

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011524\
 Data File : VW033630.D
 Acq On : 15 Jan 2024 10:18
 Operator : SY/MD
 Sample : P1108-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 16 03:42:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 03:40:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142220	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	127906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	63742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	29353	3.774	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.536	69	28918	4.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.060	65	14491	4.135	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.818	46	68079	35.803	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.600%
24) Chloroform-d	4.249	84	66861	3.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	4.947	65	32251	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	4.960	84	132091	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.992	67	41516	4.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.246	98	116696	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.561	79	14179	3.986	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.031	63	52721	37.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	24647	4.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	40962	4.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1886	0.121	ug/L	85
5) Vinyl chloride	1.285	62	3169	0.214	ug/L #	1
8) Chloroethane	1.282	64	2393	0.266	ug/L	83
19) 1,1-Dichloroethane	3.118	63	3101	0.138	ug/L #	91
22) cis-1,2-Dichloroethene	3.818	96	39938	3.368	ug/L	94
33) Benzene	5.021	78	9736	0.214	ug/L	100
34) Trichloroethene	5.841	95	9898	0.819	ug/L	95
35) Methylcyclohexane	5.989	83	8970	0.438	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	4913	0.436	ug/L #	87
39) cis-1,3-Dichloropropene	6.915	75	1071	0.067	ug/L #	73
47) Tetrachloroethene	7.912	164	1409	0.162	ug/L	94
48) 2-Hexanone	8.088	43	10176	2.679	ug/L #	99
49) Dibromochloromethane	7.908	129	1254	0.161	ug/L #	11
54) o-Xylene	9.487	106	1287	0.064	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	8551	1.673	ug/L #	67
67) 1,2-Dichlorobenzene	11.580	146	1970	0.102	ug/L #	85
71) Naphthalene	13.461	128	1838	0.076	ug/L #	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 16 03:42:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 03:40:53 2024
Response via : Initial Calibration

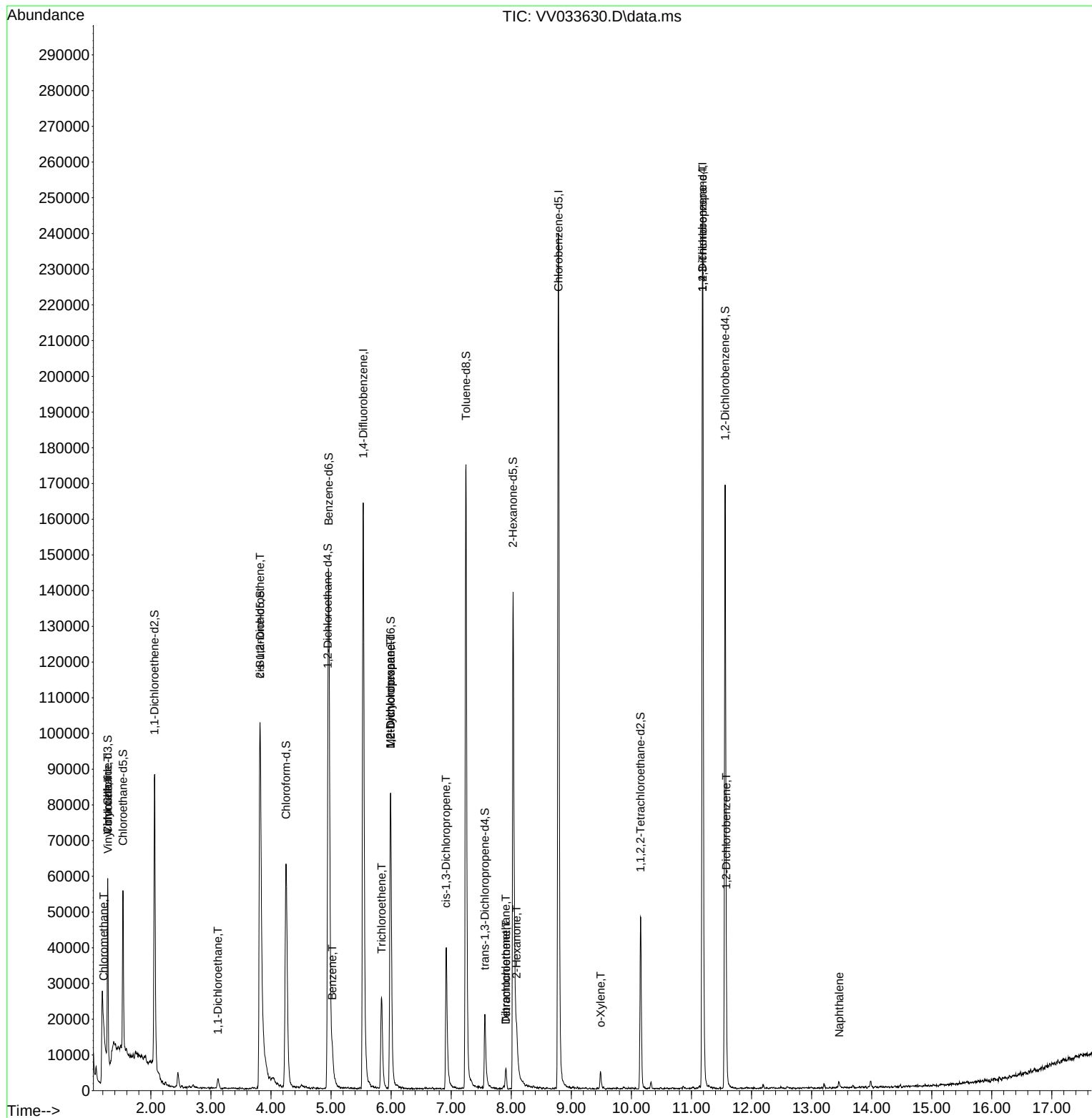
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

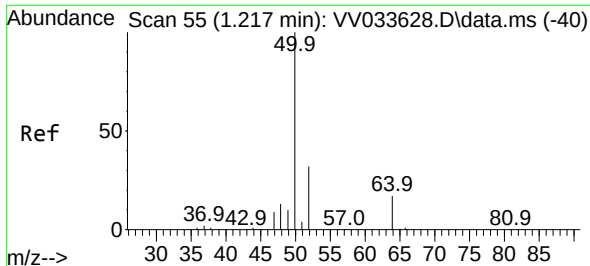
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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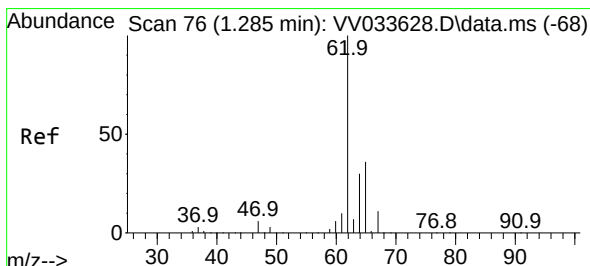
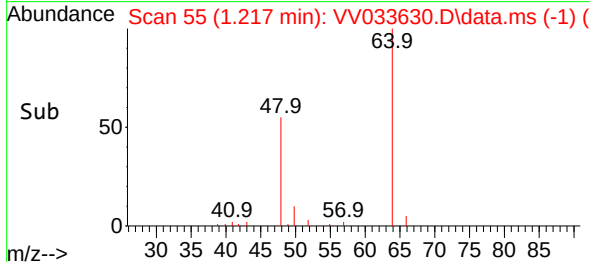
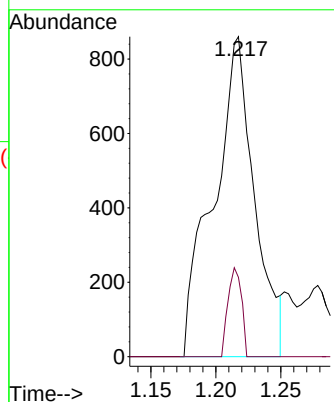
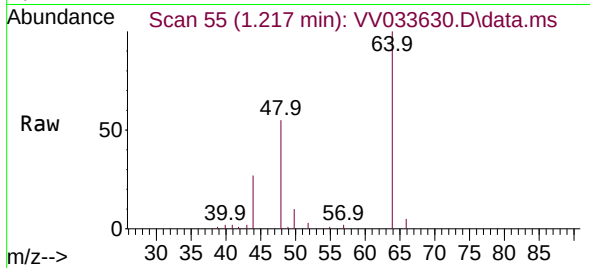




#3
Chloromethane
Concen: 0.121 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV033630.D
Acq: 15 Jan 2024 10:18

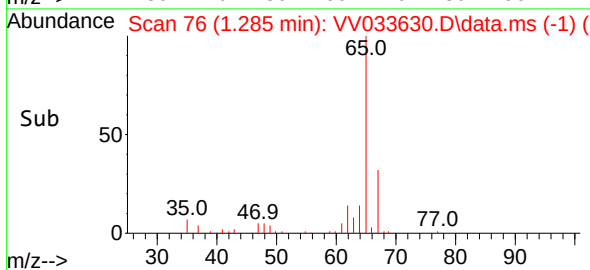
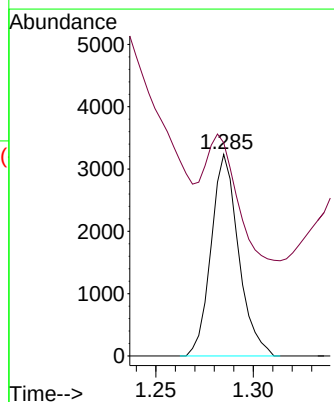
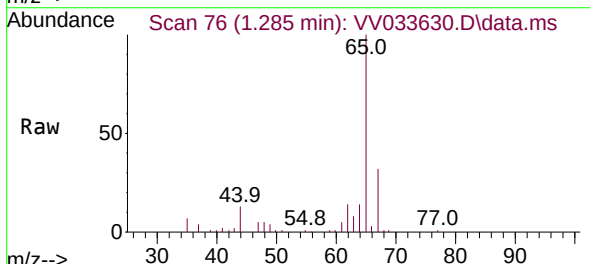
Instrument :
MSVOA_V
ClientSampleId :

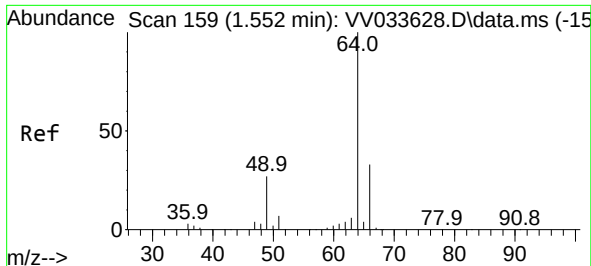
Tgt Ion: 50 Resp: 1886
Ion Ratio Lower Upper
50 100
52 24.8 23.1 42.9



#5
Vinyl chloride
Concen: 0.214 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV033630.D
Acq: 15 Jan 2024 10:18

Tgt Ion: 62 Resp: 3169
Ion Ratio Lower Upper
62 100
64 105.7 23.0 42.8#





#8

Chloroethane

Concen: 0.266 ug/L

RT: 1.282 min Scan# 71

Delta R.T. -0.270 min

Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

Instrument :

MSVOA_V

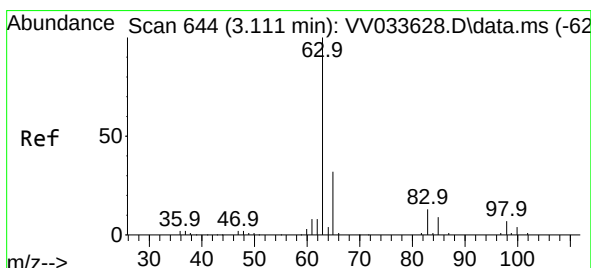
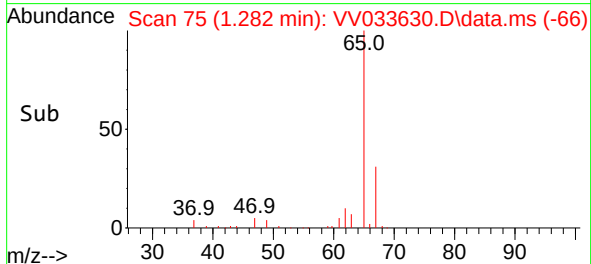
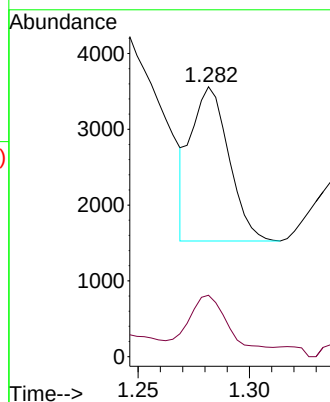
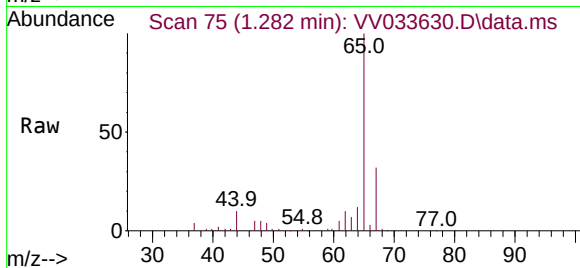
ClientSampleId :

Tgt Ion: 64 Resp: 2393

Ion Ratio Lower Upper

64 100

66 22.7 22.6 42.0



#19

1,1-Dichloroethane

Concen: 0.138 ug/L

RT: 3.118 min Scan# 646

Delta R.T. 0.007 min

Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

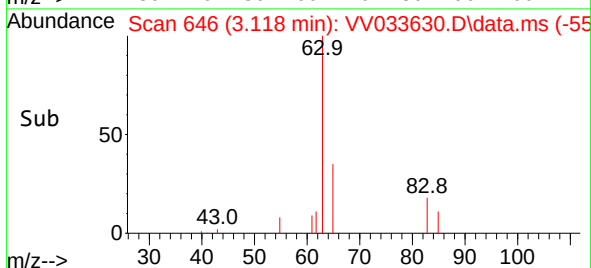
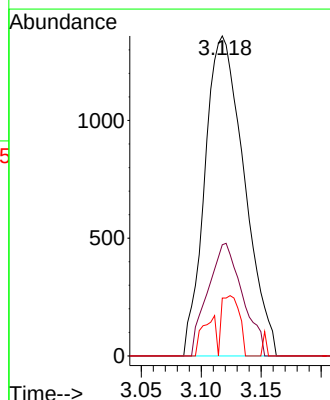
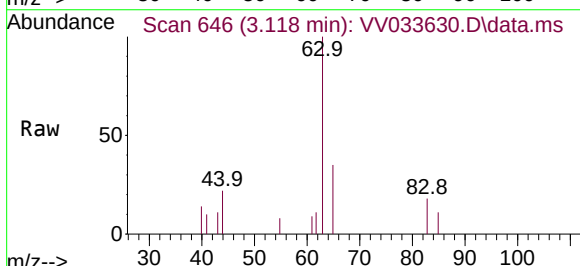
Tgt Ion: 63 Resp: 3101

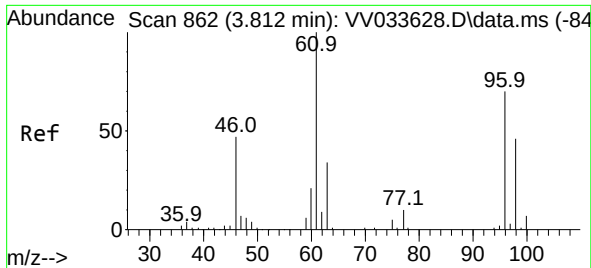
Ion Ratio Lower Upper

63 100

65 34.7 21.6 40.2

83 18.1 9.1 16.9#





#22

cis-1,2-Dichloroethene

Concen: 3.368 ug/L

RT: 3.818 min Scan# 862

Delta R.T. 0.007 min

Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

Instrument :

MSVOA_V

ClientSampleId :

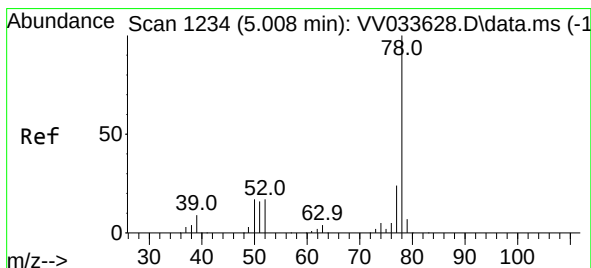
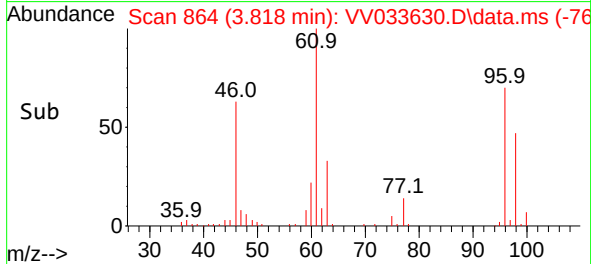
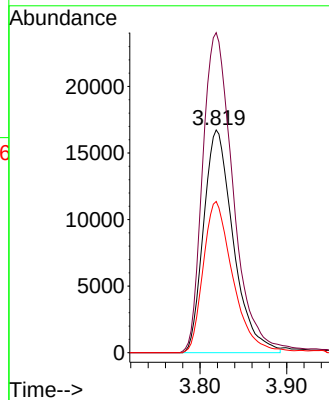
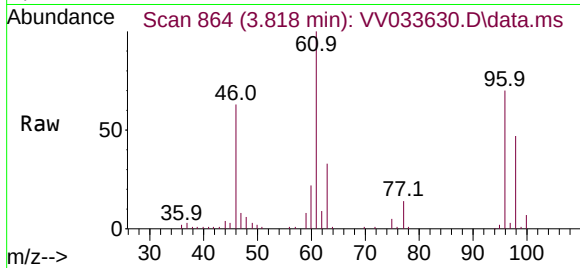
Tgt Ion: 96 Resp: 39938

Ion Ratio Lower Upper

96 100

61 143.7 97.1 180.3

98 67.9 42.6 79.0



#33

Benzene

Concen: 0.214 ug/L

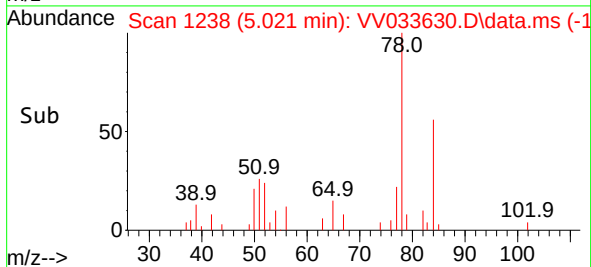
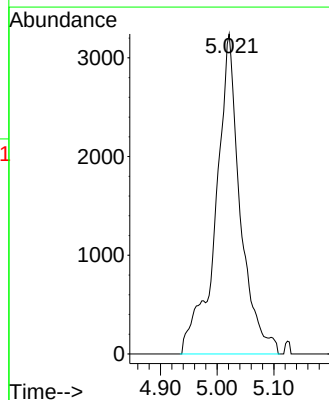
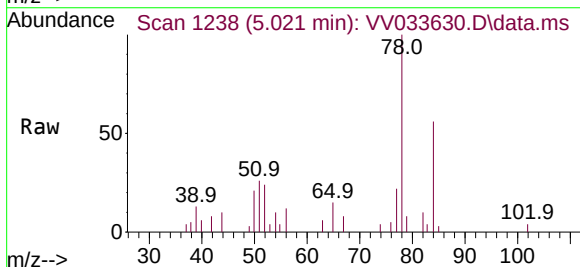
RT: 5.021 min Scan# 1238

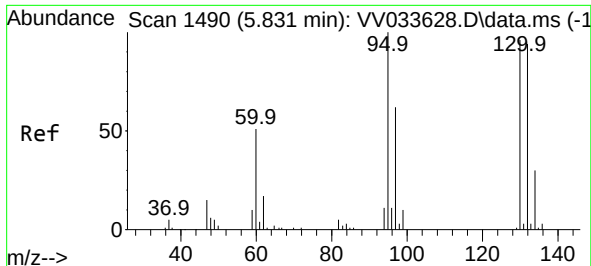
Delta R.T. 0.013 min

Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

Tgt Ion: 78 Resp: 9736



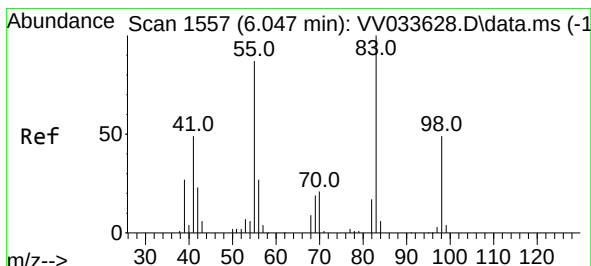
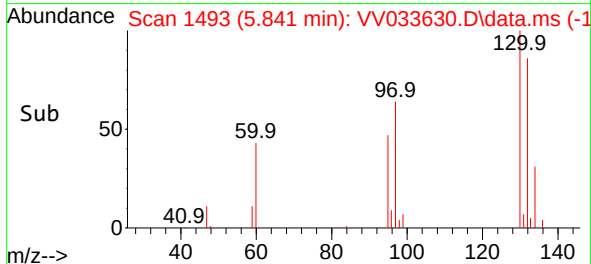
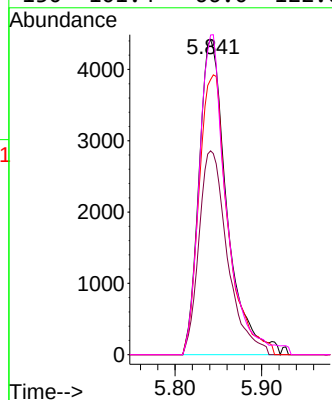
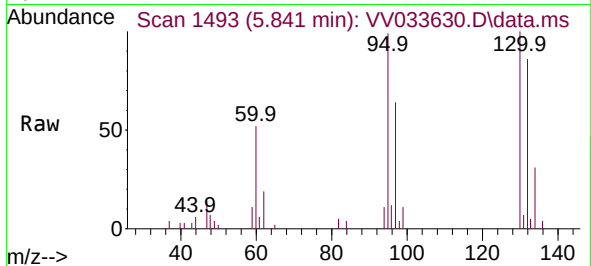


#34
Trichloroethene
Concen: 0.819 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV033630.D
Acq: 15 Jan 2024 10:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 9898

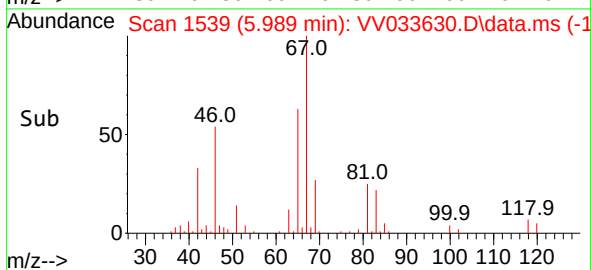
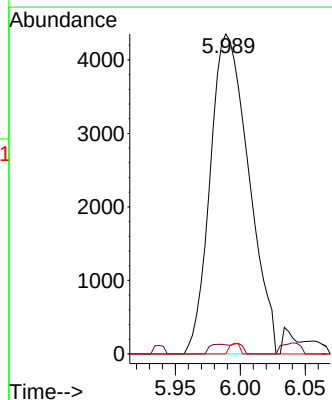
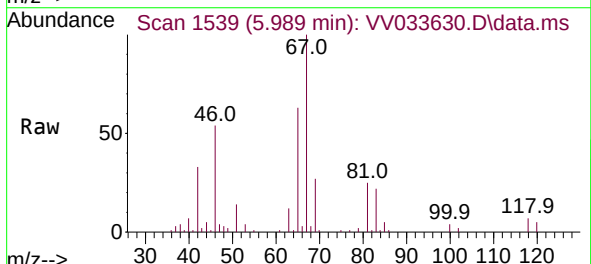
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.1	83.9
132	87.3	65.2	121.2
130	101.4	66.0	122.6

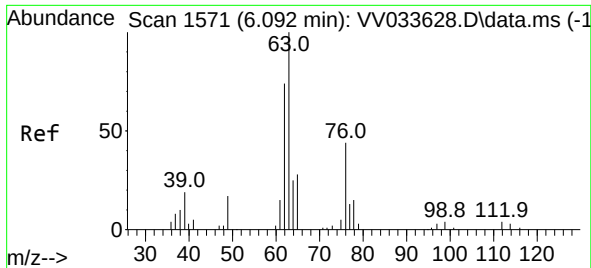


#35
Methylcyclohexane
Concen: 0.438 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV033630.D
Acq: 15 Jan 2024 10:18

Tgt Ion: 83 Resp: 8970

Ion	Ratio	Lower	Upper
83	100		
55	1.6	68.7	103.1#
98	0.8	38.3	57.5#





#37

1,2-Dichloropropane

Concen: 0.436 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

Instrument :

MSVOA_V

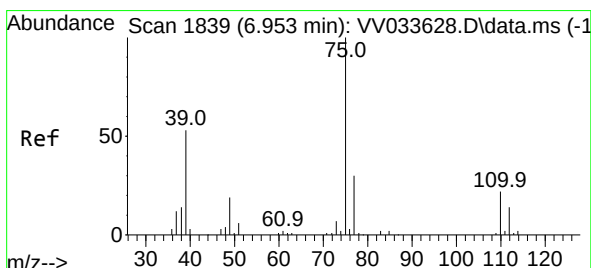
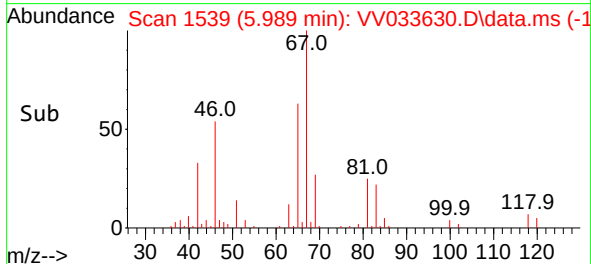
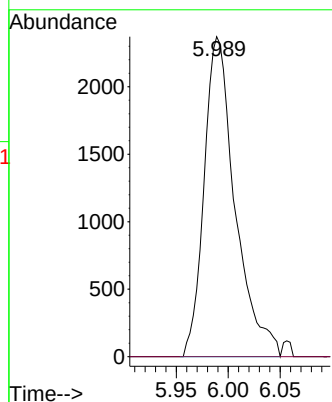
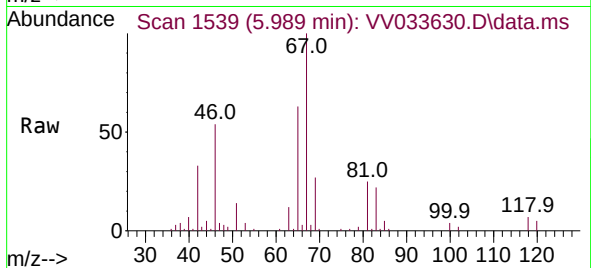
ClientSampleId :

Tgt Ion: 63 Resp: 4913

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.038 min

Lab File: VV033630.D

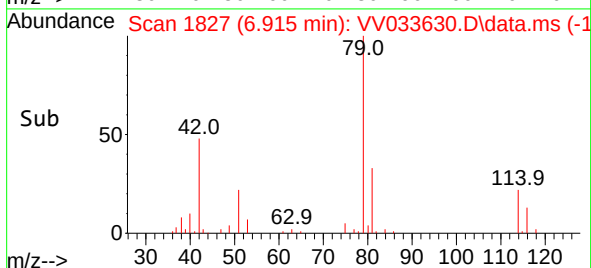
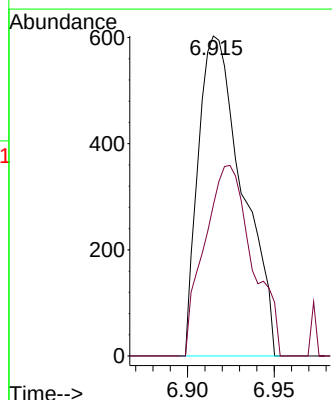
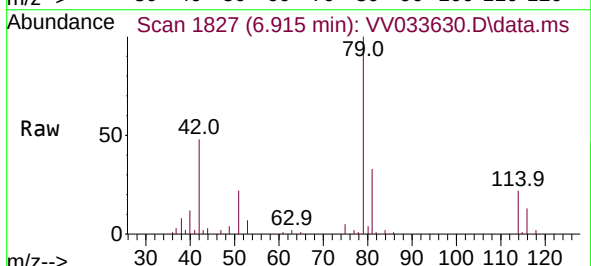
Acq: 15 Jan 2024 10:18

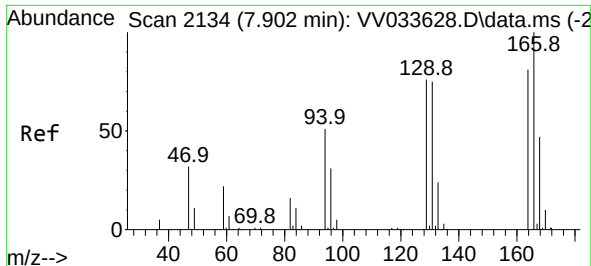
Tgt Ion: 75 Resp: 1071

Ion Ratio Lower Upper

75 100

77 47.1 22.5 41.7#





#47

Tetrachloroethene

Concen: 0.162 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.010 min

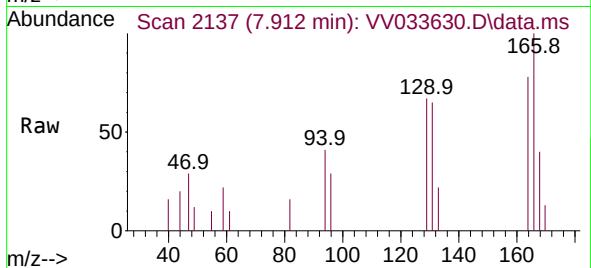
Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1409

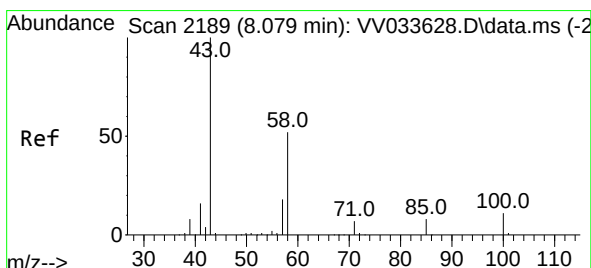
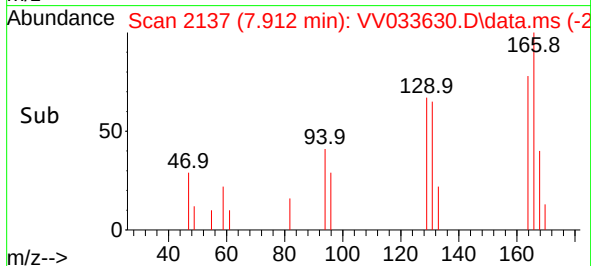
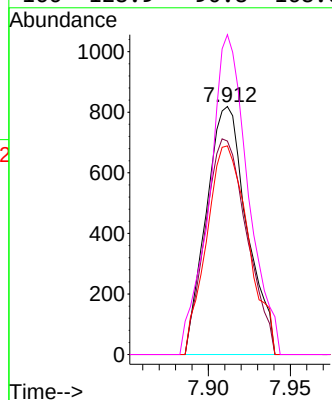
Ion Ratio Lower Upper

164 100

129 86.1 67.1 124.7

131 84.1 65.0 120.6

166 128.9 90.8 168.6



#48

2-Hexanone

Concen: 2.679 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

Tgt Ion: 43 Resp: 10176

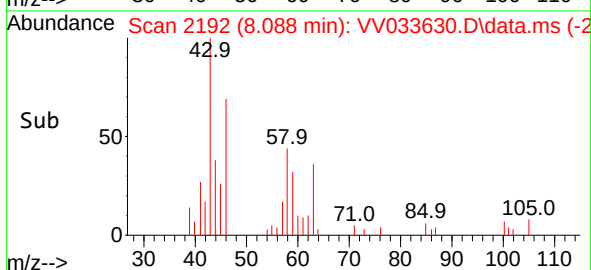
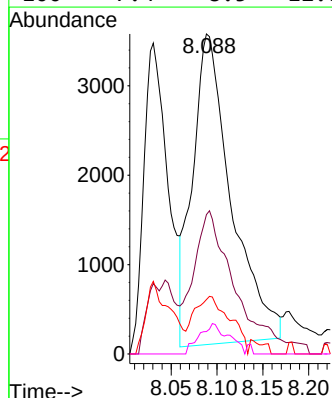
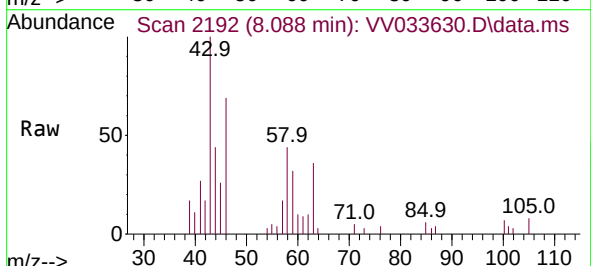
Ion Ratio Lower Upper

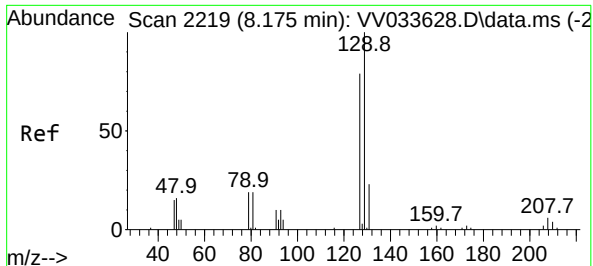
43 100

58 50.9 40.6 61.0

57 17.3 13.8 20.8

100 7.4 8.5 12.7#





#49

Dibromochloromethane

Concen: 0.161 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

Instrument :

MSVOA_V

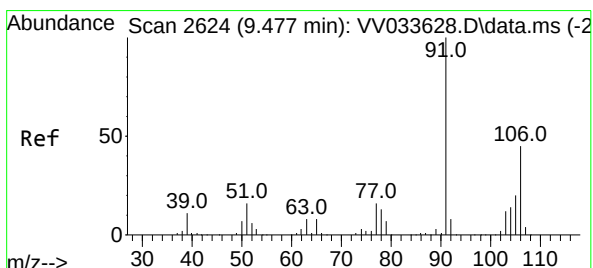
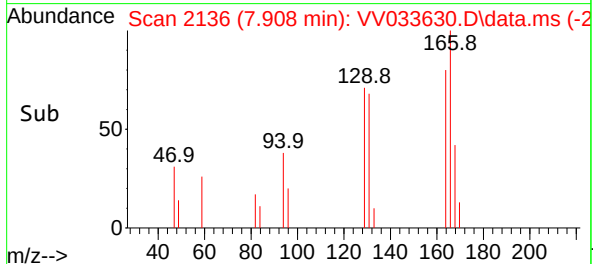
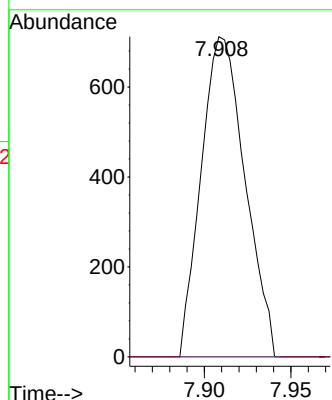
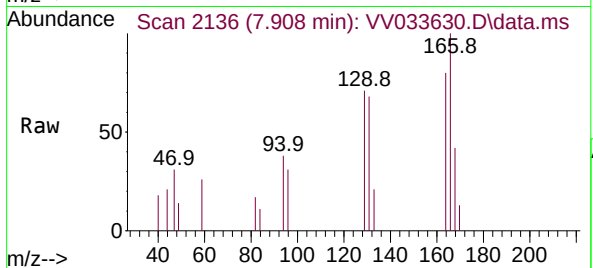
ClientSampleId :

Tgt Ion:129 Resp: 1254

Ion Ratio Lower Upper

129 100

127 0.0 53.6 99.6#



#54

o-Xylene

Concen: 0.064 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.010 min

Lab File: VV033630.D

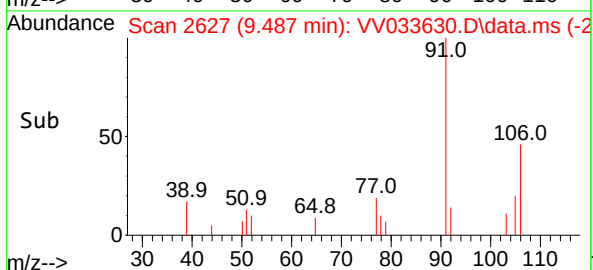
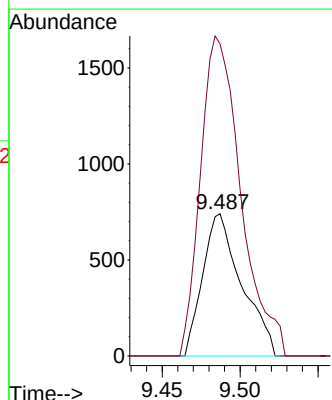
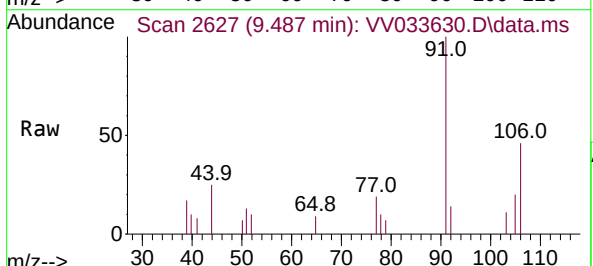
Acq: 15 Jan 2024 10:18

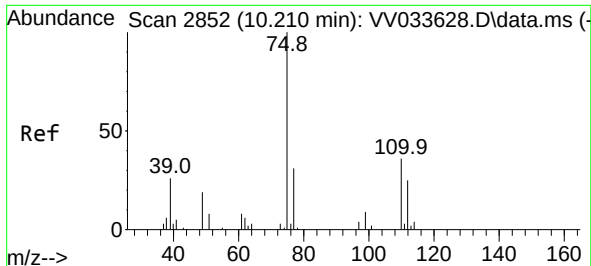
Tgt Ion:106 Resp: 1287

Ion Ratio Lower Upper

106 100

91 219.4 156.0 289.6





#61

1,2,3-Trichloropropane

Concen: 1.673 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.978 min

Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

Instrument :

MSVOA_V

ClientSampleId :

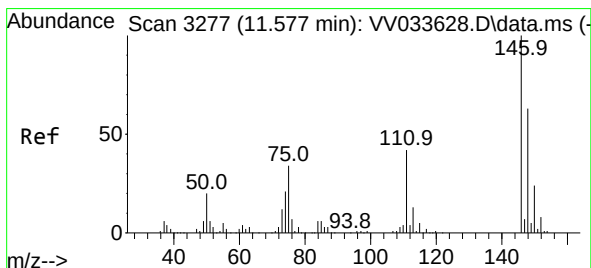
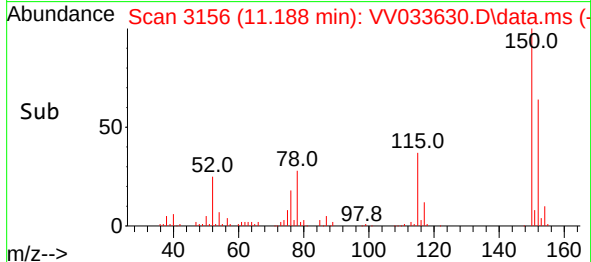
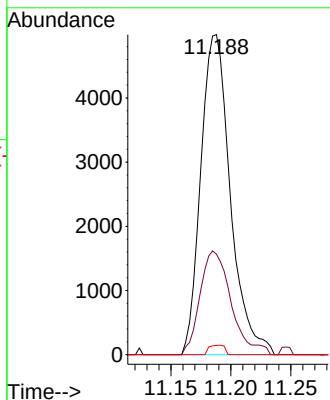
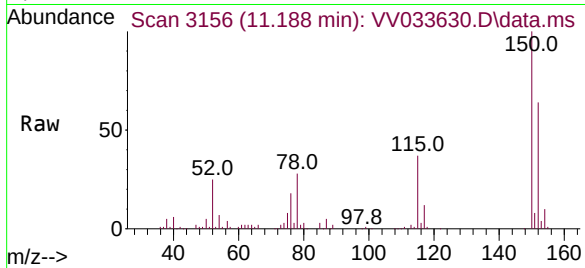
Tgt Ion: 75 Resp: 8551

Ion Ratio Lower Upper

75 100

77 34.1 24.7 37.1

110 1.5 28.0 42.0#



#67

1,2-Dichlorobenzene

Concen: 0.102 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV033630.D

Acq: 15 Jan 2024 10:18

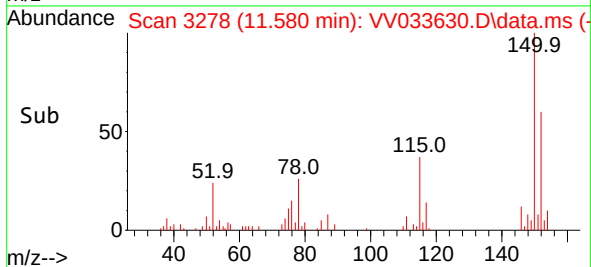
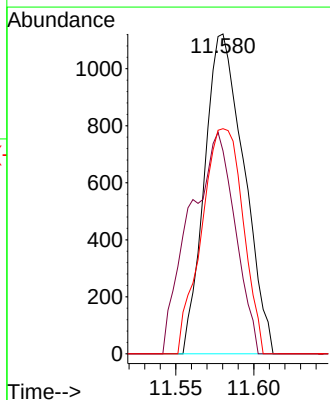
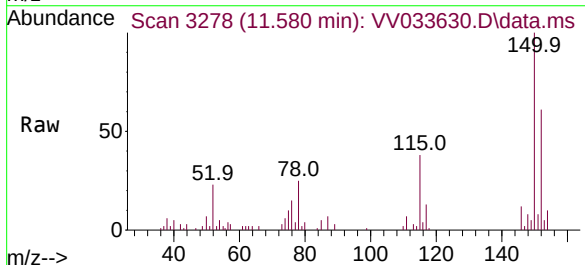
Tgt Ion: 146 Resp: 1970

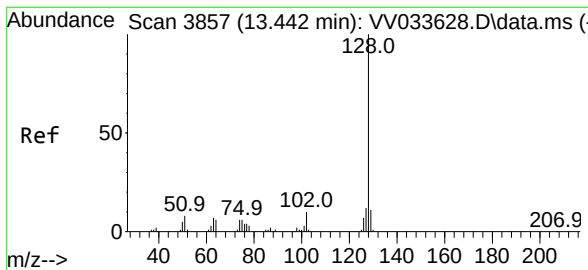
Ion Ratio Lower Upper

146 100

111 63.5 36.1 54.1#

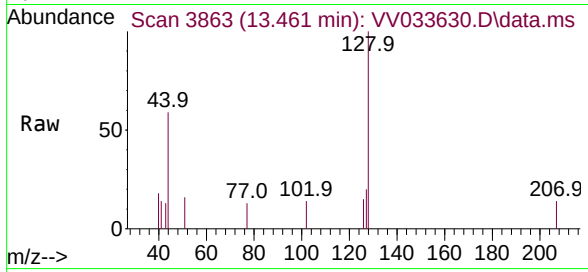
148 70.4 52.2 78.2





#71
Naphthalene
Concen: 0.076 ug/L
RT: 13.461 min Scan# 3863
Delta R.T. 0.019 min
Lab File: VV033630.D
Acq: 15 Jan 2024 10:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1838
Ion	Ratio	Lower	Upper
128	100		
129	6.8	8.8	13.2#
127	11.8	10.4	15.6

