

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
 Data File : VW029939.D
 Acq On : 16 Aug 2024 18:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 17 00:38:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 17 00:33:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	185184	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	182073	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	91926	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50286	19.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
7) Chloroethane-d5	2.899	69	45201	24.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.320%
11) 1,1-Dichloroethene-d2	4.027	65	20346	16.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.800%
21) 2-Butanone-d5	7.075	46	30023	41.666	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.340%
24) Chloroform-d	7.648	84	120704	25.179	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	8.307	65	66154	24.228	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.920%
32) Benzene-d6	8.276	84	211173	21.466	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.880%
36) 1,2-Dichloropropane-d6	9.270	67	66500	21.170	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.680%
41) Toluene-d8	10.318	98	193275	22.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	10.574	79	27483	21.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.480%
47) 2-Hexanone-d5	10.922	63	23568	45.501	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62321	26.719	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	66368	23.251	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50054	20.052	ug/L	90
3) Chloromethane	2.222	50	64237	20.797	ug/L	99
5) Vinyl chloride	2.375	62	79639	23.010	ug/L	99
6) Bromomethane	2.789	94	55275	29.085	ug/L	99
8) Chloroethane	2.936	64	53799	27.325	ug/L	95
9) Trichlorofluoromethane	3.265	101	68573	24.805	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	63787	23.167	ug/L	93
12) 1,1-Dichloroethene	4.045	96	58894	23.280	ug/L	95
13) Acetone	4.124	43	31070	34.696	ug/L	96
14) Carbon disulfide	4.393	76	160959	19.119	ug/L	100
15) Methyl Acetate	4.673	43	32259	21.628	ug/L #	88
16) Methylene chloride	4.917	84	93749	24.216	ug/L	84
17) trans-1,2-Dichloroethene	5.429	96	68313	25.058	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	117646	26.183	ug/L	98
19) 1,1-Dichloroethane	6.216	63	141324	24.579	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	80946	27.373	ug/L	88
22) 2-Butanone	7.173	43	44439	38.730	ug/L	87
23) Bromochloromethane	7.508	128	35643	28.391	ug/L #	74
25) Chloroform	7.673	83	154023	28.432	ug/L	98

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 Response via : Initial Calibration

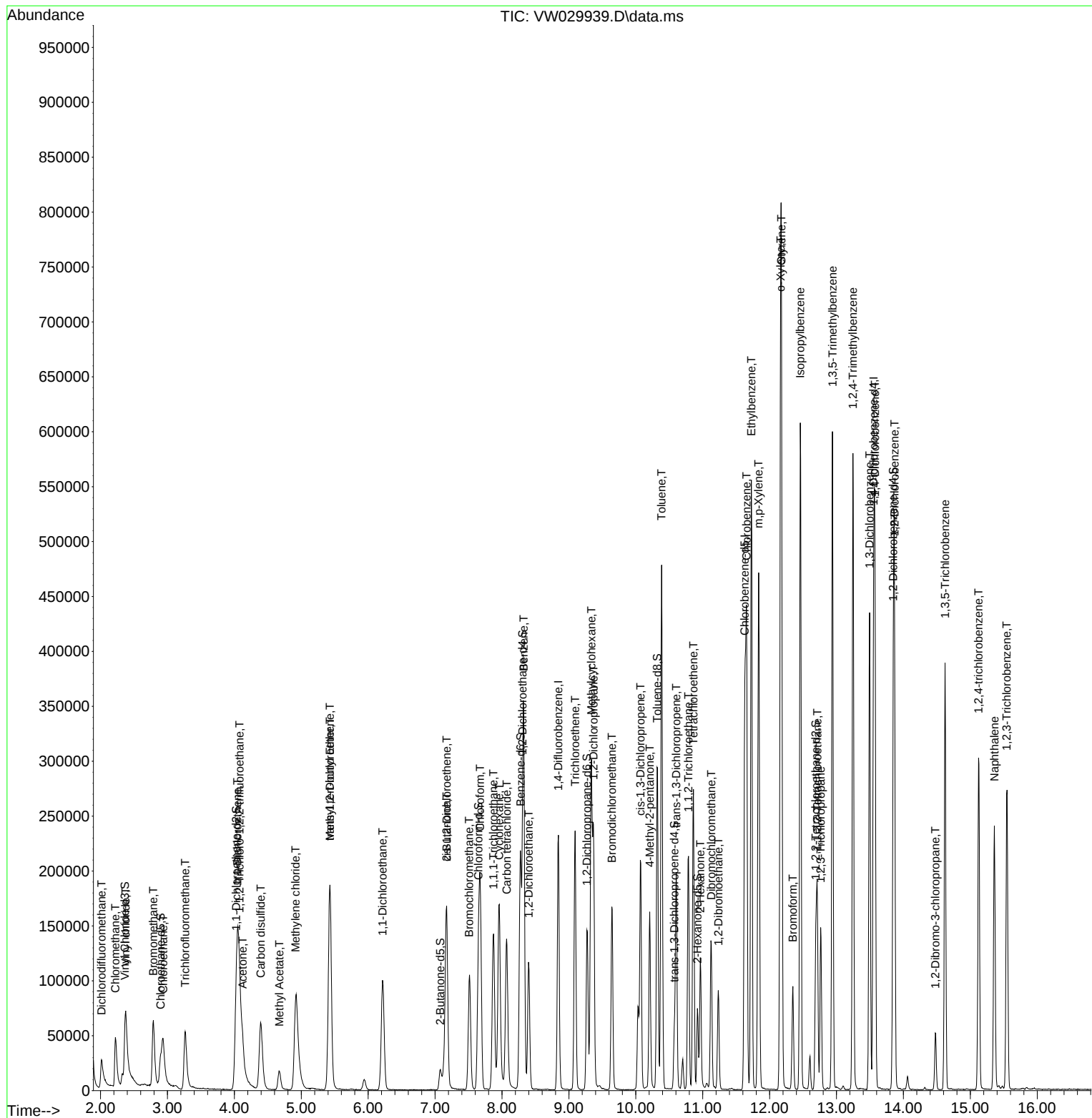
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106604	27.003	ug/L	100
29) Cyclohexane	7.959	56	92098	17.800	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	117740	25.536	ug/L	95
31) Carbon tetrachloride	8.069	117	102156	24.588	ug/L	97
33) Benzene	8.325	78	308640	24.740	ug/L	100
34) Trichloroethene	9.093	95	80596	24.644	ug/L	97
35) Methylcyclohexane	9.337	83	114585	21.027	ug/L	94
37) 1,2-Dichloropropane	9.367	63	82234	24.054	ug/L	99
38) Bromodichloromethane	9.642	83	111644	27.424	ug/L	92
39) cis-1,3-Dichloropropene	10.068	75	119257	23.953	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	98362	45.297	ug/L #	92
42) Toluene	10.386	91	335340	26.335	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	105220	25.458	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	65052	28.324	ug/L	93
46) Tetrachloroethene	10.861	164	56440	23.745	ug/L	94
48) 2-Hexanone	10.965	43	71079	43.705	ug/L #	93
49) Dibromochloromethane	11.129	129	69349	29.087	ug/L	99
50) 1,2-Dibromoethane	11.233	107	59119	27.820	ug/L	88
51) Chlorobenzene	11.654	112	212386	26.814	ug/L	97
52) Ethylbenzene	11.727	91	380106	26.463	ug/L	97
53) m,p-Xylene	11.836	106	137668	26.060	ug/L	100
54) o-Xylene	12.166	106	131768	27.087	ug/L	96
55) Styrene	12.178	104	242636	28.775	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	82588	29.298	ug/L	98
59) Bromoform	12.349	173	38505	27.837	ug/L #	91
60) Isopropylbenzene	12.458	105	371539	26.119	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58669	26.241	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	300739	28.443	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	301317	26.647	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	164868	27.165	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	172174	27.618	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	149409	27.040	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	13110	25.825	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	107044	25.779	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	93450	26.713	ug/L	94
71) Naphthalene	15.360	128	195825	29.337	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	85605	27.036	ug/L	95

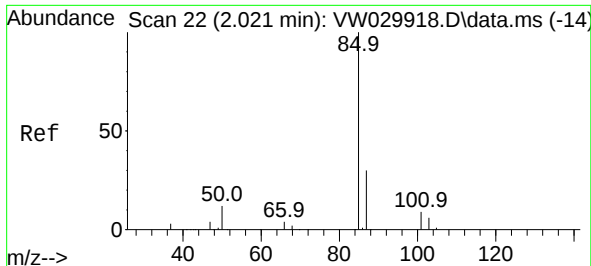
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QLast Update : Sat Aug 17 00:33:10 2024
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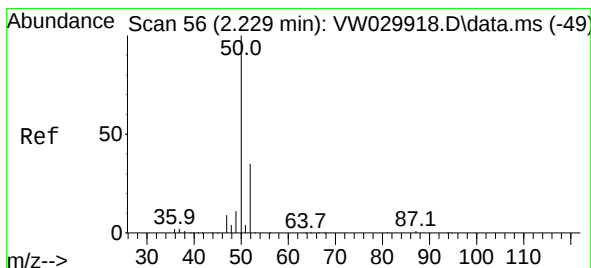
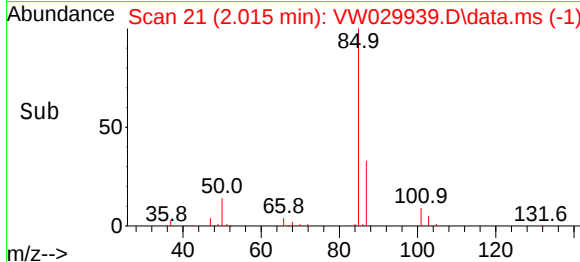
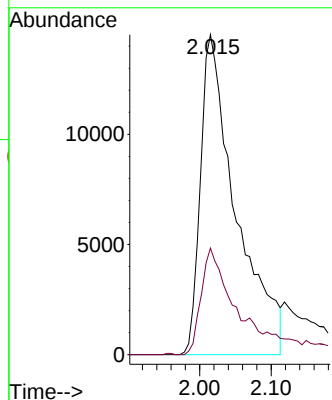
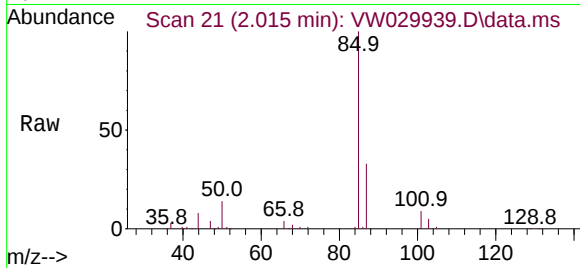




#2
 Dichlorodifluoromethane
 Concen: 20.052 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW029939.D
 Acq: 16 Aug 2024 18:24

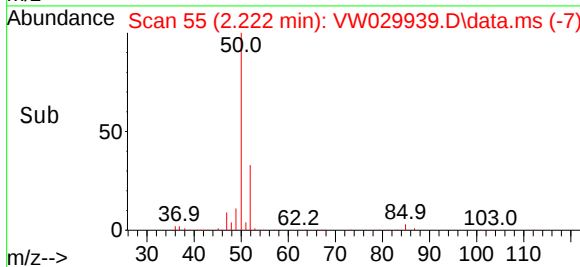
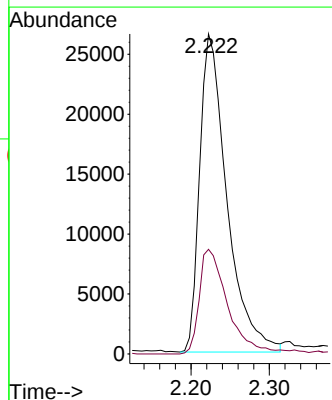
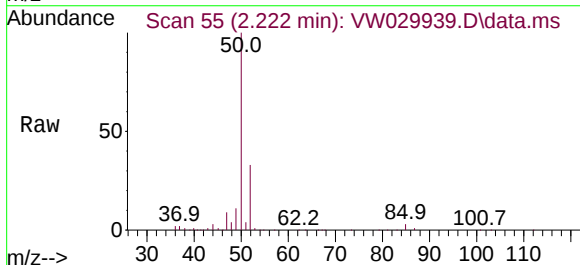
Instrument :
 MSVOA_W
 ClientSampleId :

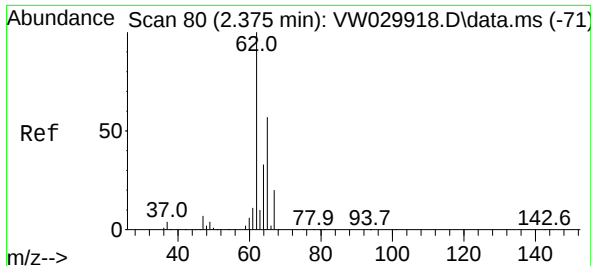
Tgt Ion: 85 Resp: 50054
 Ion Ratio Lower Upper
 85 100
 87 26.1 25.5 38.3



#3
 Chloromethane
 Concen: 20.797 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW029939.D
 Acq: 16 Aug 2024 18:24

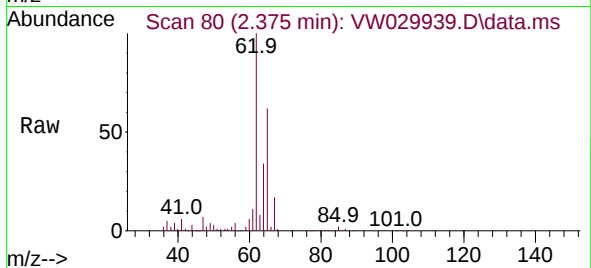
Tgt Ion: 50 Resp: 64237
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.9



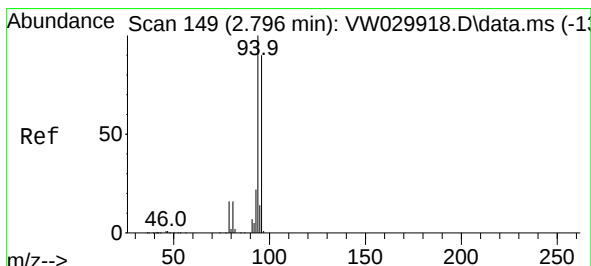
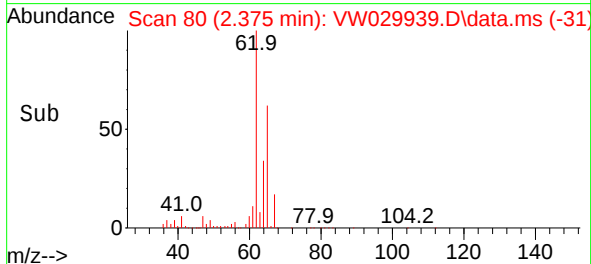
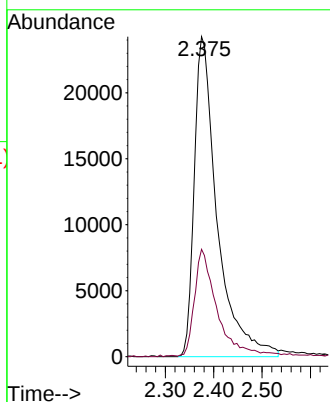


#5
 Vinyl chloride
 Concen: 23.010 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029939.D
 Acq: 16 Aug 2024 18:24

Instrument :
 MSVOA_W
 ClientSampleId :

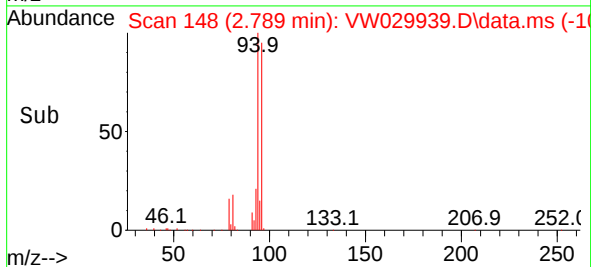
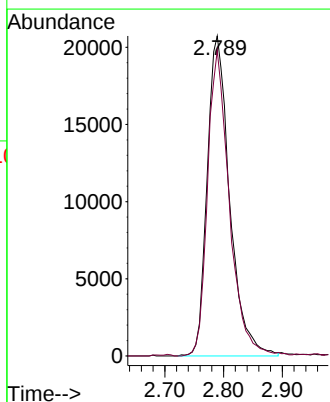
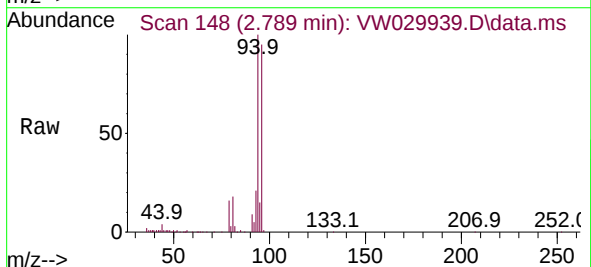


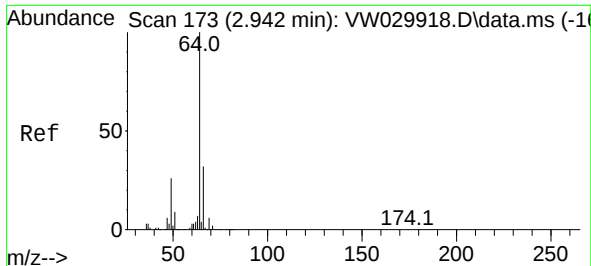
Tgt Ion: 62 Resp: 79639
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.2



#6
 Bromomethane
 Concen: 29.085 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW029939.D
 Acq: 16 Aug 2024 18:24

Tgt Ion: 94 Resp: 55275
 Ion Ratio Lower Upper
 94 100
 96 95.4 66.2 123.0

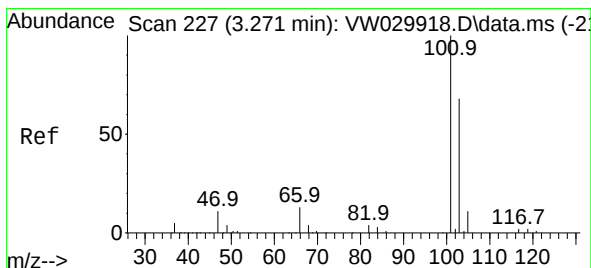
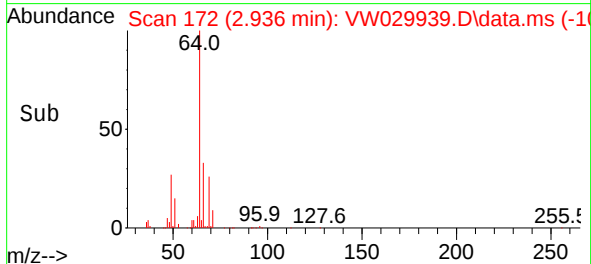
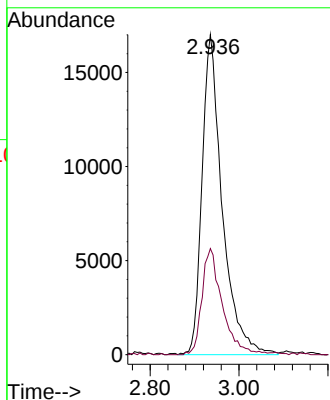
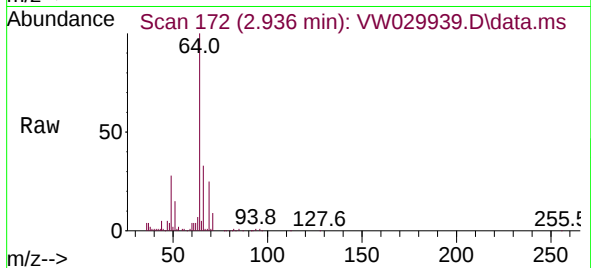




#8
Chloroethane
Concen: 27.325 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

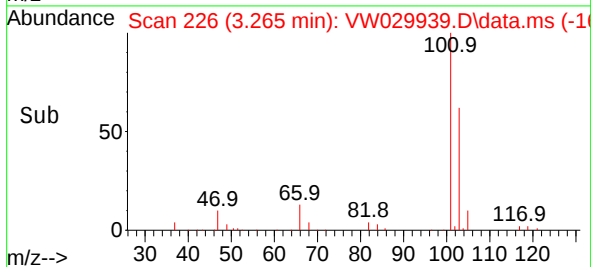
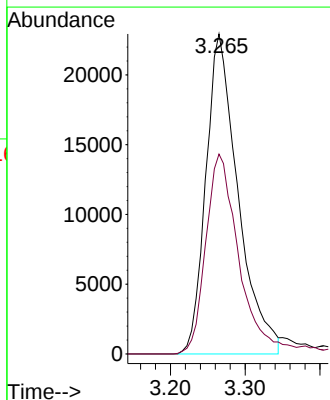
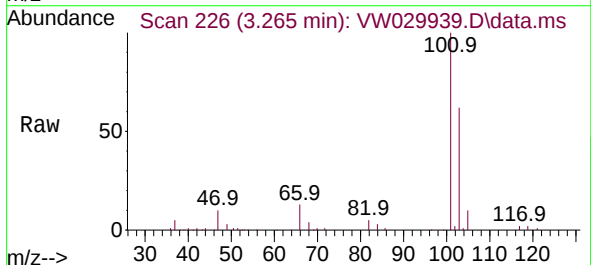
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MSVOA_W
ClientSampleId :

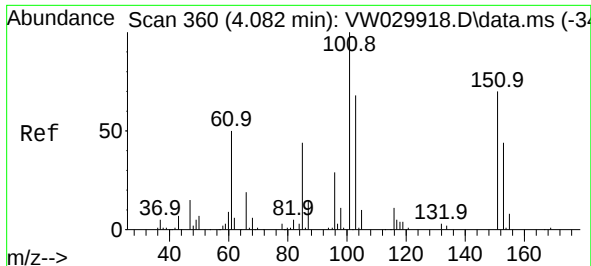
Tgt Ion: 64 Resp: 53799
Ion Ratio Lower Upper
64 100
66 33.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 24.805 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Tgt Ion:101 Resp: 68573
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4





#10

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

Concen: 23.167 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

ClientSampleId :

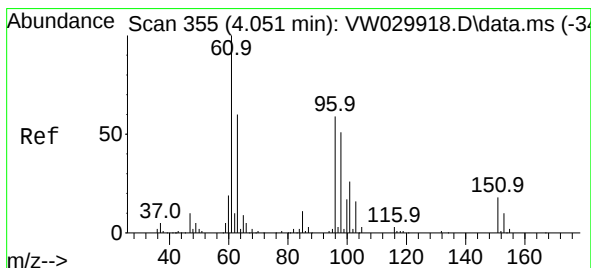
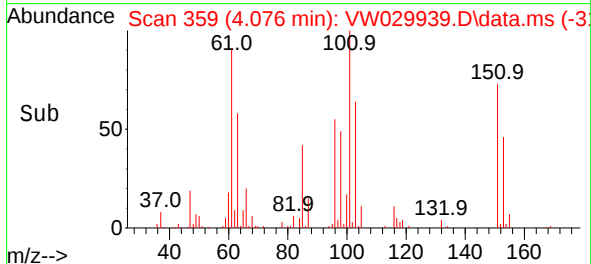
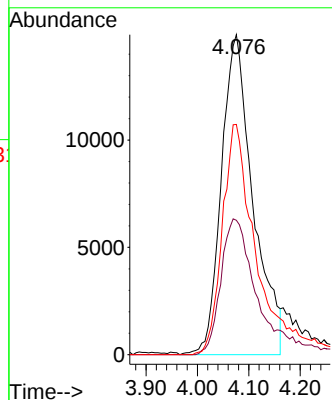
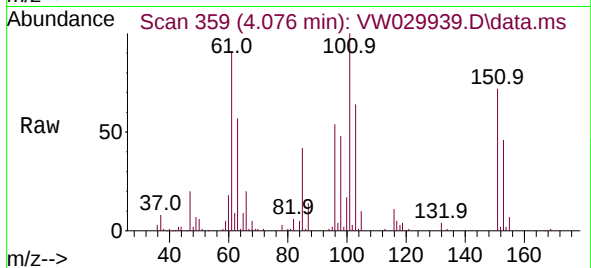
Tgt Ion:101 Resp: 63787

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

151 76.0 54.2 81.2



#12

1,1-Dichloroethene

Concen: 23.280 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

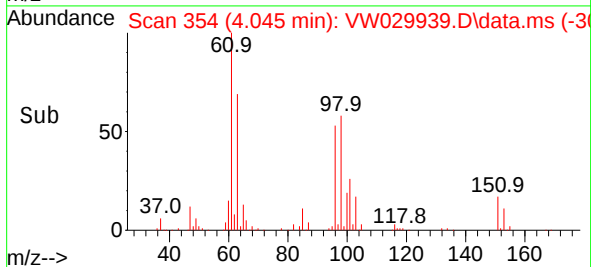
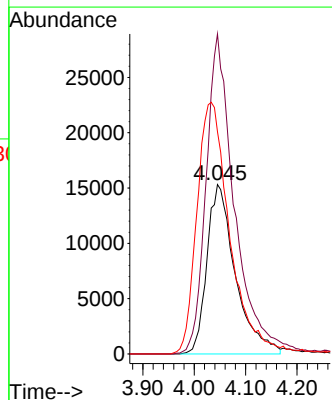
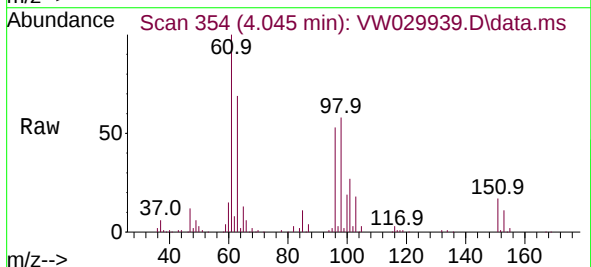
Tgt Ion: 96 Resp: 58894

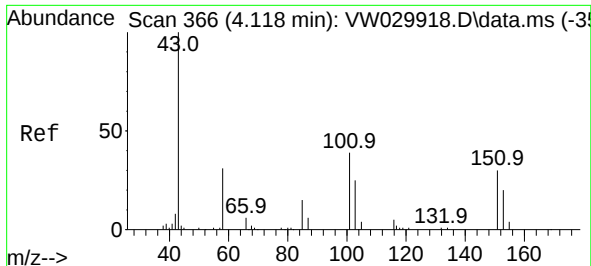
Ion Ratio Lower Upper

96 100

61 188.8 138.3 256.9

63 131.1 89.0 165.4





#13

Acetone

Concen: 34.696 ug/L

RT: 4.124 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

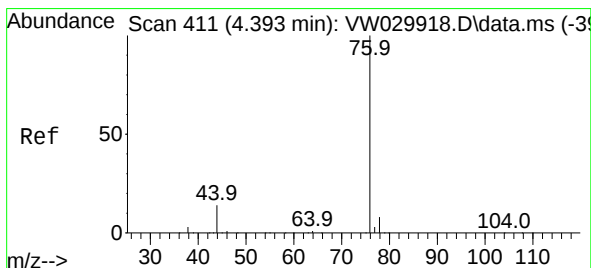
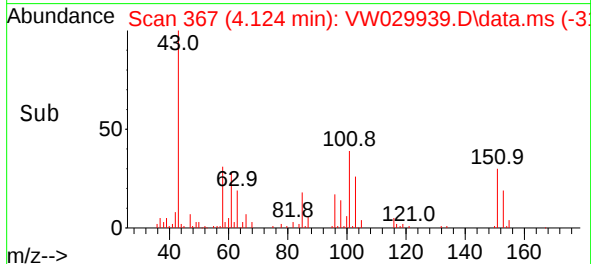
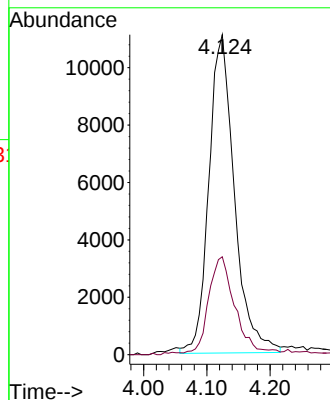
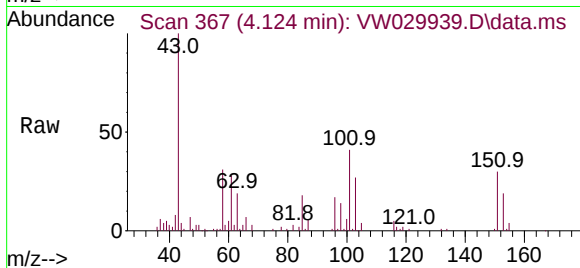
ClientSampleId :

Tgt Ion: 43 Resp: 31070

Ion Ratio Lower Upper

43 100

58 31.2 0.0 57.6



#14

Carbon disulfide

Concen: 19.119 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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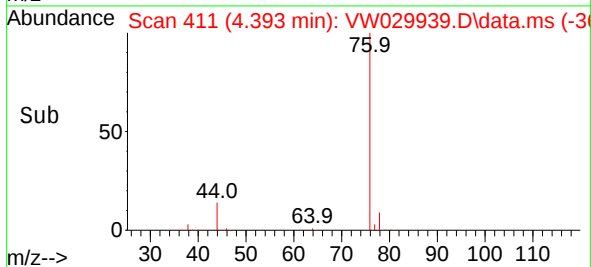
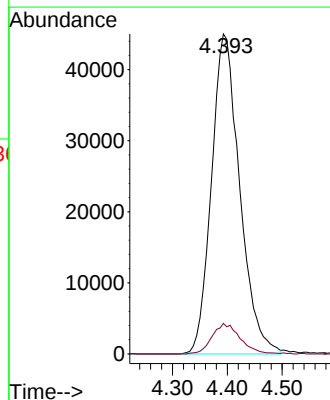
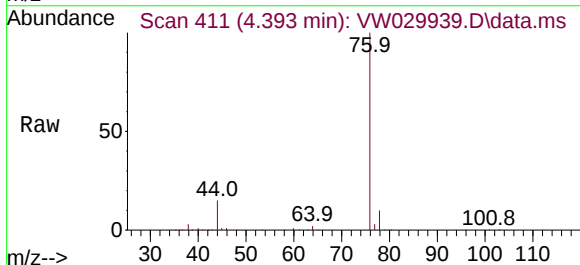
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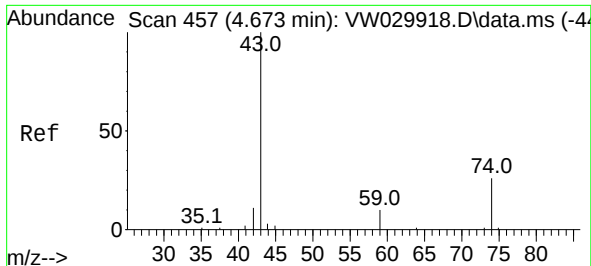
Tgt Ion: 76 Resp: 160959

Ion Ratio Lower Upper

76 100

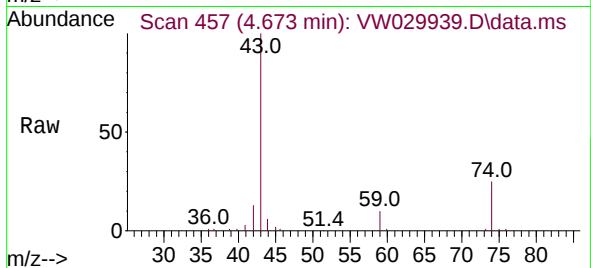
78 9.6 7.6 11.4



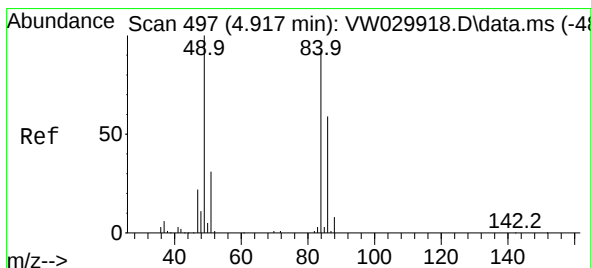
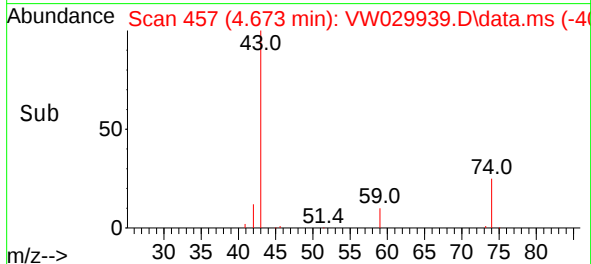
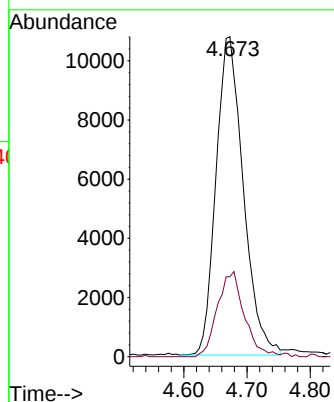


#15
Methyl Acetate
Concen: 21.628 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Instrument :
MSVOA_W
ClientSampleId :

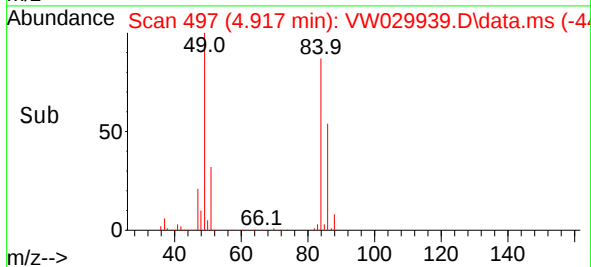
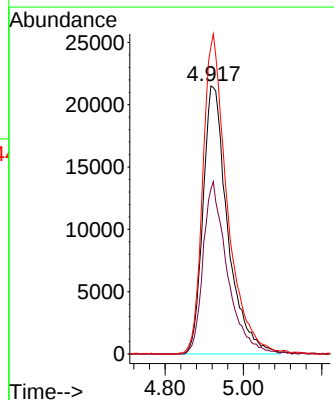
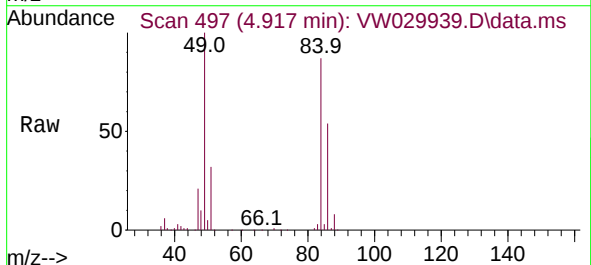


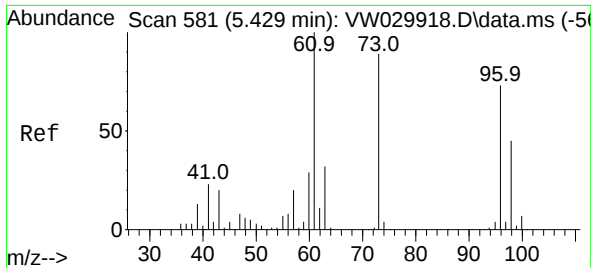
Tgt Ion: 43 Resp: 32259
Ion Ratio Lower Upper
43 100
74 26.2 16.5 24.7#



#16
Methylene chloride
Concen: 24.216 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Tgt Ion: 84 Resp: 93749
Ion Ratio Lower Upper
84 100
86 61.5 44.7 82.9
49 114.7 99.0 184.0

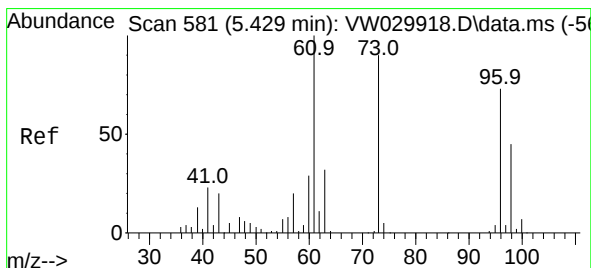
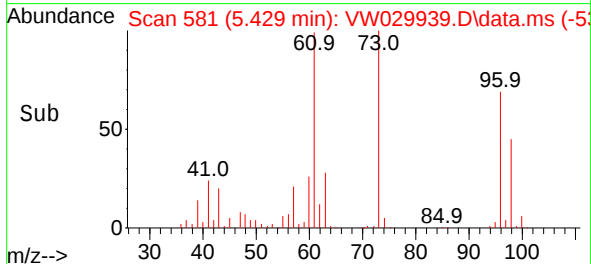
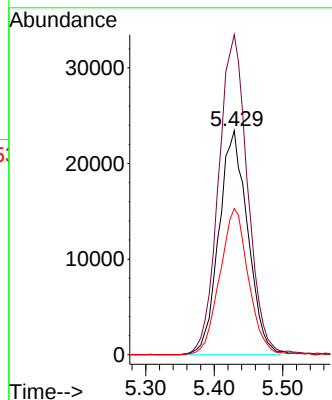
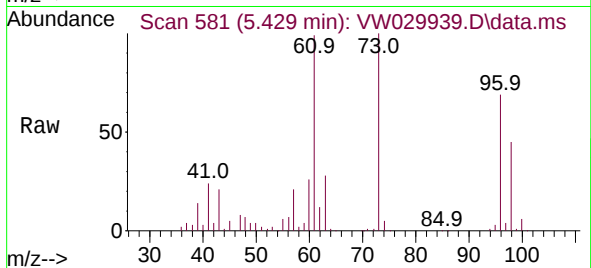




#17
trans-1,2-Dichloroethene
Concen: 25.058 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

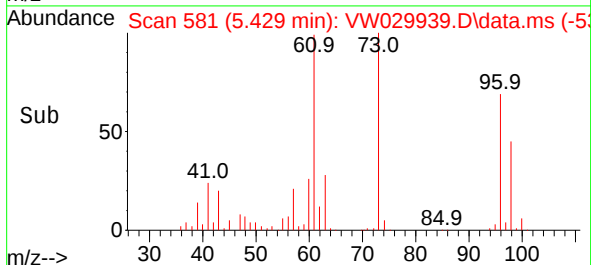
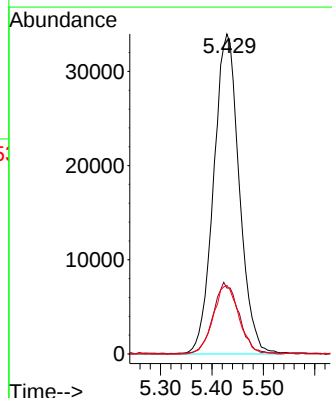
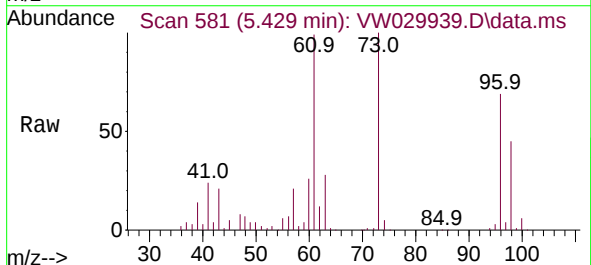
Instrument :
MSVOA_W
ClientSampleId :

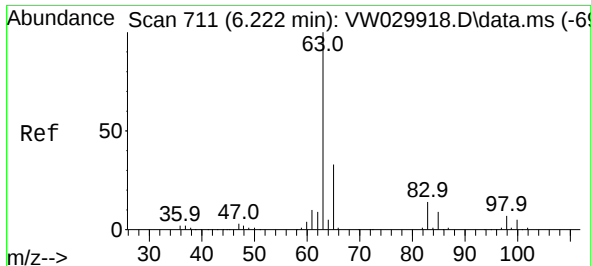
Tgt Ion: 96 Resp: 68313
Ion Ratio Lower Upper
96 100
61 142.9 111.2 206.6
98 65.3 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 26.183 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Tgt Ion: 73 Resp: 117646
Ion Ratio Lower Upper
73 100
43 22.2 18.3 27.5
57 21.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 24.579 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

ClientSampleId :

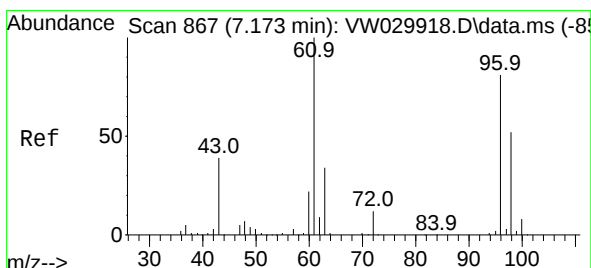
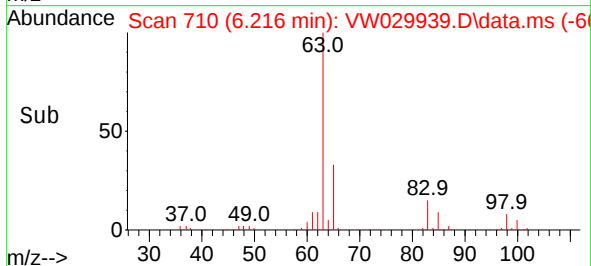
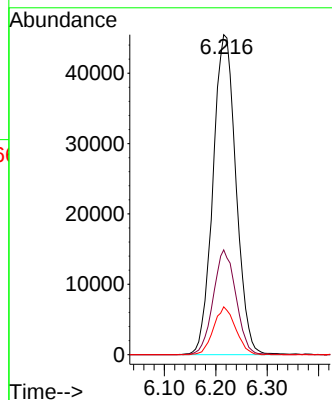
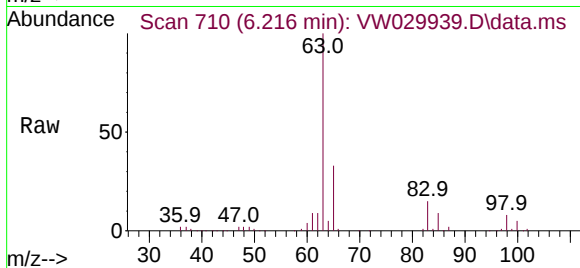
Tgt Ion: 63 Resp: 141324

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 14.9 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 27.373 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

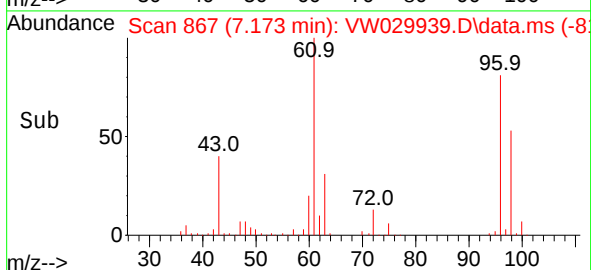
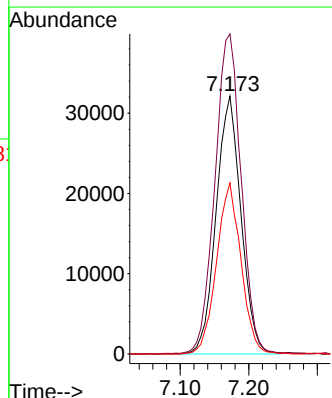
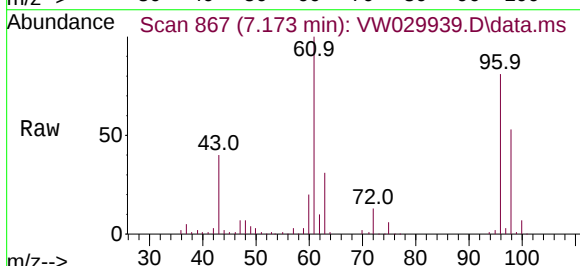
Tgt Ion: 96 Resp: 80946

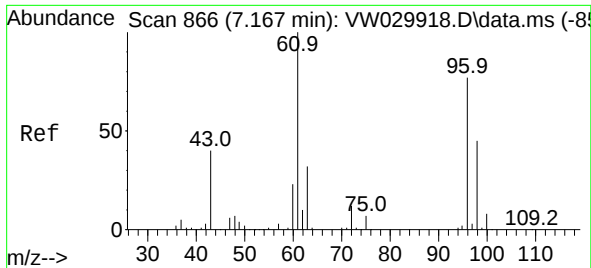
Ion Ratio Lower Upper

96 100

61 124.1 98.2 182.4

98 66.3 41.9 77.9

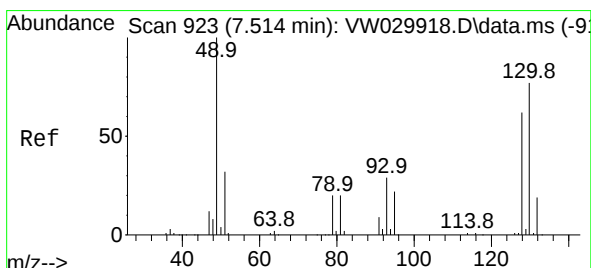
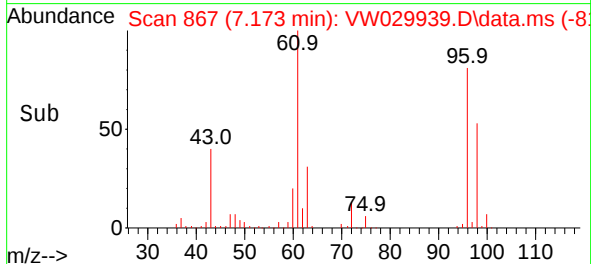
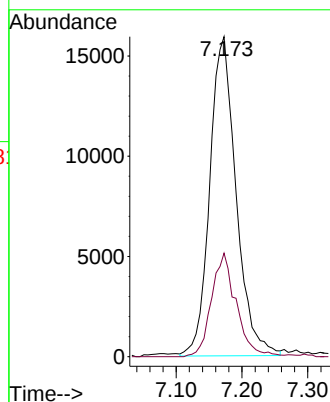
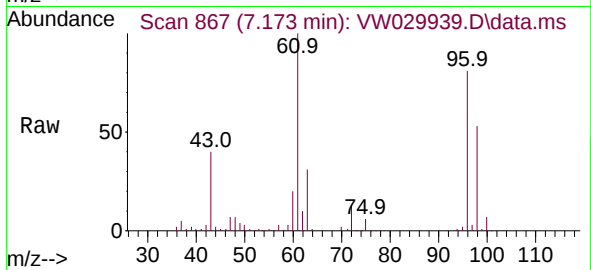




#22
2-Butanone
Concen: 38.730 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

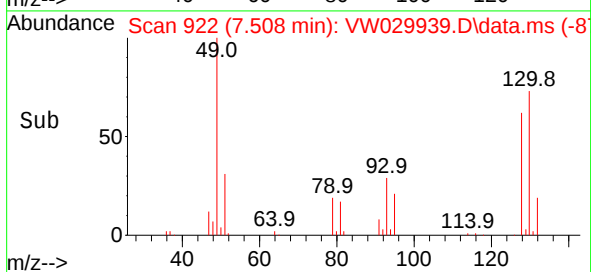
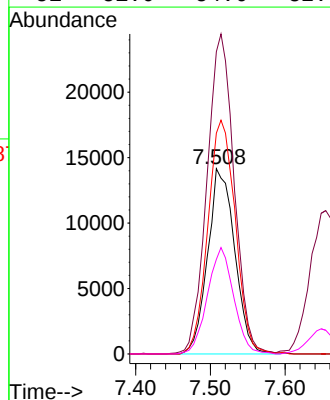
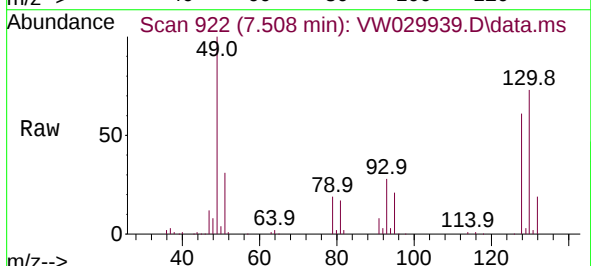
Instrument :
MSVOA_W
ClientSampled :

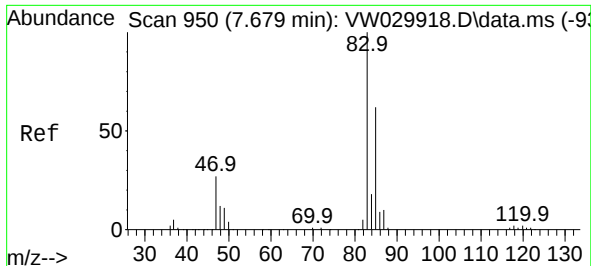
Tgt Ion: 43 Resp: 44439
Ion Ratio Lower Upper
43 100
72 29.9 11.7 35.1



#23
Bromochloromethane
Concen: 28.391 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Tgt Ion:128 Resp: 35643
Ion Ratio Lower Upper
128 100
49 163.2 151.1 280.7
130 119.2 96.8 179.8
51 51.0 54.6 82.0#





#25

Chloroform

Concen: 28.432 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

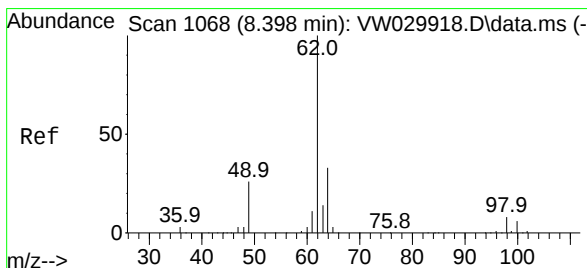
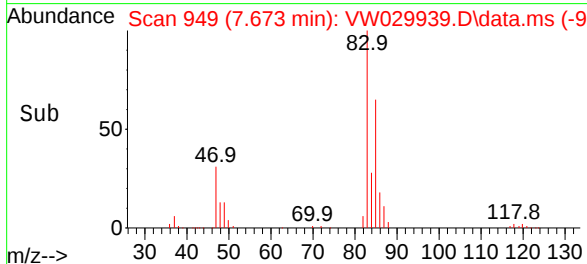
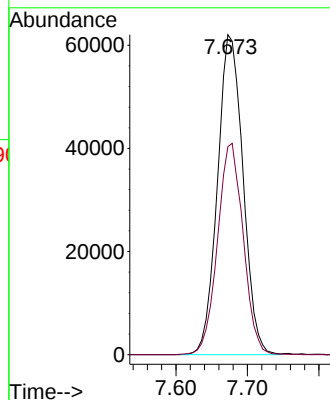
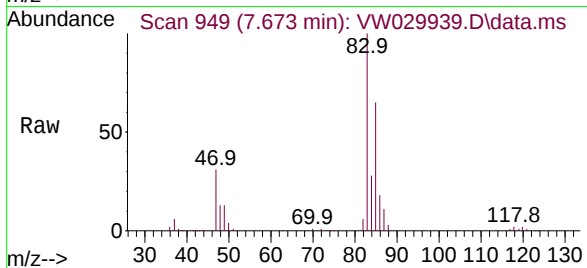
ClientSampleId :

Tgt Ion: 83 Resp: 154023

Ion Ratio Lower Upper

83 100

85 65.0 44.4 82.4



#27

1,2-Dichloroethane

Concen: 27.003 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029939.D

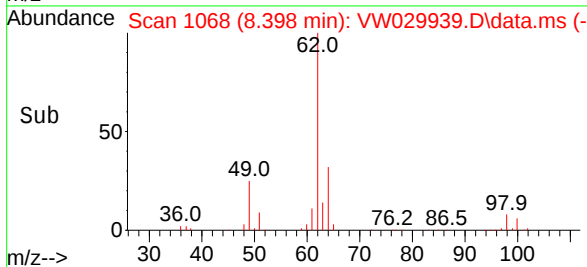
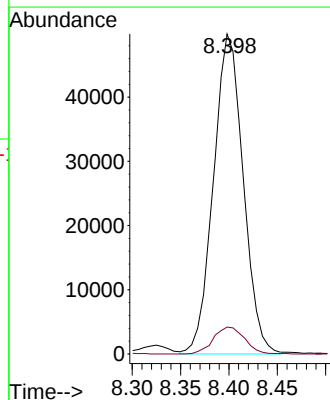
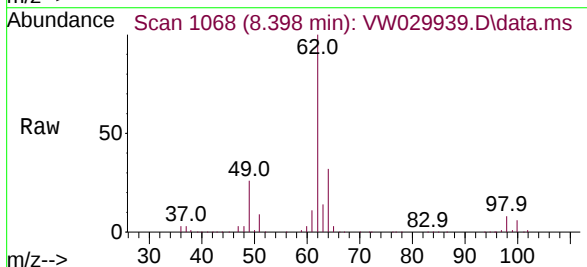
Acq: 16 Aug 2024 18:24

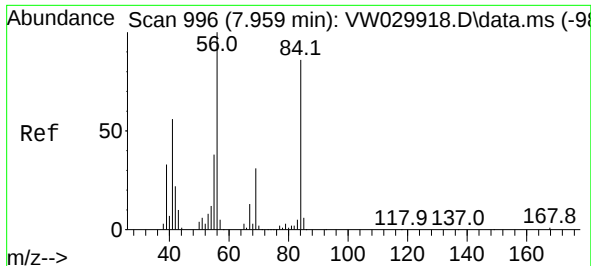
Tgt Ion: 62 Resp: 106604

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 17.800 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

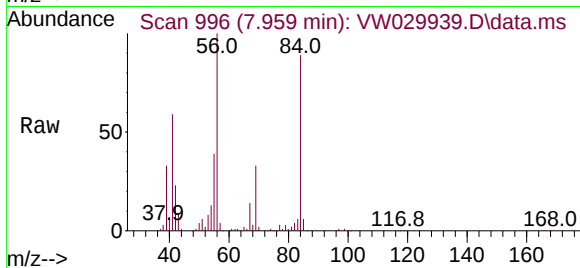
Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

ClientSampleId :



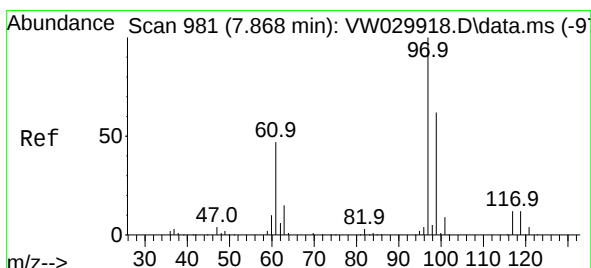
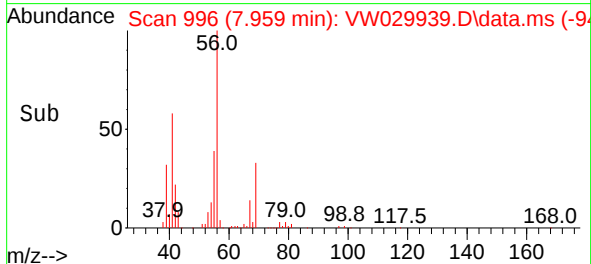
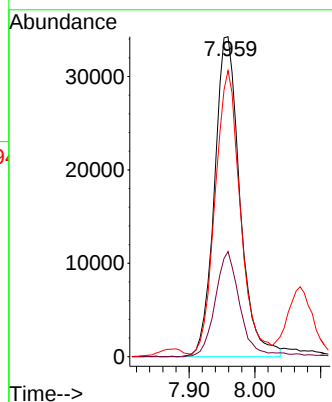
Tgt Ion: 56 Resp: 92098

Ion Ratio Lower Upper

56 100

69 31.2 23.0 34.4

84 88.6 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 25.536 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

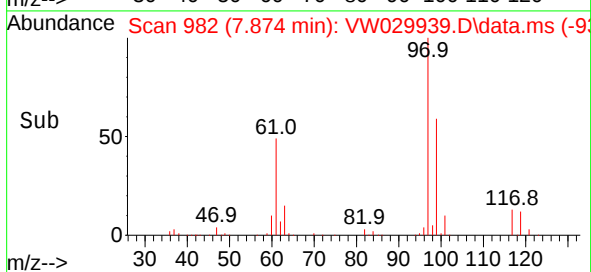
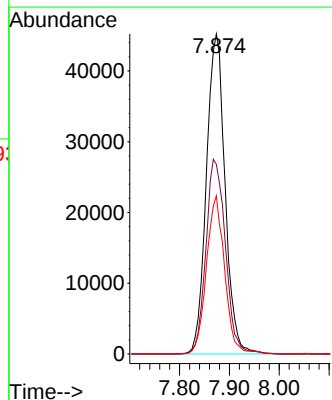
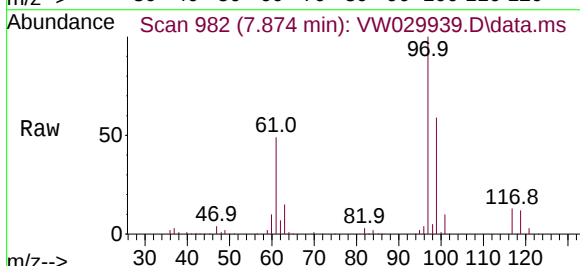
Tgt Ion: 97 Resp: 117740

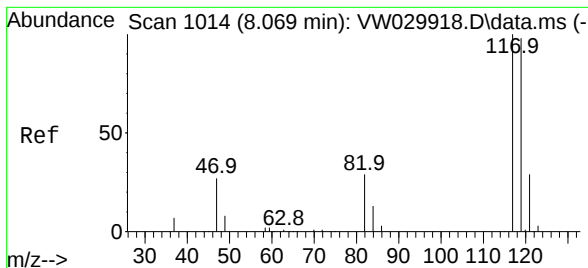
Ion Ratio Lower Upper

97 100

99 63.3 52.1 78.1

61 47.7 42.6 63.8





#31

Carbon tetrachloride

Concen: 24.588 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

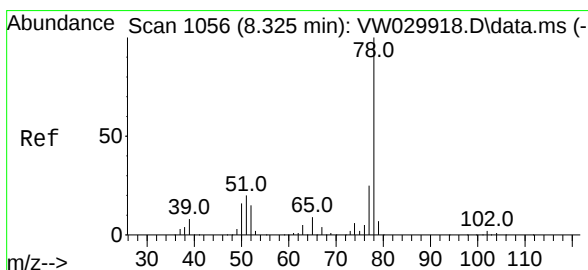
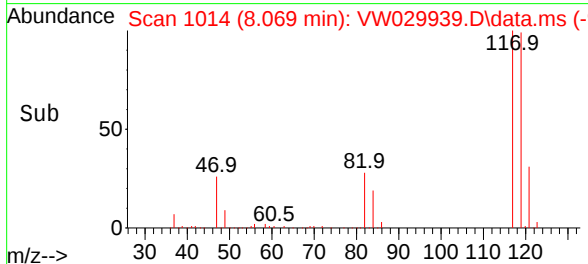
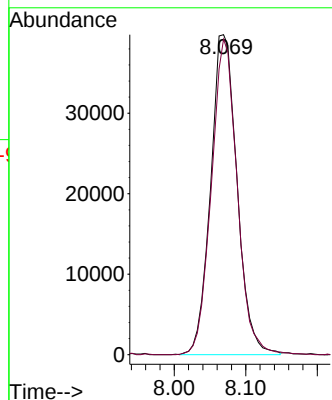
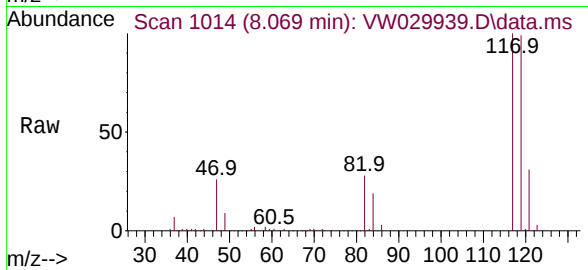
ClientSampleId :

Tgt Ion:117 Resp: 102156

Ion Ratio Lower Upper

117 100

119 96.2 74.8 112.2



#33

Benzene

Concen: 24.740 ug/L

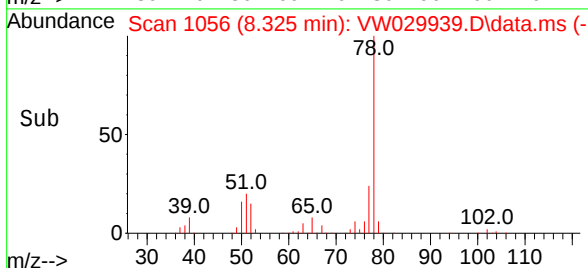
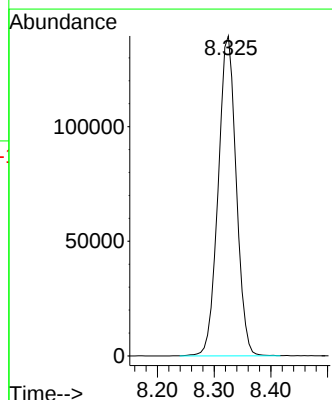
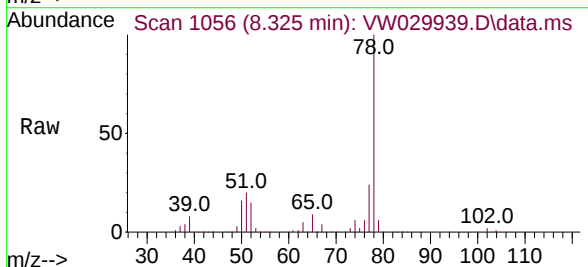
RT: 8.325 min Scan# 1056

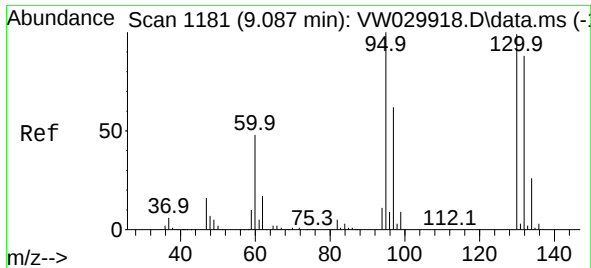
Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Tgt Ion: 78 Resp: 308640





#34

Trichloroethene

Concen: 24.644 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 80596

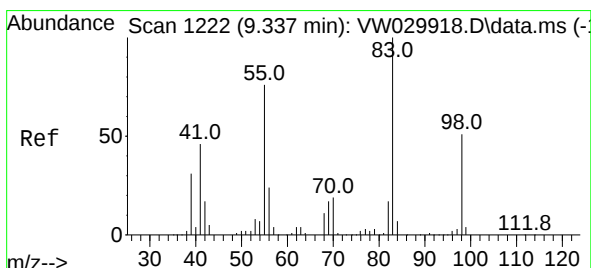
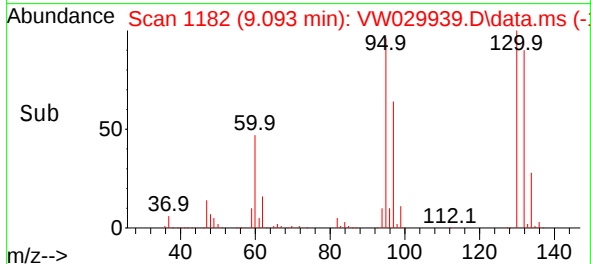
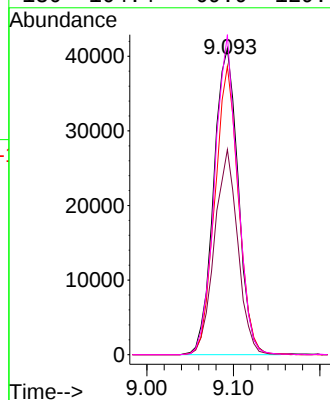
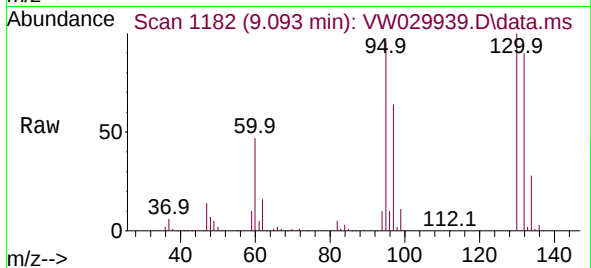
Ion Ratio Lower Upper

95 100

97 67.0 45.6 84.8

132 94.2 65.2 121.0

130 104.4 69.9 129.7



#35

Methylcyclohexane

Concen: 21.027 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

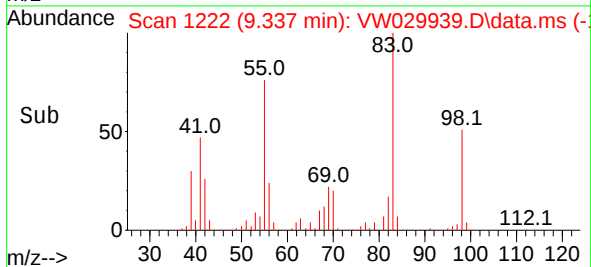
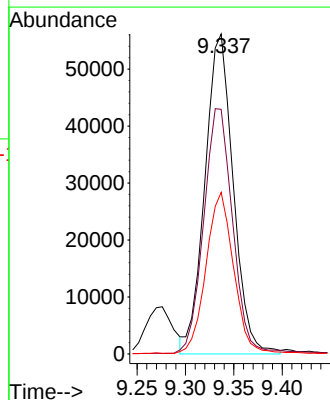
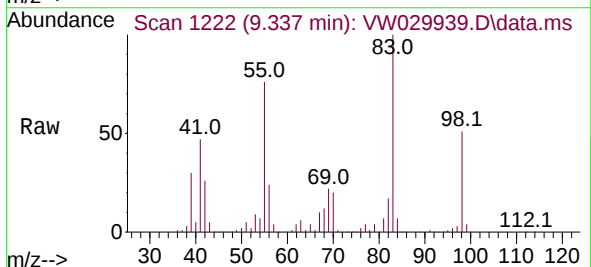
Tgt Ion: 83 Resp: 114585

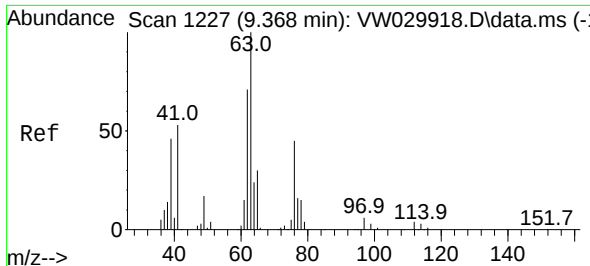
Ion Ratio Lower Upper

83 100

55 78.5 67.4 101.2

98 48.8 36.7 55.1





#37

1,2-Dichloropropane

Concen: 24.054 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

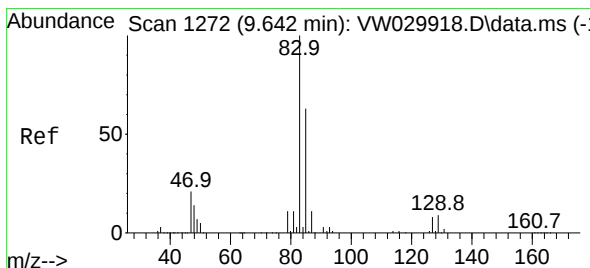
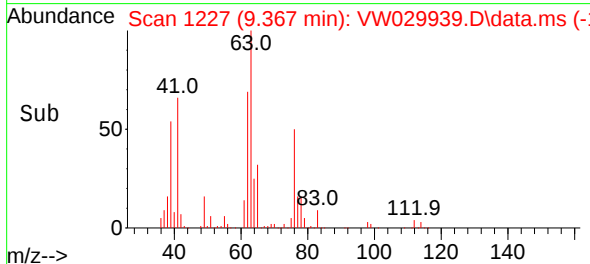
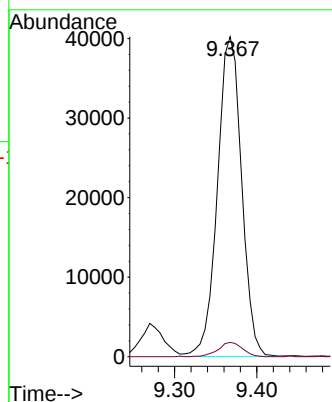
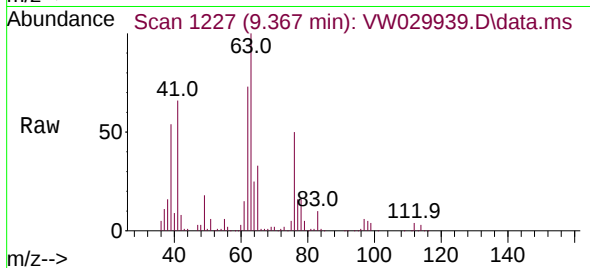
ClientSampleId :

Tgt Ion: 63 Resp: 82234

Ion Ratio Lower Upper

63 100

112 4.5 3.3 4.9



#38

Bromodichloromethane

Concen: 27.424 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

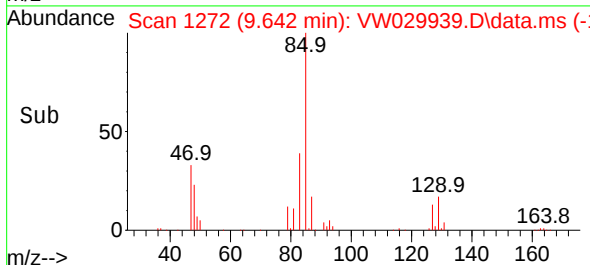
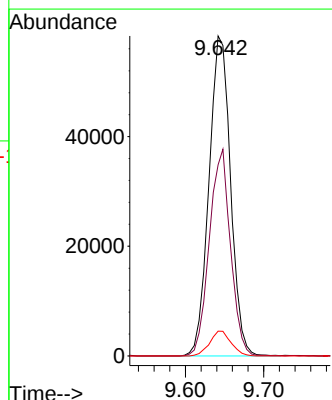
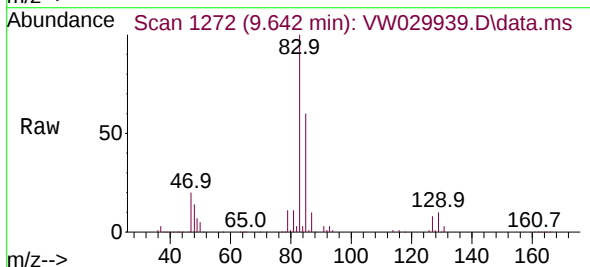
Tgt Ion: 83 Resp: 111644

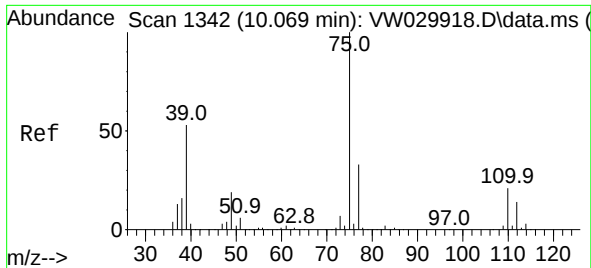
Ion Ratio Lower Upper

83 100

85 59.8 46.6 86.6

127 7.8 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 23.953 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

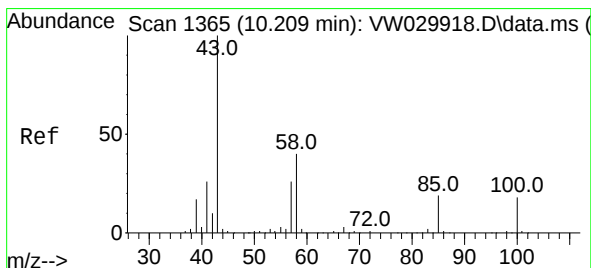
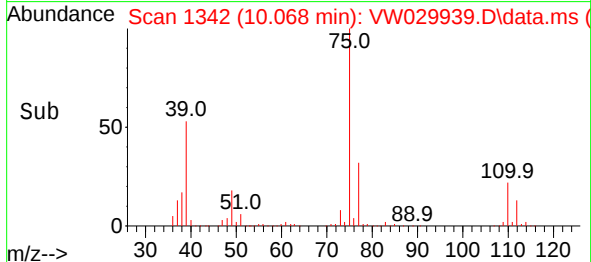
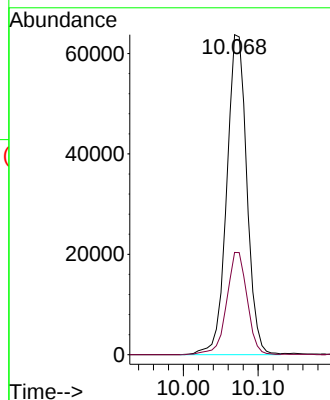
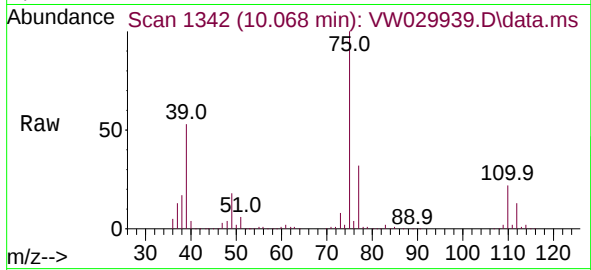
ClientSampleId :

Tgt Ion: 75 Resp: 119257

Ion Ratio Lower Upper

75 100

77 32.0 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 45.297 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

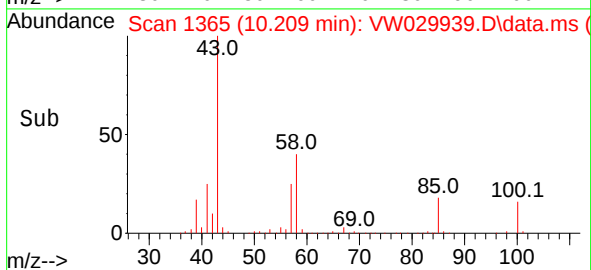
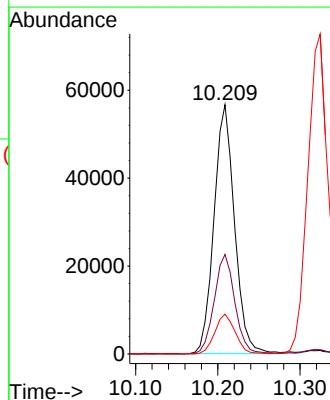
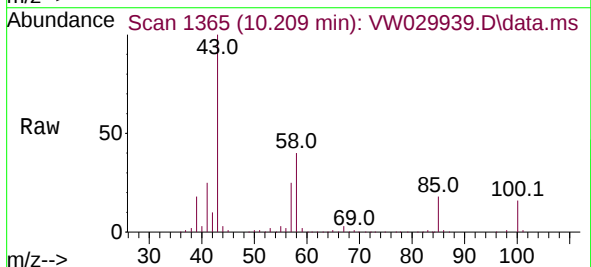
Tgt Ion: 43 Resp: 98362

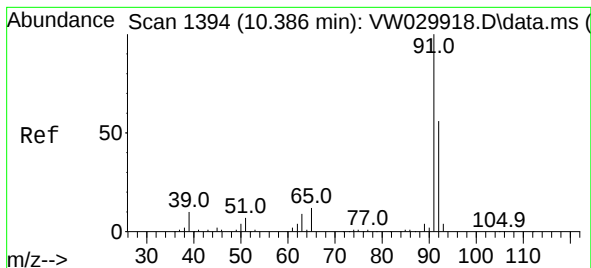
Ion Ratio Lower Upper

43 100

58 40.1 28.7 43.1

100 15.9 10.0 15.0#





#42

Toluene

Concen: 26.335 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

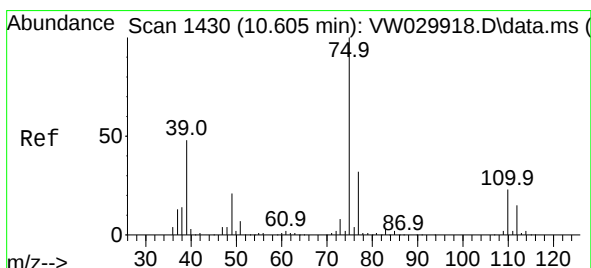
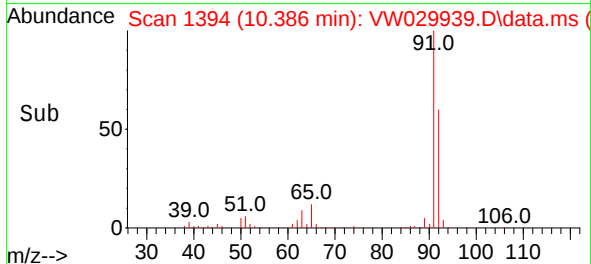
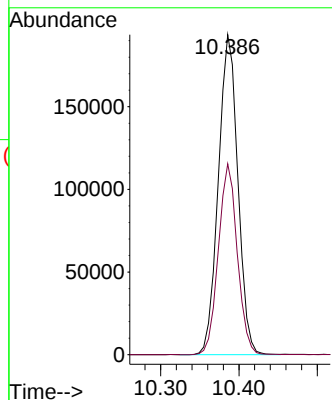
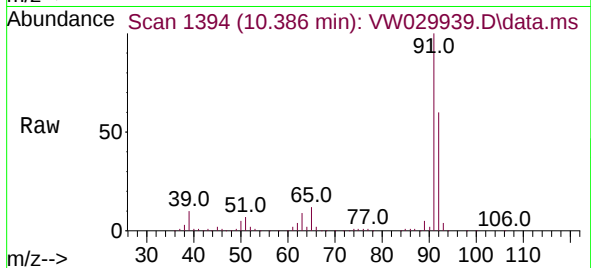
ClientSampleId :

Tgt Ion: 91 Resp: 335340

Ion Ratio Lower Upper

91 100

92 59.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 25.458 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029939.D

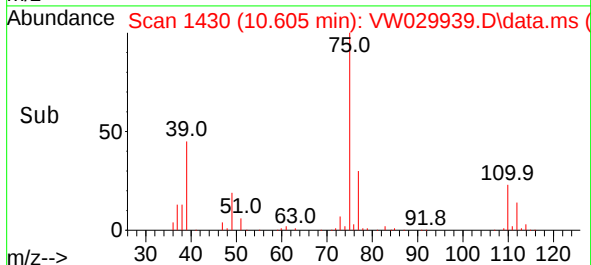
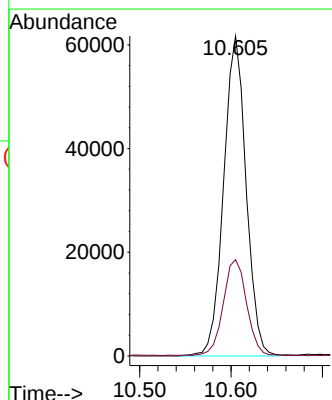
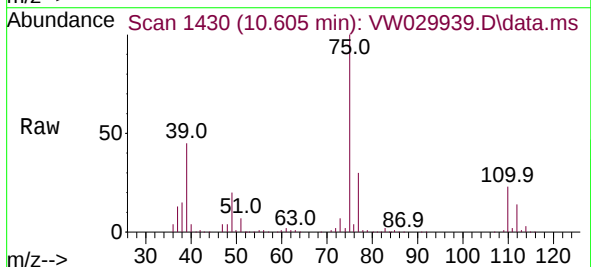
Acq: 16 Aug 2024 18:24

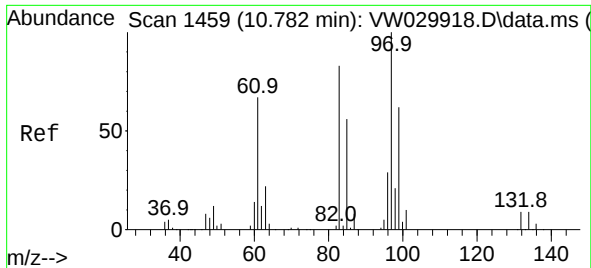
Tgt Ion: 75 Resp: 105220

Ion Ratio Lower Upper

75 100

77 30.1 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 28.324 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 65052

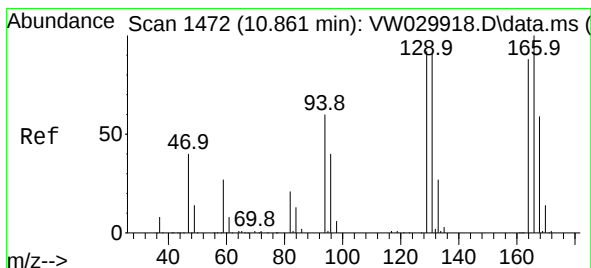
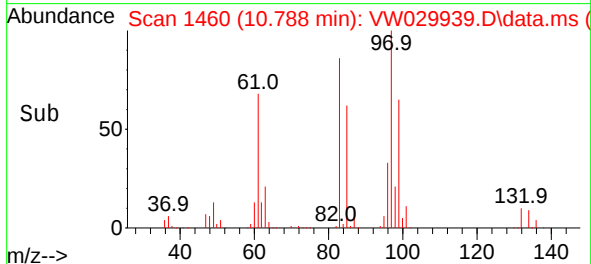
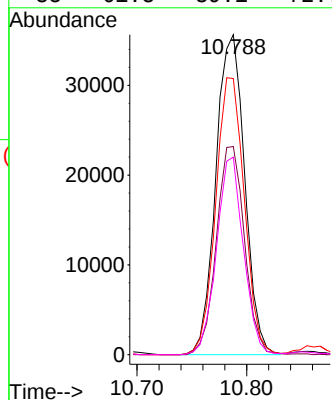
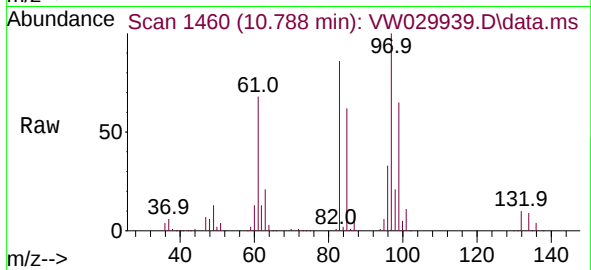
Ion Ratio Lower Upper

97 100

99 65.1 40.1 74.5

83 86.3 58.5 108.7

85 61.8 39.1 72.7



#46

Tetrachloroethene

Concen: 23.745 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Tgt Ion:164 Resp: 56440

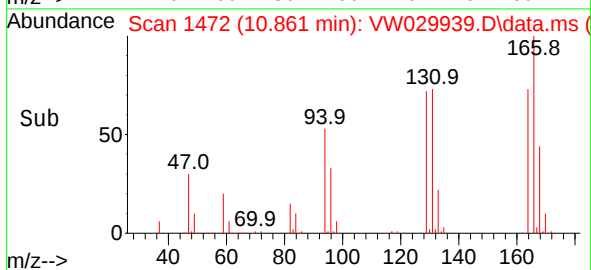
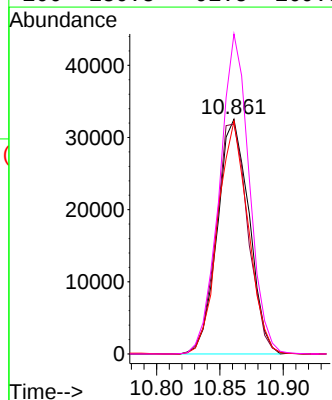
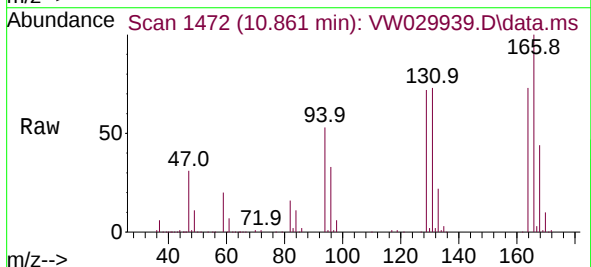
Ion Ratio Lower Upper

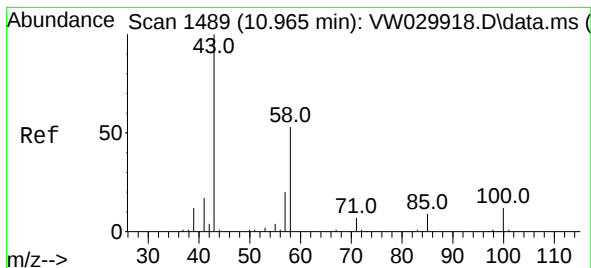
164 100

129 98.0 77.8 144.6

131 99.2 70.9 131.7

166 136.3 91.5 169.9





#48

2-Hexanone

Concen: 43.705 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

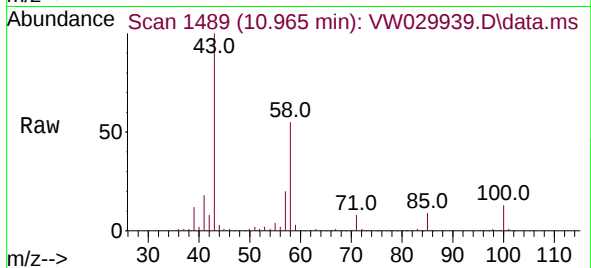
Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 71079

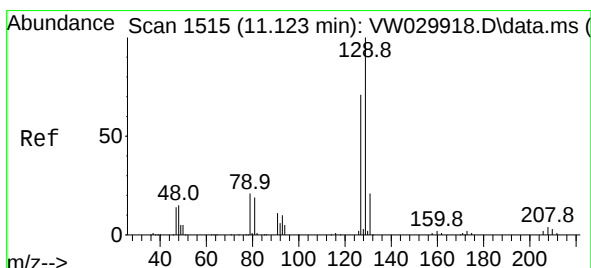
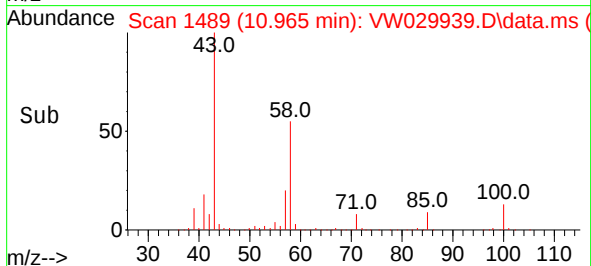
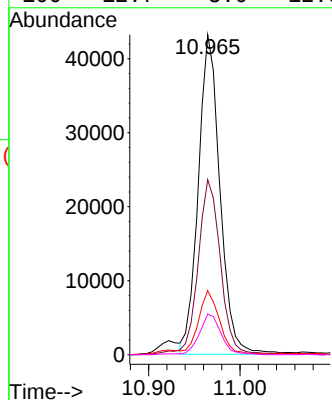
Ion Ratio Lower Upper

43 100

58 56.9 41.0 61.4

57 19.7 14.1 21.1

100 12.7 8.0 12.0#



#49

Dibromochloromethane

Concen: 29.087 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029939.D

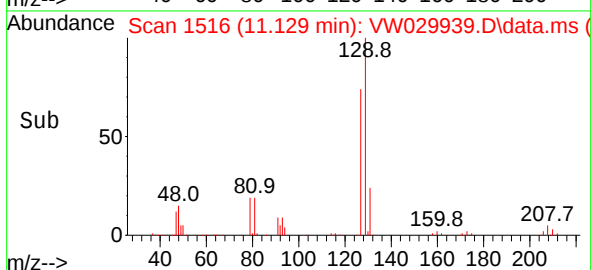
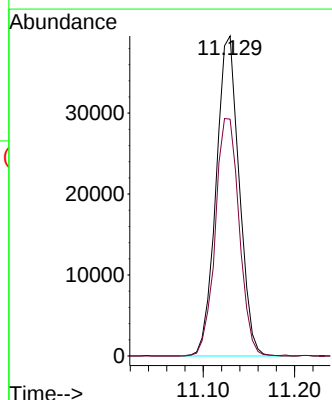
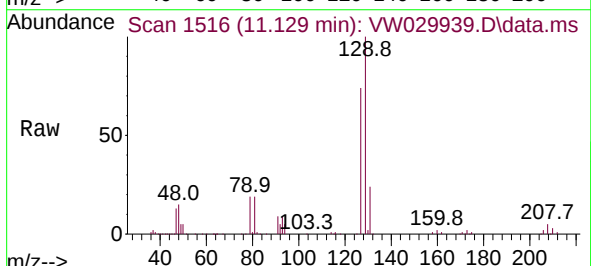
Acq: 16 Aug 2024 18:24

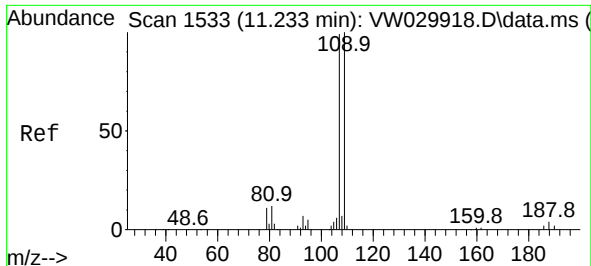
Tgt Ion:129 Resp: 69349

Ion Ratio Lower Upper

129 100

127 74.0 52.4 97.2





#50

1,2-Dibromoethane

Concen: 27.820 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

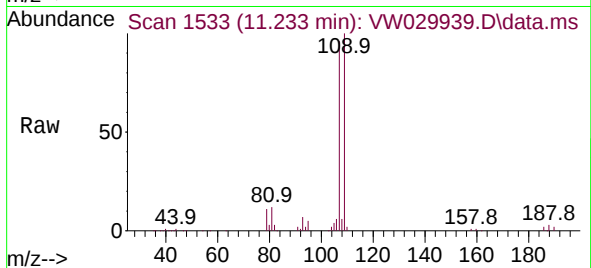
Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

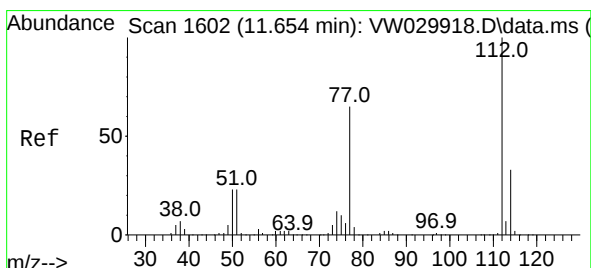
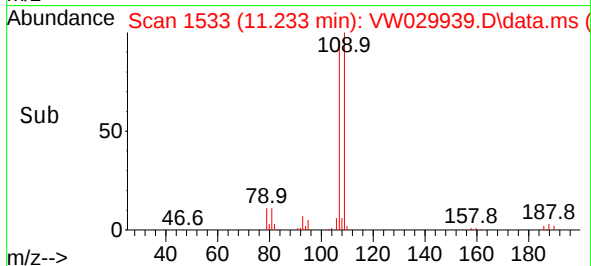
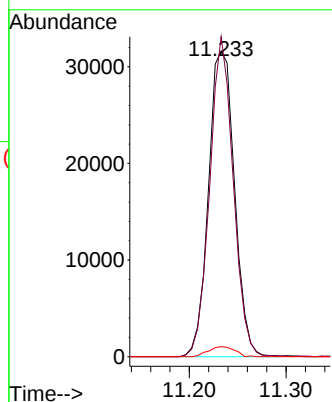
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	59119
Ion	Ratio	Lower	Upper
107	100		
109	104.7	64.8	120.3
188	3.2	2.7	4.1



#51

Chlorobenzene

Concen: 26.814 ug/L

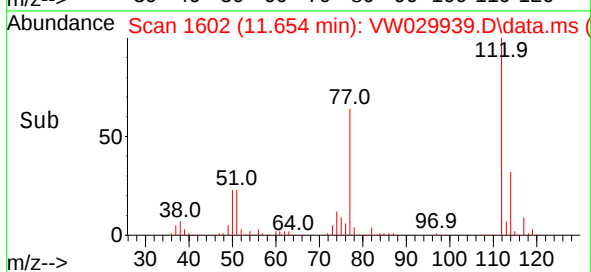
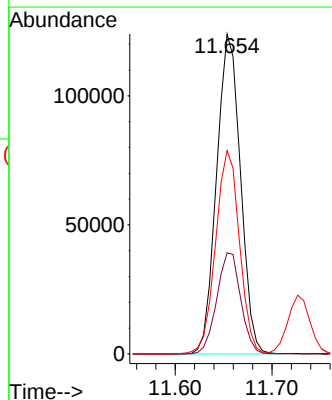
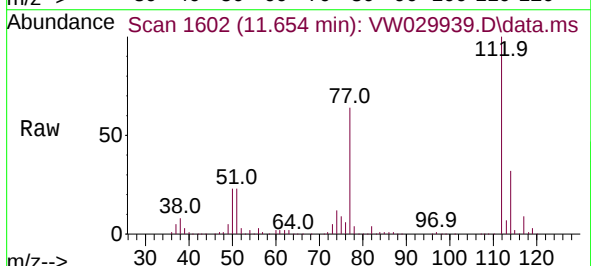
RT: 11.654 min Scan# 1602

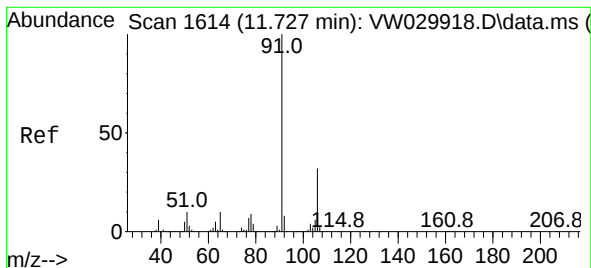
Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Tgt Ion:	112	Resp:	212386
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.0	40.8
77	63.6	53.8	80.8

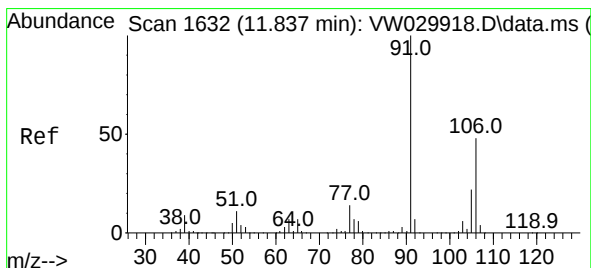
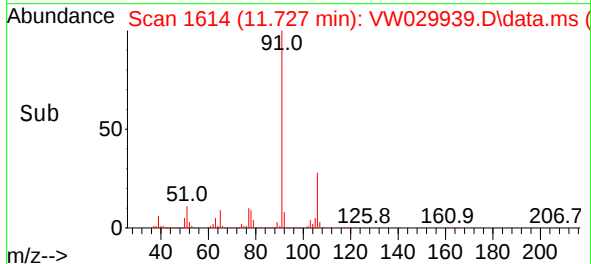
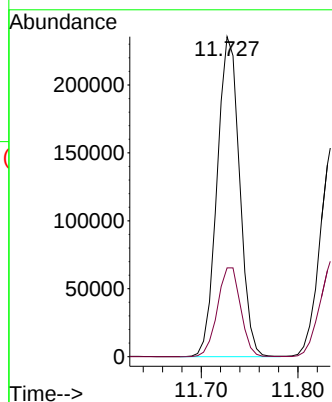
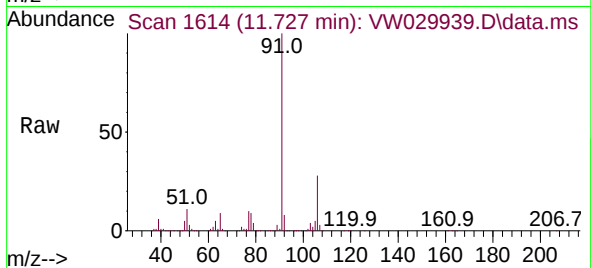




#52
Ethylbenzene
Concen: 26.463 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

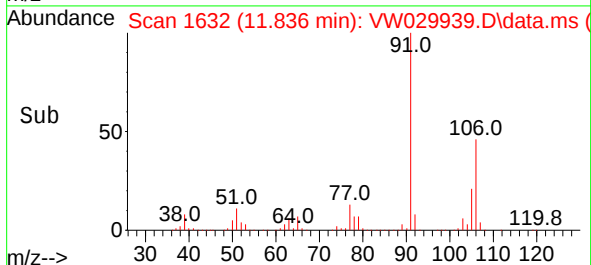
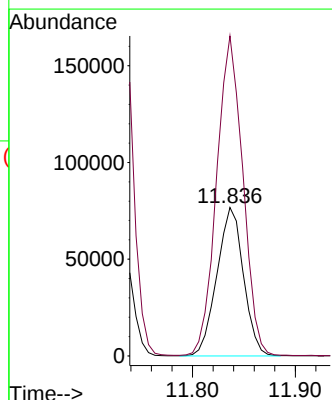
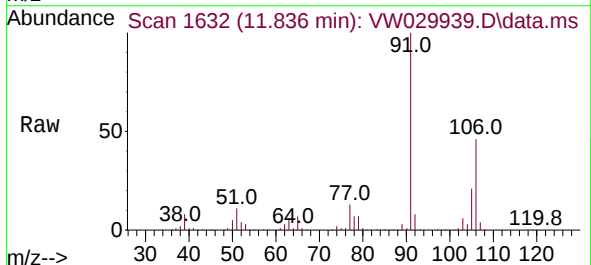
Instrument :
MSVOA_W
ClientSampleId :

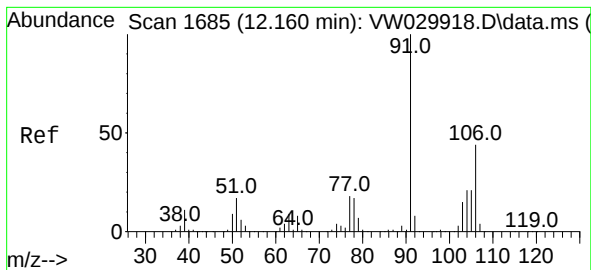
Tgt Ion: 91 Resp: 380106
Ion Ratio Lower Upper
91 100
106 27.7 20.4 38.0



#53
m,p-Xylene
Concen: 26.060 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Tgt Ion:106 Resp: 137668
Ion Ratio Lower Upper
106 100
91 215.6 151.4 281.2





#54

o-Xylene

Concen: 27.087 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

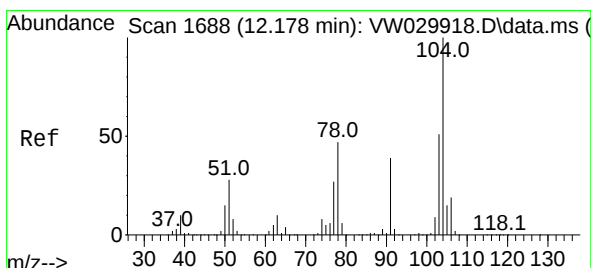
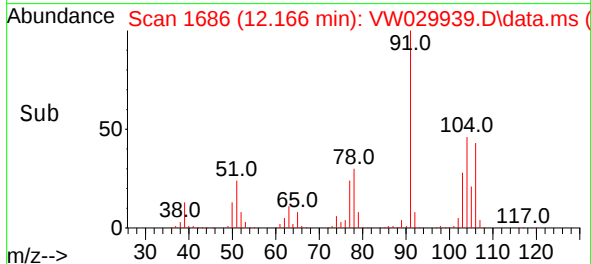
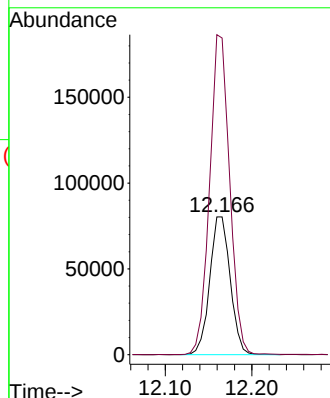
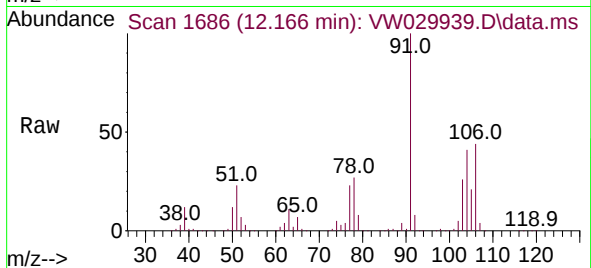
ClientSampleId :

Tgt Ion:106 Resp: 131768

Ion Ratio Lower Upper

106 100

91 229.8 155.8 289.4



#55

Styrene

Concen: 28.775 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029939.D

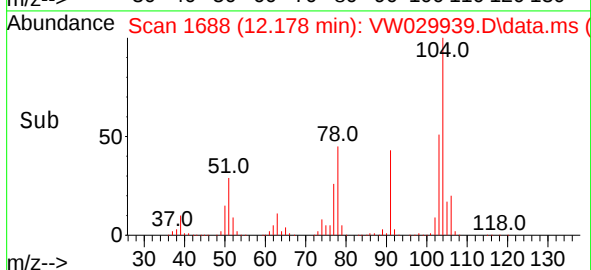
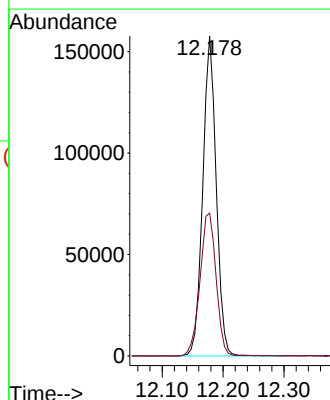
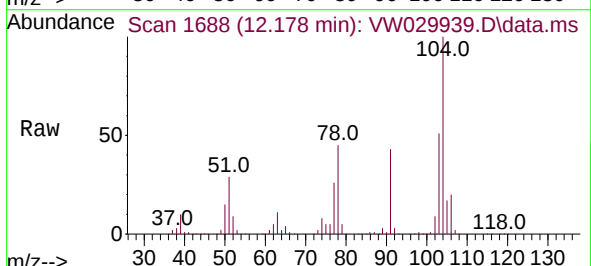
Acq: 16 Aug 2024 18:24

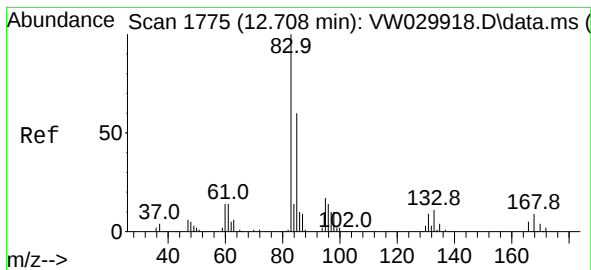
Tgt Ion:104 Resp: 242636

Ion Ratio Lower Upper

104 100

78 44.6 33.3 61.9

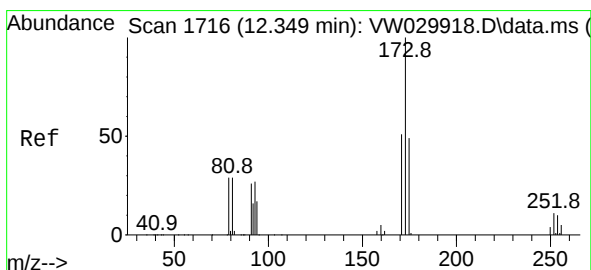
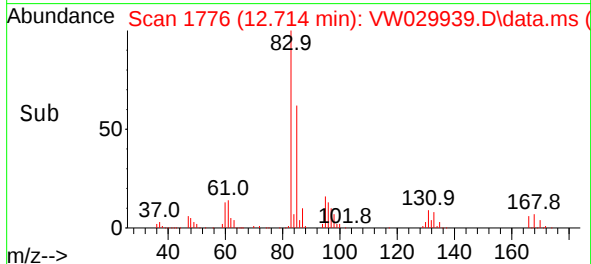
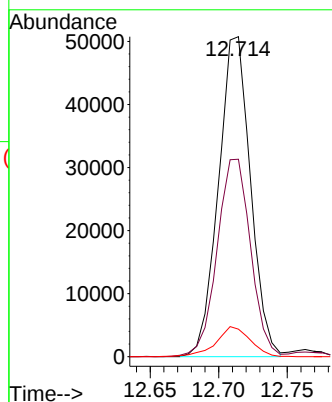
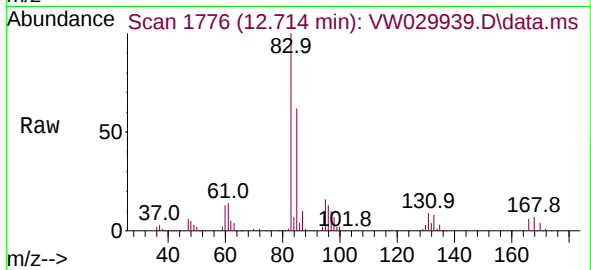




#57
1,1,2,2-Tetrachloroethane
Concen: 29.298 ug/L
RT: 12.714 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

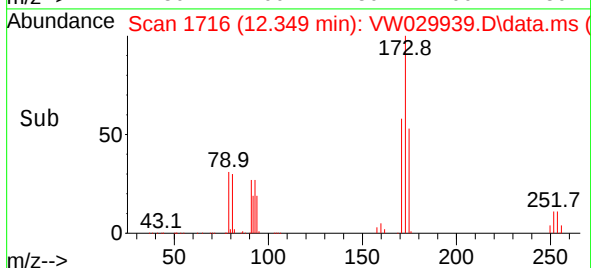
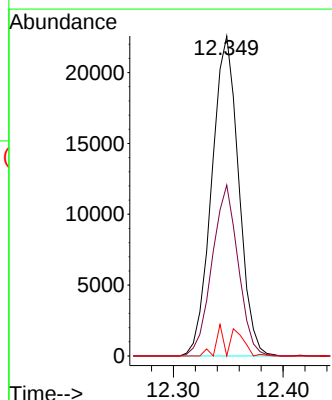
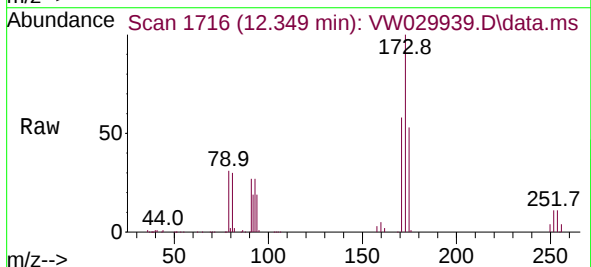
Instrument :
MSVOA_W
ClientSampleId :

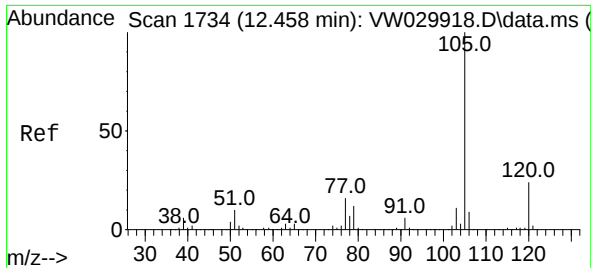
Tgt Ion: 83 Resp: 82588
Ion Ratio Lower Upper
83 100
85 61.7 44.2 82.0
131 8.6 6.2 9.2



#59
Bromoform
Concen: 27.837 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Tgt Ion:173 Resp: 38505
Ion Ratio Lower Upper
173 100
175 51.8 38.1 57.1
254 2.1 7.8 11.6#

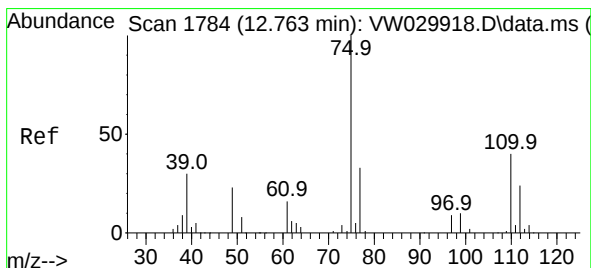
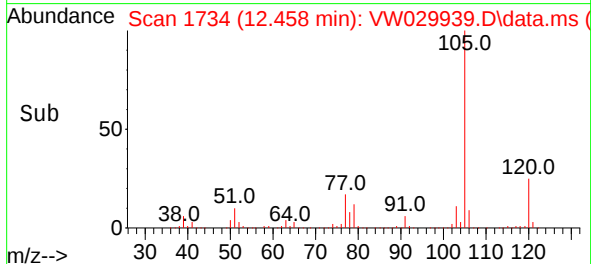
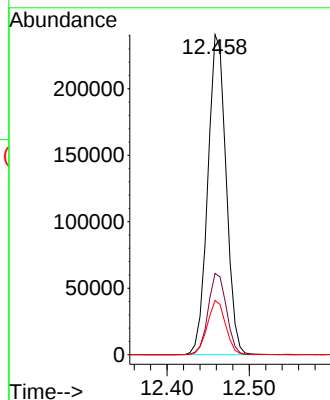
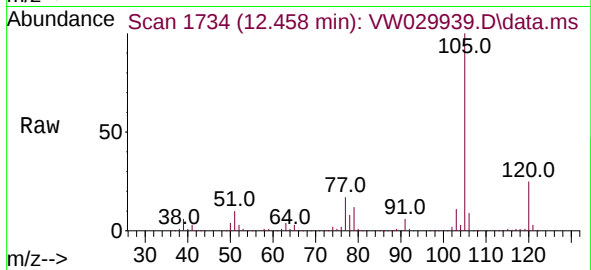




#60
Isopropylbenzene
Concen: 26.119 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

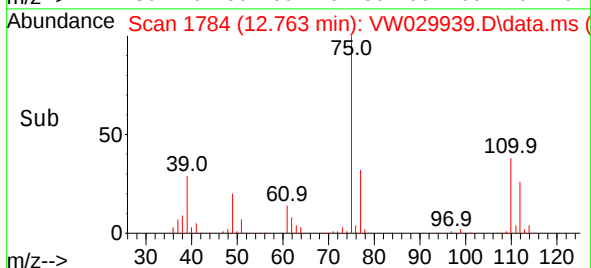
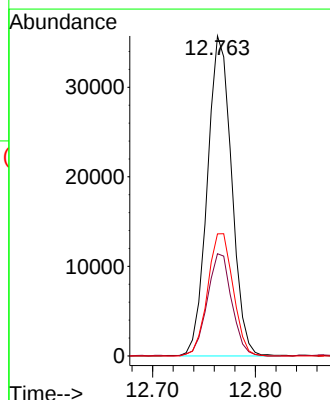
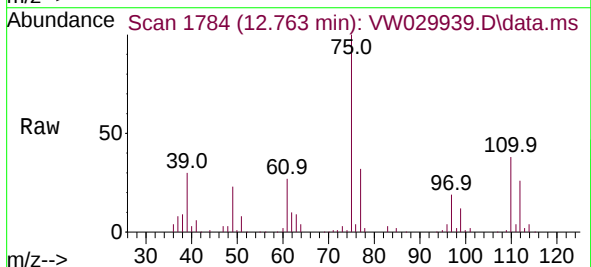
Instrument :
MSVOA_W
ClientSampleId :

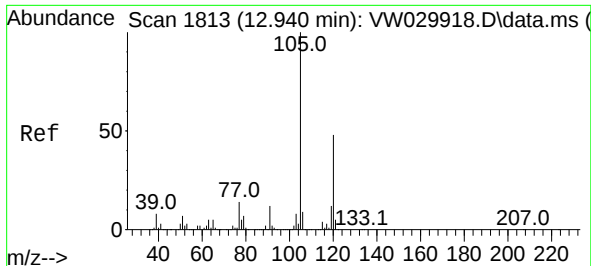
Tgt Ion:105 Resp: 371539
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5
77 16.9 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 26.241 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Tgt Ion: 75 Resp: 58669
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 40.0 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 28.443 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

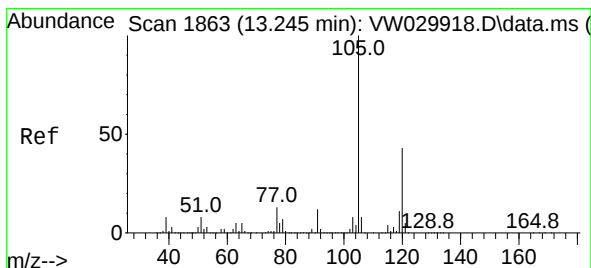
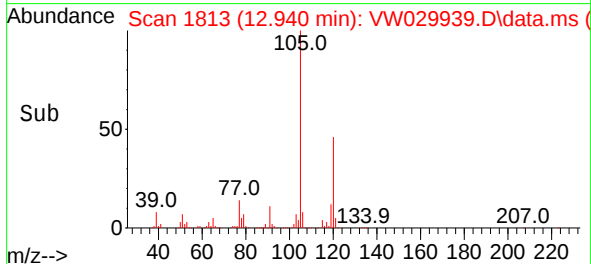
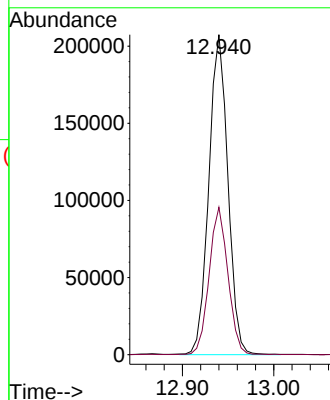
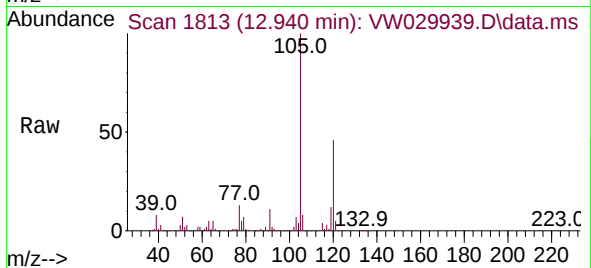
ClientSampleId :

Tgt Ion:105 Resp: 300739

Ion Ratio Lower Upper

105 100

120 45.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 26.647 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029939.D

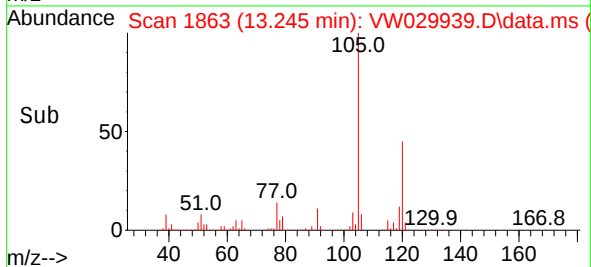
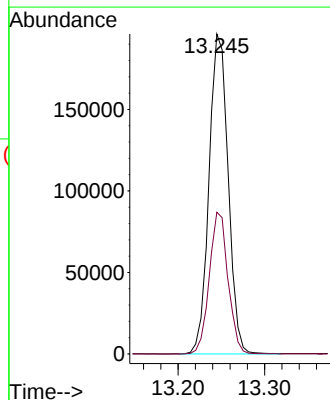
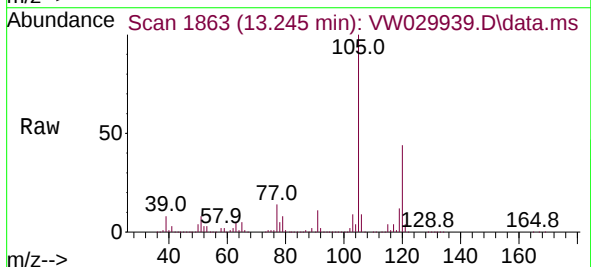
Acq: 16 Aug 2024 18:24

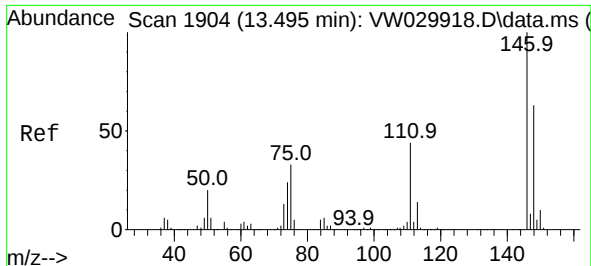
Tgt Ion:105 Resp: 301317

Ion Ratio Lower Upper

105 100

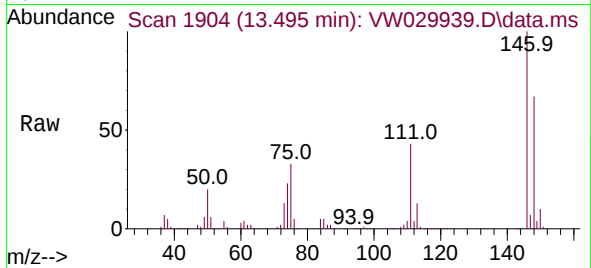
120 43.3 35.4 53.0



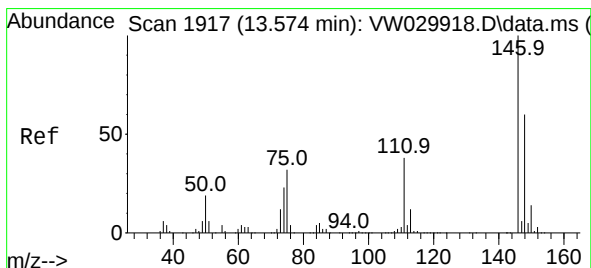
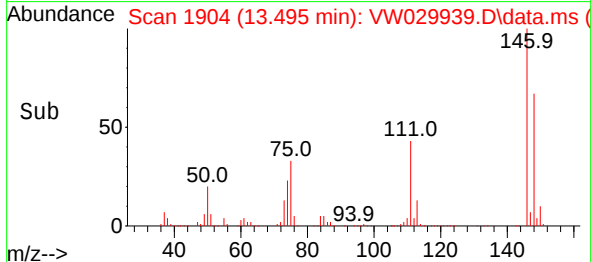
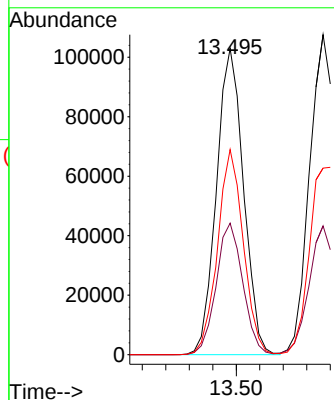


#64
1,3-Dichlorobenzene
Concen: 27.165 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Instrument :
MSVOA_W
ClientSampleId :

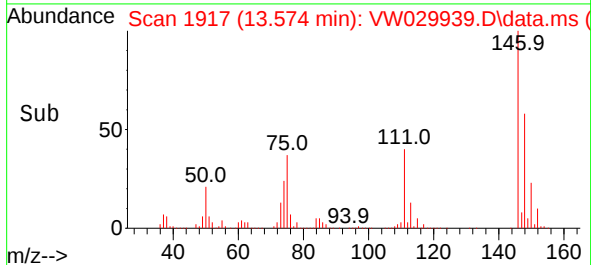
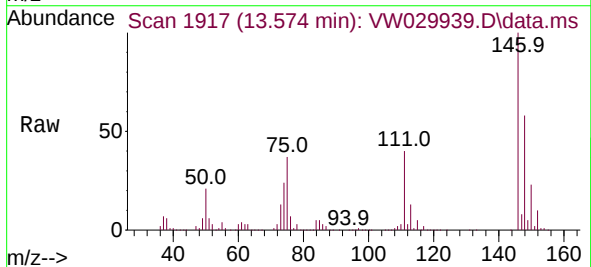
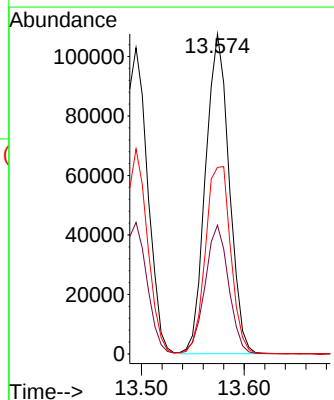


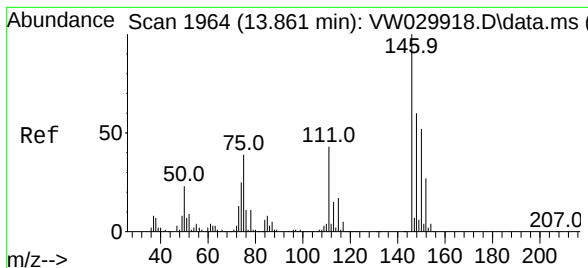
Tgt Ion:146 Resp: 164868
Ion Ratio Lower Upper
146 100
111 43.0 28.7 53.3
148 67.0 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 27.618 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

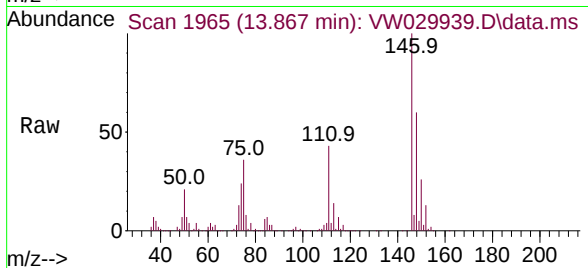
Tgt Ion:146 Resp: 172174
Ion Ratio Lower Upper
146 100
111 40.3 30.1 55.9
148 58.3 45.4 84.4



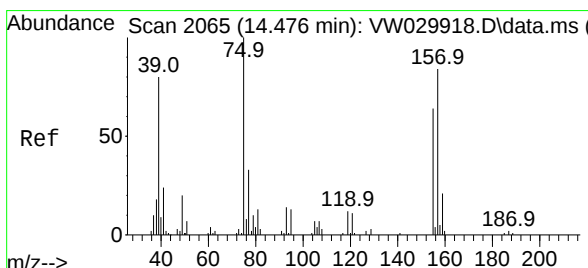
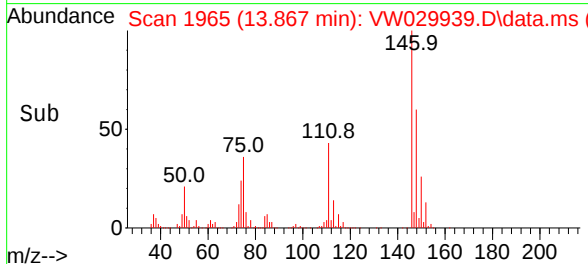
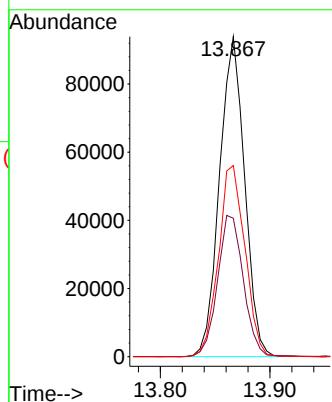


#67
1,2-Dichlorobenzene
Concen: 27.040 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Instrument :
MSVOA_W
ClientSampleId :

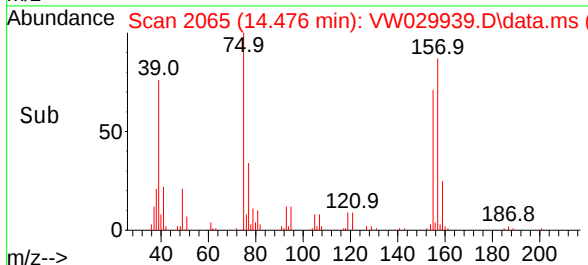
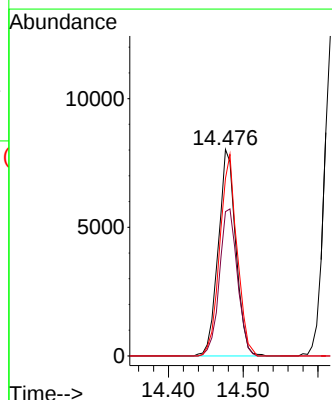
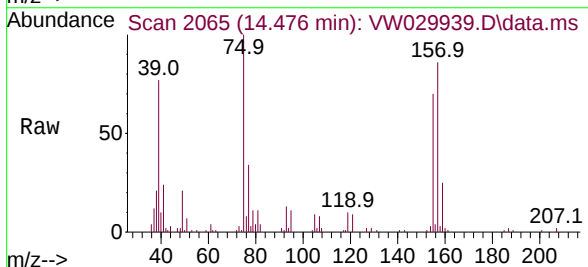


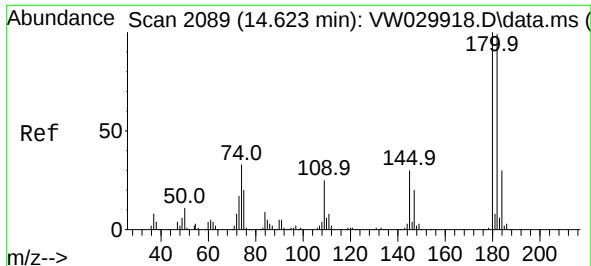
Tgt Ion:146 Resp: 149409
Ion Ratio Lower Upper
146 100
111 43.3 35.8 53.8
148 59.8 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 25.825 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Tgt Ion: 75 Resp: 13110
Ion Ratio Lower Upper
75 100
155 69.9 47.8 71.6
157 86.0 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 25.779 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

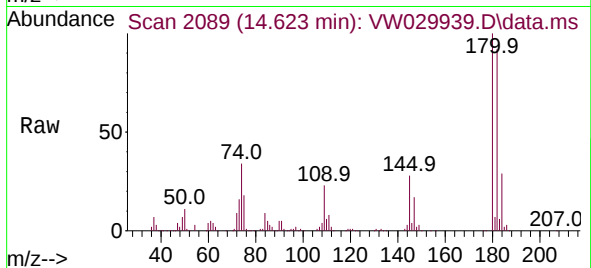
Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 107044

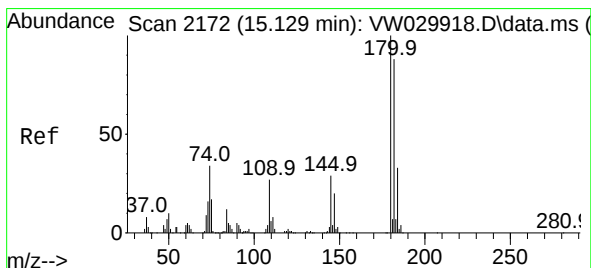
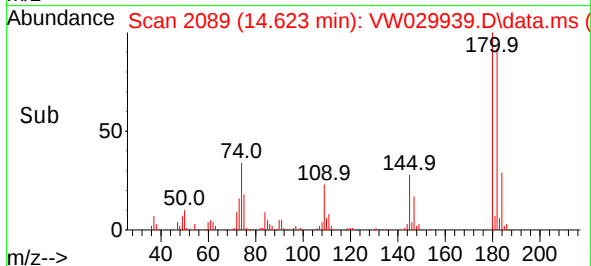
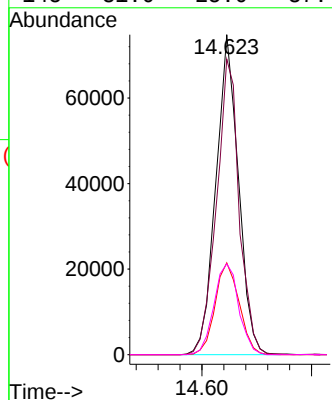
Ion Ratio Lower Upper

180 100

182 93.1 72.7 109.1

184 30.7 23.3 34.9

145 31.0 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 26.713 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029939.D

Acq: 16 Aug 2024 18:24

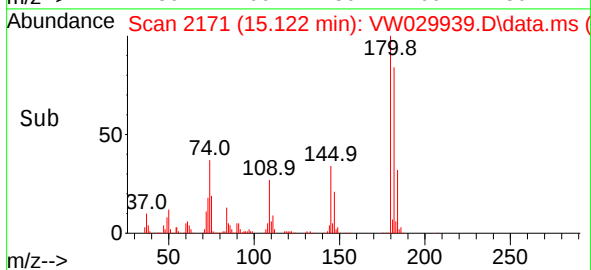
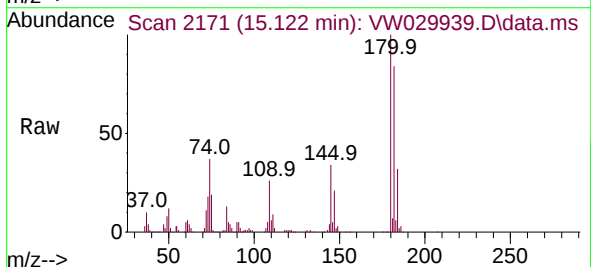
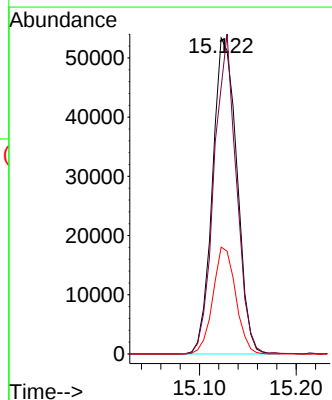
Tgt Ion:180 Resp: 93450

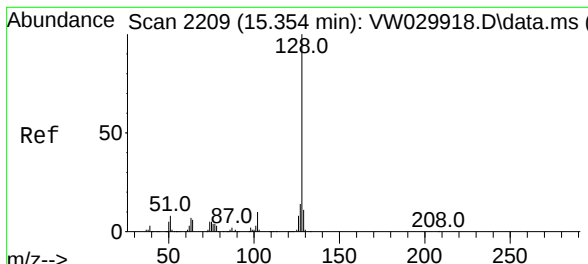
Ion Ratio Lower Upper

180 100

182 92.5 80.2 120.4

145 31.5 26.3 39.5



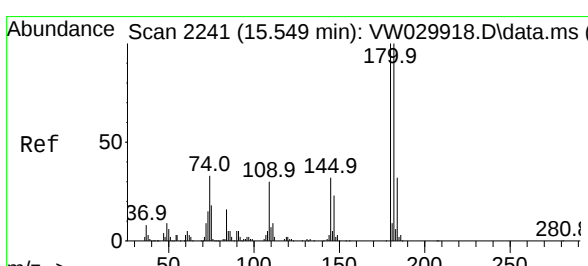
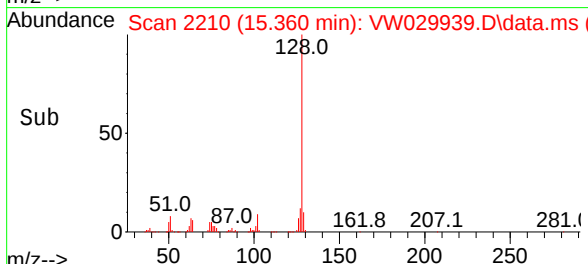
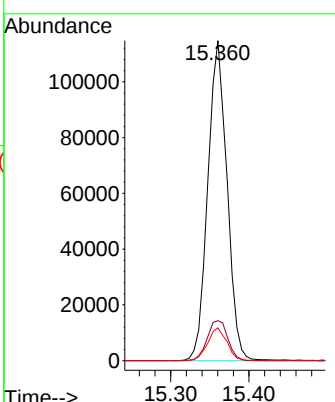
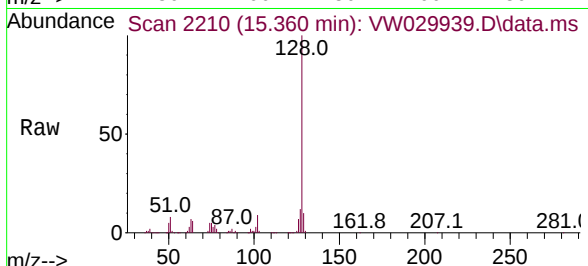


#71
Naphthalene
Concen: 29.337 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 195825

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.3	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.036 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW029939.D
Acq: 16 Aug 2024 18:24

Tgt Ion:180 Resp: 85605

Ion	Ratio	Lower	Upper
180	100		
182	97.8	74.0	111.0
145	33.3	27.5	41.3

