/L	100
5) Vinyl chloride	2.375	62	84822	20.518	ug/L	96
6) Bromomethane	2.789	94	50671	20.394	ug/L	100
8) Chloroethane	2.936	64	56025	22.157	ug/L	95
9) Trichlorofluoromethane	3.265	101	78986	24.645	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78975	22.349	ug/L	94
12) 1,1-Dichloroethene	4.045	96	72413	24.151	ug/L	86
13) Acetone	4.118	43	41805	45.906	ug/L	98
14) Carbon disulfide	4.393	76	201028	20.538	ug/L	99
15) Methyl Acetate	4.673	43	42788	23.668	ug/L	99
16) Methylene chloride	4.917	84	87728	19.280	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	80067	24.045	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	142193	26.691	ug/L #	87
19) 1,1-Dichloroethane	6.222	63	178396	24.806	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	96826	26.369	ug/L	99
22) 2-Butanone	7.167	43	58251	46.663	ug/L	98
23) Bromochloromethane	7.514	128	39958	24.445	ug/L	94
25) Chloroform	7.679	83	178964	25.484	ug/L	99

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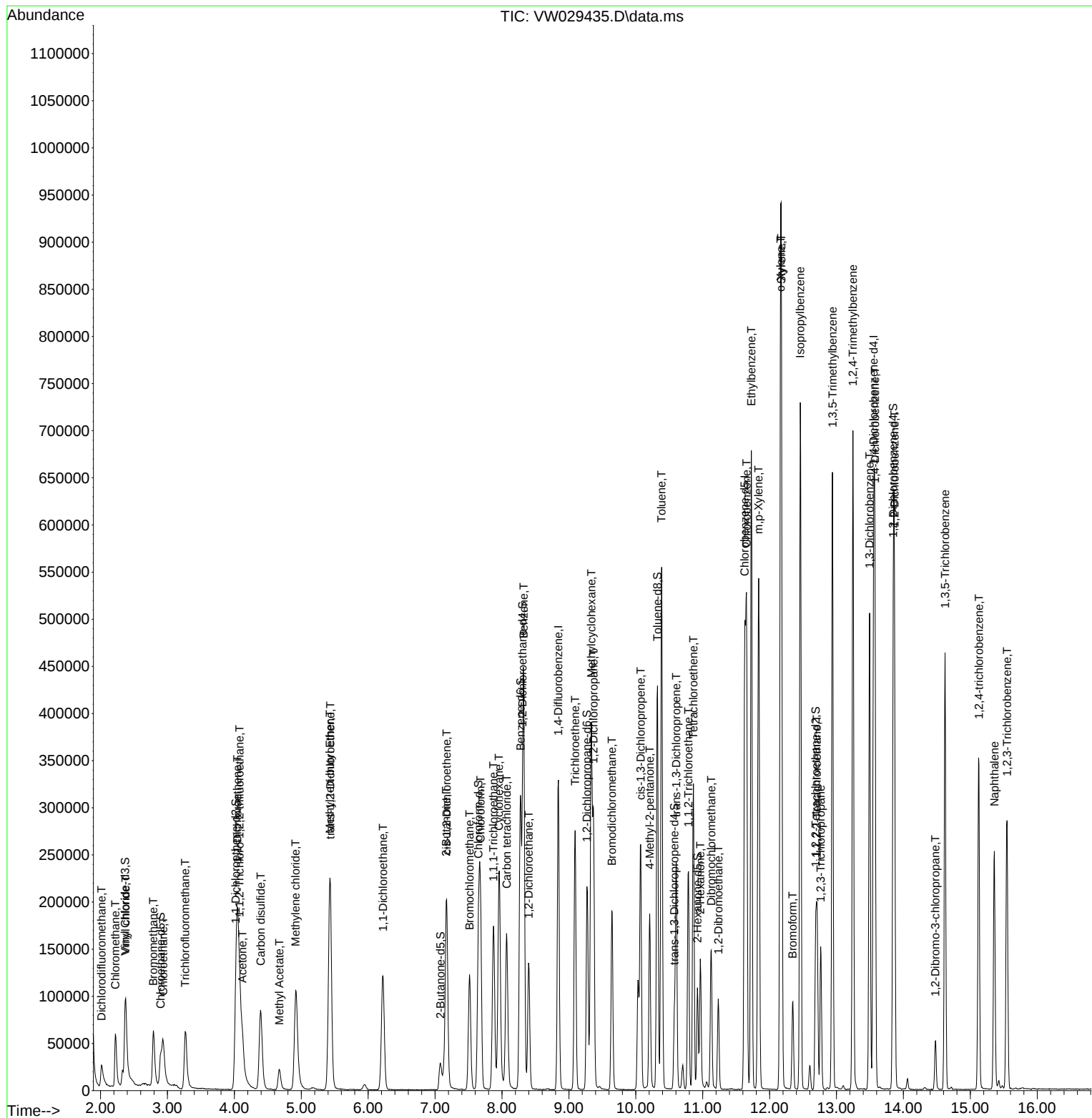
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123330	23.812	ug/L	99
29) Cyclohexane	7.953	56	135750	25.325	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	138104	26.488	ug/L	97
31) Carbon tetrachloride	8.069	117	123361	25.900	ug/L	96
33) Benzene	8.325	78	370328	26.286	ug/L	100
34) Trichloroethene	9.093	95	97107	25.836	ug/L	94
35) Methylcyclohexane	9.337	83	147200	24.902	ug/L	98
37) 1,2-Dichloropropane	9.367	63	104421	26.377	ug/L	99
38) Bromodichloromethane	9.642	83	126825	26.202	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	150515	26.897	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	127450	51.943	ug/L	98
42) Toluene	10.386	91	387095	26.727	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	125600	26.581	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	69566	25.231	ug/L	96
46) Tetrachloroethene	10.861	164	68690	26.143	ug/L	93
48) 2-Hexanone	10.965	43	89490	51.400	ug/L	98
49) Dibromochloromethane	11.129	129	75916	26.341	ug/L	99
50) 1,2-Dibromoethane	11.233	107	62421	25.221	ug/L #	97
51) Chlorobenzene	11.654	112	240412	25.562	ug/L	96
52) Ethylbenzene	11.727	91	450082	27.377	ug/L	96
53) m,p-Xylene	11.837	106	165140	27.500	ug/L	91
54) o-Xylene	12.166	106	157534	28.069	ug/L	95
55) Styrene	12.178	104	279049	28.517	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	85663	25.118	ug/L	96
59) Bromoform	12.343	173	41877	25.737	ug/L	99
60) Isopropylbenzene	12.458	105	454726	28.746	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	62926	24.301	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	336485	29.371	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	351243	28.495	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	183812	26.851	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	192844	26.476	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	171303	27.068	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	13713	22.693	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.623	180	126484	27.377	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	105273	28.108	ug/L	95
71) Naphthalene	15.360	128	202007	27.328	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	92238	27.029	ug/L	99

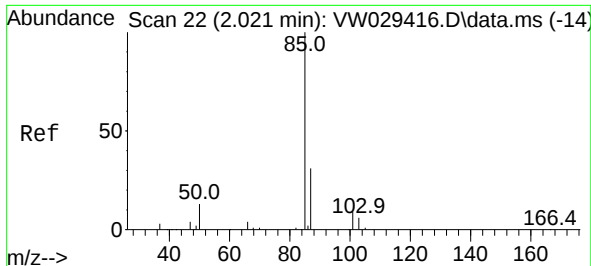
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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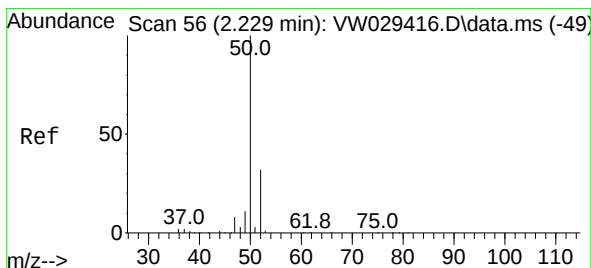
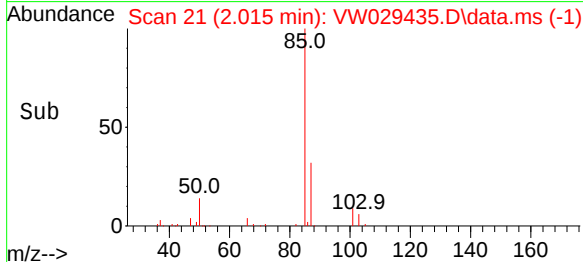
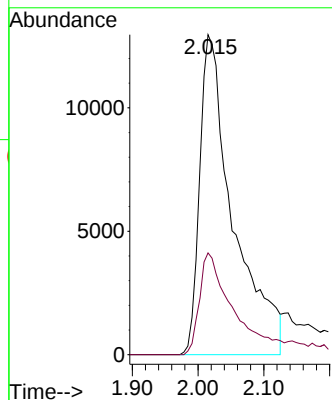
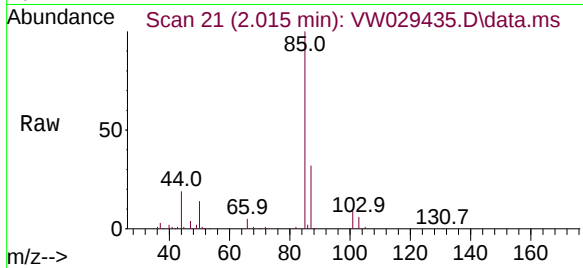




#2
Dichlorodifluoromethane
Concen: 18.109 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

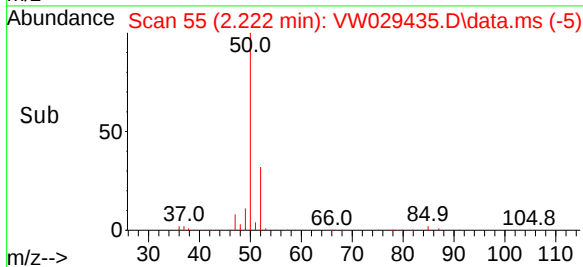
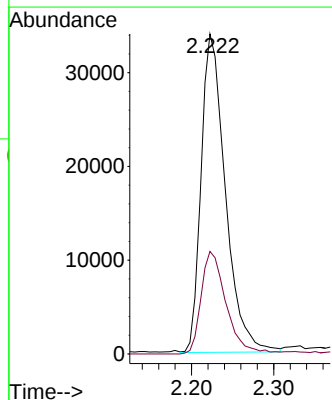
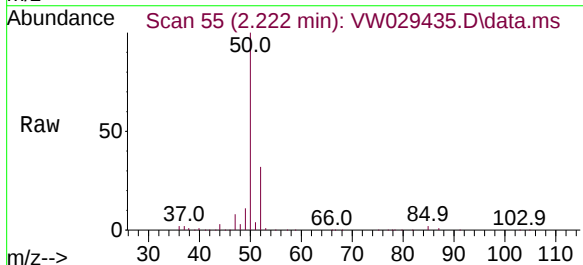
Instrument :
MSVOA_W
ClientSampleId :

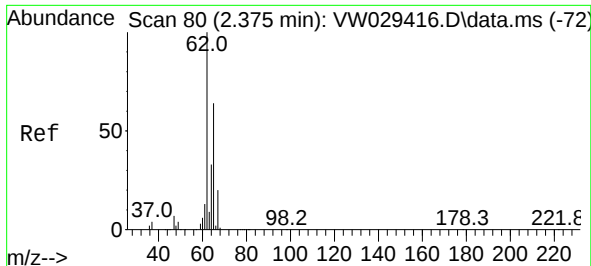
Tgt Ion: 85 Resp: 45718
Ion Ratio Lower Upper
85 100
87 31.0 23.8 35.6



#3
Chloromethane
Concen: 19.317 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion: 50 Resp: 69535
Ion Ratio Lower Upper
50 100
52 32.1 22.3 41.5

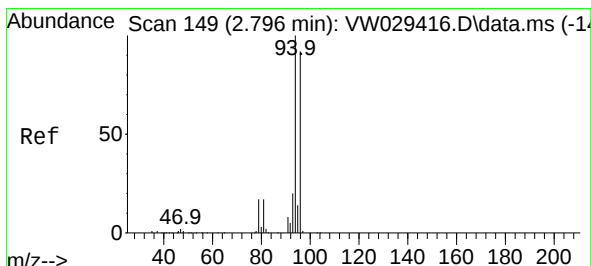
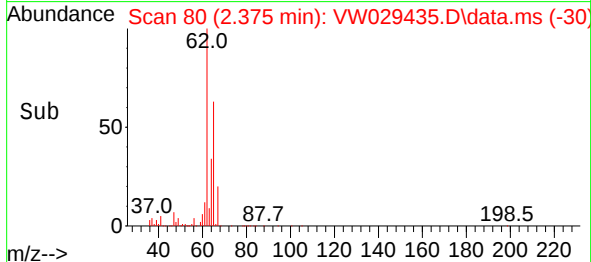
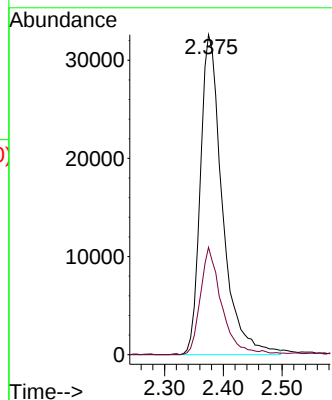
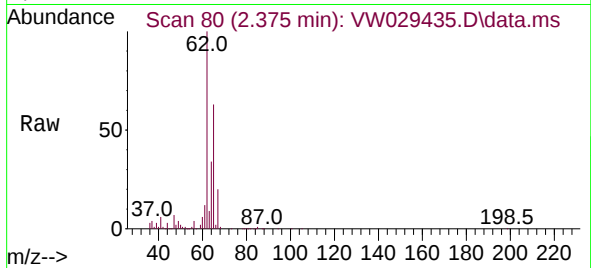




#5
 Vinyl chloride
 Concen: 20.518 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029435.D
 Acq: 01 Jul 2024 18:28

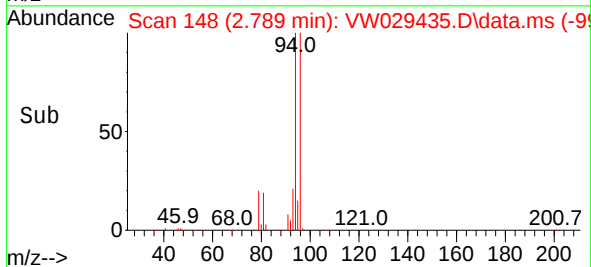
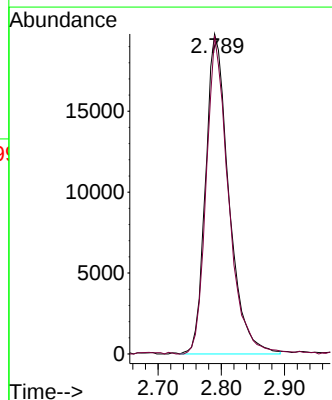
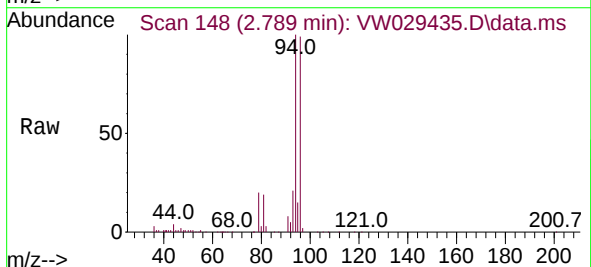
Instrument :
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 ClientSampleId :

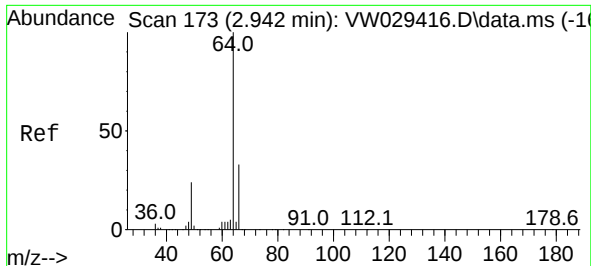
Tgt Ion: 62 Resp: 84822
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.0 40.8



#6
 Bromomethane
 Concen: 20.394 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029435.D
 Acq: 01 Jul 2024 18:28

Tgt Ion: 94 Resp: 50671
 Ion Ratio Lower Upper
 94 100
 96 99.4 69.5 129.1

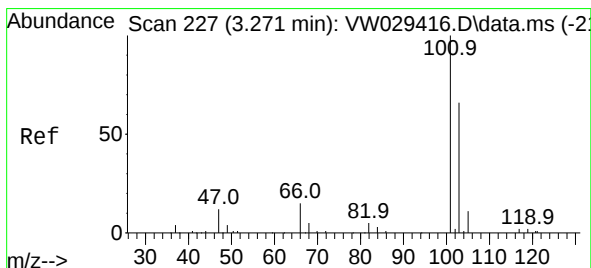
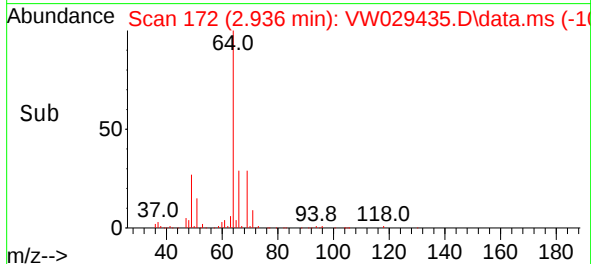
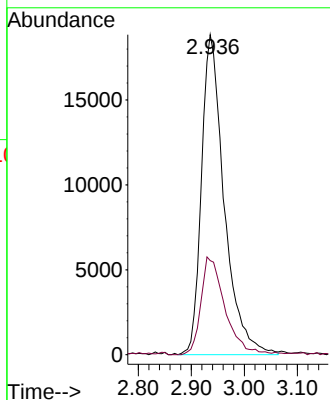
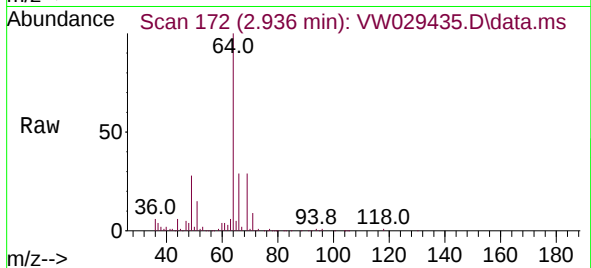




#8
Chloroethane
Concen: 22.157 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

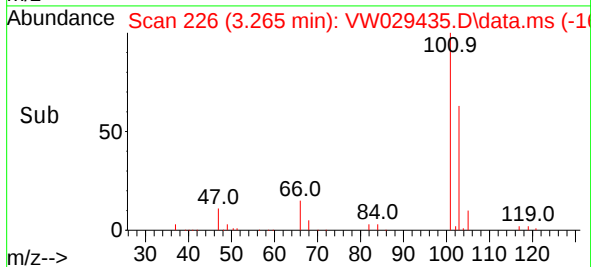
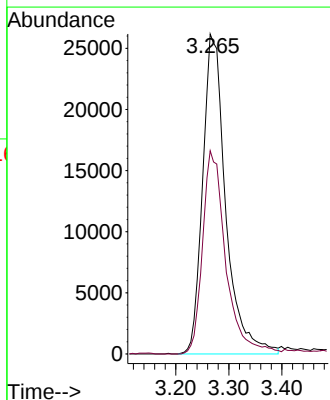
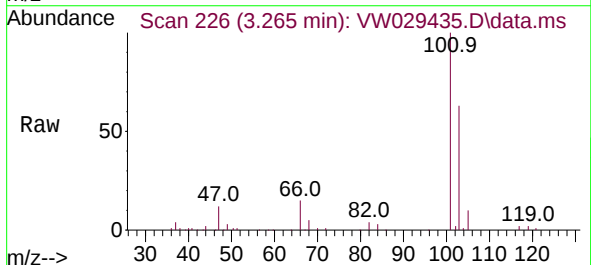
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MSVOA_W
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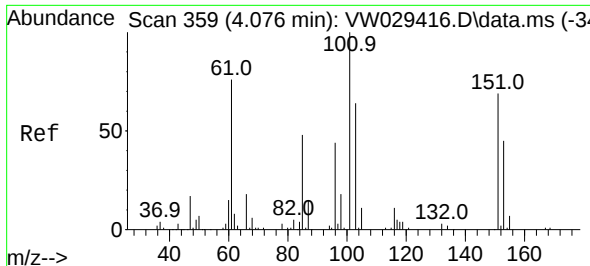
Tgt Ion: 64 Resp: 56025
Ion Ratio Lower Upper
64 100
66 29.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 24.645 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion:101 Resp: 78986
Ion Ratio Lower Upper
101 100
103 63.8 50.8 76.2





#10

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

Concen: 22.349 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

ClientSampleId :

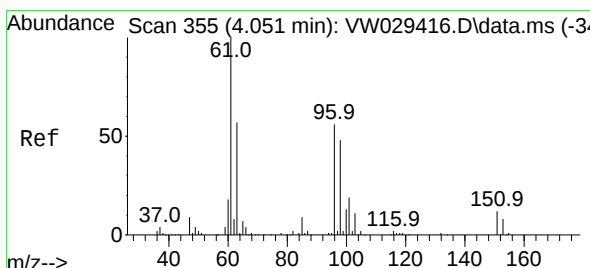
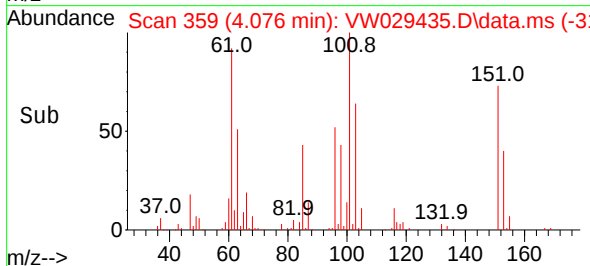
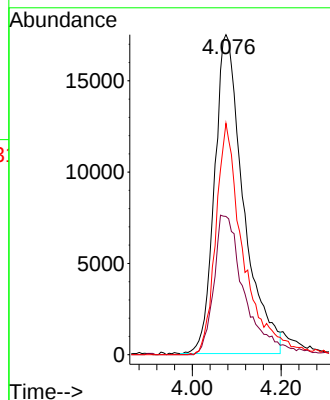
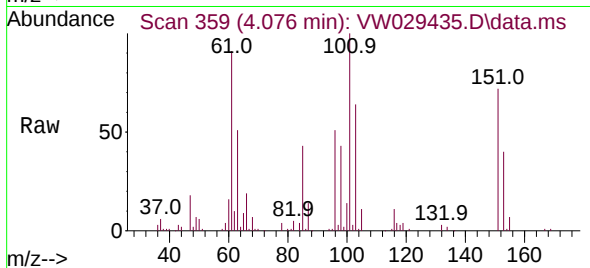
Tgt Ion:101 Resp: 78975

Ion Ratio Lower Upper

101 100

85 44.7 30.2 45.2

151 63.1 52.2 78.4



#12

1,1-Dichloroethene

Concen: 24.151 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

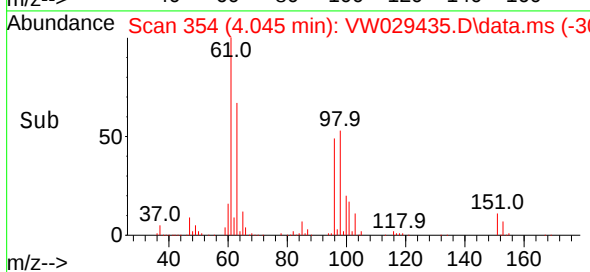
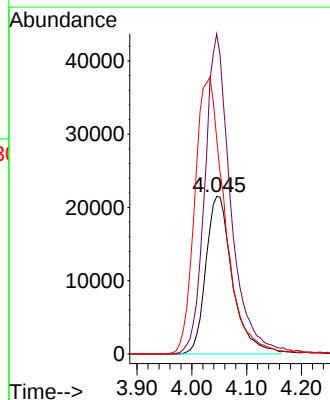
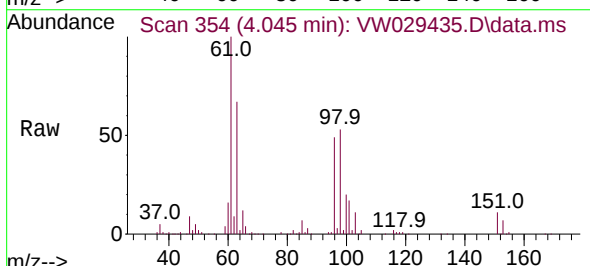
Tgt Ion: 96 Resp: 72413

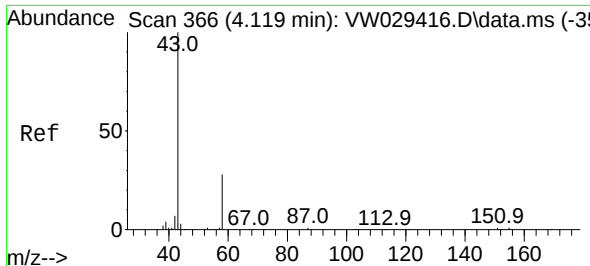
Ion Ratio Lower Upper

96 100

61 203.2 140.1 260.3

63 136.8 122.0 226.6

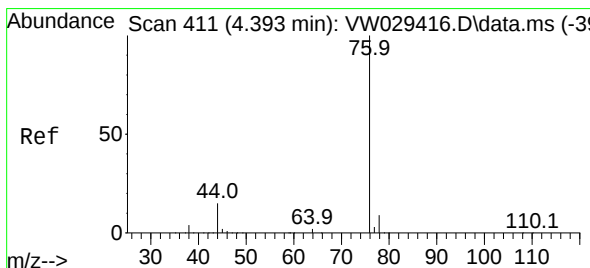
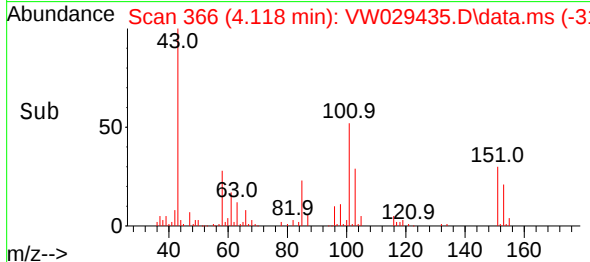
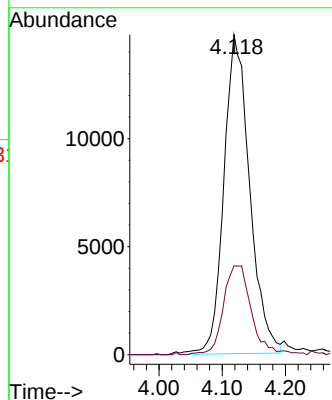
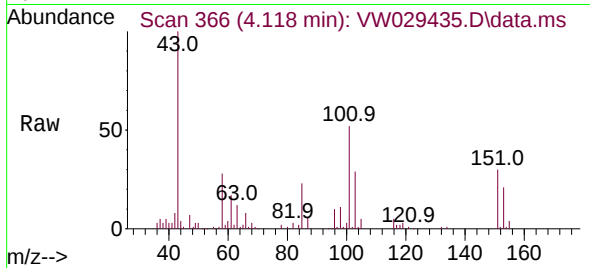




#13
Acetone
Concen: 45.906 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029435.D
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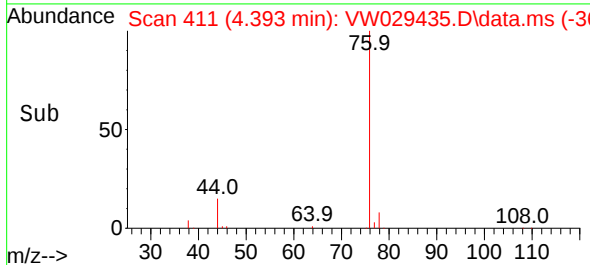
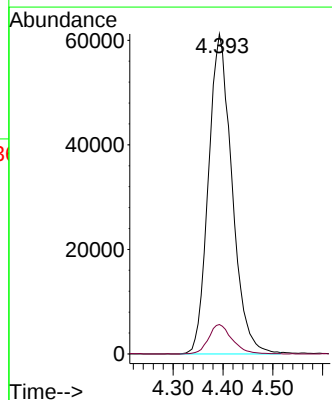
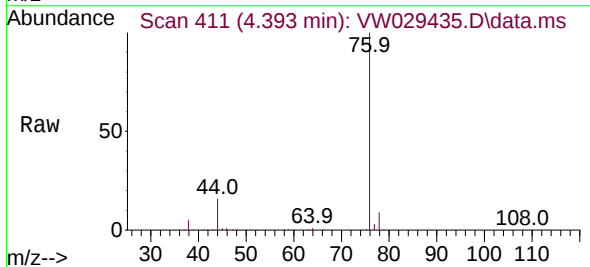
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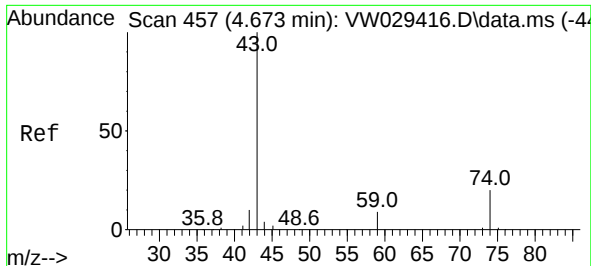
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Ion Ratio Lower Upper
43 100
58 29.6 0.0 61.4



#14
Carbon disulfide
Concen: 20.538 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029435.D
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Tgt Ion: 76 Resp: 201028
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

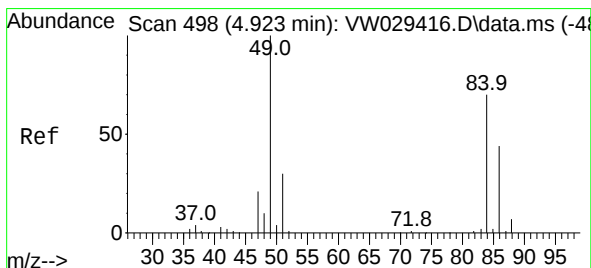
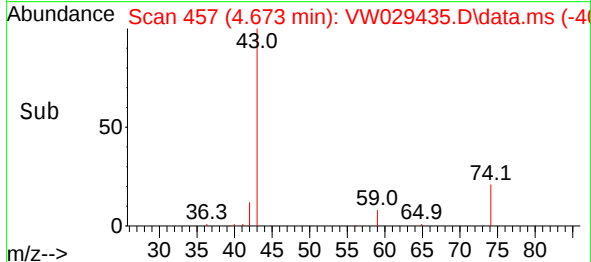
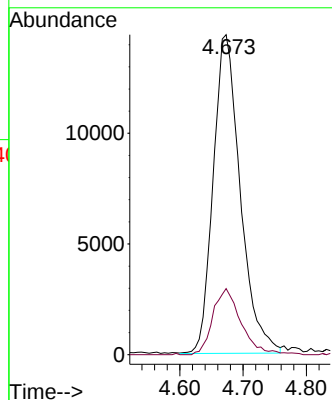
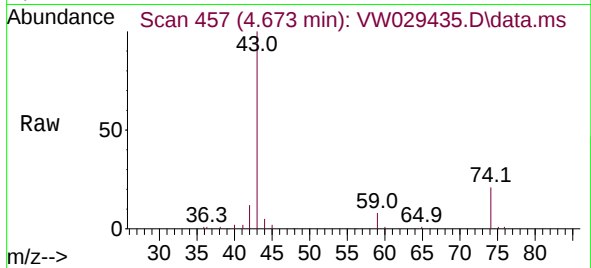




#15
Methyl Acetate
Concen: 23.668 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

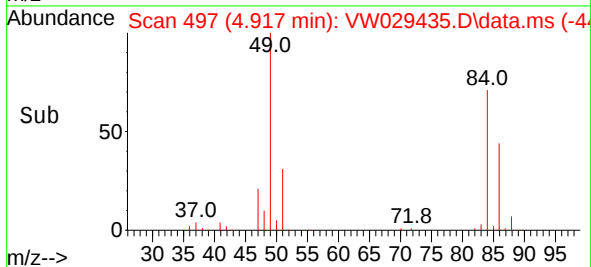
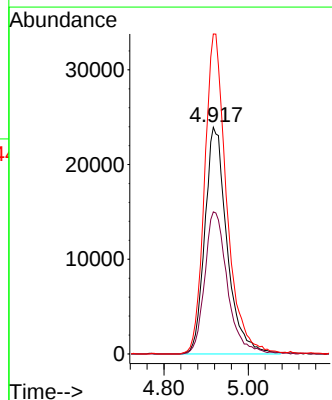
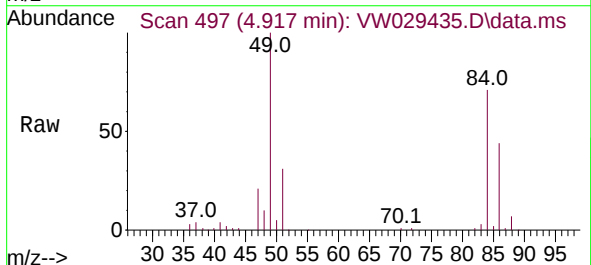
Instrument :
MSVOA_W
ClientSampleId :

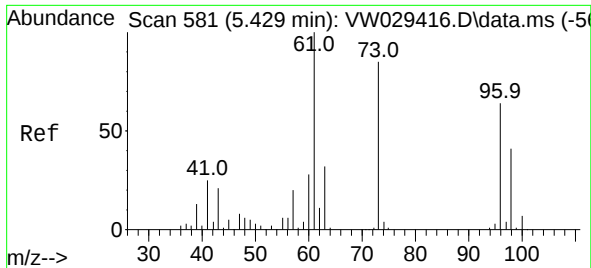
Tgt Ion: 43 Resp: 42788
Ion Ratio Lower Upper
43 100
74 21.1 16.6 25.0



#16
Methylene chloride
Concen: 19.280 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion: 84 Resp: 87728
Ion Ratio Lower Upper
84 100
86 62.7 41.4 77.0
49 141.2 95.7 177.7

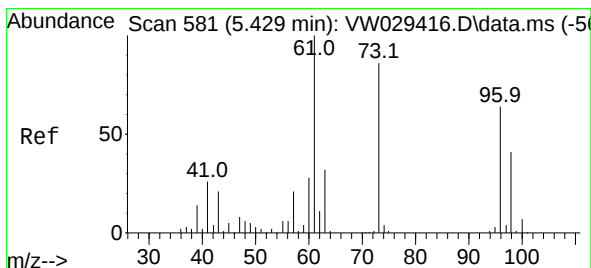
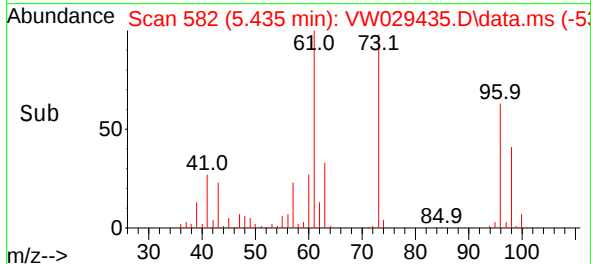
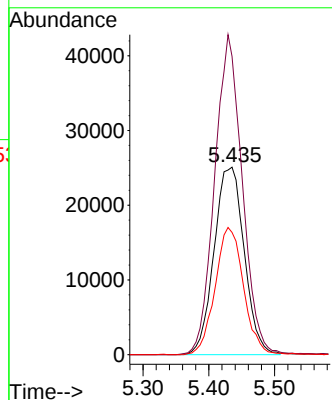
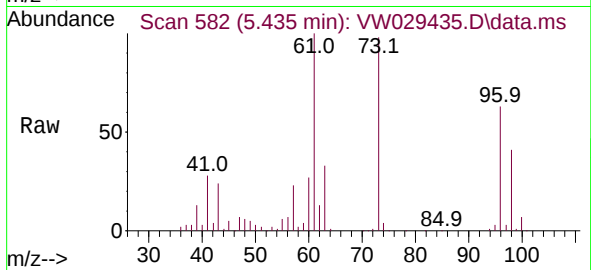




#17
trans-1,2-Dichloroethene
Concen: 24.045 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

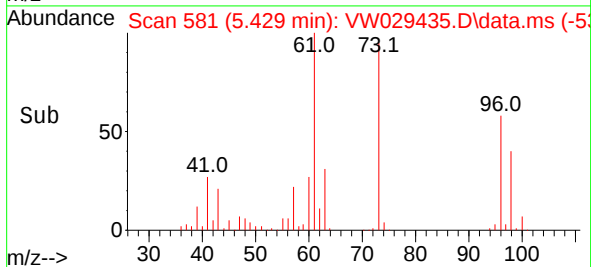
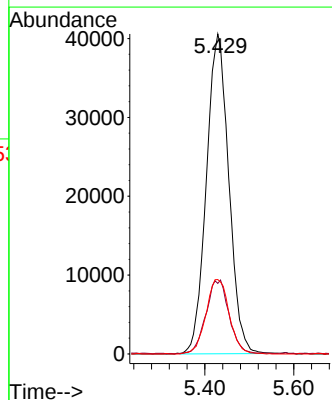
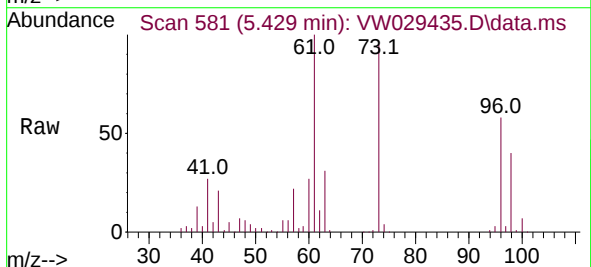
Instrument :
MSVOA_W
ClientSampleId :

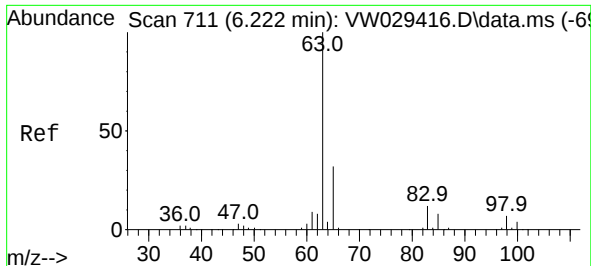
Tgt Ion: 96 Resp: 80067
Ion Ratio Lower Upper
96 100
61 159.0 101.5 188.5
98 65.2 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 26.691 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion: 73 Resp: 142193
Ion Ratio Lower Upper
73 100
43 13.3 19.5 29.3#
57 24.2 18.4 27.6

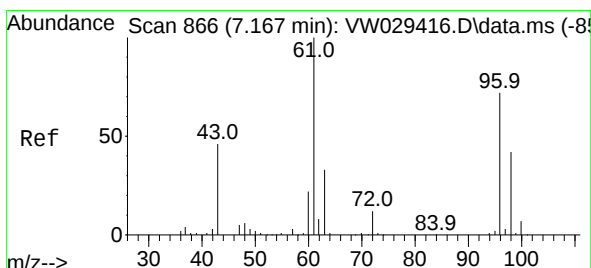
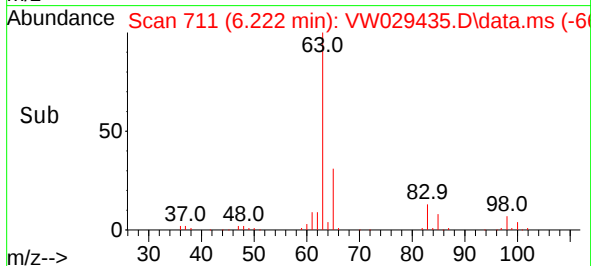
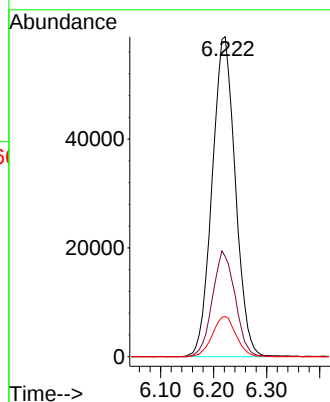
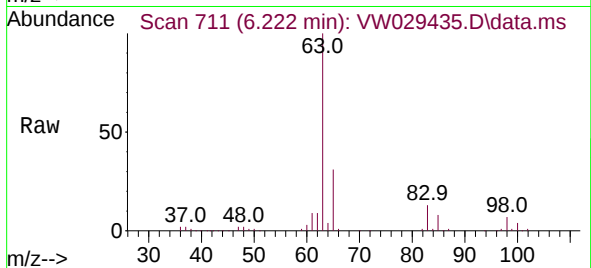




#19
1,1-Dichloroethane
Concen: 24.806 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

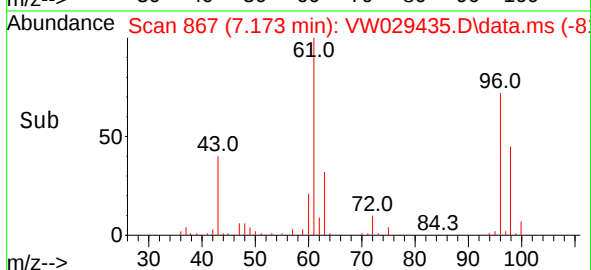
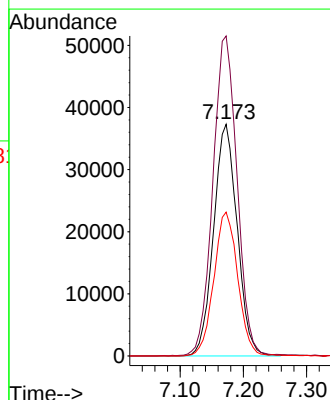
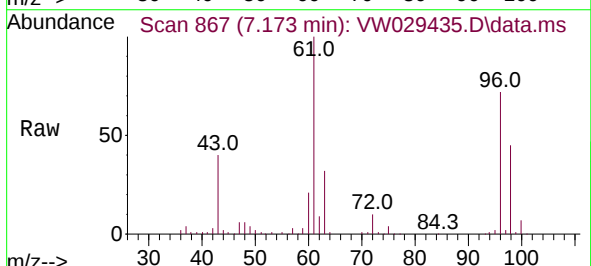
Instrument :
MSVOA_W
ClientSampleId :

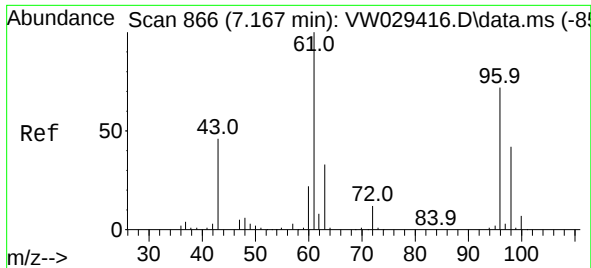
Tgt Ion: 63 Resp: 178396
Ion Ratio Lower Upper
63 100
65 31.3 23.4 43.4
83 12.6 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 26.369 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion: 96 Resp: 96826
Ion Ratio Lower Upper
96 100
61 138.1 97.8 181.6
98 62.1 43.0 79.8

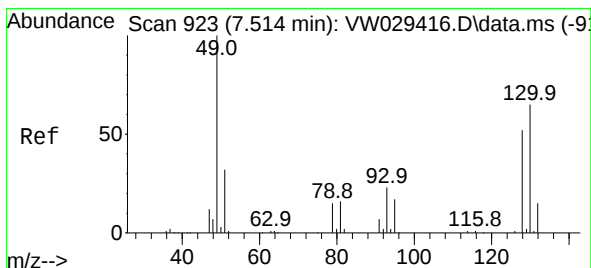
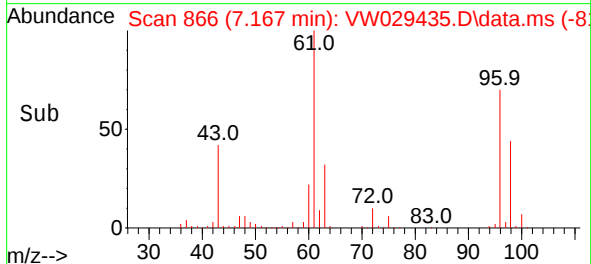
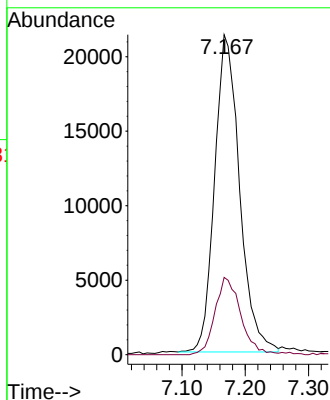
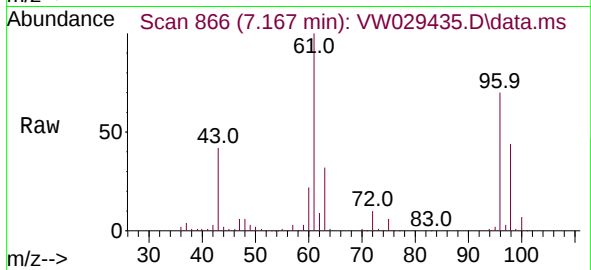




#22
2-Butanone
Concen: 46.663 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

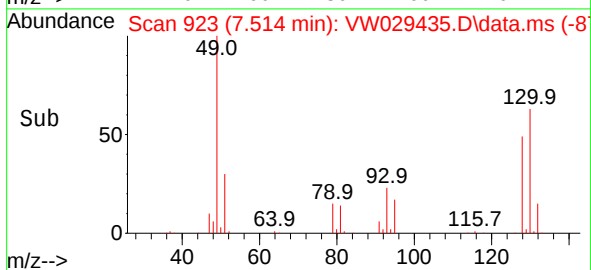
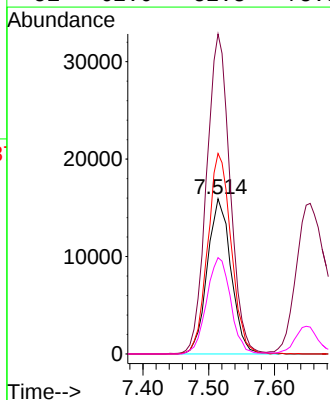
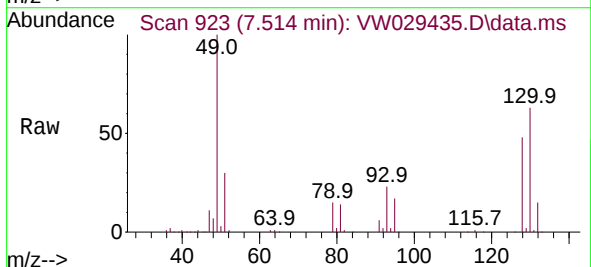
Instrument :
MSVOA_W
ClientSampleId :

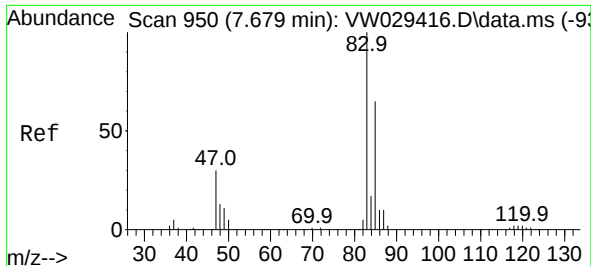
Tgt Ion: 43 Resp: 58251
Ion Ratio Lower Upper
43 100
72 24.7 11.9 35.7



#23
Bromochloromethane
Concen: 24.445 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion: 128 Resp: 39958
Ion Ratio Lower Upper
128 100
49 206.3 142.6 264.8
130 129.2 79.7 148.1
51 62.0 52.3 78.5





#25

Chloroform

Concen: 25.484 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.006 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

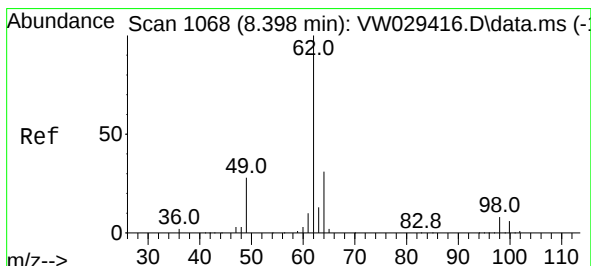
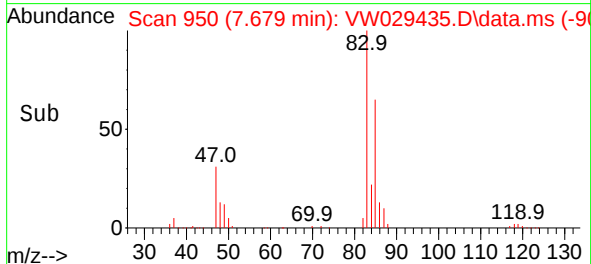
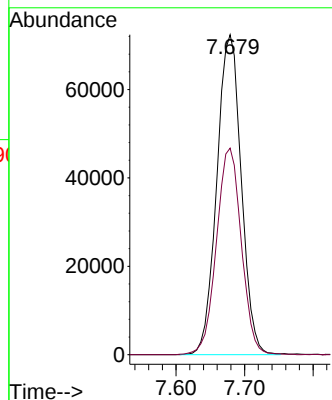
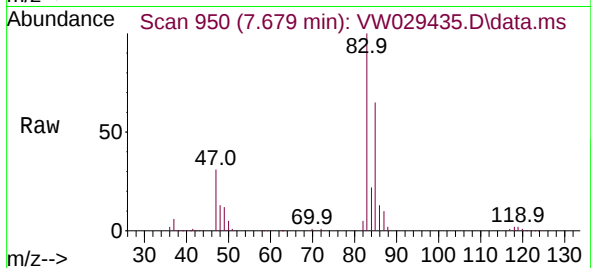
ClientSampleId :

Tgt Ion: 83 Resp: 178964

Ion Ratio Lower Upper

83 100

85 64.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 23.812 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029435.D

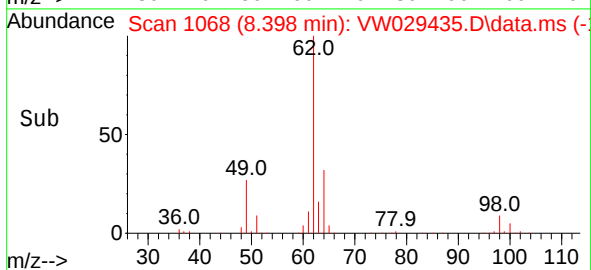
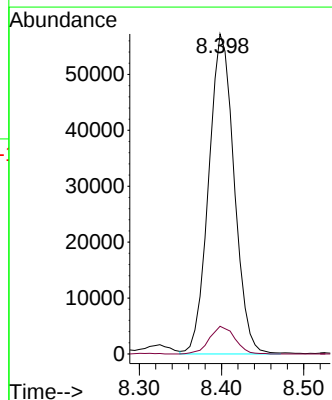
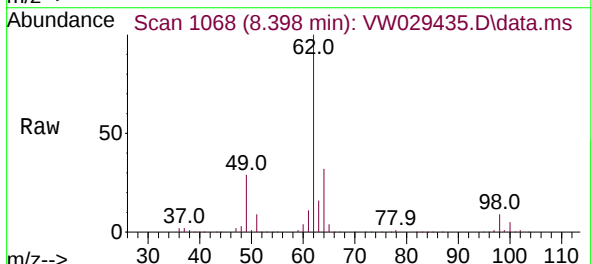
Acq: 01 Jul 2024 18:28

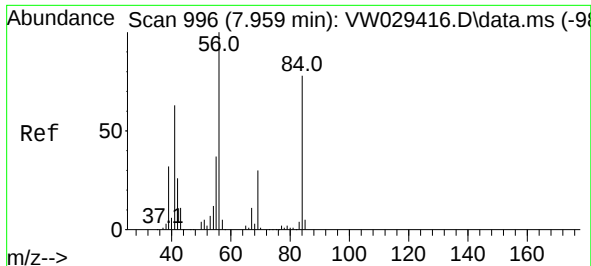
Tgt Ion: 62 Resp: 123330

Ion Ratio Lower Upper

62 100

98 8.6 6.6 10.0





#29

Cyclohexane

Concen: 25.325 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

ClientSampleId :

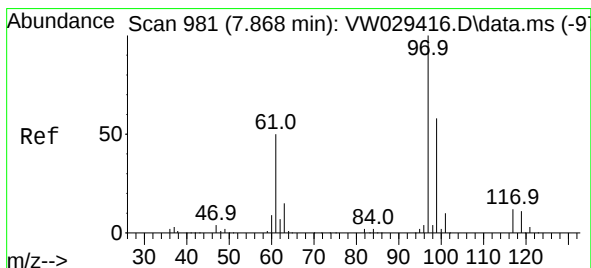
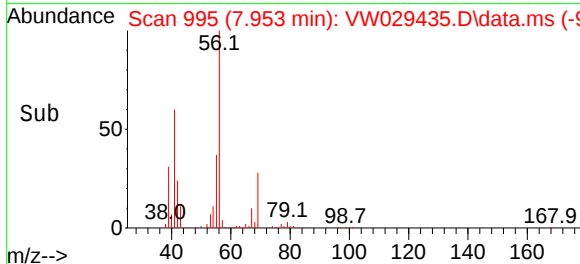
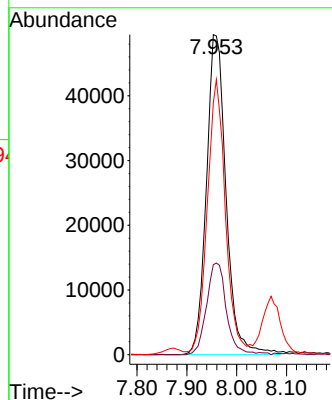
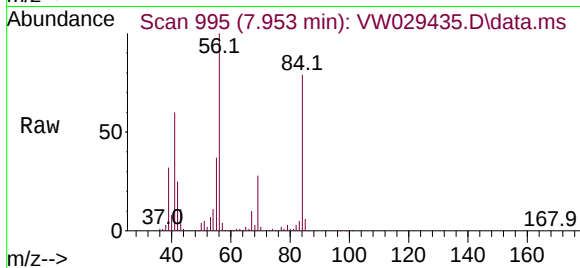
Tgt Ion: 56 Resp: 135750

Ion Ratio Lower Upper

56 100

69 28.5 23.4 35.0

84 78.5 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 26.488 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

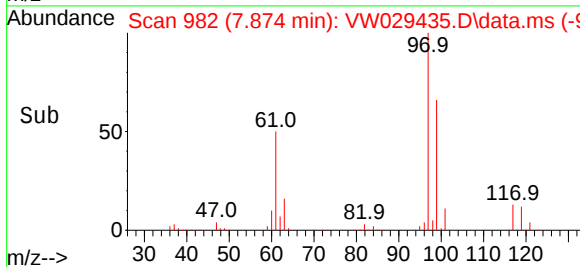
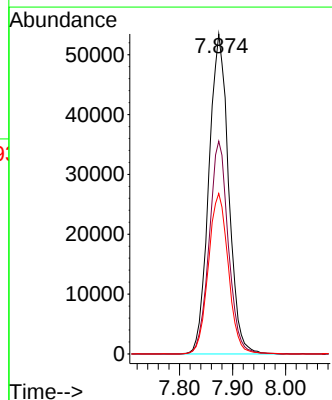
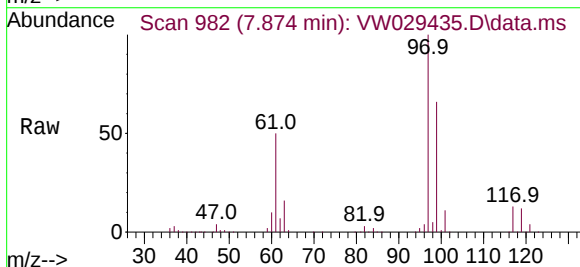
Tgt Ion: 97 Resp: 138104

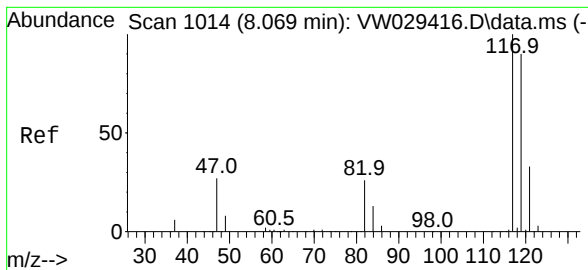
Ion Ratio Lower Upper

97 100

99 64.5 53.0 79.4

61 50.6 43.0 64.4

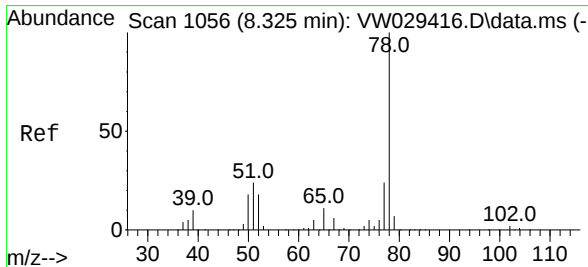
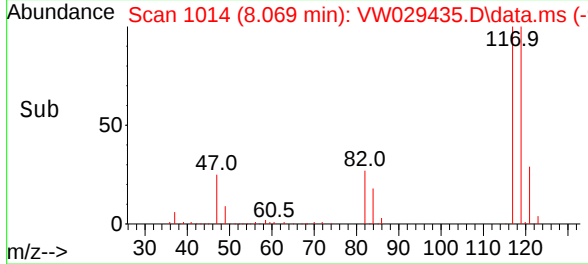
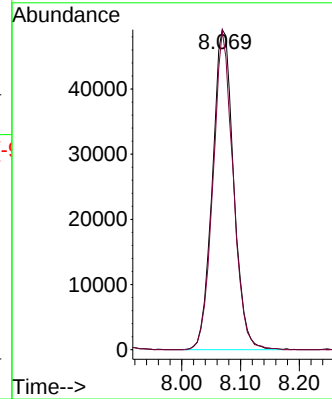
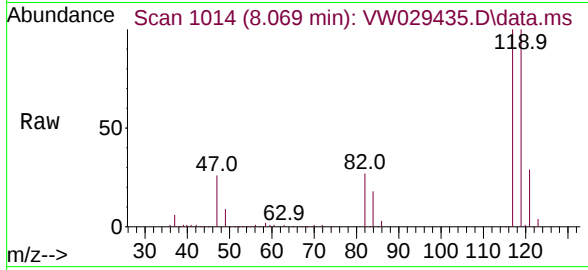




#31
Carbon tetrachloride
Concen: 25.900 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

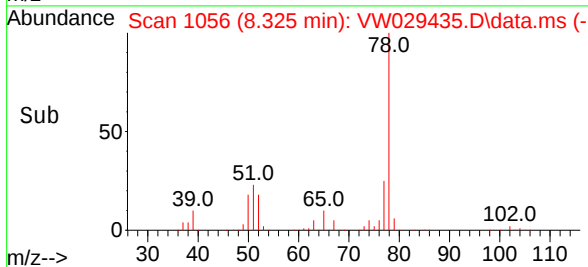
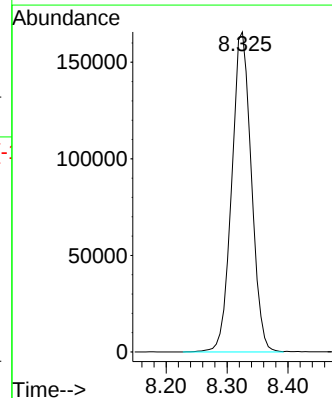
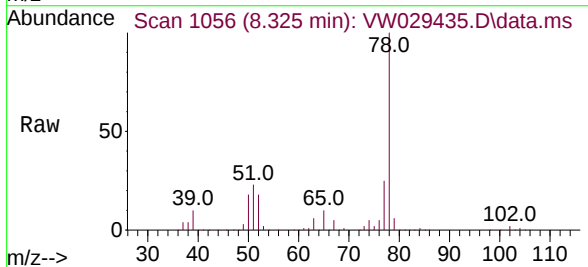
Instrument :
MSVOA_W
ClientSampleId :

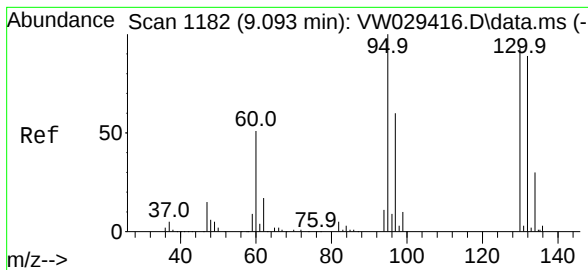
Tgt Ion:117 Resp: 123361
Ion Ratio Lower Upper
117 100
119 94.4 79.0 118.4



#33
Benzene
Concen: 26.286 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion: 78 Resp: 370328





#34

Trichloroethene

Concen: 25.836 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 97107

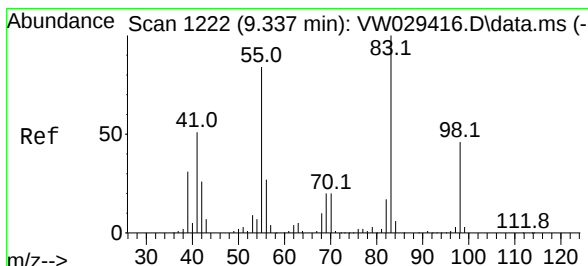
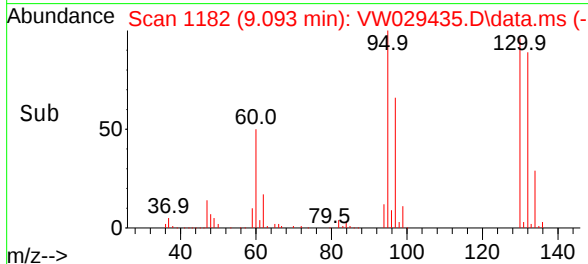
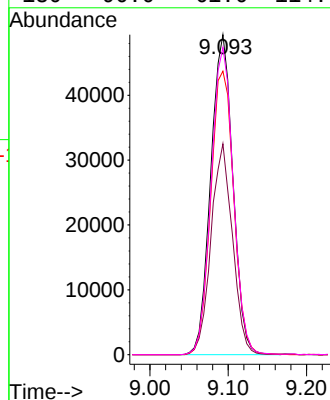
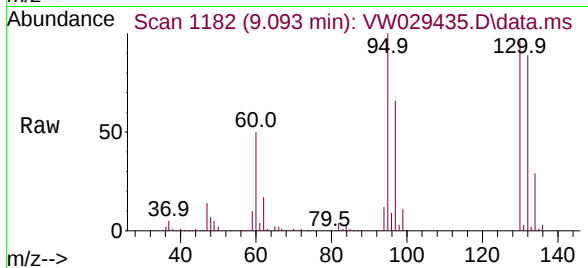
Ion Ratio Lower Upper

95 100

97 65.9 45.7 84.9

132 88.6 66.4 123.4

130 96.0 61.6 114.4



#35

Methylcyclohexane

Concen: 24.902 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

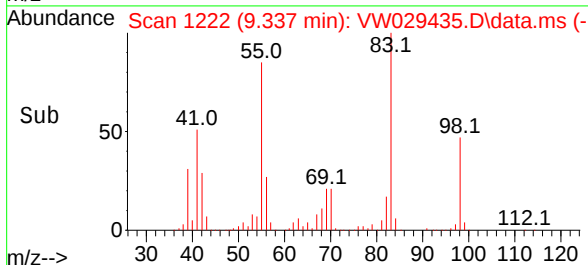
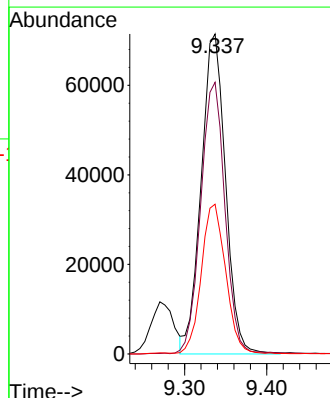
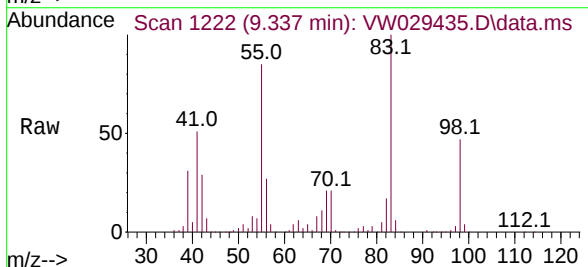
Tgt Ion: 83 Resp: 147200

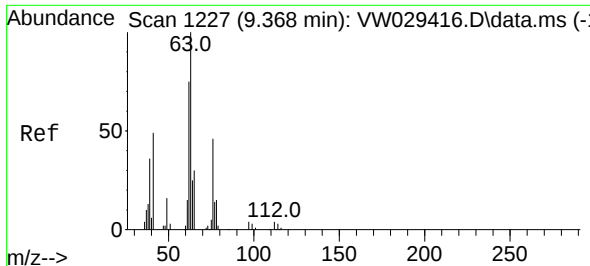
Ion Ratio Lower Upper

83 100

55 84.1 69.5 104.3

98 46.8 38.0 57.0





#37

1,2-Dichloropropane

Concen: 26.377 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

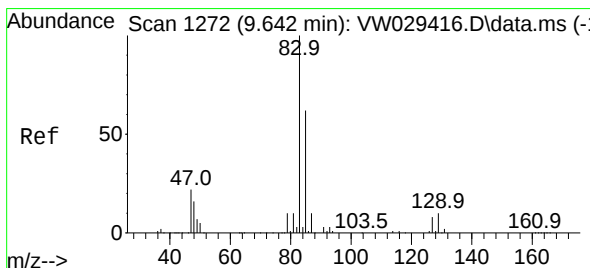
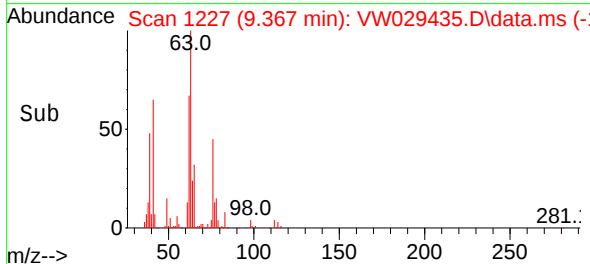
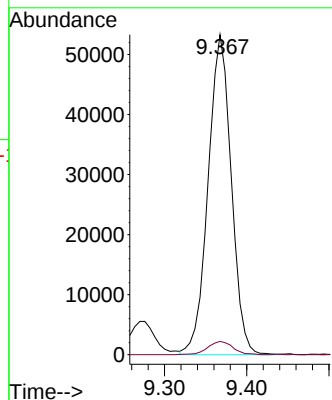
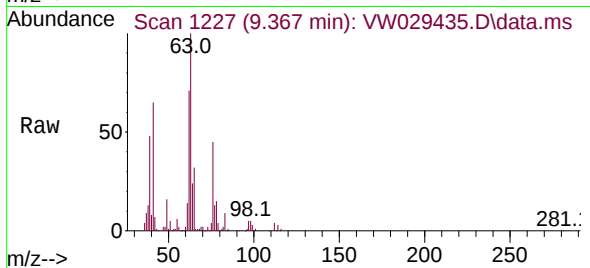
ClientSampleId :

Tgt Ion: 63 Resp: 104421

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 26.202 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

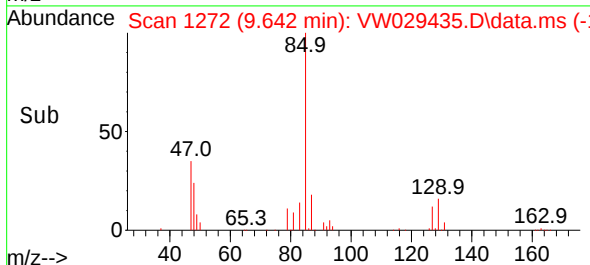
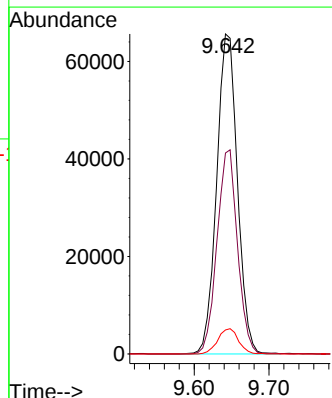
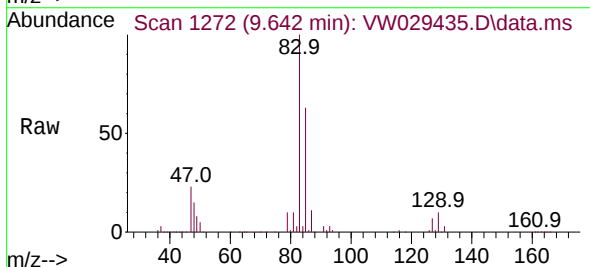
Tgt Ion: 83 Resp: 126825

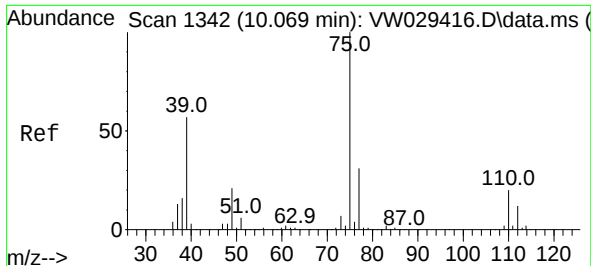
Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.9

127 7.5 5.8 8.6

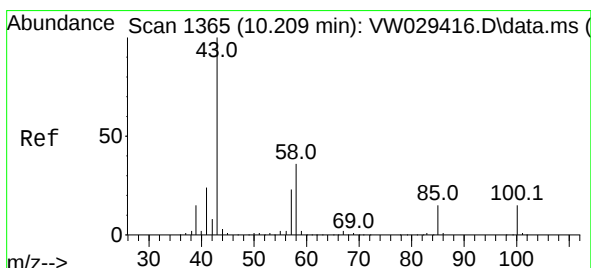
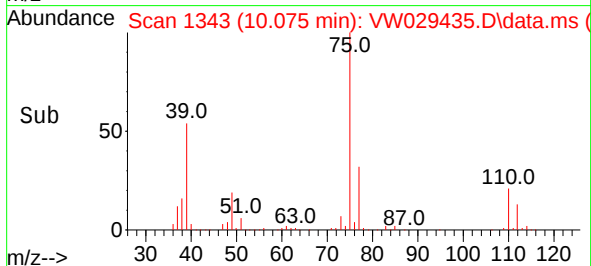
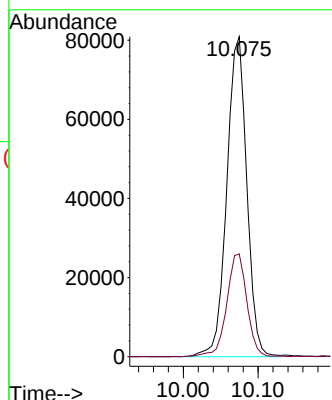
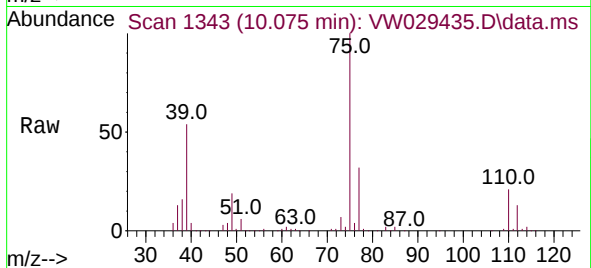




#39
cis-1,3-Dichloropropene
Concen: 26.897 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

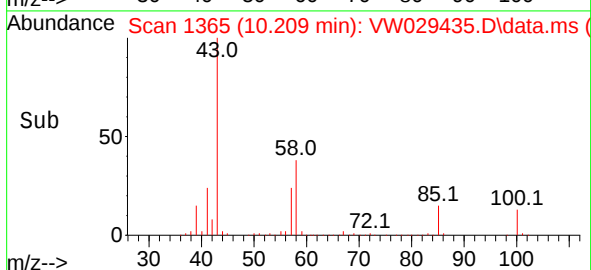
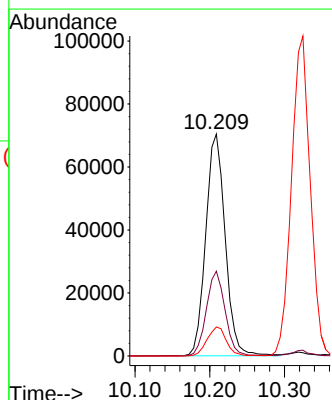
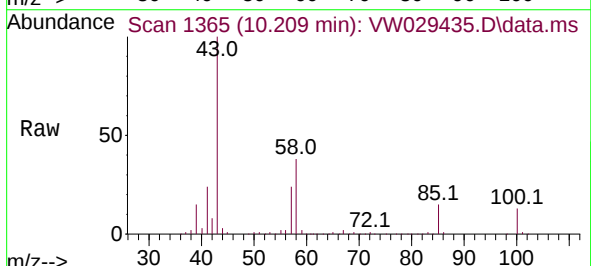
Instrument :
MSVOA_W
ClientSampleId :

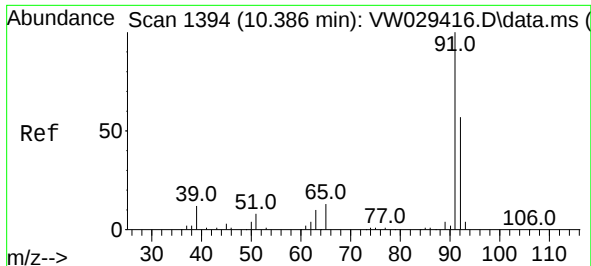
Tgt Ion: 75 Resp: 150515
Ion Ratio Lower Upper
75 100
77 32.1 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 51.943 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion: 43 Resp: 127450
Ion Ratio Lower Upper
43 100
58 36.8 28.2 42.4
100 12.9 11.0 16.4





#42

Toluene

Concen: 26.727 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

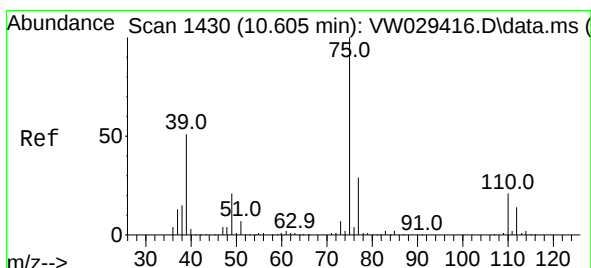
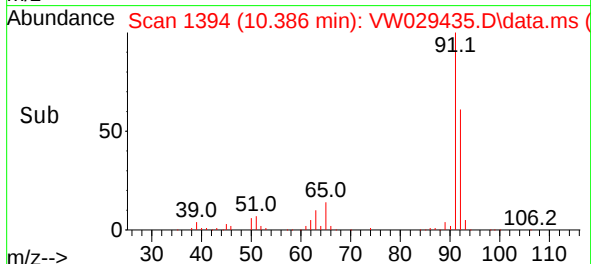
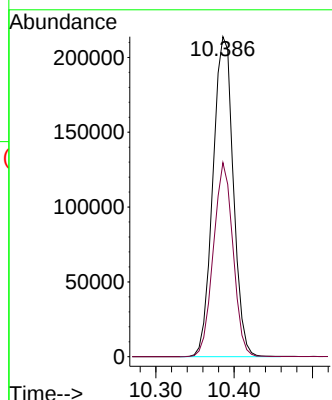
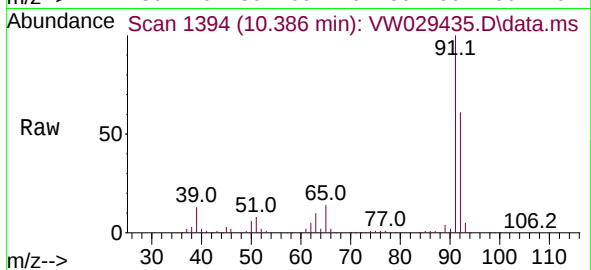
ClientSampleId :

Tgt Ion: 91 Resp: 387095

Ion Ratio Lower Upper

91 100

92 60.7 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 26.581 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029435.D

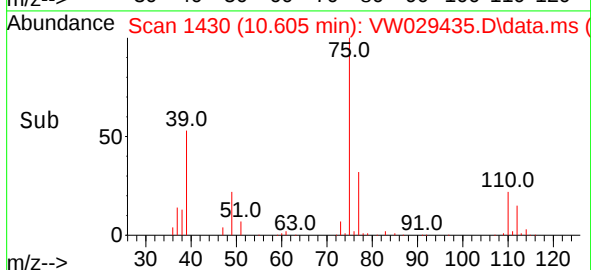
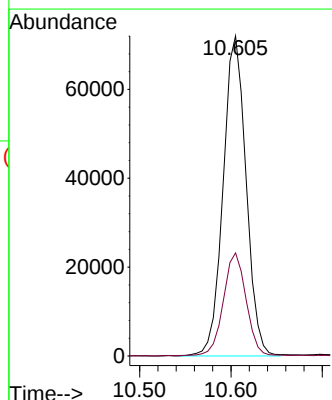
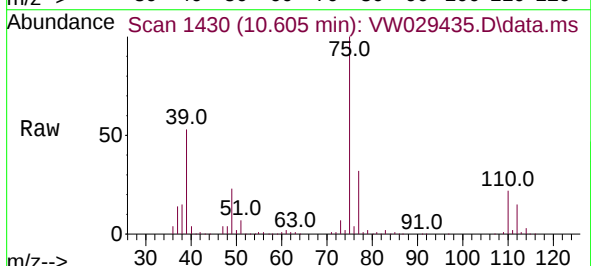
Acq: 01 Jul 2024 18:28

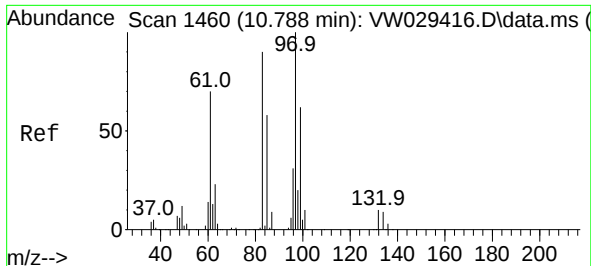
Tgt Ion: 75 Resp: 125600

Ion Ratio Lower Upper

75 100

77 32.2 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 25.231 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 69566

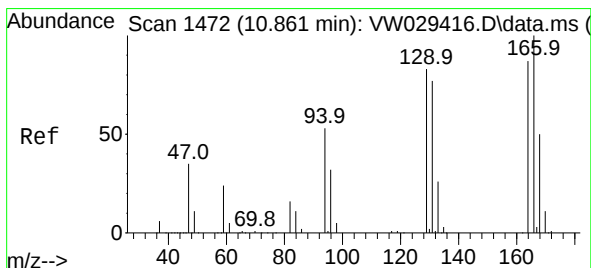
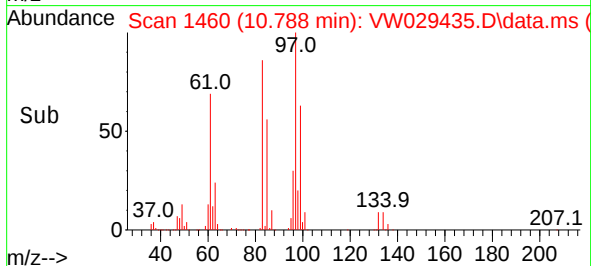
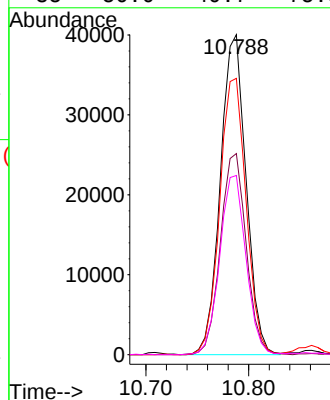
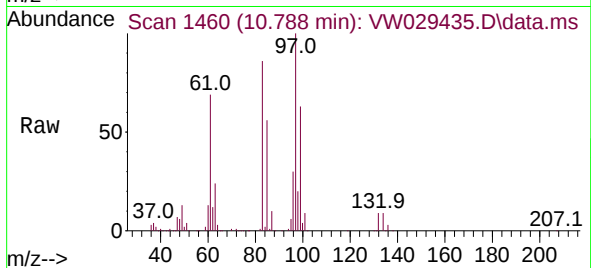
Ion Ratio Lower Upper

97 100

99 62.9 42.3 78.5

83 86.3 57.7 107.1

85 56.0 40.7 75.5



#46

Tetrachloroethene

Concen: 26.143 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Tgt Ion:164 Resp: 68690

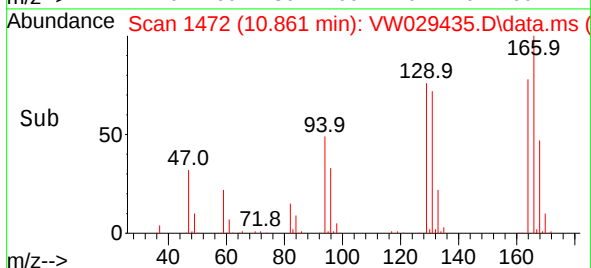
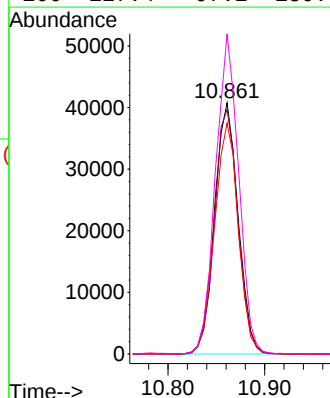
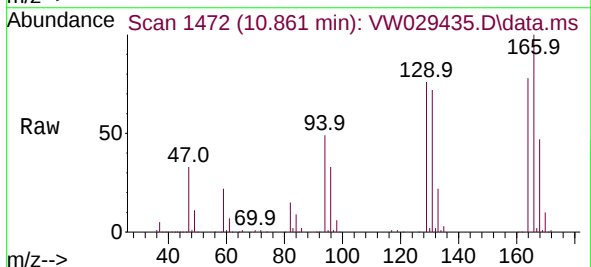
Ion Ratio Lower Upper

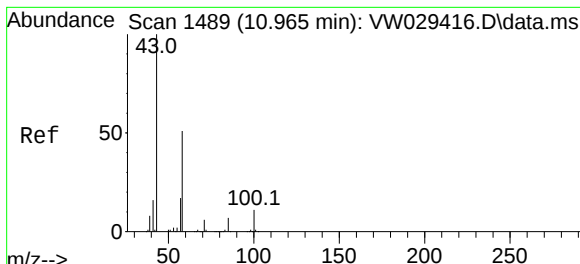
164 100

129 97.3 68.5 127.3

131 91.9 71.8 133.4

166 127.4 97.2 180.4



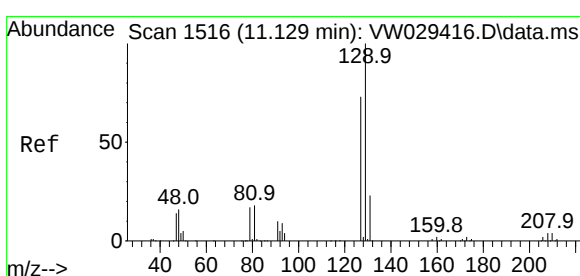
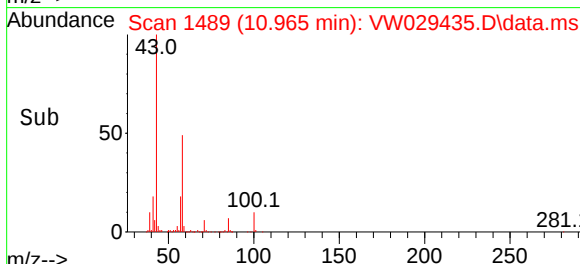
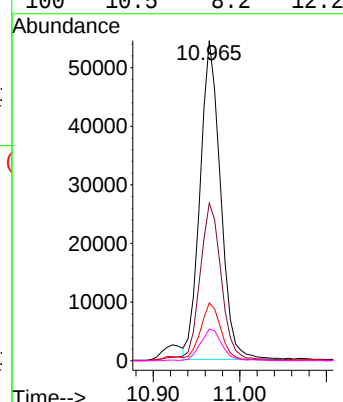
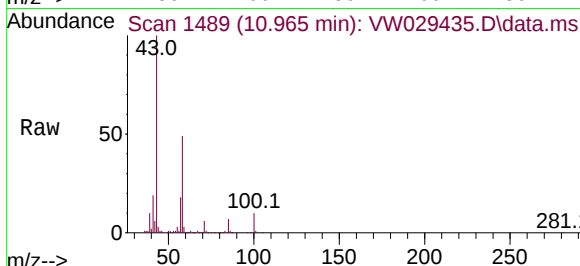


#48
2-Hexanone
Concen: 51.400 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 89490

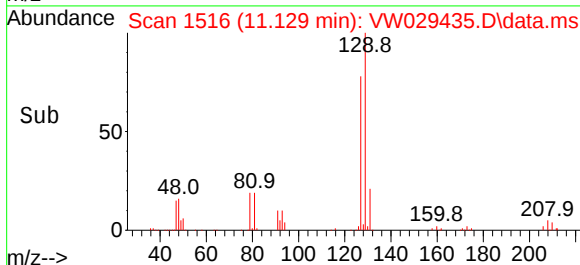
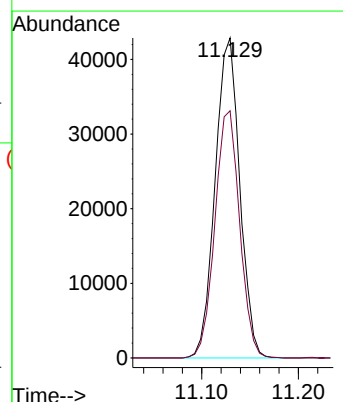
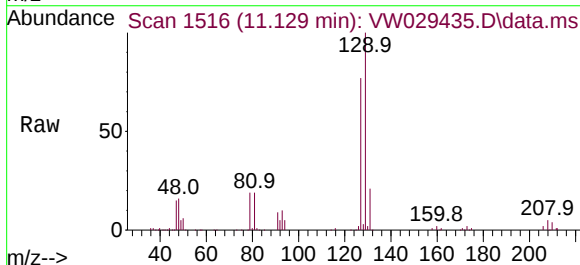
Ion	Ratio	Lower	Upper
43	100		
58	51.9	39.6	59.4
57	18.5	14.6	21.8
100	10.5	8.2	12.2

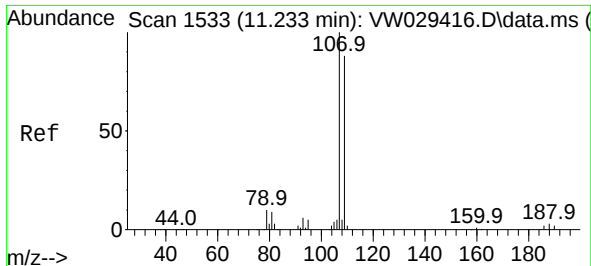


#49
Dibromochloromethane
Concen: 26.341 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion: 129 Resp: 75916

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.8	101.8





#50

1,2-Dibromoethane

Concen: 25.221 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

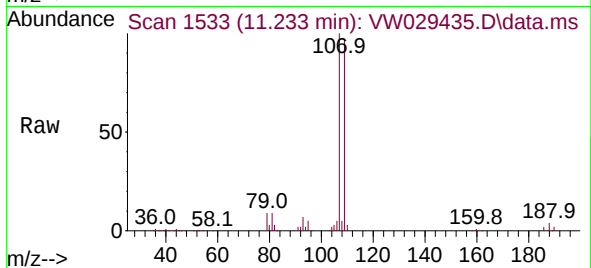
Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

ClientSampleId :



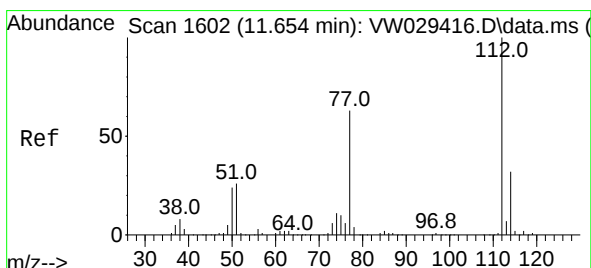
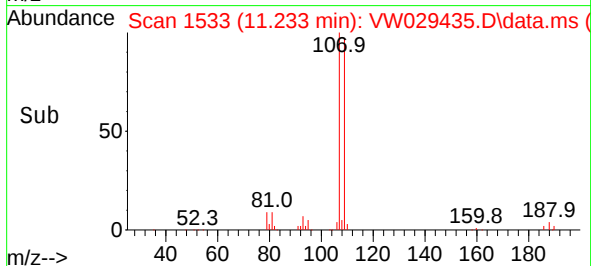
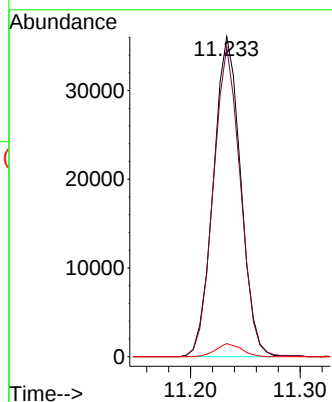
Tgt Ion:107 Resp: 62421

Ion Ratio Lower Upper

107 100

109 96.9 65.5 121.6

188 4.1 2.6 4.0#



#51

Chlorobenzene

Concen: 25.562 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

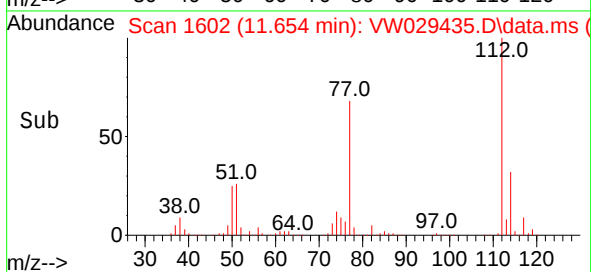
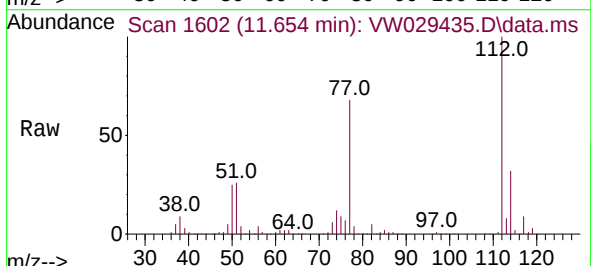
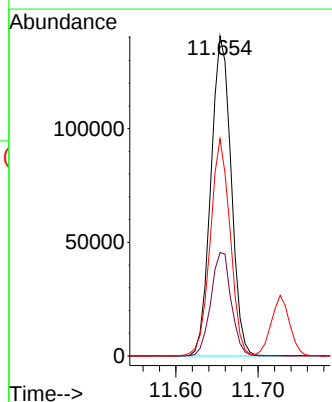
Tgt Ion:112 Resp: 240412

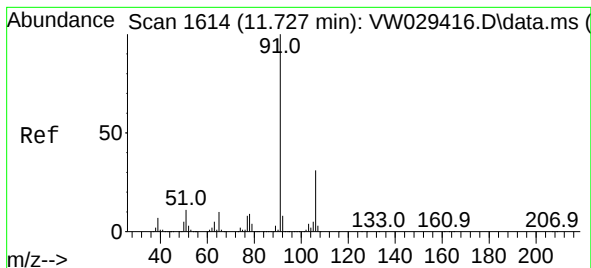
Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 67.9 51.0 76.6

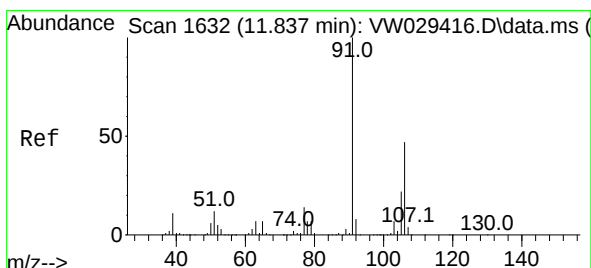
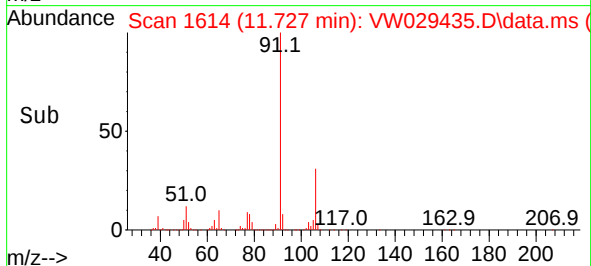
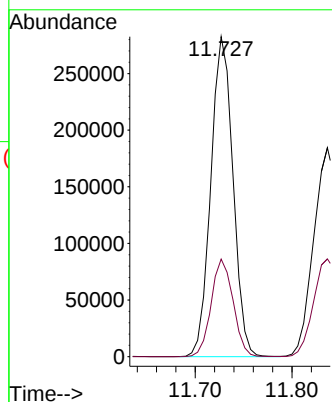
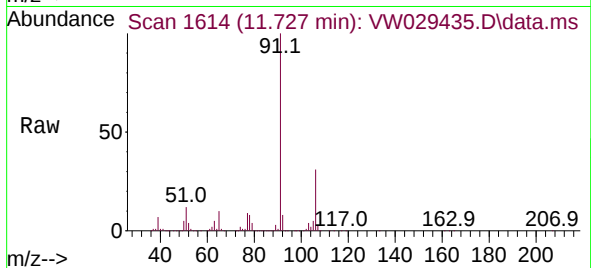




#52
Ethylbenzene
Concen: 27.377 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

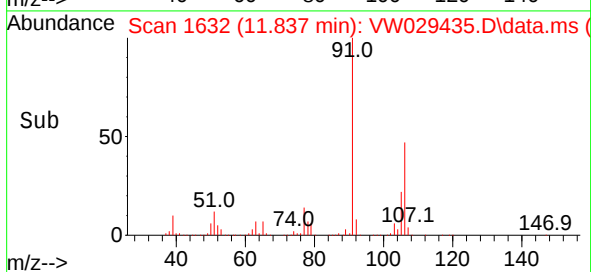
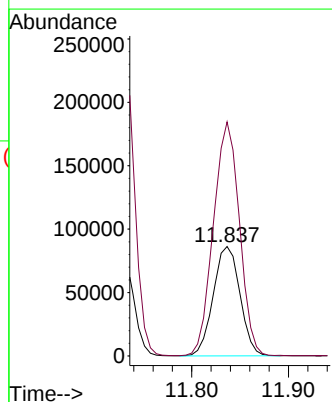
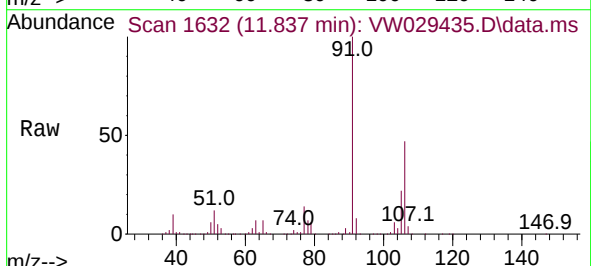
Instrument :
MSVOA_W
ClientSampleId :

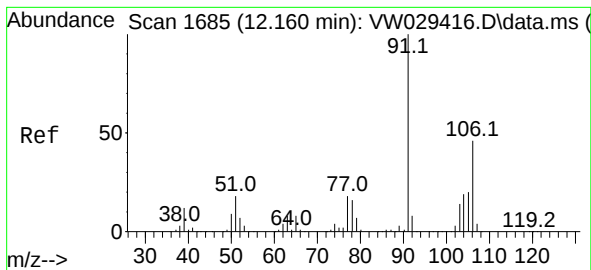
Tgt Ion: 91 Resp: 450082
Ion Ratio Lower Upper
91 100
106 30.5 19.9 37.0



#53
m,p-Xylene
Concen: 27.500 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion:106 Resp: 165140
Ion Ratio Lower Upper
106 100
91 213.8 140.5 260.9

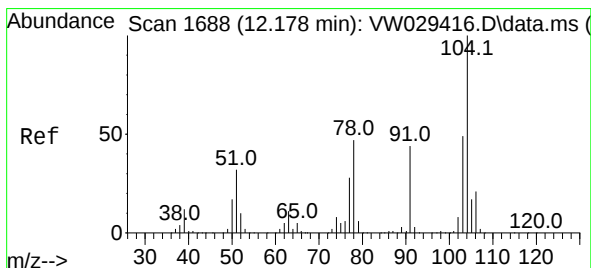
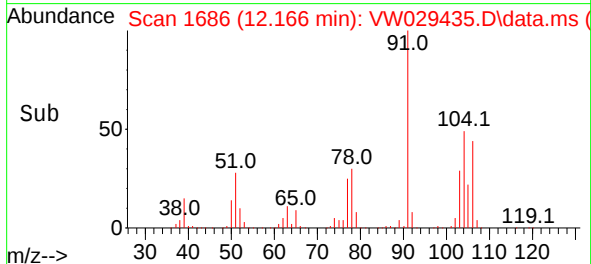
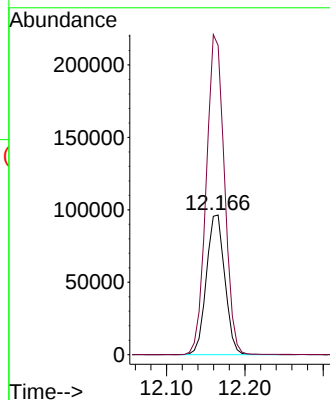
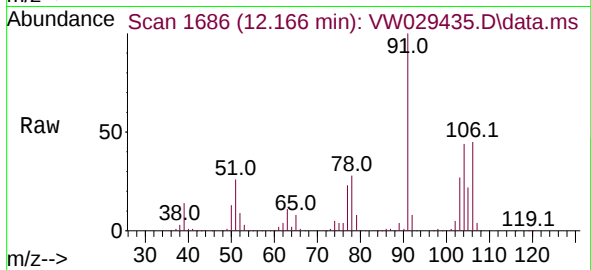




#54
o-Xylene
Concen: 28.069 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

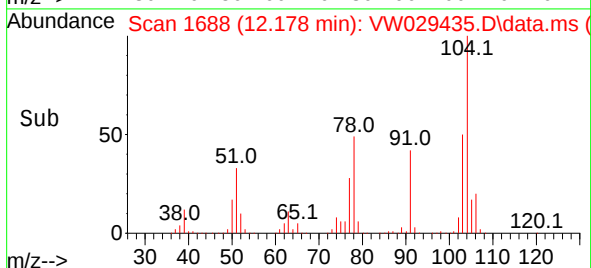
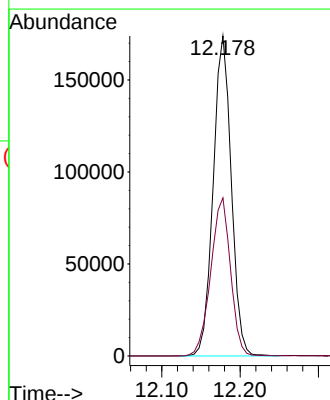
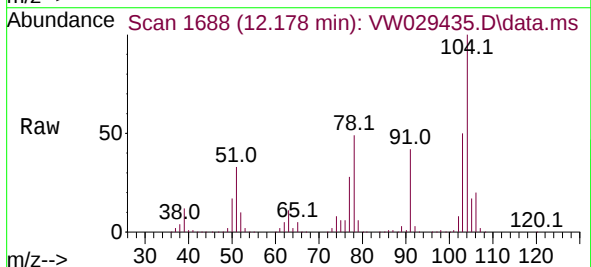
Instrument :
MSVOA_W
ClientSampleId :

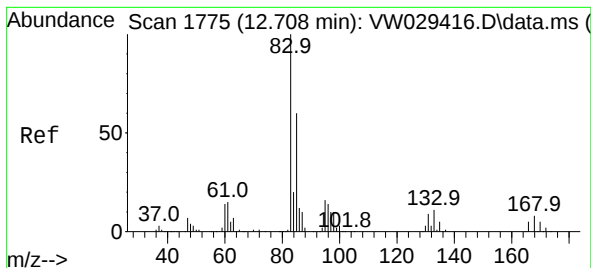
Tgt Ion:106 Resp: 157534
Ion Ratio Lower Upper
106 100
91 221.5 149.9 278.5



#55
Styrene
Concen: 28.517 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion:104 Resp: 279049
Ion Ratio Lower Upper
104 100
78 49.4 35.4 65.7

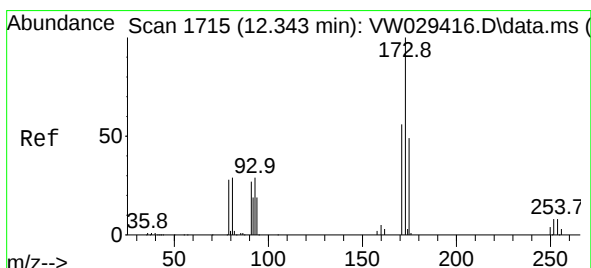
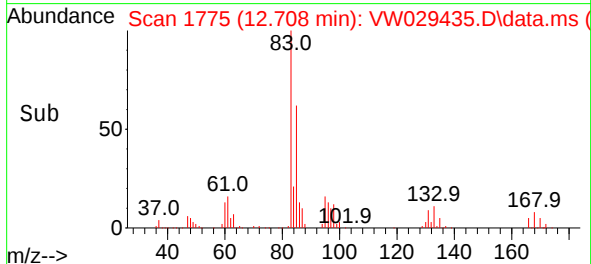
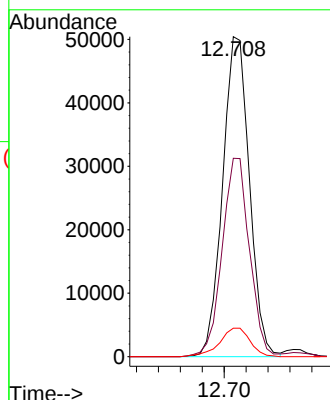
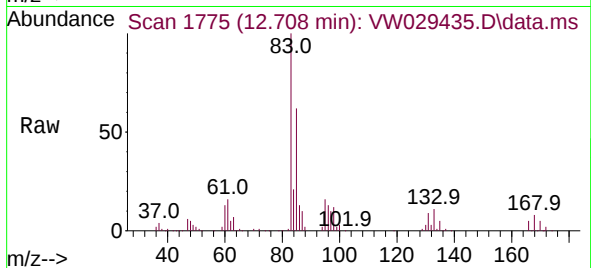




#57
1,1,2,2-Tetrachloroethane
Concen: 25.118 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

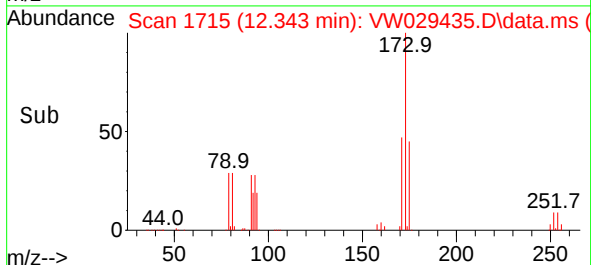
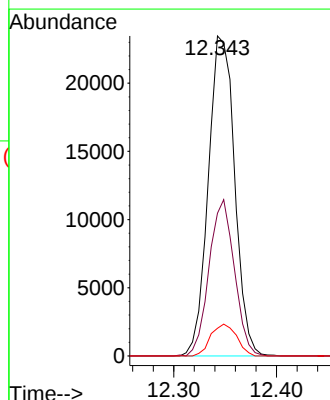
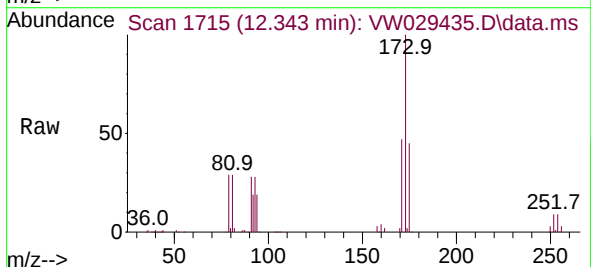
Instrument :
MSVOA_W
ClientSampleId :

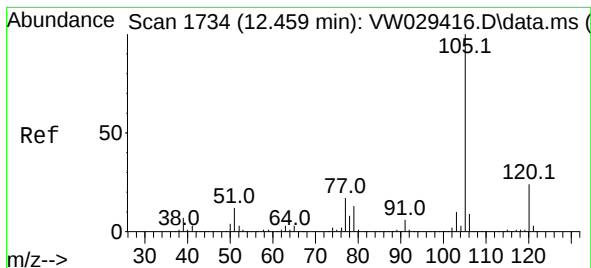
Tgt Ion: 83 Resp: 85663
Ion Ratio Lower Upper
83 100
85 62.0 45.8 85.0
131 8.9 7.8 11.6



#59
Bromoform
Concen: 25.737 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion:173 Resp: 41877
Ion Ratio Lower Upper
173 100
175 46.8 37.8 56.8
254 9.8 7.8 11.6





#60

Isopropylbenzene

Concen: 28.746 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

ClientSampleId :

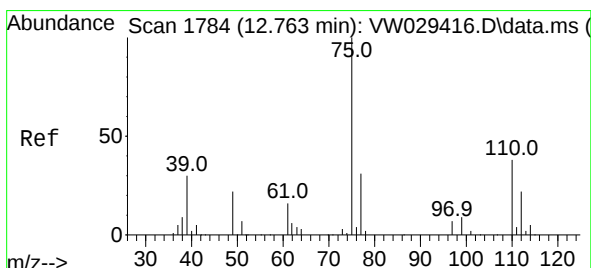
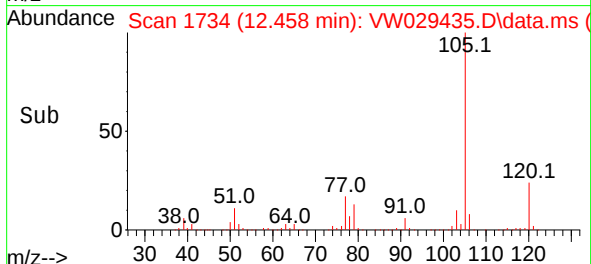
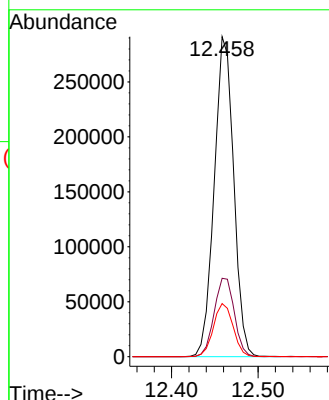
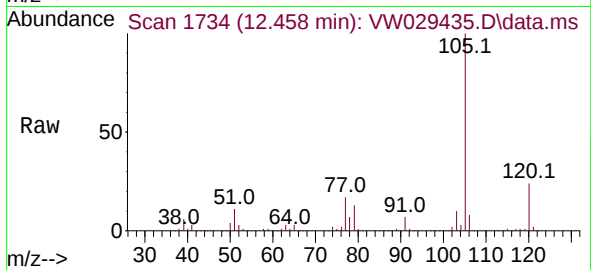
Tgt Ion:105 Resp: 454726

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 16.8 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 24.301 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

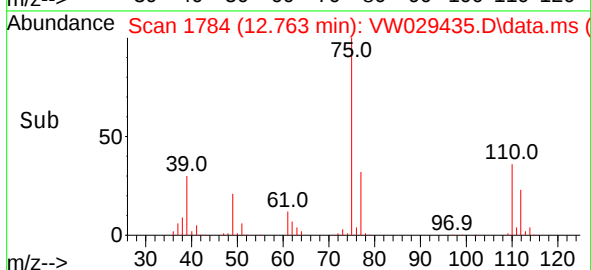
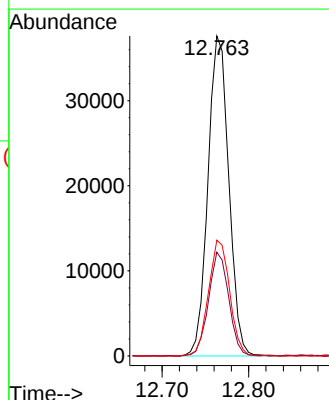
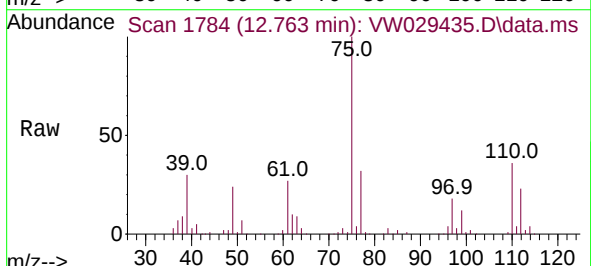
Tgt Ion: 75 Resp: 62926

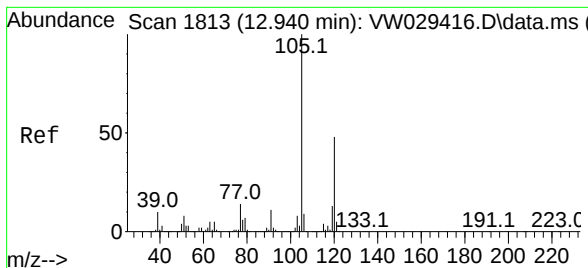
Ion Ratio Lower Upper

75 100

77 31.5 26.6 39.8

110 36.7 29.5 44.3

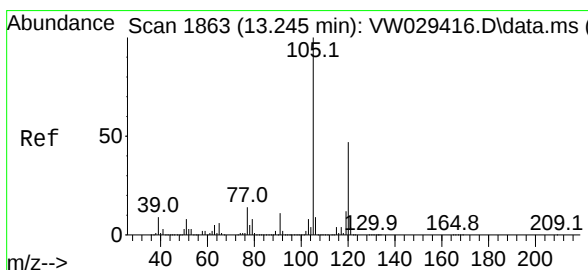
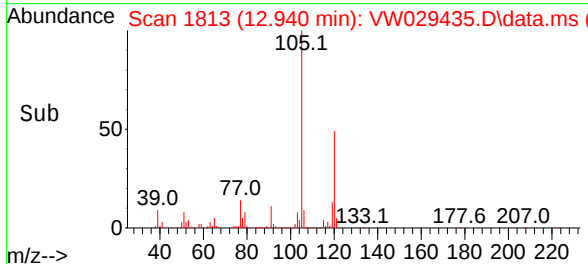
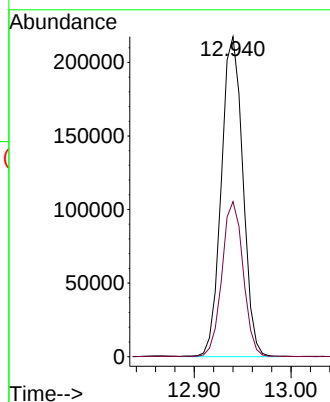
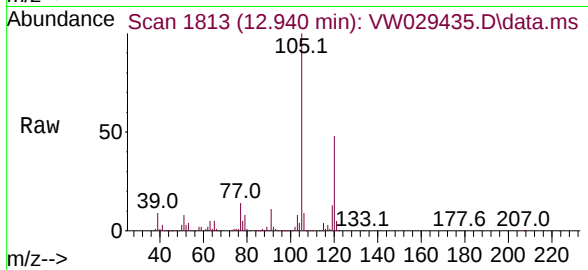




#62
1,3,5-Trimethylbenzene
Concen: 29.371 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

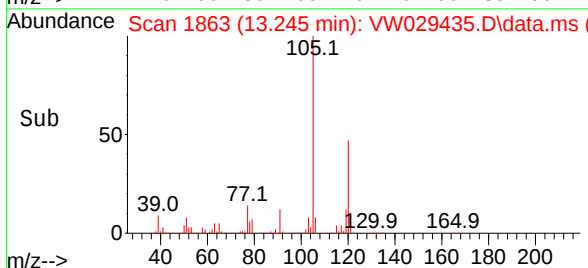
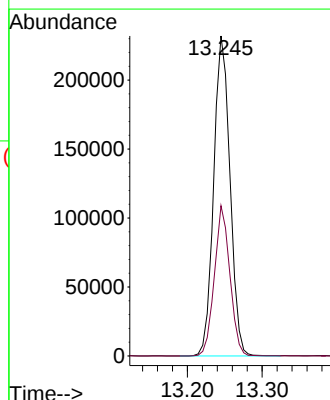
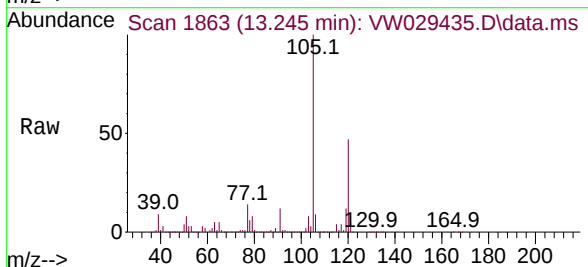
Instrument :
MSVOA_W
ClientSampleId :

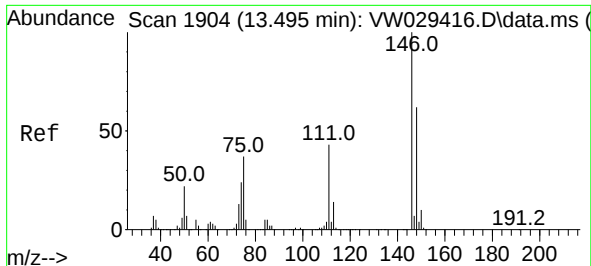
Tgt Ion:105 Resp: 336485
Ion Ratio Lower Upper
105 100
120 47.5 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 28.495 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion:105 Resp: 351243
Ion Ratio Lower Upper
105 100
120 44.6 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 26.851 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

ClientSampleId :

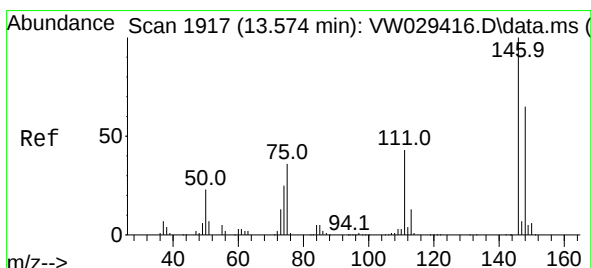
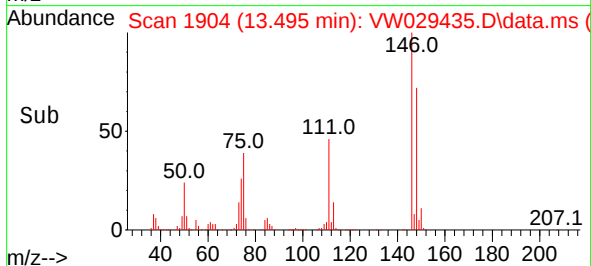
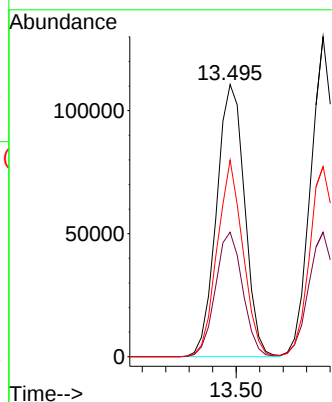
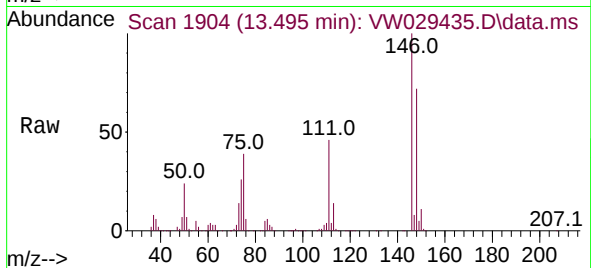
Tgt Ion:146 Resp: 183812

Ion Ratio Lower Upper

146 100

111 45.7 33.0 61.2

148 72.3 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 26.476 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

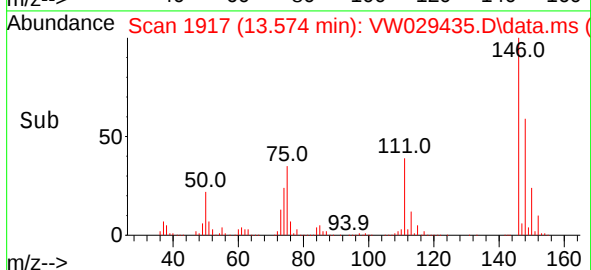
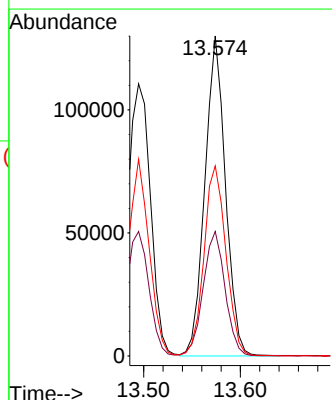
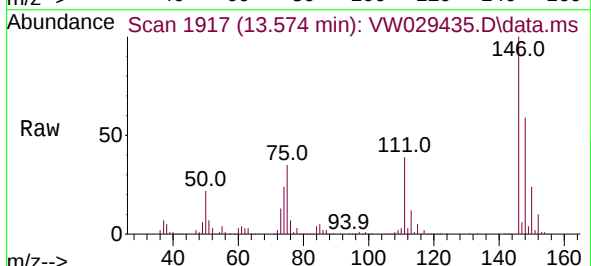
Tgt Ion:146 Resp: 192844

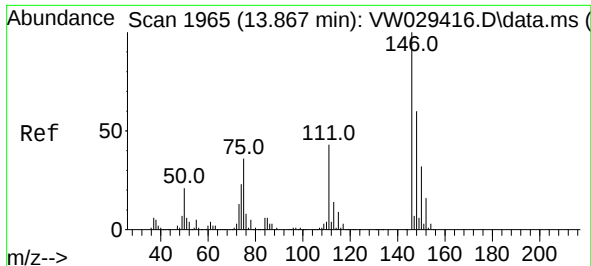
Ion Ratio Lower Upper

146 100

111 38.9 28.9 53.7

148 59.4 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 27.068 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

Instrument :

MSVOA_W

ClientSampleId :

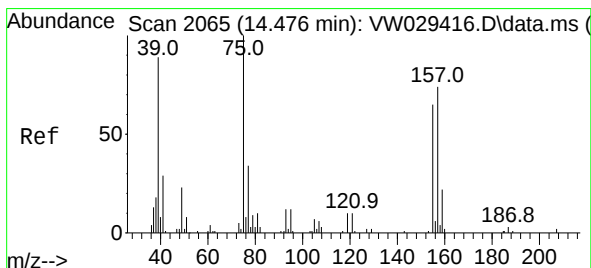
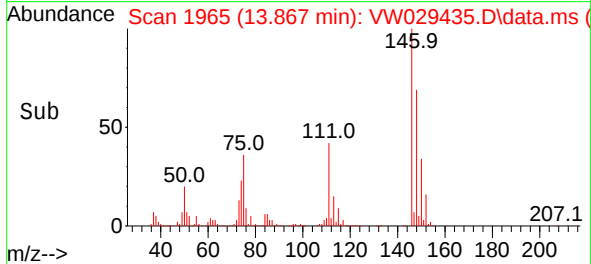
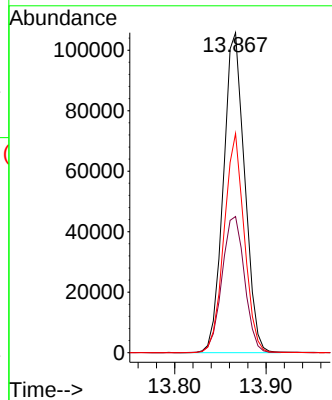
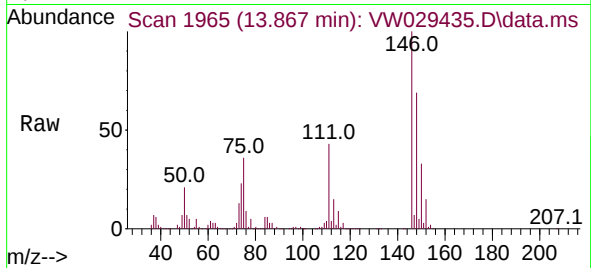
Tgt Ion:146 Resp: 171303

Ion Ratio Lower Upper

146 100

111 42.6 34.2 51.4

148 68.5 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 22.693 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029435.D

Acq: 01 Jul 2024 18:28

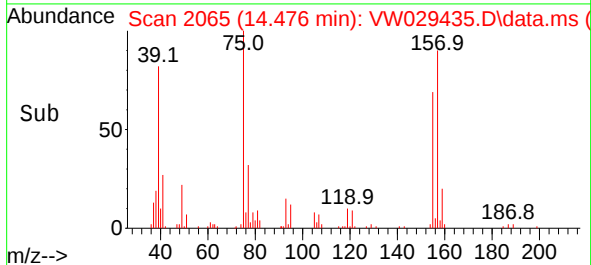
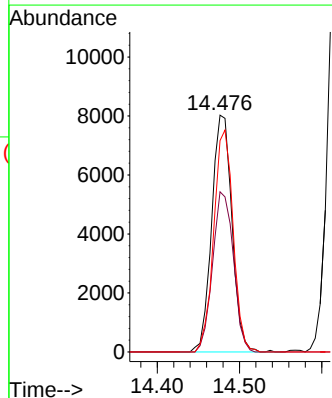
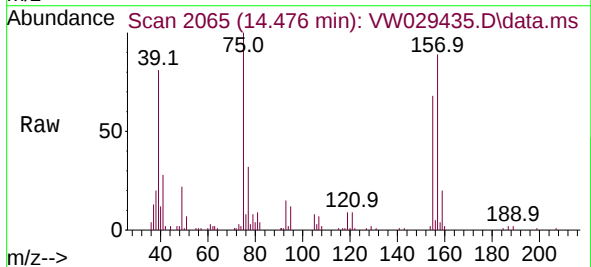
Tgt Ion: 75 Resp: 13713

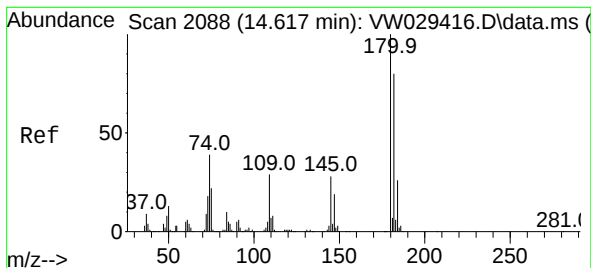
Ion Ratio Lower Upper

75 100

155 67.7 51.0 76.6

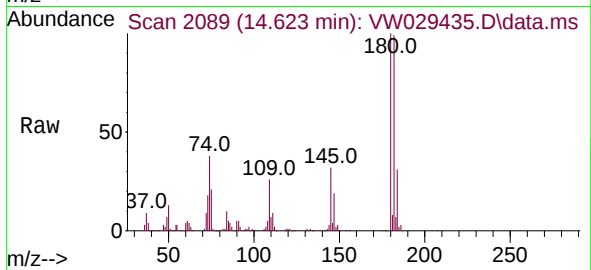
157 89.3 58.8 88.2#



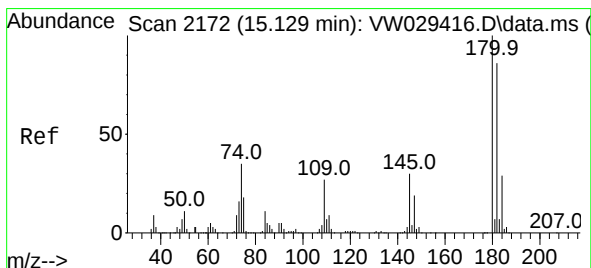
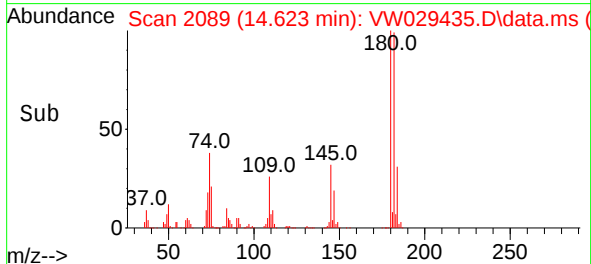
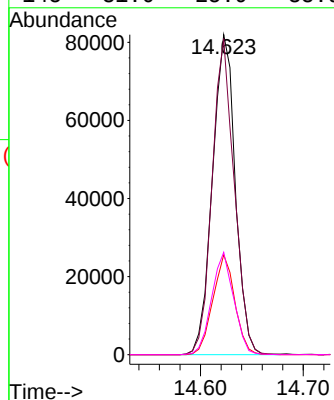


#69
1,3,5-Trichlorobenzene
Concen: 27.377 ug/L
RT: 14.623 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Instrument :
MSVOA_W
ClientSampleId :

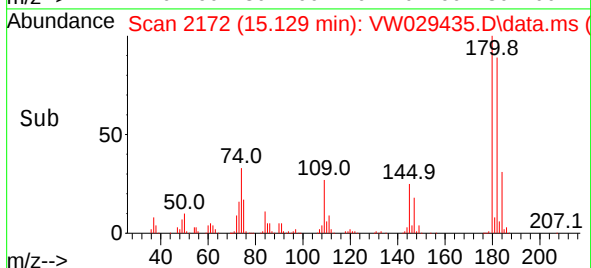
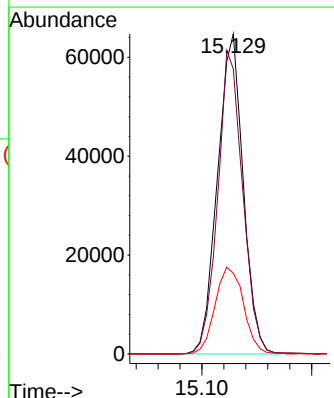
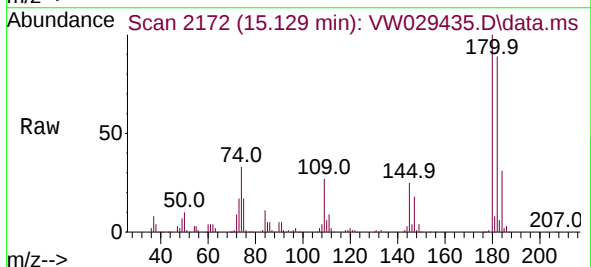


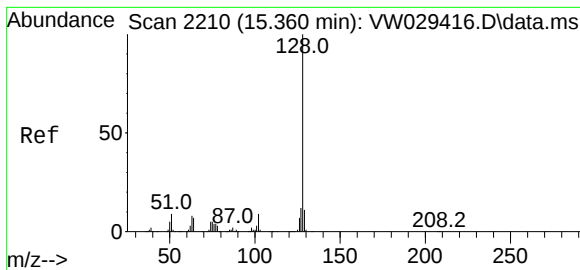
Tgt Ion:180 Resp: 126484
Ion Ratio Lower Upper
180 100
182 95.4 72.9 109.3
184 30.0 23.8 35.6
145 31.0 25.9 38.9



#70
1,2,4-trichlorobenzene
Concen: 28.108 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion:180 Resp: 105273
Ion Ratio Lower Upper
180 100
182 92.3 77.7 116.5
145 30.0 25.7 38.5

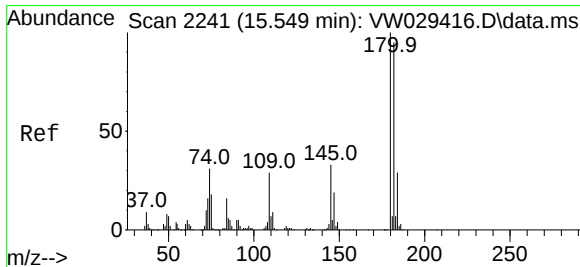
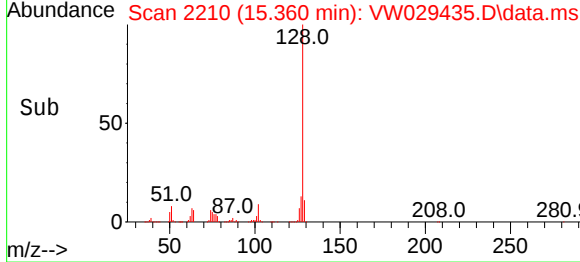
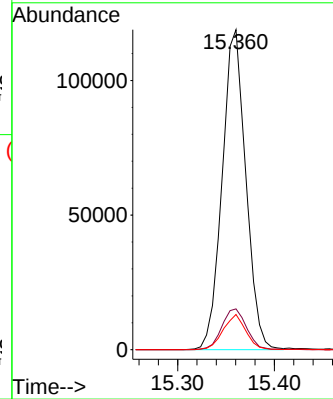
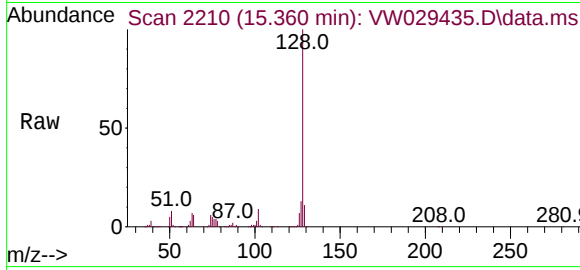




#71
Naphthalene
Concen: 27.328 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 202007
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.6 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.029 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029435.D
Acq: 01 Jul 2024 18:28

Tgt Ion:180 Resp: 92238
Ion Ratio Lower Upper
180 100
182 91.1 73.0 109.6
145 33.3 28.1 42.1

