

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020124\
 Data File : VW027916.D
 Acq On : 01 Feb 2024 19:28
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 01 21:42:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 21:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	286920	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	266498	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	143742	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	69698	19.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.600%
7) Chloroethane-d5	2.899	69	45795	14.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.680%
11) 1,1-Dichloroethene-d2	4.027	65	30203	19.173	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.680%
21) 2-Butanone-d5	7.081	46	42027	72.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.160%#
24) Chloroform-d	7.654	84	183248	26.412	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.640%
26) 1,2-Dichloroethane-d4	8.307	65	88948	28.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	8.276	84	358391	23.695	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.760%
36) 1,2-Dichloropropane-d6	9.270	67	104623	25.002	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.000%
41) Toluene-d8	10.319	98	351578	24.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.440%
43) trans-1,3-Dichloroprop...	10.575	79	44449	27.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.320%
47) 2-Hexanone-d5	10.922	63	41557	75.659	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.320%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99345	33.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.320%#
66) 1,2-Dichlorobenzene-d4	13.848	152	137754	27.262	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	54578	18.337	ug/L	96
3) Chloromethane	2.229	50	68718	18.579	ug/L	99
5) Vinyl chloride	2.381	62	83567	22.386	ug/L	97
6) Bromomethane	2.789	94	58941	20.279	ug/L	95
8) Chloroethane	2.936	64	40182	16.338	ug/L	98
9) Trichlorofluoromethane	3.265	101	59439	13.876	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	74537	21.380	ug/L #	84
12) 1,1-Dichloroethene	4.045	96	72782	21.326	ug/L	90
13) Acetone	4.143	43	25976	35.098	ug/L	97
14) Carbon disulfide	4.393	76	202837	19.335	ug/L	97
15) Methyl Acetate	4.673	43	28452	28.258	ug/L	94
16) Methylene chloride	4.923	84	85524	20.560	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	81763	22.423	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	116275	26.099	ug/L	99
19) 1,1-Dichloroethane	6.222	63	141895	22.938	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	94467	23.819	ug/L	95
22) 2-Butanone	7.179	43	38345	53.413	ug/L	96
23) Bromochloromethane	7.508	128	44527	25.876	ug/L	96
25) Chloroform	7.679	83	155269	24.278	ug/L	96

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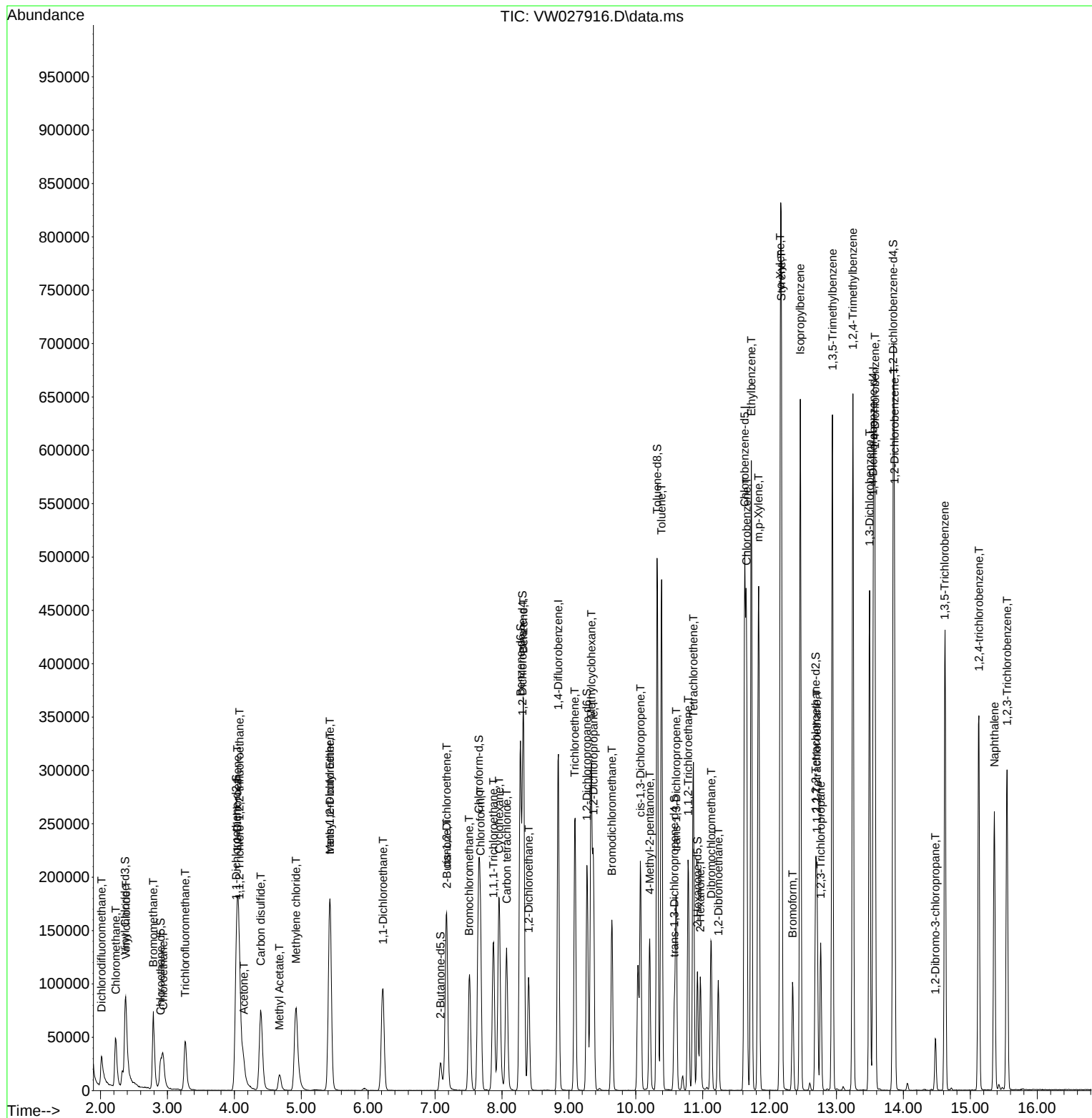
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	96903	26.808	ug/L	99
29) Cyclohexane	7.959	56	107261	19.781	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	118841	22.234	ug/L	98
31) Carbon tetrachloride	8.069	117	108270	23.351	ug/L	99
33) Benzene	8.319	78	328868	22.356	ug/L	100
34) Trichloroethene	9.087	95	90853	22.596	ug/L	96
35) Methylcyclohexane	9.337	83	137538	20.324	ug/L	99
37) 1,2-Dichloropropane	9.367	63	83132	23.459	ug/L	99
38) Bromodichloromethane	9.642	83	113060	25.515	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	134154	24.567	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	84142	60.870	ug/L	99
42) Toluene	10.386	91	374552	23.396	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	109074	25.876	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	71657	26.990	ug/L	97
46) Tetrachloroethene	10.861	164	72444	22.097	ug/L	97
48) 2-Hexanone	10.965	43	59351	59.298	ug/L	95
49) Dibromochloromethane	11.129	129	81007	27.924	ug/L	99
50) 1,2-Dibromoethane	11.233	107	68968	28.184	ug/L	96
51) Chlorobenzene	11.654	112	252641	23.899	ug/L	98
52) Ethylbenzene	11.727	91	426814	23.652	ug/L	97
53) m,p-Xylene	11.837	106	161811	23.038	ug/L	93
54) o-Xylene	12.160	106	162649	24.721	ug/L	94
55) Styrene	12.178	104	283425	25.500	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	84251	29.434	ug/L	93
59) Bromoform	12.343	173	46816	26.525	ug/L #	90
60) Isopropylbenzene	12.458	105	426329	21.814	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	58738	26.987	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	348182	22.175	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	354188	22.735	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	209829	23.404	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	209279	23.881	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	191113	25.009	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	12110	28.510	ug/L	89
69) 1,3,5-Trichlorobenzene	14.617	180	138323	22.408	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	120403	23.755	ug/L	95
71) Naphthalene	15.360	128	233241	28.013	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	106863	25.070	ug/L	98

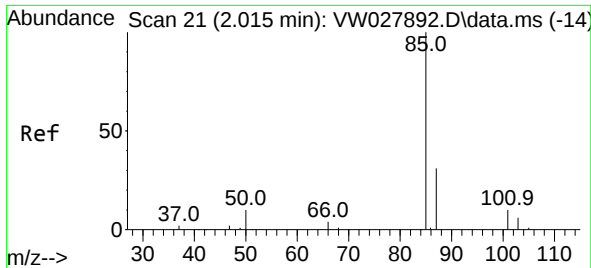
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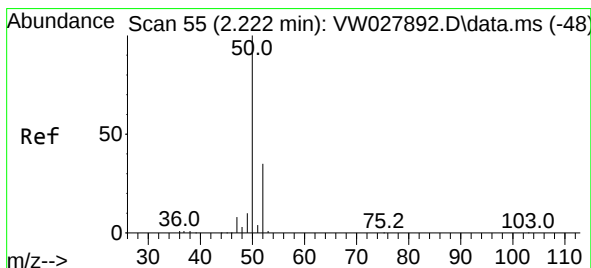
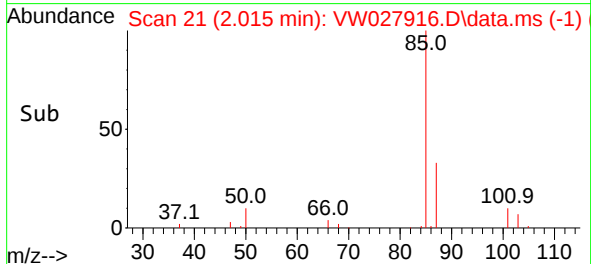
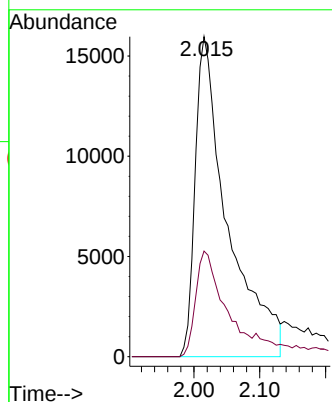
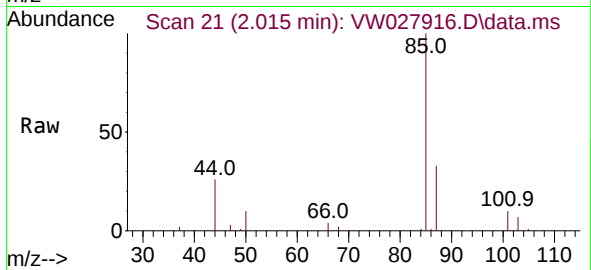




#2
 Dichlorodifluoromethane
 Concen: 18.337 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027916.D
 Acq: 01 Feb 2024 19:28

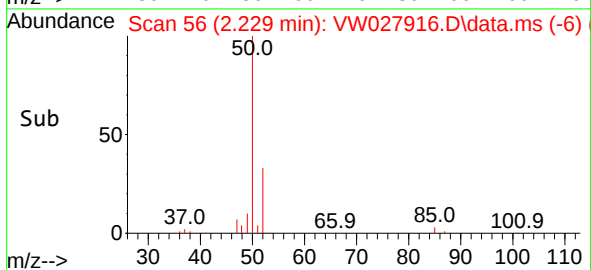
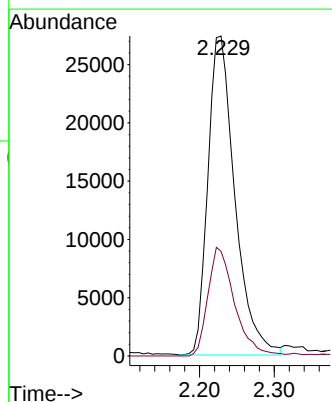
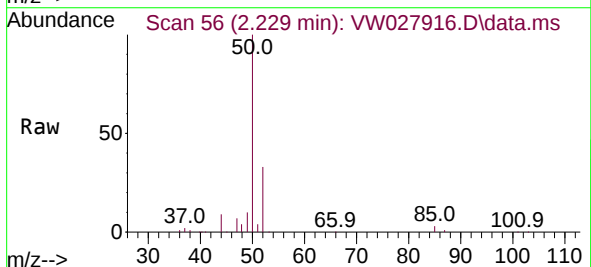
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 ClientSampleId :

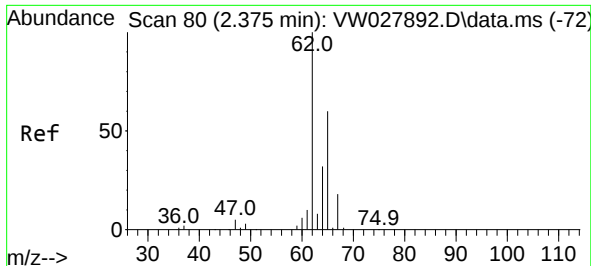
Tgt Ion: 85 Resp: 54578
 Ion Ratio Lower Upper
 85 100
 87 29.3 25.0 37.4



#3
 Chloromethane
 Concen: 18.579 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027916.D
 Acq: 01 Feb 2024 19:28

Tgt Ion: 50 Resp: 68718
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.7

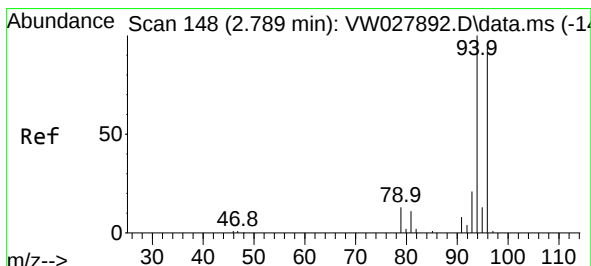
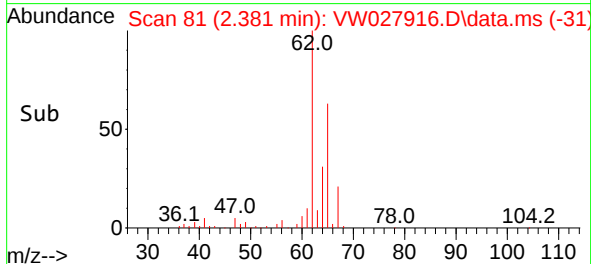
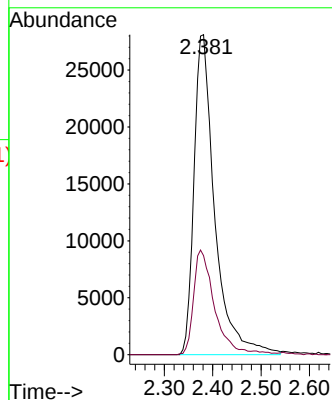
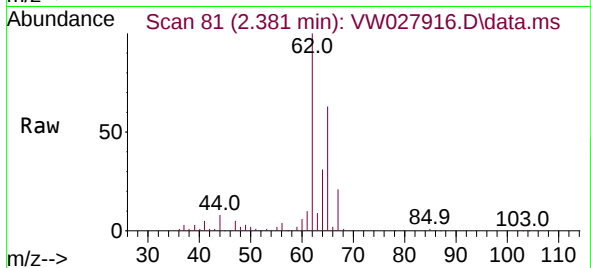




#5
 Vinyl chloride
 Concen: 22.386 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW027916.D
 Acq: 01 Feb 2024 19:28

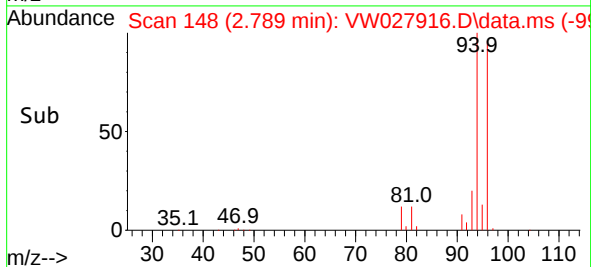
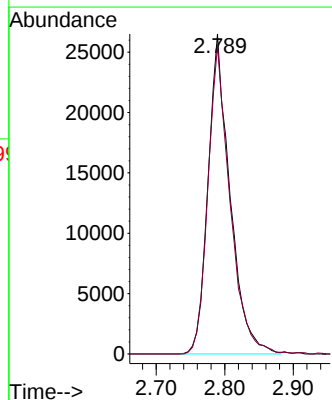
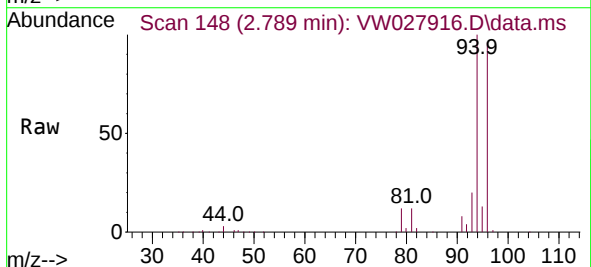
Instrument :
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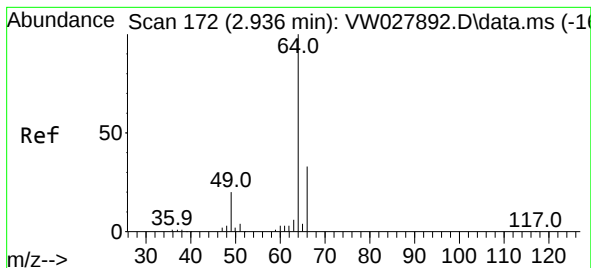
Tgt Ion: 62 Resp: 83567
 Ion Ratio Lower Upper
 62 100
 64 30.9 23.0 42.6



#6
 Bromomethane
 Concen: 20.279 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027916.D
 Acq: 01 Feb 2024 19:28

Tgt Ion: 94 Resp: 58941
 Ion Ratio Lower Upper
 94 100
 96 96.3 64.3 119.5





#8

Chloroethane

Concen: 16.338 ug/L

RT: 2.936 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

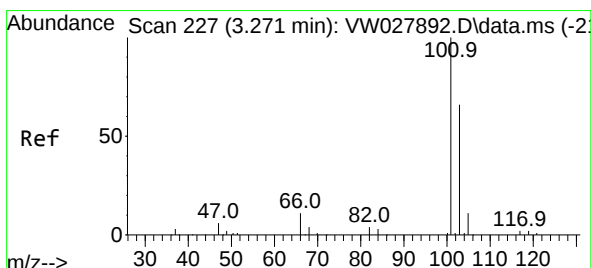
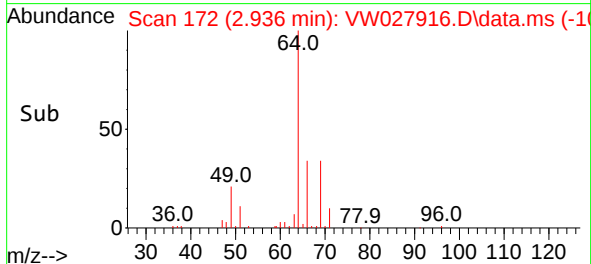
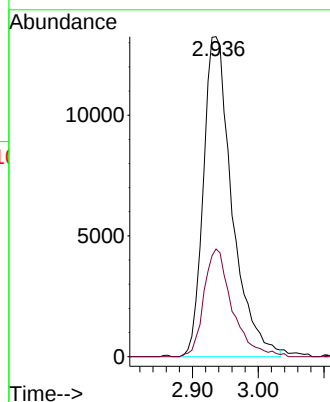
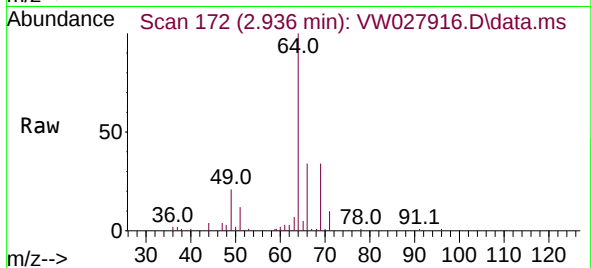
ClientSampleId :

Tgt Ion: 64 Resp: 40182

Ion Ratio Lower Upper

64 100

66 33.7 22.6 42.0



#9

Trichlorofluoromethane

Concen: 13.876 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.006 min

Lab File: VW027916.D

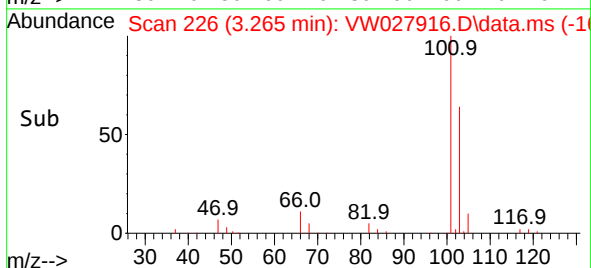
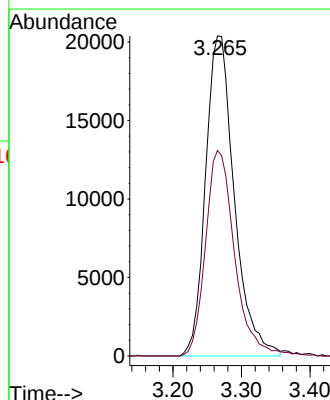
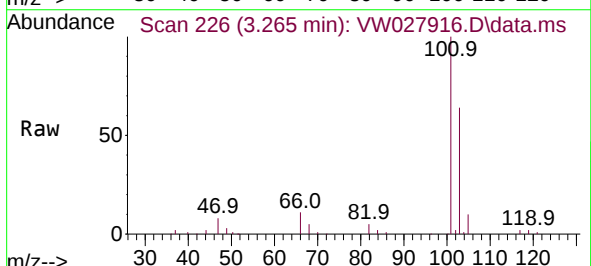
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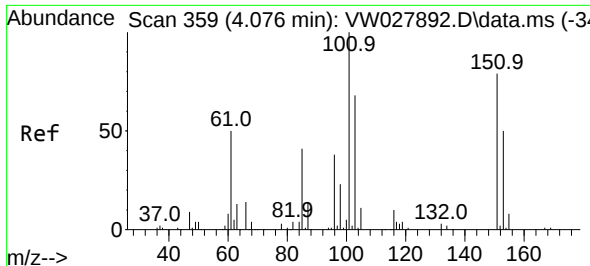
Tgt Ion:101 Resp: 59439

Ion Ratio Lower Upper

101 100

103 64.8 51.5 77.3

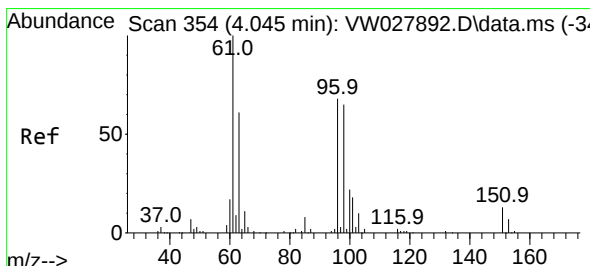
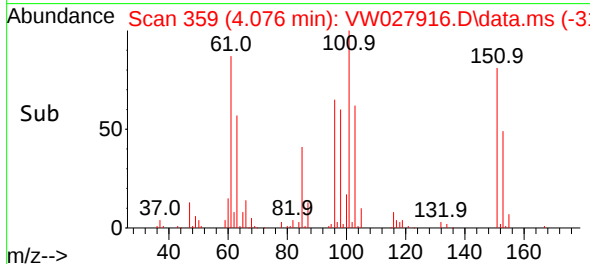
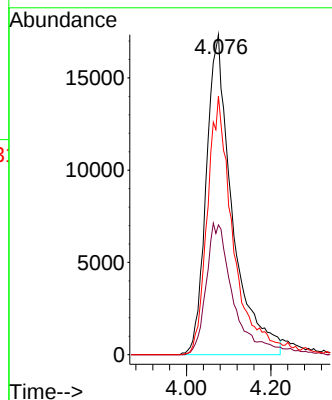
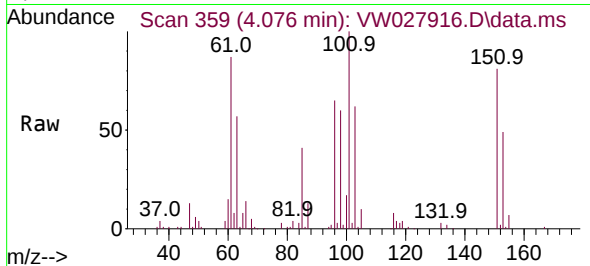




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.380 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027916.D
 Acq: 01 Feb 2024 19:28

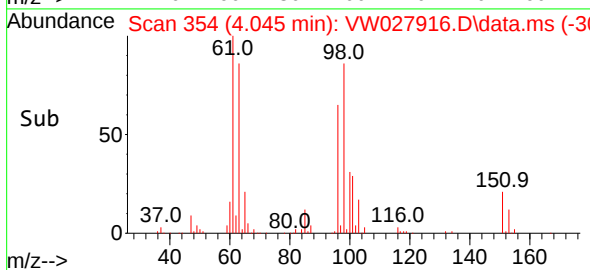
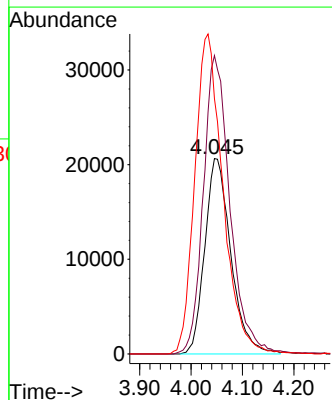
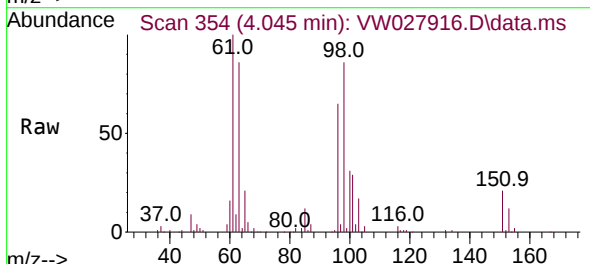
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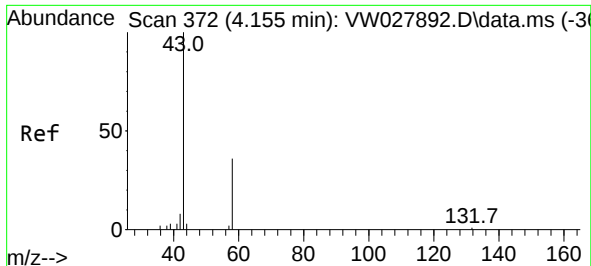
Tgt Ion:101 Resp: 74537
 Ion Ratio Lower Upper
 101 100
 85 16.9 32.6 48.8#
 151 79.7 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 21.326 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027916.D
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Tgt Ion: 96 Resp: 72782
 Ion Ratio Lower Upper
 96 100
 61 152.8 105.7 196.3
 63 130.7 76.0 141.2

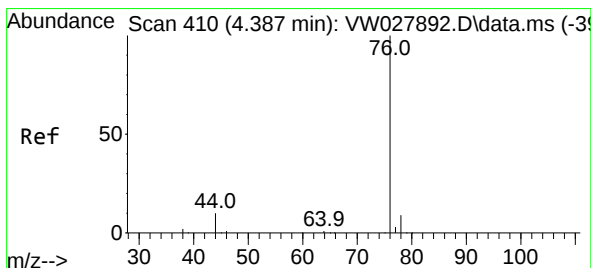
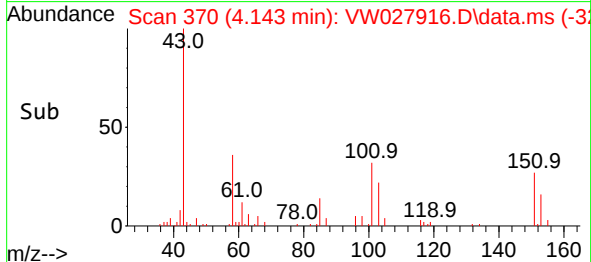
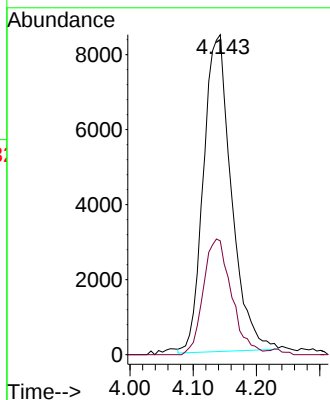
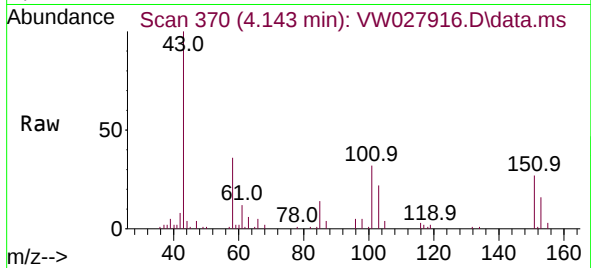




#13
Acetone
Concen: 35.098 ug/L
RT: 4.143 min Scan# 372
Delta R.T. -0.012 min
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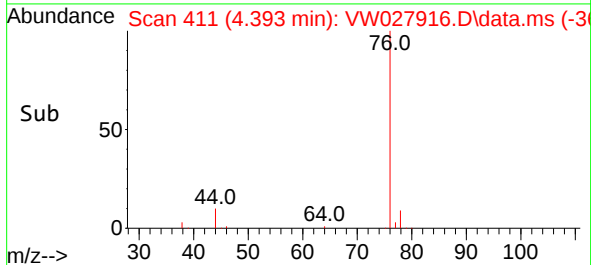
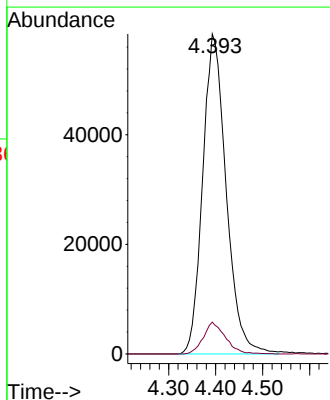
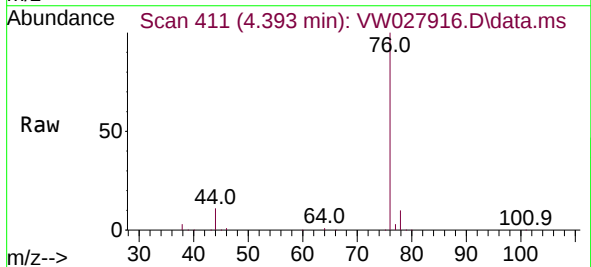
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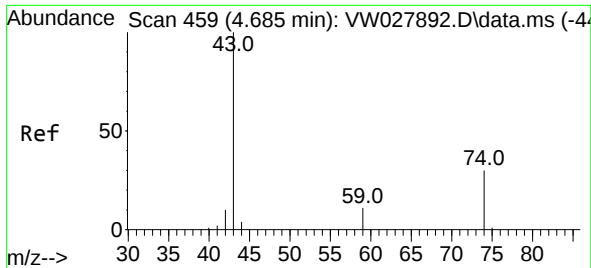
Tgt Ion: 43 Resp: 25976
Ion Ratio Lower Upper
43 100
58 36.8 0.0 70.2



#14
Carbon disulfide
Concen: 19.335 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027916.D
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Tgt Ion: 76 Resp: 202837
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

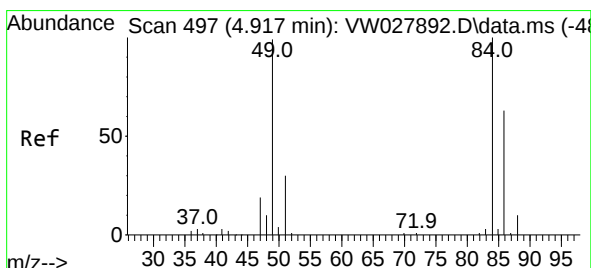
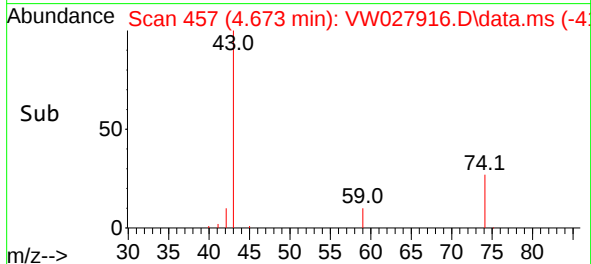
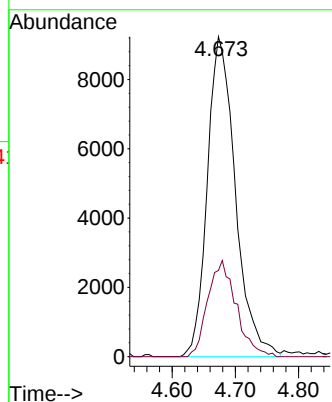
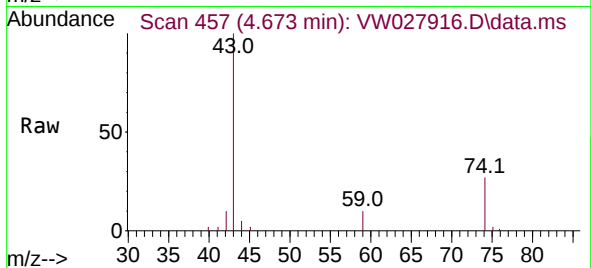




#15
Methyl Acetate
Concen: 28.258 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

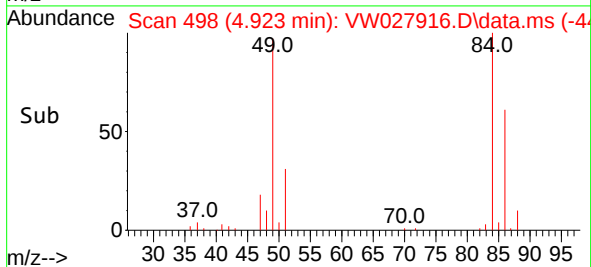
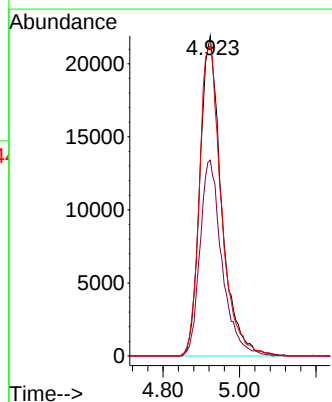
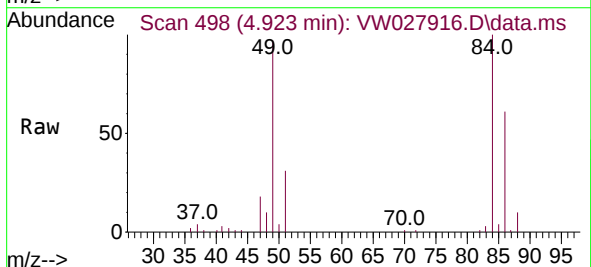
Instrument :
MSVOA_W
ClientSampleId :

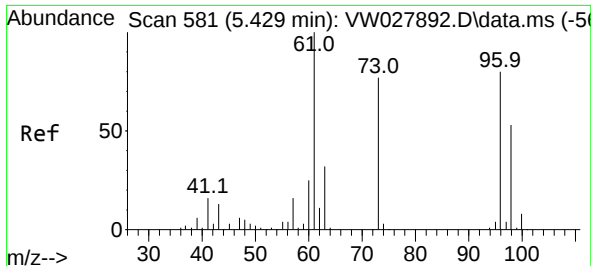
Tgt Ion: 43 Resp: 28452
Ion Ratio Lower Upper
43 100
74 30.4 21.9 32.9



#16
Methylene chloride
Concen: 20.560 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion: 84 Resp: 85524
Ion Ratio Lower Upper
84 100
86 61.2 43.5 80.9
49 97.0 70.3 130.5

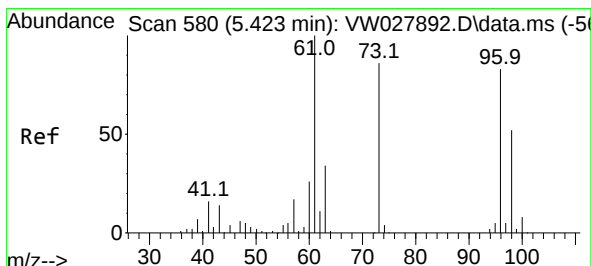
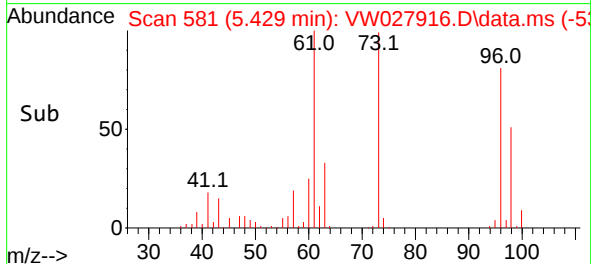
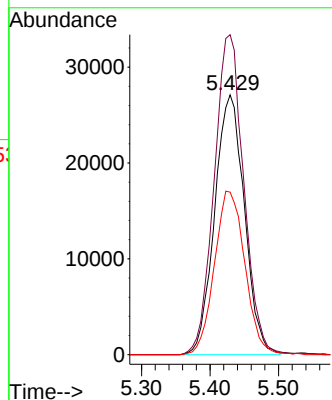
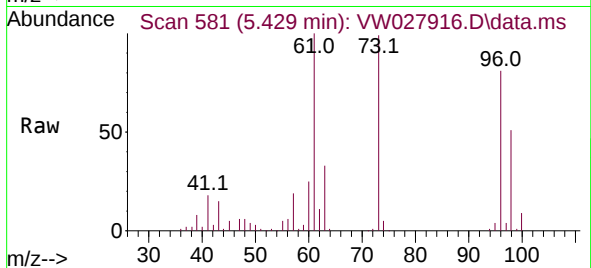




#17
trans-1,2-Dichloroethene
Concen: 22.423 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

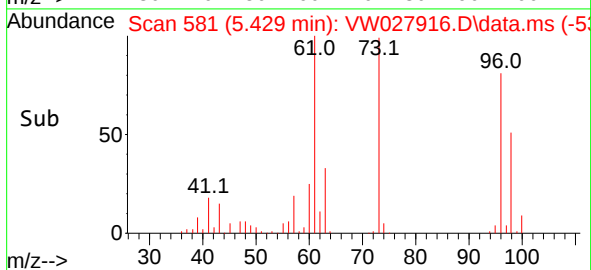
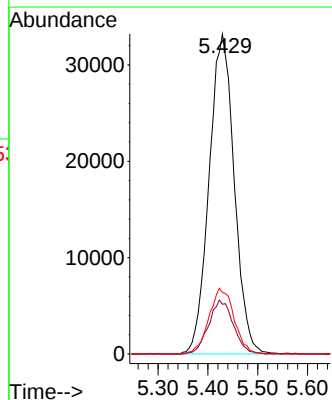
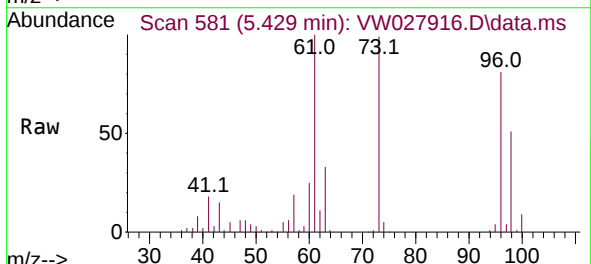
Instrument :
MSVOA_W
ClientSampleId :

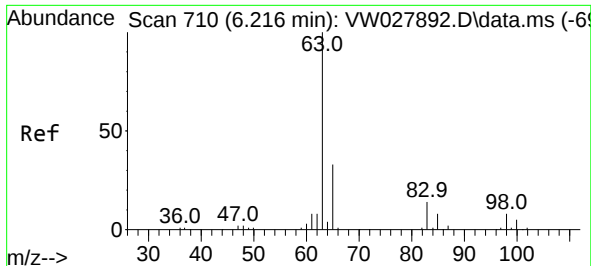
Tgt Ion: 96 Resp: 81763
Ion Ratio Lower Upper
96 100
61 123.1 85.0 157.8
98 62.5 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 26.099 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion: 73 Resp: 116275
Ion Ratio Lower Upper
73 100
43 16.4 13.5 20.3
57 20.5 16.9 25.3

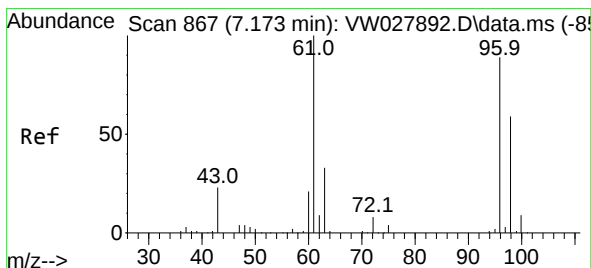
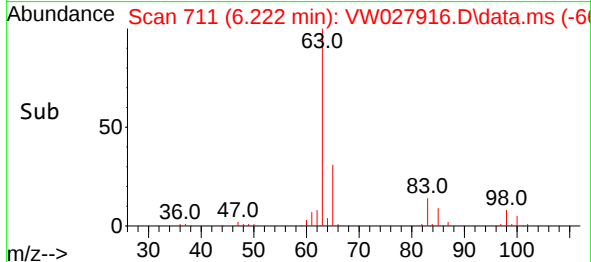
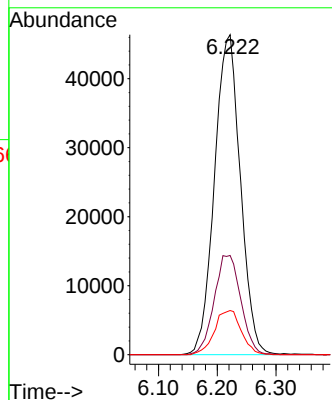
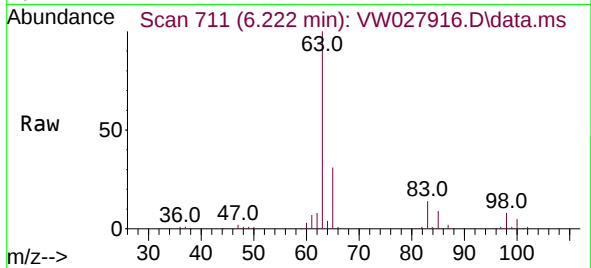




#19
1,1-Dichloroethane
Concen: 22.938 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

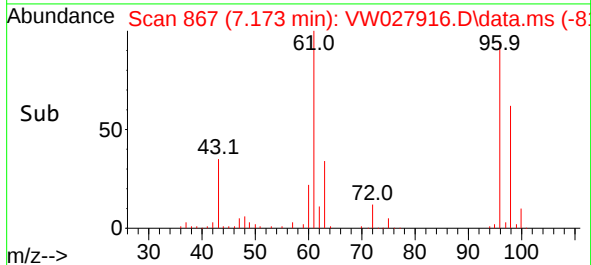
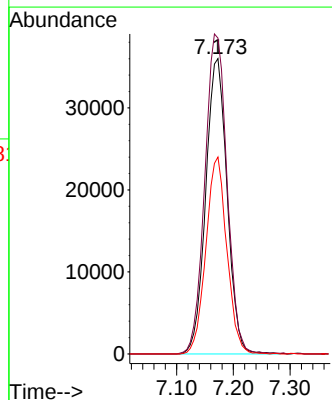
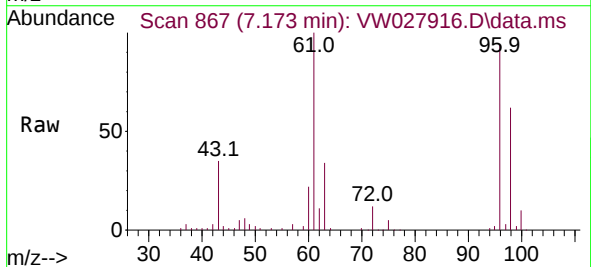
Instrument :
MSVOA_W
ClientSampleId :

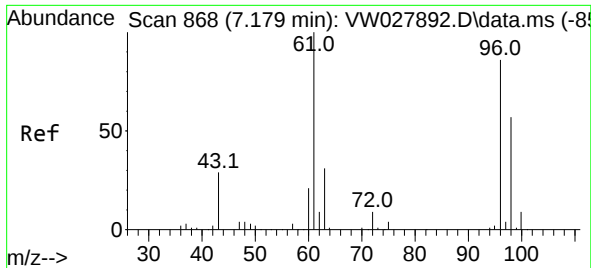
Tgt Ion: 63 Resp: 141895
Ion Ratio Lower Upper
63 100
65 31.0 21.5 39.9
83 13.8 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 23.819 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion: 96 Resp: 94467
Ion Ratio Lower Upper
96 100
61 106.9 81.1 150.7
98 66.7 46.5 86.5

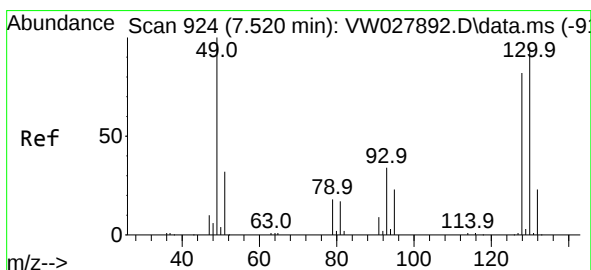
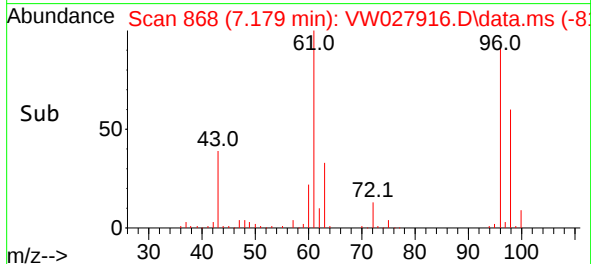
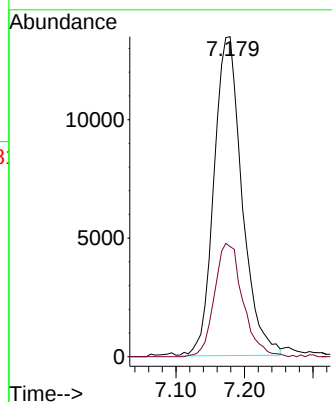
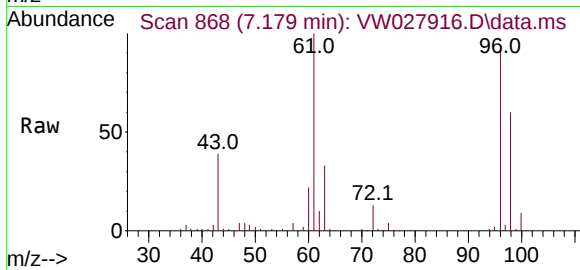




#22
2-Butanone
Concen: 53.413 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

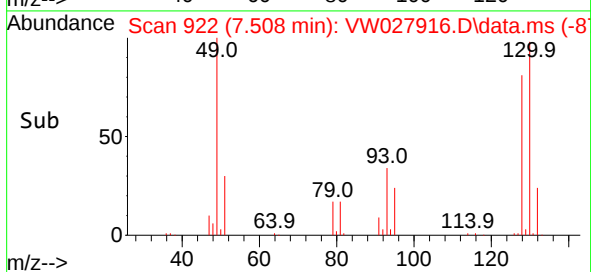
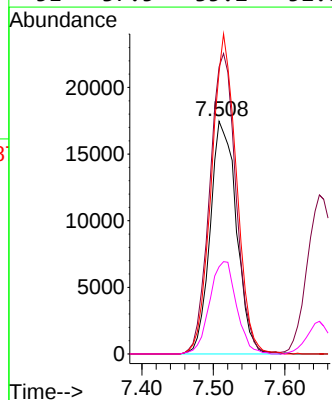
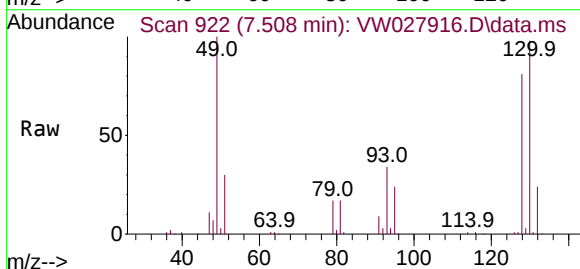
Instrument :
MSVOA_W
ClientSampleId :

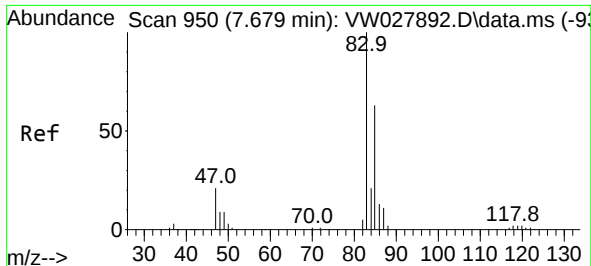
Tgt Ion: 43 Resp: 38345
Ion Ratio Lower Upper
43 100
72 35.8 16.7 50.1



#23
Bromochloromethane
Concen: 25.876 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.012 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion: 128 Resp: 44527
Ion Ratio Lower Upper
128 100
49 123.4 89.9 166.9
130 121.1 83.3 154.7
51 37.5 35.2 52.8

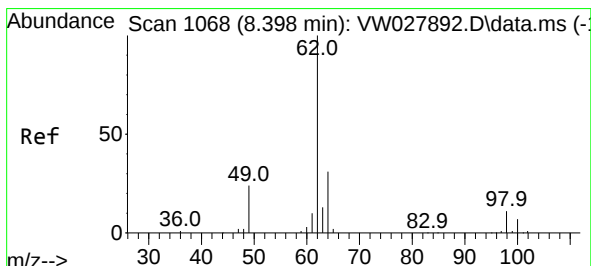
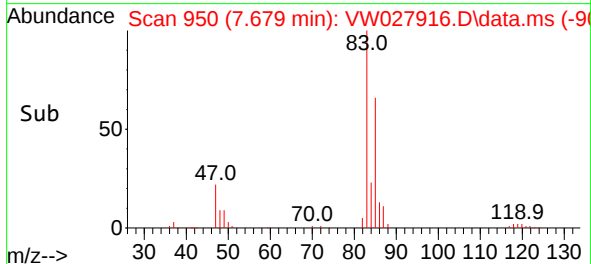
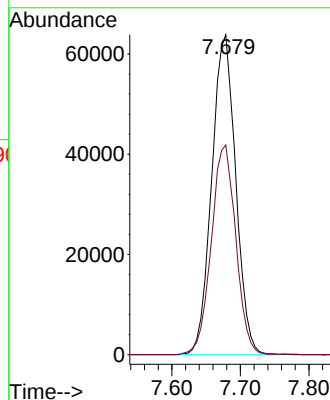
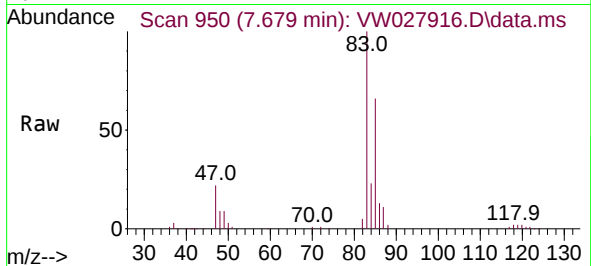




#25
Chloroform
Concen: 24.278 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

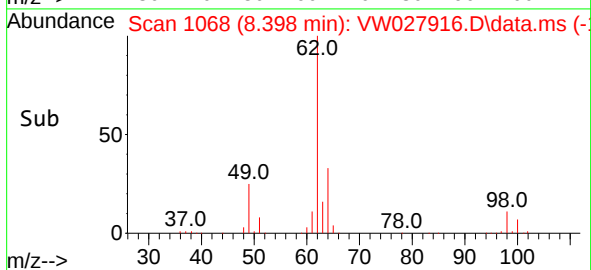
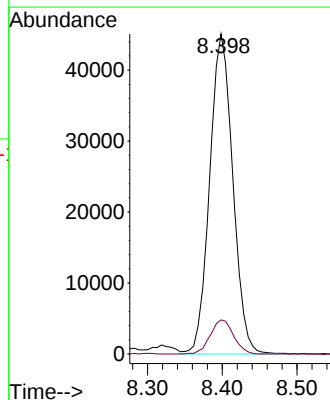
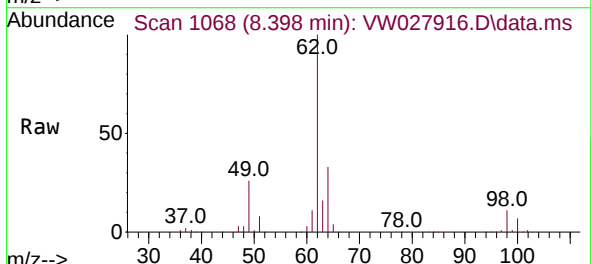
Instrument :
MSVOA_W
ClientSampleId :

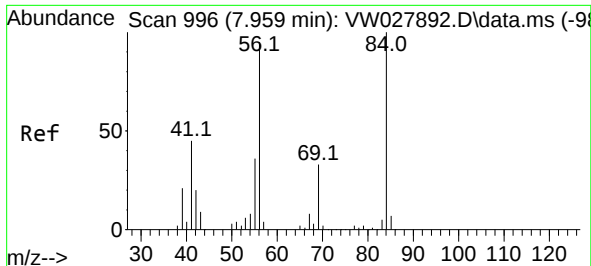
Tgt Ion: 83 Resp: 155269
Ion Ratio Lower Upper
83 100
85 65.6 43.7 81.1



#27
1,2-Dichloroethane
Concen: 26.808 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion: 62 Resp: 96903
Ion Ratio Lower Upper
62 100
98 10.7 8.1 12.1





#29

Cyclohexane

Concen: 19.781 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

ClientSampleId :

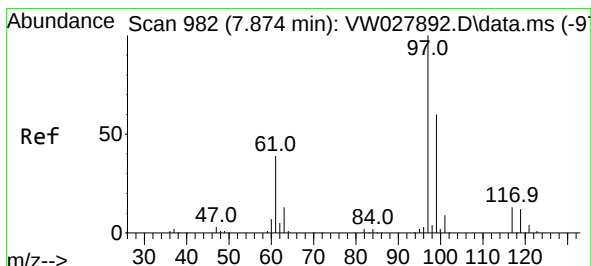
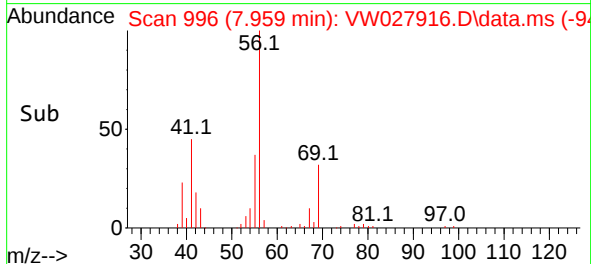
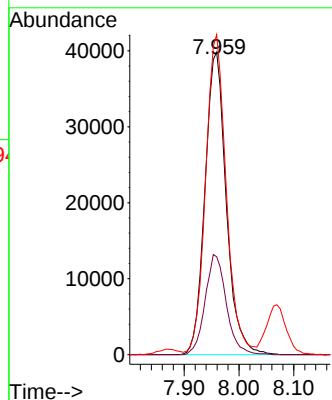
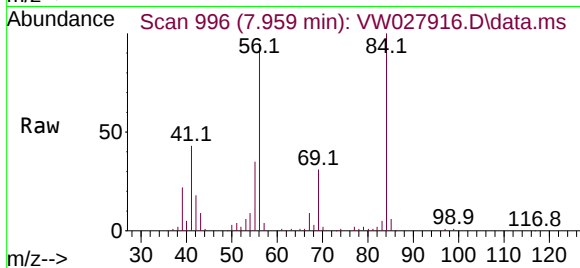
Tgt Ion: 56 Resp: 107261

Ion Ratio Lower Upper

56 100

69 32.9 25.8 38.6

84 103.0 79.0 118.4



#30

1,1,1-Trichloroethane

Concen: 22.234 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

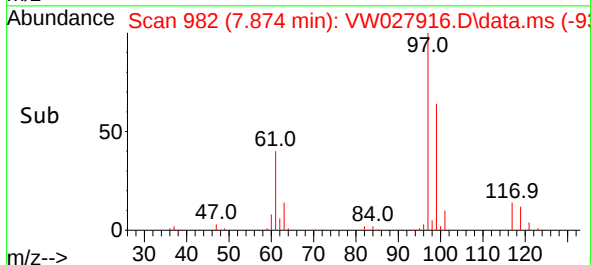
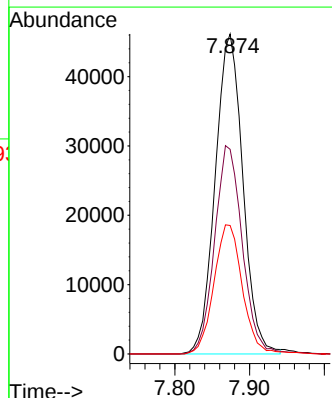
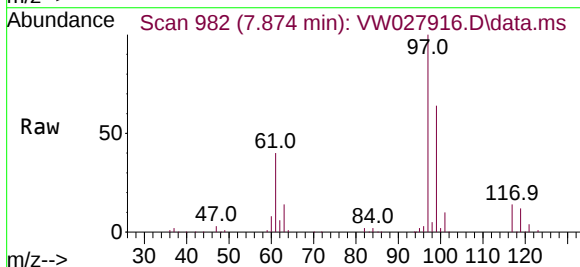
Tgt Ion: 97 Resp: 118841

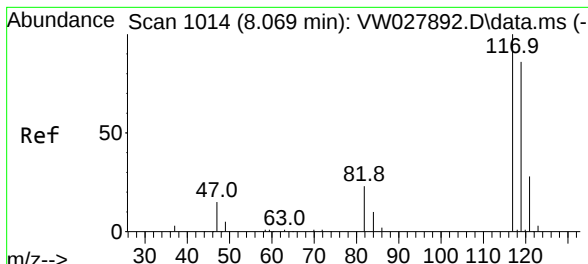
Ion Ratio Lower Upper

97 100

99 65.3 50.6 75.8

61 41.4 33.6 50.4



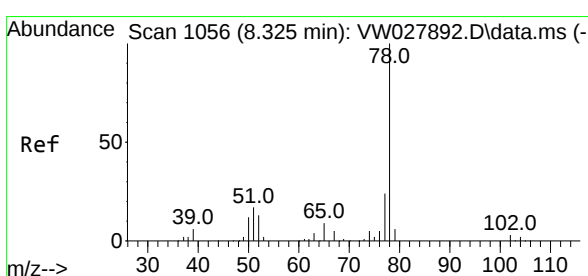
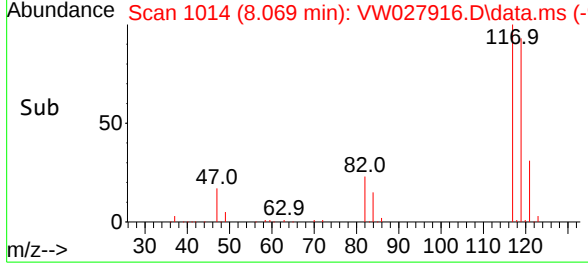
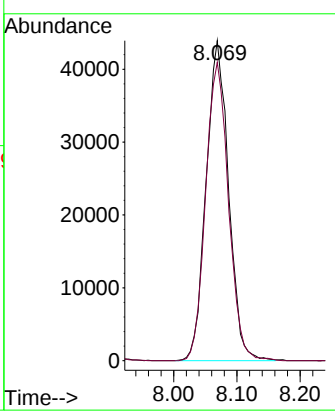
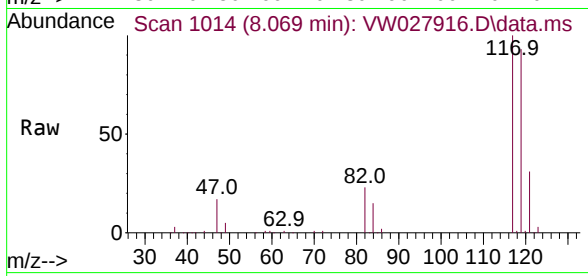


#31
Carbon tetrachloride
Concen: 23.351 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Instrument :
MSVOA_W
ClientSampleId :

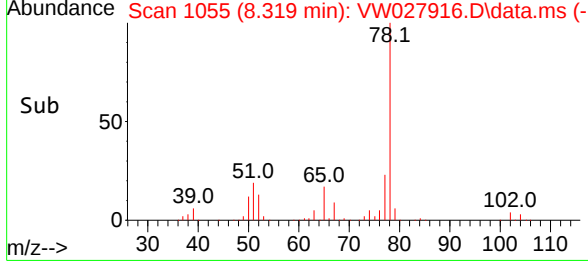
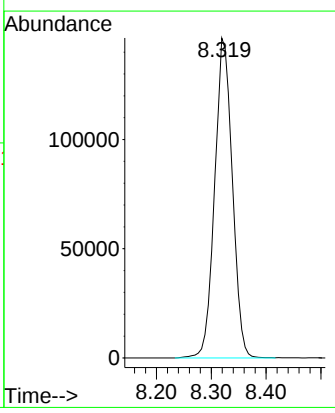
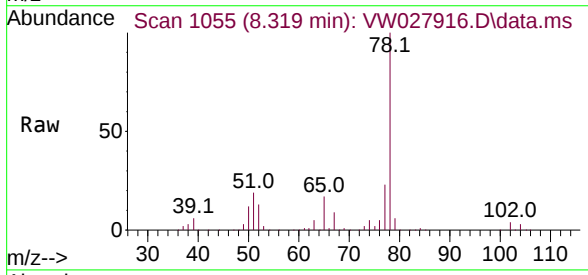
Tgt Ion:117 Resp: 108270

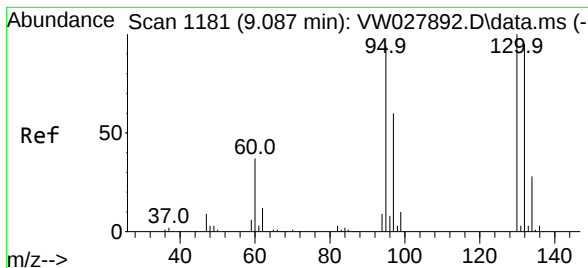
Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.8	112.2



#33
Benzene
Concen: 22.356 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion: 78 Resp: 328868





#34

Trichloroethene

Concen: 22.596 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

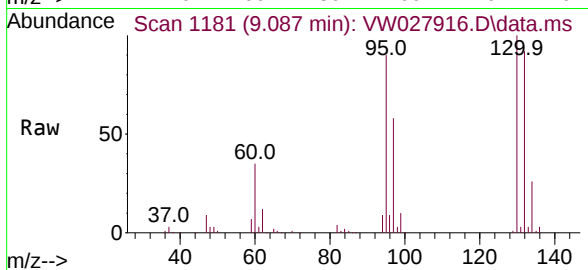
Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 90853

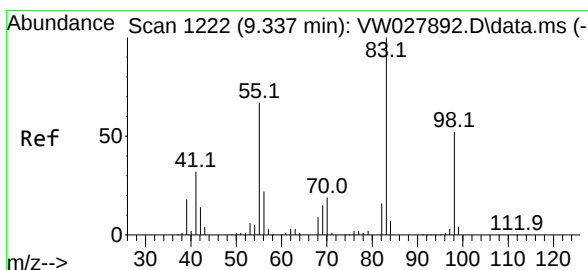
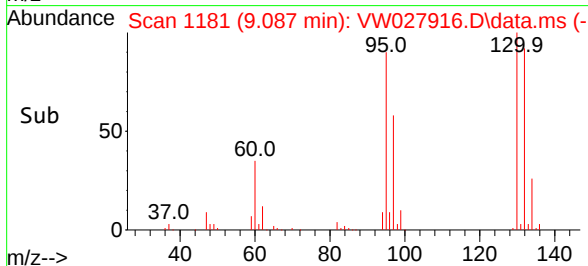
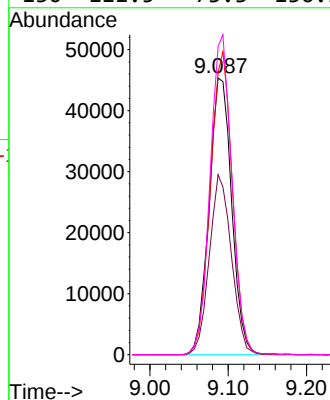
Ion Ratio Lower Upper

95 100

97 65.0 45.1 83.9

132 102.0 74.1 137.5

130 111.5 73.3 136.1



#35

Methylcyclohexane

Concen: 20.324 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

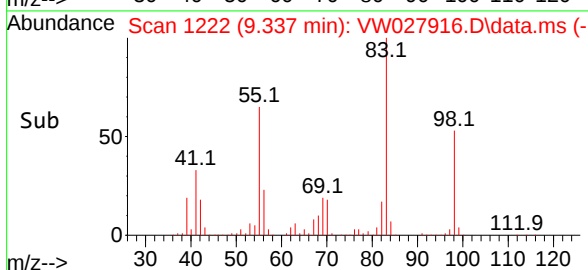
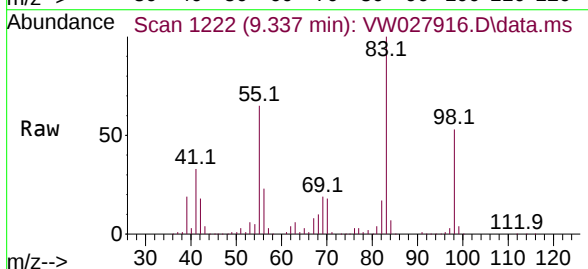
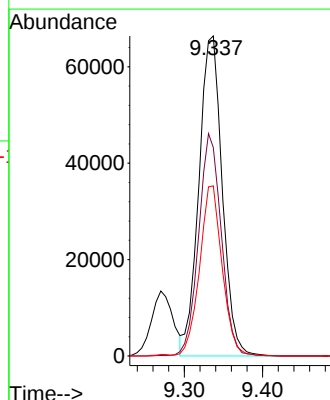
Tgt Ion: 83 Resp: 137538

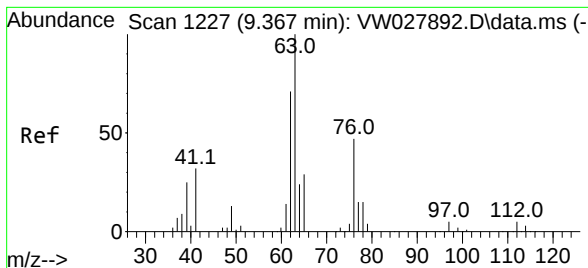
Ion Ratio Lower Upper

83 100

55 67.4 54.7 82.1

98 51.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 23.459 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

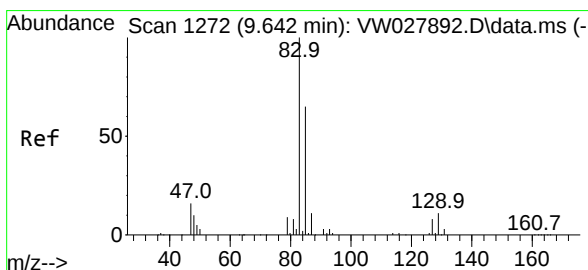
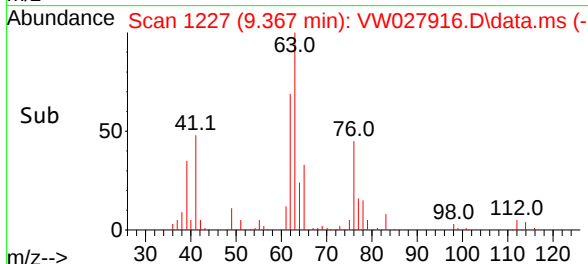
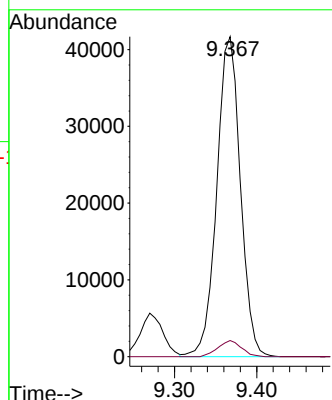
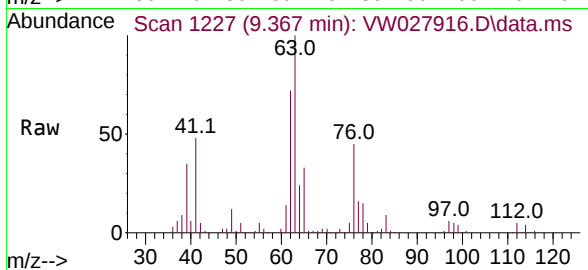
ClientSampleId :

Tgt Ion: 63 Resp: 83132

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 25.515 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

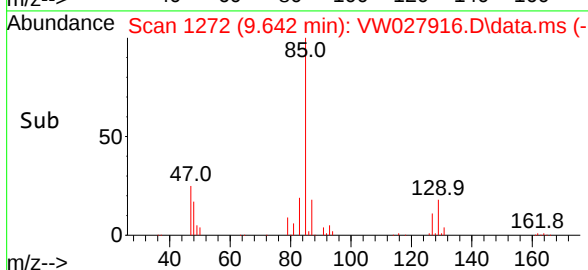
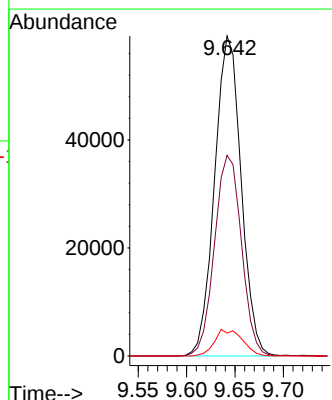
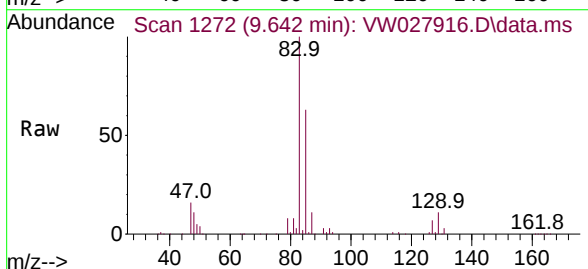
Tgt Ion: 83 Resp: 113060

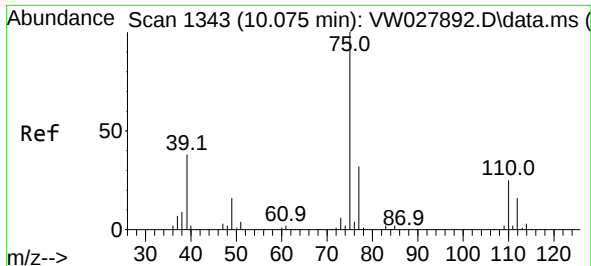
Ion Ratio Lower Upper

83 100

85 62.7 43.0 79.8

127 7.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 24.567 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

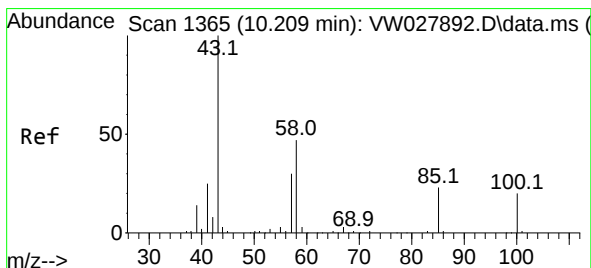
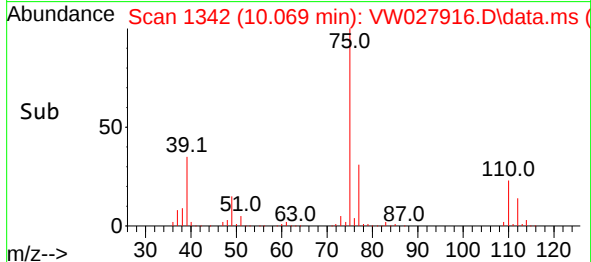
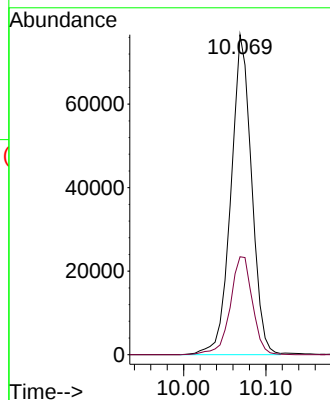
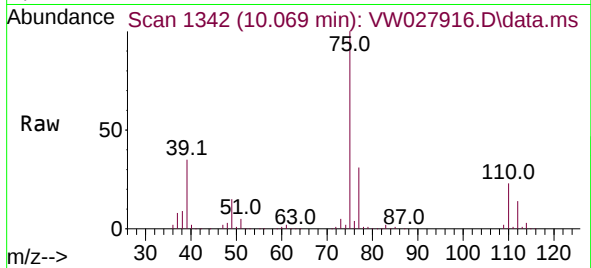
ClientSampleId :

Tgt Ion: 75 Resp: 134154

Ion Ratio Lower Upper

75 100

77 30.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 60.870 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

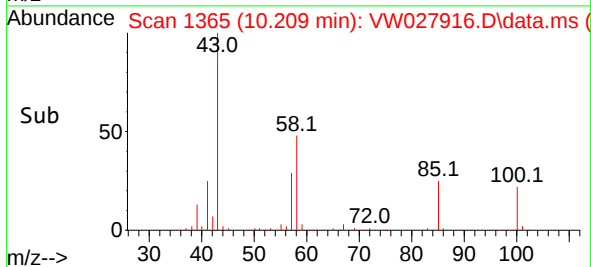
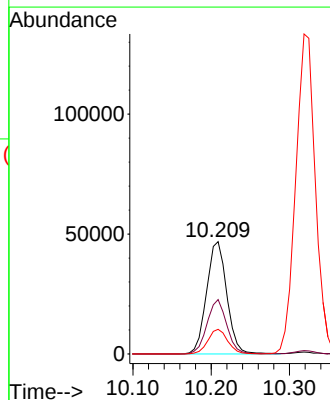
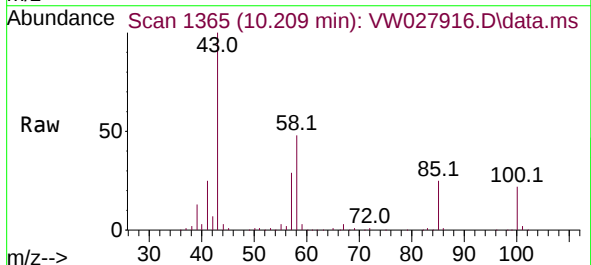
Tgt Ion: 43 Resp: 84142

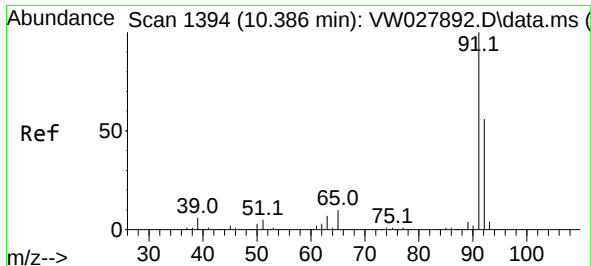
Ion Ratio Lower Upper

43 100

58 46.8 36.9 55.3

100 21.4 16.7 25.1

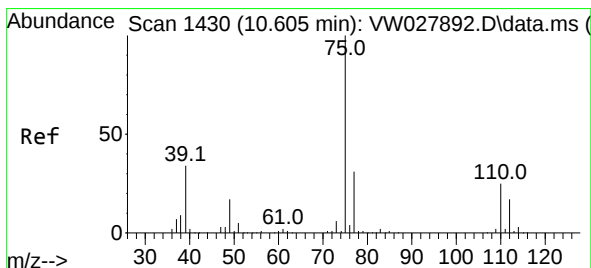
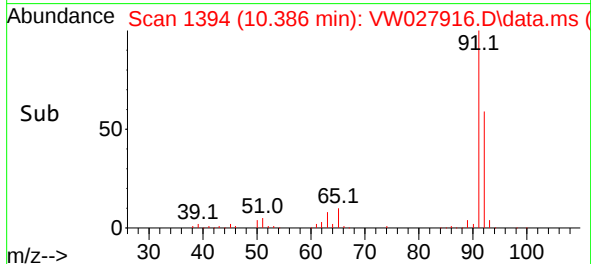
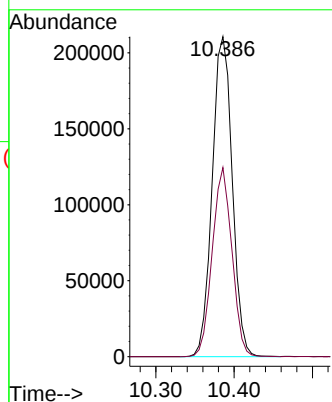
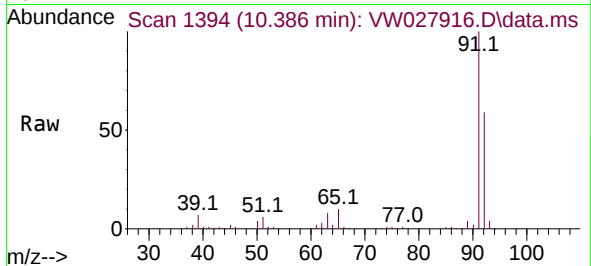




#42
Toluene
Concen: 23.396 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

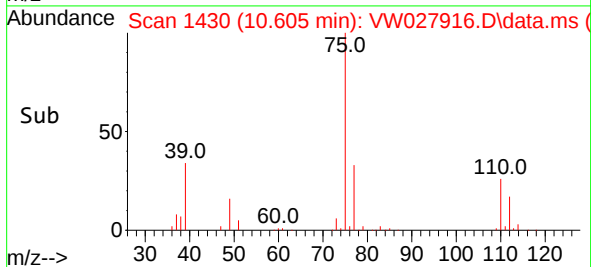
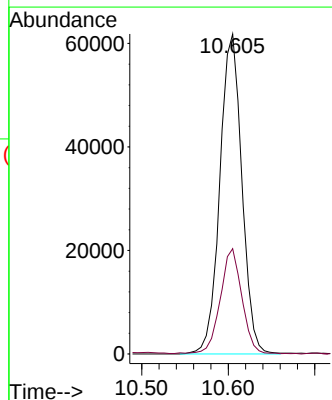
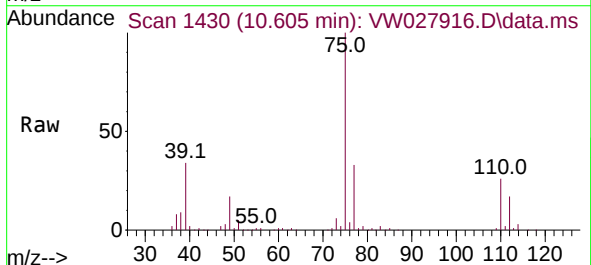
Instrument :
MSVOA_W
ClientSampleId :

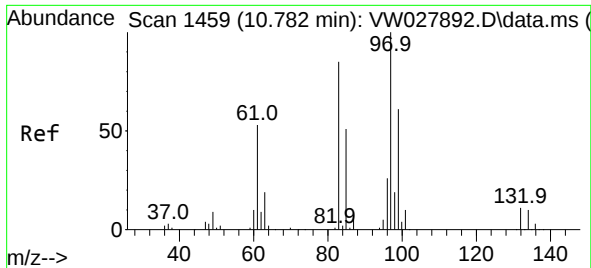
Tgt Ion: 91 Resp: 374552
Ion Ratio Lower Upper
91 100
92 59.1 43.5 80.7



#44
trans-1,3-Dichloropropene
Concen: 25.876 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

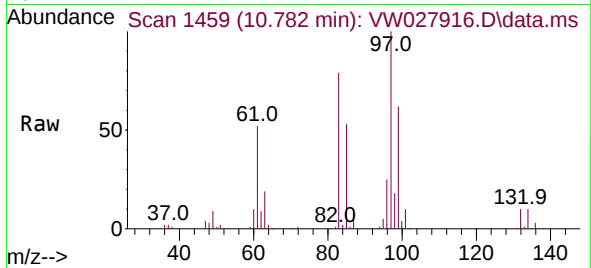
Tgt Ion: 75 Resp: 109074
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.4



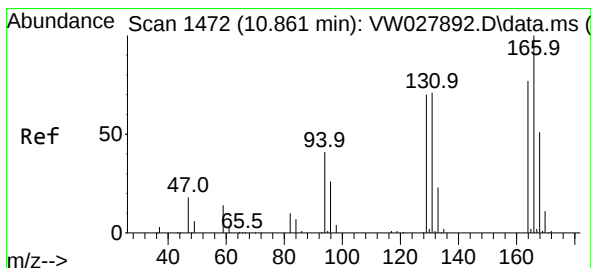
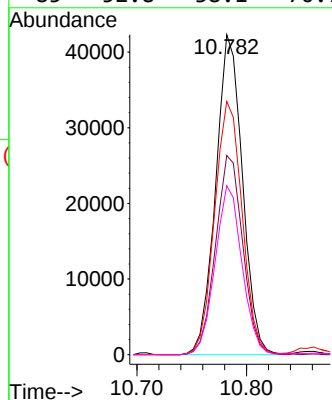
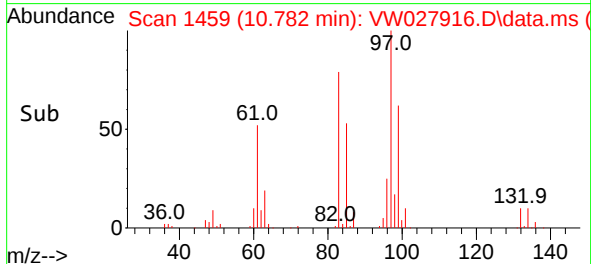


#45
1,1,2-Trichloroethane
Concen: 26.990 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

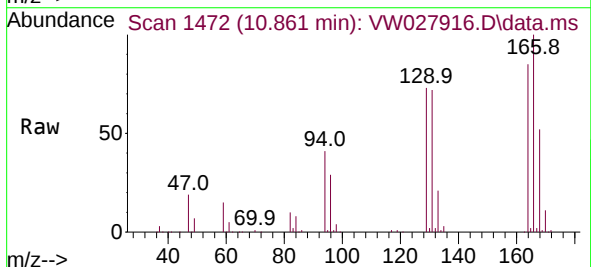
Instrument :
MSVOA_W
ClientSampleId :



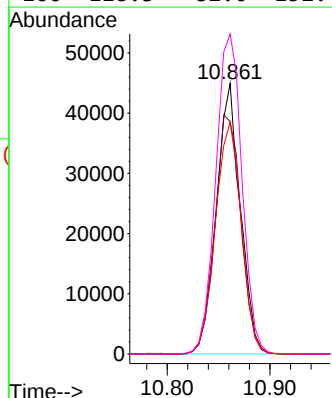
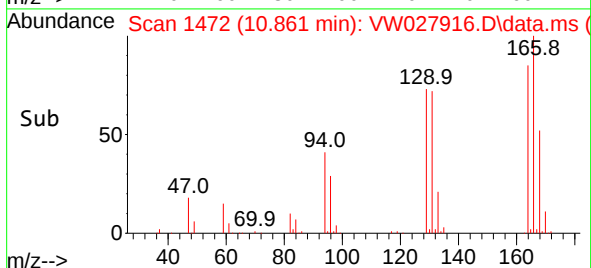
Tgt Ion:	97	Resp:	71657
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.1	78.3
83	79.1	58.4	108.4
85	52.8	38.1	70.7

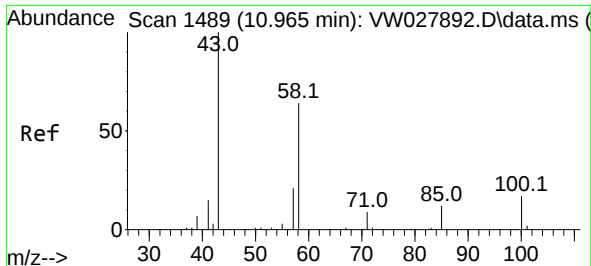


#46
Tetrachloroethene
Concen: 22.097 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28



Tgt Ion:	164	Resp:	72444
Ion	Ratio	Lower	Upper
164	100		
129	85.9	62.7	116.5
131	85.7	57.3	106.5
166	118.3	82.0	152.4

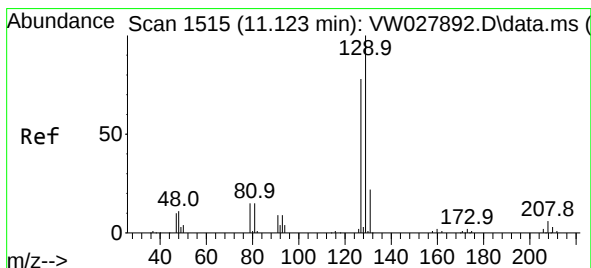
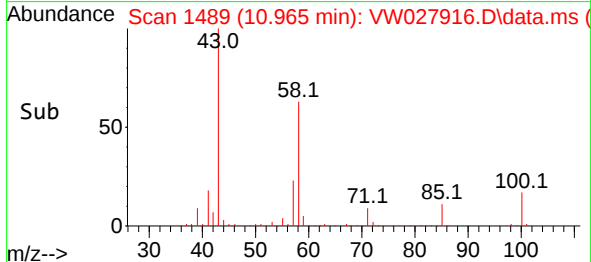
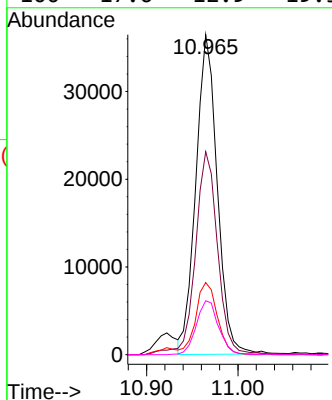
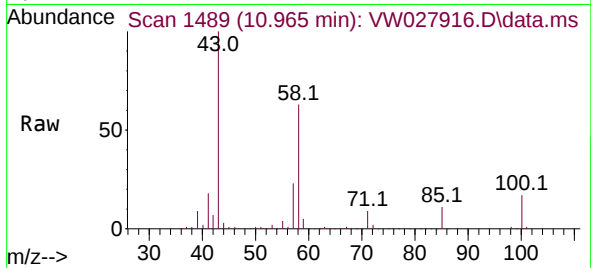




#48
2-Hexanone
Concen: 59.298 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

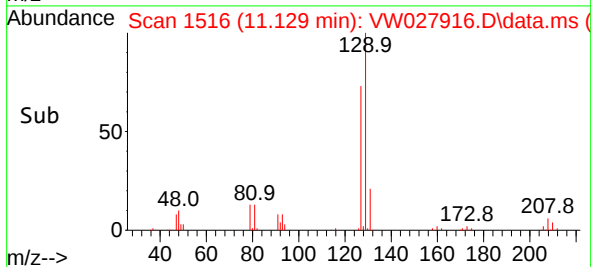
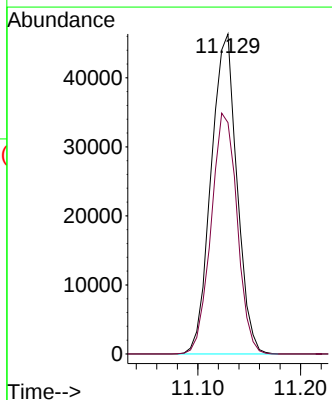
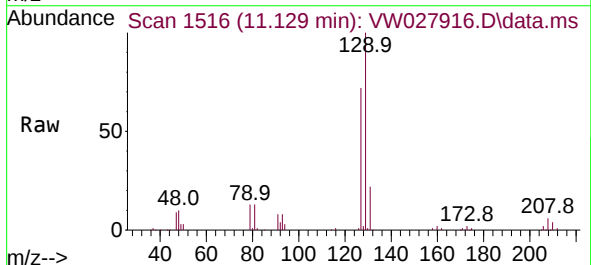
Instrument :
MSVOA_W
ClientSampleId :

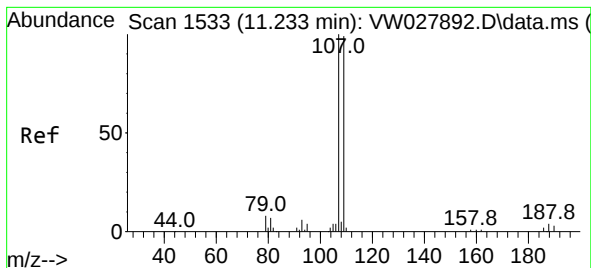
Tgt Ion: 43	Resp: 59351
Ion Ratio	Lower Upper
43 100	
58 65.7	49.3 73.9
57 22.8	17.0 25.4
100 17.6	12.9 19.3



#49
Dibromochloromethane
Concen: 27.924 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion:129	Resp:	81007	
Ion	Ratio	Lower	Upper
129	100		
127	72.3	51.0	94.6

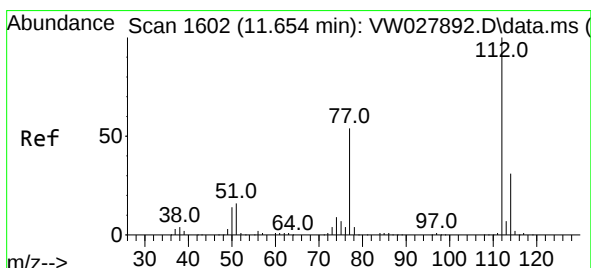
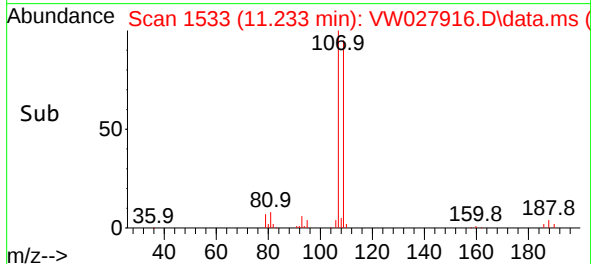
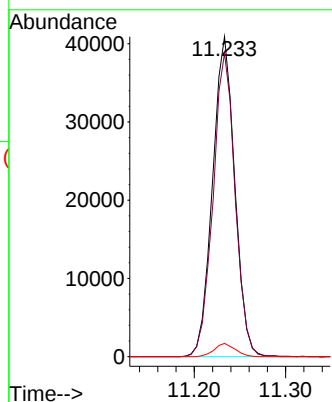
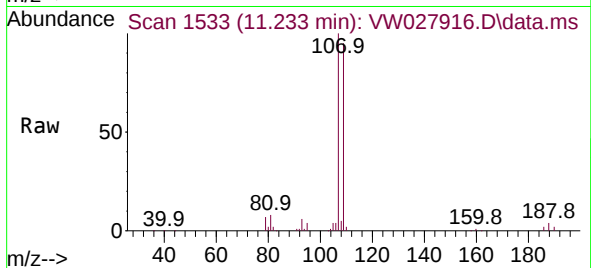




#50
1,2-Dibromoethane
Concen: 28.184 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

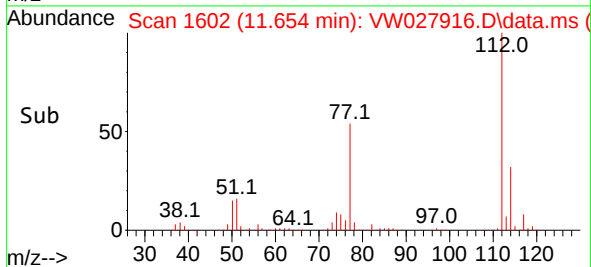
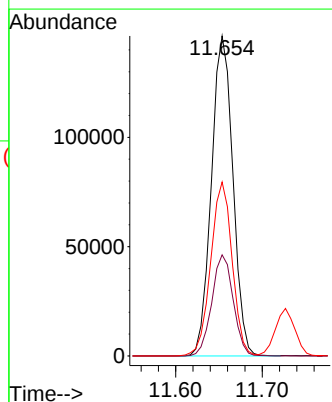
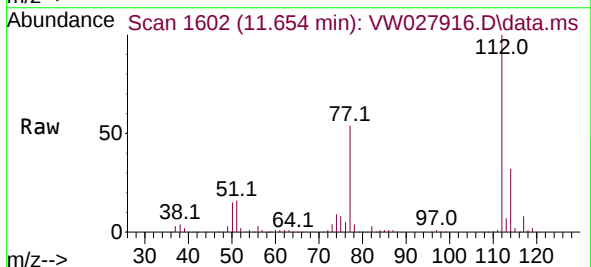
Instrument :
MSVOA_W
ClientSampleId :

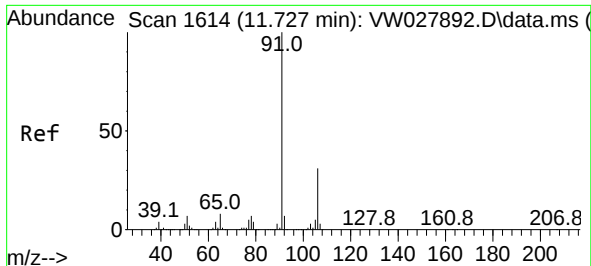
Tgt Ion:107 Resp: 68968
Ion Ratio Lower Upper
107 100
109 94.8 69.3 128.7
188 4.2 3.0 4.4



#51
Chlorobenzene
Concen: 23.899 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion:112 Resp: 252641
Ion Ratio Lower Upper
112 100
114 31.6 21.3 39.6
77 54.4 44.5 66.7

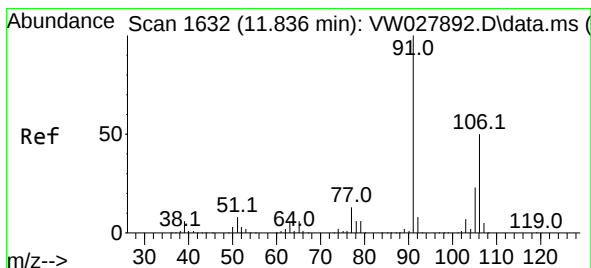
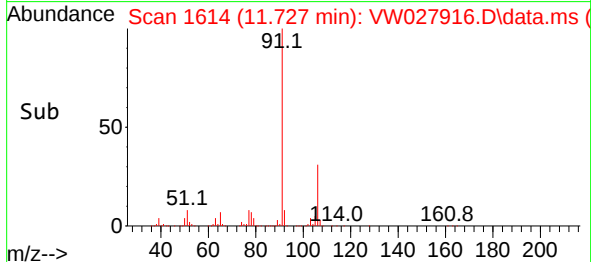
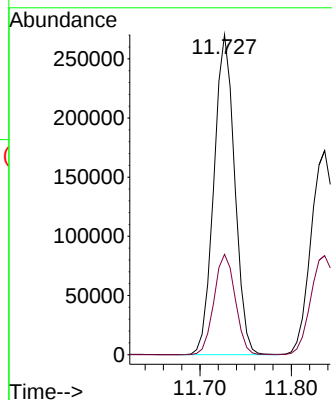
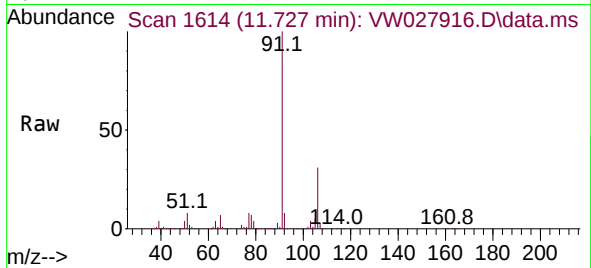




#52
Ethylbenzene
Concen: 23.652 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

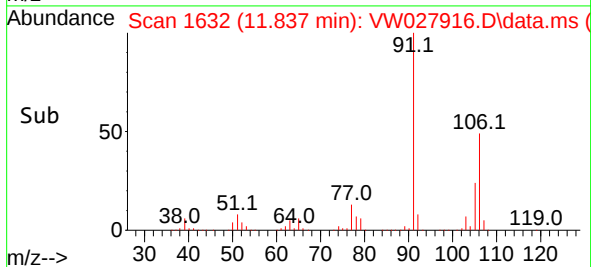
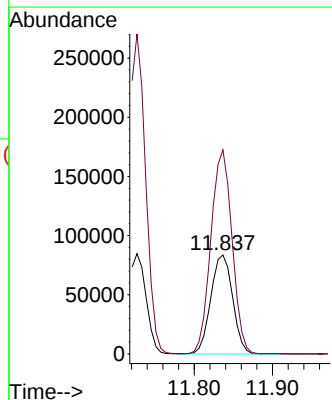
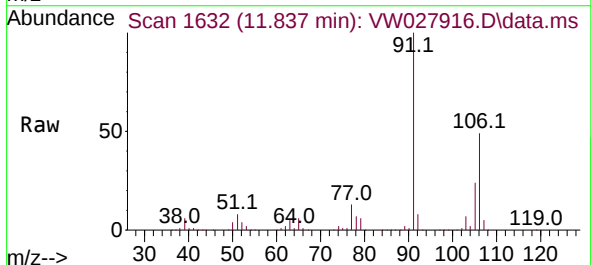
Instrument :
MSVOA_W
ClientSampleId :

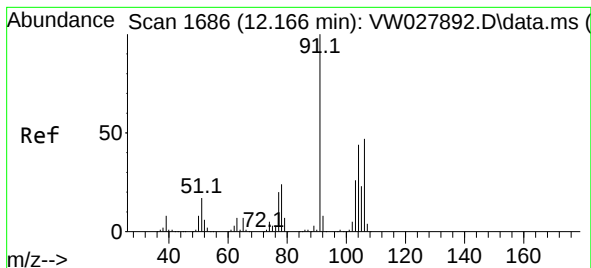
Tgt Ion: 91 Resp: 426814
Ion Ratio Lower Upper
91 100
106 31.3 23.0 42.6



#53
m,p-Xylene
Concen: 23.038 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion:106 Resp: 161811
Ion Ratio Lower Upper
106 100
91 206.2 137.0 254.4





#54

o-Xylene

Concen: 24.721 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

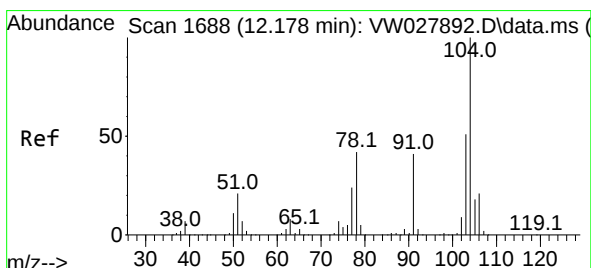
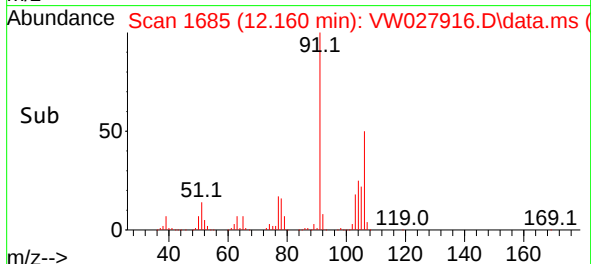
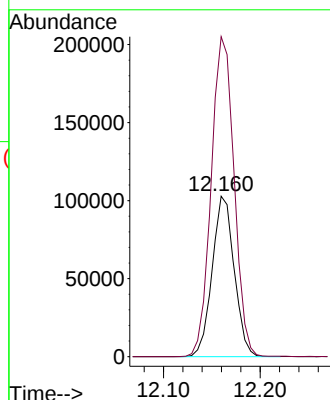
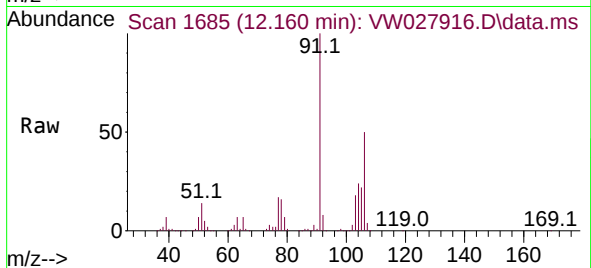
ClientSampleId :

Tgt Ion:106 Resp: 162649

Ion Ratio Lower Upper

106 100

91 199.3 146.4 271.8



#55

Styrene

Concen: 25.500 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027916.D

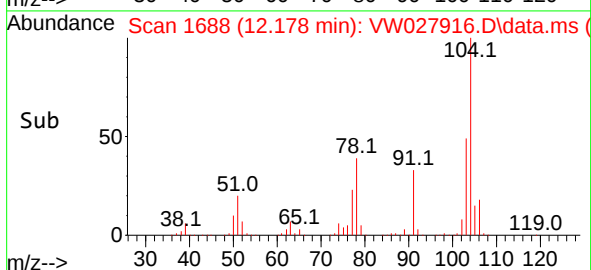
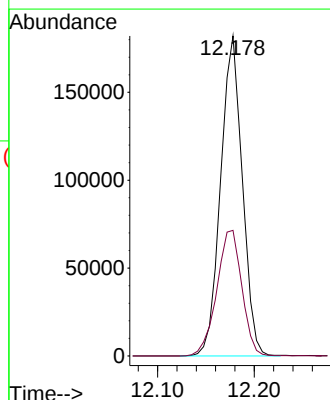
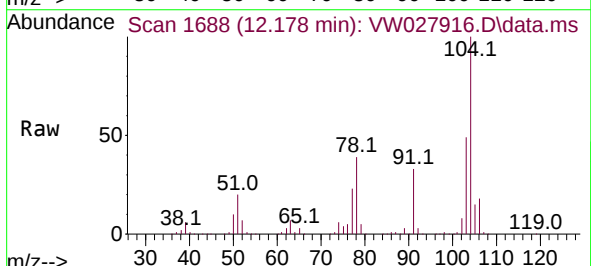
Acq: 01 Feb 2024 19:28

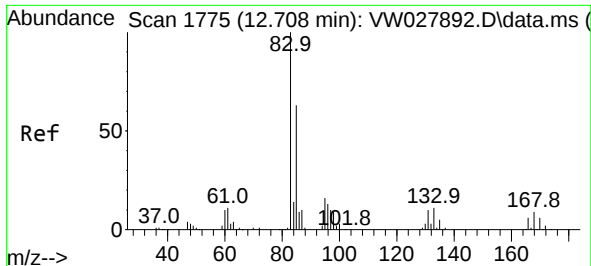
Tgt Ion:104 Resp: 283425

Ion Ratio Lower Upper

104 100

78 39.3 28.8 53.6

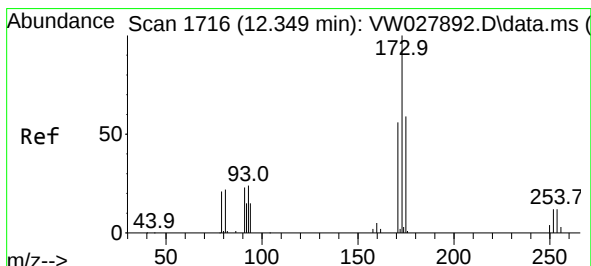
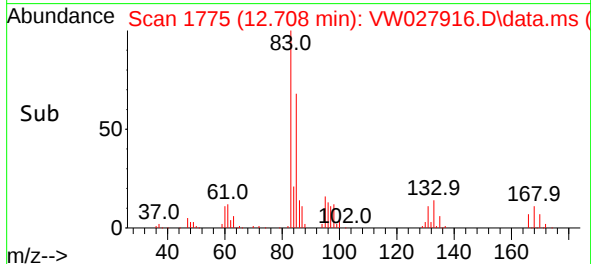
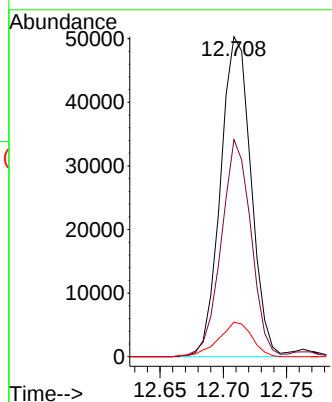
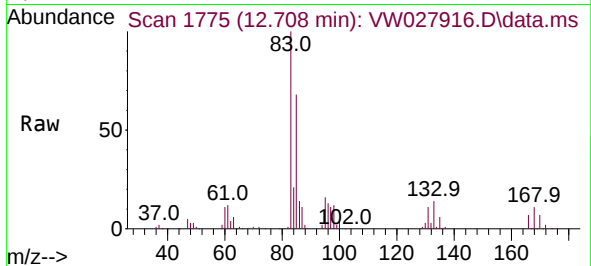




#57
1,1,2,2-Tetrachloroethane
Concen: 29.434 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

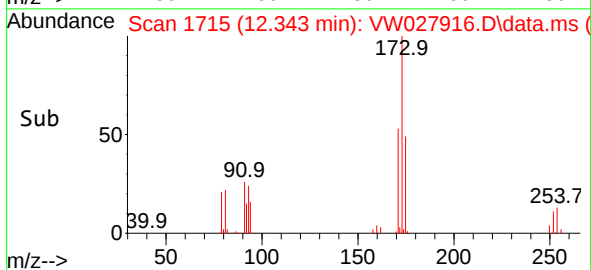
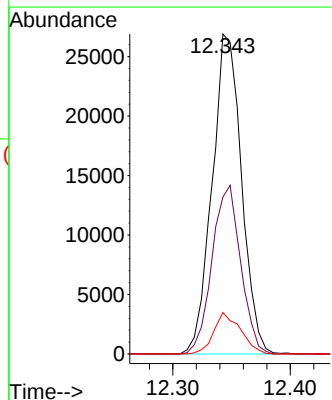
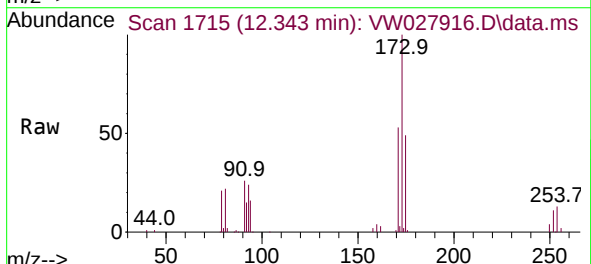
Instrument :
MSVOA_W
ClientSampleId :

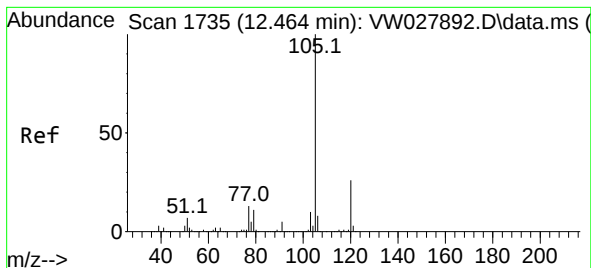
Tgt Ion: 83 Resp: 84251
Ion Ratio Lower Upper
83 100
85 67.8 43.2 80.2
131 10.8 8.2 12.2



#59
Bromoform
Concen: 26.525 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion:173 Resp: 46816
Ion Ratio Lower Upper
173 100
175 51.2 35.9 53.9
254 11.8 5.1 7.7#





#60

Isopropylbenzene

Concen: 21.814 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

ClientSampleId :

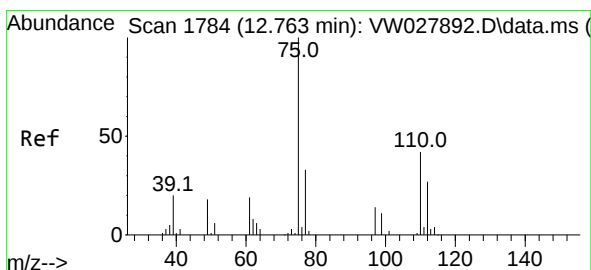
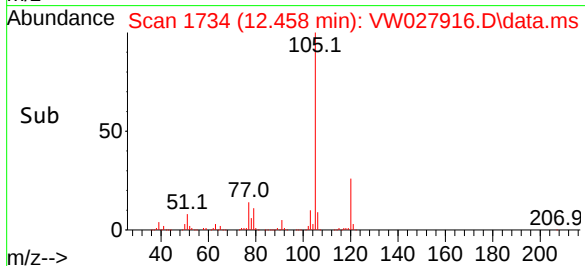
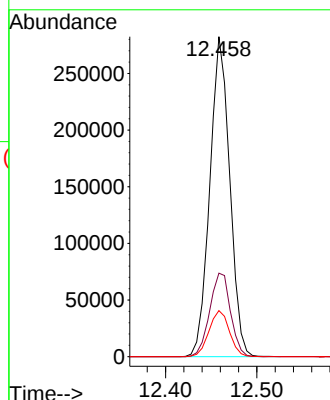
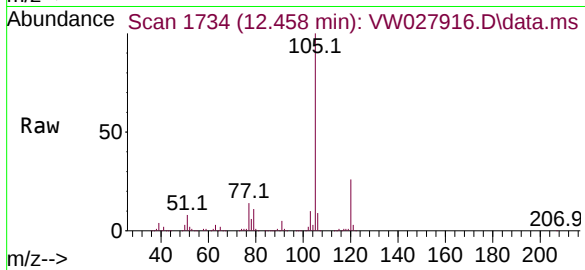
Tgt Ion:105 Resp: 426329

Ion Ratio Lower Upper

105 100

120 27.4 21.9 32.9

77 14.8 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 26.987 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

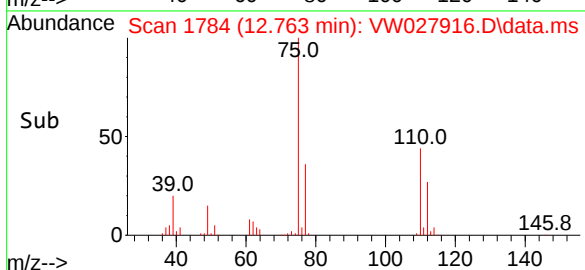
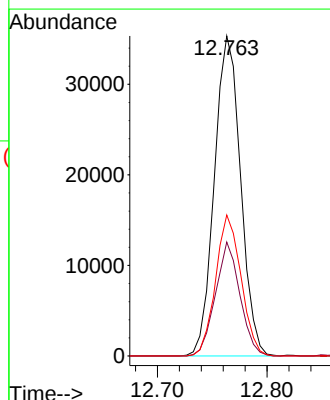
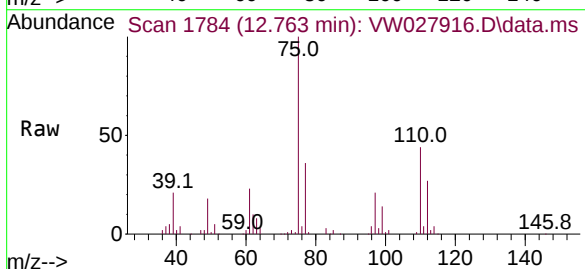
Tgt Ion: 75 Resp: 58738

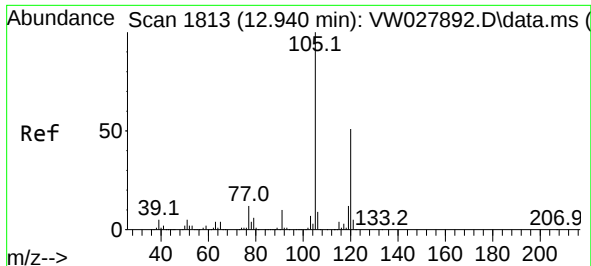
Ion Ratio Lower Upper

75 100

77 33.2 26.1 39.1

110 42.6 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 22.175 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

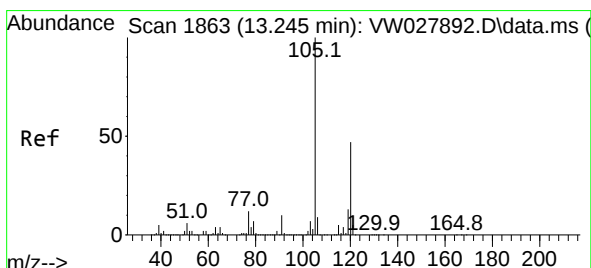
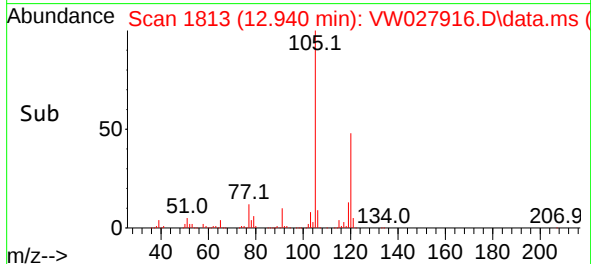
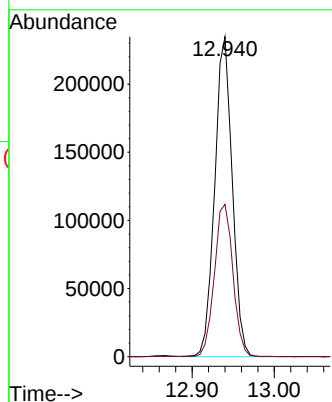
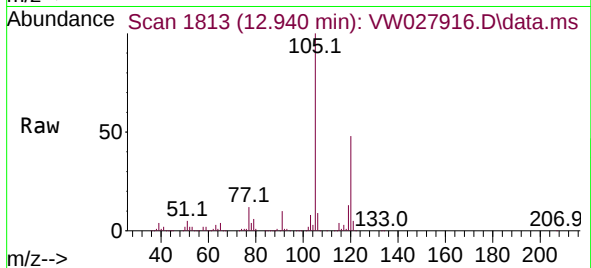
ClientSampleId :

Tgt Ion:105 Resp: 348182

Ion Ratio Lower Upper

105 100

120 50.3 41.2 61.8



#63

1,2,4-Trimethylbenzene

Concen: 22.735 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027916.D

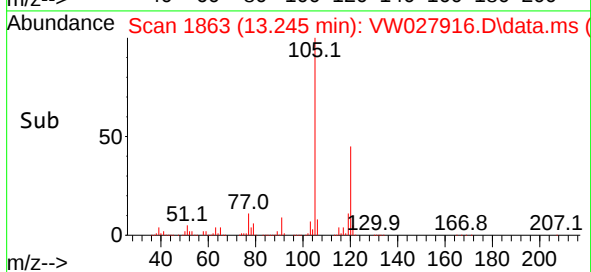
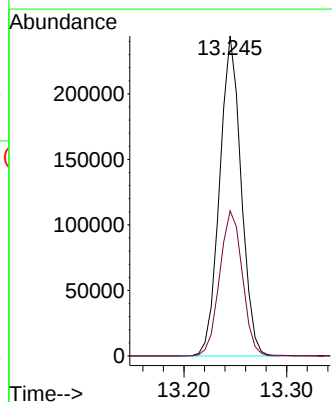
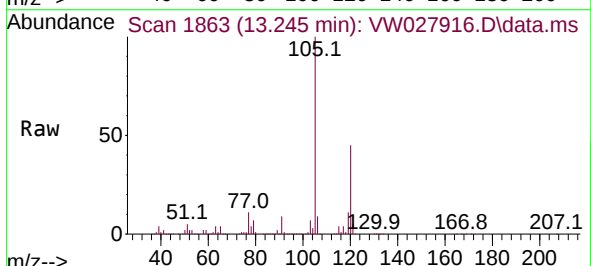
Acq: 01 Feb 2024 19:28

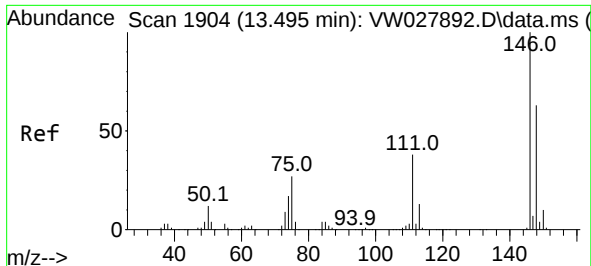
Tgt Ion:105 Resp: 354188

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.2

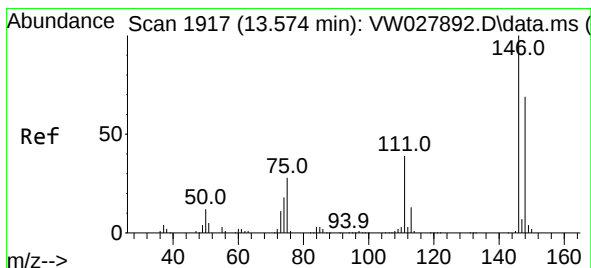
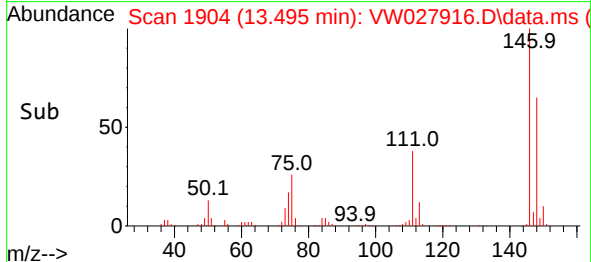
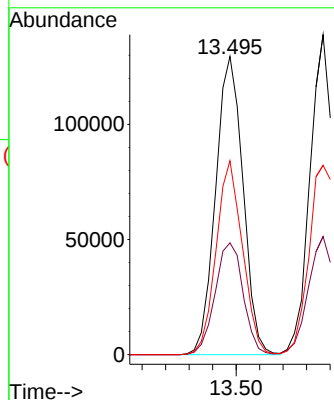
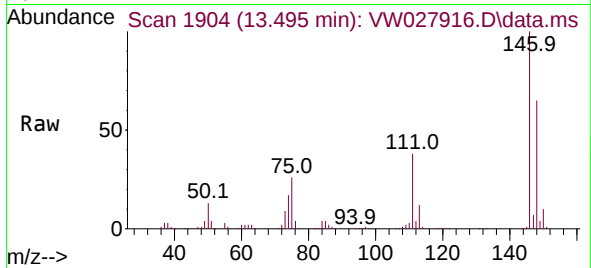




#64
1,3-Dichlorobenzene
Concen: 23.404 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

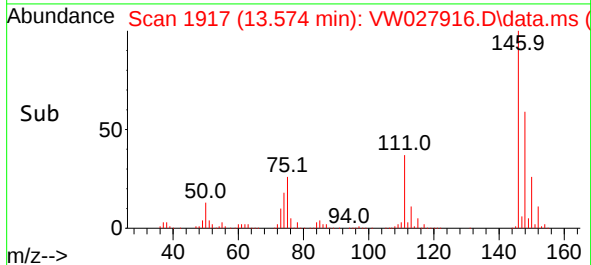
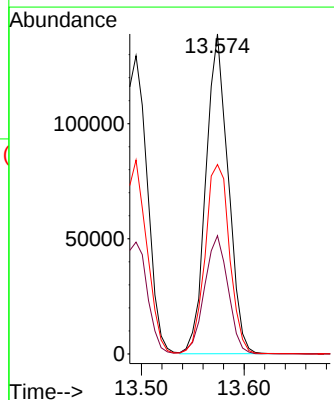
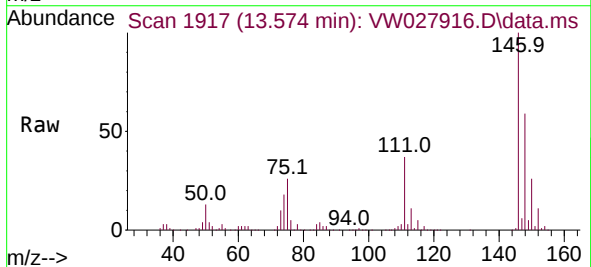
Instrument :
MSVOA_W
ClientSampleId :

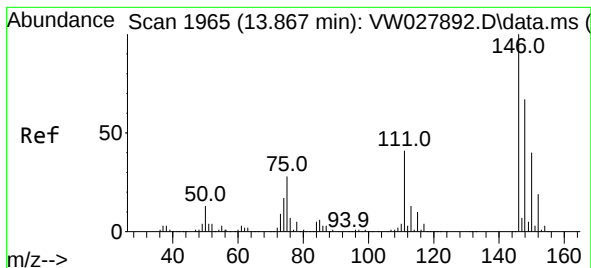
Tgt Ion:146 Resp: 209829
Ion Ratio Lower Upper
146 100
111 37.5 27.2 50.6
148 65.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 23.881 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027916.D
Acq: 01 Feb 2024 19:28

Tgt Ion:146 Resp: 209279
Ion Ratio Lower Upper
146 100
111 36.9 26.6 49.4
148 59.2 52.1 96.7





#67

1,2-Dichlorobenzene

Concen: 25.009 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

ClientSampleId :

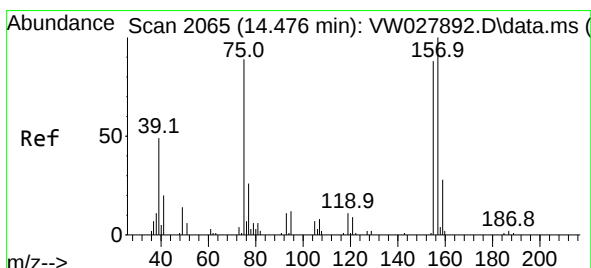
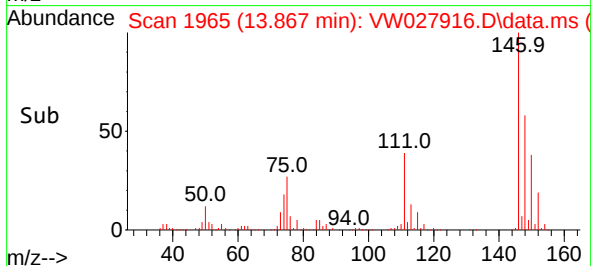
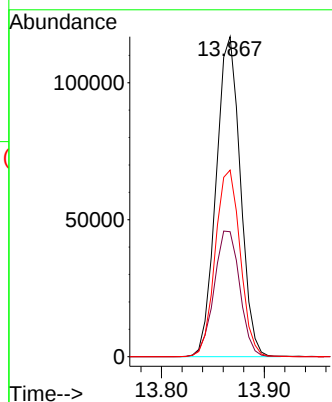
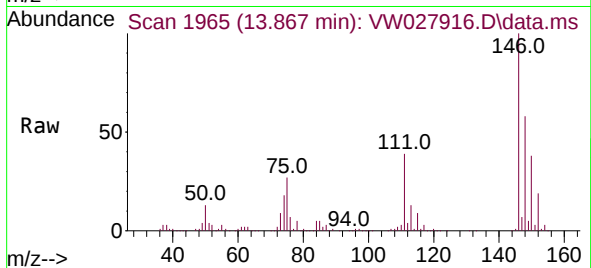
Tgt Ion:146 Resp: 191113

Ion Ratio Lower Upper

146 100

111 39.0 34.9 52.3

148 58.3 56.6 84.8



#68

1,2-Dibromo-3-chloropropane

Concen: 28.510 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

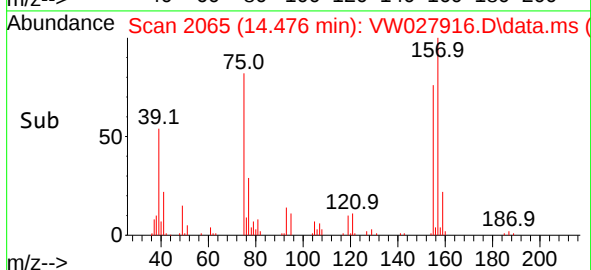
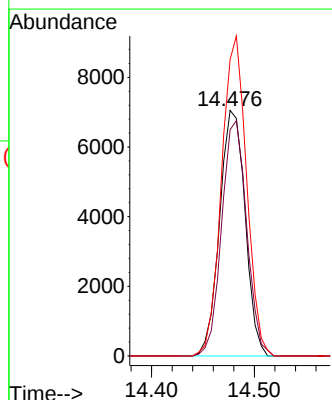
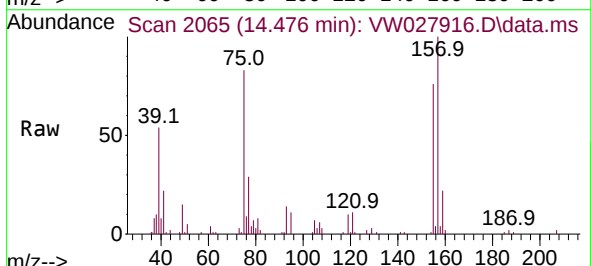
Tgt Ion: 75 Resp: 12110

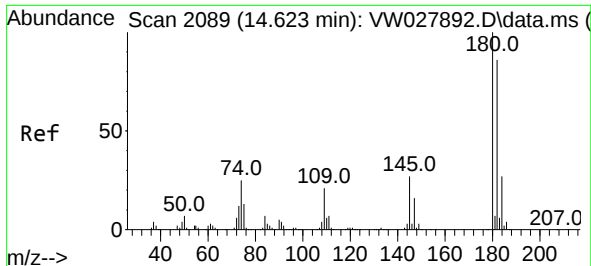
Ion Ratio Lower Upper

75 100

155 92.1 67.8 101.8

157 120.7 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 22.408 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. -0.006 min

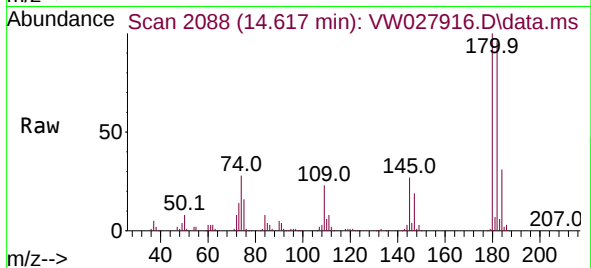
Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 138323

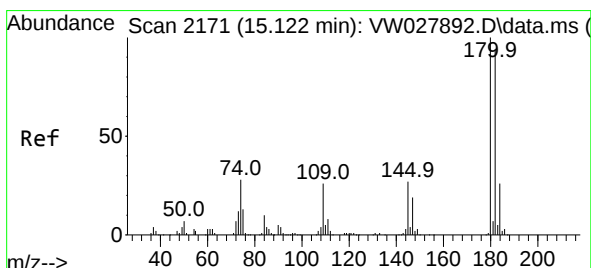
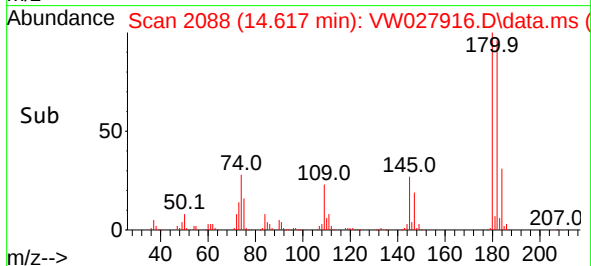
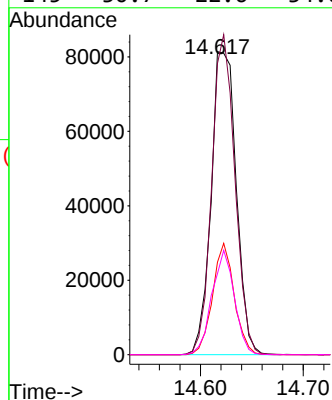
Ion Ratio Lower Upper

180 100

182 97.1 72.6 109.0

184 31.8 22.7 34.1

145 30.7 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 23.755 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

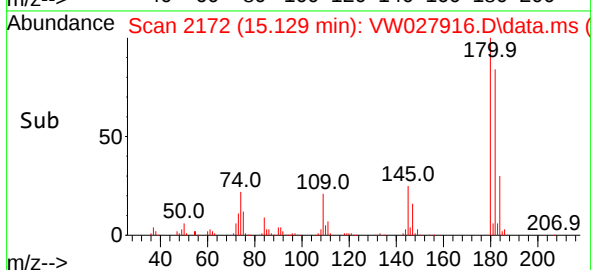
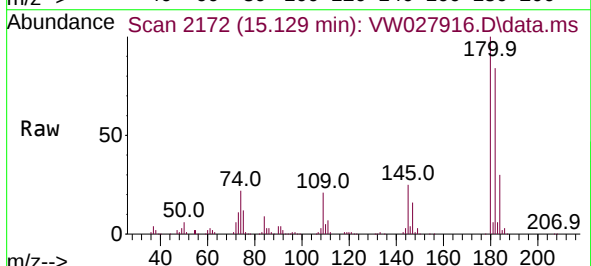
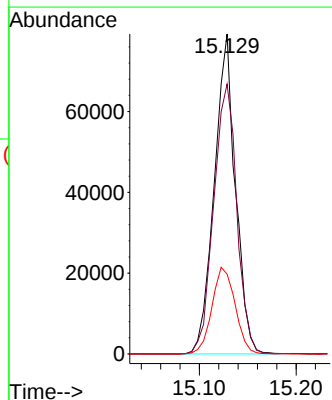
Tgt Ion:180 Resp: 120403

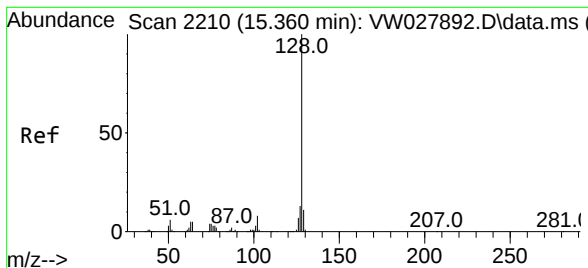
Ion Ratio Lower Upper

180 100

182 92.2 69.4 104.2

145 29.7 23.4 35.2





#71

Naphthalene

Concen: 28.013 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Instrument :

MSVOA_W

ClientSampleId :

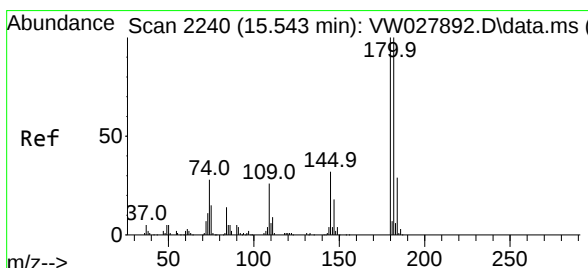
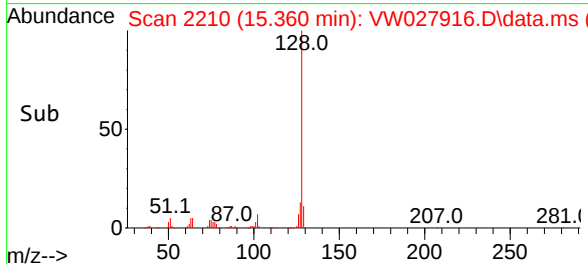
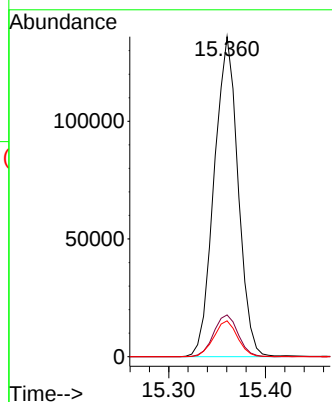
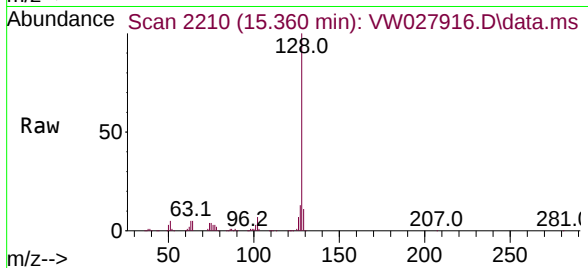
Tgt Ion:128 Resp: 233241

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.2 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.070 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027916.D

Acq: 01 Feb 2024 19:28

Tgt Ion:180 Resp: 106863

Ion Ratio Lower Upper

180 100

182 95.9 74.7 112.1

145 31.8 25.0 37.6

