

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072424\
 Data File : VW029717.D
 Acq On : 24 Jul 2024 17:04
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 01:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:09:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250966	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	230899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	323355	83.051	ug/L	0.00
7) Chloroethane-d5	2.899	69	239750	85.317	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	160150	90.779	ug/L	0.00
21) 2-Butanone-d5	7.075	46	205026	173.404	ug/L	0.00
24) Chloroform-d	7.648	84	664743	94.361	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	373648	90.658	ug/L	0.00
32) Benzene-d6	8.276	84	1294139	96.462	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	412519	95.951	ug/L	0.00
41) Toluene-d8	10.319	98	1188097	99.972	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	179441	99.080	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	149405	191.157	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	298200	86.199	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	351191	90.267	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	346599	125.696	ug/L	96
3) Chloromethane	2.229	50	475050	134.778	ug/L	99
5) Vinyl chloride	2.375	62	479966	119.995	ug/L	98
6) Bromomethane	2.789	94	265458	115.229	ug/L	98
8) Chloroethane	2.936	64	280663	116.317	ug/L	96
9) Trichlorofluoromethane	3.271	101	430242	122.990	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	359096	105.333	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	355970	110.806	ug/L	93
13) Acetone	4.119	43	228234	184.060	ug/L	99
14) Carbon disulfide	4.393	76	1207817	114.884	ug/L	99
15) Methyl Acetate	4.667	43	204216	94.316	ug/L	100
16) Methylene chloride	4.917	84	373338	81.360	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	378000	107.170	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	637284	106.086	ug/L	99
19) 1,1-Dichloroethane	6.216	63	778830	107.335	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	416338	108.439	ug/L	96
22) 2-Butanone	7.167	43	304763	187.724	ug/L	99
23) Bromochloromethane	7.514	128	169307	99.191	ug/L	96
25) Chloroform	7.673	83	733655	105.119	ug/L	100
27) 1,2-Dichloroethane	8.398	62	516243	99.273	ug/L	99
29) Cyclohexane	7.959	56	721330	121.309	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	593043	110.136	ug/L	97
31) Carbon tetrachloride	8.075	117	530997	107.275	ug/L	96
33) Benzene	8.325	78	1615917	109.713	ug/L	100
34) Trichloroethene	9.093	95	426883	110.256	ug/L	92
35) Methylcyclohexane	9.331	83	738905	116.370	ug/L	99
37) 1,2-Dichloropropane	9.368	63	429574	105.340	ug/L	99
38) Bromodichloromethane	9.642	83	531271	107.089	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	693402	113.898	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	595201	208.640	ug/L	100
42) Toluene	10.386	91	1638802	108.732	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	579339	111.717	ug/L	100

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

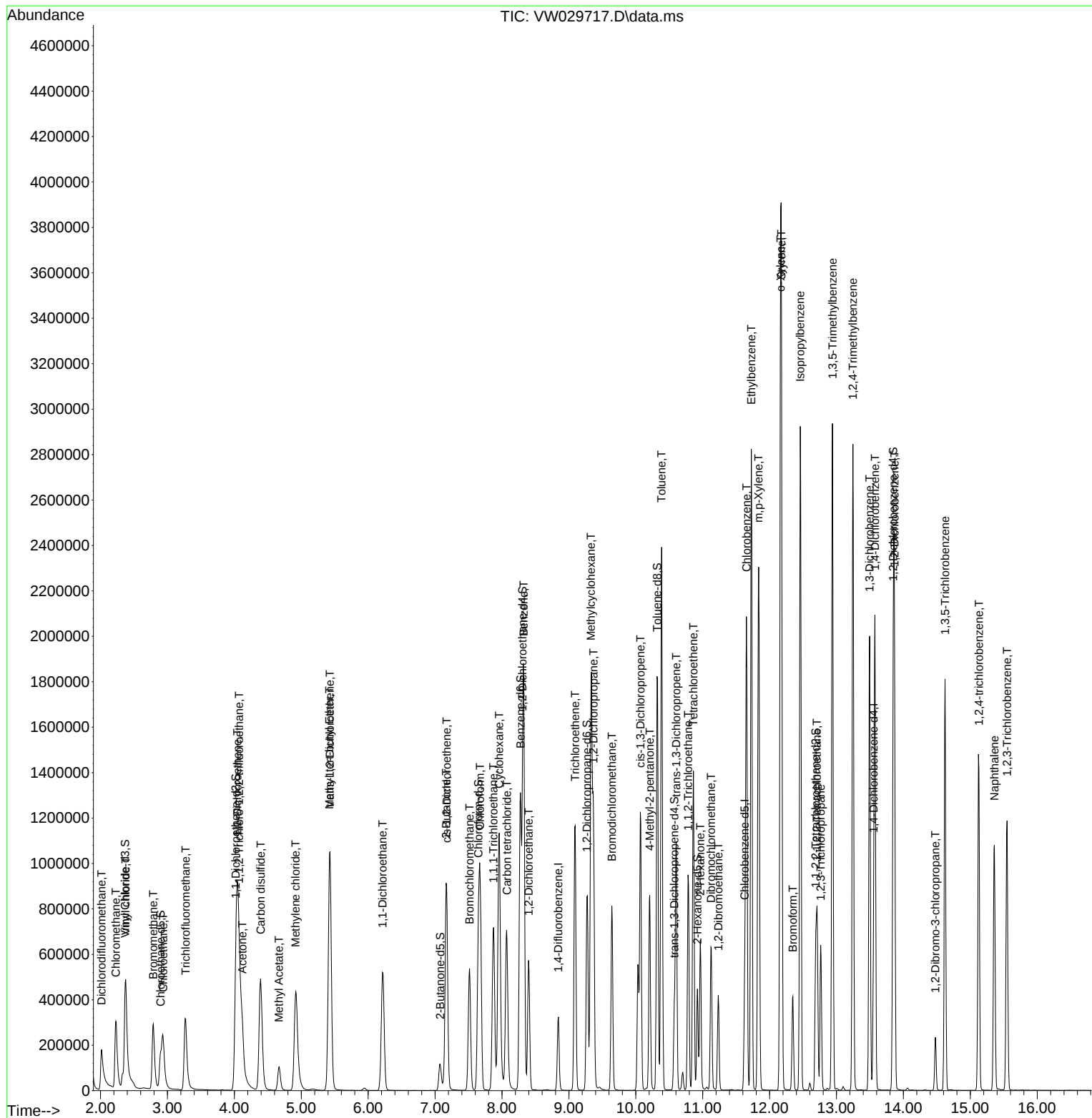
45) 1,1,2-Trichloroethane	10.782	97	285161	98.215	ug/L	94
46) Tetrachloroethene	10.861	164	289586	106.528	ug/L	89
48) 2-Hexanone	10.965	43	432199	203.229	ug/L	99
49) Dibromochloromethane	11.123	129	321059	106.738	ug/L	100
50) 1,2-Dibromoethane	11.233	107	272146	98.774	ug/L	99
51) Chlorobenzene	11.654	112	987398	101.994	ug/L	98
52) Ethylbenzene	11.727	91	1897129	111.636	ug/L	98
53) m,p-Xylene	11.837	106	693413	110.957	ug/L	96
54) o-Xylene	12.166	106	651015	112.992	ug/L	100
55) Styrene	12.178	104	1120333	110.025	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	345491	94.503	ug/L #	98
59) Bromoform	12.349	173	176374	98.443	ug/L	96
60) Isopropylbenzene	12.458	105	1781652	107.494	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	259430	92.106	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1492526	124.755	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1476429	113.612	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	728101	98.672	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	721933	95.945	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	656450	98.435	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	60545	90.676	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	490894	100.985	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	428083	102.030	ug/L	96
71) Naphthalene	15.360	128	877300	99.322	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	361209	95.190	ug/L	100

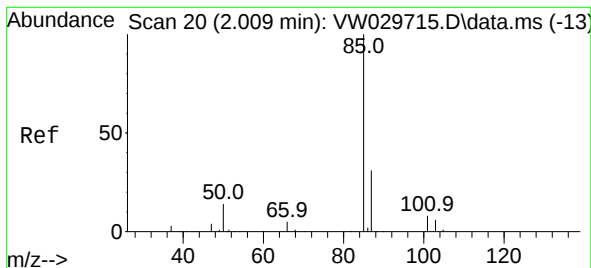
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#2

Dichlorodifluoromethane

Concen: 125.696 ug/L

RT: 2.015 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

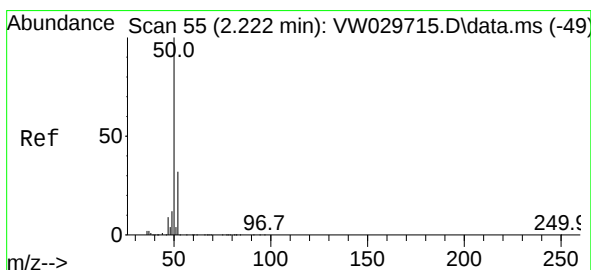
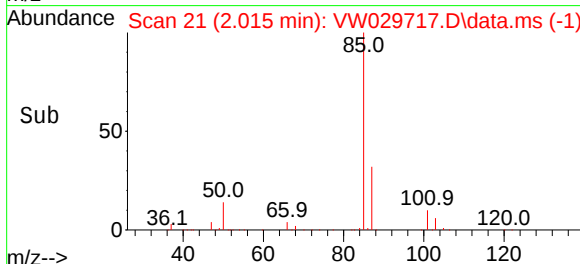
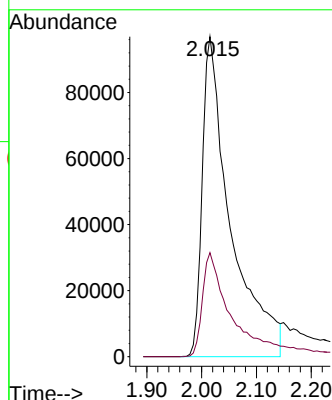
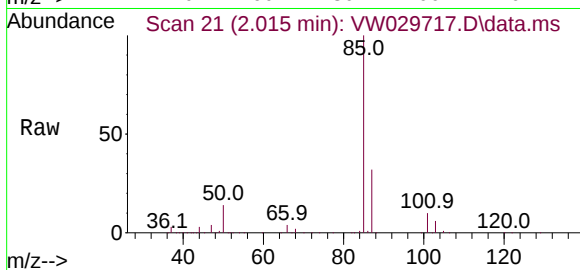
ClientSampleId :

Tgt Ion: 85 Resp: 346599

Ion Ratio Lower Upper

85 100

87 33.9 25.5 38.3



#3

Chloromethane

Concen: 134.778 ug/L

RT: 2.229 min Scan# 56

Delta R.T. 0.006 min

Lab File: VW029717.D

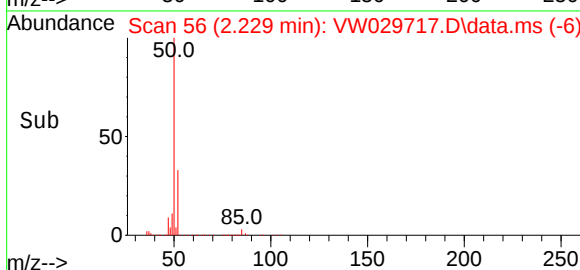
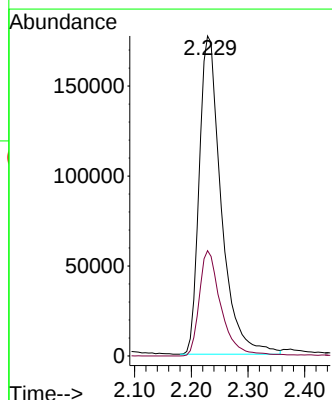
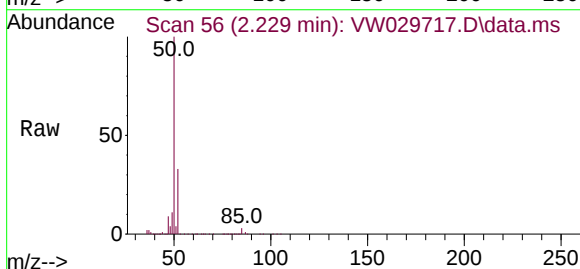
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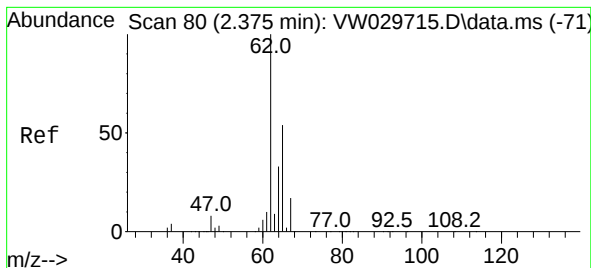
Tgt Ion: 50 Resp: 475050

Ion Ratio Lower Upper

50 100

52 32.9 22.5 41.9





#5

Vinyl chloride

Concen: 119.995 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

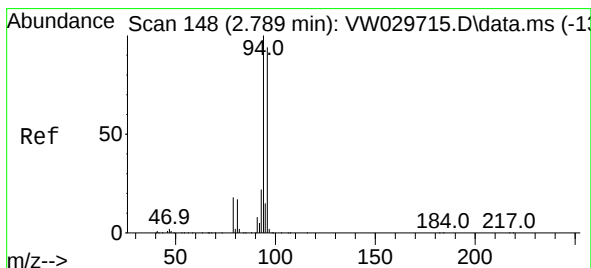
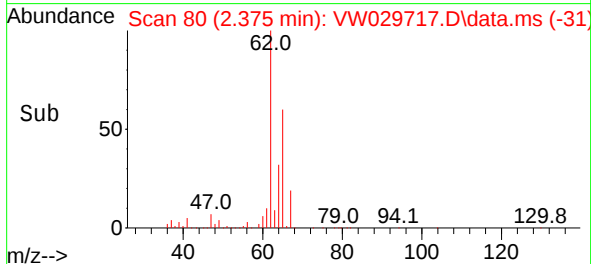
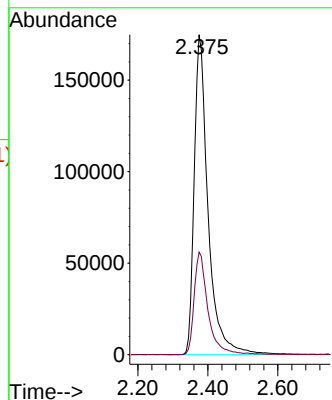
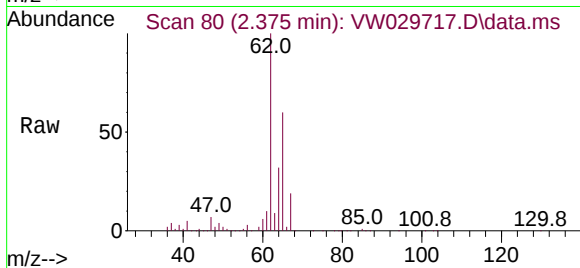
ClientSampleId :

Tgt Ion: 62 Resp: 479966

Ion Ratio Lower Upper

62 100

64 32.1 23.2 43.2



#6

Bromomethane

Concen: 115.229 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW029717.D

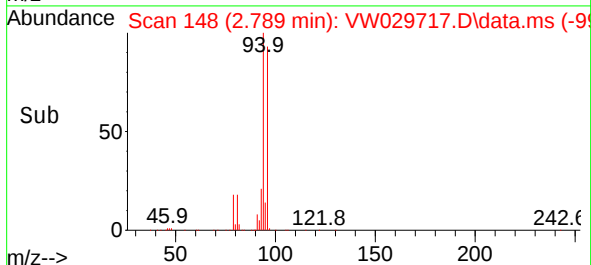
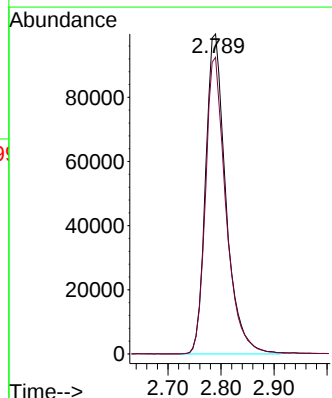
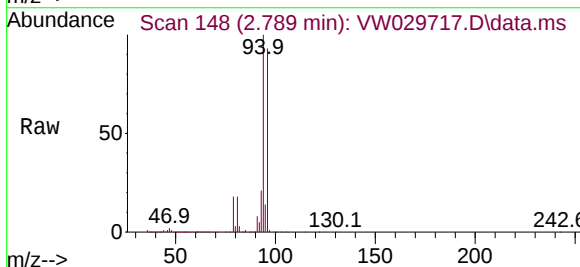
Acq: 24 Jul 2024 17:04

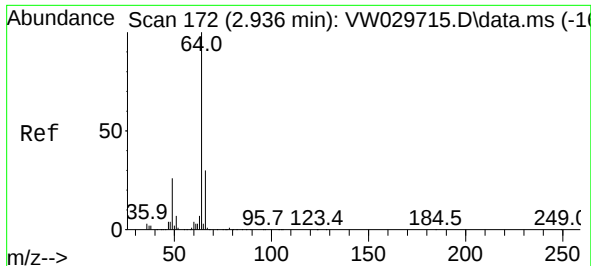
Tgt Ion: 94 Resp: 265458

Ion Ratio Lower Upper

94 100

96 92.7 66.2 123.0

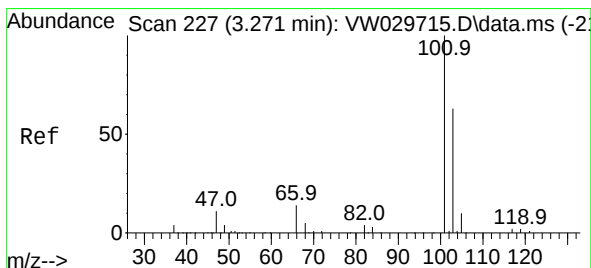
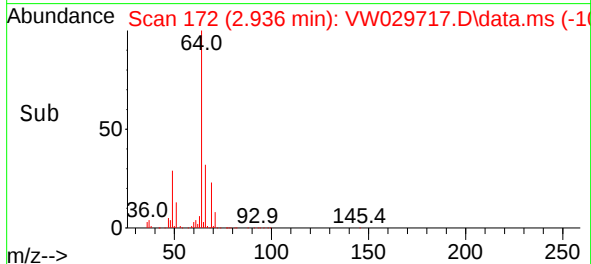
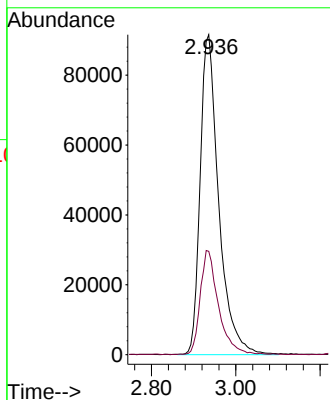
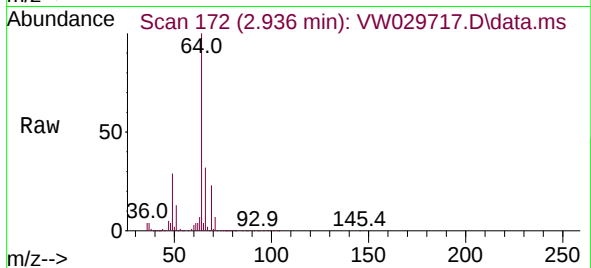




#8
Chloroethane
Concen: 116.317 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

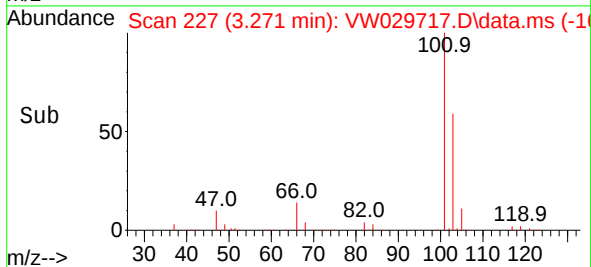
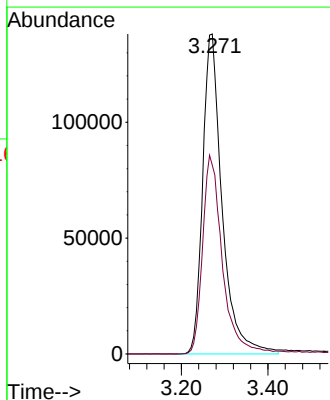
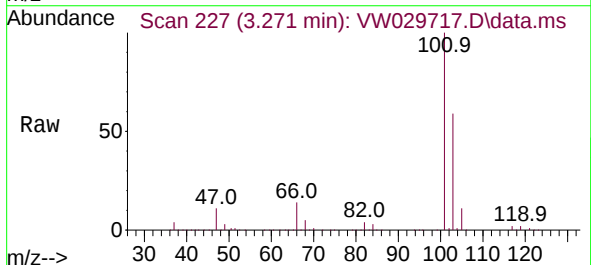
Instrument :
MSVOA_W
ClientSampleId :

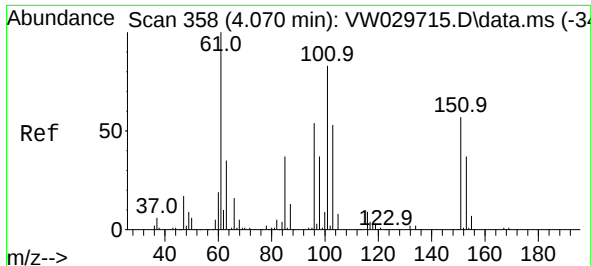
Tgt Ion: 64 Resp: 280663
Ion Ratio Lower Upper
64 100
66 32.3 21.2 39.4



#9
Trichlorofluoromethane
Concen: 122.990 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Tgt Ion:101 Resp: 430242
Ion Ratio Lower Upper
101 100
103 62.9 51.0 76.4





#10

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

Concen: 105.333 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

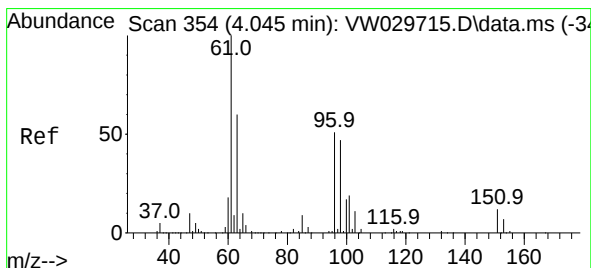
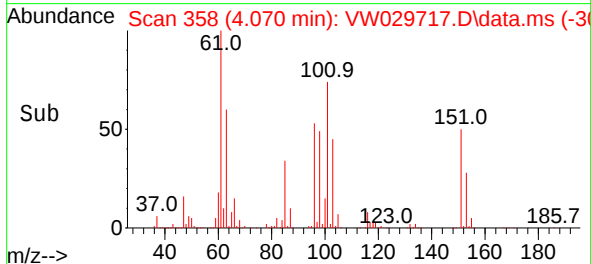
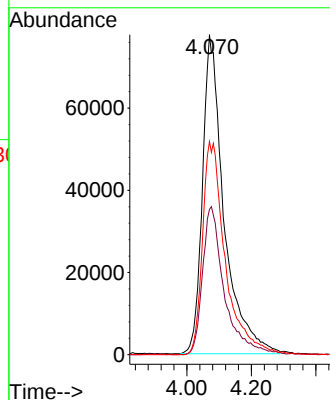
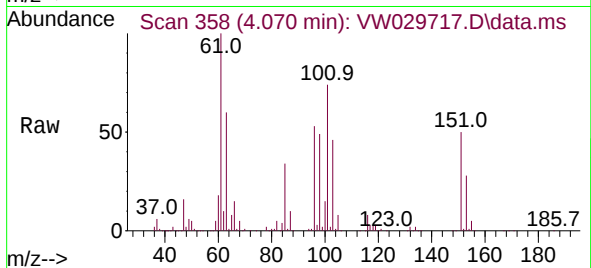
Tgt Ion:101 Resp: 359096

Ion Ratio Lower Upper

101 100

85 46.8 34.2 51.4

151 29.1 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 110.806 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

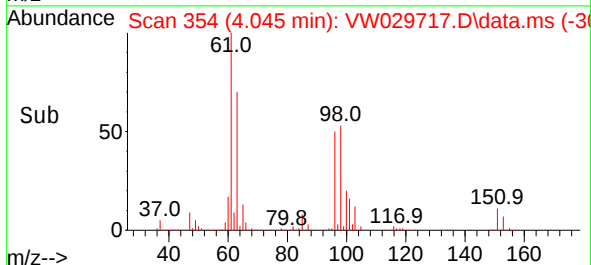
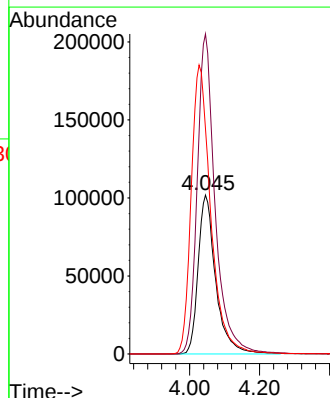
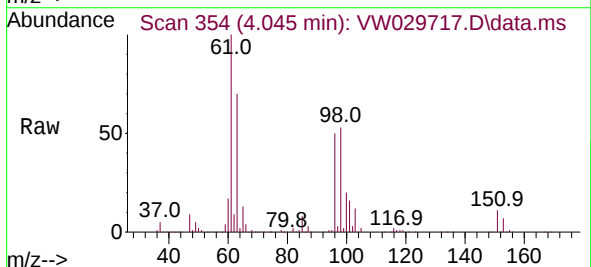
Tgt Ion: 96 Resp: 355970

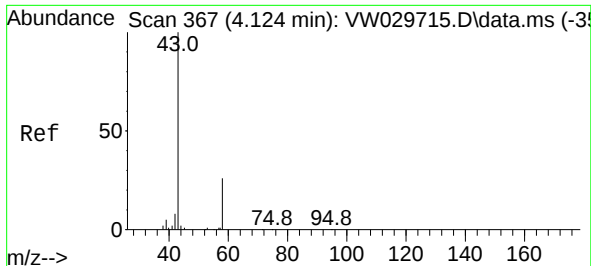
Ion Ratio Lower Upper

96 100

61 201.4 138.3 256.9

63 141.8 89.0 165.4

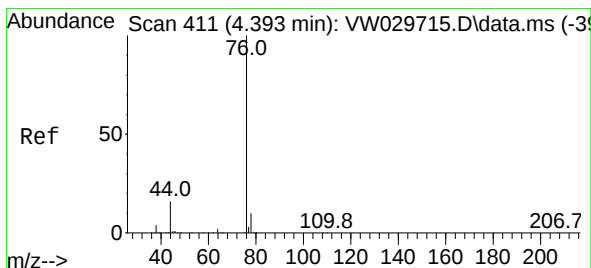
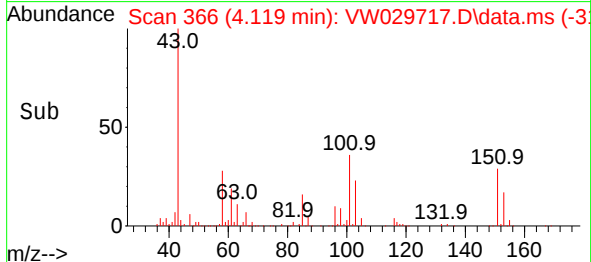
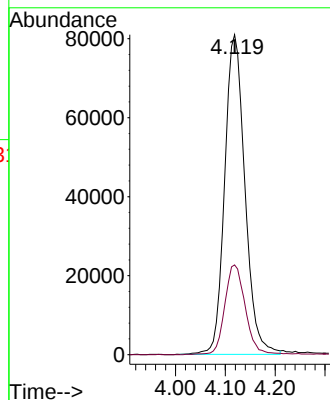
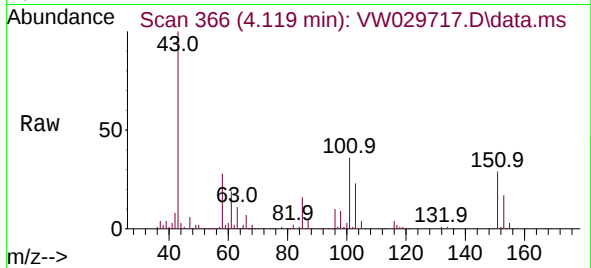




#13
Acetone
Concen: 184.060 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

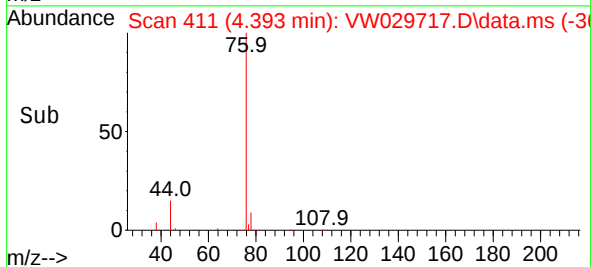
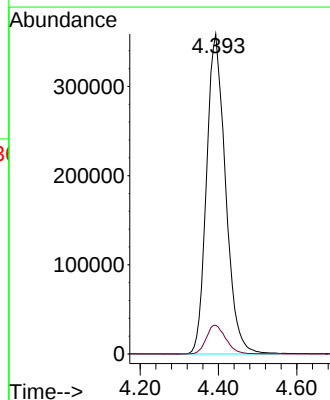
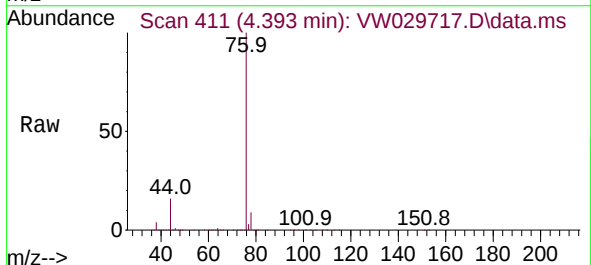
Instrument :
MSVOA_W
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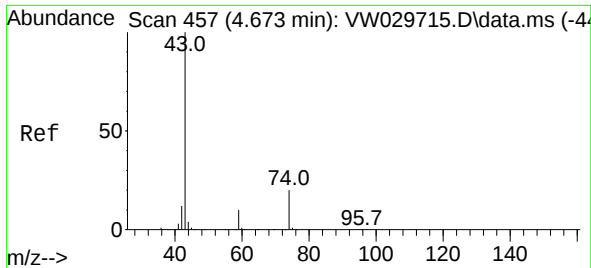
Tgt Ion: 43 Resp: 228234
Ion Ratio Lower Upper
43 100
58 28.3 0.0 57.6



#14
Carbon disulfide
Concen: 114.884 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Tgt Ion: 76 Resp: 1207817
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

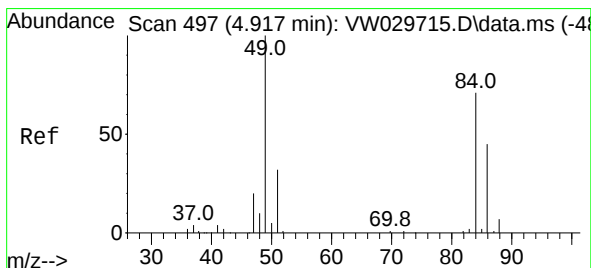
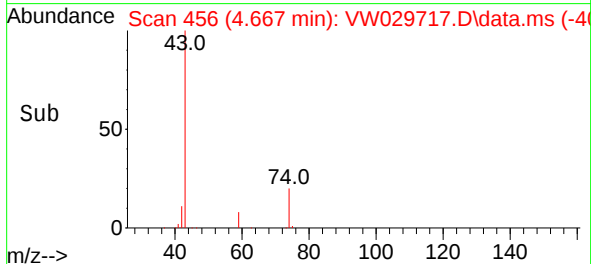
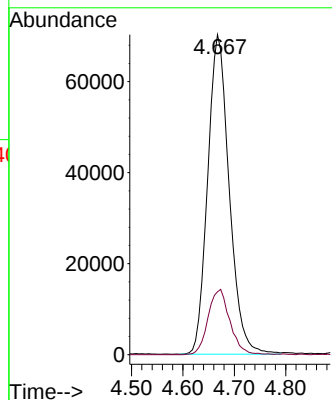
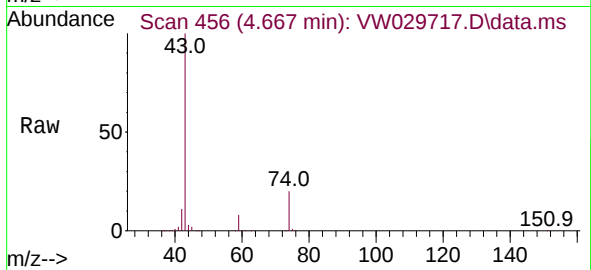




#15
Methyl Acetate
Concen: 94.316 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

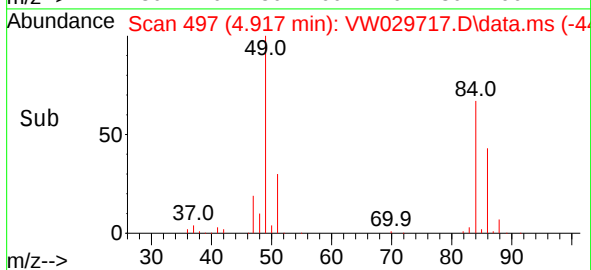
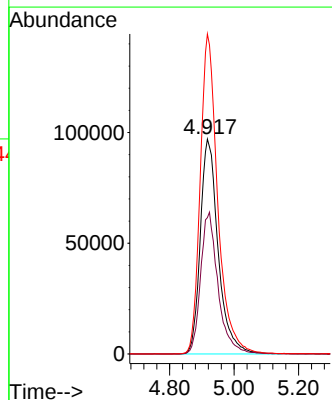
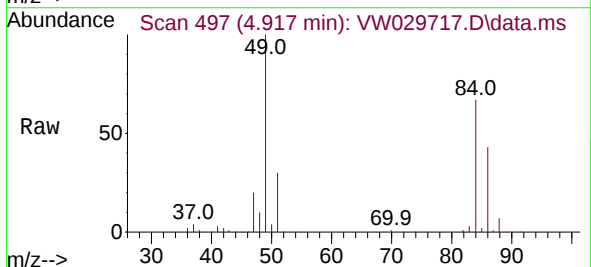
Instrument :
MSVOA_W
ClientSampleId :

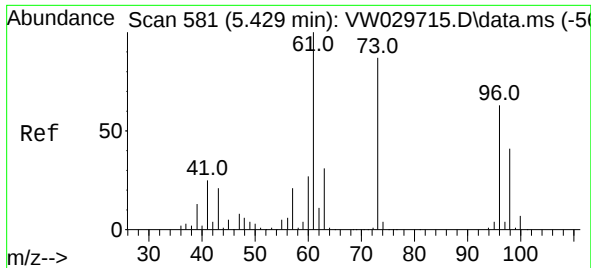
Tgt Ion: 43 Resp: 204216
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7



#16
Methylene chloride
Concen: 81.360 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Tgt Ion: 84 Resp: 373338
Ion Ratio Lower Upper
84 100
86 63.4 44.7 82.9
49 148.9 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 107.170 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

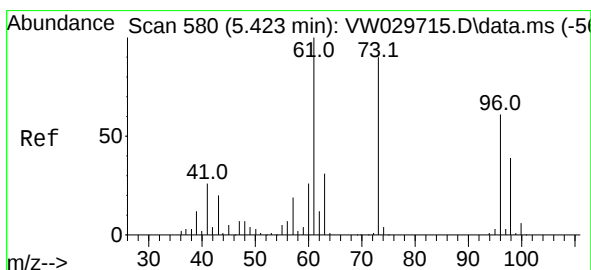
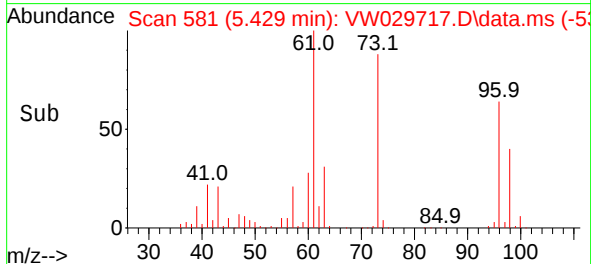
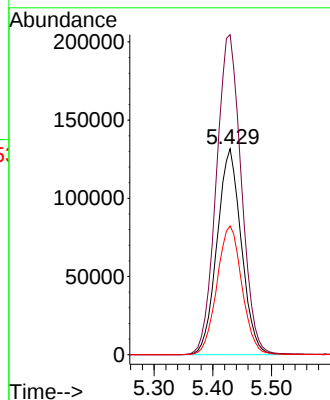
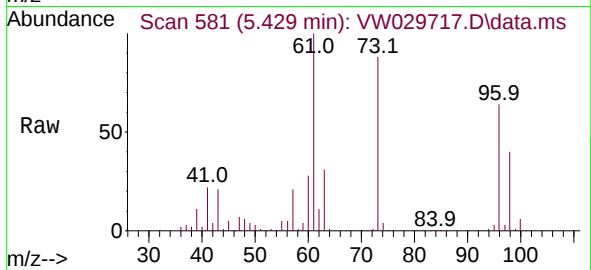
Tgt Ion: 96 Resp: 378000

Ion Ratio Lower Upper

96 100

61 155.3 111.2 206.6

98 62.5 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 106.086 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

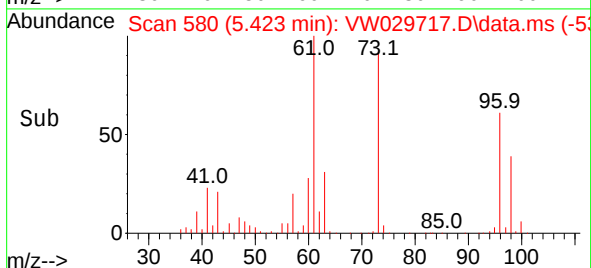
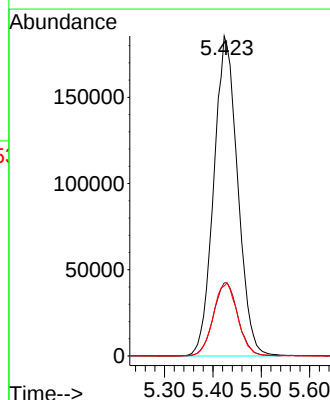
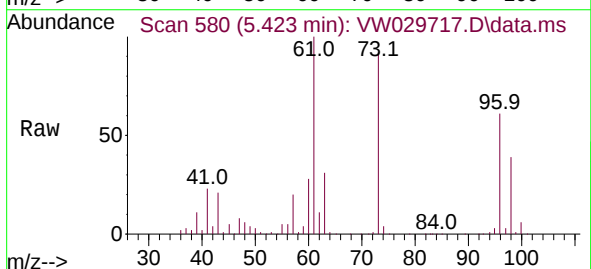
Tgt Ion: 73 Resp: 637284

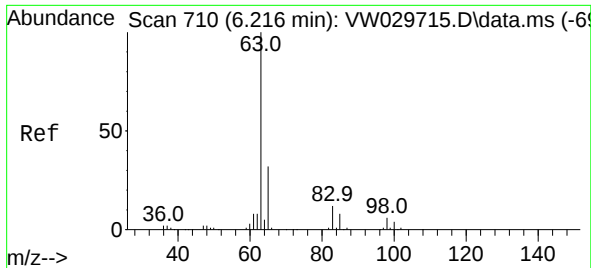
Ion Ratio Lower Upper

73 100

43 23.3 18.3 27.5

57 23.2 17.9 26.9





#19

1,1-Dichloroethane

Concen: 107.335 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

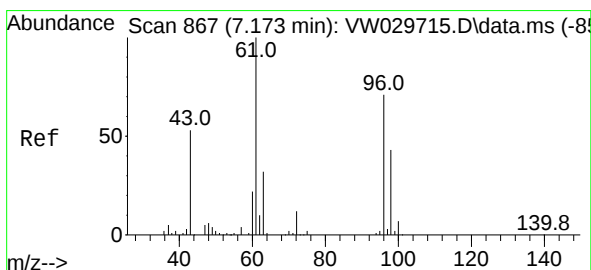
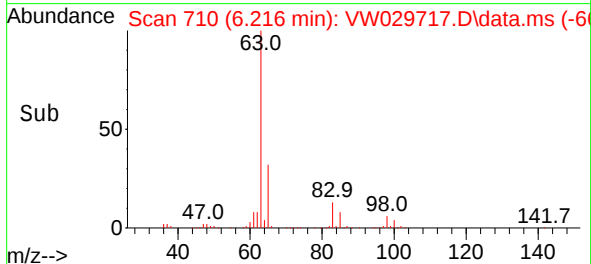
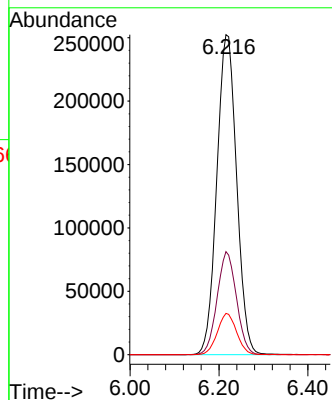
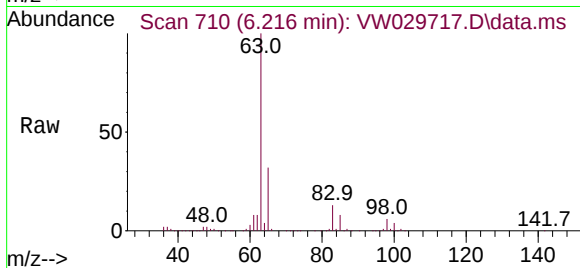
Tgt Ion: 63 Resp: 778830

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.3

83 12.9 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 108.439 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

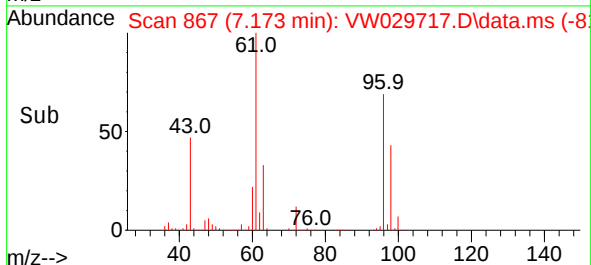
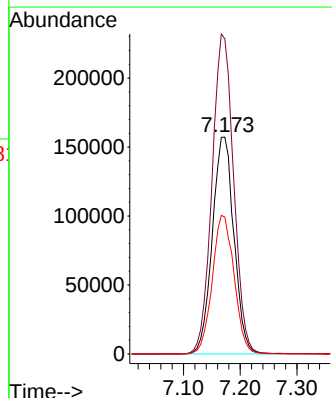
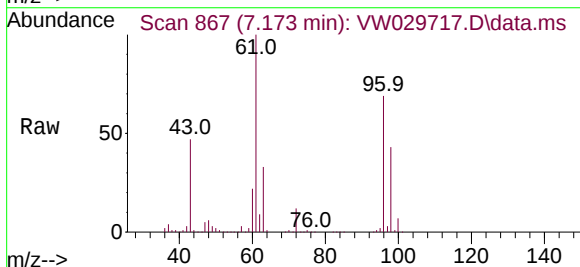
Tgt Ion: 96 Resp: 416338

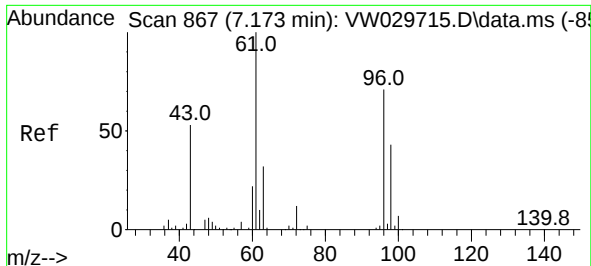
Ion Ratio Lower Upper

96 100

61 145.3 98.2 182.4

98 63.2 41.9 77.9





#22

2-Butanone

Concen: 187.724 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

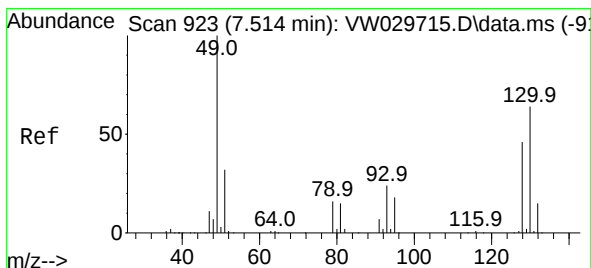
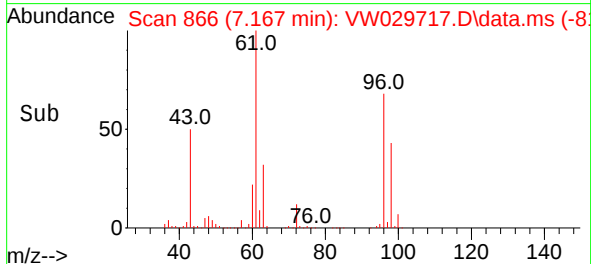
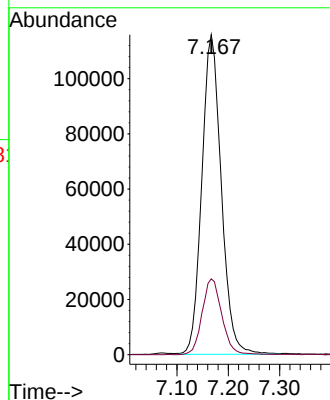
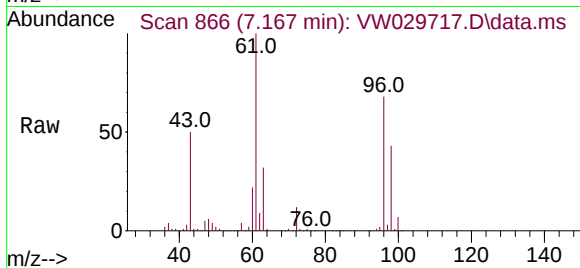
ClientSampleId :

Tgt Ion: 43 Resp: 304763

Ion Ratio Lower Upper

43 100

72 23.9 11.7 35.1



#23

Bromochloromethane

Concen: 99.191 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Tgt Ion:128 Resp: 169307

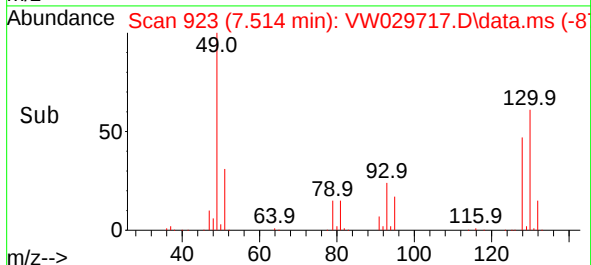
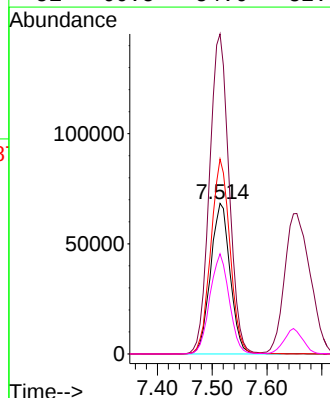
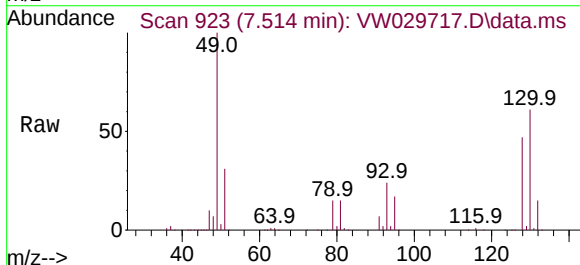
Ion Ratio Lower Upper

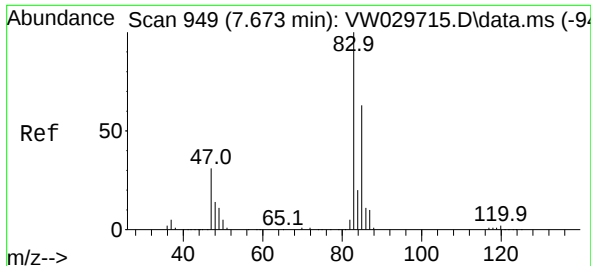
128 100

49 212.6 151.1 280.7

130 129.5 96.8 179.8

51 66.5 54.6 82.0





#25

Chloroform

Concen: 105.119 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

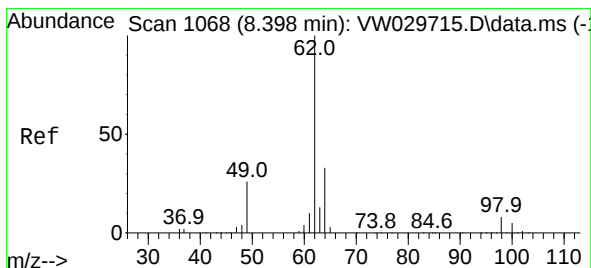
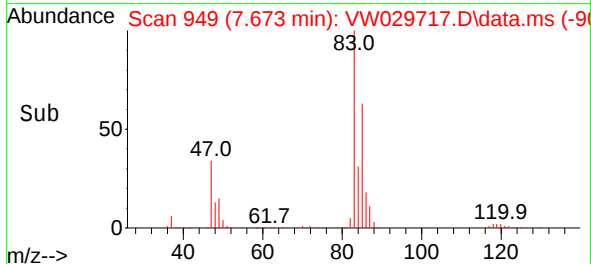
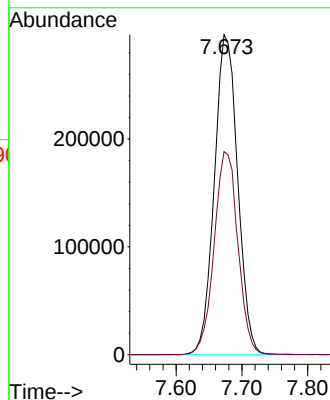
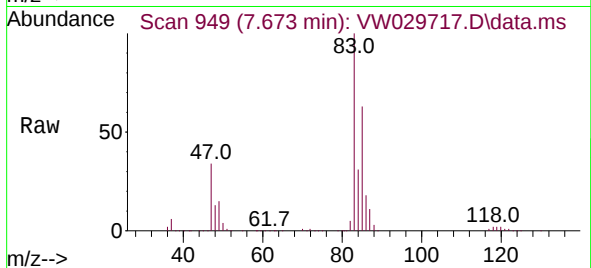
ClientSampleId :

Tgt Ion: 83 Resp: 733655

Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.4



#27

1,2-Dichloroethane

Concen: 99.273 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029717.D

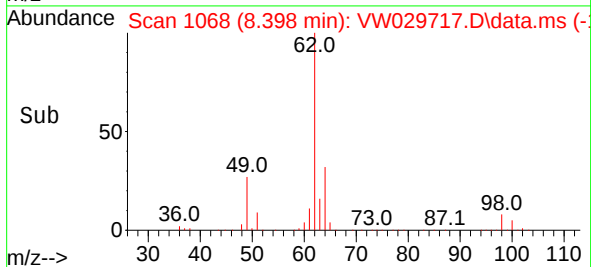
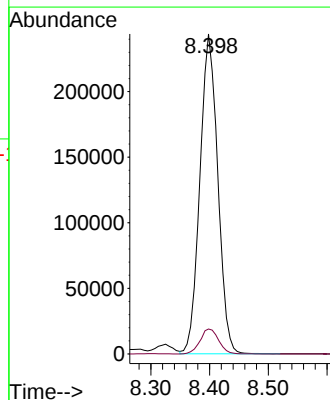
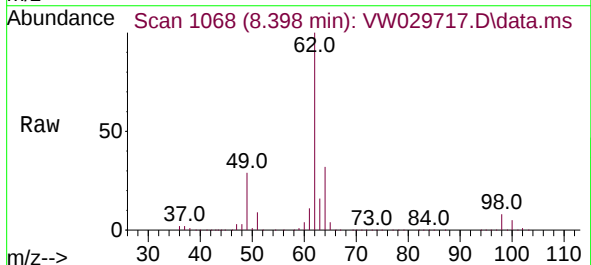
Acq: 24 Jul 2024 17:04

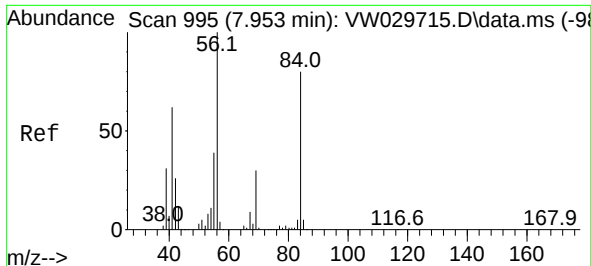
Tgt Ion: 62 Resp: 516243

Ion Ratio Lower Upper

62 100

98 7.8 6.6 10.0





#29

Cyclohexane

Concen: 121.309 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

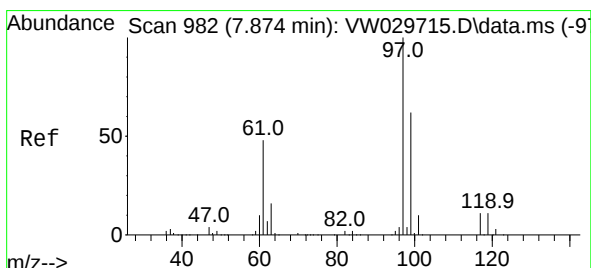
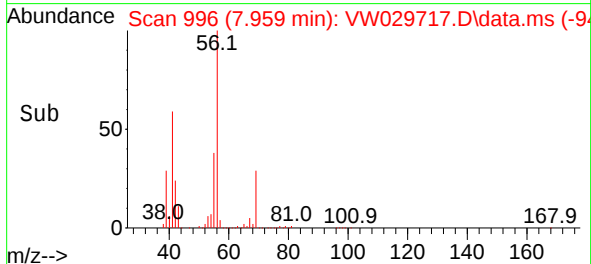
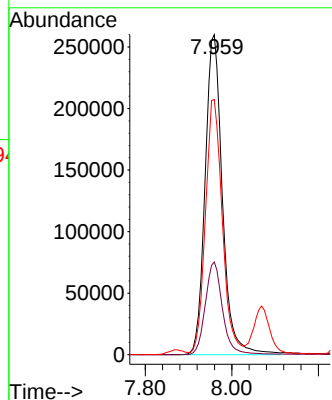
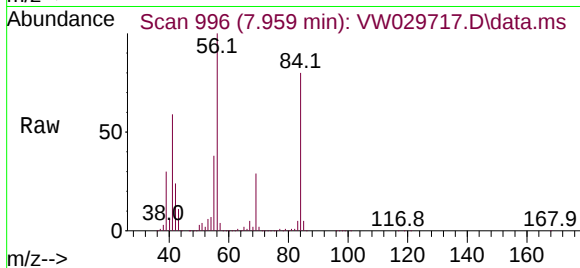
Tgt Ion: 56 Resp: 721330

Ion Ratio Lower Upper

56 100

69 28.7 23.0 34.4

84 77.7 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 110.136 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

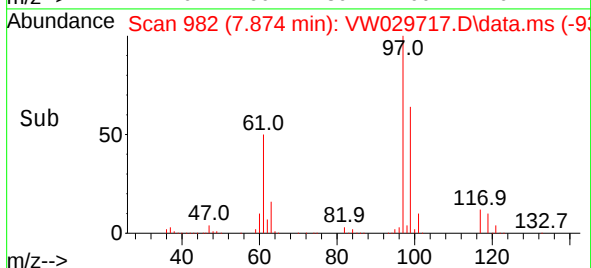
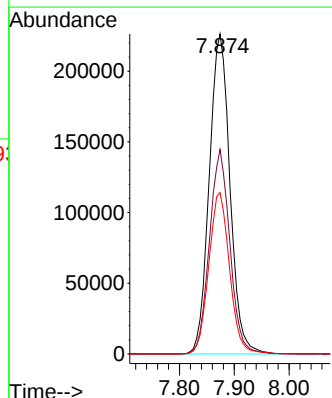
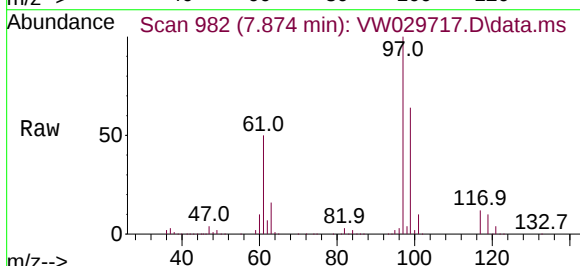
Tgt Ion: 97 Resp: 593043

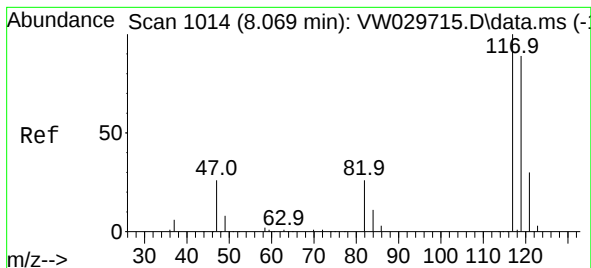
Ion Ratio Lower Upper

97 100

99 63.1 52.1 78.1

61 50.8 42.6 63.8





#31

Carbon tetrachloride

Concen: 107.275 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

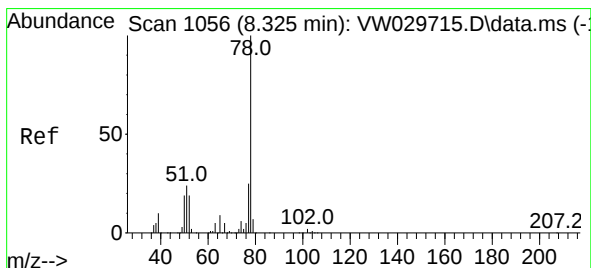
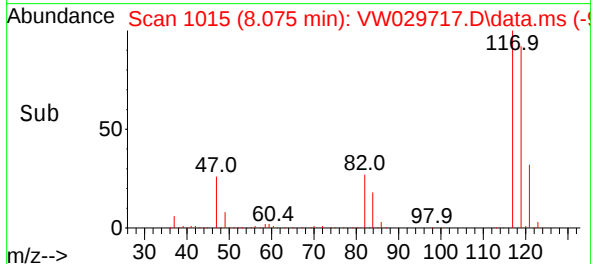
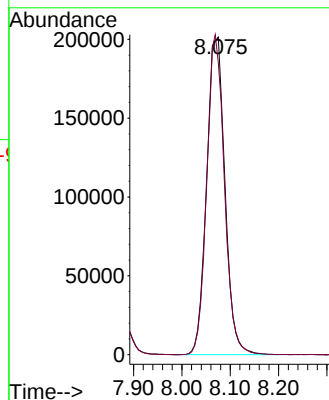
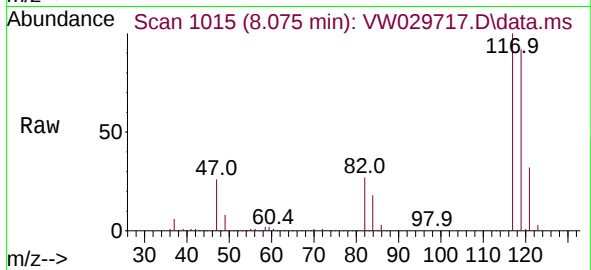
ClientSampleId :

Tgt Ion:117 Resp: 530997

Ion Ratio Lower Upper

117 100

119 97.0 74.8 112.2



#33

Benzene

Concen: 109.713 ug/L

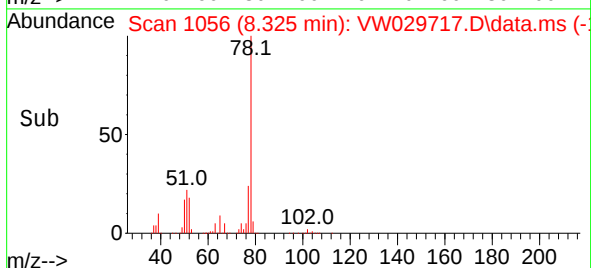
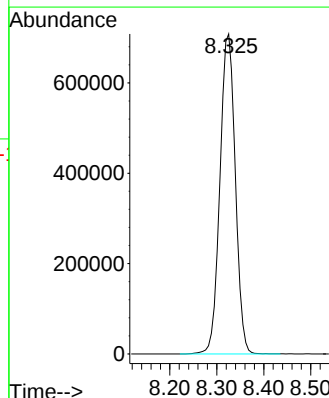
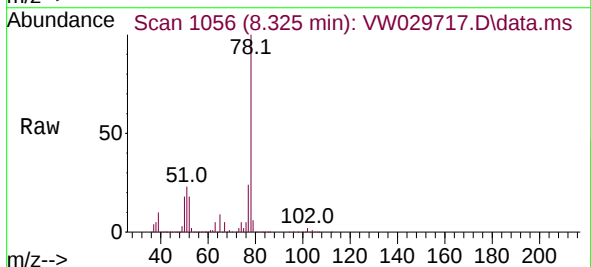
RT: 8.325 min Scan# 1056

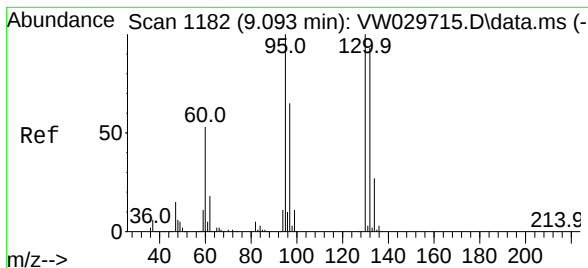
Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Tgt Ion: 78 Resp: 1615917





#34

Trichloroethene

Concen: 110.256 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 426883

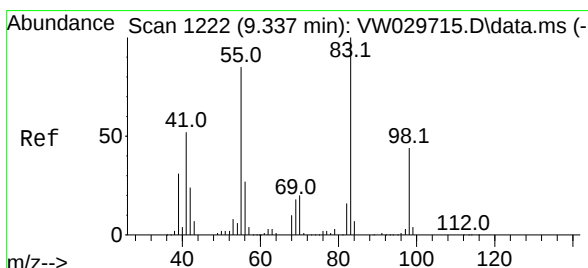
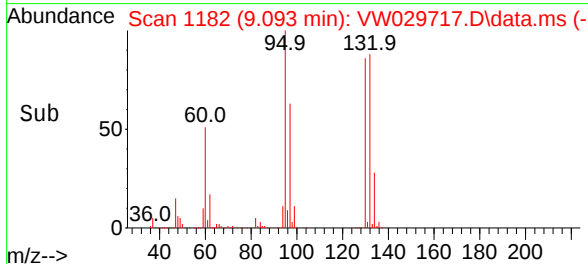
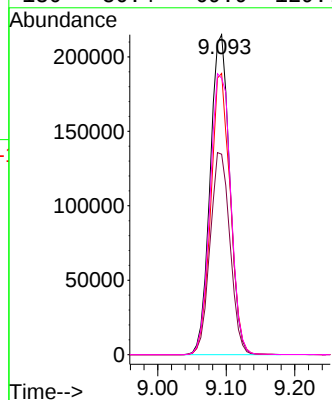
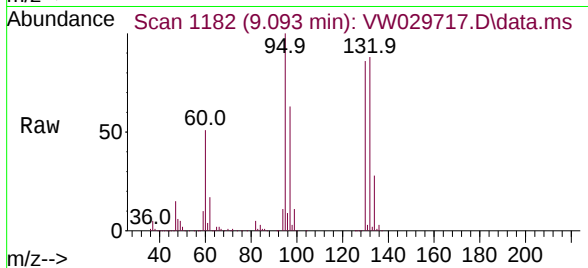
Ion Ratio Lower Upper

95 100

97 62.7 45.6 84.8

132 87.9 65.2 121.0

130 86.4 69.9 129.7



#35

Methylcyclohexane

Concen: 116.370 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

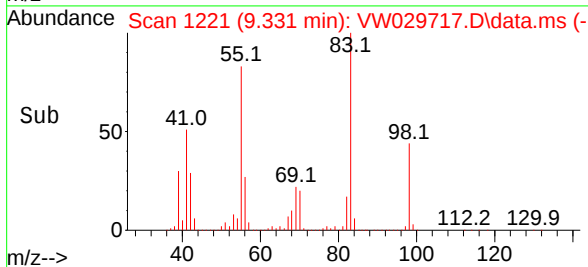
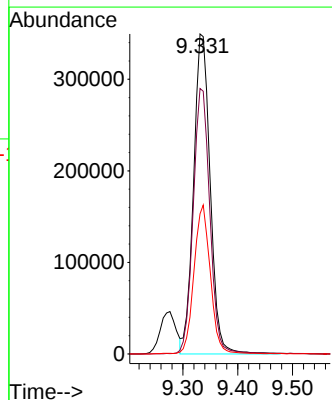
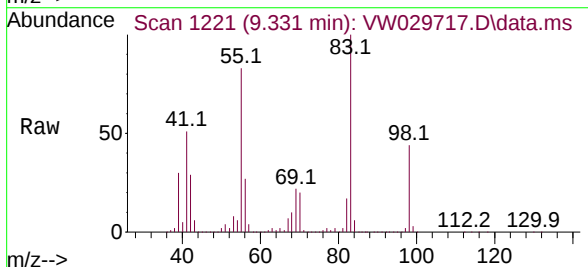
Tgt Ion: 83 Resp: 738905

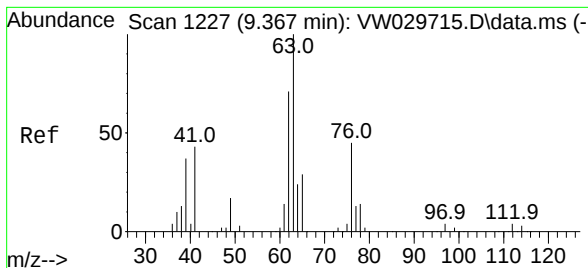
Ion Ratio Lower Upper

83 100

55 82.7 67.4 101.2

98 45.8 36.7 55.1





#37

1,2-Dichloropropane

Concen: 105.340 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

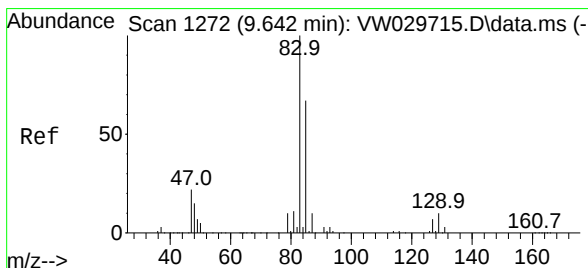
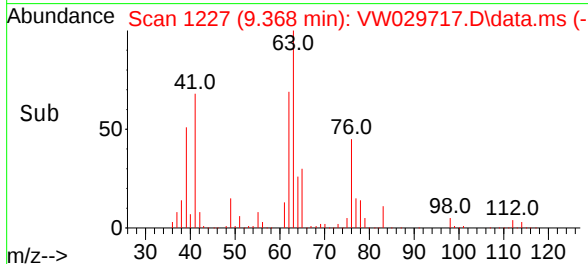
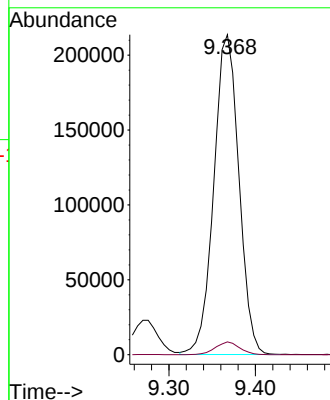
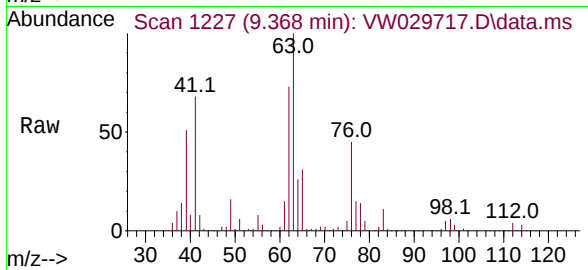
ClientSampleId :

Tgt Ion: 63 Resp: 429574

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 107.089 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

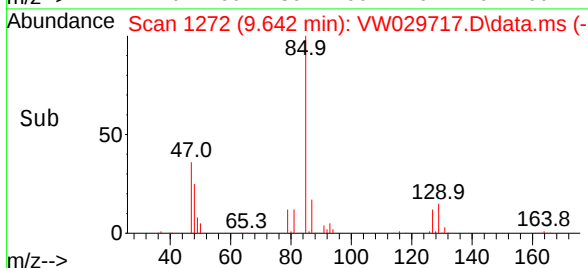
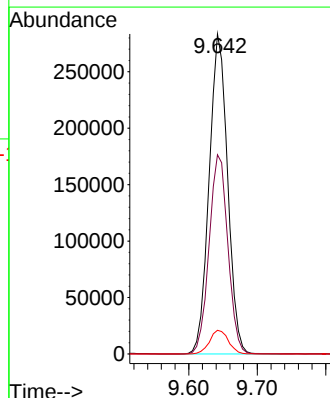
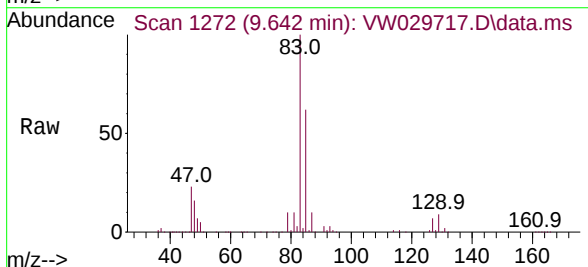
Tgt Ion: 83 Resp: 531271

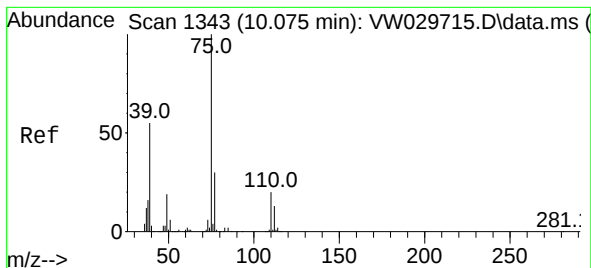
Ion Ratio Lower Upper

83 100

85 62.3 46.6 86.6

127 7.4 5.9 8.9

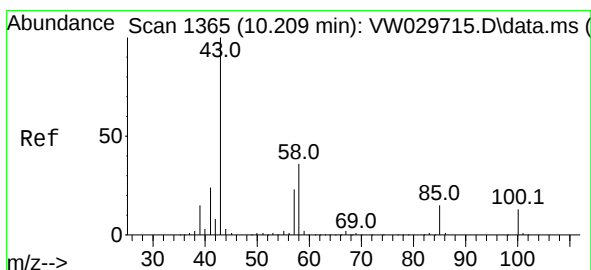
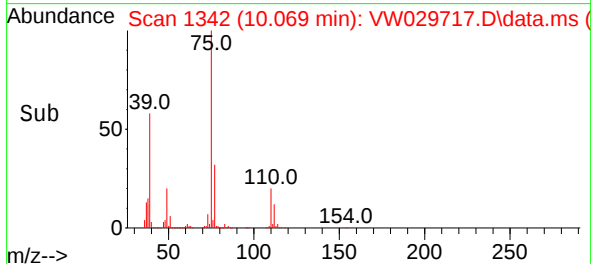
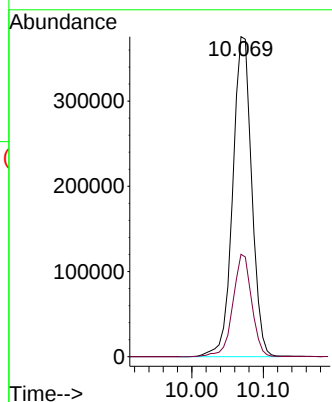
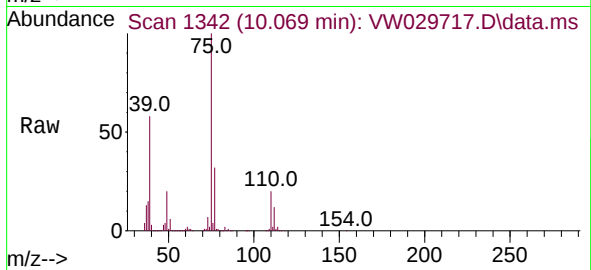




#39
cis-1,3-Dichloropropene
Concen: 113.898 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

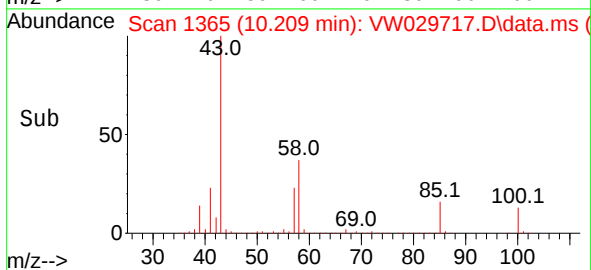
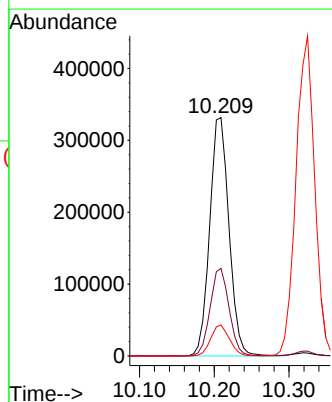
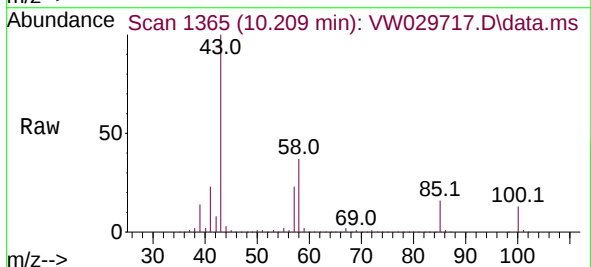
Instrument :
MSVOA_W
ClientSampleId :

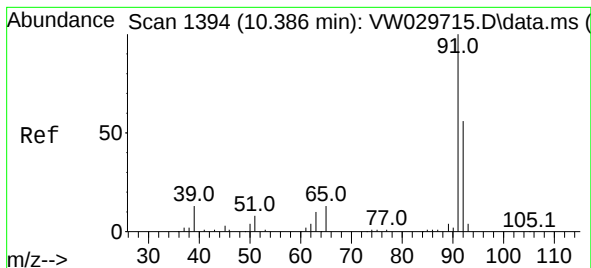
Tgt Ion: 75 Resp: 693402
Ion Ratio Lower Upper
75 100
77 32.0 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 208.640 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Tgt Ion: 43 Resp: 595201
Ion Ratio Lower Upper
43 100
58 36.1 28.7 43.1
100 12.7 10.0 15.0





#42

Toluene

Concen: 108.732 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

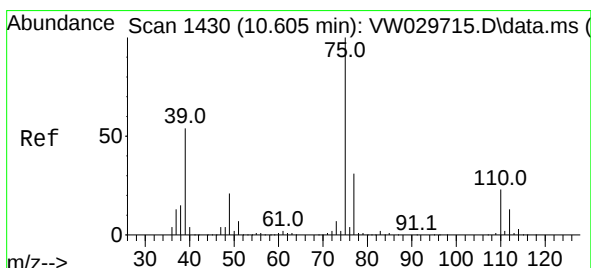
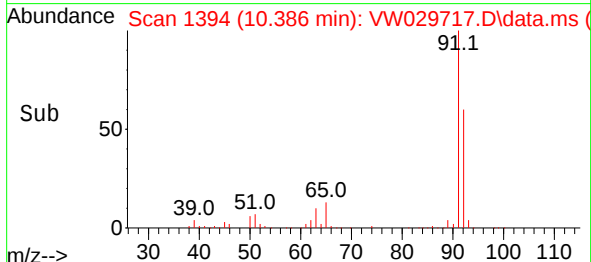
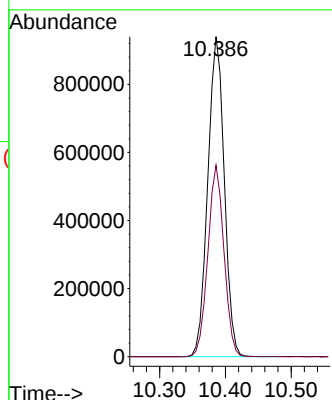
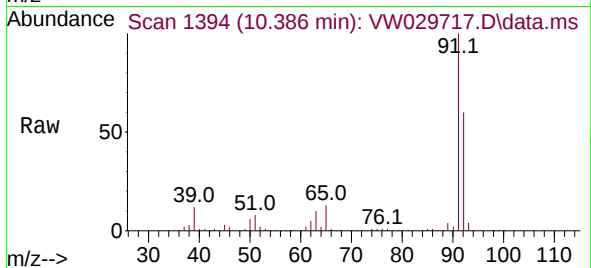
ClientSampleId :

Tgt Ion: 91 Resp: 1638802

Ion Ratio Lower Upper

91 100

92 59.8 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 111.717 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029717.D

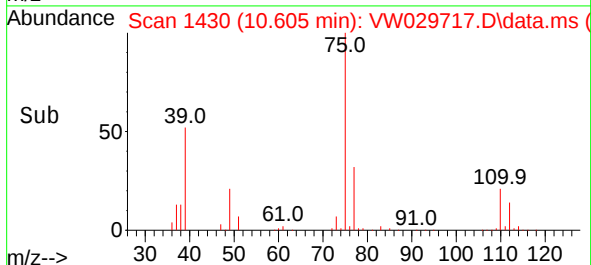
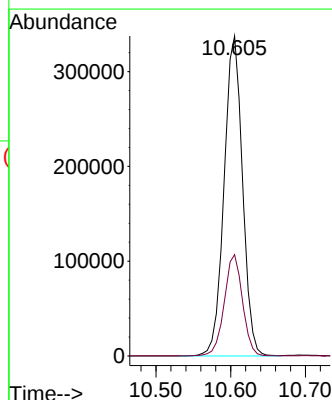
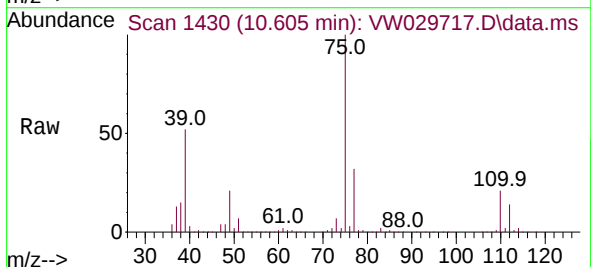
Acq: 24 Jul 2024 17:04

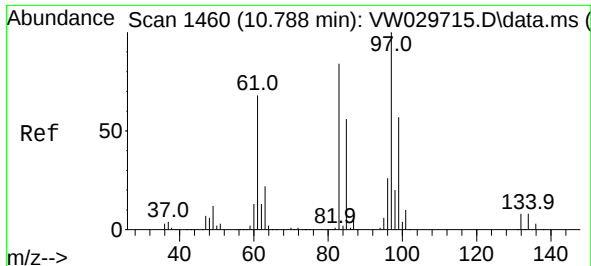
Tgt Ion: 75 Resp: 579339

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 98.215 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

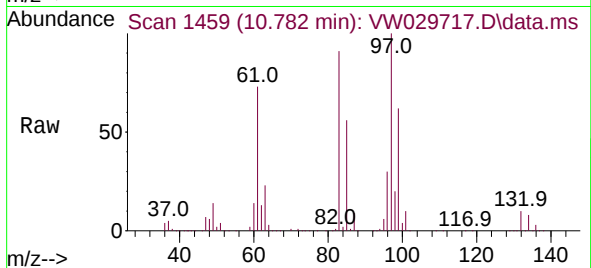
Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 285161

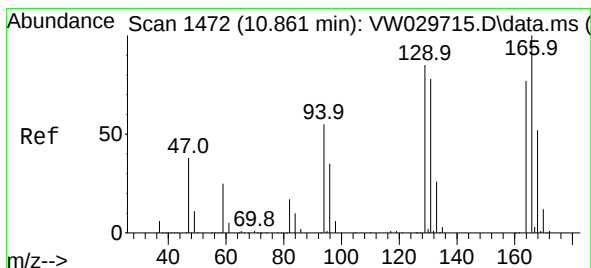
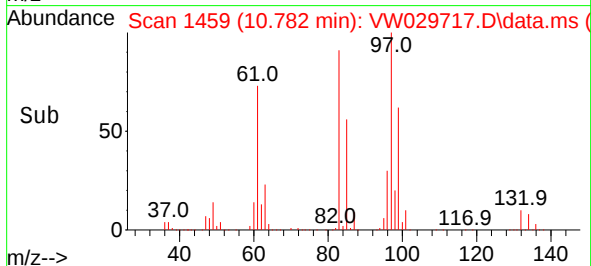
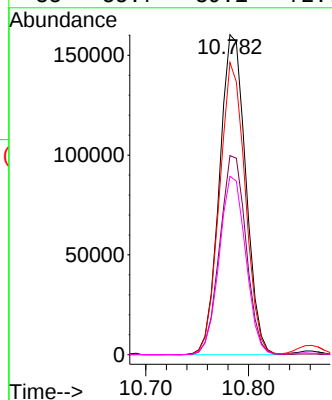
Ion Ratio Lower Upper

97 100

99 62.2 40.1 74.5

83 91.3 58.5 108.7

85 55.7 39.1 72.7



#46

Tetrachloroethene

Concen: 106.528 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Tgt Ion: 164 Resp: 289586

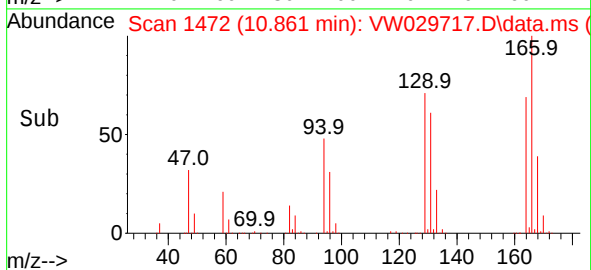
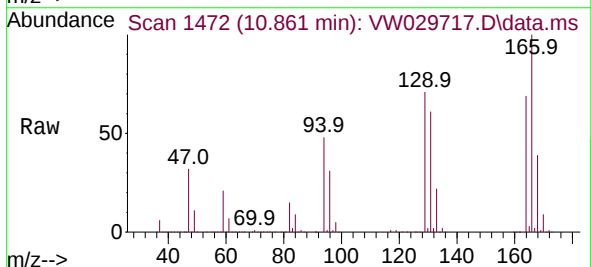
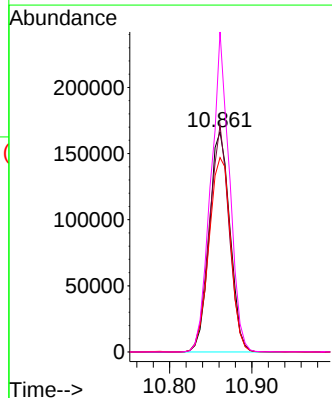
Ion Ratio Lower Upper

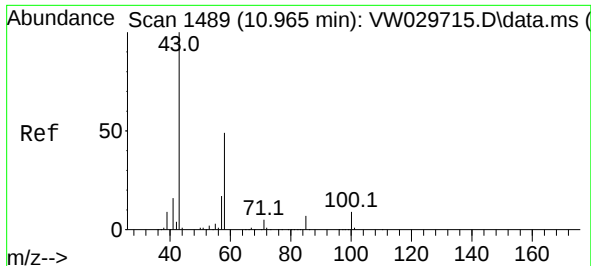
164 100

129 103.0 77.8 144.6

131 88.3 70.9 131.7

166 145.4 91.5 169.9

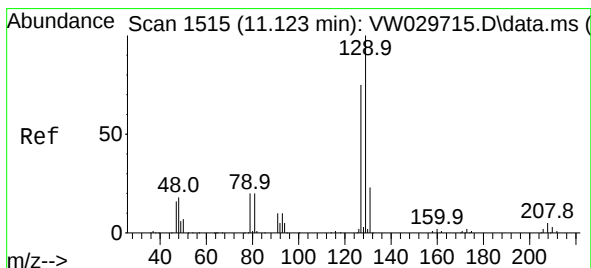
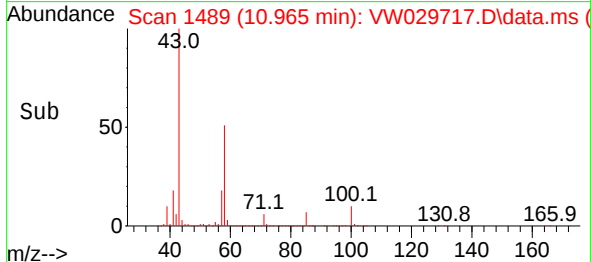
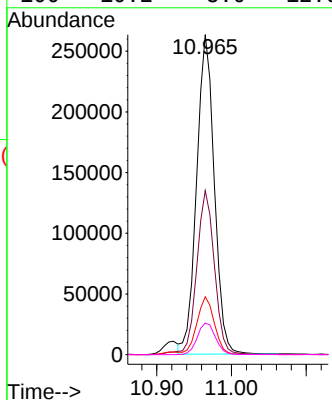
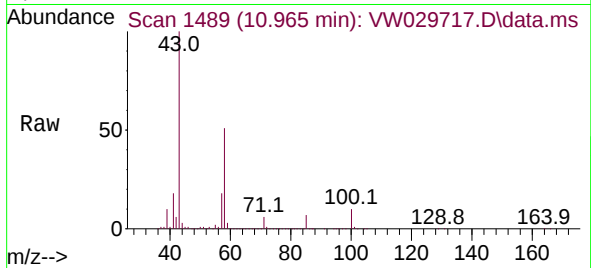




#48
2-Hexanone
Concen: 203.229 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

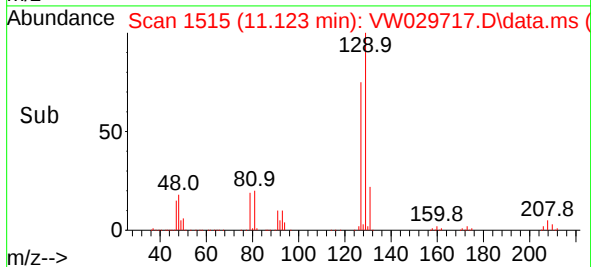
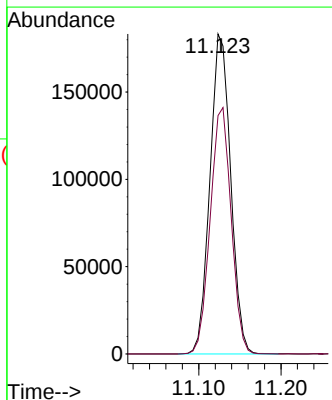
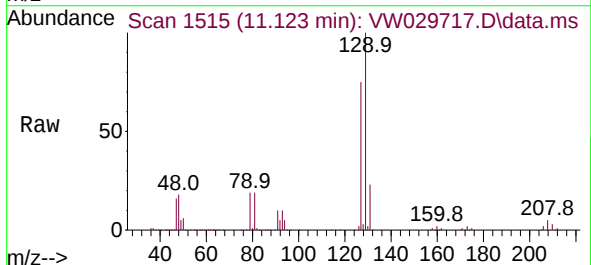
Instrument :
MSVOA_W
ClientSampleId :

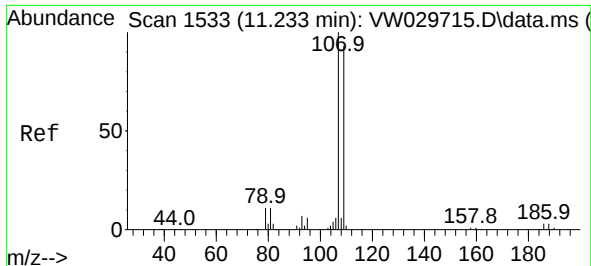
Tgt Ion: 43 Resp: 432199
Ion Ratio Lower Upper
43 100
58 51.6 41.0 61.4
57 17.9 14.1 21.1
100 10.2 8.0 12.0



#49
Dibromochloromethane
Concen: 106.738 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Tgt Ion:129 Resp: 321059
Ion Ratio Lower Upper
129 100
127 74.5 52.4 97.2





#50

1,2-Dibromoethane

Concen: 98.774 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

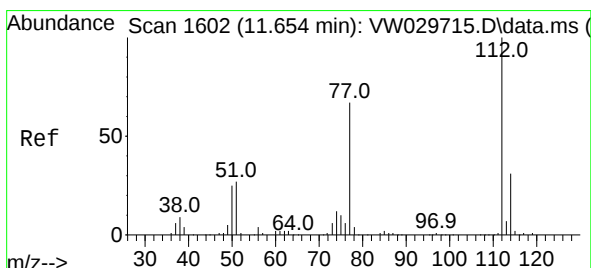
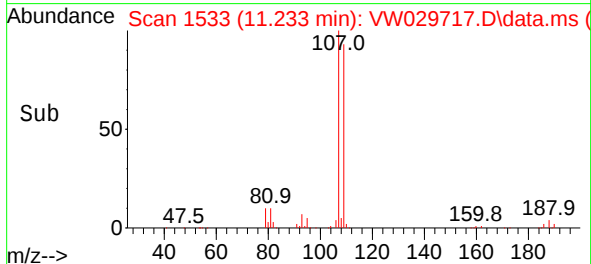
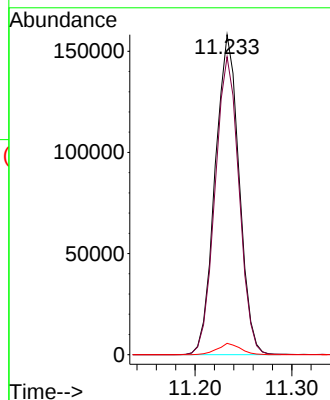
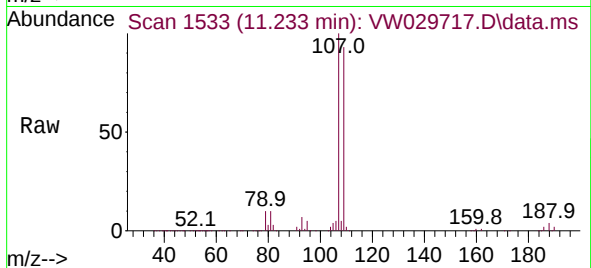
Tgt Ion:107 Resp: 272146

Ion Ratio Lower Upper

107 100

109 93.1 64.8 120.3

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 101.994 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

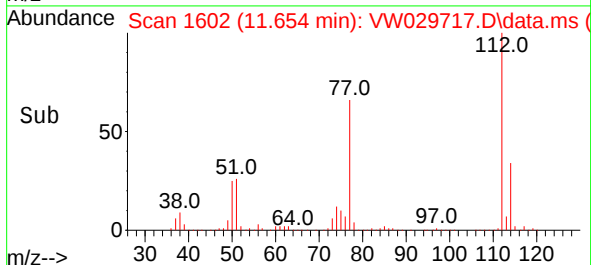
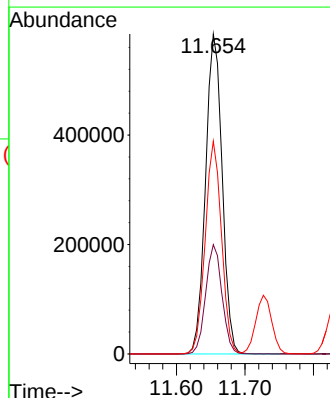
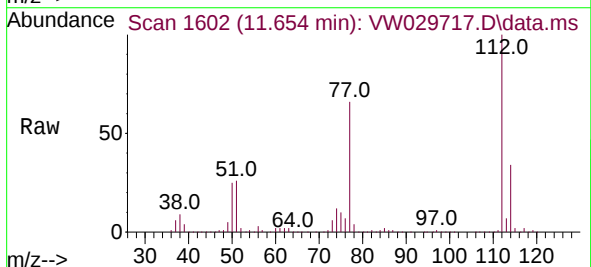
Tgt Ion:112 Resp: 987398

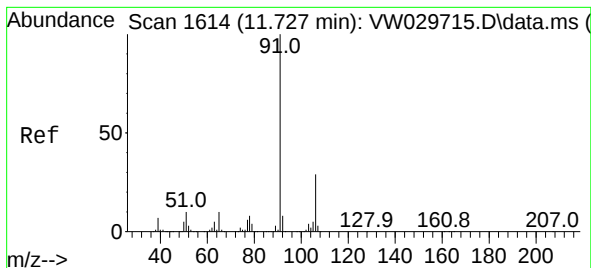
Ion Ratio Lower Upper

112 100

114 34.1 22.0 40.8

77 66.5 53.8 80.8

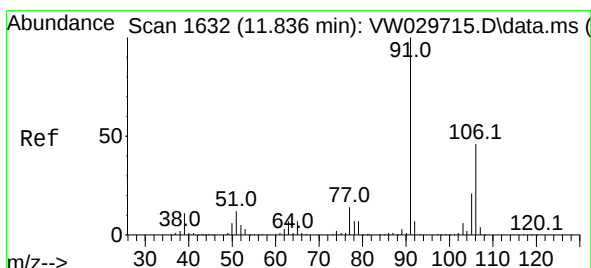
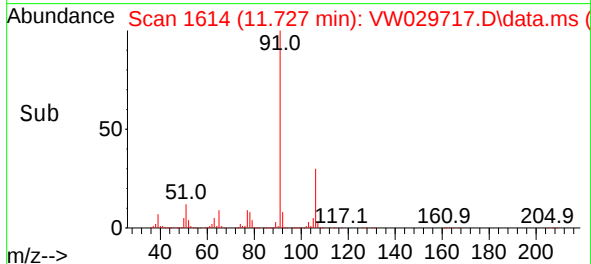
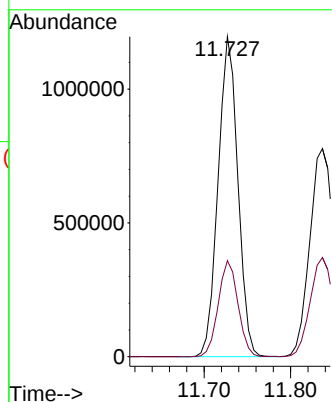
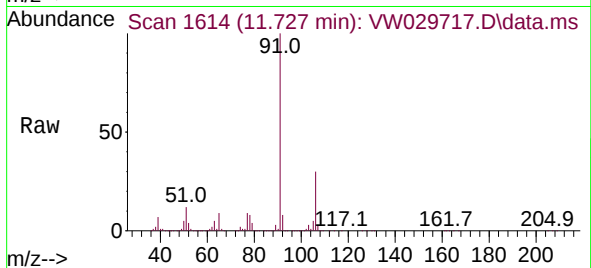




#52
Ethylbenzene
Concen: 111.636 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

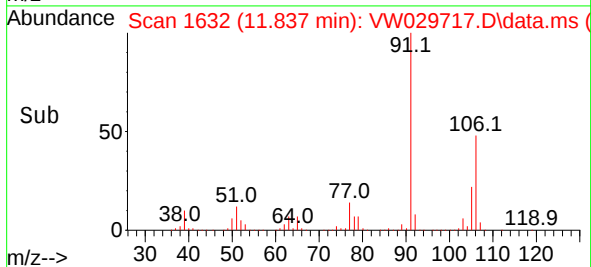
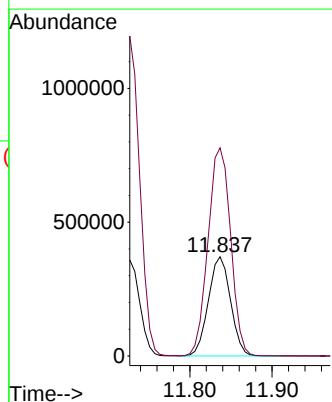
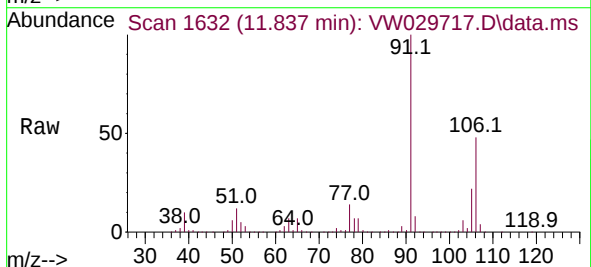
Instrument :
MSVOA_W
ClientSampleId :

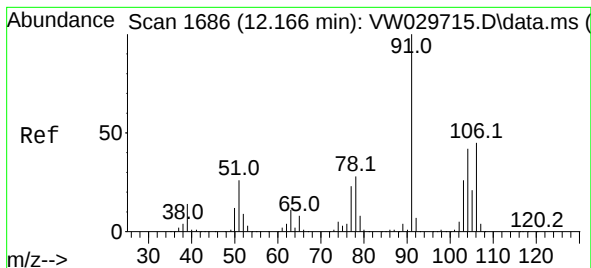
Tgt Ion: 91 Resp: 1897129
Ion Ratio Lower Upper
91 100
106 30.0 20.4 38.0



#53
m,p-Xylene
Concen: 110.957 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Tgt Ion:106 Resp: 693413
Ion Ratio Lower Upper
106 100
91 209.9 151.4 281.2

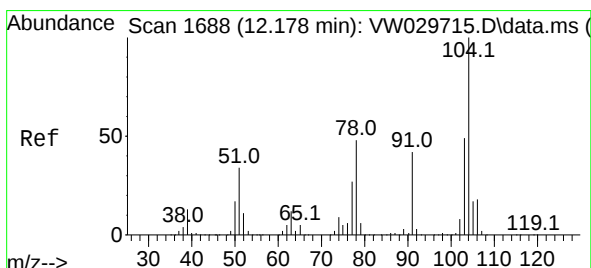
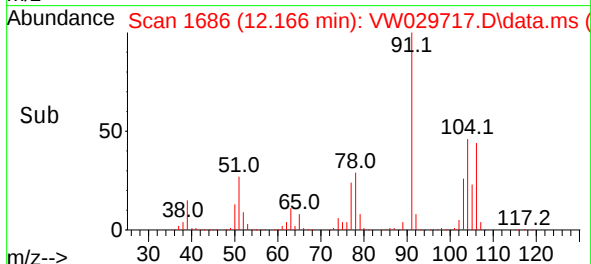
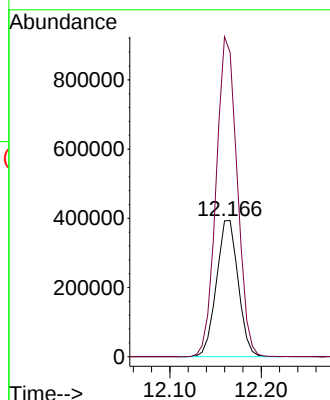
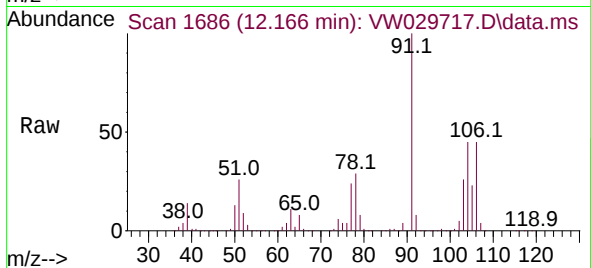




#54
o-Xylene
Concen: 112.992 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

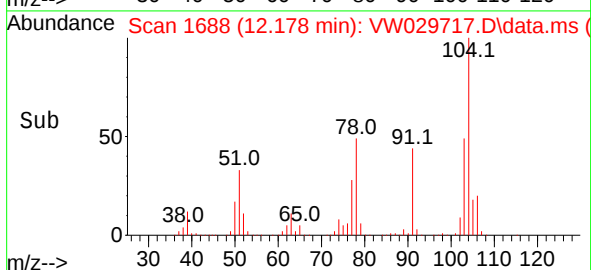
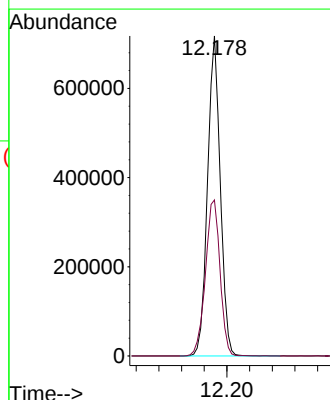
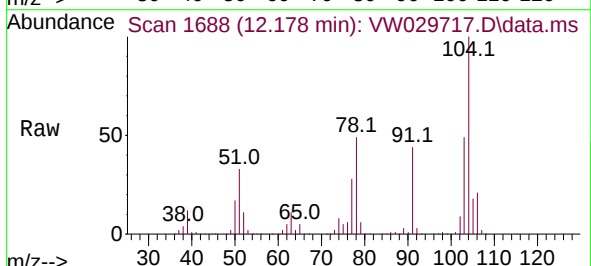
Instrument :
MSVOA_W
ClientSampleId :

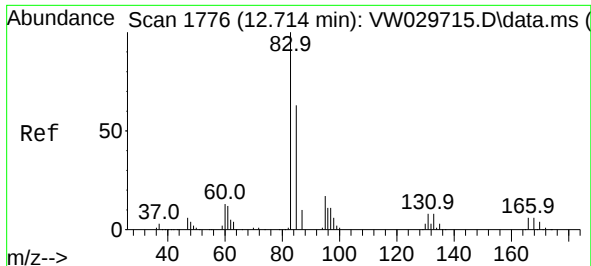
Tgt Ion:106 Resp: 651015
Ion Ratio Lower Upper
106 100
91 223.4 155.8 289.4



#55
Styrene
Concen: 110.025 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Tgt Ion:104 Resp: 1120333
Ion Ratio Lower Upper
104 100
78 48.7 33.3 61.9

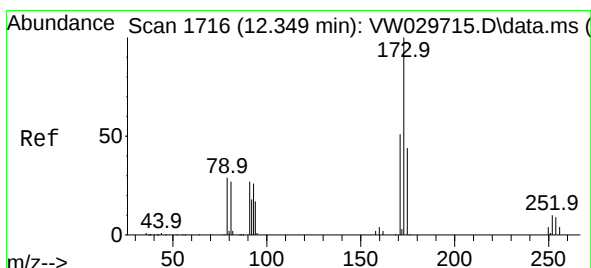
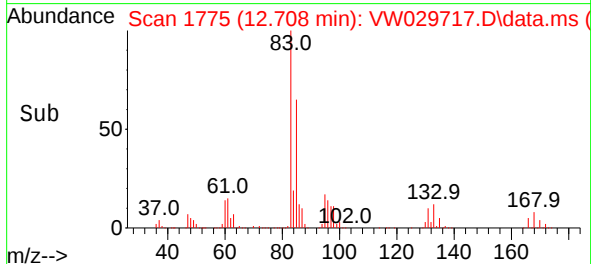
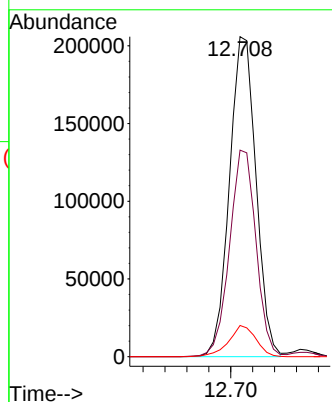
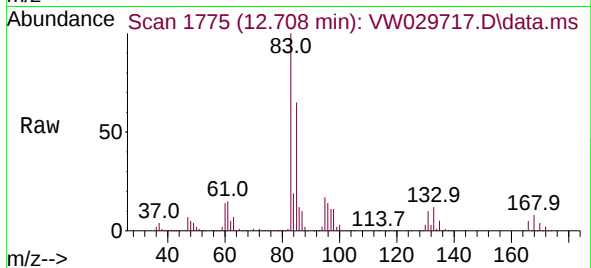




#57
1,1,2,2-Tetrachloroethane
Concen: 94.503 ug/L
RT: 12.708 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

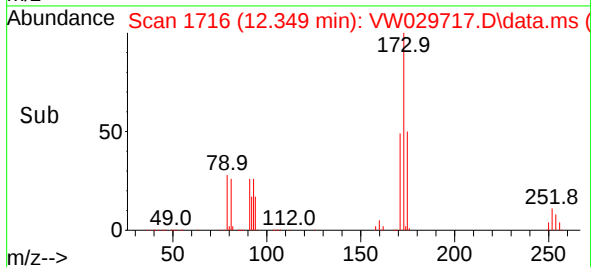
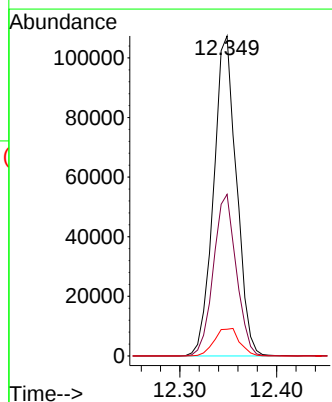
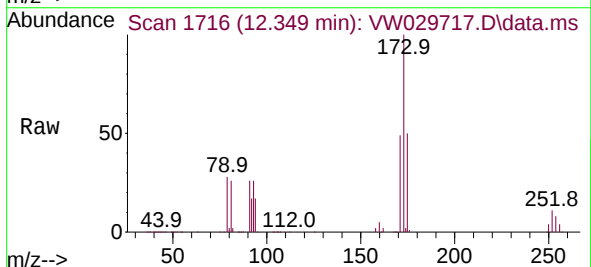
Instrument :
MSVOA_W
ClientSampleId :

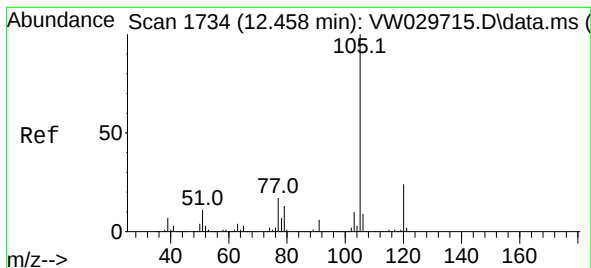
Tgt Ion: 83 Resp: 345491
Ion Ratio Lower Upper
83 100
85 64.5 44.2 82.0
131 9.7 6.2 9.2#



#59
Bromoform
Concen: 98.443 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Tgt Ion:173 Resp: 176374
Ion Ratio Lower Upper
173 100
175 50.4 38.1 57.1
254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 107.494 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

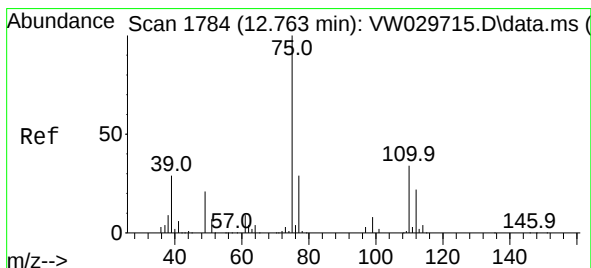
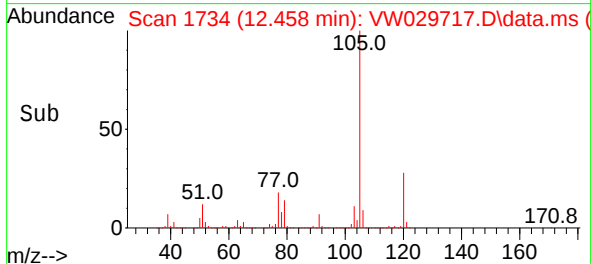
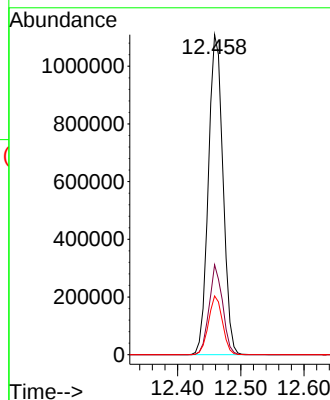
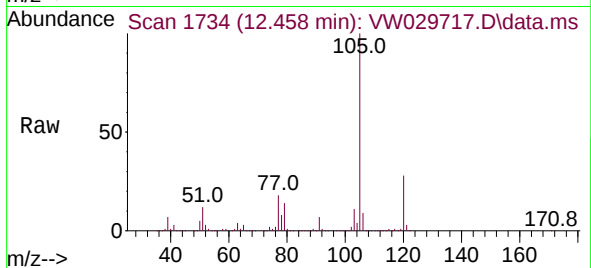
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105 Resp: 1781652

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.3	30.5
77	17.6	14.0	21.0



#61

1,2,3-Trichloropropane

Concen: 92.106 ug/L

RT: 12.763 min Scan# 1784

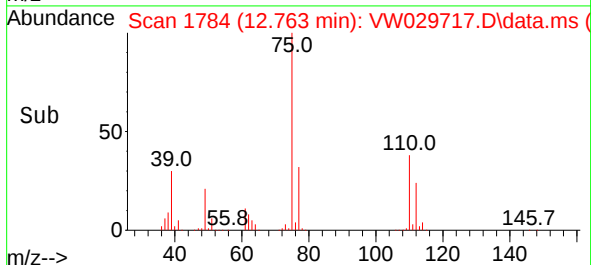
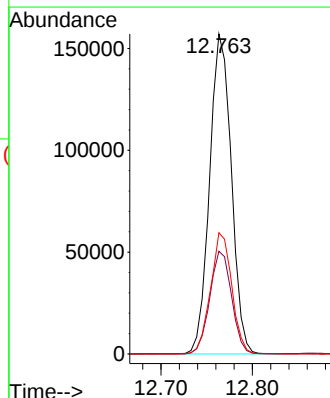
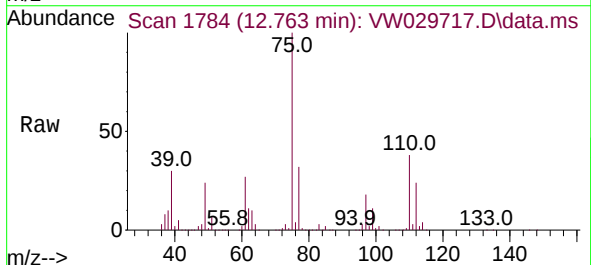
Delta R.T. 0.000 min

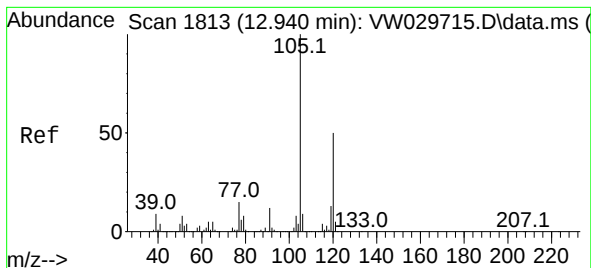
Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Tgt Ion: 75 Resp: 259430

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.0
110	37.1	28.6	43.0





#62

1,3,5-Trimethylbenzene

Concen: 124.755 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

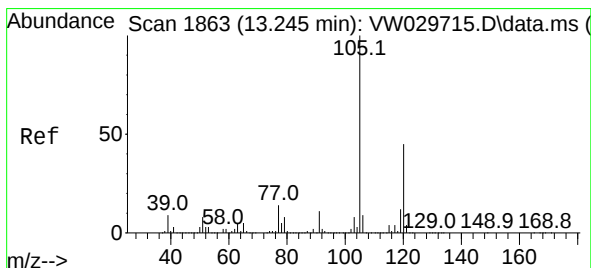
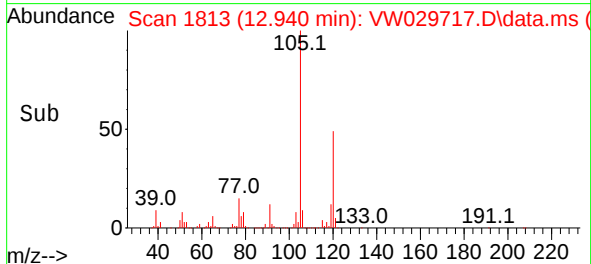
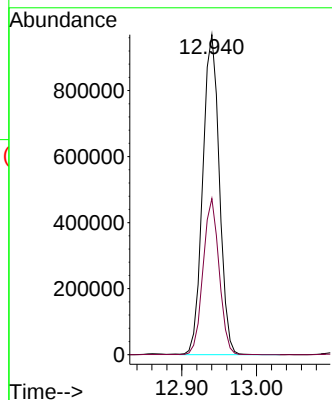
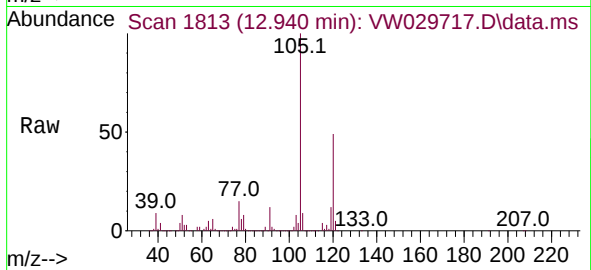
ClientSampleId :

Tgt Ion:105 Resp: 1492526

Ion Ratio Lower Upper

105 100

120 47.1 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 113.612 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029717.D

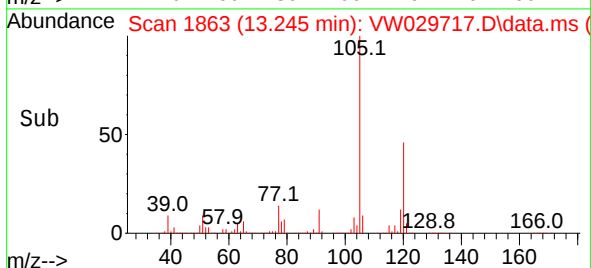
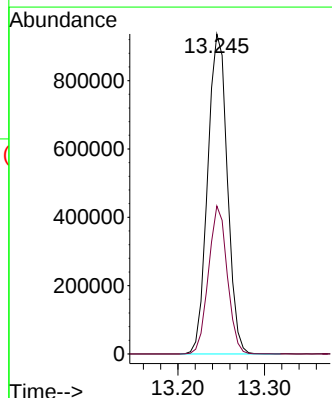
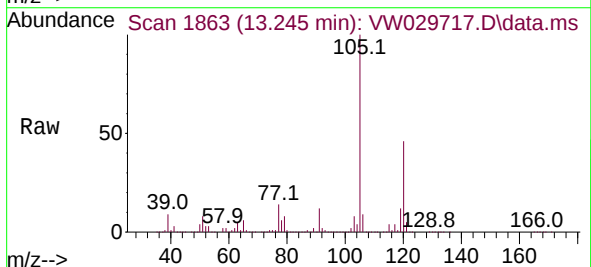
Acq: 24 Jul 2024 17:04

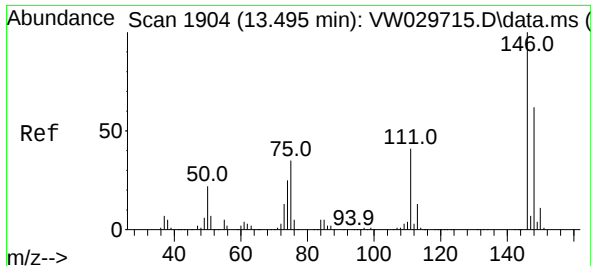
Tgt Ion:105 Resp: 1476429

Ion Ratio Lower Upper

105 100

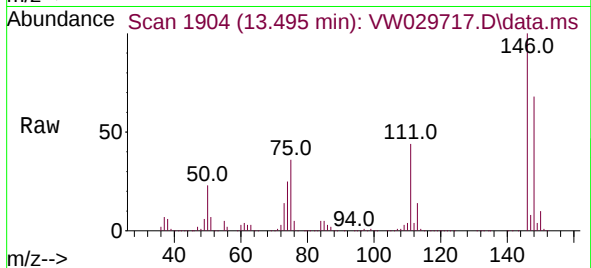
120 44.1 35.4 53.0



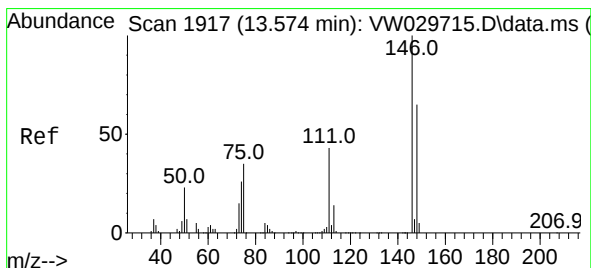
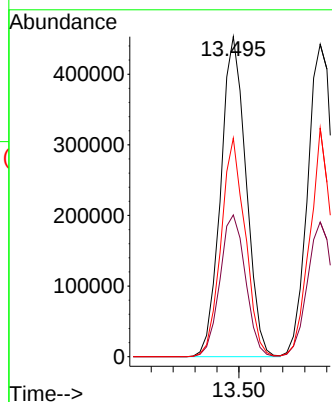
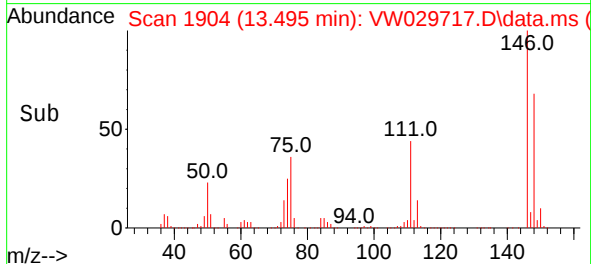


#64
1,3-Dichlorobenzene
Concen: 98.672 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

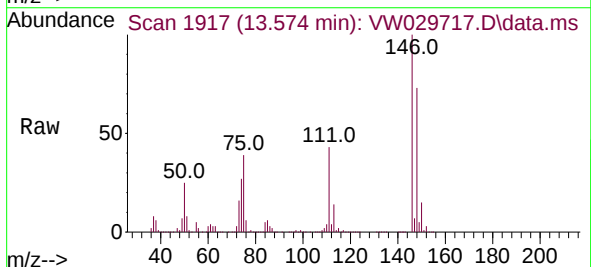
Instrument :
MSVOA_W
ClientSampleId :



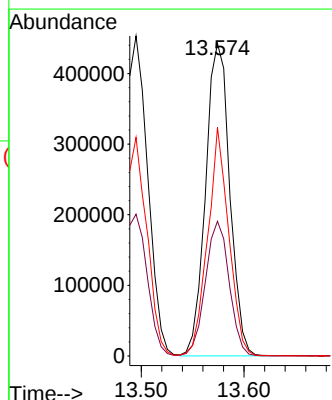
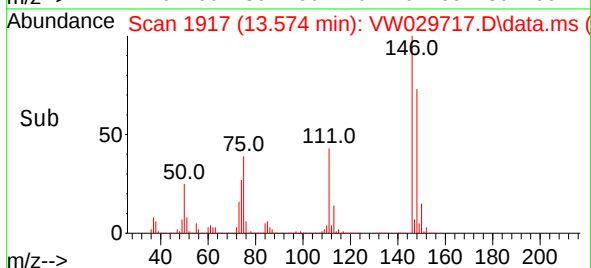
Tgt Ion:146 Resp: 728101
Ion Ratio Lower Upper
146 100
111 44.3 28.7 53.3
148 68.3 43.4 80.6

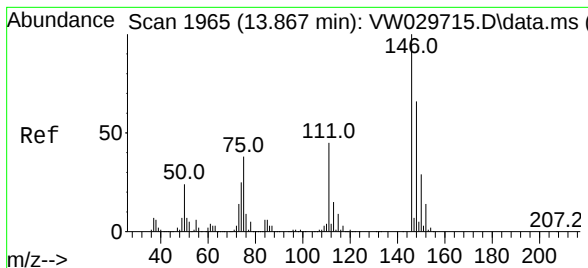


#65
1,4-Dichlorobenzene
Concen: 95.945 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04



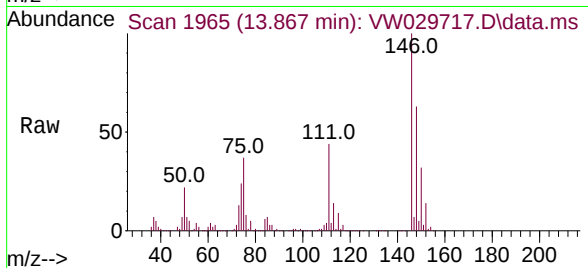
Tgt Ion:146 Resp: 721933
Ion Ratio Lower Upper
146 100
111 43.2 30.1 55.9
148 73.2 45.4 84.4



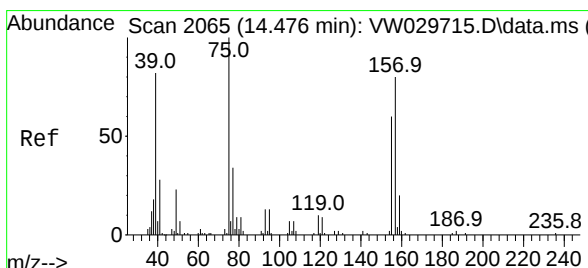
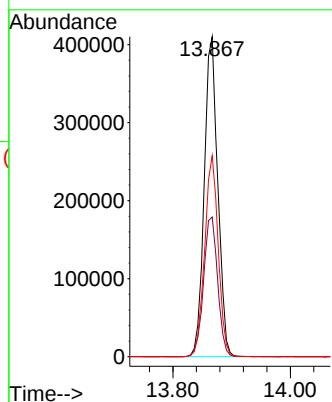
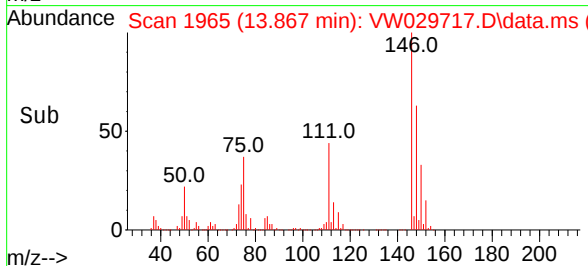


#67
1,2-Dichlorobenzene
Concen: 98.435 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

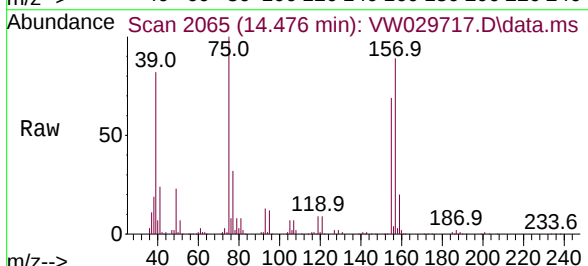
Instrument :
MSVOA_W
ClientSampleId :



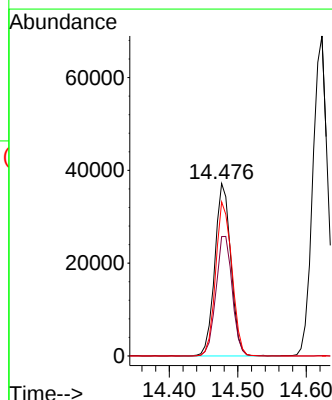
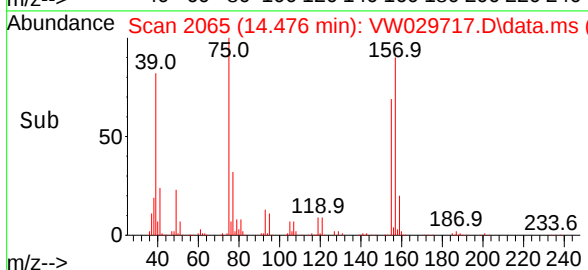
Tgt Ion:146 Resp: 656450
Ion Ratio Lower Upper
146 100
111 43.7 35.8 53.8
148 62.8 52.6 78.8

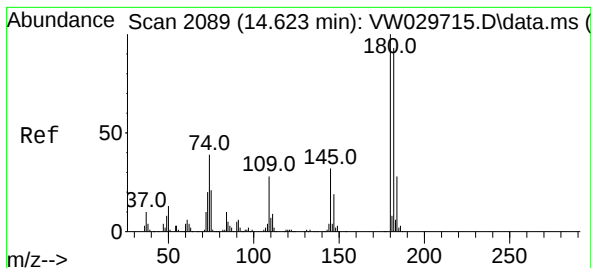


#68
1,2-Dibromo-3-chloropropane
Concen: 90.676 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04



Tgt Ion: 75 Resp: 60545
Ion Ratio Lower Upper
75 100
155 69.2 47.8 71.6
157 89.3 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 100.985 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 490894

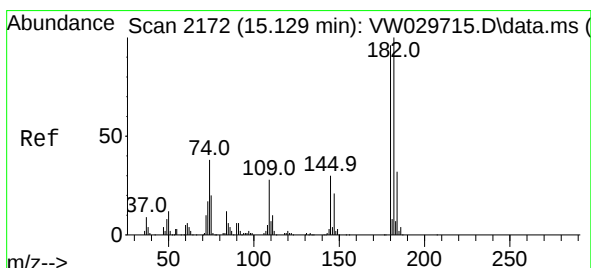
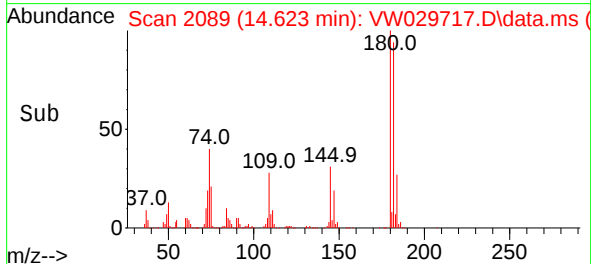
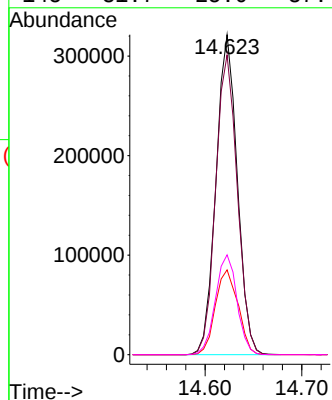
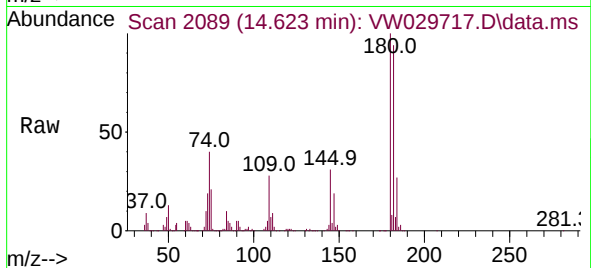
Ion Ratio Lower Upper

180 100

182 95.0 72.7 109.1

184 28.3 23.3 34.9

145 31.7 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 102.030 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029717.D

Acq: 24 Jul 2024 17:04

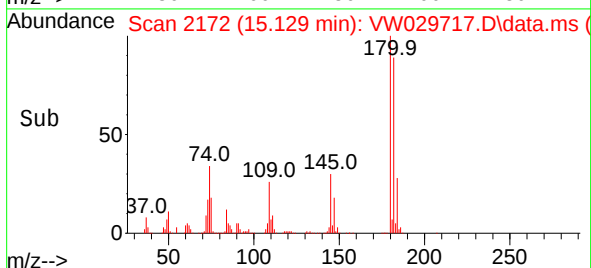
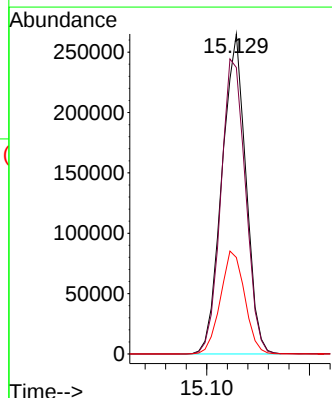
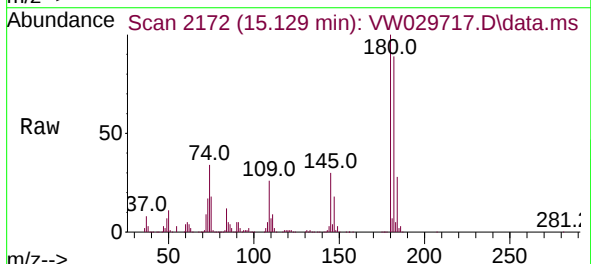
Tgt Ion:180 Resp: 428083

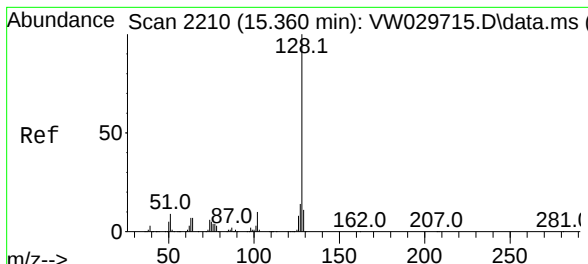
Ion Ratio Lower Upper

180 100

182 94.9 80.2 120.4

145 32.6 26.3 39.5



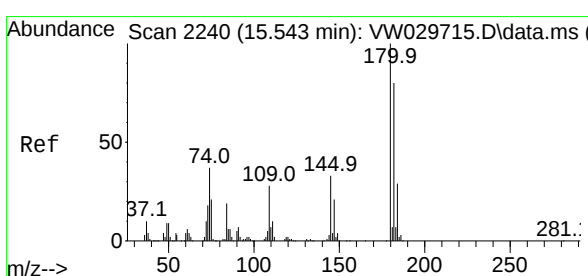
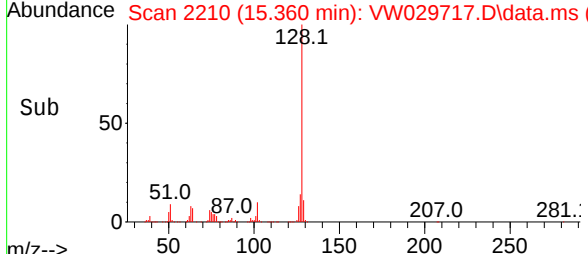
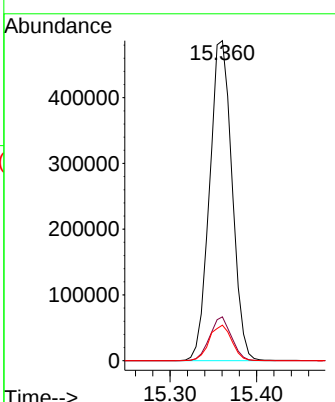
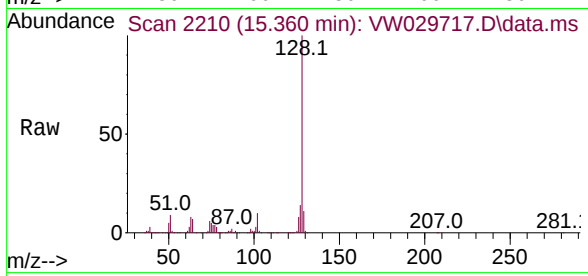


#71
Naphthalene
Concen: 99.322 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 877300

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	11.1	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 95.190 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029717.D
Acq: 24 Jul 2024 17:04

Tgt Ion:180 Resp: 361209

Ion	Ratio	Lower	Upper
180	100		
182	92.8	74.0	111.0
145	34.9	27.5	41.3

