

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026275.D
 Acq On : 15 Jun 2022 14:09
 Operator : SY/MD
 Sample : N3273-09DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B79DL

Quant Time: Jun 16 01:39:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	175415	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	170489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	90050	5.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.200%
7) Chloroethane-d5	1.577	69	78947	6.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	131.800%#
11) 1,1-Dichloroethene-d2	2.117	63	122986	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	3.912	46	106754	71.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.620%#
24) Chloroform-d	4.359	84	152460	6.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	136.600%#
26) 1,2-Dichloroethane-d4	5.040	65	65549	6.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	138.800%#
32) Benzene-d6	5.056	84	304529	6.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	133.600%#
36) 1,2-Dichloropropane-d6	6.076	67	94209	7.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	141.600%#
41) Toluene-d8	7.320	98	241404	5.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
43) trans-1,3-Dichloroprop...	7.625	79	24852	5.761	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.200%
46) 2-Hexanone-d5	8.092	63	97653	74.942	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.880%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	56654	6.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	138.200%#
66) 1,2-Dichlorobenzene-d4	11.625	152	78802	7.322	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	146.400%#
Target Compounds						
						Qvalue
3) Chloromethane	1.246	50	587	0.040	ug/L	93
9) Trichlorofluoromethane	1.764	101	22692	1.086	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	1294	0.107	ug/L #	21
12) 1,1-Dichloroethene	2.121	96	989	0.089	ug/L #	1
16) Methylene chloride	2.516	84	11437	0.809	ug/L	97
25) Chloroform	4.394	83	5855	0.263	ug/L	95
27) 1,2-Dichloroethane	5.053	62	1483	0.147	ug/L #	71
31) Carbon tetrachloride	4.834	117	592	0.037	ug/L #	50
34) Trichloroethene	5.931	95	2376	0.199	ug/L #	86
35) Methylcyclohexane	6.076	83	22505	1.363	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	9934	0.869	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1715	0.131	ug/L #	73
44) trans-1,3-Dichloropropene	7.635	75	926	0.089	ug/L	87
45) 1,1,2-Trichloroethane	7.973	97	933	0.124	ug/L #	1
47) Tetrachloroethene	7.976	164	112021	12.674	ug/L	99
49) Dibromochloromethane	7.976	129	105679	12.717	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	7757	1.711	ug/L #	68

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Quant Time: Jun 16 01:39:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 01:38:03 2022
Response via : Initial Calibration

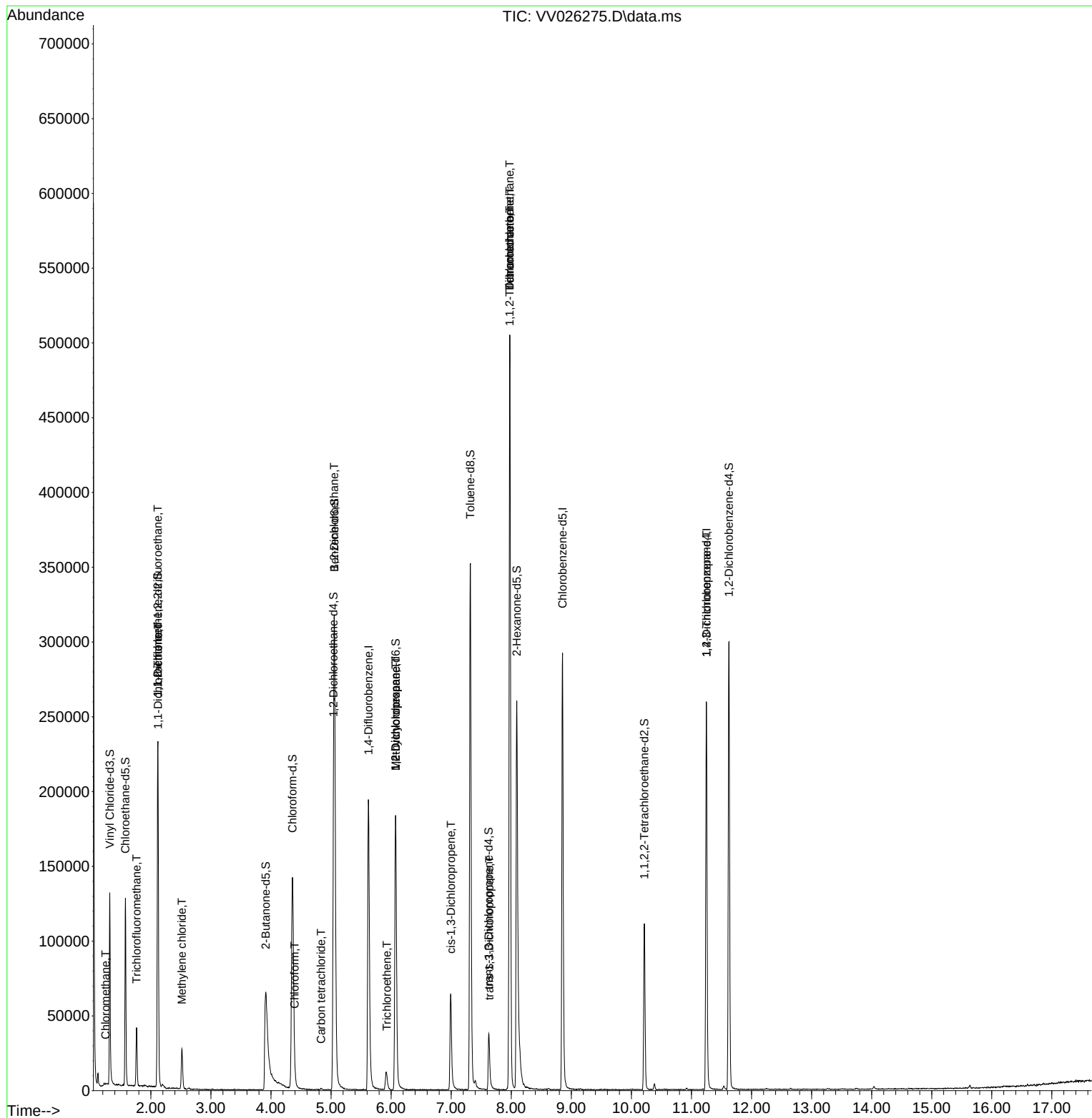
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

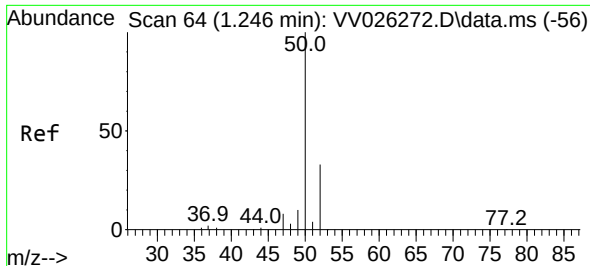
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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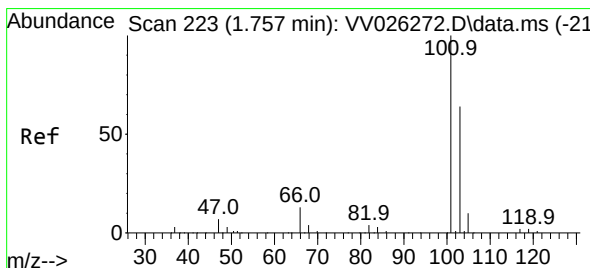
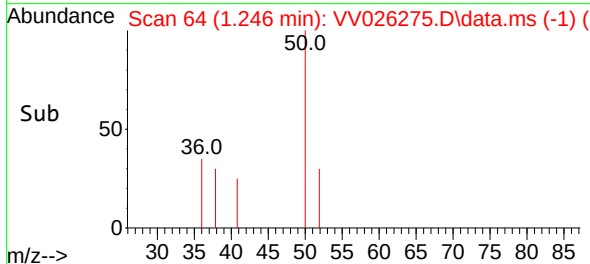
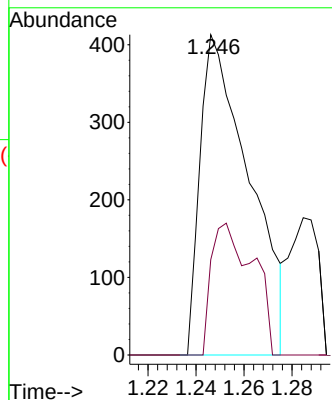
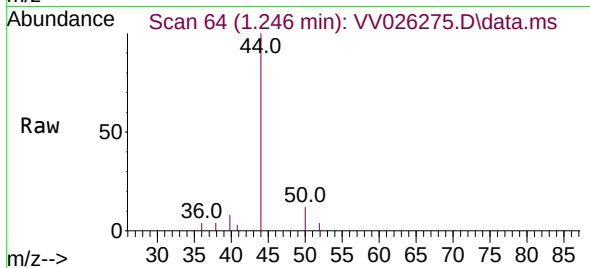




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

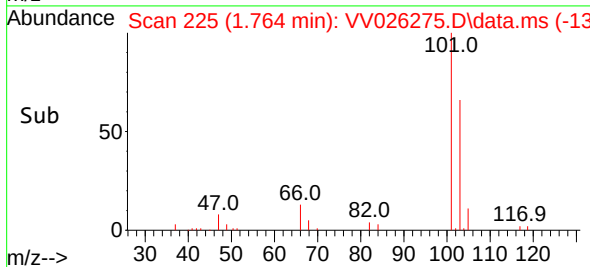
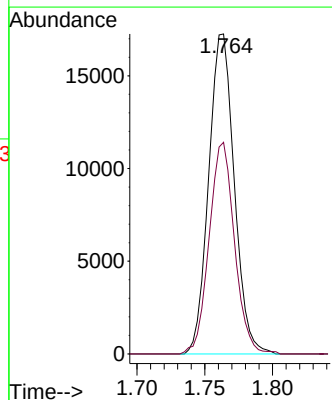
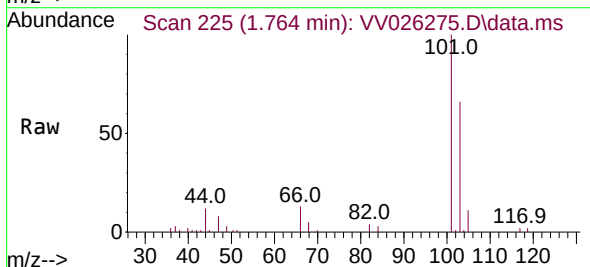
Instrument :
MSVOA_V
ClientSampleId :
C0B79DL

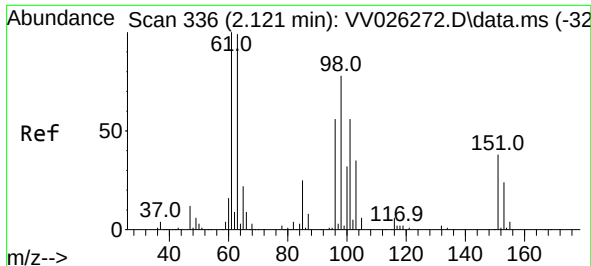
Tgt Ion: 50 Resp: 587
Ion Ratio Lower Upper
50 100
52 29.8 23.7 44.1



#9
Trichlorofluoromethane
Concen: 1.086 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.006 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

Tgt Ion: 101 Resp: 22692
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

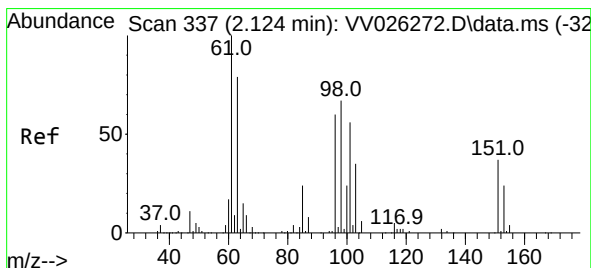
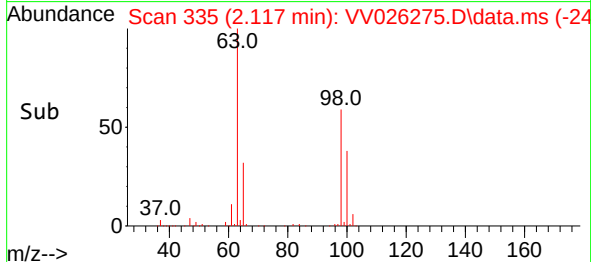
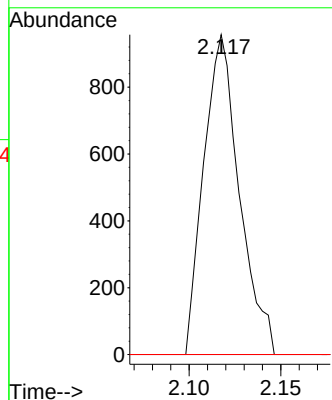
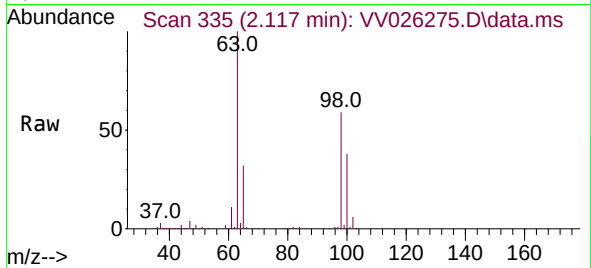




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.107 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

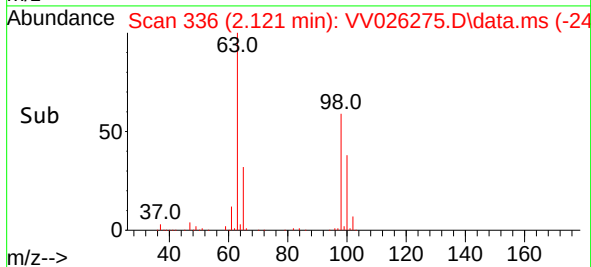
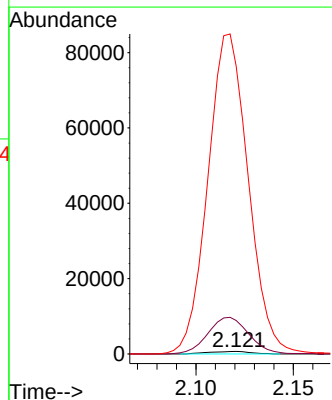
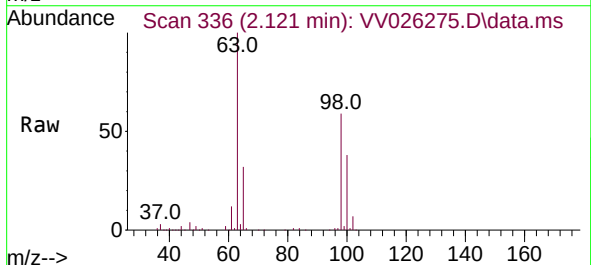
Instrument :
MSVOA_V
ClientSampleId :
C0B79DL

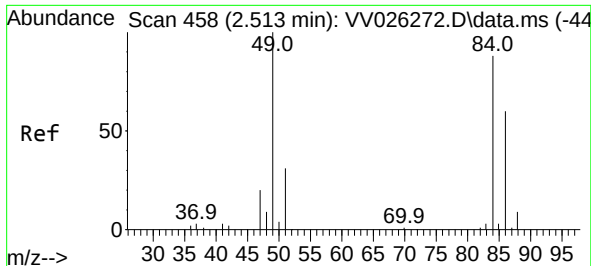
Tgt Ion:101 Resp: 1294
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 56.8 85.2#



#12
1,1-Dichloroethene
Concen: 0.089 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.003 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

Tgt Ion: 96 Resp: 989
Ion Ratio Lower Upper
96 100
61 1313.5 117.1 217.5#
63 11298.2 92.8 172.4#

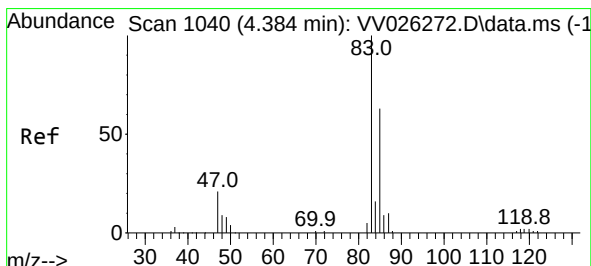
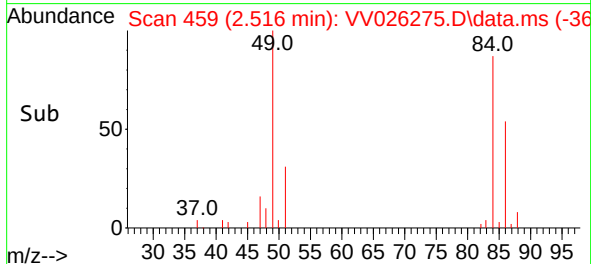
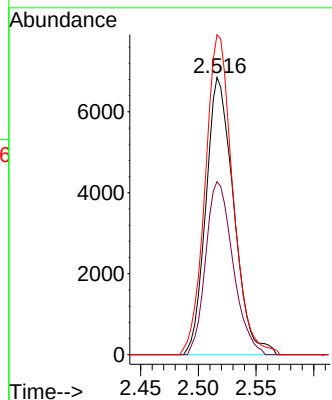
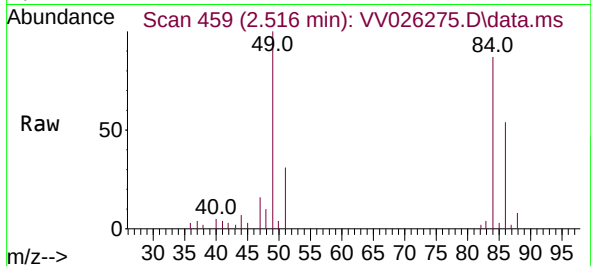




#16
Methylene chloride
Concen: 0.809 ug/L
RT: 2.516 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

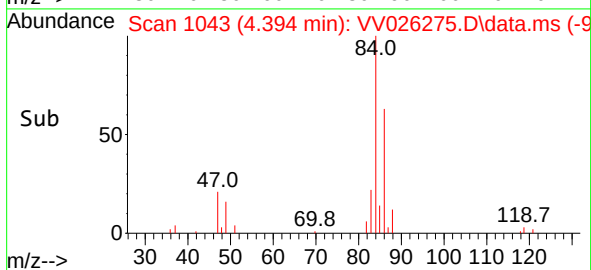
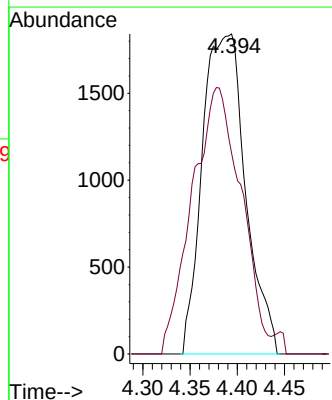
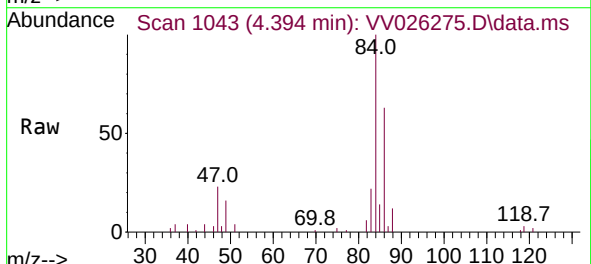
Instrument :
MSVOA_V
ClientSampleId :
C0B79DL

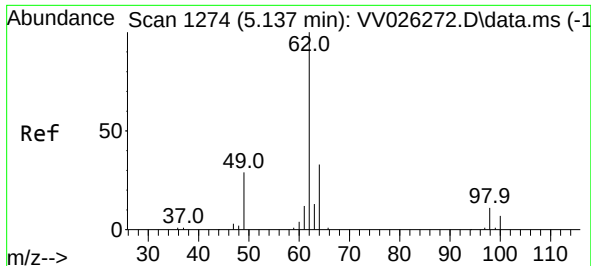
Tgt Ion: 84 Resp: 11437
Ion Ratio Lower Upper
84 100
86 62.4 44.0 81.8
49 115.4 77.3 143.7



#25
Chloroform
Concen: 0.263 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.010 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

Tgt Ion: 83 Resp: 5855
Ion Ratio Lower Upper
83 100
85 62.8 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.147 ug/L

RT: 5.053 min Scan# 1180

Delta R.T. -0.084 min

Lab File: VV026275.D

Acq: 15 Jun 2022 14:09

Instrument :

MSVOA_V

ClientSampleId :

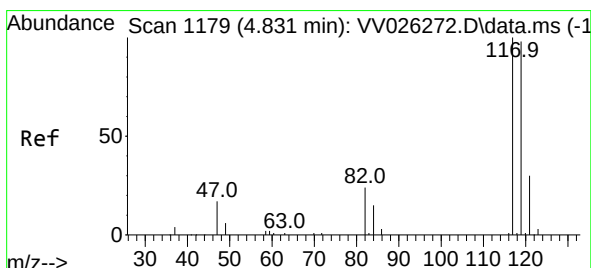
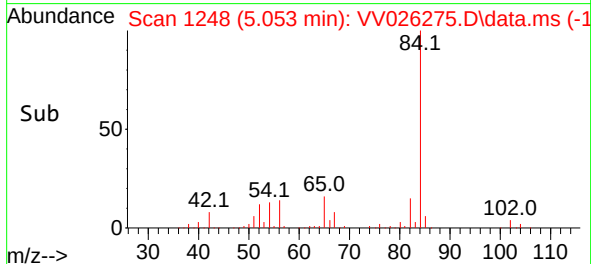
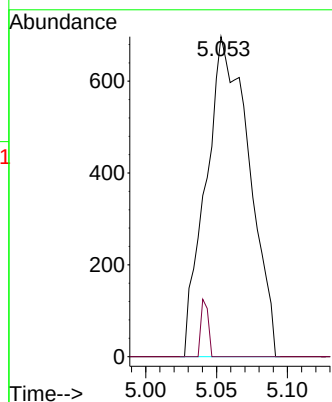
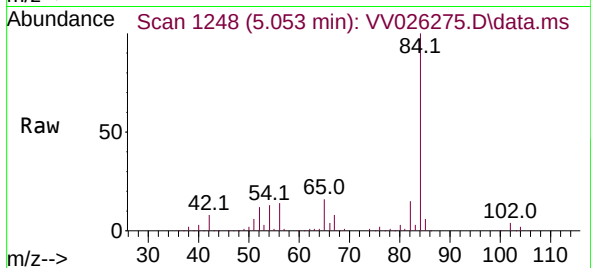
C0B79DL

Tgt Ion: 62 Resp: 1483

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#31

Carbon tetrachloride

Concen: 0.037 ug/L

RT: 4.834 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VV026275.D

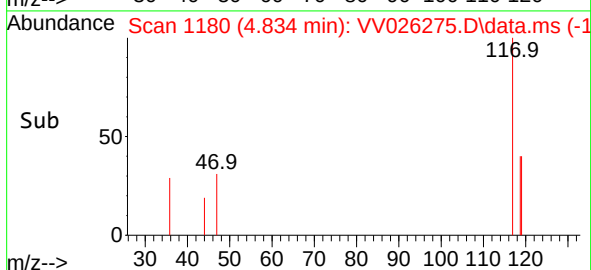
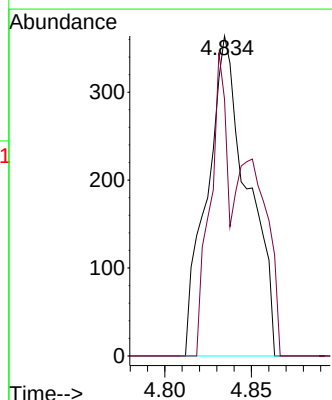
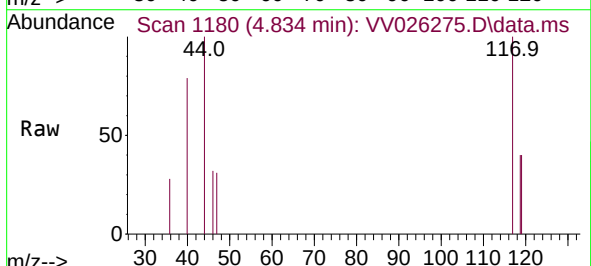
Acq: 15 Jun 2022 14:09

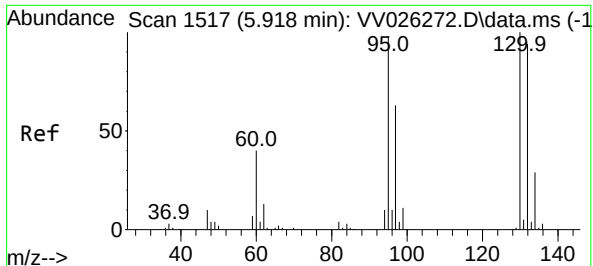
Tgt Ion: 117 Resp: 592

Ion Ratio Lower Upper

117 100

119 47.0 76.2 114.4#



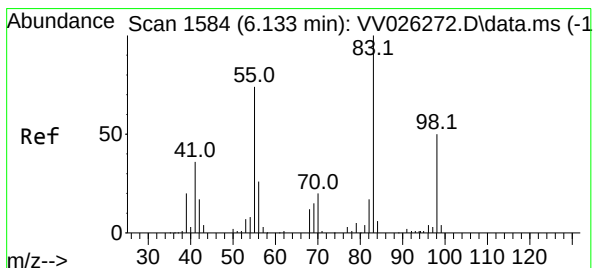
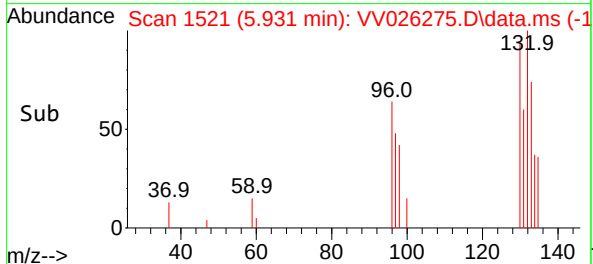
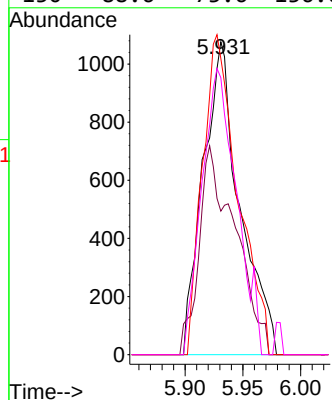
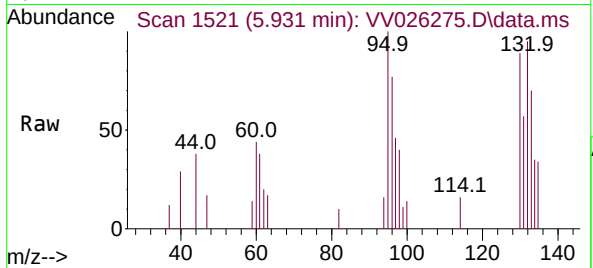


#34
Trichloroethene
Concen: 0.199 ug/L
RT: 5.931 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

Instrument :
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ClientSampleId :
C0B79DL

Tgt Ion: 95 Resp: 2376

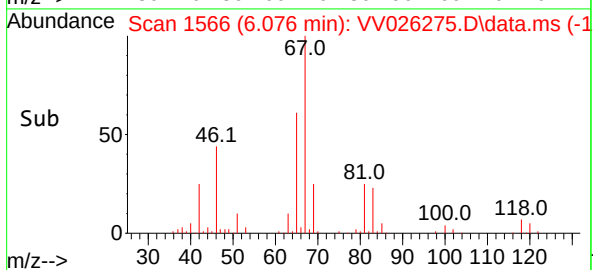
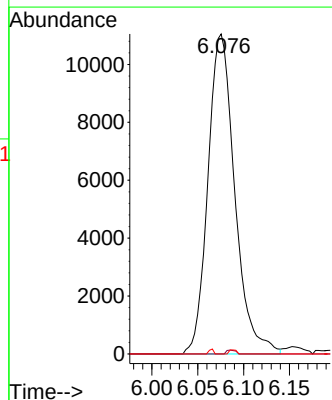
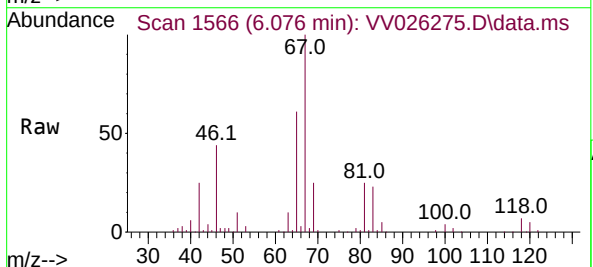
Ion	Ratio	Lower	Upper
95	100		
97	45.9	46.5	86.3#
132	94.7	68.8	127.8
130	88.6	73.6	136.6

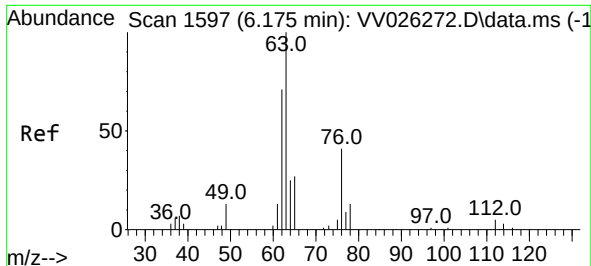


#35
Methylcyclohexane
Concen: 1.363 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

Tgt Ion: 83 Resp: 22505

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.3	88.9#
98	0.3	39.9	59.9#





#37

1,2-Dichloropropane

Concen: 0.869 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026275.D

Acq: 15 Jun 2022 14:09

Instrument :

MSVOA_V

ClientSampleId :

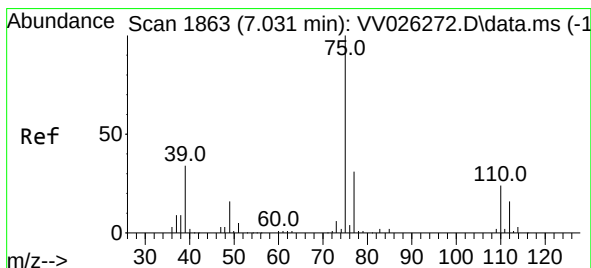
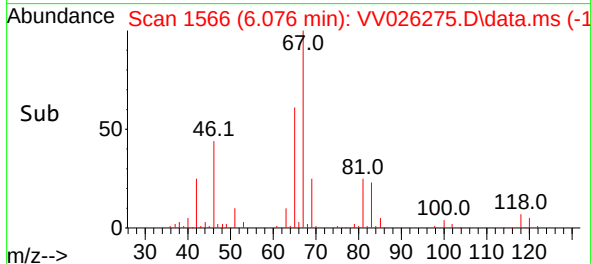
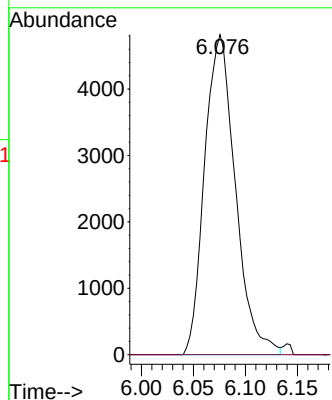
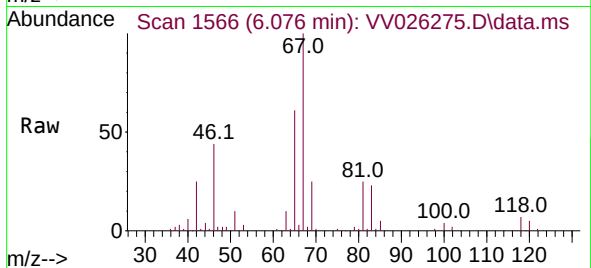
C0B79DL

Tgt Ion: 63 Resp: 9934

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026275.D

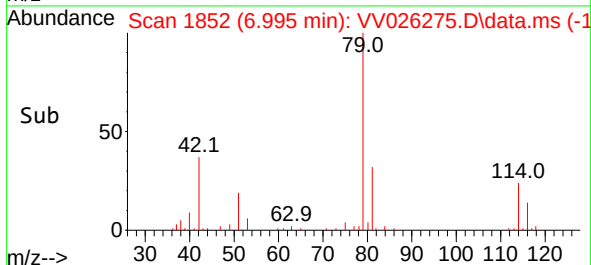
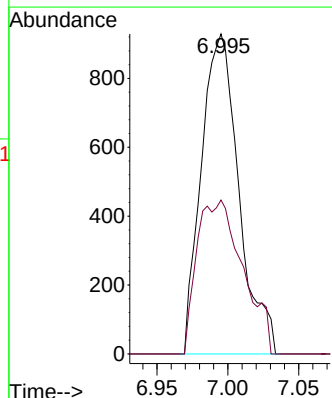
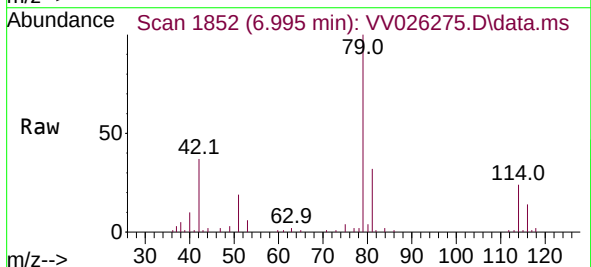
Acq: 15 Jun 2022 14:09

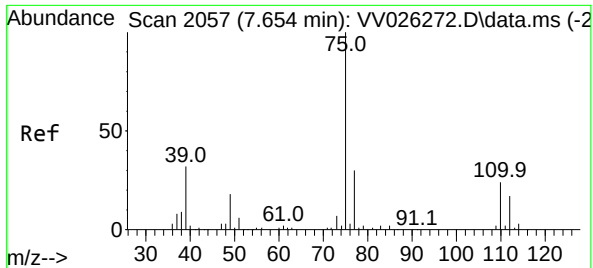
Tgt Ion: 75 Resp: 1715

Ion Ratio Lower Upper

75 100

77 48.1 23.0 42.6#

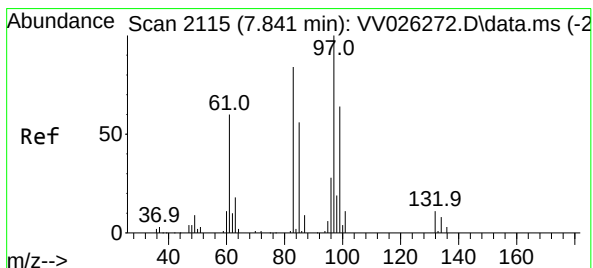
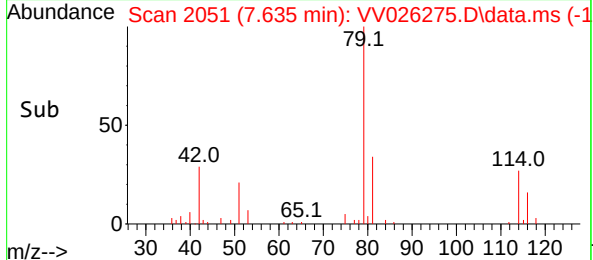
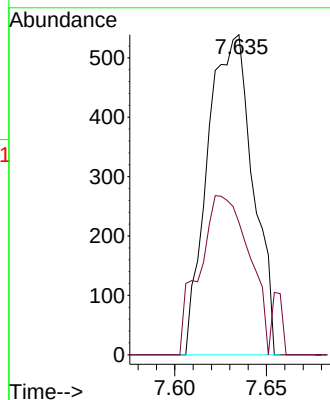
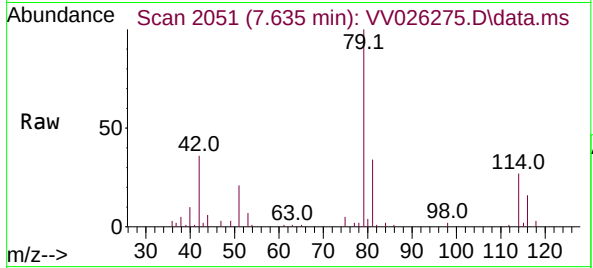




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.635 min Scan# 2051
Delta R.T. -0.019 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

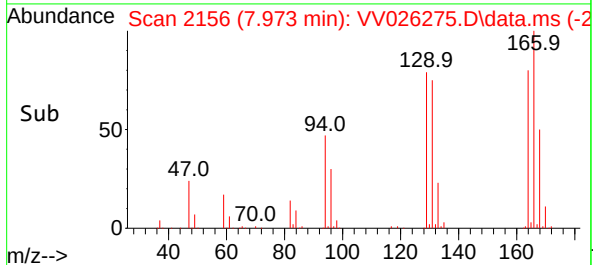
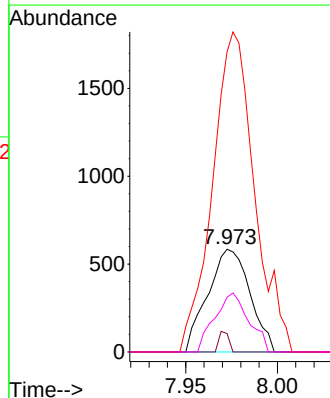
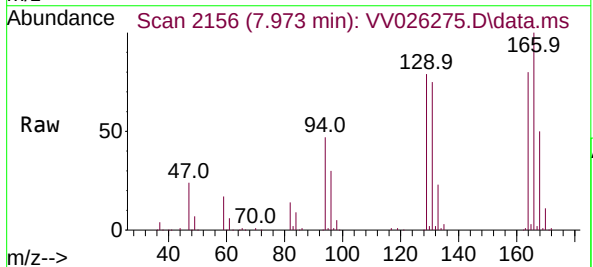
Instrument :
MSVOA_V
ClientSampleId :
C0B79DL

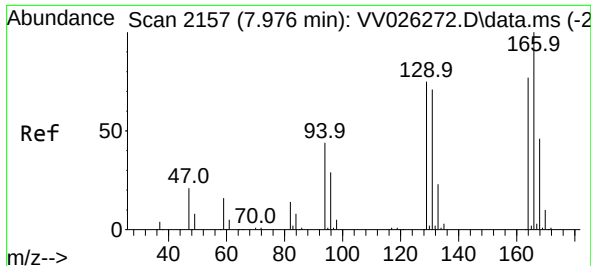
Tgt Ion: 75 Resp: 926
Ion Ratio Lower Upper
75 100
77 41.4 23.7 43.9



#45
1,1,2-Trichloroethane
Concen: 0.124 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.132 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

Tgt Ion: 97 Resp: 933
Ion Ratio Lower Upper
97 100
99 17.8 42.4 78.6#
83 292.5 56.1 104.1#
85 53.3 36.3 67.5

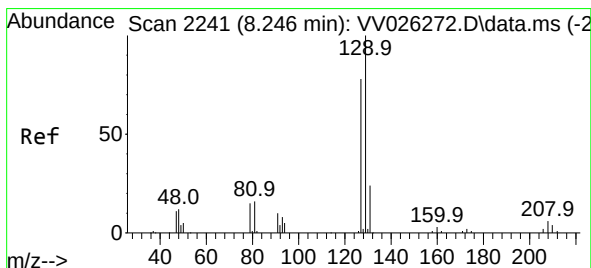
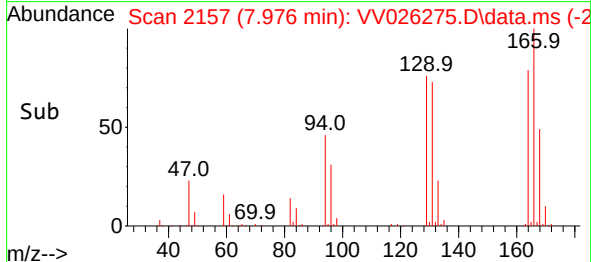
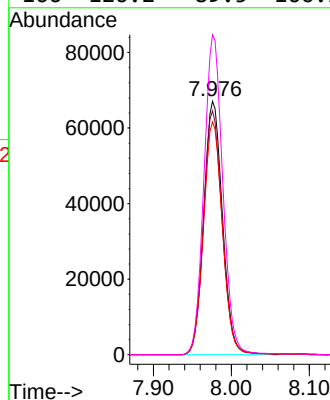
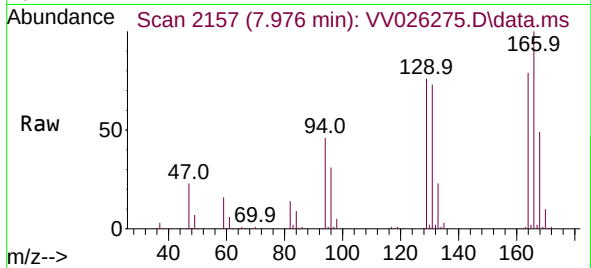




#47
Tetrachloroethene
Concen: 12.674 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

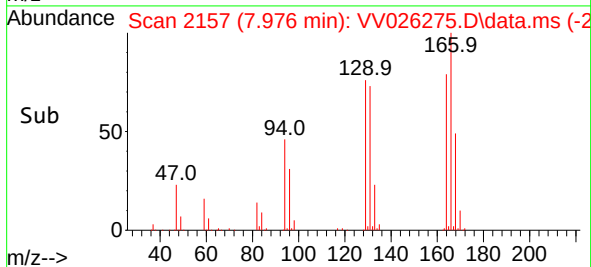
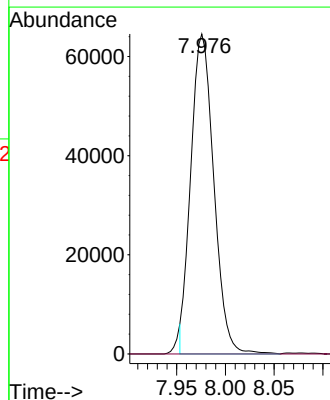
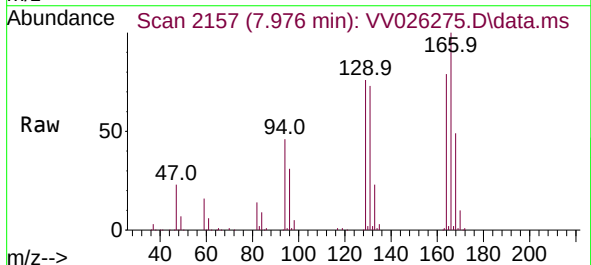
Instrument :
MSVOA_V
ClientSampleId :
C0B79DL

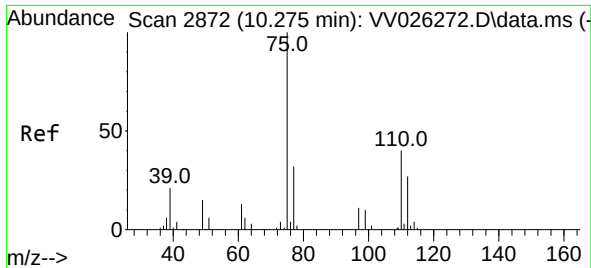
Tgt Ion:164	Resp:	112021
Ion	Ratio	Lower Upper
164	100	
129	96.2	67.5 125.3
131	91.8	63.8 118.4
166	126.2	89.5 166.3



#49
Dibromochloromethane
Concen: 12.717 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV026275.D
Acq: 15 Jun 2022 14:09

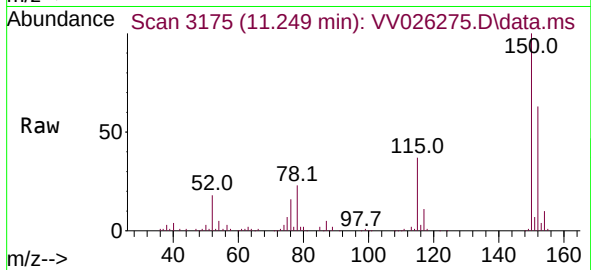
Tgt Ion:129	Resp:	105679
Ion	Ratio	Lower Upper
129	100	
127	0.0	56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.711 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026275.D
 Acq: 15 Jun 2022 14:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B79DL



Tgt Ion:	75	Resp:	7757
Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.9	40.3
110	2.2	30.7	46.1#

