

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
 Data File : VW029719.D
 Acq On : 24 Jul 2024 18:16
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 01:44:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:35:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250054	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229190	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113873	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	81811	23.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
7) Chloroethane-d5	2.899	69	63710	25.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.560%
11) 1,1-Dichloroethene-d2	4.021	65	39891	24.617	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.480%
21) 2-Butanone-d5	7.075	46	51213	52.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.260%
24) Chloroform-d	7.648	84	170284	26.307	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.240%
26) 1,2-Dichloroethane-d4	8.307	65	98585	26.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.960%
32) Benzene-d6	8.270	84	332943	26.886	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.560%
36) 1,2-Dichloropropane-d6	9.276	67	105106	26.581	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.320%
41) Toluene-d8	10.325	98	302113	27.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.760%
43) trans-1,3-Dichloroprop...	10.575	79	43315	27.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.280%
47) 2-Hexanone-d5	10.922	63	35585	54.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80034	27.259	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.040%
66) 1,2-Dichlorobenzene-d4	13.855	152	89794	25.395	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85257	25.294	ug/L	94
3) Chloromethane	2.222	50	111117	26.642	ug/L	99
5) Vinyl chloride	2.375	62	116697	24.971	ug/L	100
6) Bromomethane	2.789	94	65373	25.475	ug/L	100
8) Chloroethane	2.930	64	69230	26.040	ug/L	97
9) Trichlorofluoromethane	3.265	101	94595	25.341	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	87096	23.426	ug/L	97
12) 1,1-Dichloroethene	4.045	96	87447	25.599	ug/L	96
13) Acetone	4.118	43	61178	50.595	ug/L	98
14) Carbon disulfide	4.387	76	295272	25.974	ug/L	99
15) Methyl Acetate	4.673	43	51641	25.641	ug/L	99
16) Methylene chloride	4.923	84	103602	19.819	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	95070	25.826	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	157135	25.900	ug/L	98
19) 1,1-Dichloroethane	6.216	63	195090	25.128	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	99661	24.958	ug/L	93
22) 2-Butanone	7.173	43	76533	49.398	ug/L	99
23) Bromochloromethane	7.514	128	41948	24.745	ug/L	93
25) Chloroform	7.673	83	181295	24.785	ug/L	98

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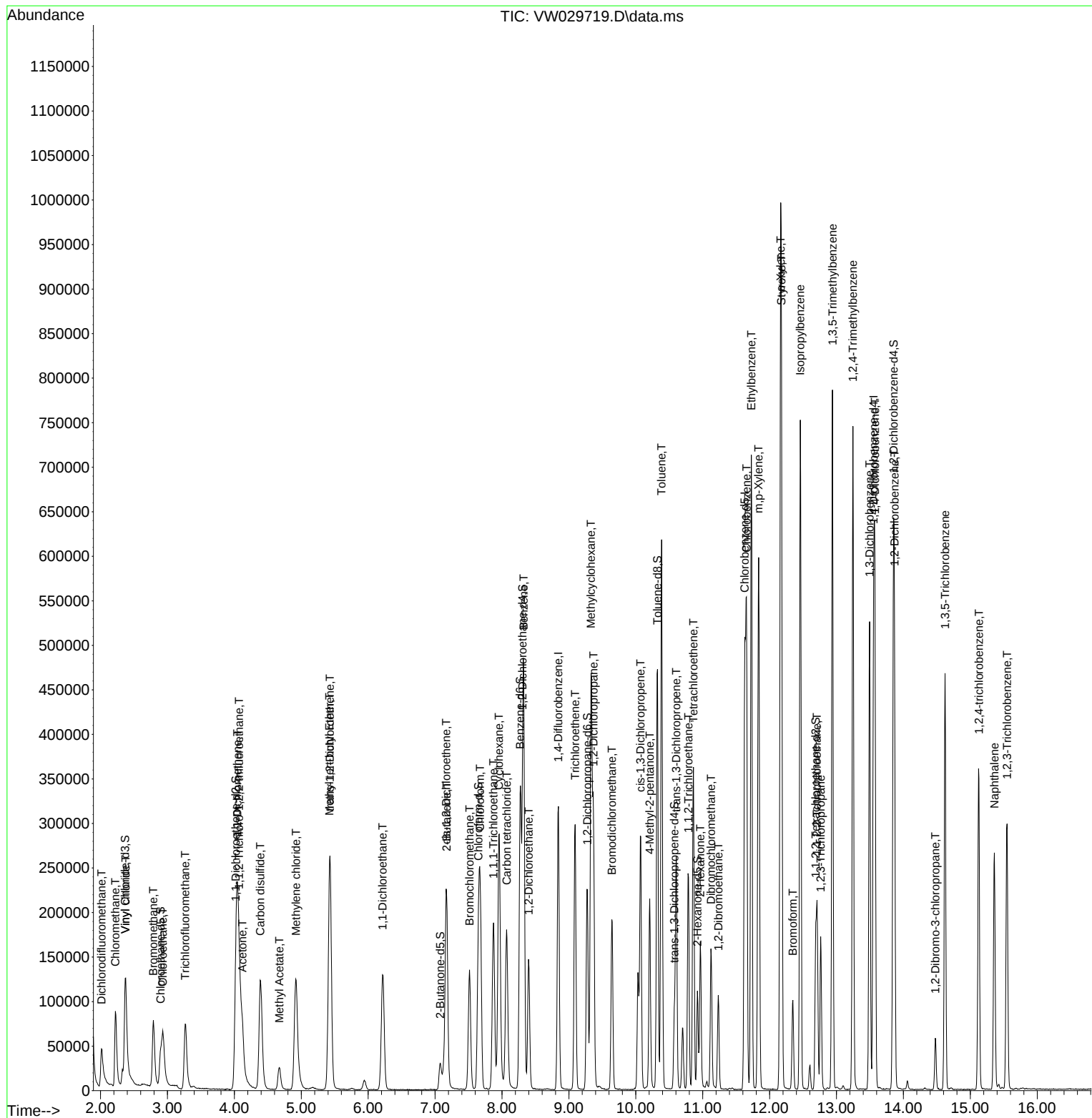
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132415	24.839	ug/L	99
29) Cyclohexane	7.953	56	169143	25.969	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	147996	25.499	ug/L	98
31) Carbon tetrachloride	8.069	117	132643	25.363	ug/L	97
33) Benzene	8.325	78	405581	25.827	ug/L	100
34) Trichloroethene	9.093	95	106455	25.860	ug/L	88
35) Methylcyclohexane	9.331	83	178669	26.047	ug/L	98
37) 1,2-Dichloropropane	9.367	63	109188	25.373	ug/L	100
38) Bromodichloromethane	9.642	83	130533	25.472	ug/L	91
39) cis-1,3-Dichloropropene	10.069	75	165591	26.422	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	145217	53.126	ug/L	100
42) Toluene	10.386	91	412033	25.705	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	135643	26.072	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	72102	24.940	ug/L	97
46) Tetrachloroethene	10.861	164	72887	24.360	ug/L	97
48) 2-Hexanone	10.965	43	107733	52.624	ug/L	100
49) Dibromochloromethane	11.123	129	79121	26.363	ug/L	97
50) 1,2-Dibromoethane	11.233	107	68818	25.727	ug/L #	96
51) Chlorobenzene	11.654	112	255486	25.624	ug/L	98
52) Ethylbenzene	11.727	91	483331	26.731	ug/L	97
53) m,p-Xylene	11.837	106	176126	26.486	ug/L	99
54) o-Xylene	12.166	106	164555	26.872	ug/L	98
55) Styrene	12.178	104	281662	26.536	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	90287	25.445	ug/L	97
59) Bromoform	12.349	173	43572	25.429	ug/L	99
60) Isopropylbenzene	12.458	105	458308	26.009	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68656	24.790	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	377927	28.855	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	368662	26.319	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	185491	24.673	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	185746	24.052	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	167509	24.473	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15073	23.969	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	128541	24.990	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	106519	24.581	ug/L	93
71) Naphthalene	15.360	128	211280	25.552	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	93667	23.881	ug/L	96

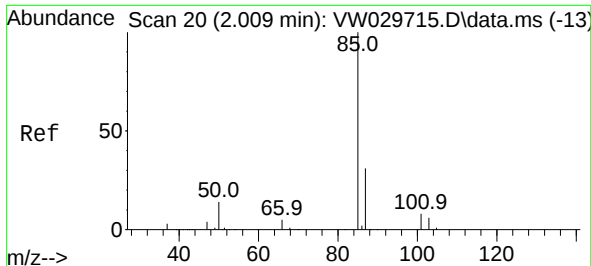
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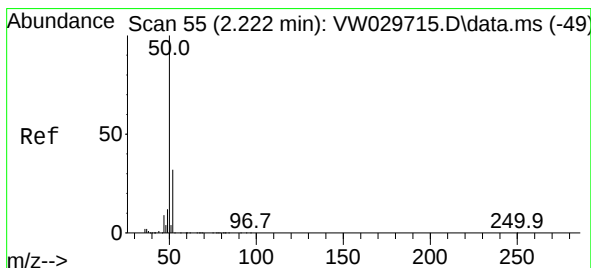
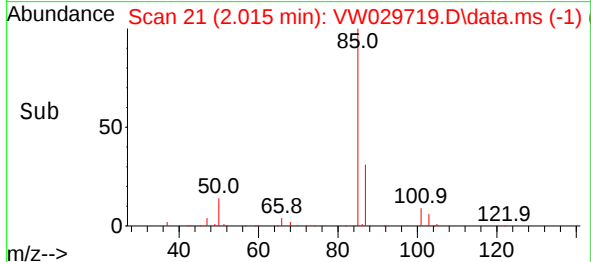
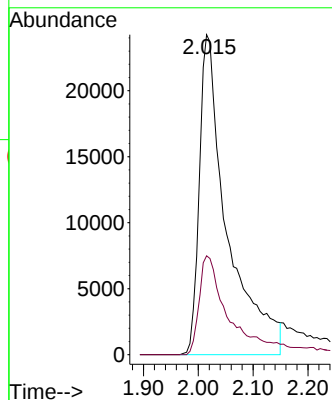
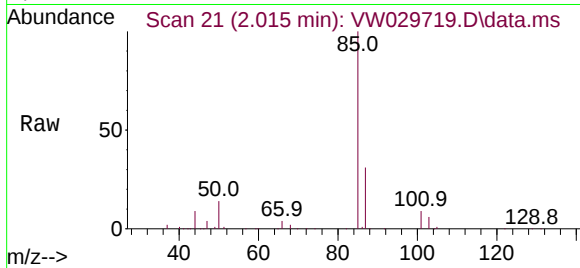




#2
Dichlorodifluoromethane
Concen: 25.294 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

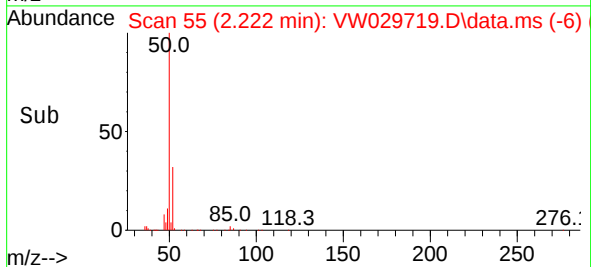
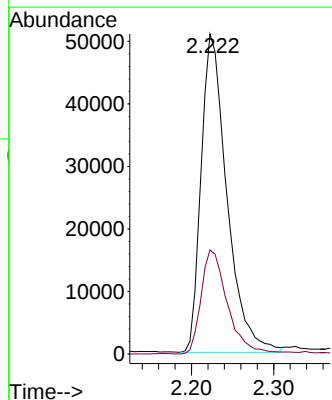
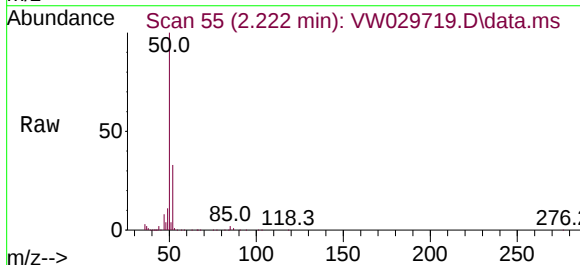
Instrument :
MSVOA_W
ClientSampleId :

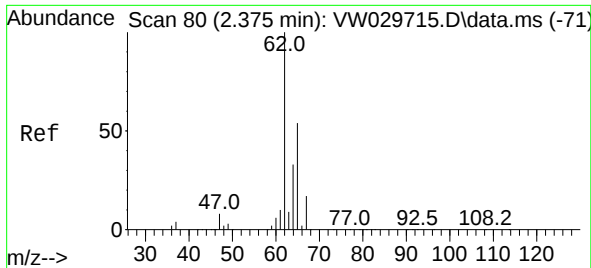
Tgt Ion: 85 Resp: 85257
Ion Ratio Lower Upper
85 100
87 28.3 25.5 38.3



#3
Chloromethane
Concen: 26.642 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

Tgt Ion: 50 Resp: 111117
Ion Ratio Lower Upper
50 100
52 32.5 22.5 41.9

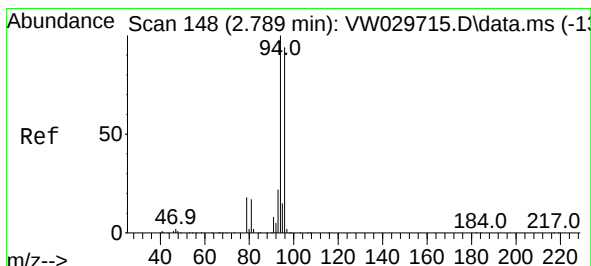
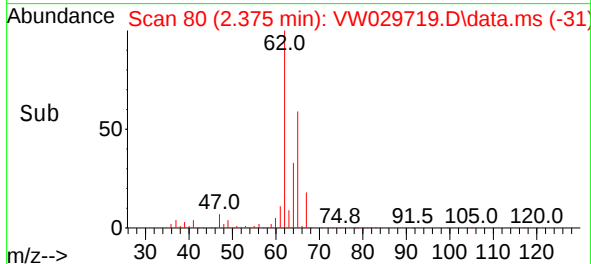
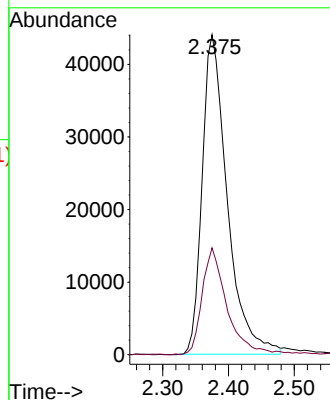
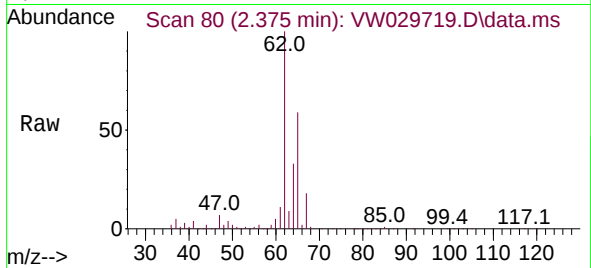




#5
 Vinyl chloride
 Concen: 24.971 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029719.D
 Acq: 24 Jul 2024 18:16

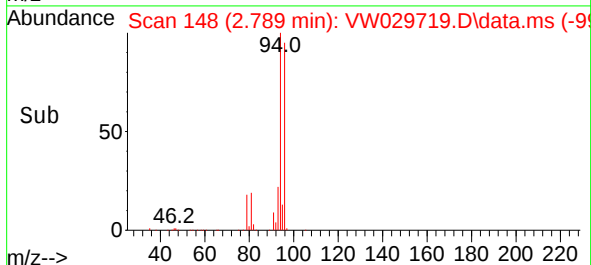
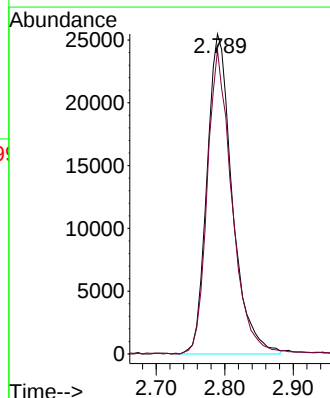
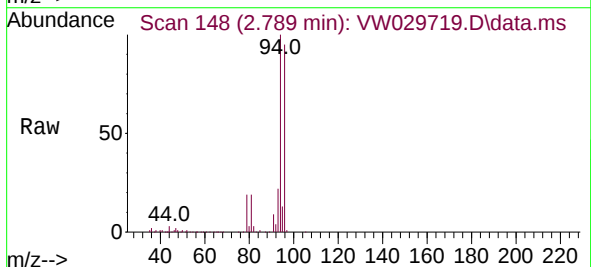
Instrument :
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 ClientSampleId :

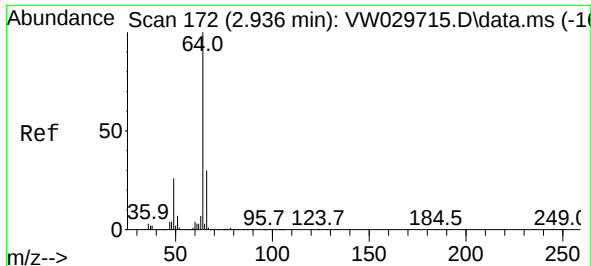
Tgt Ion: 62 Resp: 116697
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.2



#6
 Bromomethane
 Concen: 25.475 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029719.D
 Acq: 24 Jul 2024 18:16

Tgt Ion: 94 Resp: 65373
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.2 123.0

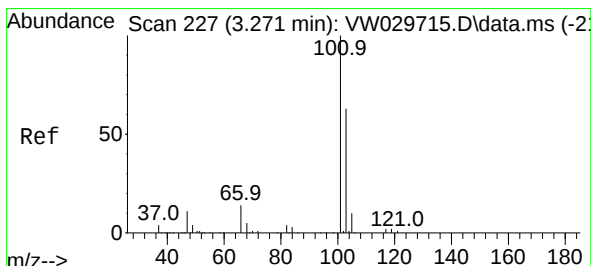
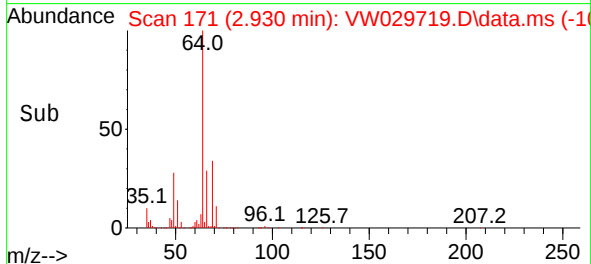
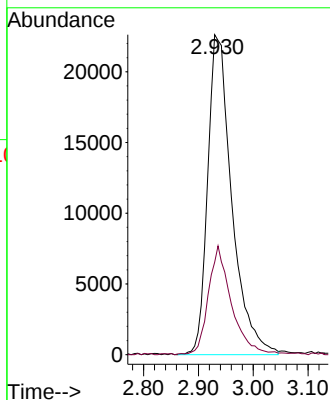
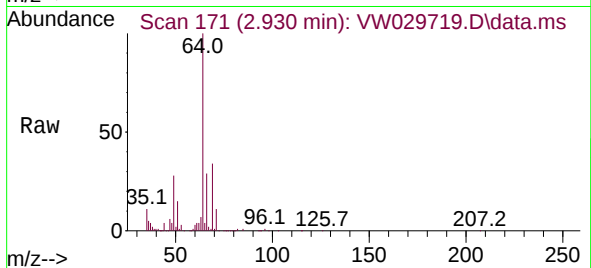




#8
Chloroethane
Concen: 26.040 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

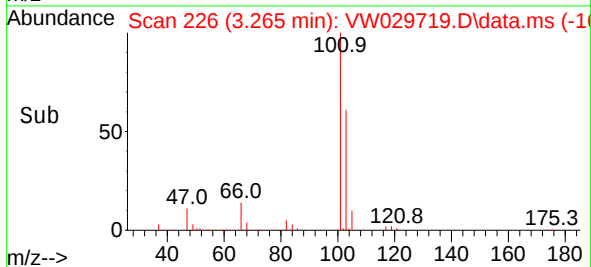
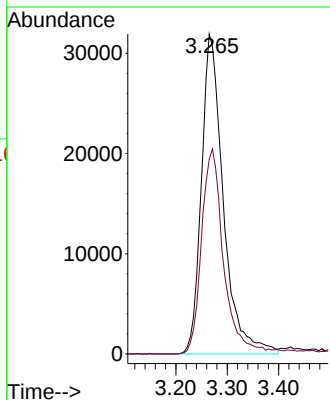
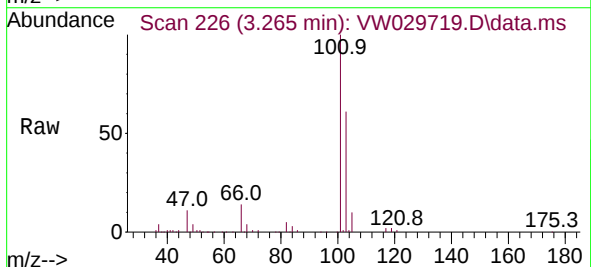
Instrument :
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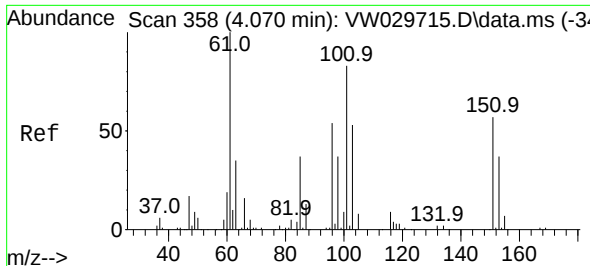
Tgt Ion: 64 Resp: 69230
Ion Ratio Lower Upper
64 100
66 28.9 21.2 39.4



#9
Trichlorofluoromethane
Concen: 25.341 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

Tgt Ion:101 Resp: 94595
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4





#10

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

Concen: 23.426 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

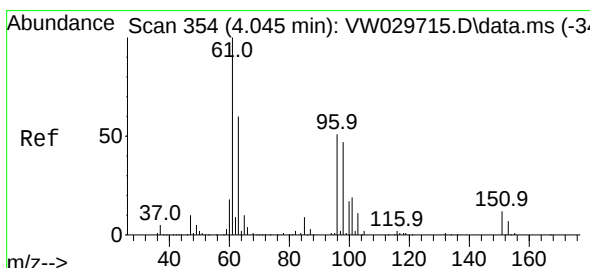
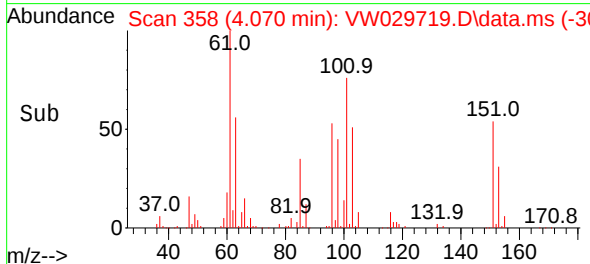
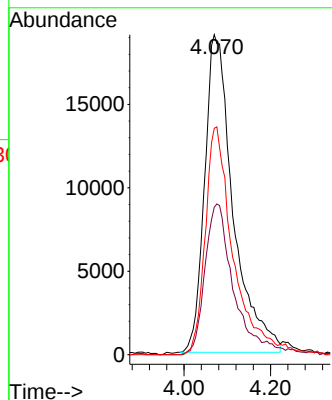
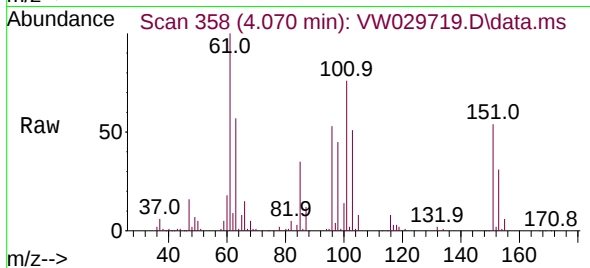
Tgt Ion:101 Resp: 87096

Ion Ratio Lower Upper

101 100

85 45.7 34.2 51.4

151 69.1 54.2 81.2



#12

1,1-Dichloroethene

Concen: 25.599 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

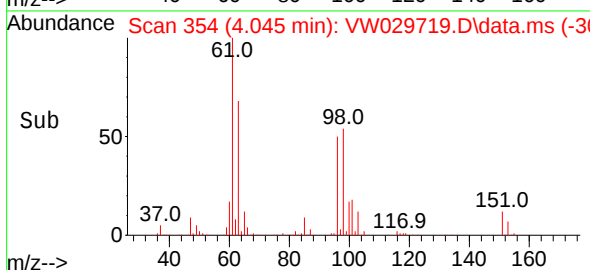
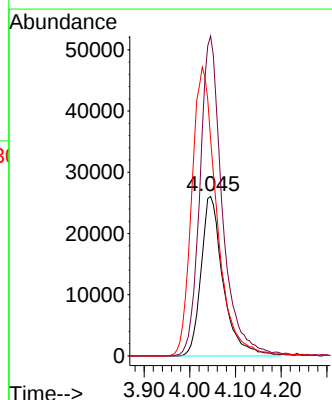
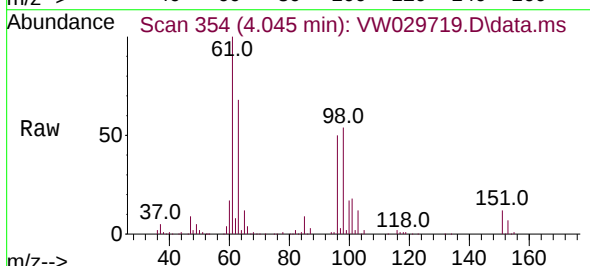
Tgt Ion: 96 Resp: 87447

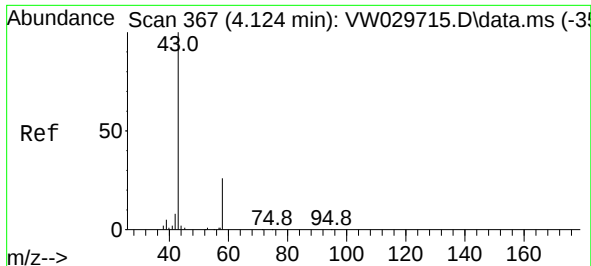
Ion Ratio Lower Upper

96 100

61 200.6 138.3 256.9

63 135.9 89.0 165.4





#13

Acetone

Concen: 50.595 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

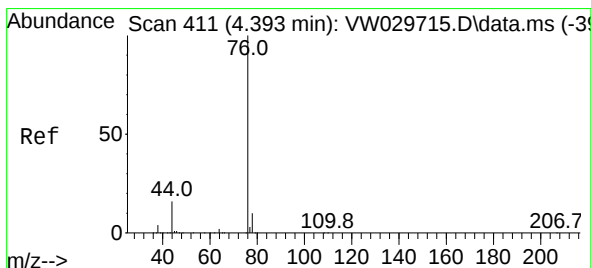
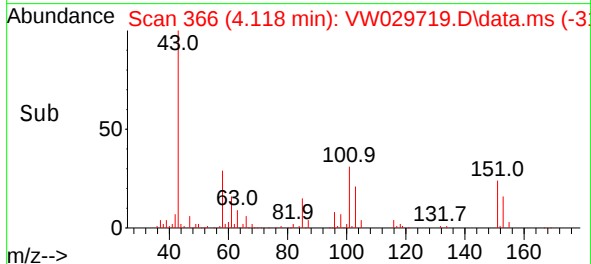
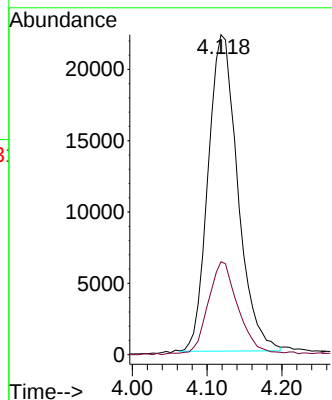
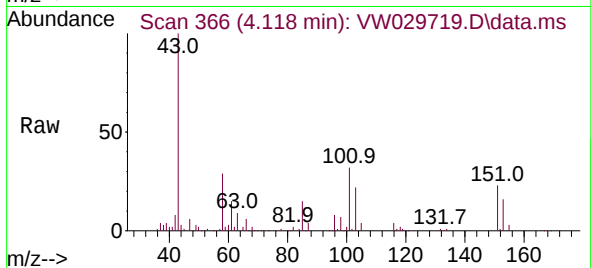
ClientSampleId :

Tgt Ion: 43 Resp: 61178

Ion Ratio Lower Upper

43 100

58 29.9 0.0 57.6



#14

Carbon disulfide

Concen: 25.974 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW029719.D

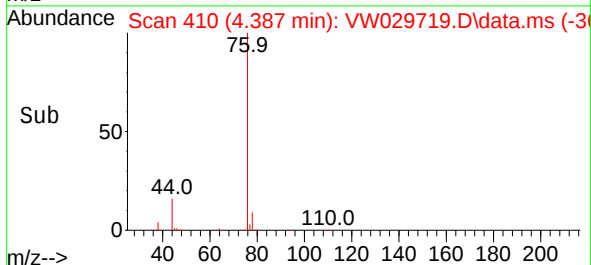
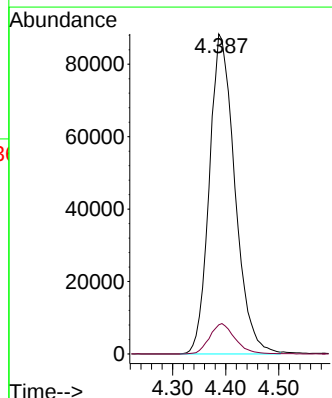
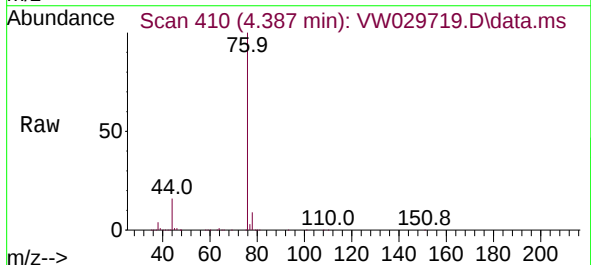
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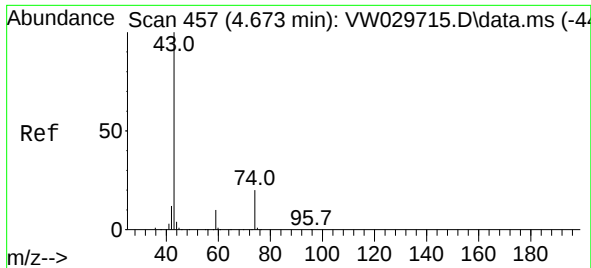
Tgt Ion: 76 Resp: 295272

Ion Ratio Lower Upper

76 100

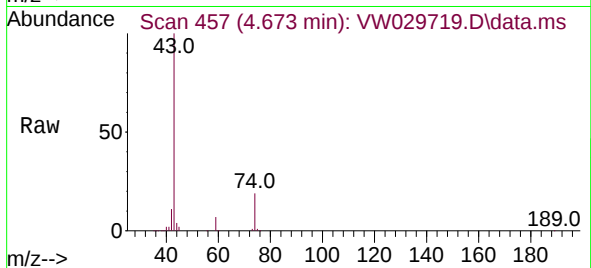
78 9.1 7.6 11.4



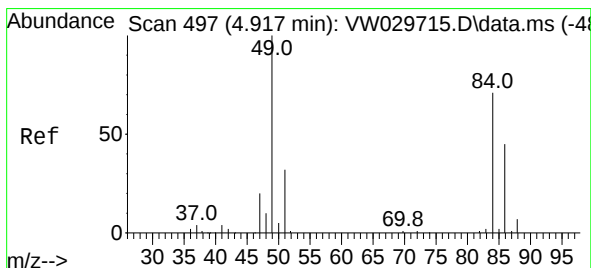
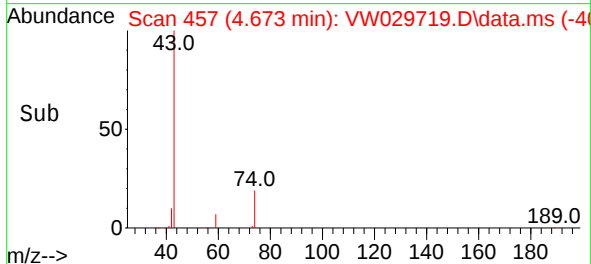
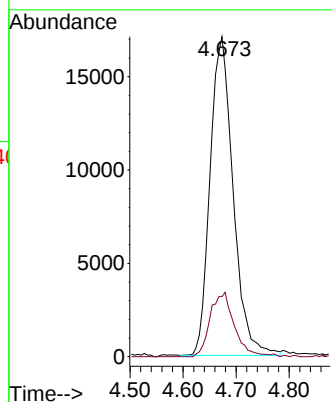


#15
Methyl Acetate
Concen: 25.641 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

Instrument :
MSVOA_W
ClientSampleId :

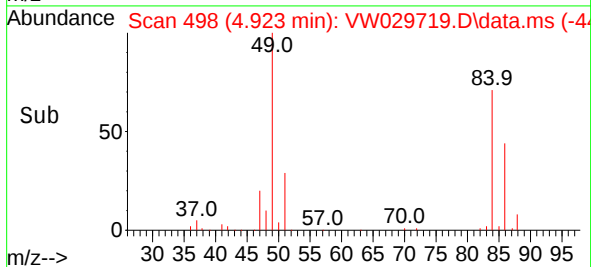
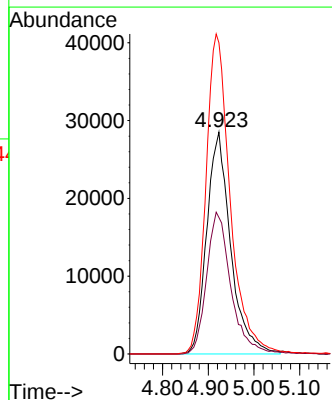
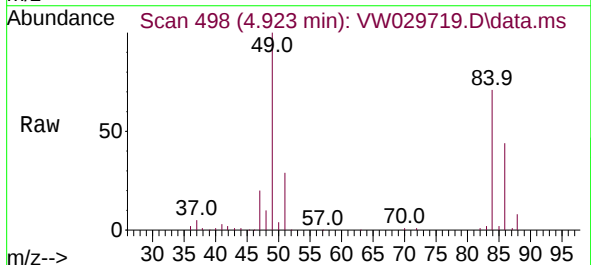


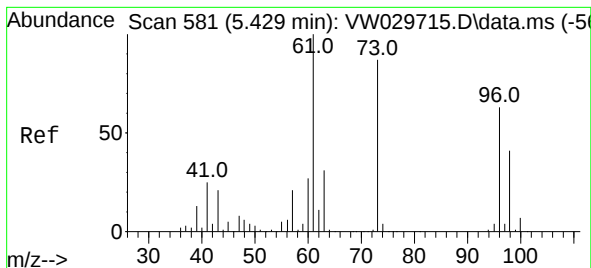
Tgt Ion: 43 Resp: 51641
Ion Ratio Lower Upper
43 100
74 21.0 16.5 24.7



#16
Methylene chloride
Concen: 19.819 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

Tgt Ion: 84 Resp: 103602
Ion Ratio Lower Upper
84 100
86 61.5 44.7 82.9
49 140.3 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 25.826 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

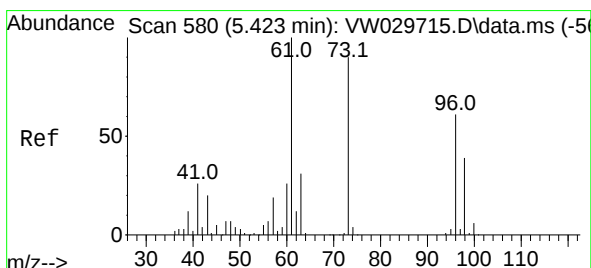
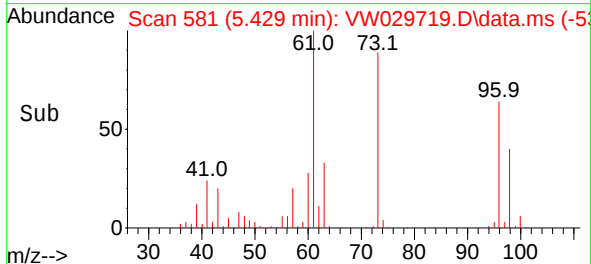
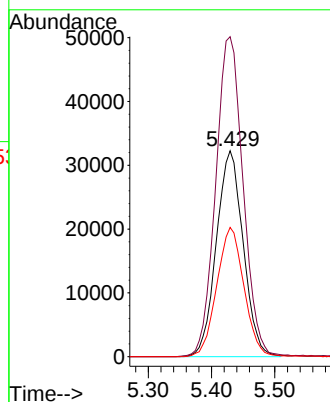
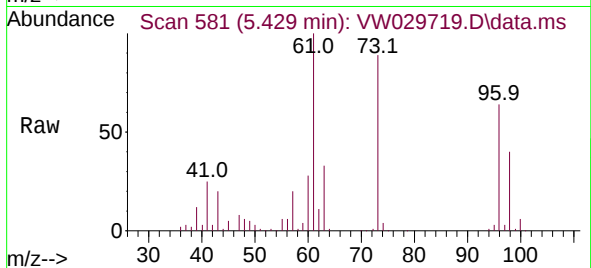
Tgt Ion: 96 Resp: 95070

Ion Ratio Lower Upper

96 100

61 155.4 111.2 206.6

98 62.8 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 25.900 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

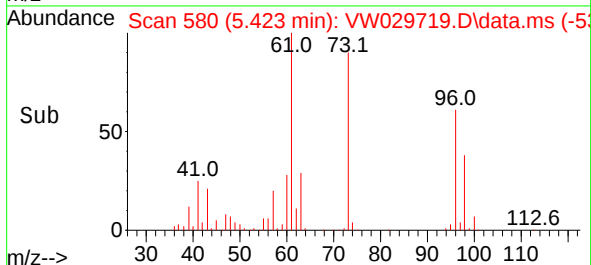
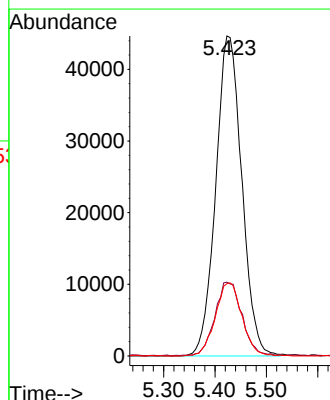
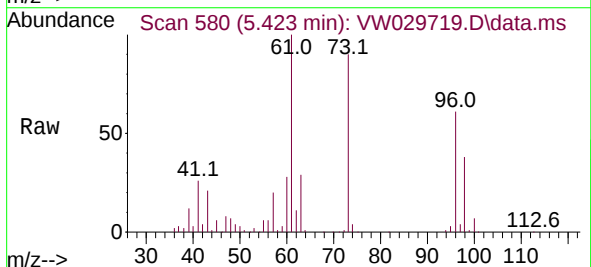
Tgt Ion: 73 Resp: 157135

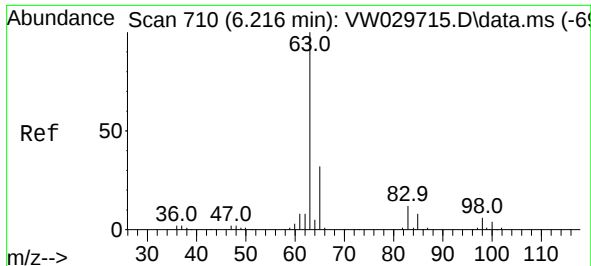
Ion Ratio Lower Upper

73 100

43 23.8 18.3 27.5

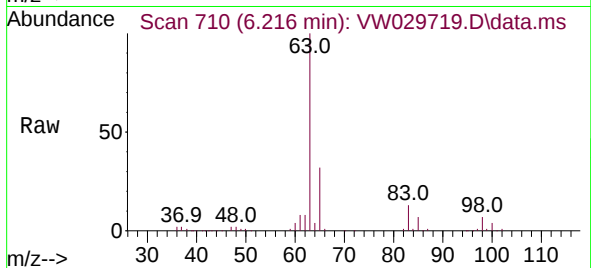
57 23.3 17.9 26.9



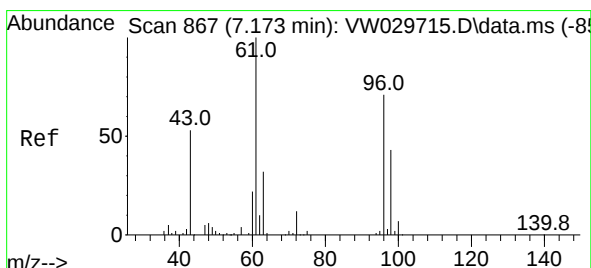
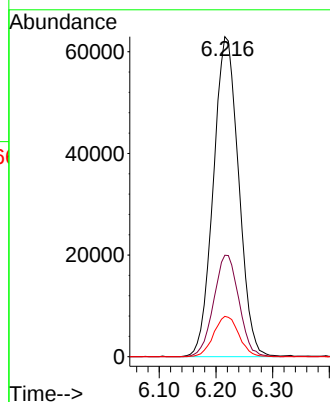
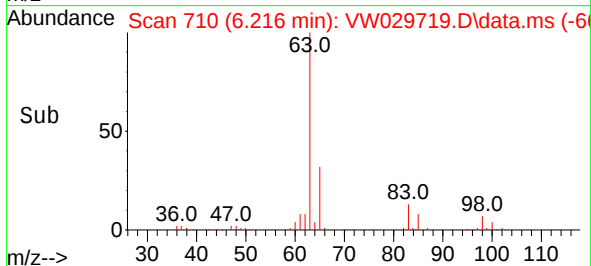


#19
1,1-Dichloroethane
Concen: 25.128 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

Instrument :
MSVOA_W
ClientSampleId :

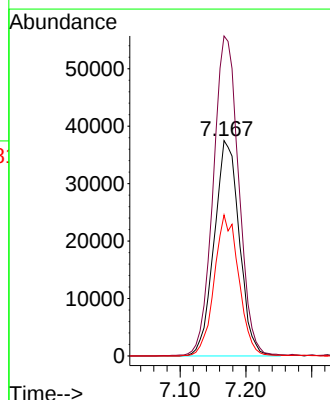
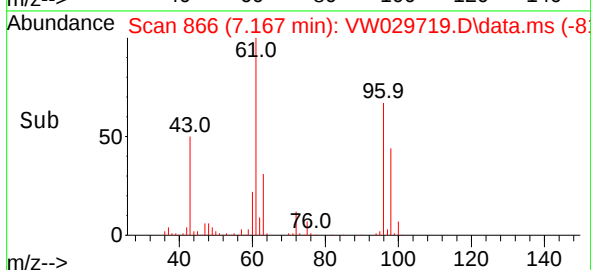
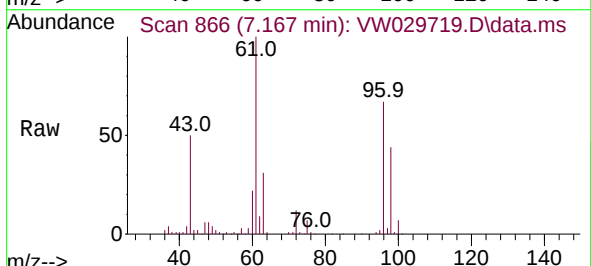


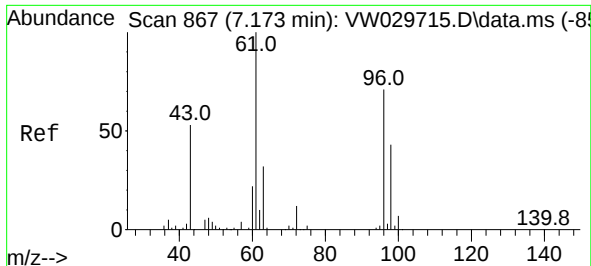
Tgt Ion: 63 Resp: 195090
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.3
83 12.6 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 24.958 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

Tgt Ion: 96 Resp: 99661
Ion Ratio Lower Upper
96 100
61 148.5 98.2 182.4
98 65.4 41.9 77.9





#22

2-Butanone

Concen: 49.398 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

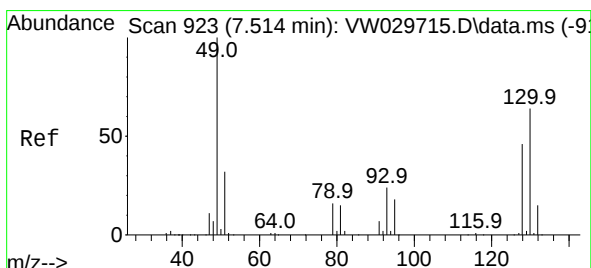
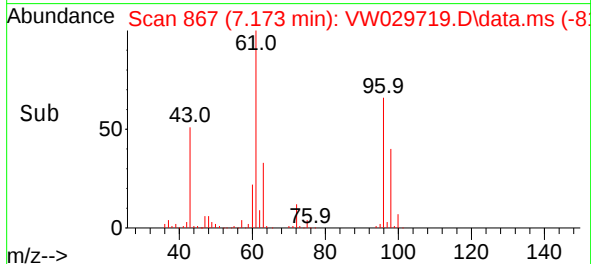
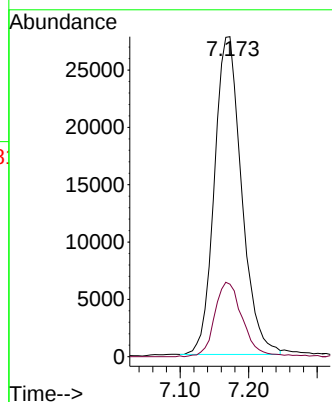
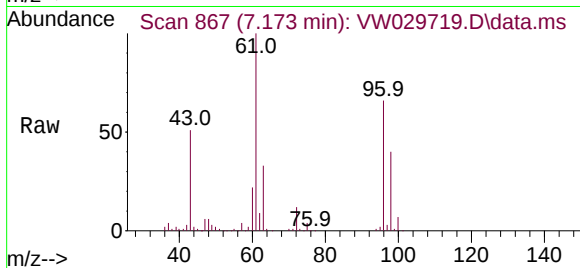
ClientSampleId :

Tgt Ion: 43 Resp: 76533

Ion Ratio Lower Upper

43 100

72 24.0 11.7 35.1



#23

Bromochloromethane

Concen: 24.745 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Tgt Ion: 128 Resp: 41948

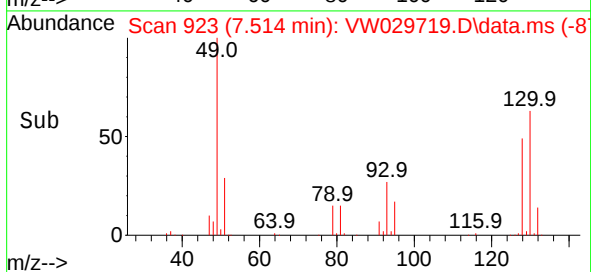
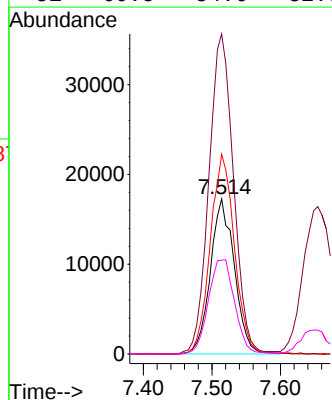
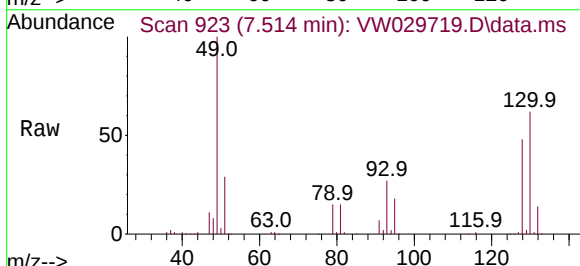
Ion Ratio Lower Upper

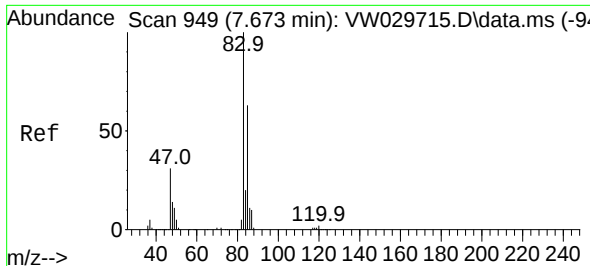
128 100

49 206.4 151.1 280.7

130 128.8 96.8 179.8

51 60.5 54.6 82.0

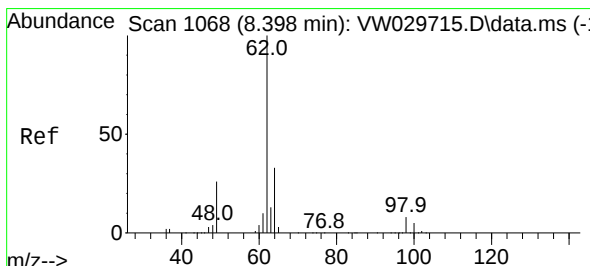
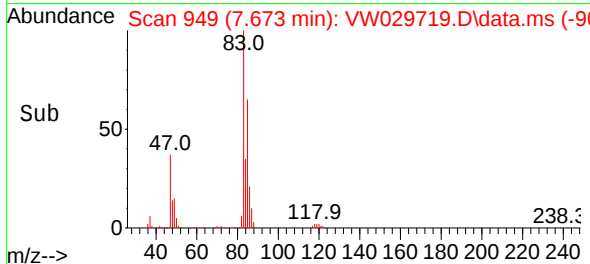
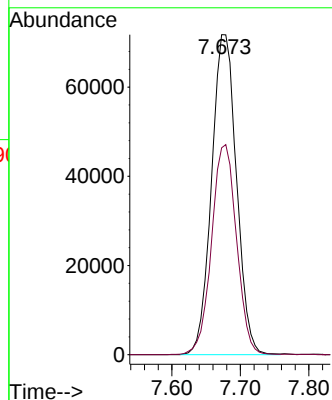
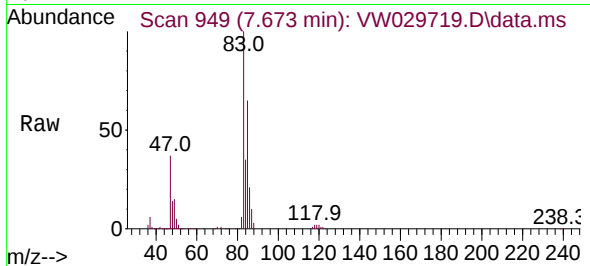




#25
Chloroform
Concen: 24.785 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

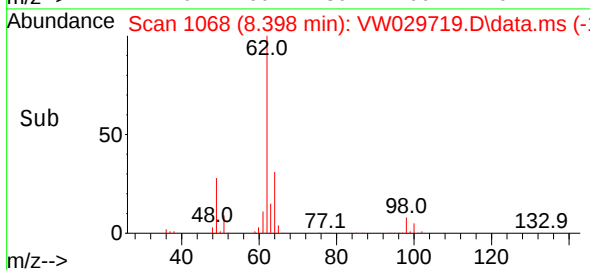
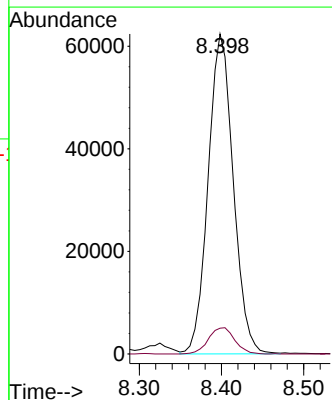
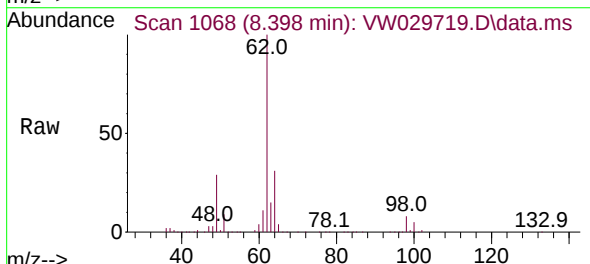
Instrument :
MSVOA_W
ClientSampleId :

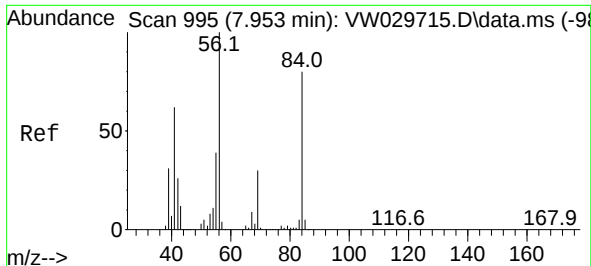
Tgt Ion: 83 Resp: 181295
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4



#27
1,2-Dichloroethane
Concen: 24.839 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

Tgt Ion: 62 Resp: 132415
Ion Ratio Lower Upper
62 100
98 8.1 6.6 10.0





#29

Cyclohexane

Concen: 25.969 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

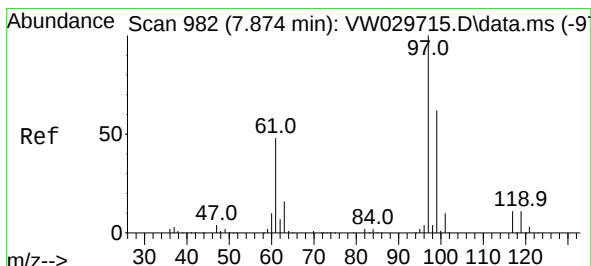
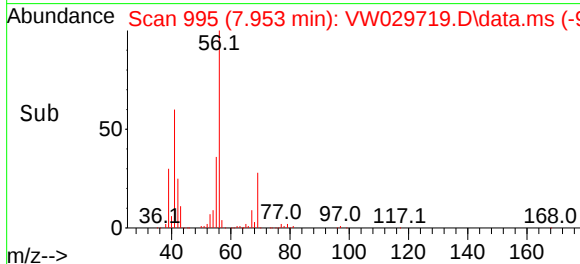
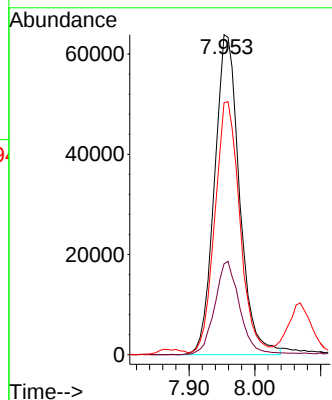
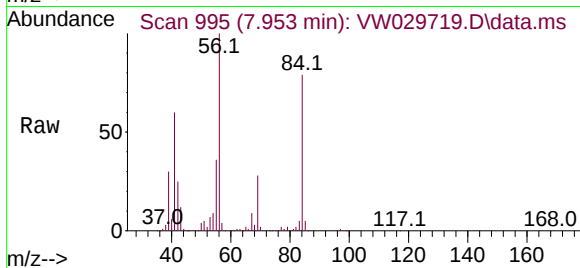
MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 169143

Ion Ratio Lower Upper

56	100		
69	29.1	23.0	34.4
84	78.8	63.5	95.3



#30

1,1,1-Trichloroethane

Concen: 25.499 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

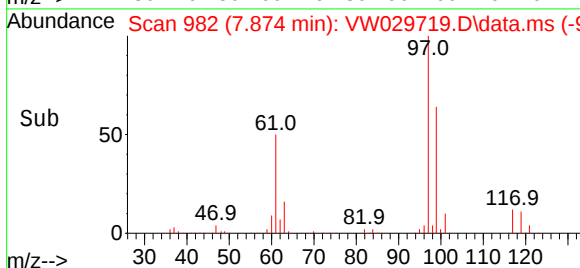
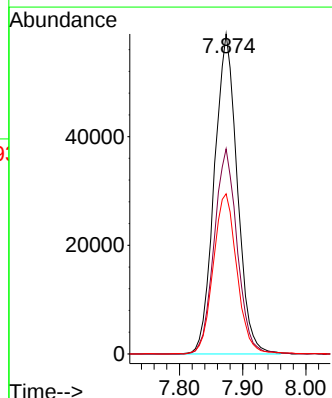
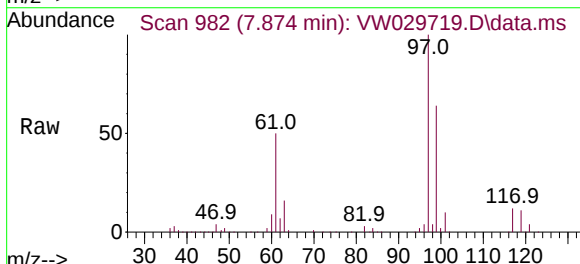
Lab File: VW029719.D

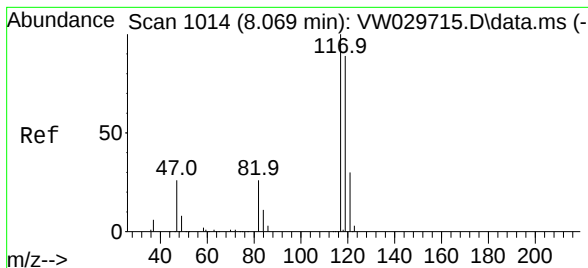
Acq: 24 Jul 2024 18:16

Tgt Ion: 97 Resp: 147996

Ion Ratio Lower Upper

97	100		
99	64.0	52.1	78.1
61	51.7	42.6	63.8





#31

Carbon tetrachloride

Concen: 25.363 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

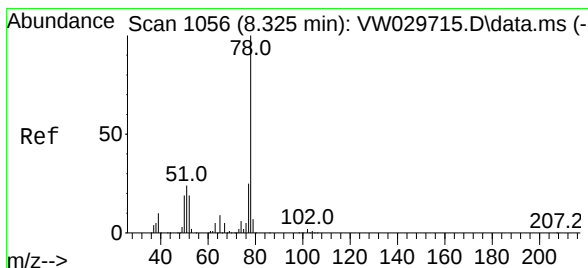
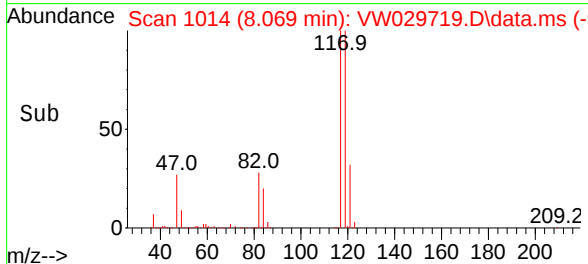
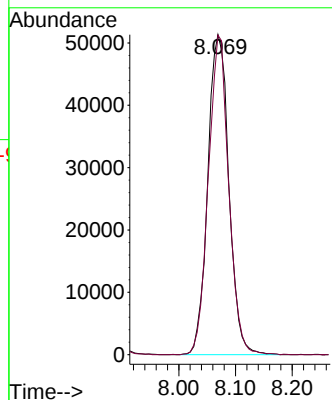
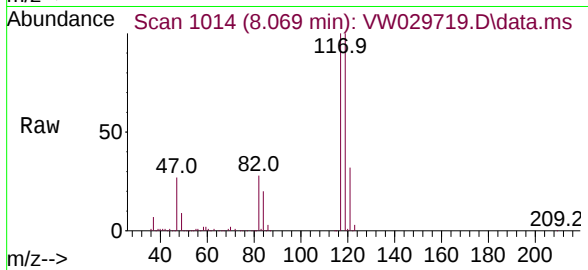
ClientSampleId :

Tgt Ion:117 Resp: 132643

Ion Ratio Lower Upper

117 100

119 96.2 74.8 112.2



#33

Benzene

Concen: 25.827 ug/L

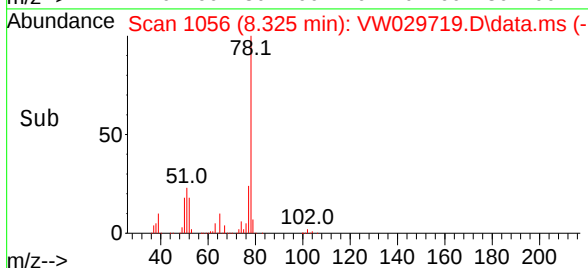
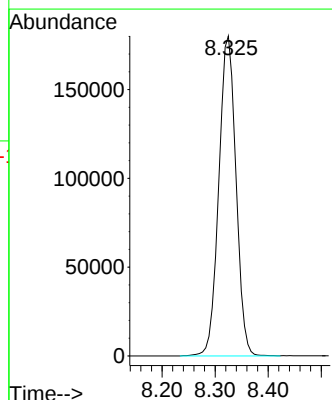
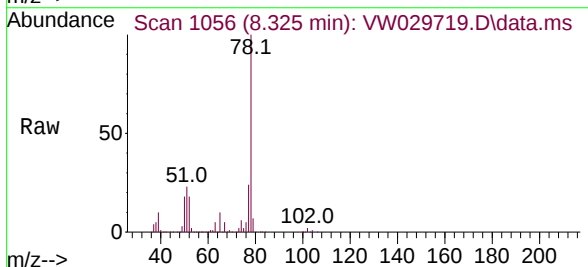
RT: 8.325 min Scan# 1056

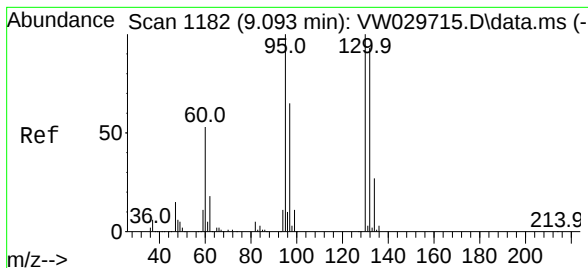
Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Tgt Ion: 78 Resp: 405581





#34

Trichloroethene

Concen: 25.860 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

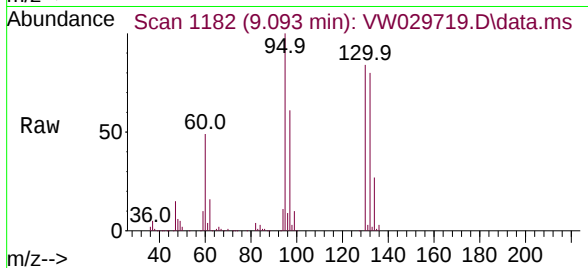
Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 106455

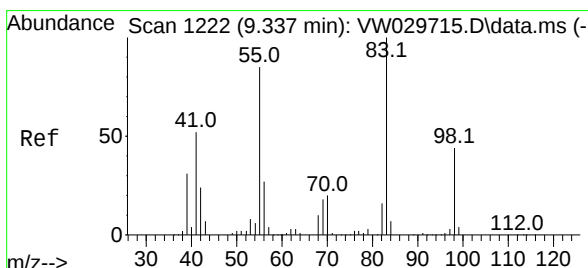
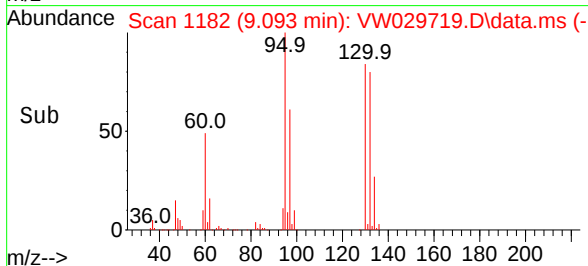
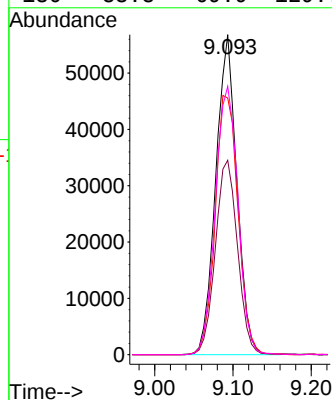
Ion Ratio Lower Upper

95 100

97 60.8 45.6 84.8

132 80.2 65.2 121.0

130 83.8 69.9 129.7



#35

Methylcyclohexane

Concen: 26.047 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

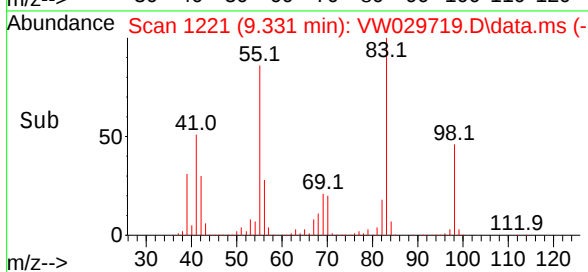
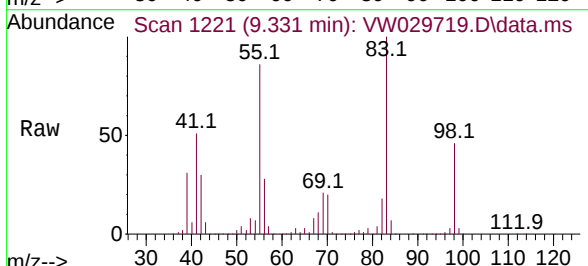
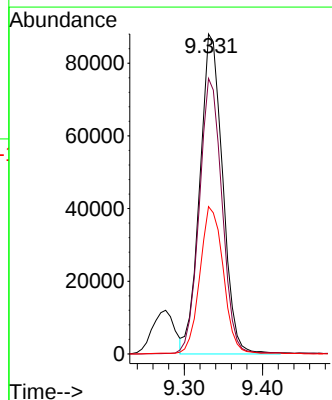
Tgt Ion: 83 Resp: 178669

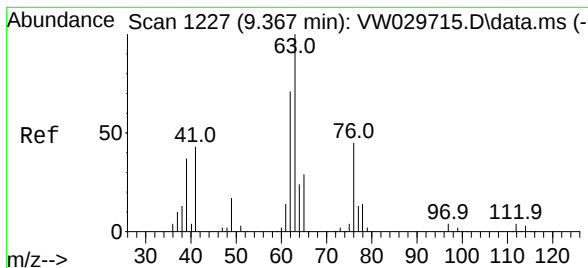
Ion Ratio Lower Upper

83 100

55 85.6 67.4 101.2

98 47.1 36.7 55.1





#37

1,2-Dichloropropane

Concen: 25.373 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

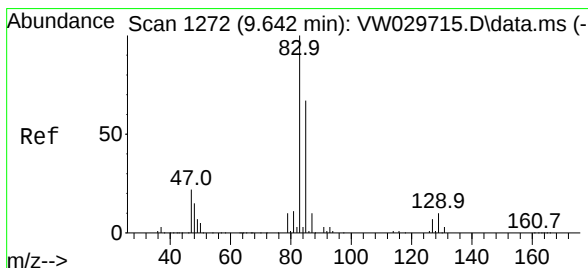
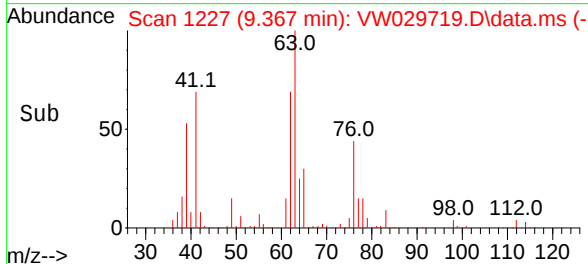
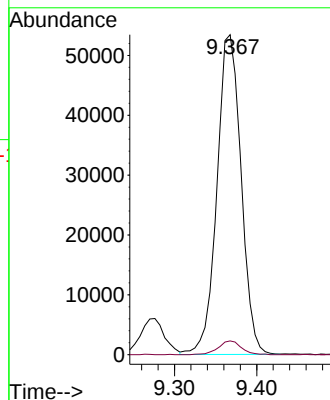
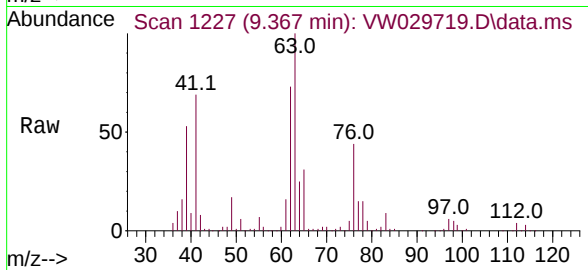
ClientSampleId :

Tgt Ion: 63 Resp: 109188

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 25.472 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

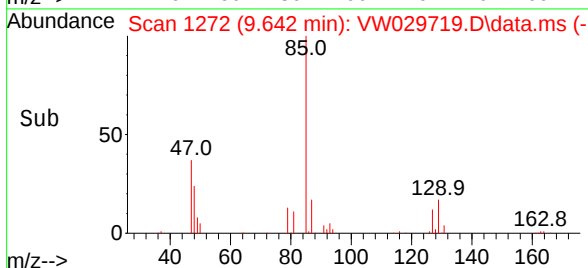
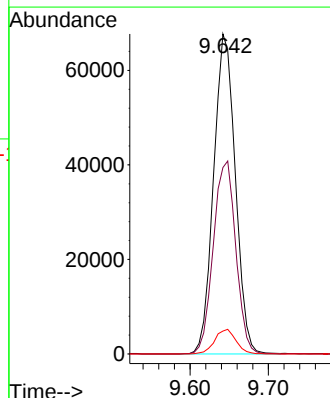
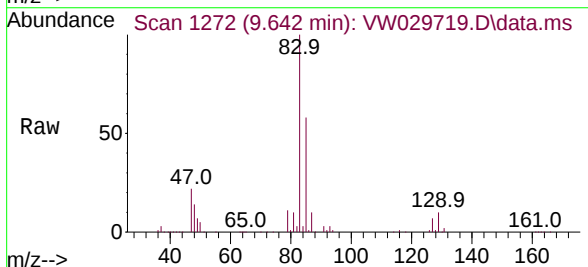
Tgt Ion: 83 Resp: 130533

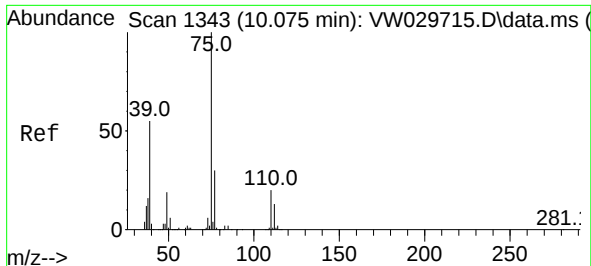
Ion Ratio Lower Upper

83 100

85 58.2 46.6 86.6

127 7.2 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.422 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

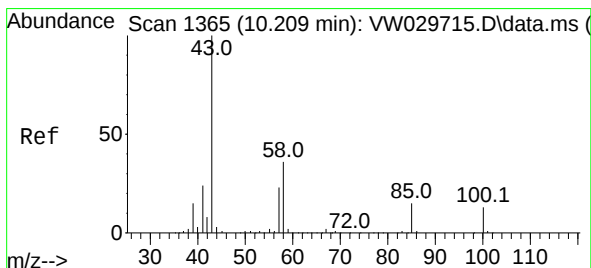
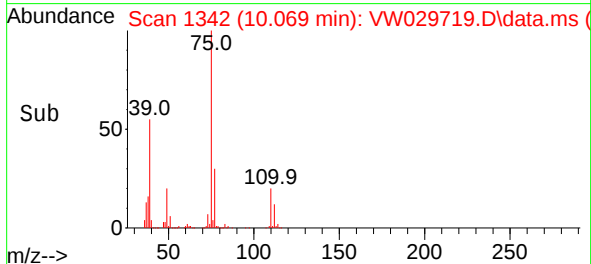
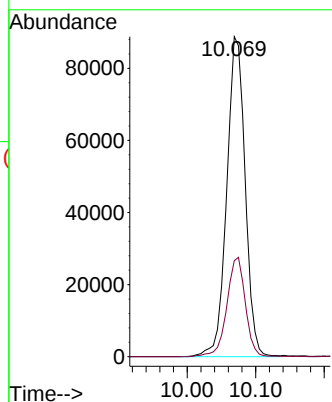
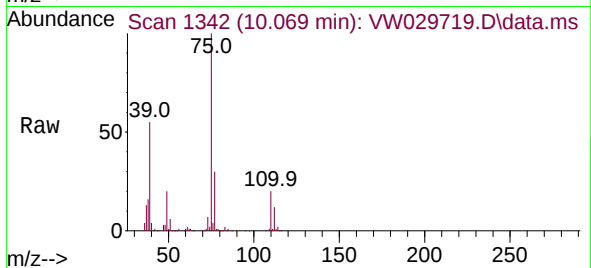
ClientSampleId :

Tgt Ion: 75 Resp: 165591

Ion Ratio Lower Upper

75 100

77 30.0 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 53.126 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

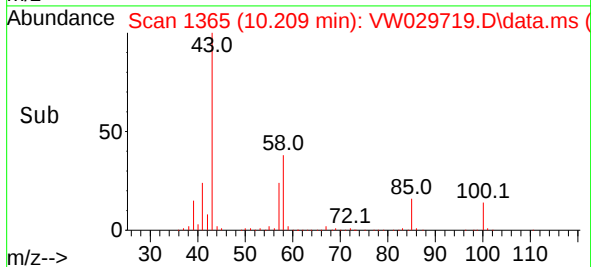
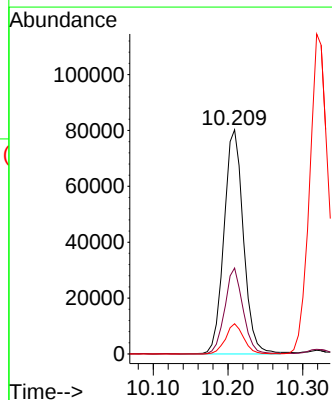
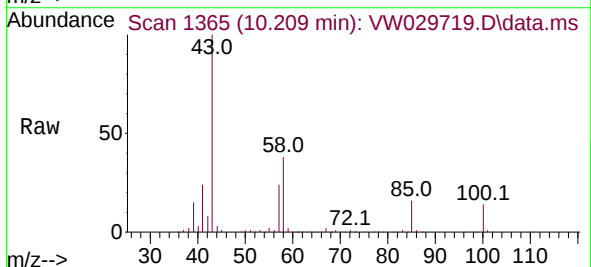
Tgt Ion: 43 Resp: 145217

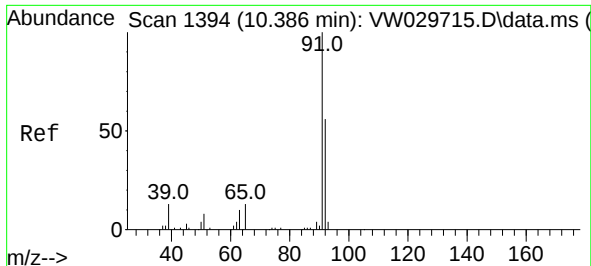
Ion Ratio Lower Upper

43 100

58 36.1 28.7 43.1

100 12.6 10.0 15.0





#42

Toluene

Concen: 25.705 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

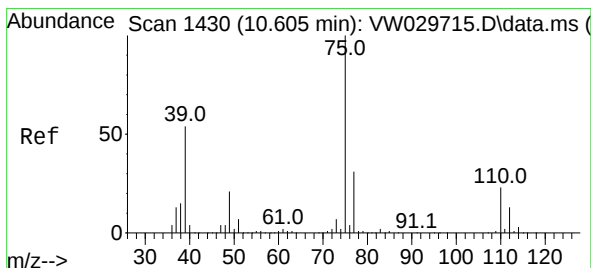
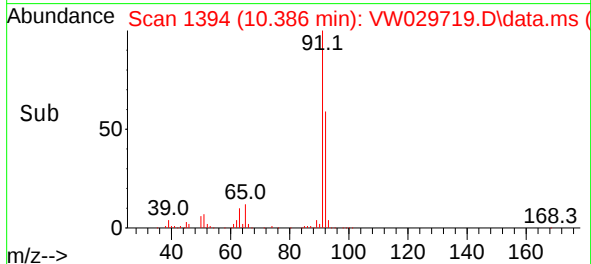
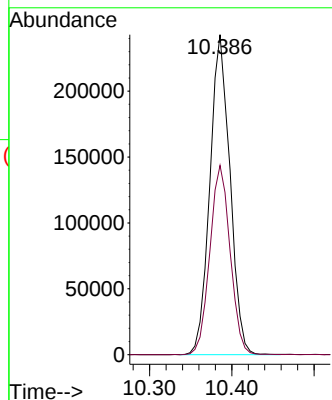
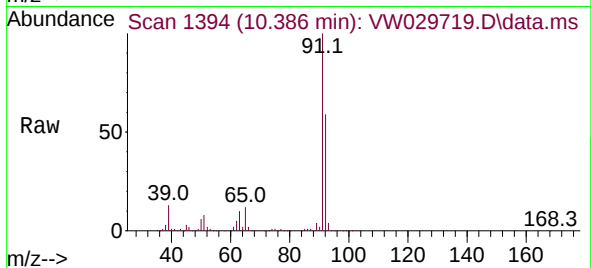
ClientSampleId :

Tgt Ion: 91 Resp: 412033

Ion Ratio Lower Upper

91 100

92 59.1 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 26.072 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029719.D

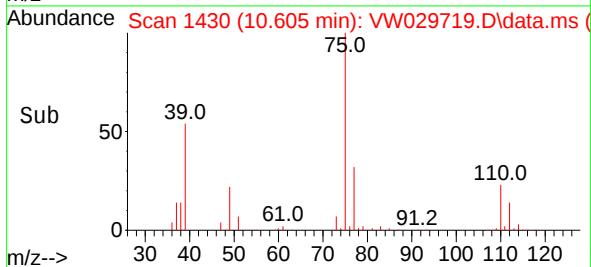
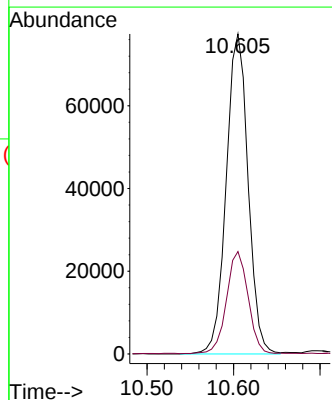
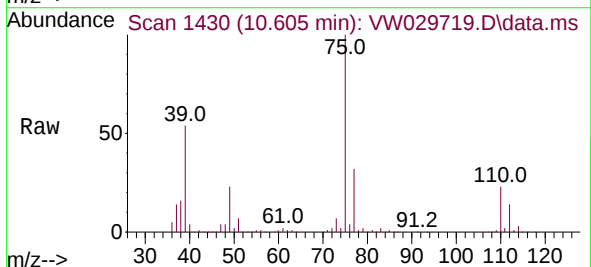
Acq: 24 Jul 2024 18:16

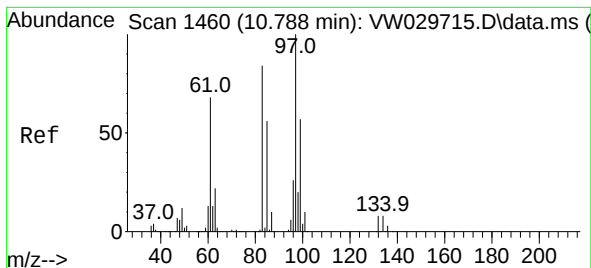
Tgt Ion: 75 Resp: 135643

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 24.940 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 72102

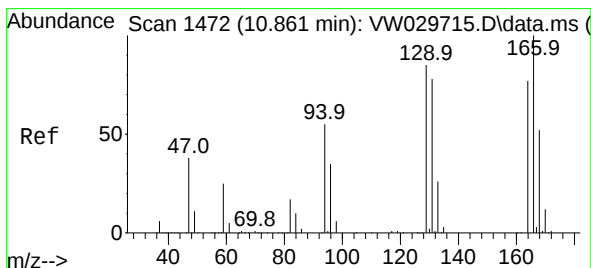
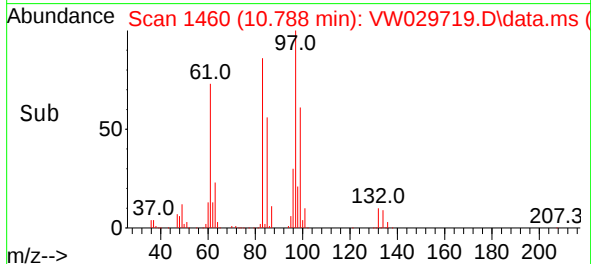
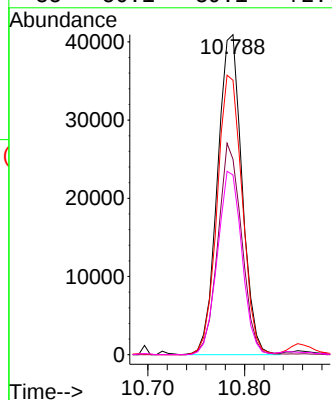
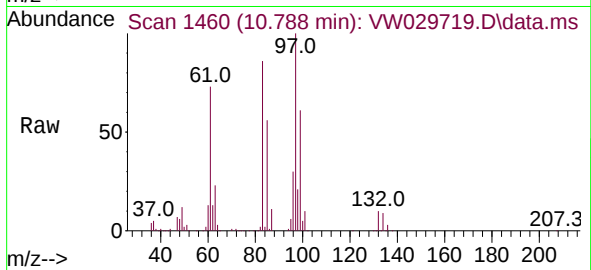
Ion Ratio Lower Upper

97 100

99 61.1 40.1 74.5

83 85.7 58.5 108.7

85 56.1 39.1 72.7



#46

Tetrachloroethene

Concen: 24.360 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Tgt Ion:164 Resp: 72887

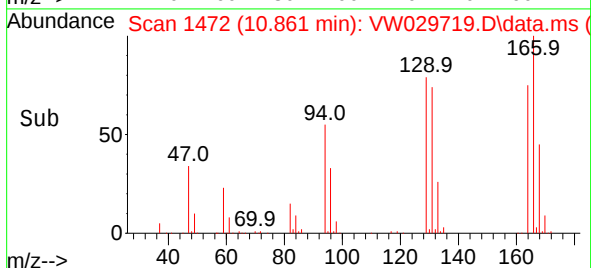
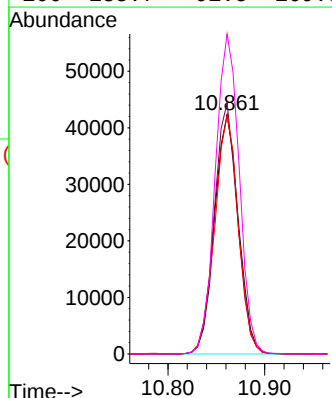
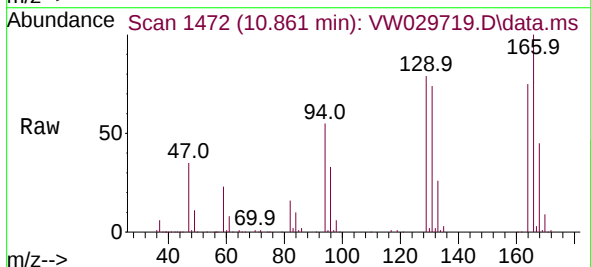
Ion Ratio Lower Upper

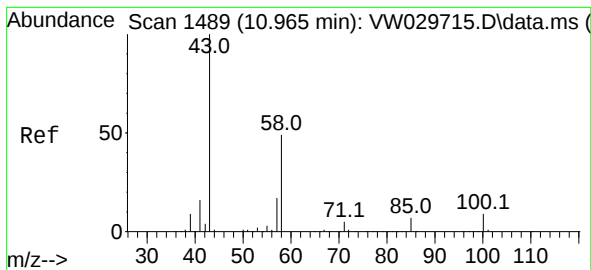
164 100

129 105.0 77.8 144.6

131 99.4 70.9 131.7

166 133.7 91.5 169.9

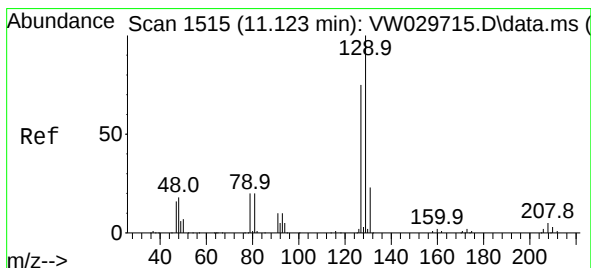
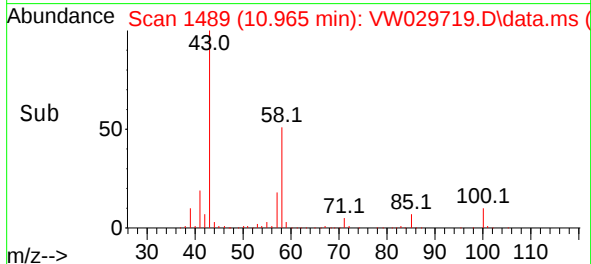
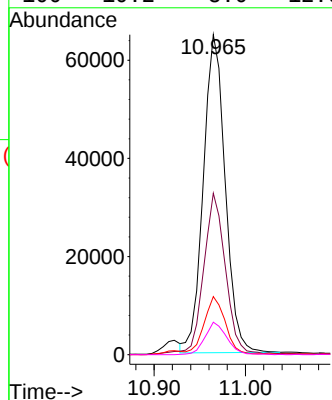
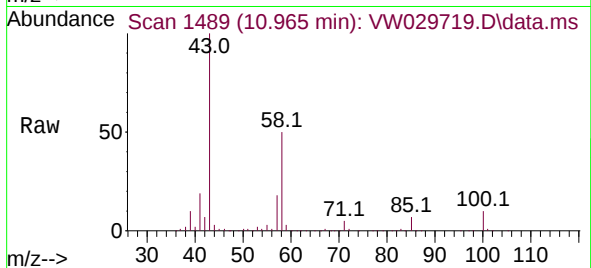




#48
2-Hexanone
Concen: 52.624 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

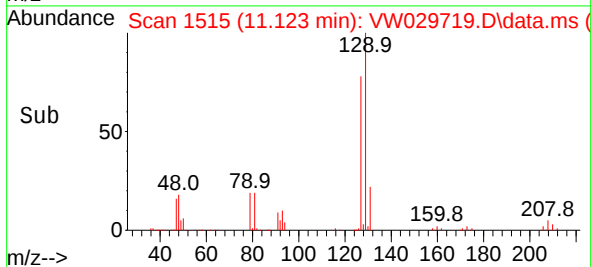
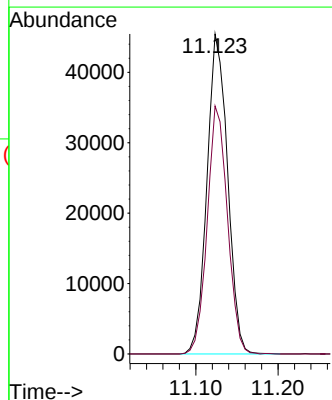
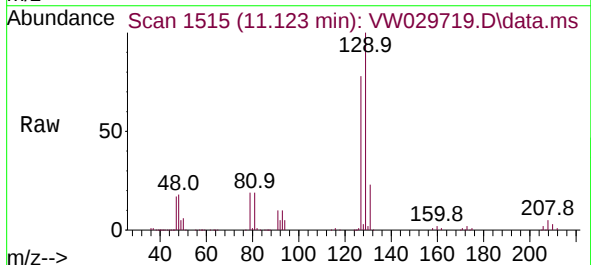
Instrument :
MSVOA_W
ClientSampleId :

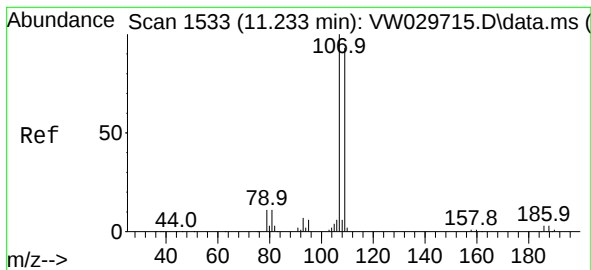
Tgt Ion: 43 Resp: 107733
Ion Ratio Lower Upper
43 100
58 50.9 41.0 61.4
57 17.7 14.1 21.1
100 10.2 8.0 12.0



#49
Dibromochloromethane
Concen: 26.363 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

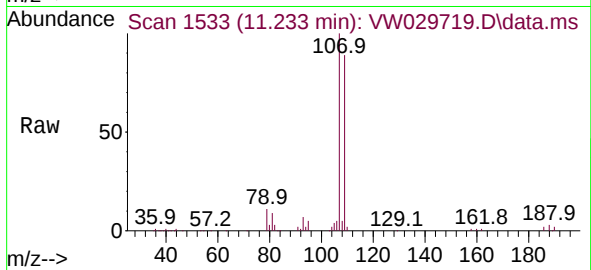
Tgt Ion:129 Resp: 79121
Ion Ratio Lower Upper
129 100
127 77.5 52.4 97.2



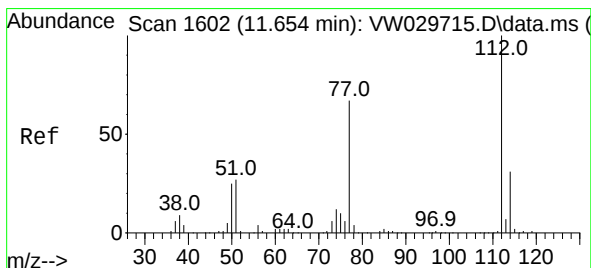
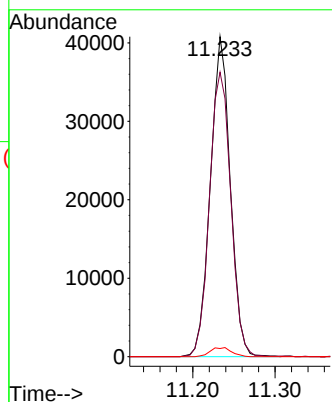
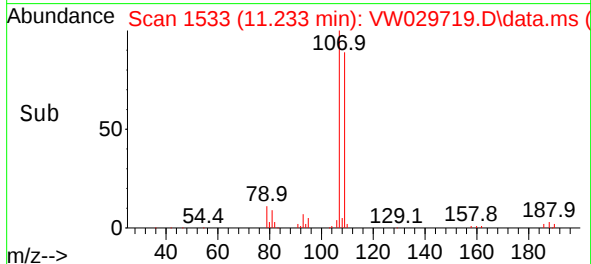


#50
1,2-Dibromoethane
Concen: 25.727 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

Instrument :
MSVOA_W
ClientSampleId :

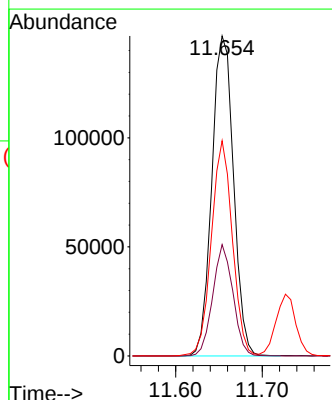
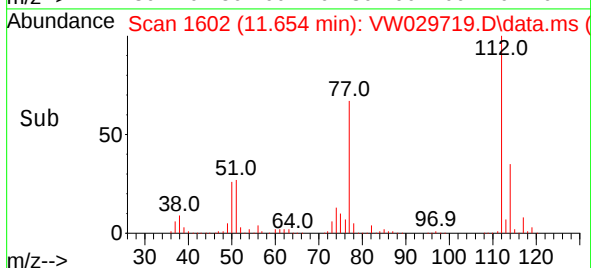
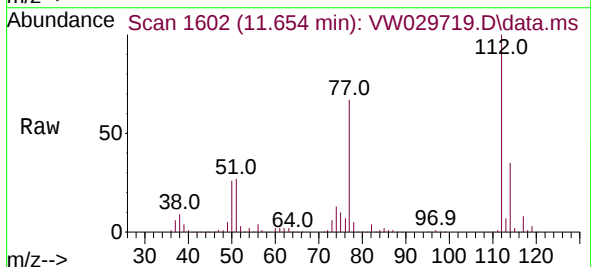


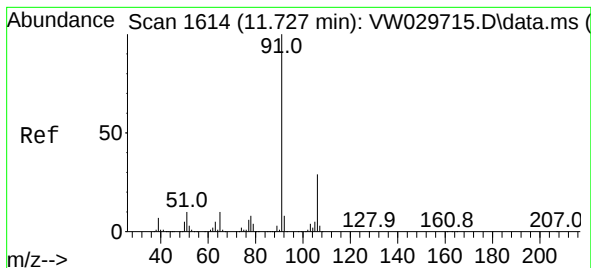
Tgt Ion:107 Resp: 68818
Ion Ratio Lower Upper
107 100
109 88.9 64.8 120.3
188 2.6 2.7 4.1#



#51
Chlorobenzene
Concen: 25.624 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029719.D
Acq: 24 Jul 2024 18:16

Tgt Ion:112 Resp: 255486
Ion Ratio Lower Upper
112 100
114 34.8 22.0 40.8
77 67.3 53.8 80.8





#52

Ethylbenzene

Concen: 26.731 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

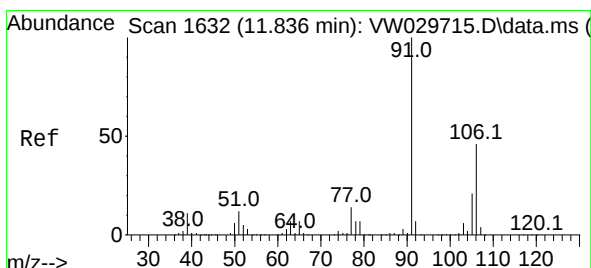
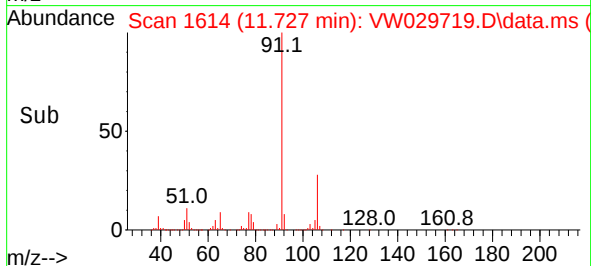
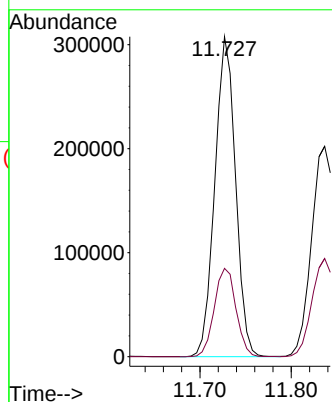
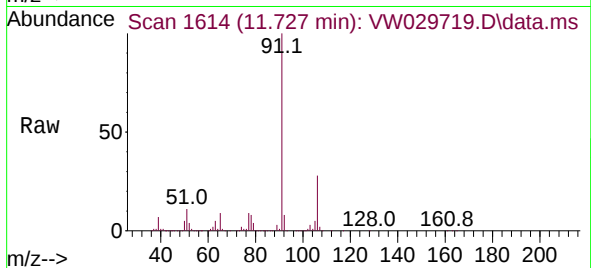
ClientSampleId :

Tgt Ion: 91 Resp: 483331

Ion Ratio Lower Upper

91 100

106 27.6 20.4 38.0



#53

m,p-Xylene

Concen: 26.486 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029719.D

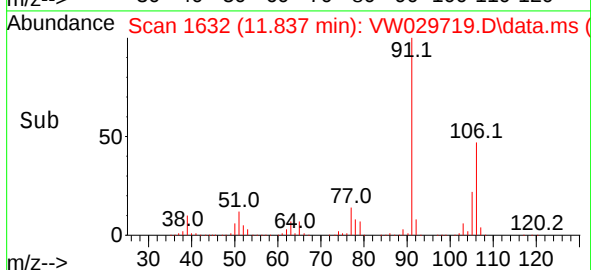
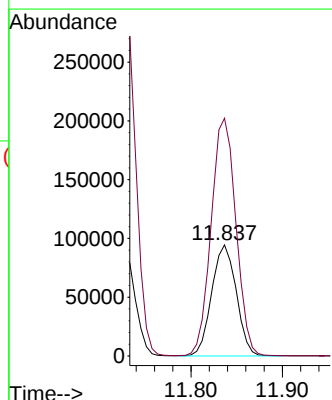
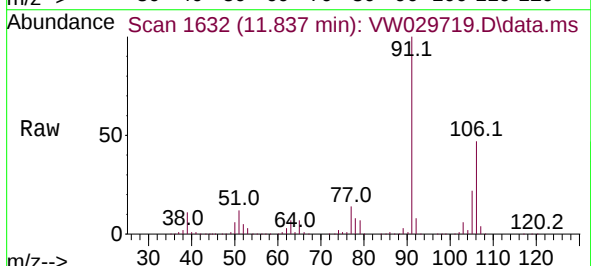
Acq: 24 Jul 2024 18:16

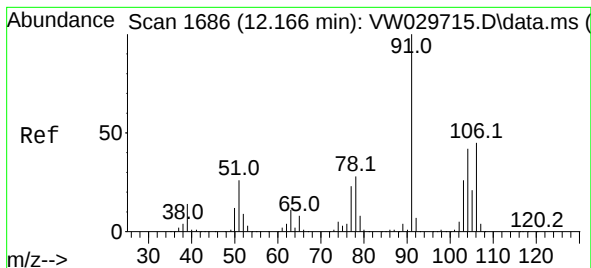
Tgt Ion:106 Resp: 176126

Ion Ratio Lower Upper

106 100

91 214.1 151.4 281.2





#54

o-Xylene

Concen: 26.872 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

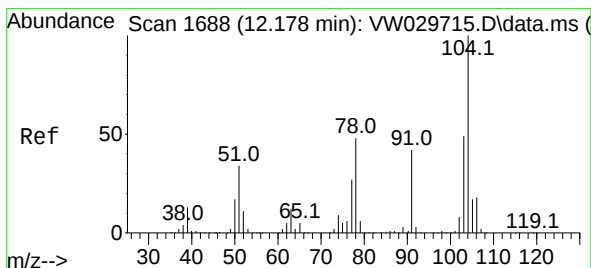
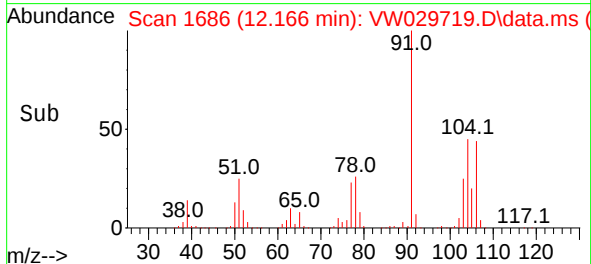
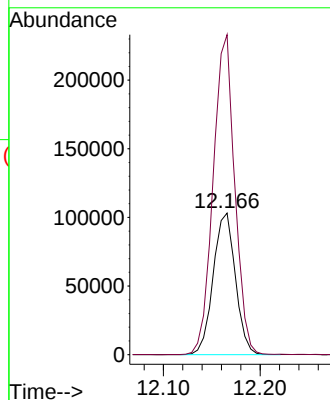
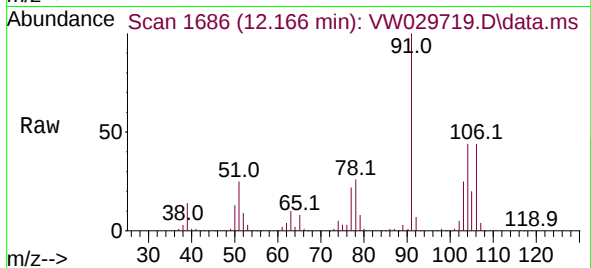
ClientSampleId :

Tgt Ion:106 Resp: 164555

Ion Ratio Lower Upper

106 100

91 225.9 155.8 289.4



#55

Styrene

Concen: 26.536 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029719.D

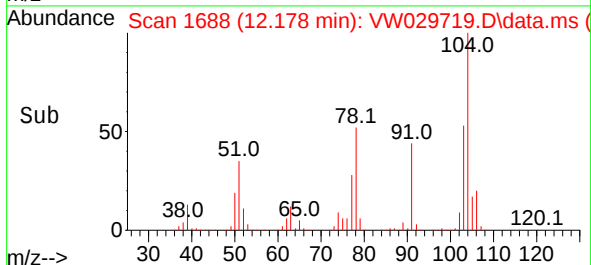
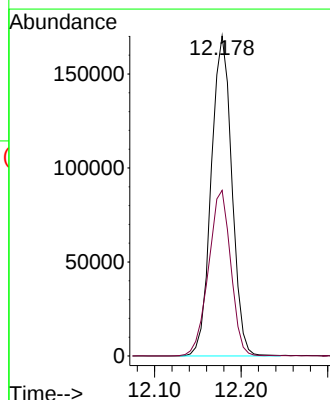
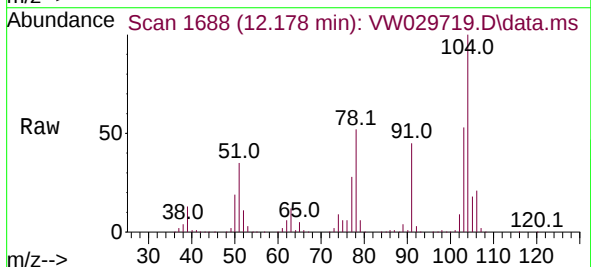
Acq: 24 Jul 2024 18:16

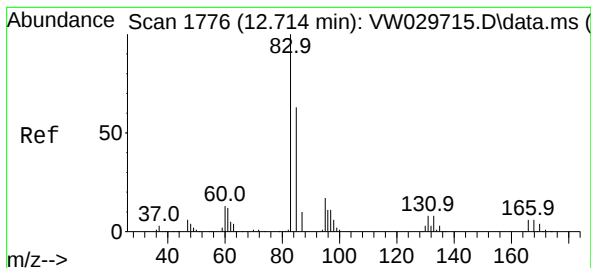
Tgt Ion:104 Resp: 281662

Ion Ratio Lower Upper

104 100

78 51.7 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 25.445 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

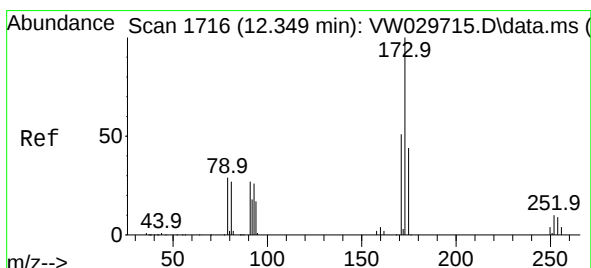
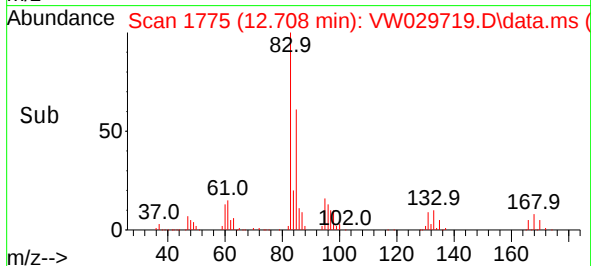
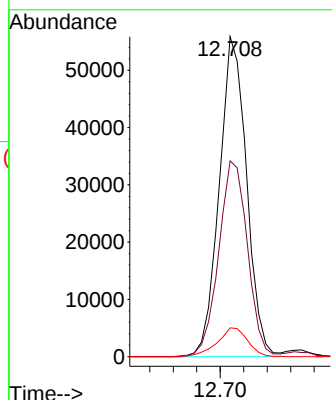
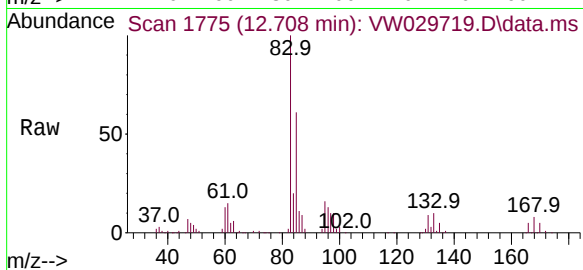
Tgt Ion: 83 Resp: 90287

Ion Ratio Lower Upper

83 100

85 61.2 44.2 82.0

131 9.0 6.2 9.2



#59

Bromoform

Concen: 25.429 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

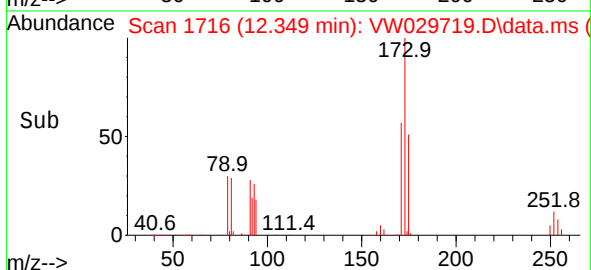
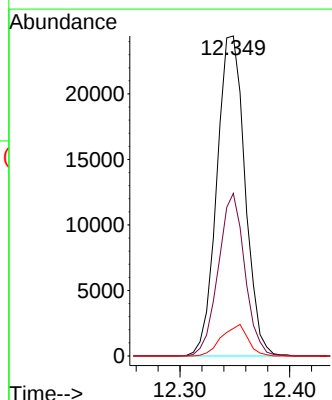
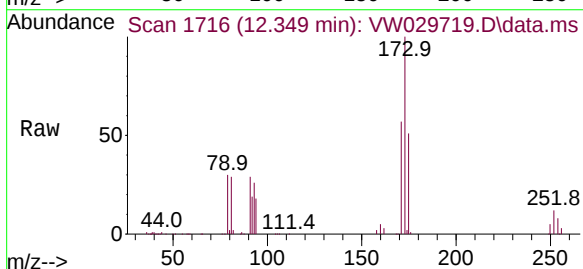
Tgt Ion:173 Resp: 43572

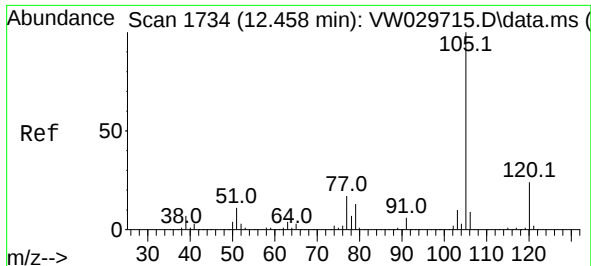
Ion Ratio Lower Upper

173 100

175 47.8 38.1 57.1

254 9.2 7.8 11.6





#60

Isopropylbenzene

Concen: 26.009 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

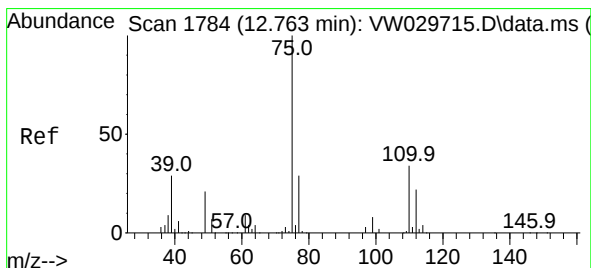
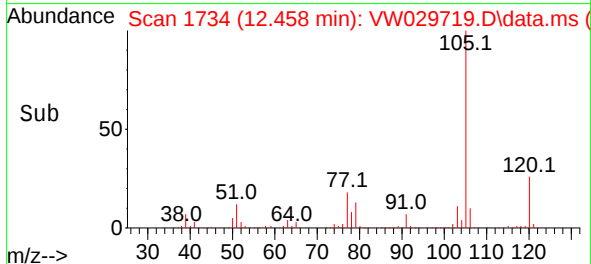
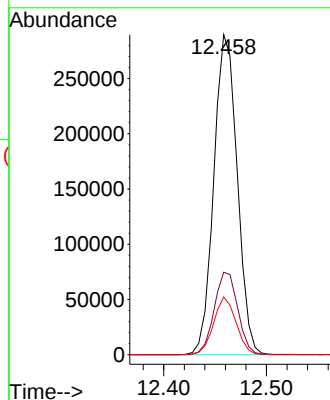
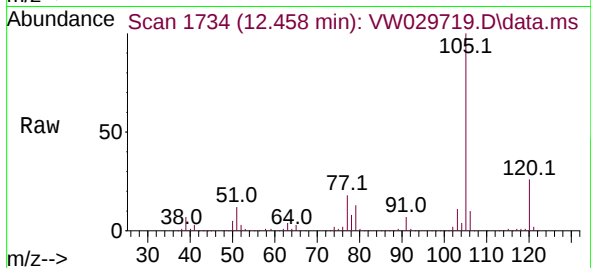
Tgt Ion:105 Resp: 458308

Ion Ratio Lower Upper

105 100

120 25.9 20.3 30.5

77 17.3 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 24.790 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

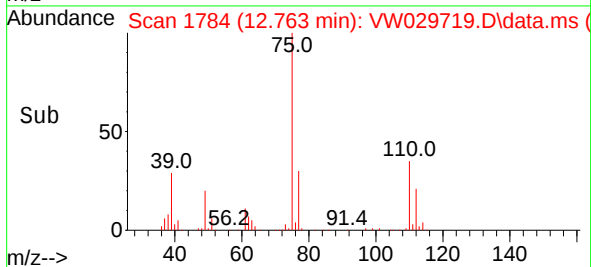
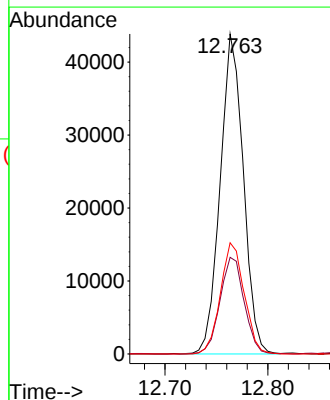
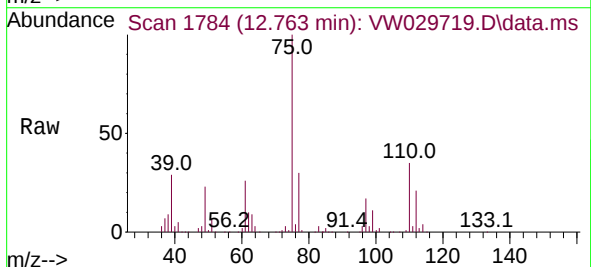
Tgt Ion: 75 Resp: 68656

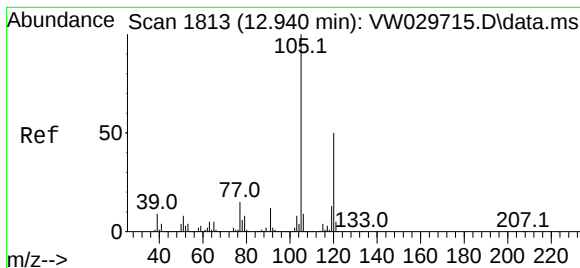
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

110 35.7 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 28.855 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

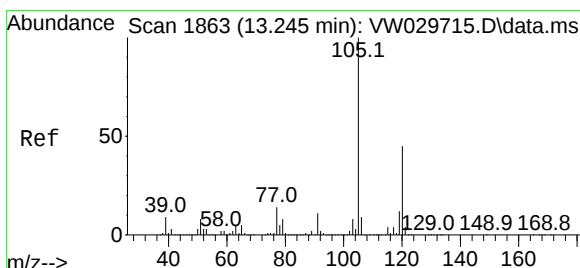
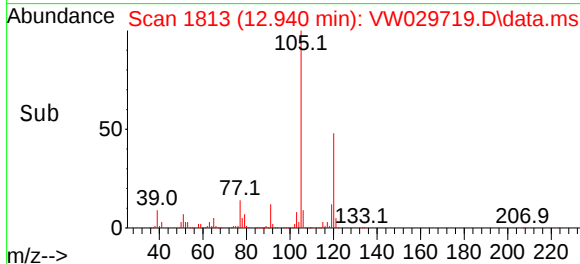
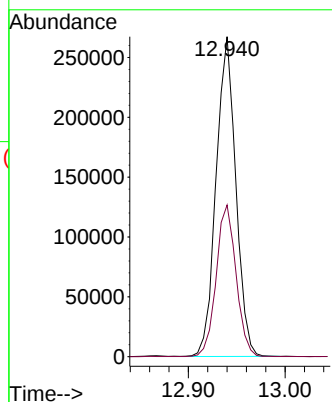
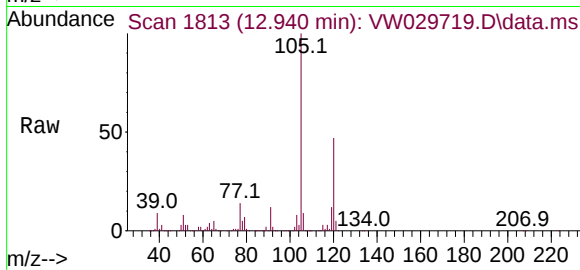
ClientSampleId :

Tgt Ion:105 Resp: 377927

Ion Ratio Lower Upper

105 100

120 47.9 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 26.319 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029719.D

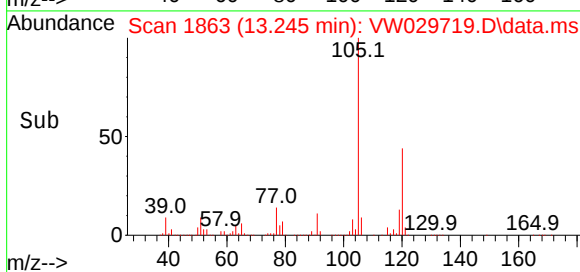
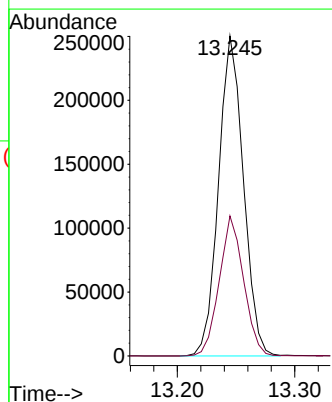
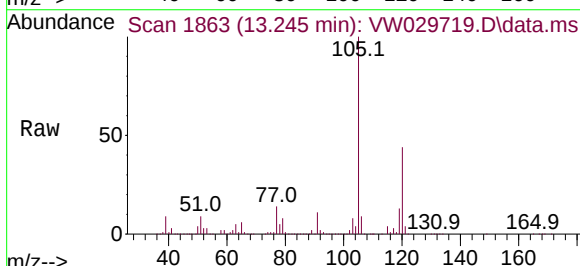
Acq: 24 Jul 2024 18:16

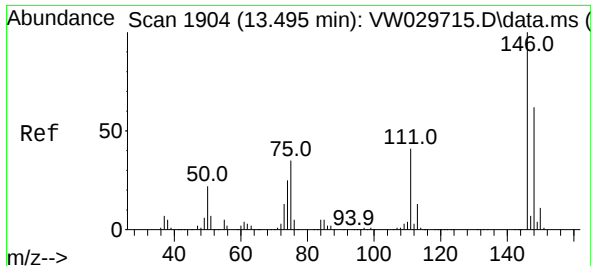
Tgt Ion:105 Resp: 368662

Ion Ratio Lower Upper

105 100

120 42.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 24.673 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

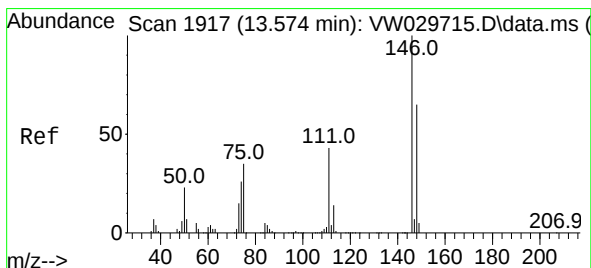
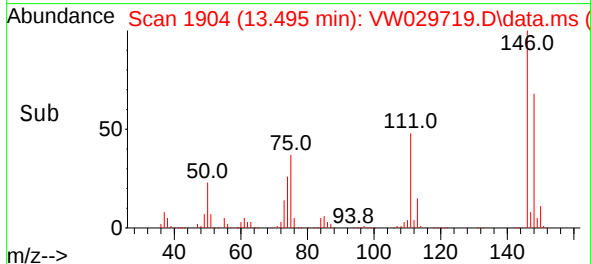
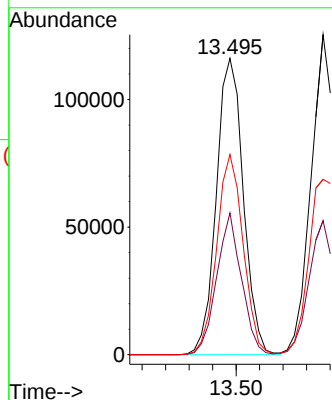
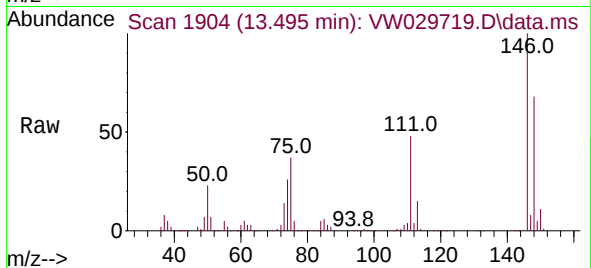
Tgt Ion:146 Resp: 185491

Ion Ratio Lower Upper

146 100

111 47.8 28.7 53.3

148 67.5 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 24.052 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

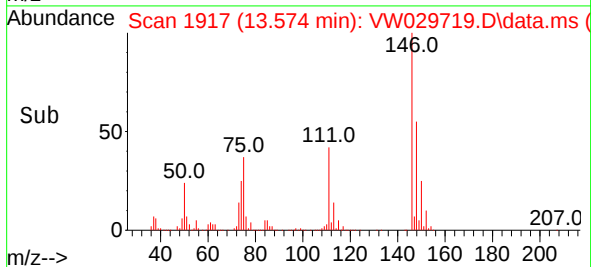
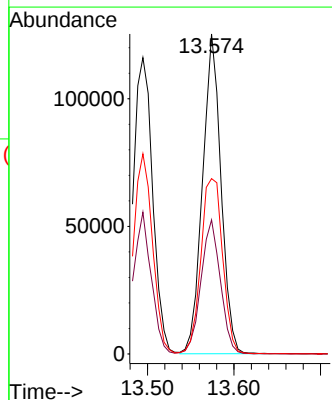
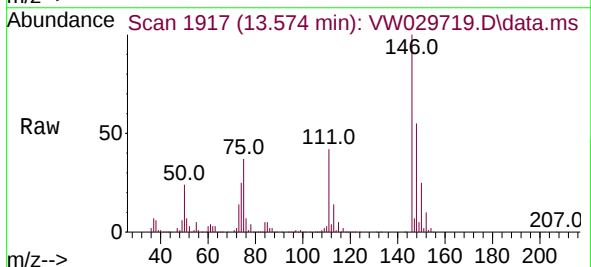
Tgt Ion:146 Resp: 185746

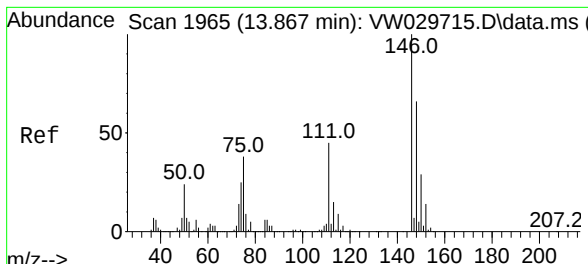
Ion Ratio Lower Upper

146 100

111 41.9 30.1 55.9

148 54.8 45.4 84.4



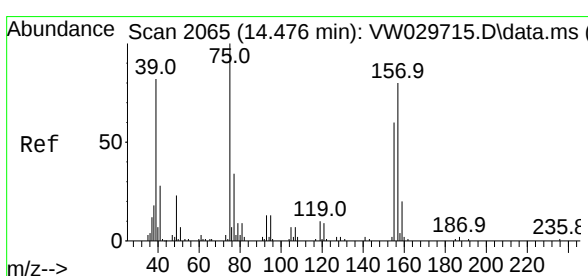
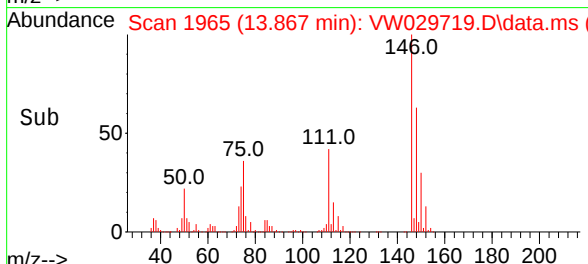
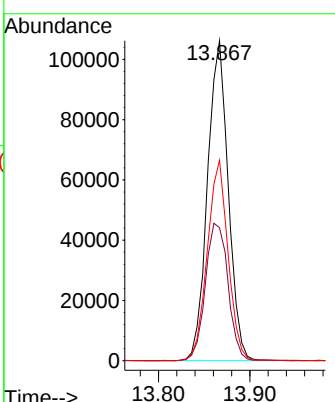
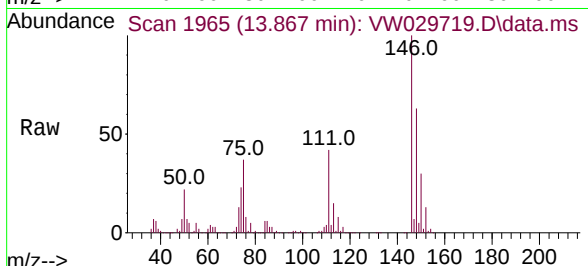


#67
 1,2-Dichlorobenzene
 Concen: 24.473 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW029719.D
 Acq: 24 Jul 2024 18:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 167509

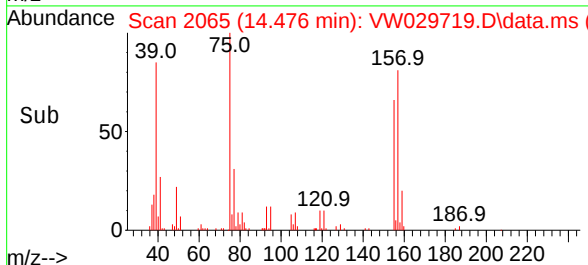
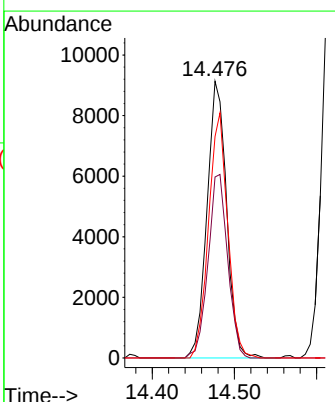
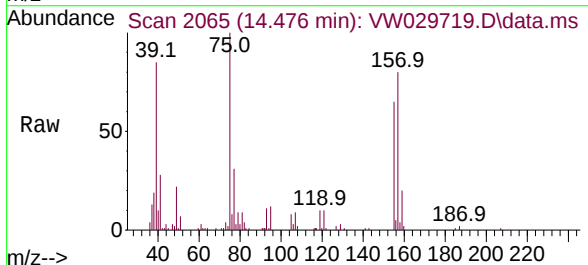
Ion	Ratio	Lower	Upper
146	100		
111	41.6	35.8	53.8
148	62.7	52.6	78.8

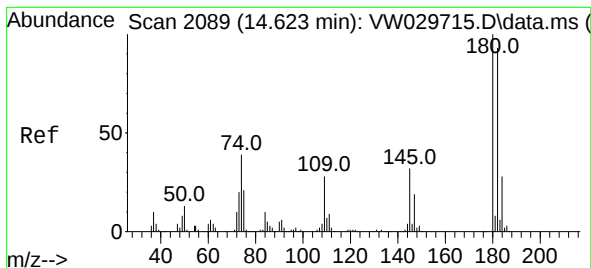


#68
 1,2-Dibromo-3-chloropropane
 Concen: 23.969 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW029719.D
 Acq: 24 Jul 2024 18:16

Tgt Ion: 75 Resp: 15073

Ion	Ratio	Lower	Upper
75	100		
155	65.4	47.8	71.6
157	80.0	63.7	95.5





#69

1,3,5-Trichlorobenzene

Concen: 24.990 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 128541

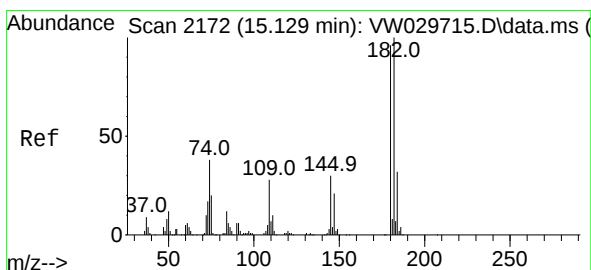
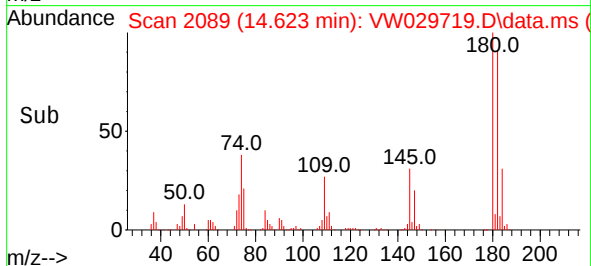
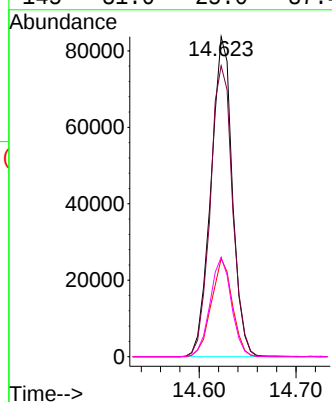
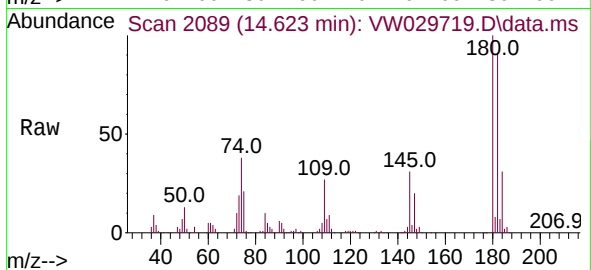
Ion Ratio Lower Upper

180 100

182 94.6 72.7 109.1

184 30.2 23.3 34.9

145 31.0 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.581 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

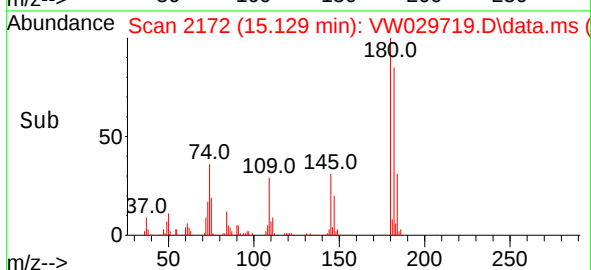
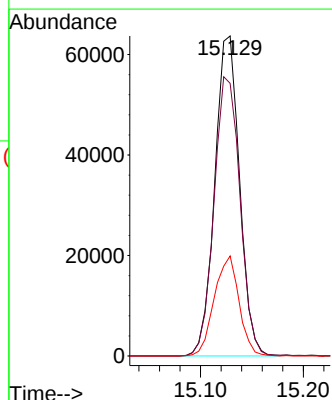
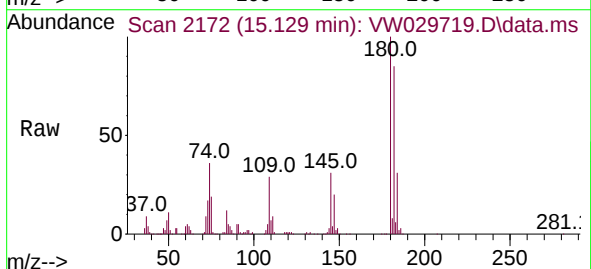
Tgt Ion:180 Resp: 106519

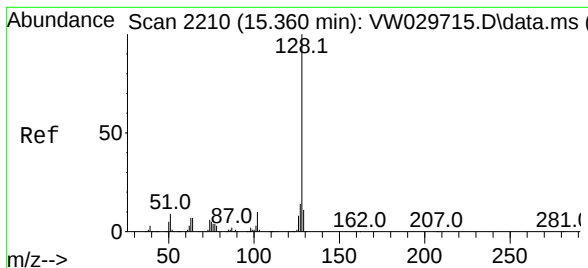
Ion Ratio Lower Upper

180 100

182 91.6 80.2 120.4

145 31.2 26.3 39.5





#71

Naphthalene

Concen: 25.552 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

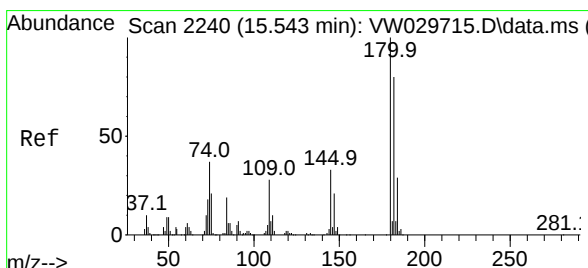
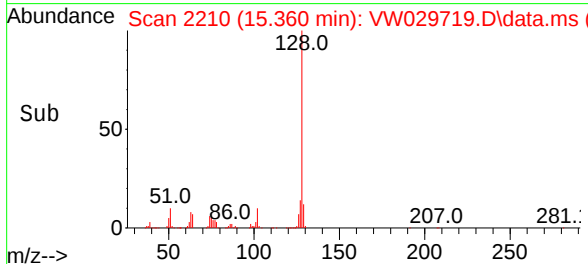
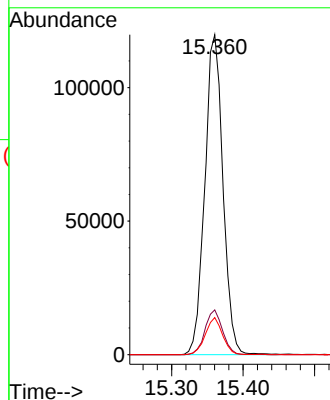
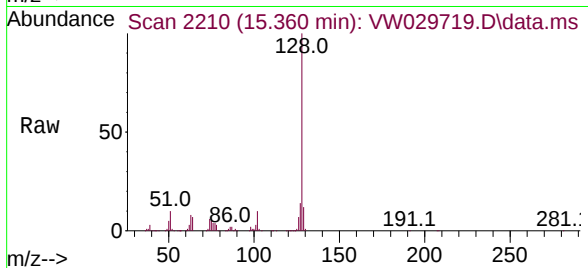
Tgt Ion:128 Resp: 211280

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 23.881 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029719.D

Acq: 24 Jul 2024 18:16

Tgt Ion:180 Resp: 93667

Ion Ratio Lower Upper

180 100

182 96.5 74.0 111.0

145 33.1 27.5 41.3

