

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081524\
 Data File : VW029916.D
 Acq On : 15 Aug 2024 19:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 16 01:17:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 16 01:14:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	192069	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	183691	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	91922	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	57480	21.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
7) Chloroethane-d5	2.893	69	51489	26.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	4.021	65	24707	19.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.400%
21) 2-Butanone-d5	7.075	46	33265	44.510	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.020%
24) Chloroform-d	7.648	84	133985	26.948	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	8.307	65	75078	26.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.040%
32) Benzene-d6	8.276	84	240059	24.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.760%
36) 1,2-Dichloropropane-d6	9.270	67	74596	23.538	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	10.319	98	219196	24.838	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.360%
43) trans-1,3-Dichloroprop...	10.575	79	31770	24.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.080%
47) 2-Hexanone-d5	10.922	63	26227	50.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68124	28.950	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	73580	25.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	46645	18.017	ug/L	91
3) Chloromethane	2.223	50	65583	20.471	ug/L	96
5) Vinyl chloride	2.375	62	78470	21.860	ug/L	98
6) Bromomethane	2.783	94	54355	27.576	ug/L	98
8) Chloroethane	2.936	64	54656	26.765	ug/L	95
9) Trichlorofluoromethane	3.265	101	74537	25.996	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	67588	23.667	ug/L #	75
12) 1,1-Dichloroethene	4.039	96	62142	23.683	ug/L	90
13) Acetone	4.119	43	32749	35.260	ug/L	97
14) Carbon disulfide	4.387	76	166843	19.107	ug/L	100
15) Methyl Acetate	4.667	43	33515	21.665	ug/L #	89
16) Methylene chloride	4.923	84	86531	21.550	ug/L	82
17) trans-1,2-Dichloroethene	5.429	96	70894	25.072	ug/L	85
18) Methyl tert-butyl Ether	5.423	73	121974	26.174	ug/L	97
19) 1,1-Dichloroethane	6.216	63	145222	24.352	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	80199	26.148	ug/L	98
22) 2-Butanone	7.167	43	44148	37.098	ug/L	88
23) Bromochloromethane	7.514	128	36753	28.226	ug/L #	83
25) Chloroform	7.673	83	158883	28.278	ug/L	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 16 01:14:23 2024
 Response via : Initial Calibration

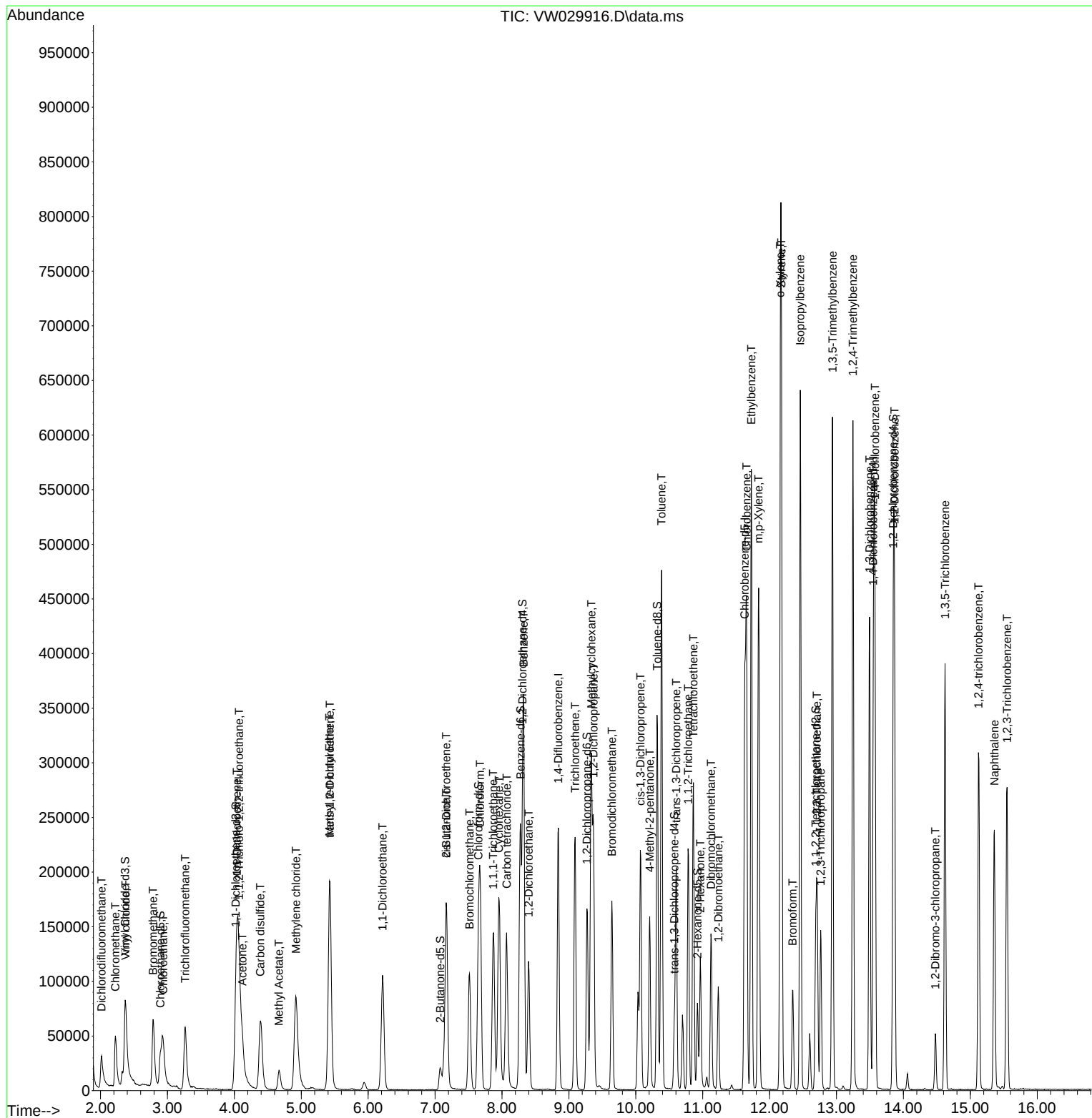
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106885	26.103	ug/L	100
29) Cyclohexane	7.953	56	97788	18.733	ug/L	92
30) 1,1,1-Trichloroethane	7.868	97	119268	25.640	ug/L	96
31) Carbon tetrachloride	8.069	117	106651	25.444	ug/L	99
33) Benzene	8.325	78	317098	25.195	ug/L	100
34) Trichloroethene	9.093	95	83390	25.274	ug/L	96
35) Methylcyclohexane	9.337	83	116410	21.174	ug/L	95
37) 1,2-Dichloropropane	9.368	63	85335	24.742	ug/L	98
38) Bromodichloromethane	9.642	83	113829	27.714	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	124254	24.737	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	99053	45.214	ug/L #	92
42) Toluene	10.386	91	340591	26.511	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	107940	25.886	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	66057	28.509	ug/L	97
46) Tetrachloroethene	10.861	164	58401	24.353	ug/L	91
48) 2-Hexanone	10.965	43	70250	42.814	ug/L #	94
49) Dibromochloromethane	11.123	129	72132	29.987	ug/L	94
50) 1,2-Dibromoethane	11.233	107	60929	28.420	ug/L	97
51) Chlorobenzene	11.654	112	215496	26.967	ug/L	97
52) Ethylbenzene	11.727	91	380734	26.273	ug/L	97
53) m,p-Xylene	11.837	106	143521	26.929	ug/L	97
54) o-Xylene	12.160	106	134376	27.379	ug/L	100
55) Styrene	12.178	104	244458	28.735	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	83680	29.424	ug/L	99
59) Bromoform	12.343	173	40427	29.228	ug/L	97
60) Isopropylbenzene	12.458	105	381709	26.835	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58284	26.070	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	316474	29.933	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	308417	27.276	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	164550	27.114	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	171558	27.520	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	153236	27.734	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	12919	25.450	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.623	180	108455	26.120	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	89410	25.559	ug/L	98
71) Naphthalene	15.360	128	195943	29.356	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88314	27.893	ug/L	100

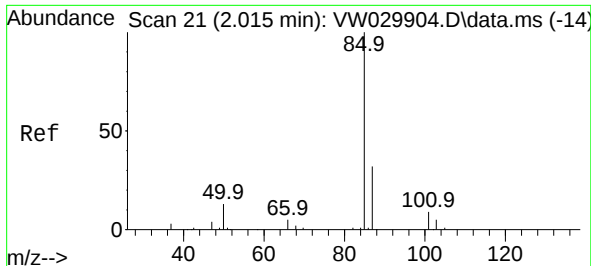
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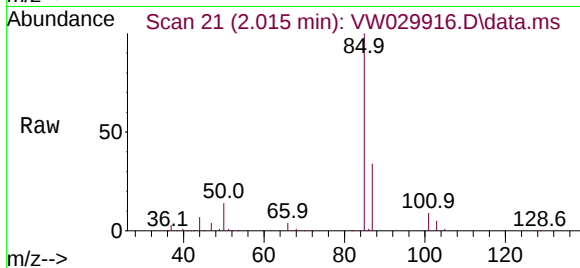
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 16 01:14:23 2024
Response via : Initial Calibration



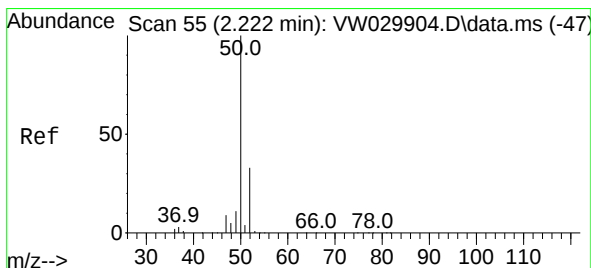
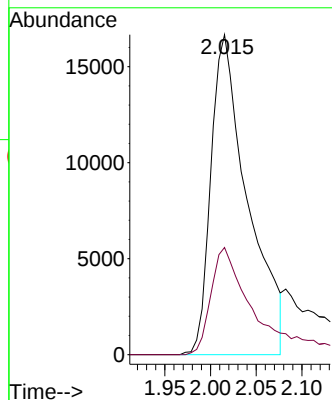
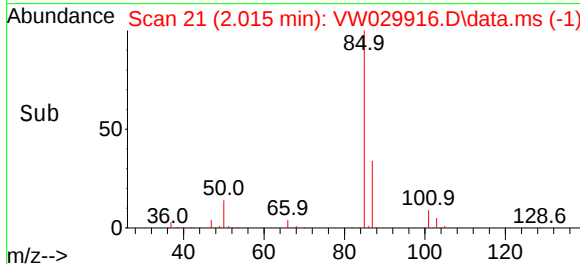


#2
 Dichlorodifluoromethane
 Concen: 18.017 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029916.D
 Acq: 15 Aug 2024 19:32

Instrument :
 MSVOA_W
 ClientSampleId :

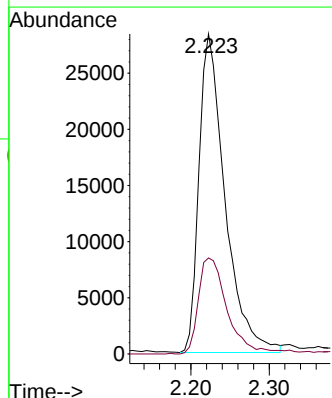
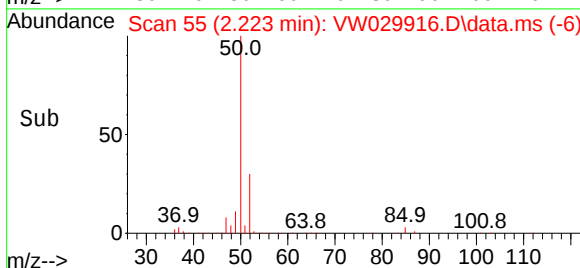
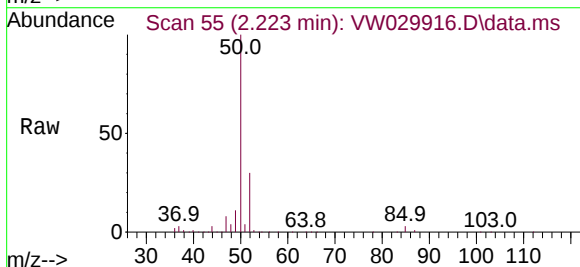


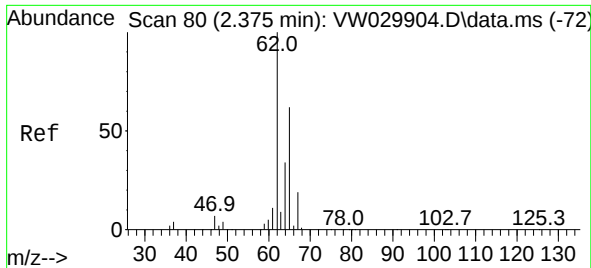
Tgt Ion: 85 Resp: 46645
 Ion Ratio Lower Upper
 85 100
 87 37.1 25.5 38.3



#3
 Chloromethane
 Concen: 20.471 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029916.D
 Acq: 15 Aug 2024 19:32

Tgt Ion: 50 Resp: 65583
 Ion Ratio Lower Upper
 50 100
 52 30.0 22.5 41.9

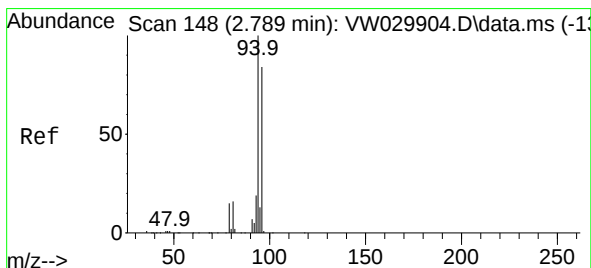
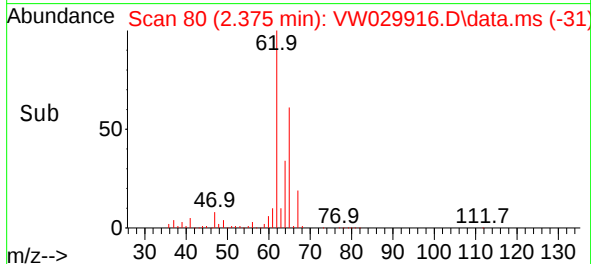
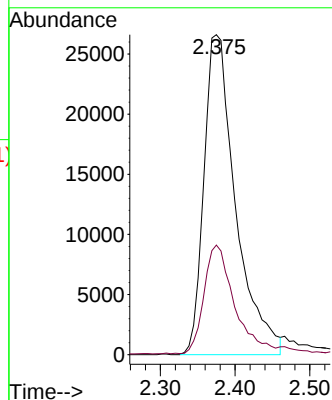
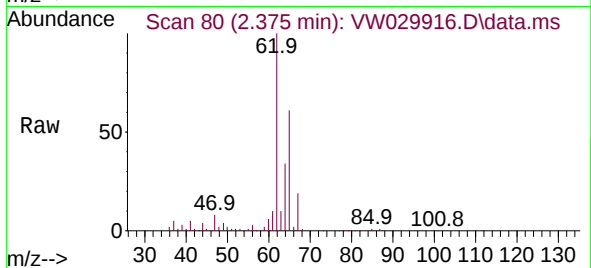




#5
 Vinyl chloride
 Concen: 21.860 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029916.D
 Acq: 15 Aug 2024 19:32

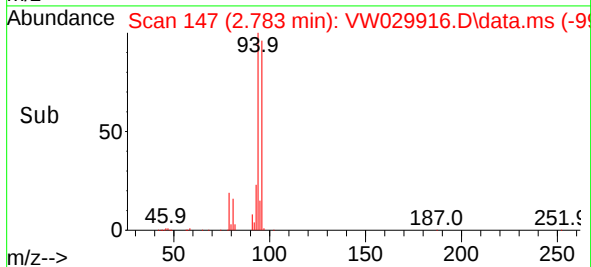
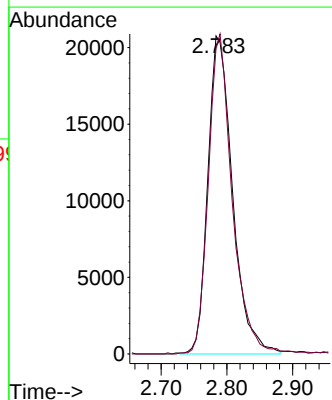
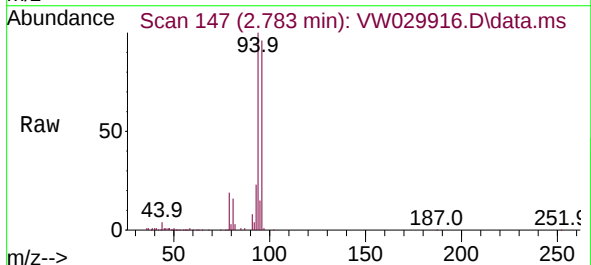
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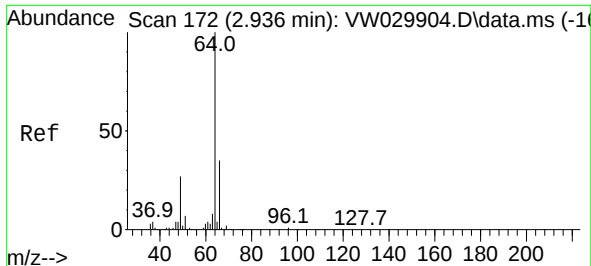
Tgt Ion: 62 Resp: 78470
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.2 43.2



#6
 Bromomethane
 Concen: 27.576 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029916.D
 Acq: 15 Aug 2024 19:32

Tgt Ion: 94 Resp: 54355
 Ion Ratio Lower Upper
 94 100
 96 96.3 66.2 123.0

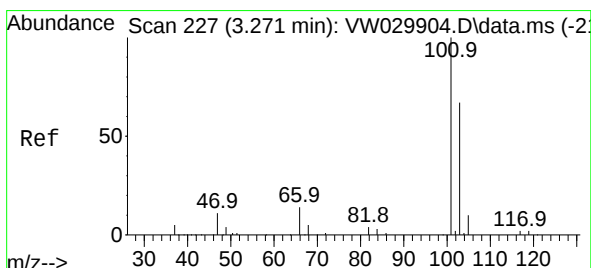
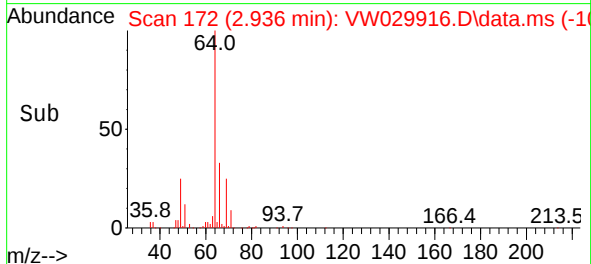
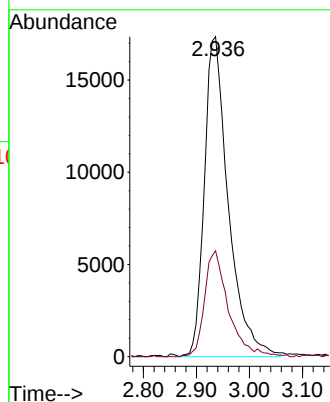
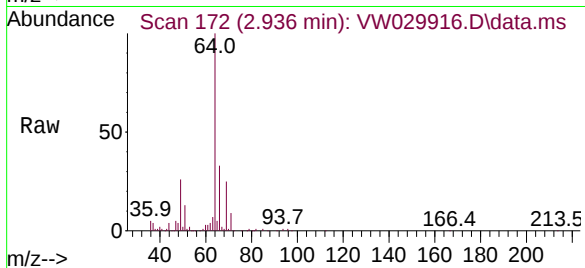




#8
Chloroethane
Concen: 26.765 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

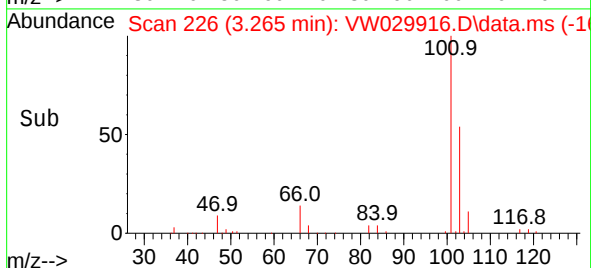
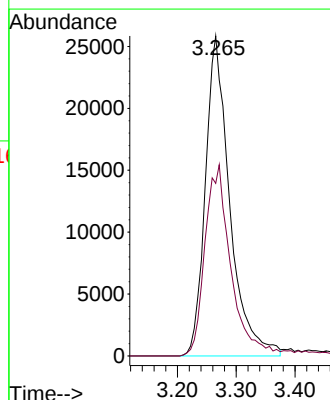
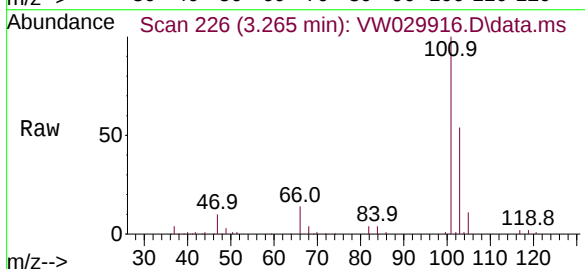
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MSVOA_W
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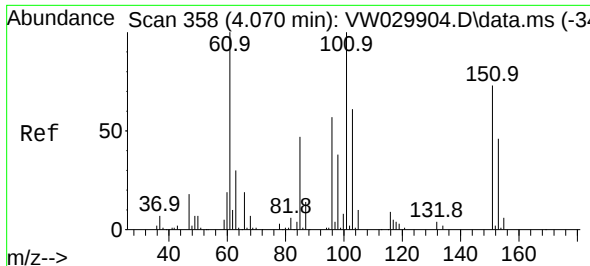
Tgt Ion: 64 Resp: 54656
Ion Ratio Lower Upper
64 100
66 33.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 25.996 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Tgt Ion:101 Resp: 74537
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.4





#10

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

Concen: 23.667 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :

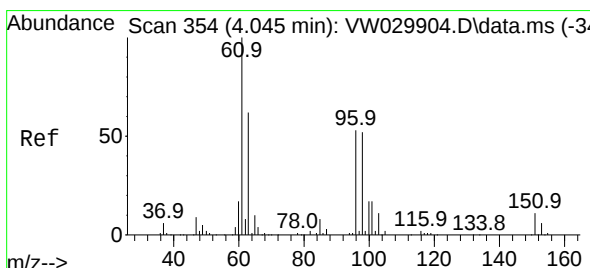
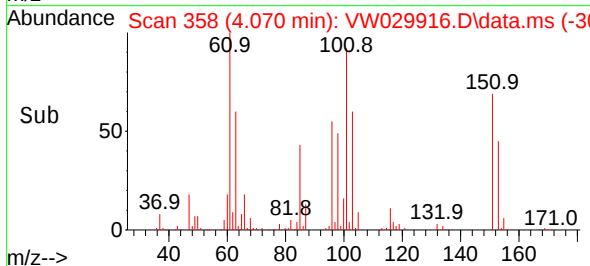
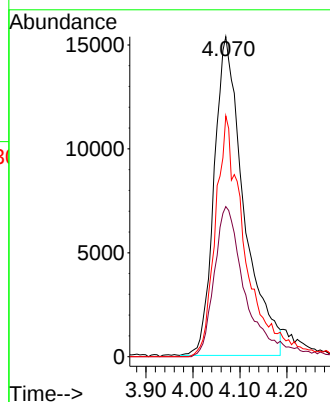
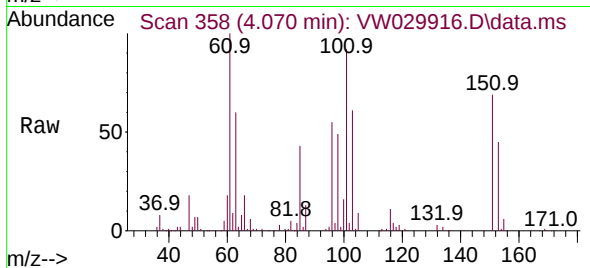
Tgt Ion:101 Resp: 67588

Ion Ratio Lower Upper

101 100

85 48.4 34.2 51.4

151 39.6 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 23.683 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

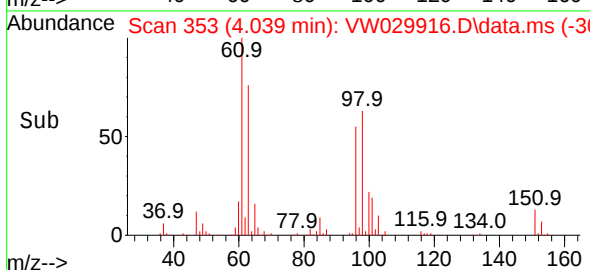
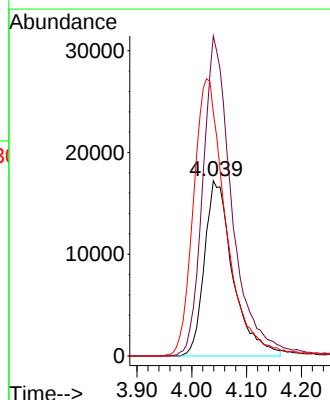
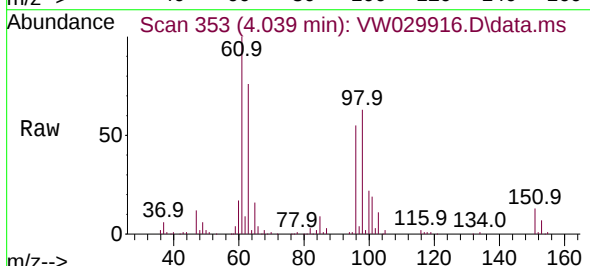
Tgt Ion: 96 Resp: 62142

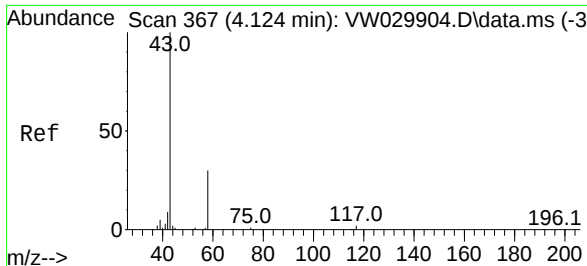
Ion Ratio Lower Upper

96 100

61 182.6 138.3 256.9

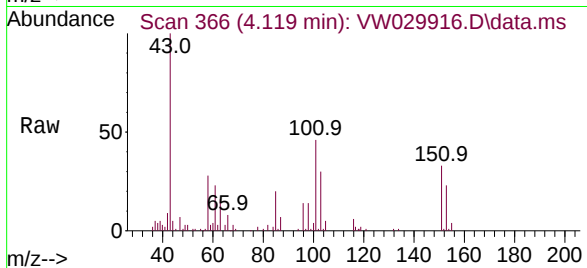
63 138.7 89.0 165.4



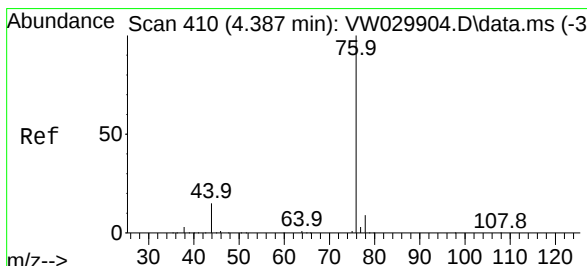
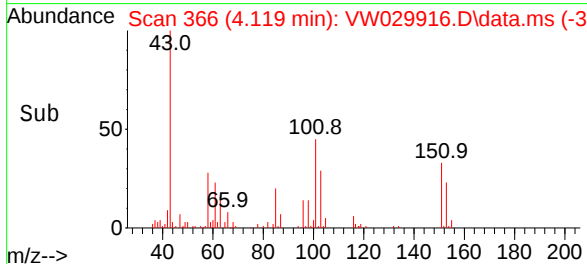
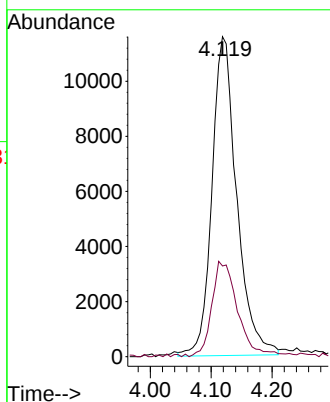


#13
Acetone
Concen: 35.260 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029916.D
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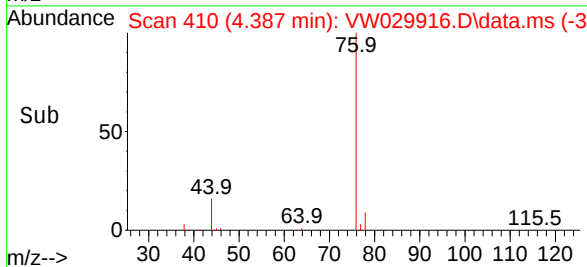
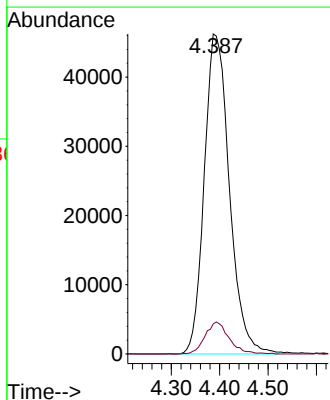
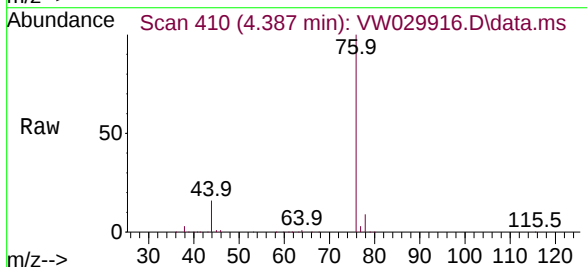


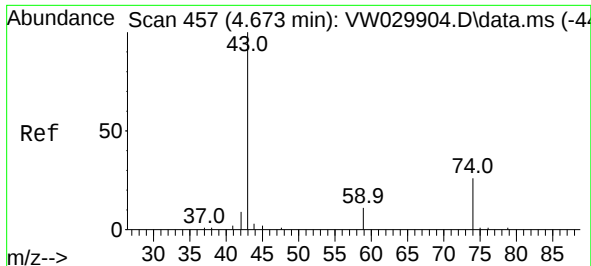
Tgt Ion: 43 Resp: 32749
Ion Ratio Lower Upper
43 100
58 30.6 0.0 57.6



#14
Carbon disulfide
Concen: 19.107 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW029916.D
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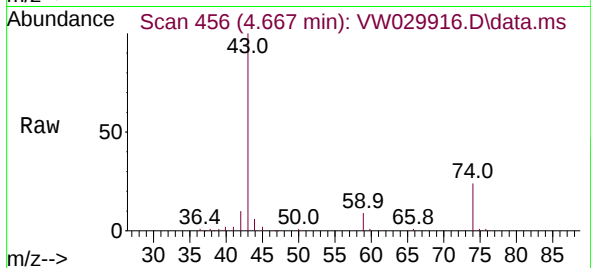
Tgt Ion: 76 Resp: 166843
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4



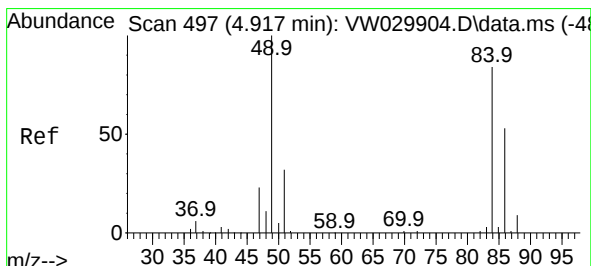
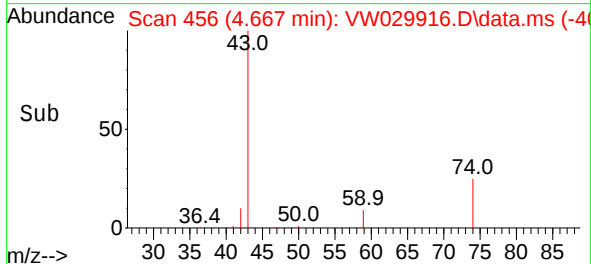
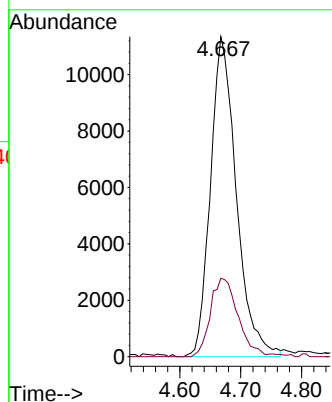


#15
Methyl Acetate
Concen: 21.665 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Instrument :
MSVOA_W
ClientSampleId :

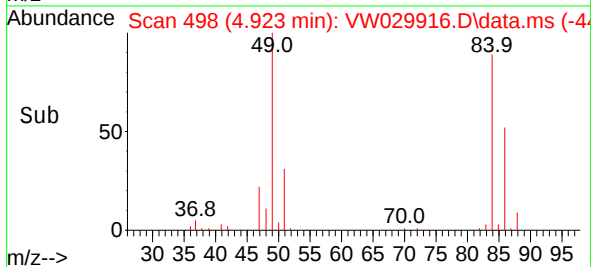
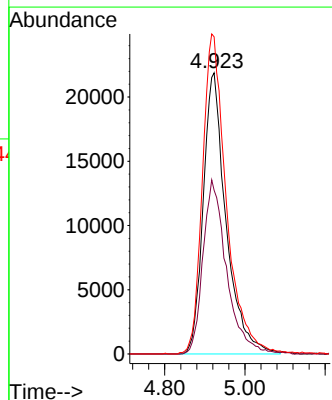
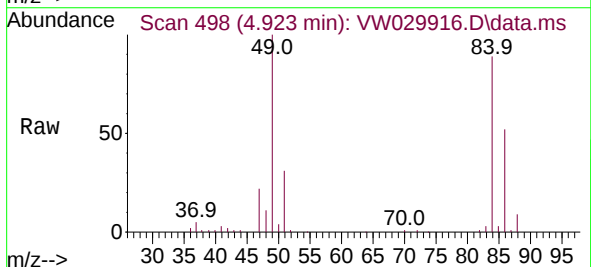


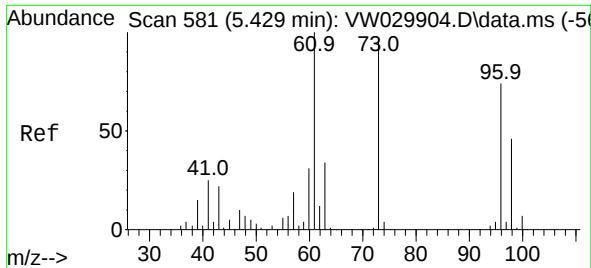
Tgt Ion: 43 Resp: 33515
Ion Ratio Lower Upper
43 100
74 25.9 16.5 24.7#



#16
Methylene chloride
Concen: 21.550 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Tgt Ion: 84 Resp: 86531
Ion Ratio Lower Upper
84 100
86 58.3 44.7 82.9
49 112.8 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 25.072 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :

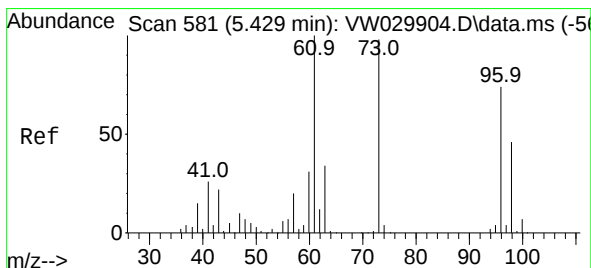
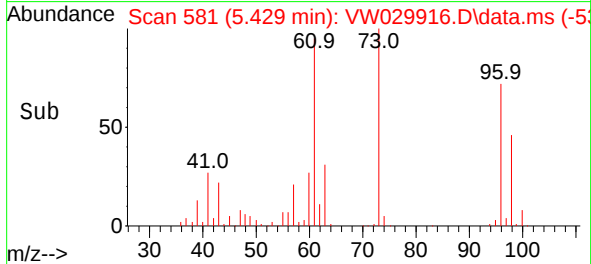
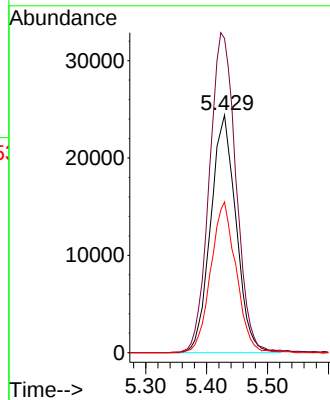
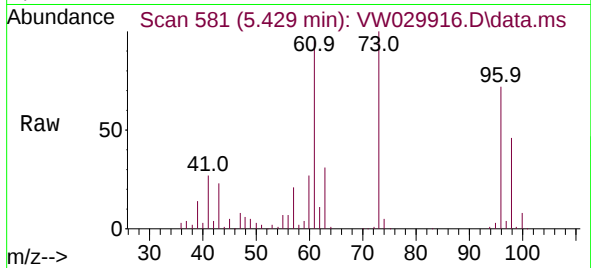
Tgt Ion: 96 Resp: 70894

Ion Ratio Lower Upper

96 100

61 132.2 111.2 206.6

98 63.4 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 26.174 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

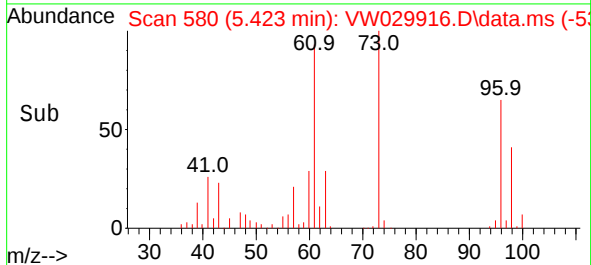
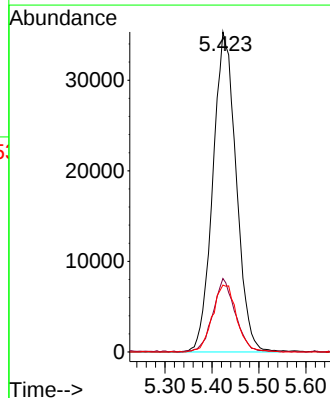
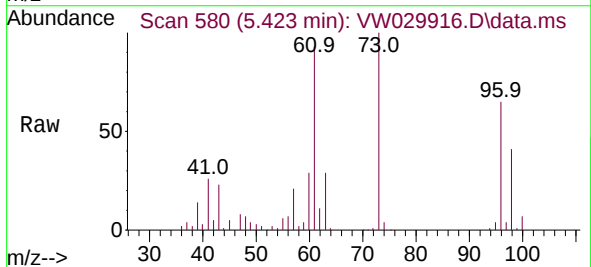
Tgt Ion: 73 Resp: 121974

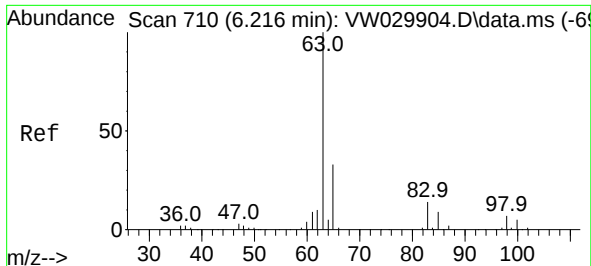
Ion Ratio Lower Upper

73 100

43 21.1 18.3 27.5

57 21.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 24.352 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :

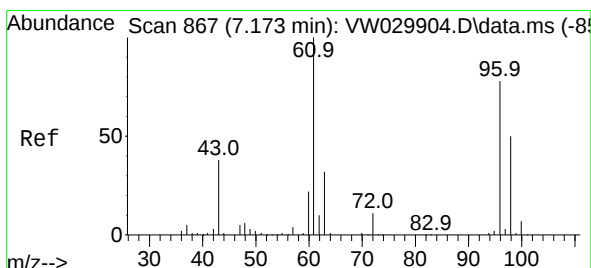
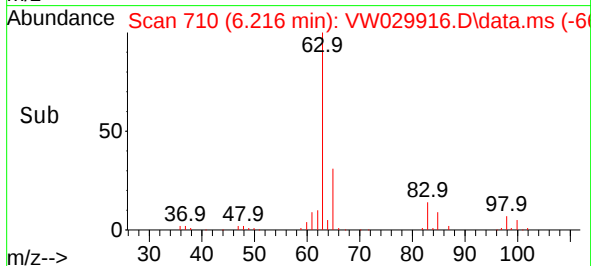
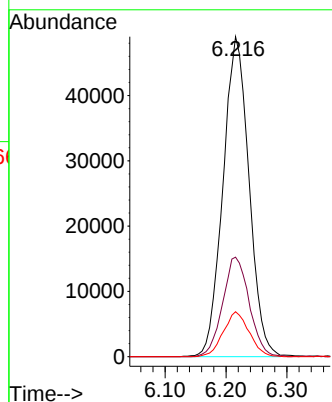
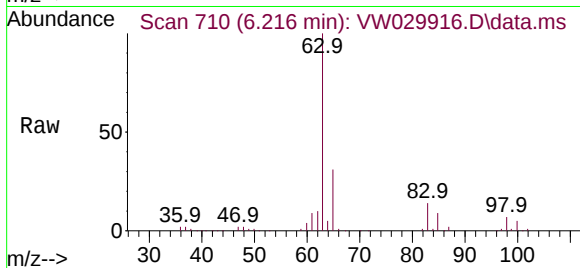
Tgt Ion: 63 Resp: 145222

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.3

83 14.1 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 26.148 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

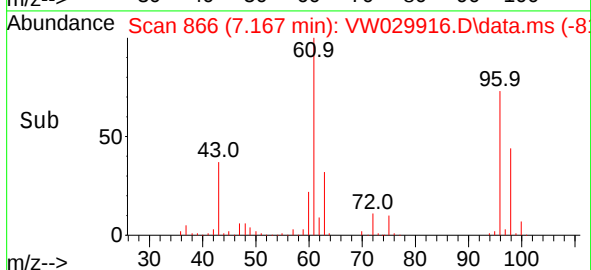
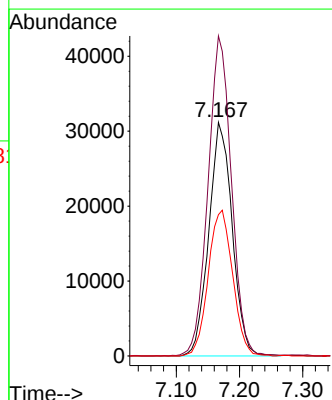
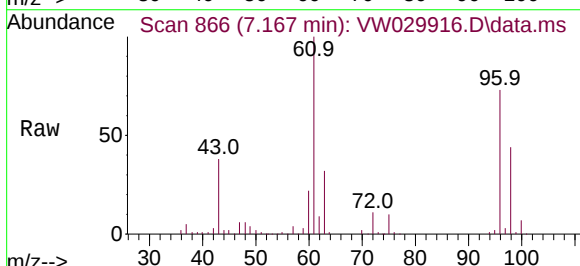
Tgt Ion: 96 Resp: 80199

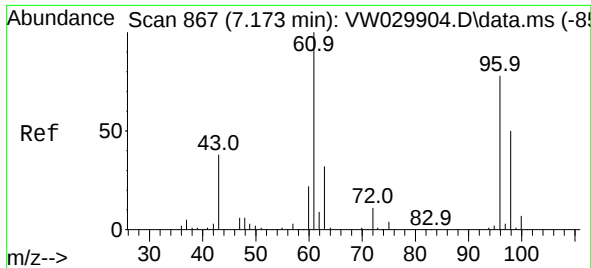
Ion Ratio Lower Upper

96 100

61 137.0 98.2 182.4

98 60.5 41.9 77.9





#22

2-Butanone

Concen: 37.098 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

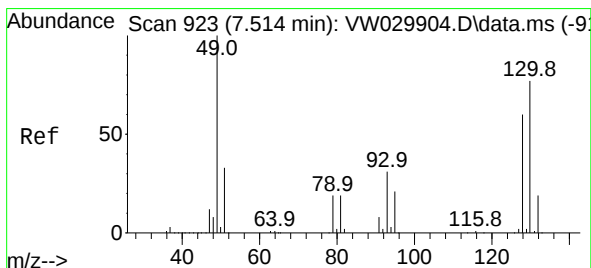
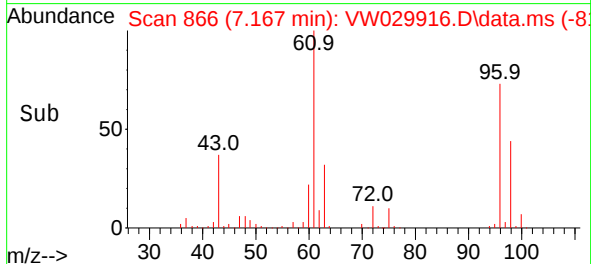
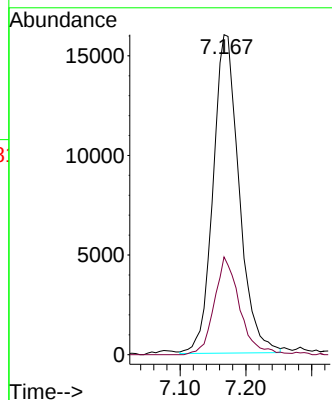
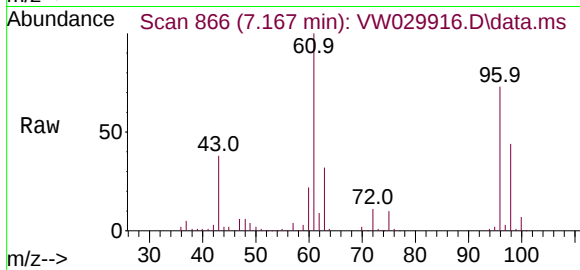
ClientSampleId :

Tgt Ion: 43 Resp: 44148

Ion Ratio Lower Upper

43 100

72 29.1 11.7 35.1



#23

Bromochloromethane

Concen: 28.226 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Tgt Ion: 128 Resp: 36753

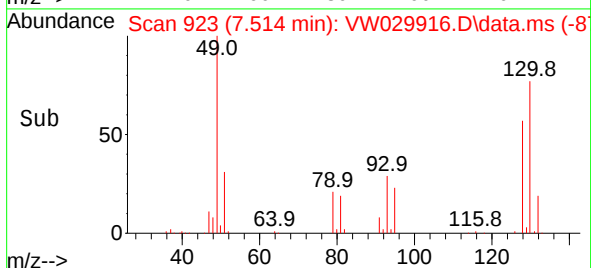
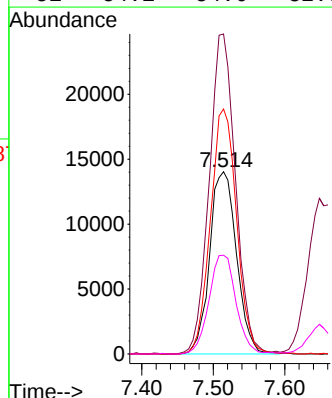
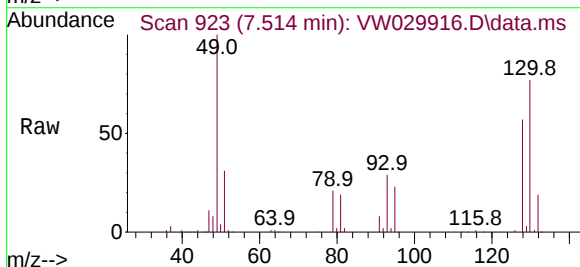
Ion Ratio Lower Upper

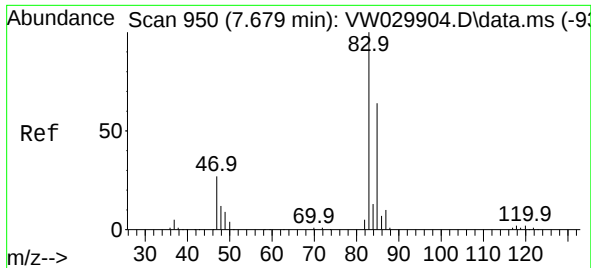
128 100

49 175.5 151.1 280.7

130 134.3 96.8 179.8

51 54.1 54.6 82.0#





#25

Chloroform

Concen: 28.278 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

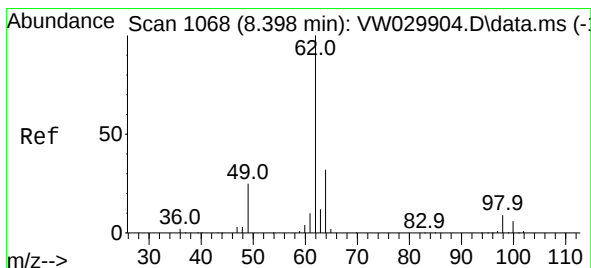
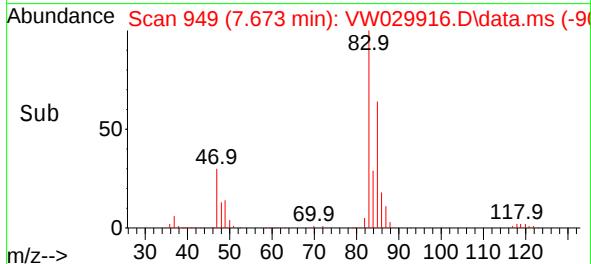
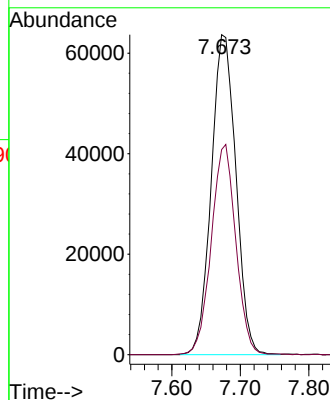
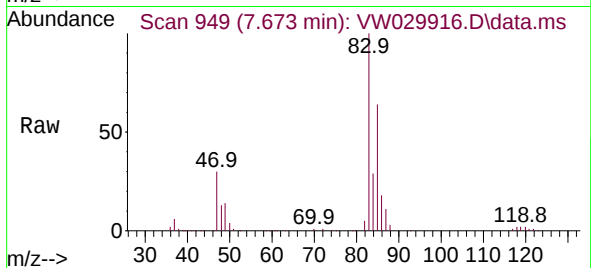
ClientSampleId :

Tgt Ion: 83 Resp: 158883

Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 26.103 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029916.D

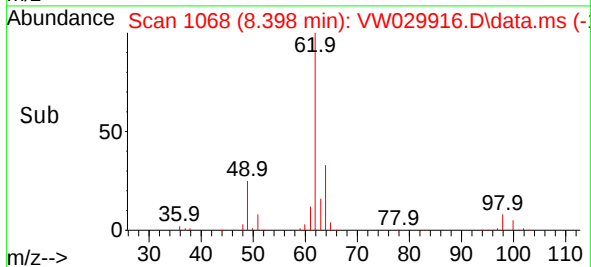
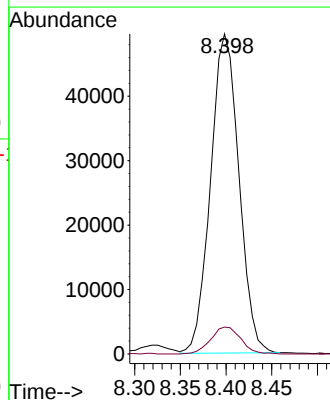
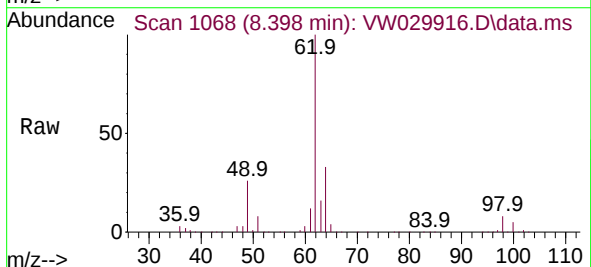
Acq: 15 Aug 2024 19:32

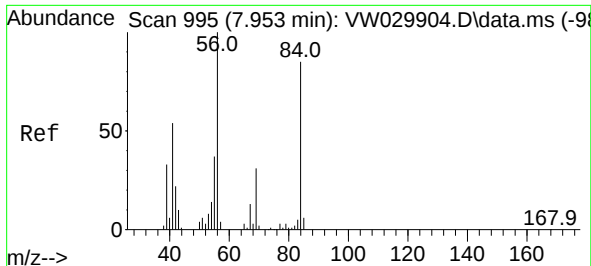
Tgt Ion: 62 Resp: 106885

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 18.733 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

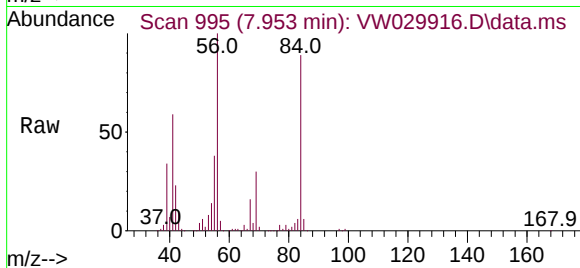
Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :



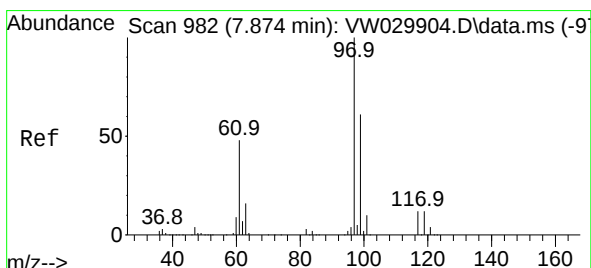
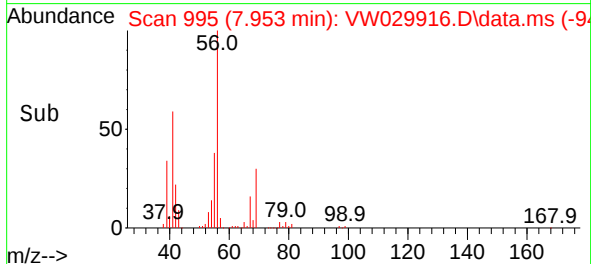
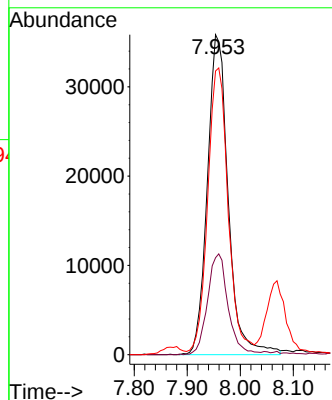
Tgt Ion: 56 Resp: 97788

Ion Ratio Lower Upper

56 100

69 31.0 23.0 34.4

84 88.1 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 25.640 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

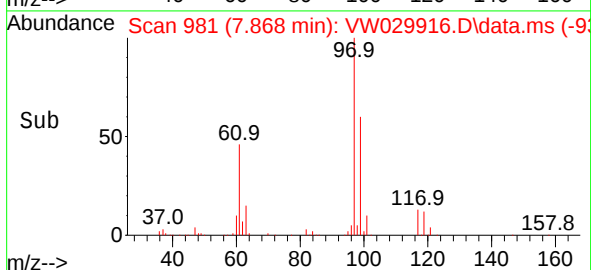
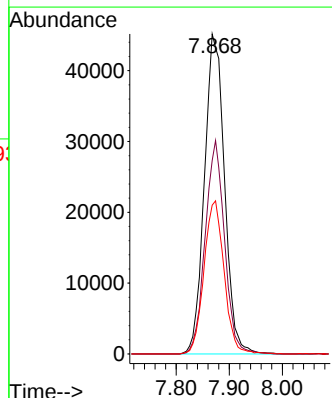
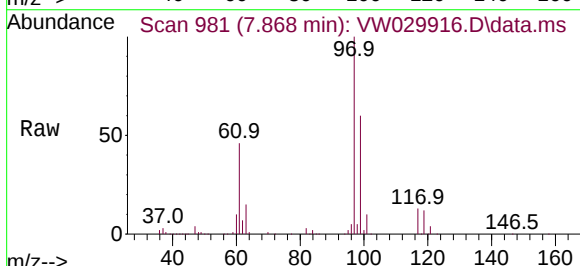
Tgt Ion: 97 Resp: 119268

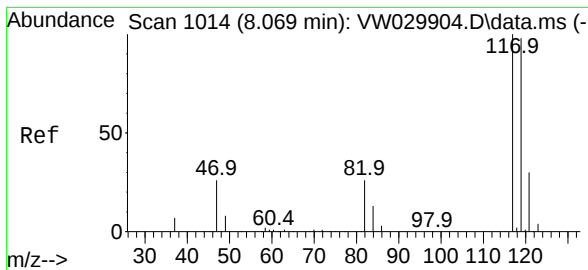
Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 47.7 42.6 63.8

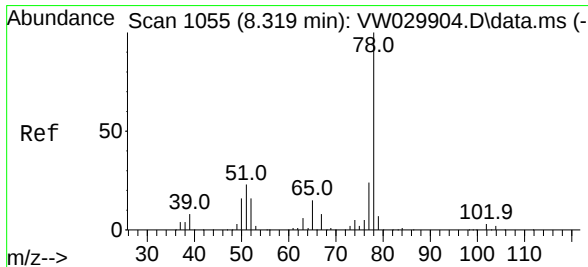
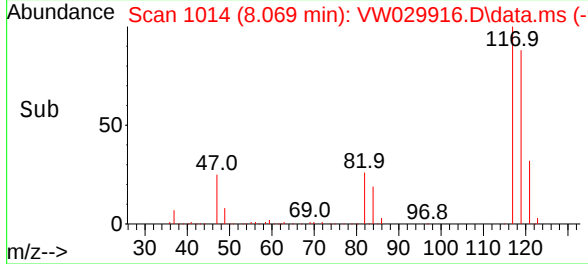
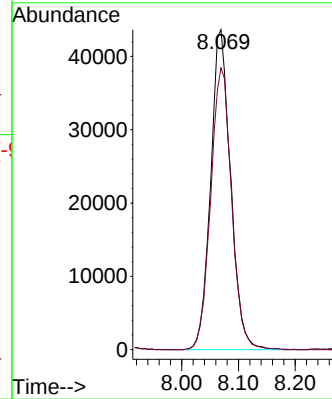
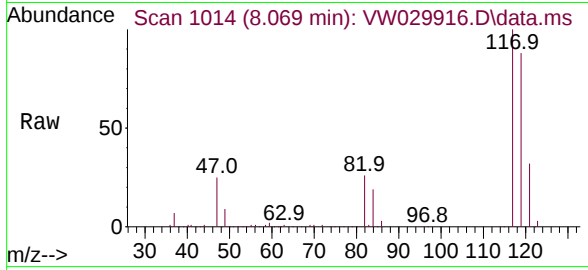




#31
Carbon tetrachloride
Concen: 25.444 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

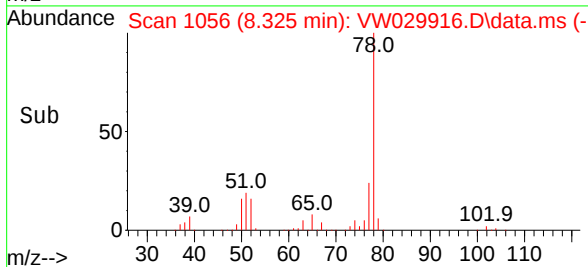
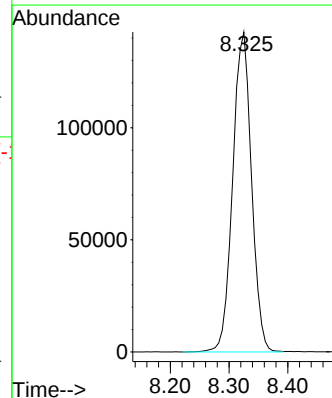
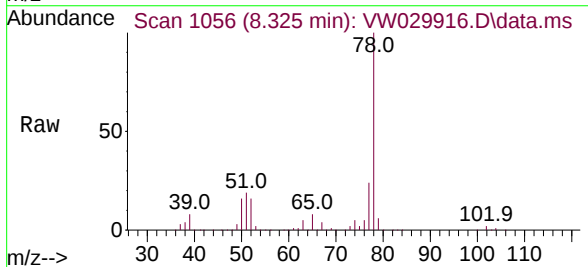
Instrument :
MSVOA_W
ClientSampleId :

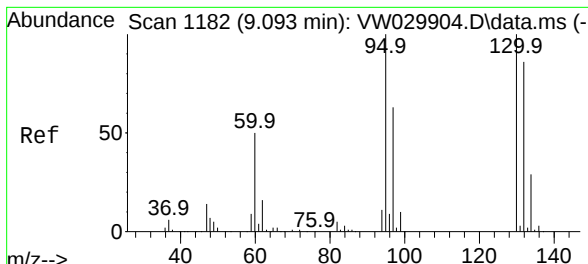
Tgt Ion:117 Resp: 106651
Ion Ratio Lower Upper
117 100
119 92.4 74.8 112.2



#33
Benzene
Concen: 25.195 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Tgt Ion: 78 Resp: 317098





#34

Trichloroethene

Concen: 25.274 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 83390

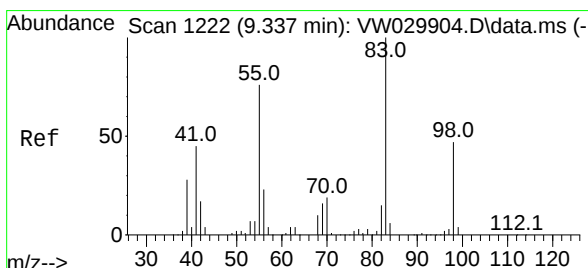
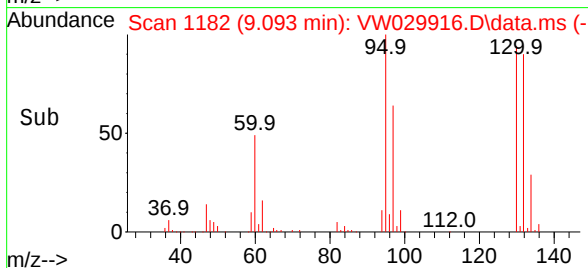
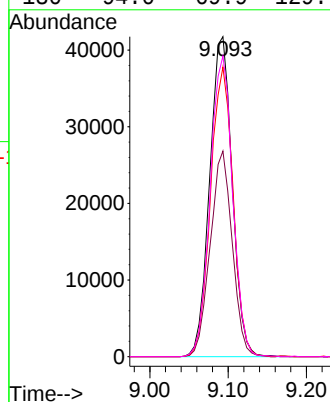
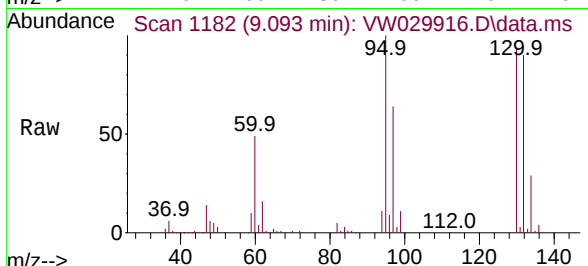
Ion Ratio Lower Upper

95 100

97 64.3 45.6 84.8

132 90.5 65.2 121.0

130 94.0 69.9 129.7



#35

Methylcyclohexane

Concen: 21.174 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

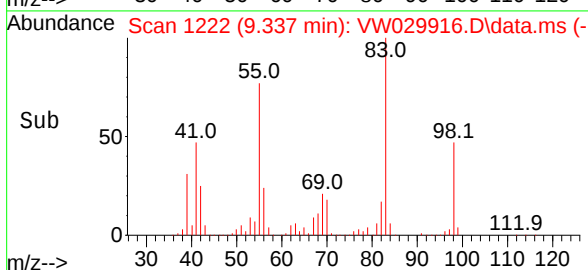
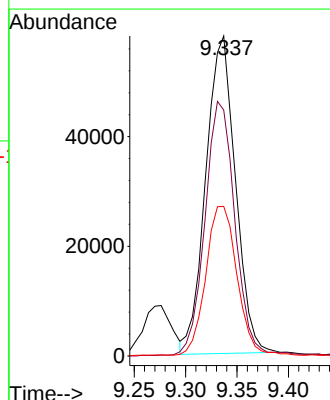
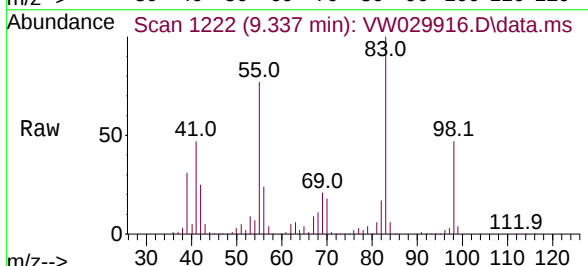
Tgt Ion: 83 Resp: 116410

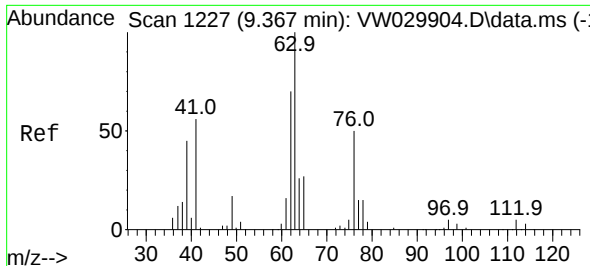
Ion Ratio Lower Upper

83 100

55 81.0 67.4 101.2

98 50.1 36.7 55.1





#37

1,2-Dichloropropane

Concen: 24.742 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

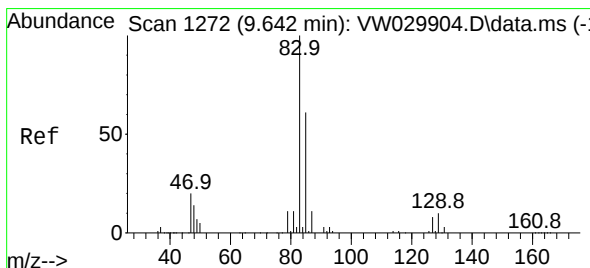
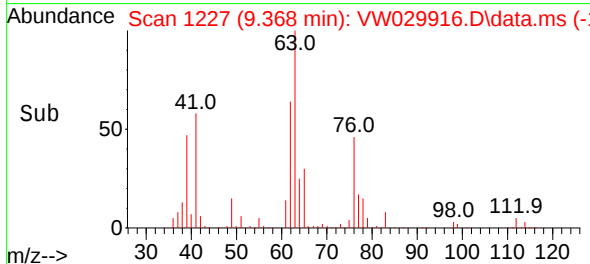
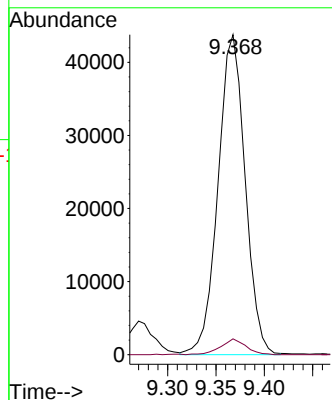
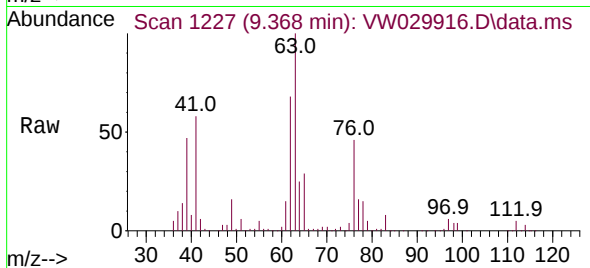
ClientSampleId :

Tgt Ion: 63 Resp: 85335

Ion Ratio Lower Upper

63 100

112 4.6 3.3 4.9



#38

Bromodichloromethane

Concen: 27.714 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

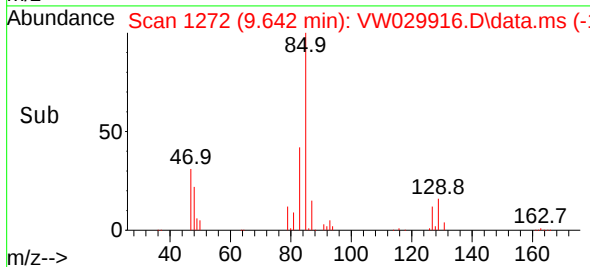
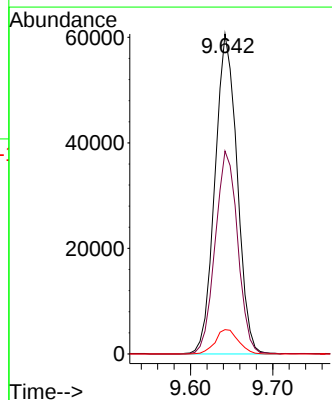
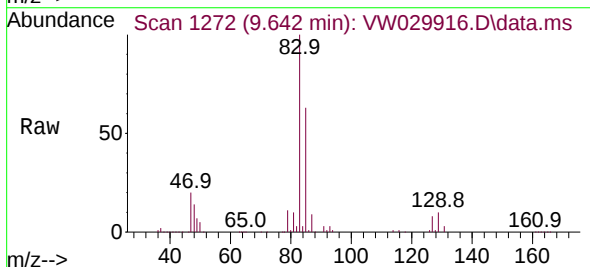
Tgt Ion: 83 Resp: 113829

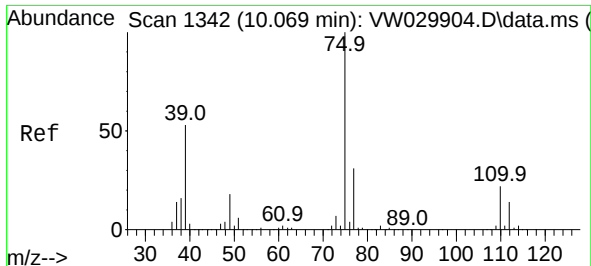
Ion Ratio Lower Upper

83 100

85 63.4 46.6 86.6

127 7.6 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 24.737 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

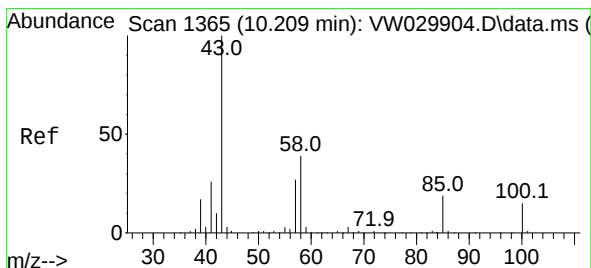
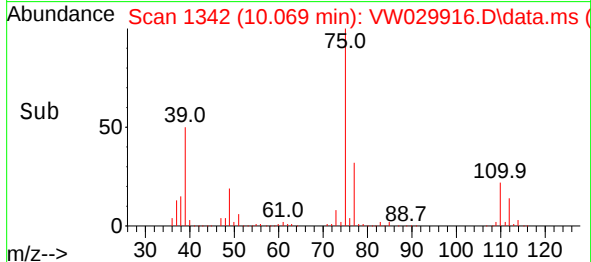
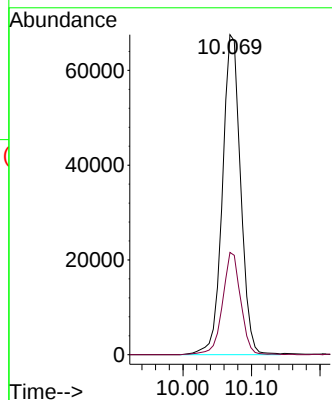
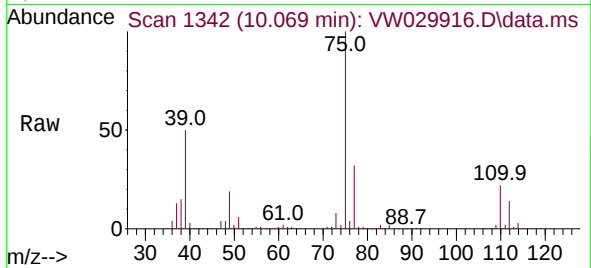
ClientSampleId :

Tgt Ion: 75 Resp: 124254

Ion Ratio Lower Upper

75 100

77 31.9 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 45.214 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

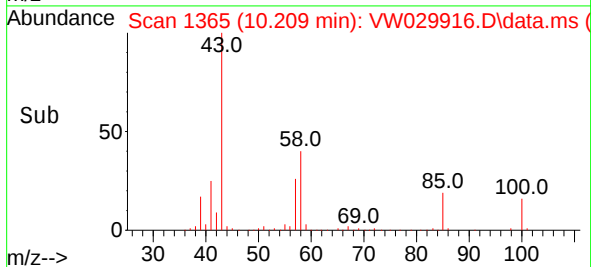
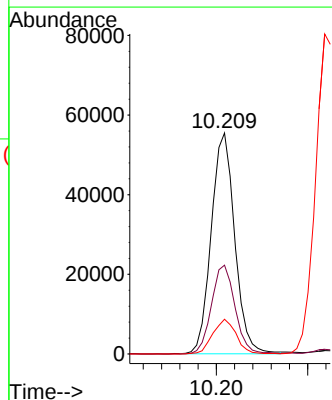
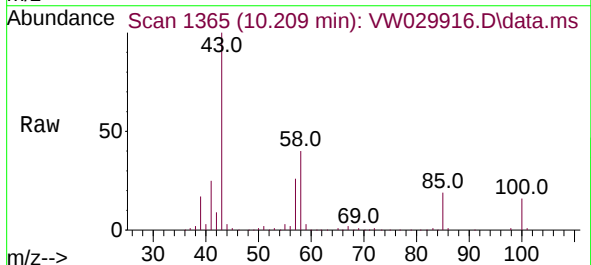
Tgt Ion: 43 Resp: 99053

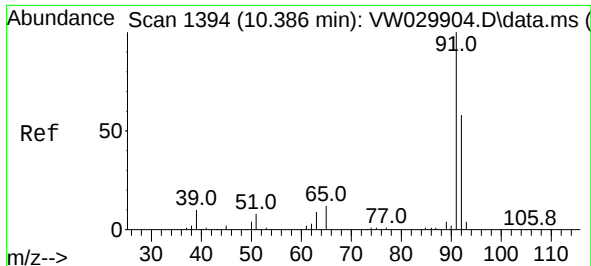
Ion Ratio Lower Upper

43 100

58 40.3 28.7 43.1

100 15.6 10.0 15.0#

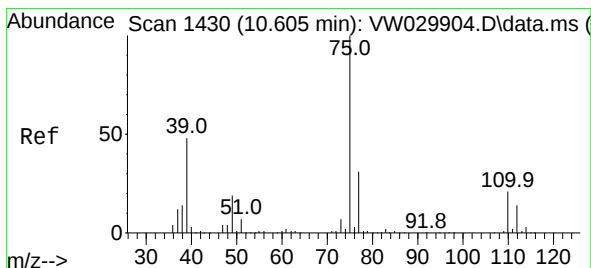
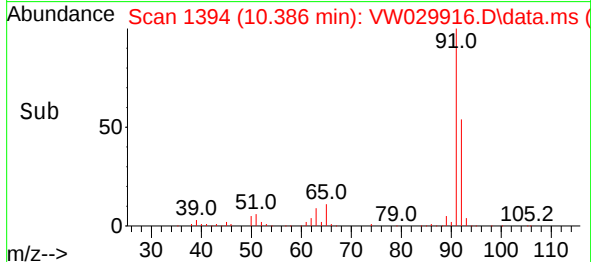
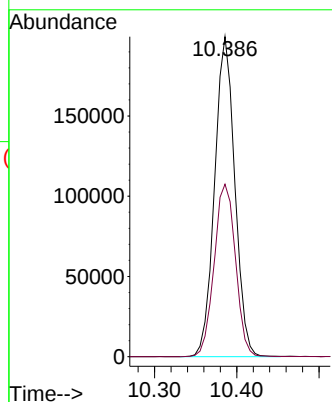
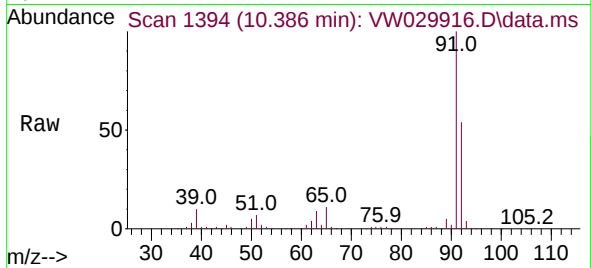




#42
Toluene
Concen: 26.511 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

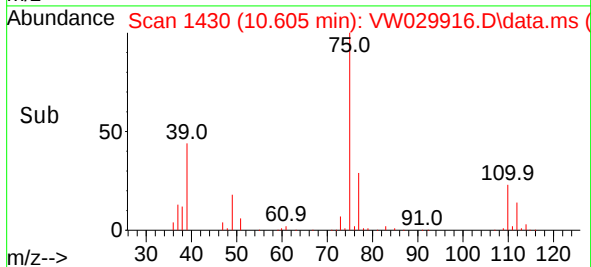
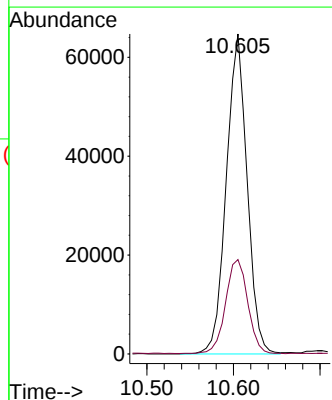
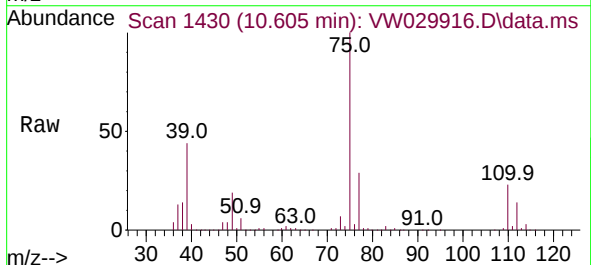
Instrument :
MSVOA_W
ClientSampleId :

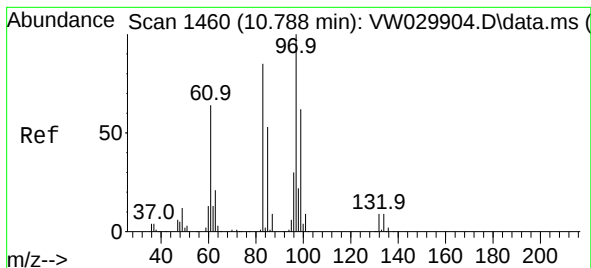
Tgt Ion: 91 Resp: 340591
Ion Ratio Lower Upper
91 100
92 53.9 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 25.886 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Tgt Ion: 75 Resp: 107940
Ion Ratio Lower Upper
75 100
77 29.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 28.509 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

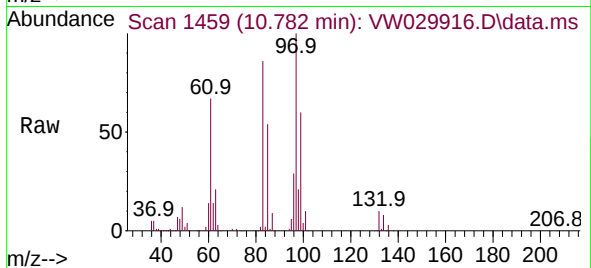
Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 66057

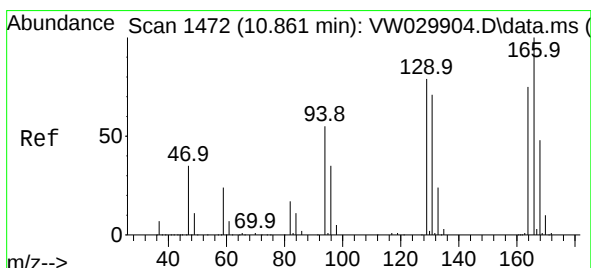
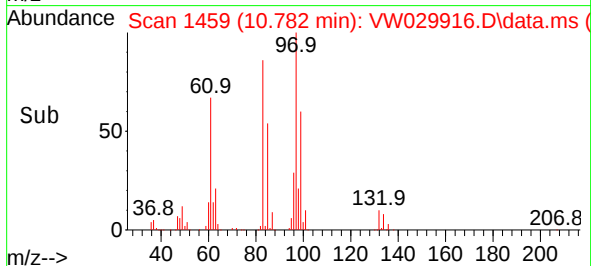
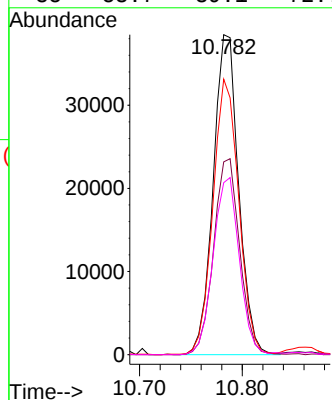
Ion Ratio Lower Upper

97 100

99 60.2 40.1 74.5

83 86.1 58.5 108.7

85 53.7 39.1 72.7



#46

Tetrachloroethene

Concen: 24.353 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Tgt Ion:164 Resp: 58401

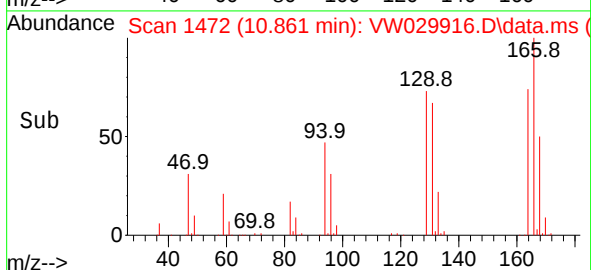
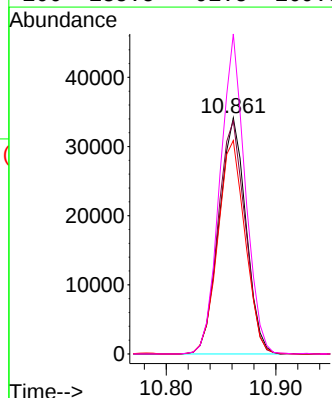
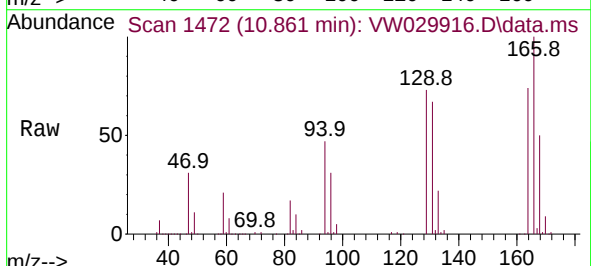
Ion Ratio Lower Upper

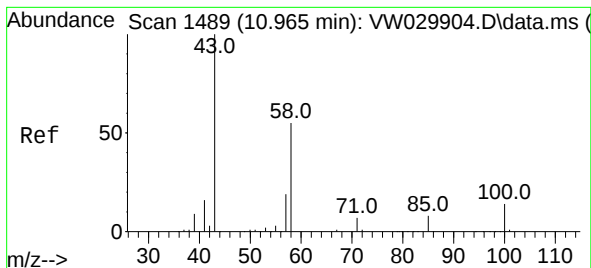
164 100

129 98.7 77.8 144.6

131 90.4 70.9 131.7

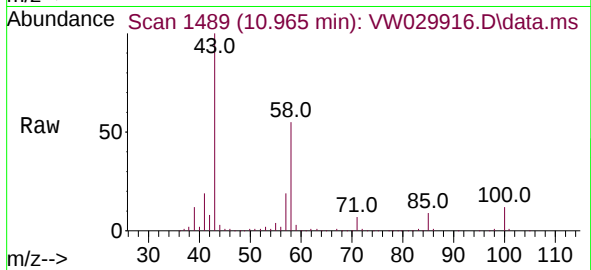
166 135.5 91.5 169.9



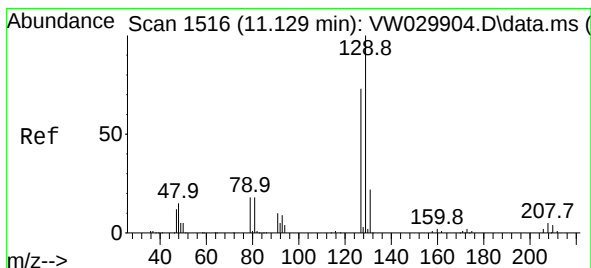
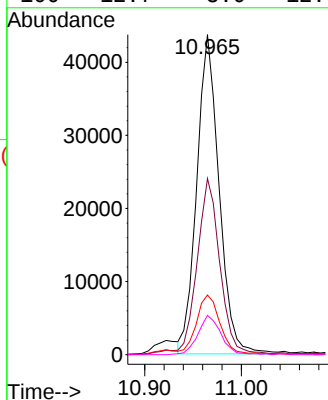
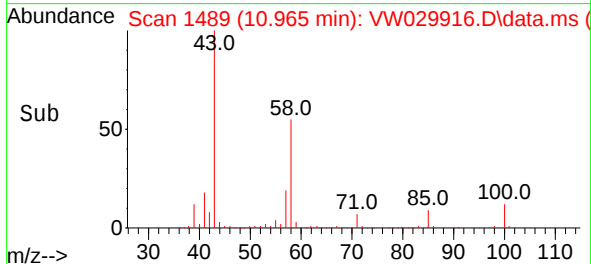


#48
2-Hexanone
Concen: 42.814 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Instrument :
MSVOA_W
ClientSampleId :

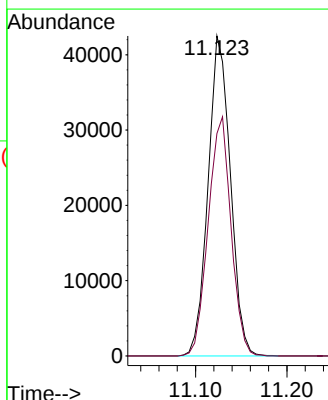
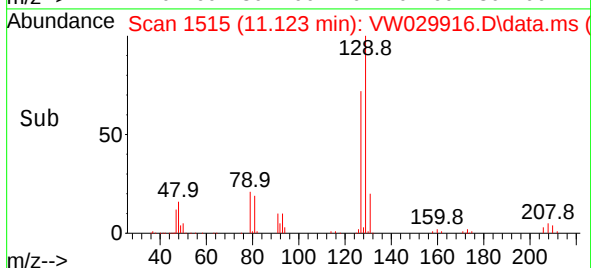
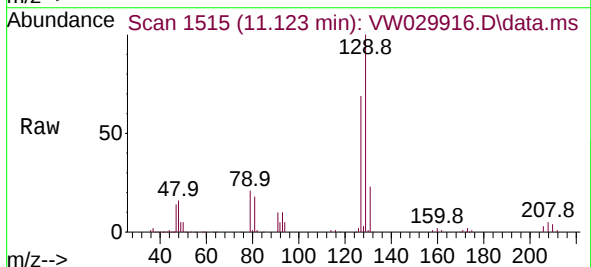


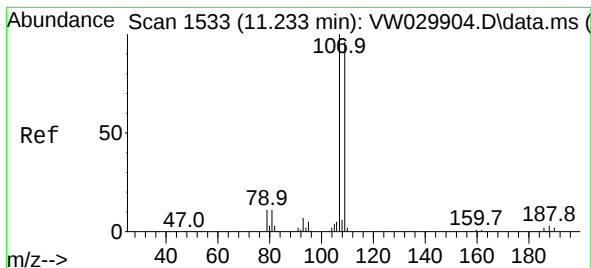
Tgt Ion: 43 Resp: 70250
Ion Ratio Lower Upper
43 100
58 55.6 41.0 61.4
57 20.1 14.1 21.1
100 12.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 29.987 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Tgt Ion: 129 Resp: 72132
Ion Ratio Lower Upper
129 100
127 69.5 52.4 97.2





#50

1,2-Dibromoethane

Concen: 28.420 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW029916.D

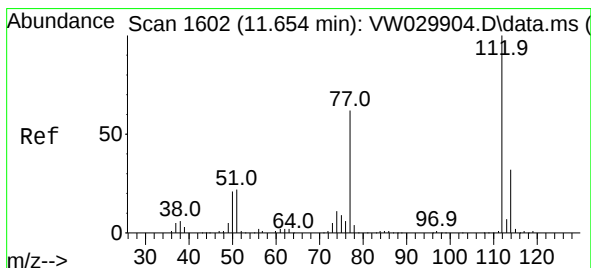
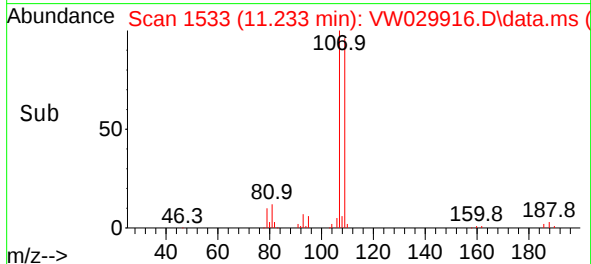
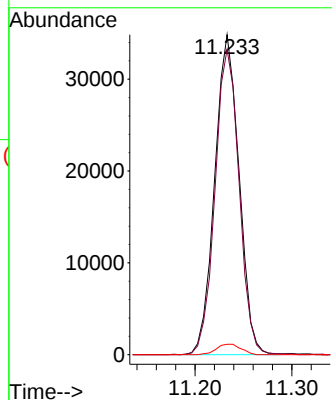
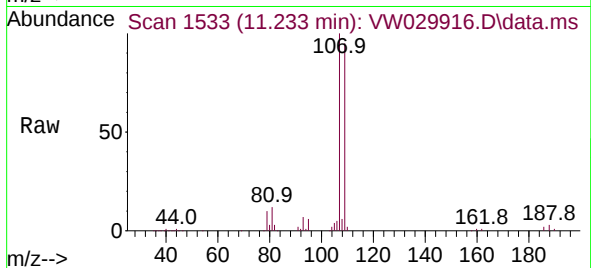
Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	60929
Ion	Ratio	Lower	Upper
107	100		
109	95.4	64.8	120.3
188	3.3	2.7	4.1



#51

Chlorobenzene

Concen: 26.967 ug/L

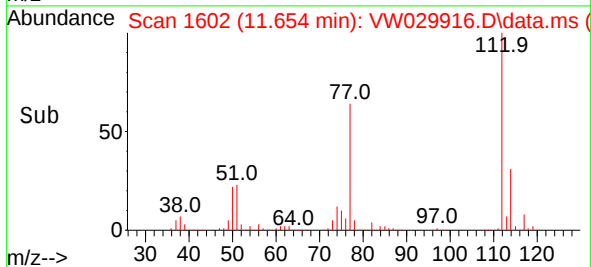
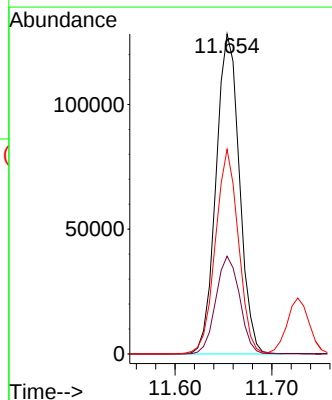
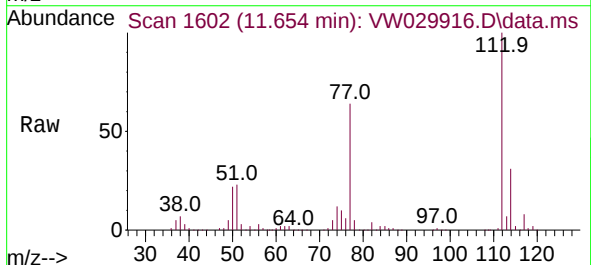
RT: 11.654 min Scan# 1602

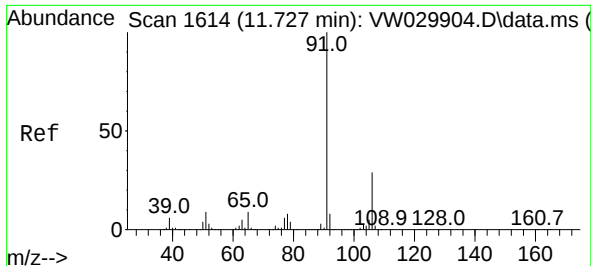
Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Tgt Ion:	112	Resp:	215496
Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.0	40.8
77	63.9	53.8	80.8





#52

Ethylbenzene

Concen: 26.273 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

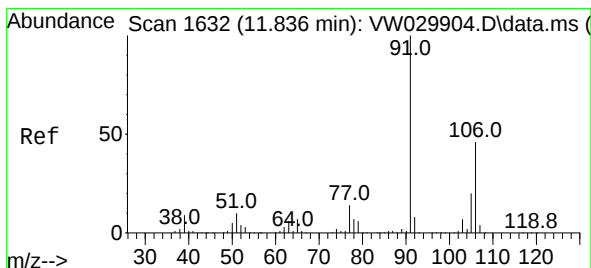
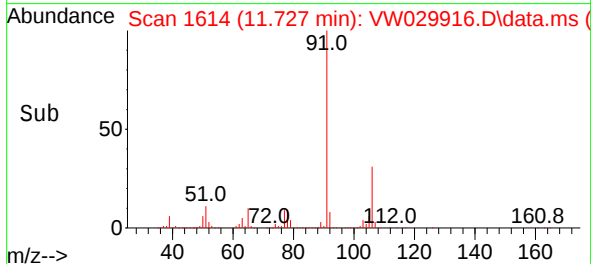
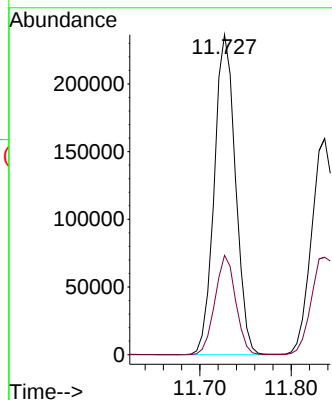
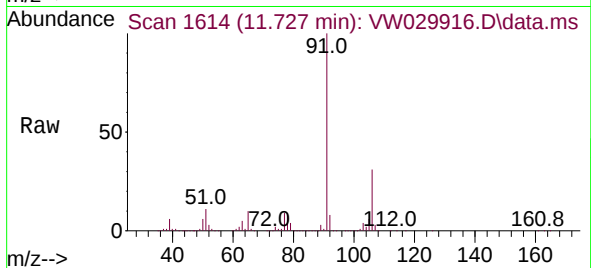
ClientSampleId :

Tgt Ion: 91 Resp: 380734

Ion Ratio Lower Upper

91 100

106 31.0 20.4 38.0



#53

m,p-Xylene

Concen: 26.929 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029916.D

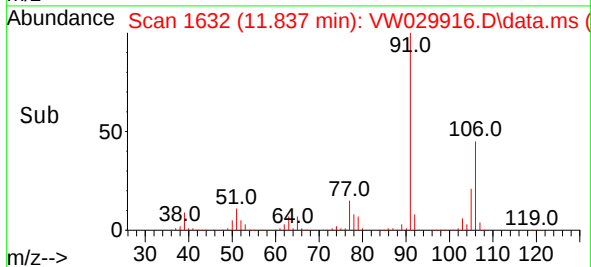
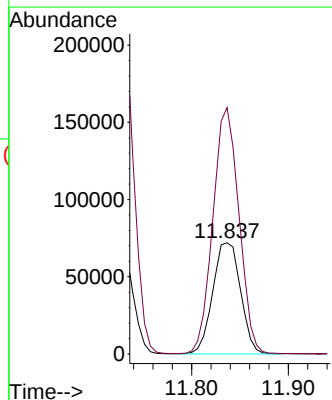
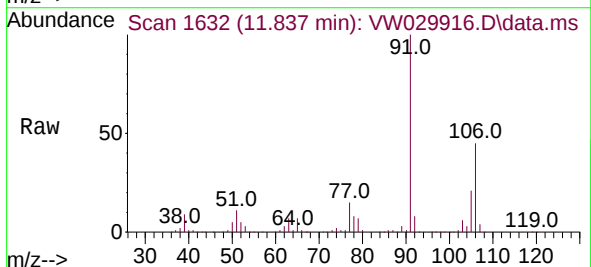
Acq: 15 Aug 2024 19:32

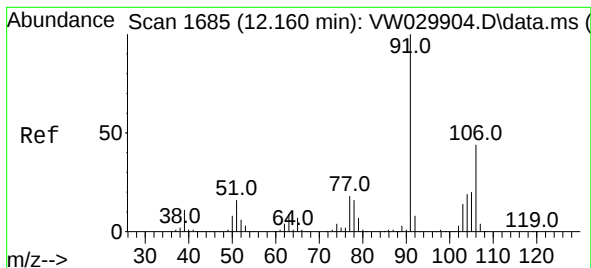
Tgt Ion:106 Resp: 143521

Ion Ratio Lower Upper

106 100

91 221.7 151.4 281.2





#54

o-Xylene

Concen: 27.379 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

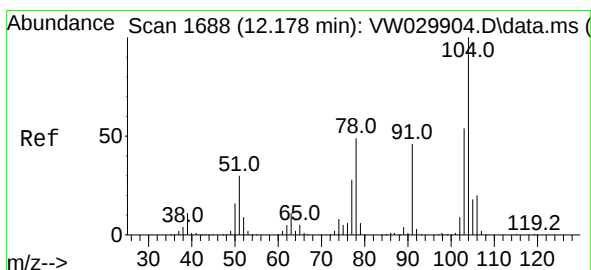
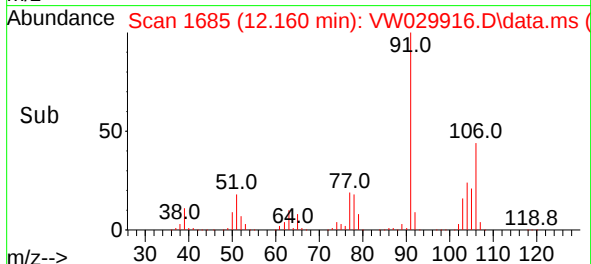
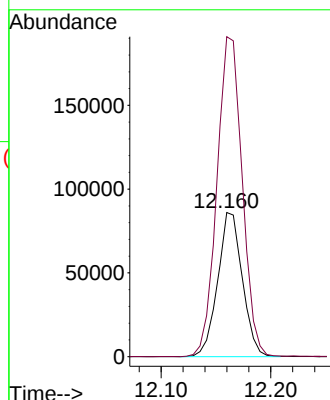
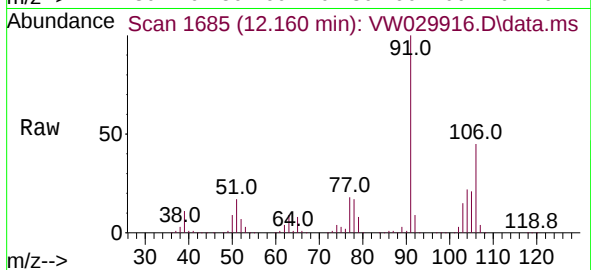
ClientSampleId :

Tgt Ion:106 Resp: 134376

Ion Ratio Lower Upper

106 100

91 221.9 155.8 289.4



#55

Styrene

Concen: 28.735 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029916.D

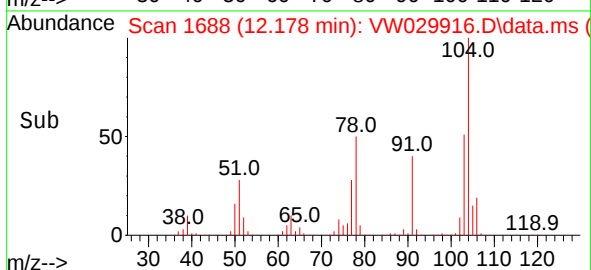
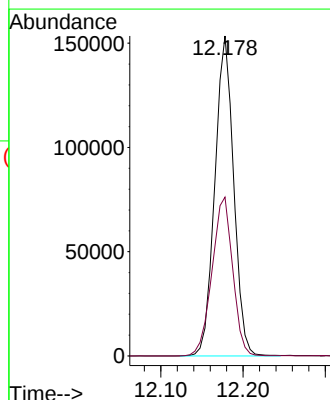
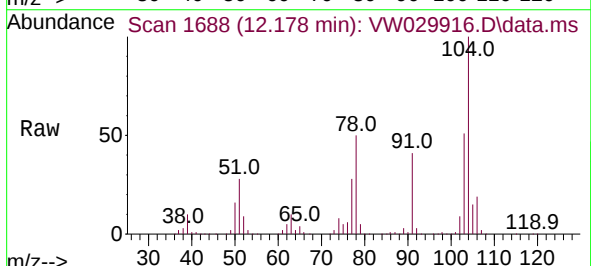
Acq: 15 Aug 2024 19:32

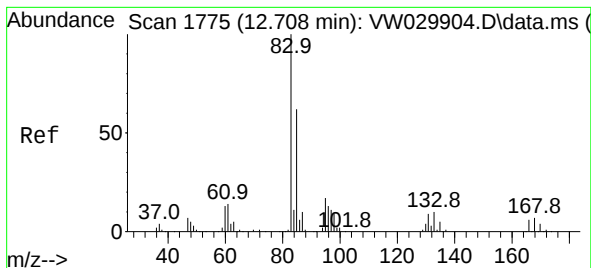
Tgt Ion:104 Resp: 244458

Ion Ratio Lower Upper

104 100

78 49.6 33.3 61.9

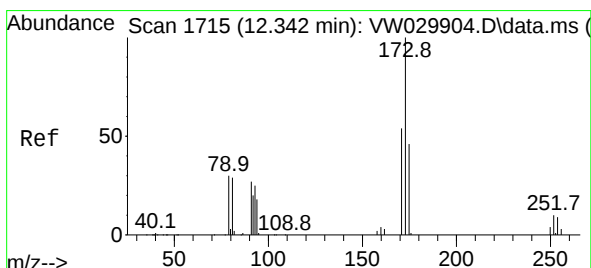
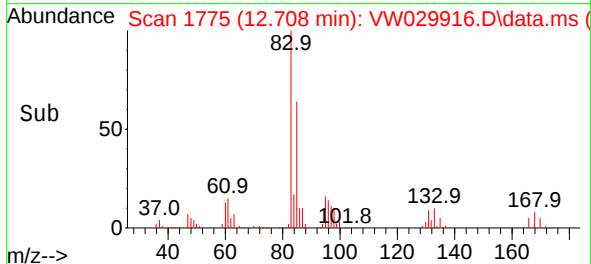
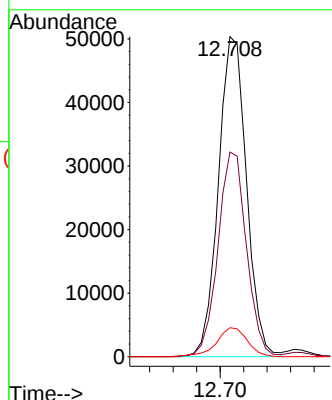
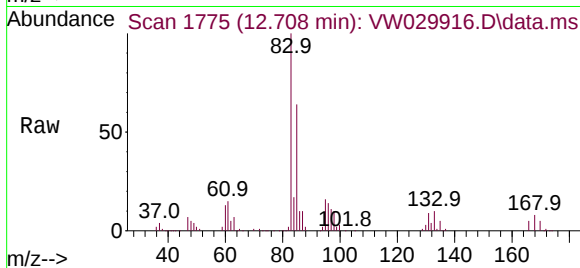




#57
1,1,2,2-Tetrachloroethane
Concen: 29.424 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

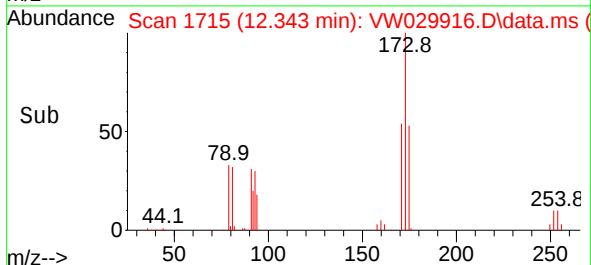
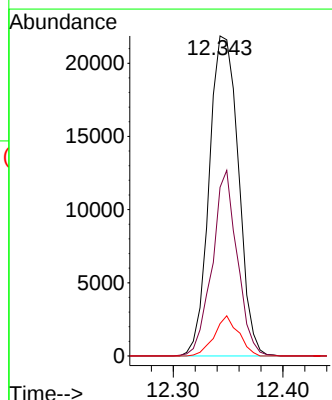
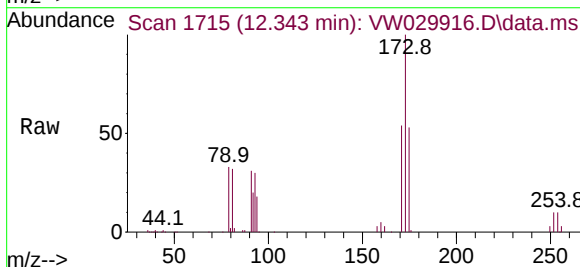
Instrument :
MSVOA_W
ClientSampleId :

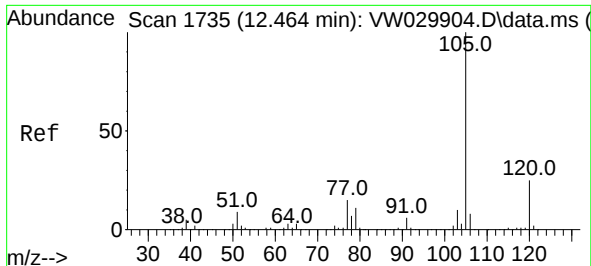
Tgt Ion: 83 Resp: 83680
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.0
131 9.0 6.2 9.2



#59
Bromoform
Concen: 29.228 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

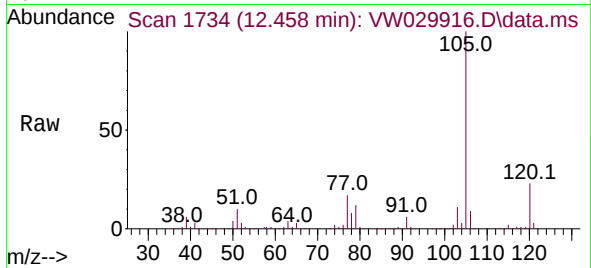
Tgt Ion:173 Resp: 40427
Ion Ratio Lower Upper
173 100
175 49.7 38.1 57.1
254 10.5 7.8 11.6



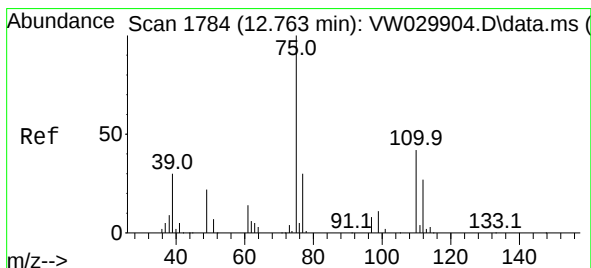
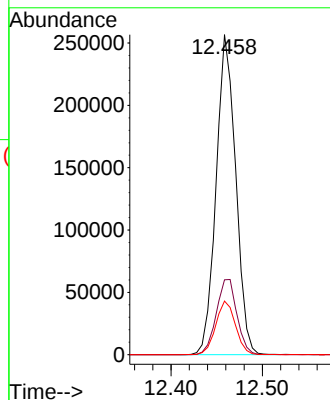
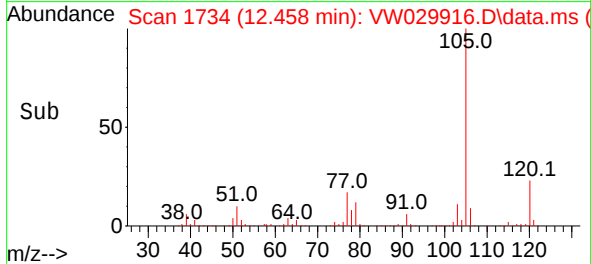


#60
Isopropylbenzene
Concen: 26.835 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

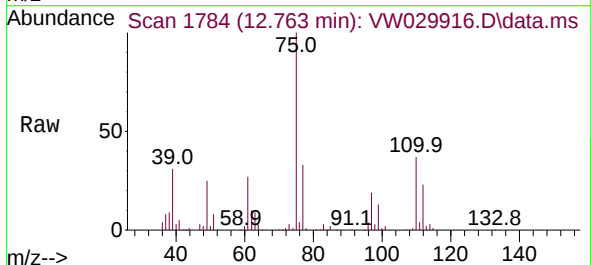
Instrument :
MSVOA_W
ClientSampleId :



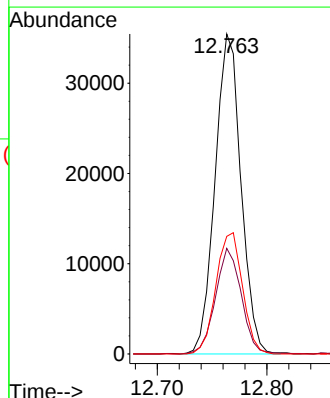
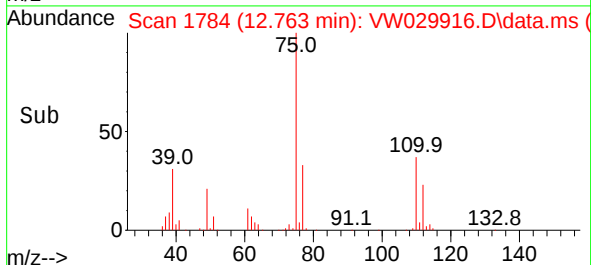
Tgt Ion:105 Resp: 381709
Ion Ratio Lower Upper
105 100
120 24.8 20.3 30.5
77 16.9 14.0 21.0

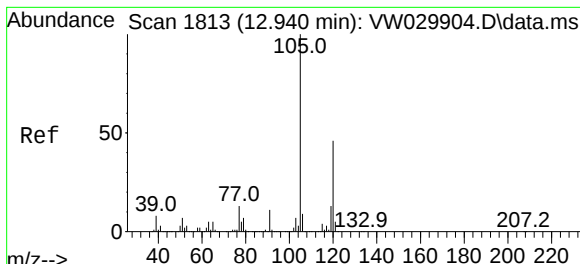


#61
1,2,3-Trichloropropane
Concen: 26.070 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32



Tgt Ion: 75 Resp: 58284
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 38.8 28.6 43.0



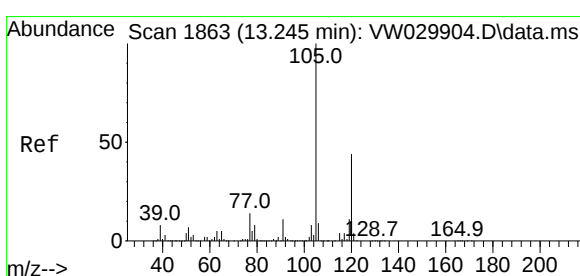
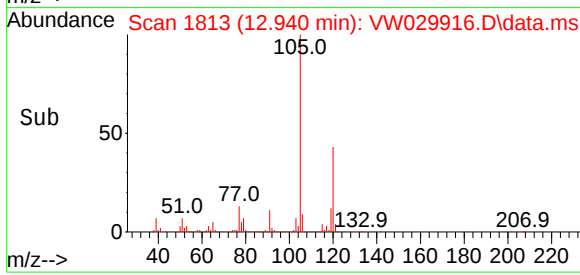
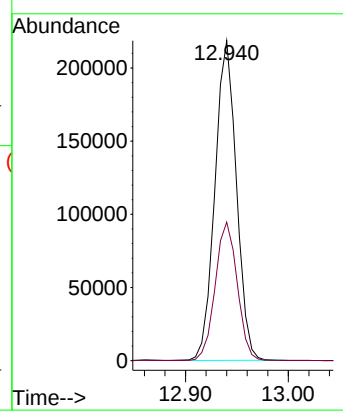
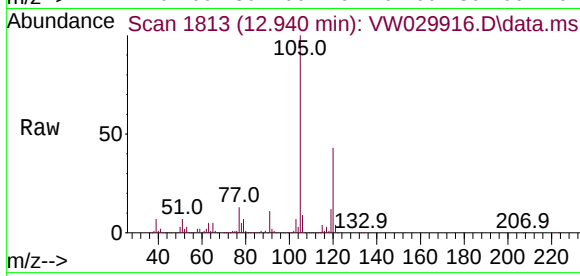


#62
 1,3,5-Trimethylbenzene
 Concen: 29.933 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW029916.D
 Acq: 15 Aug 2024 19:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 316474

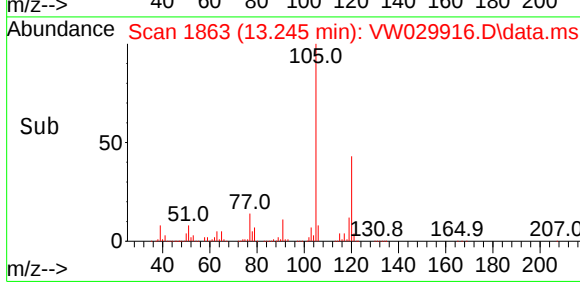
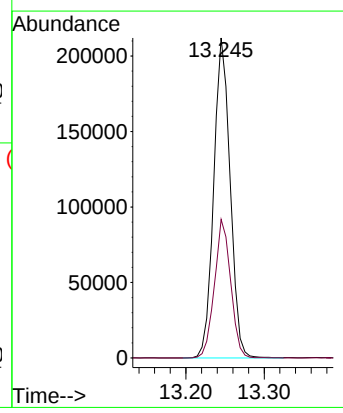
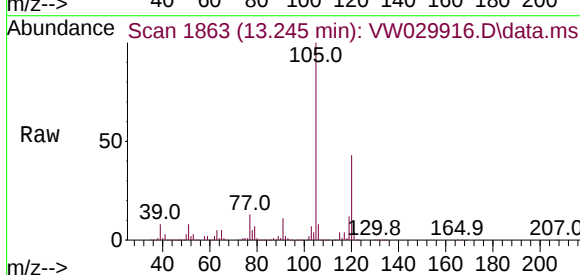
Ion	Ratio	Lower	Upper
105	100		
120	44.5	38.2	57.2

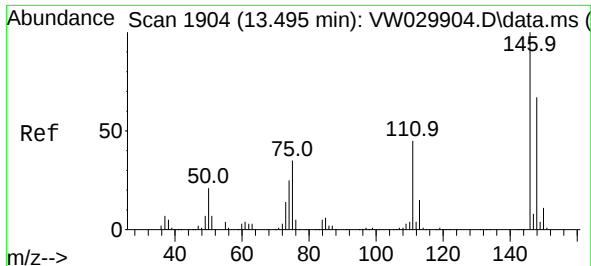


#63
 1,2,4-Trimethylbenzene
 Concen: 27.276 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW029916.D
 Acq: 15 Aug 2024 19:32

Tgt Ion:105 Resp: 308417

Ion	Ratio	Lower	Upper
105	100		
120	42.8	35.4	53.0

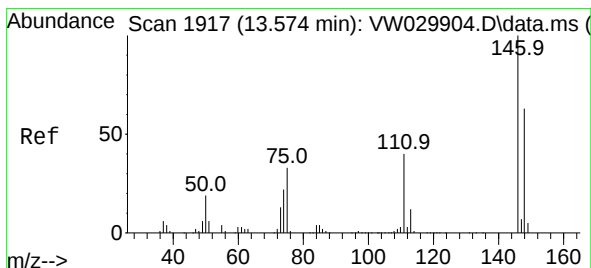
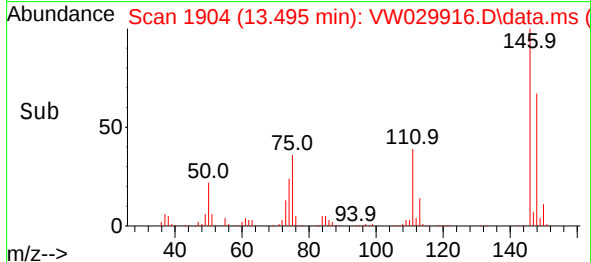
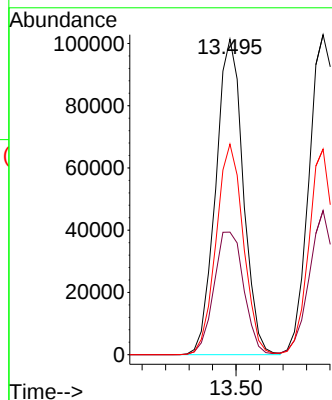
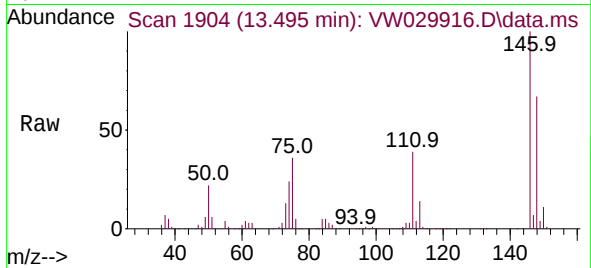




#64
1,3-Dichlorobenzene
Concen: 27.114 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

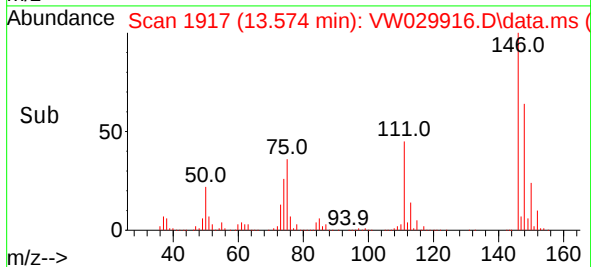
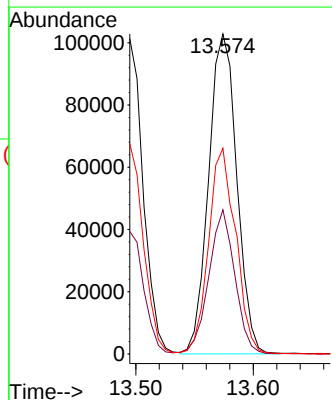
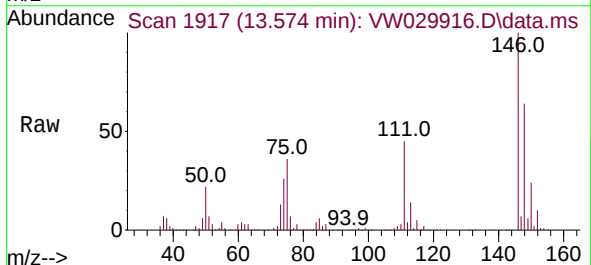
Instrument :
MSVOA_W
ClientSampleId :

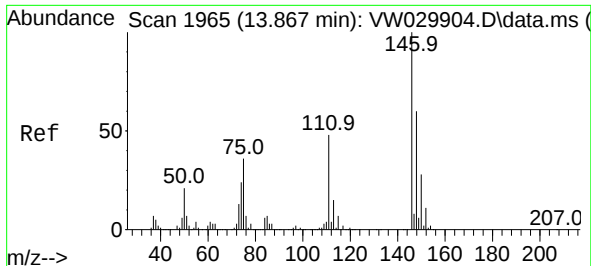
Tgt Ion:146 Resp: 164550
Ion Ratio Lower Upper
146 100
111 38.9 28.7 53.3
148 66.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 27.520 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

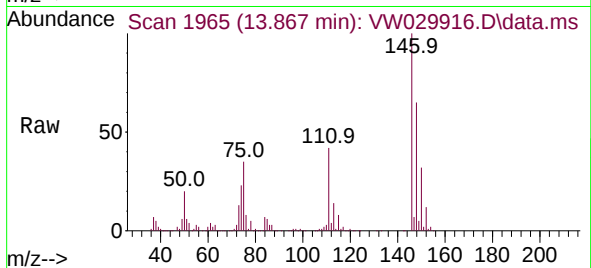
Tgt Ion:146 Resp: 171558
Ion Ratio Lower Upper
146 100
111 45.1 30.1 55.9
148 64.3 45.4 84.4



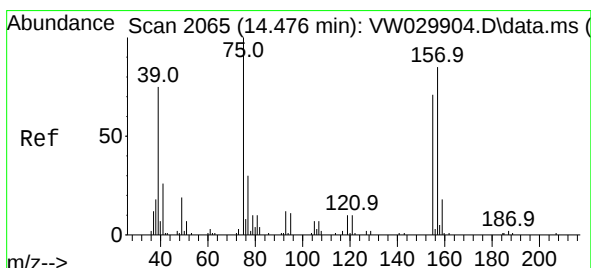
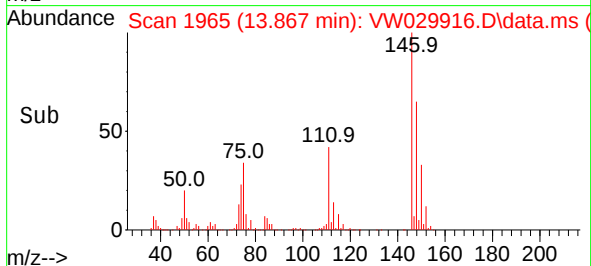
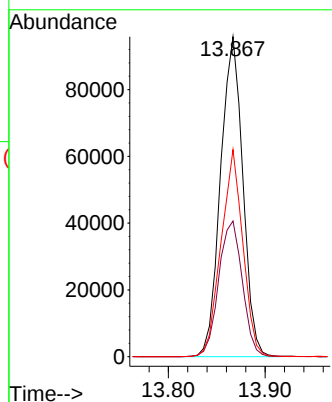


#67
1,2-Dichlorobenzene
Concen: 27.734 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Instrument :
MSVOA_W
ClientSampleId :

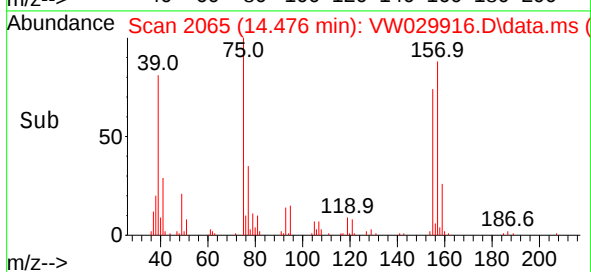
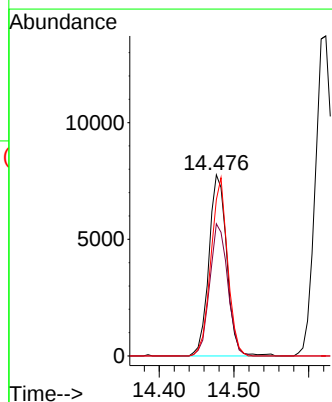
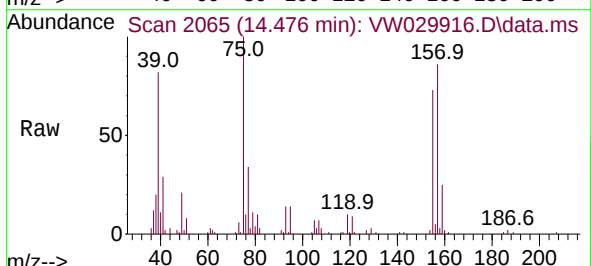


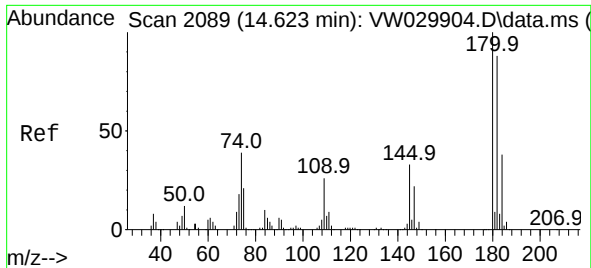
Tgt Ion:146 Resp: 153236
Ion Ratio Lower Upper
146 100
111 42.4 35.8 53.8
148 64.7 52.6 78.8



#68
1,2-Dibromo-3-chloropropane
Concen: 25.450 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Tgt Ion: 75 Resp: 12919
Ion Ratio Lower Upper
75 100
155 72.9 47.8 71.6#
157 86.3 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 26.120 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

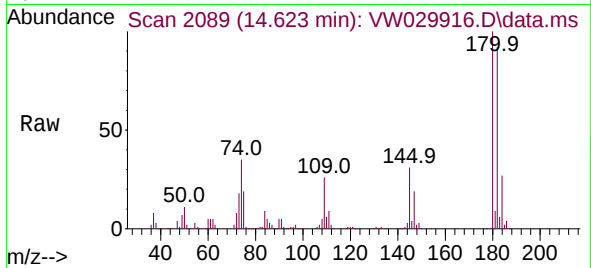
Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 108455

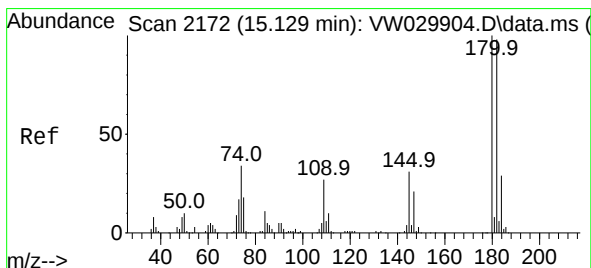
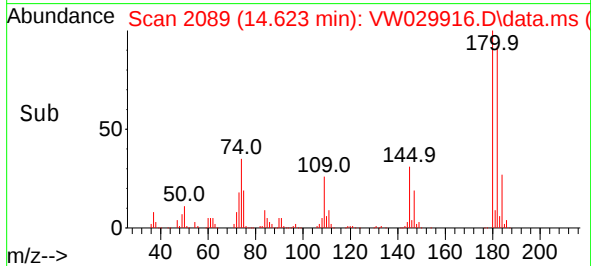
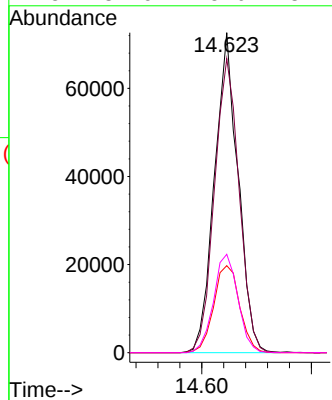
Ion Ratio Lower Upper

180 100

182 96.1 72.7 109.1

184 30.1 23.3 34.9

145 31.9 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 25.559 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029916.D

Acq: 15 Aug 2024 19:32

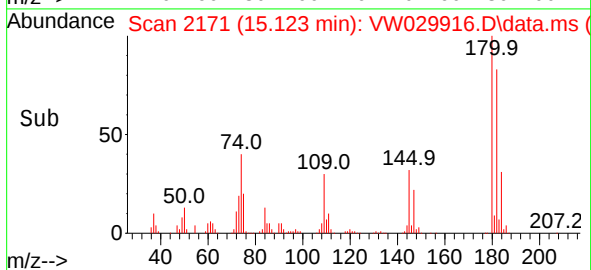
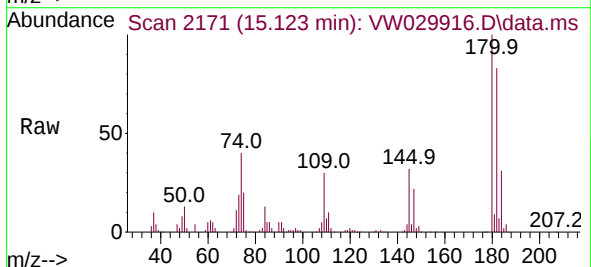
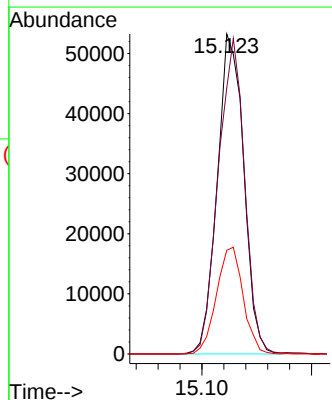
Tgt Ion:180 Resp: 89410

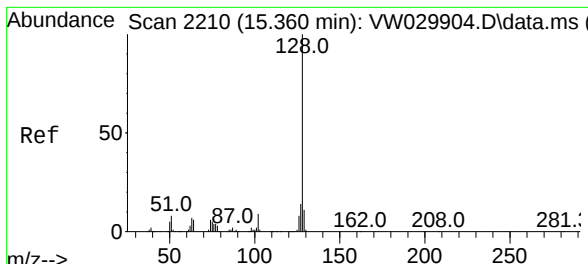
Ion Ratio Lower Upper

180 100

182 97.9 80.2 120.4

145 33.6 26.3 39.5



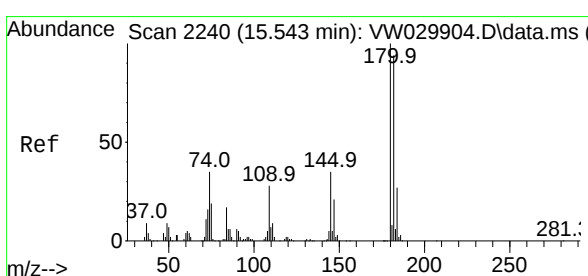
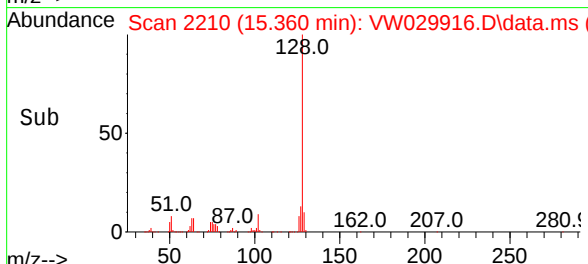
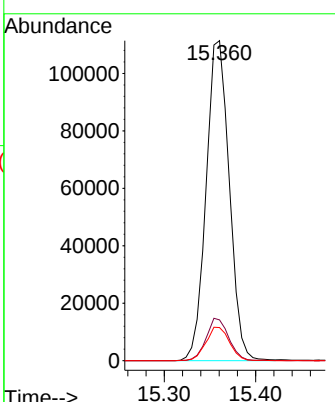
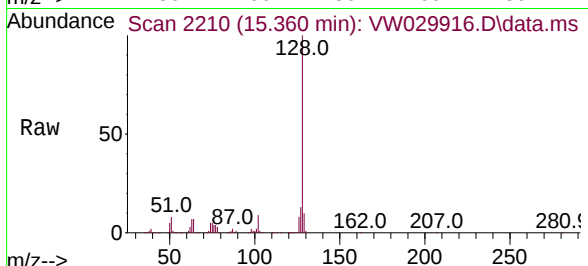


#71
Naphthalene
Concen: 29.356 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 195943

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.7	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.893 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW029916.D
Acq: 15 Aug 2024 19:32

Tgt Ion:180 Resp: 88314

Ion	Ratio	Lower	Upper
180	100		
182	92.4	74.0	111.0
145	33.7	27.5	41.3

