

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026283.D
 Acq On : 15 Jun 2022 17:21
 Operator : SY/MD
 Sample : N3275-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD7

Quant Time: Jun 16 01:41:32 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	185657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	176982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	75491	4.681	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.574	69	60569	4.777	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.114	63	101583	3.668	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.905	46	83723	53.209	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.420%
24) Chloroform-d	4.355	84	121460	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.040	65	49681	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.056	84	232243	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.076	67	70126	5.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.317	98	185529	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.629	79	18874	4.215	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.092	63	65445	48.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42769	5.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	60352	5.352	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
6) Bromomethane	1.529	94	387	0.043	ug/L	83
9) Trichlorofluoromethane	1.761	101	50423	2.279	ug/L	99
13) Acetone	2.195	43	58626	48.078	ug/L	92
15) Methyl Acetate	2.372	43	12342	4.218	ug/L #	48
21) 2-Butanone	4.021	43	3273	2.074	ug/L	79
22) cis-1,2-Dichloroethene	3.931	96	414	0.036	ug/L #	41
25) Chloroform	4.384	83	3082	0.131	ug/L	86
31) Carbon tetrachloride	4.831	117	1032	0.062	ug/L #	9
34) Trichloroethene	5.918	95	23690	1.912	ug/L	98
35) Methylcyclohexane	6.072	83	16710	0.975	ug/L #	25
37) 1,2-Dichloropropane	6.069	63	7414	0.625	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1196	0.088	ug/L #	58
44) trans-1,3-Dichloropropene	7.622	75	786	0.073	ug/L #	79
47) Tetrachloroethene	7.976	164	58454	6.371	ug/L	99
49) Dibromochloromethane	7.976	129	54318	6.297	ug/L #	9
61) 1,2,3-Trichloropropane	10.008	75	2465	0.519	ug/L #	39
68) 1,2-Dibromo-3-chloropr...	12.243	75	255	0.303	ug/L #	3

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061522\
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Quant Time: Jun 16 01:41:32 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

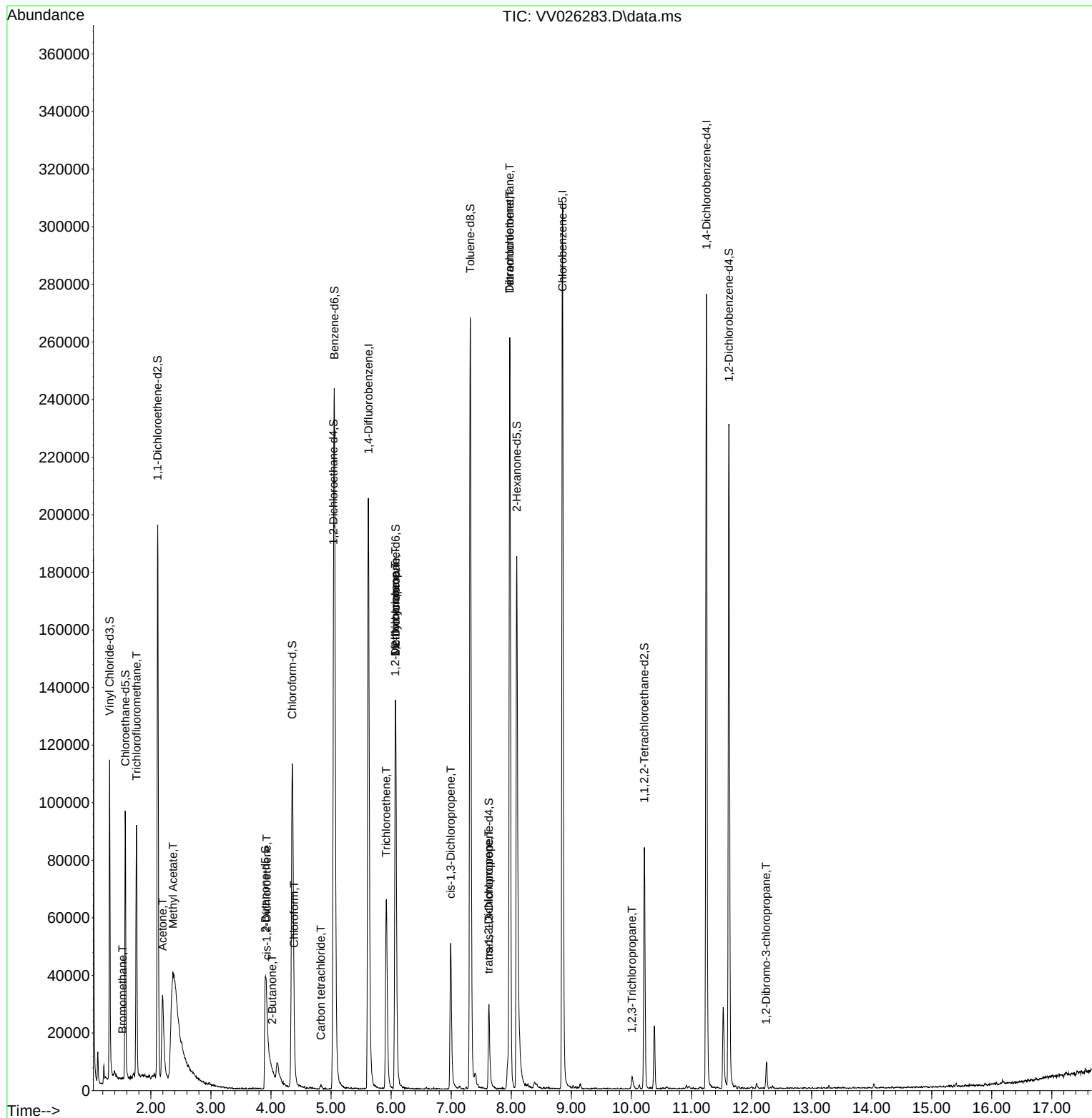
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

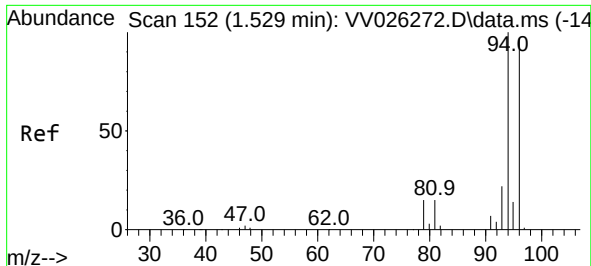
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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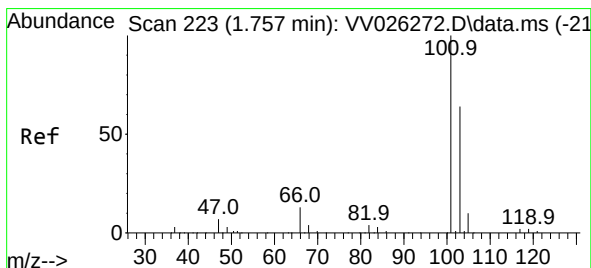
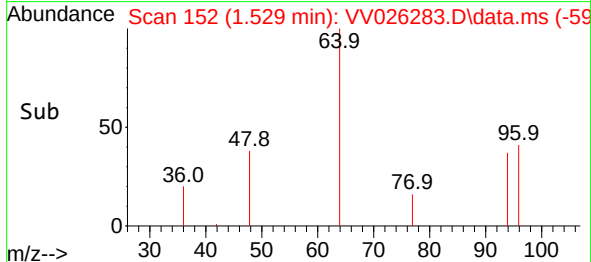
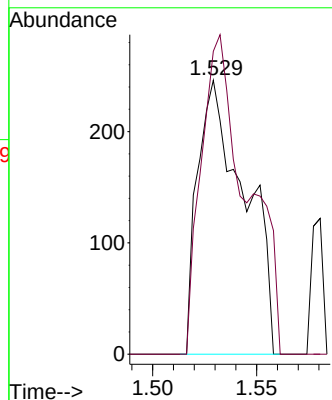
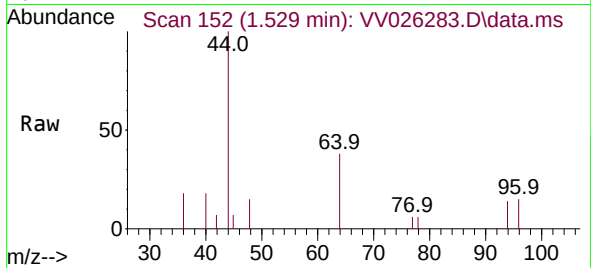




#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

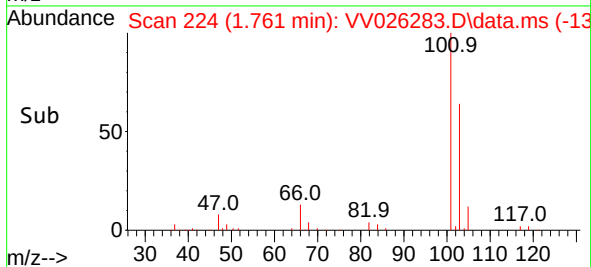
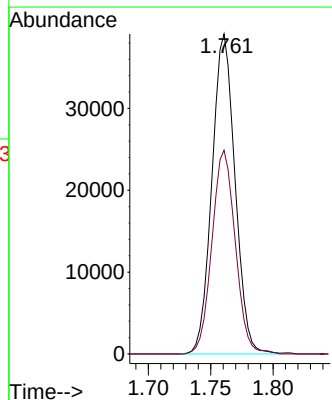
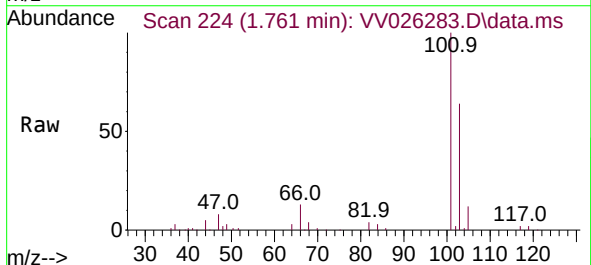
Instrument :
MSVOA_V
ClientSampleId :
C0BD7

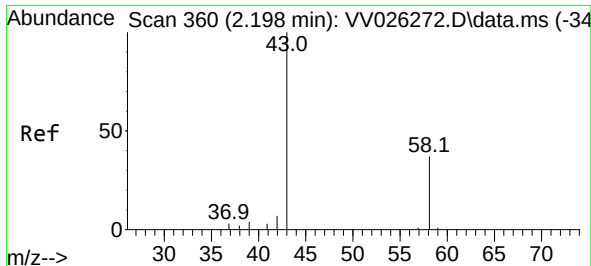
Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 110.6 65.7 121.9



#9
Trichlorofluoromethane
Concen: 2.279 ug/L
RT: 1.761 min Scan# 224
Delta R.T. 0.003 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

Tgt Ion:101 Resp: 50423
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

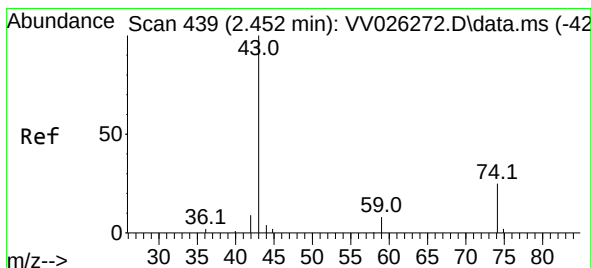
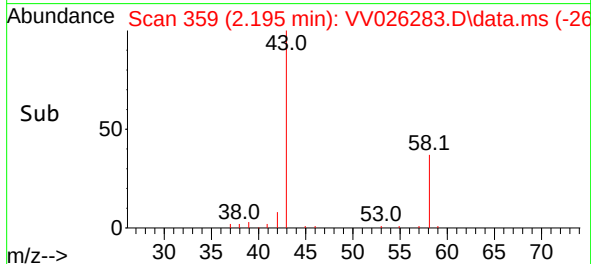
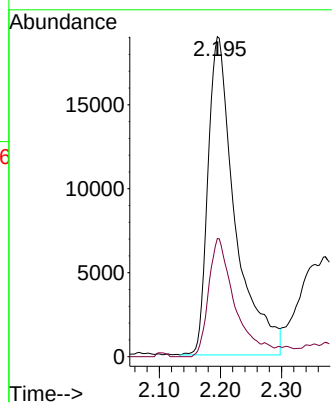
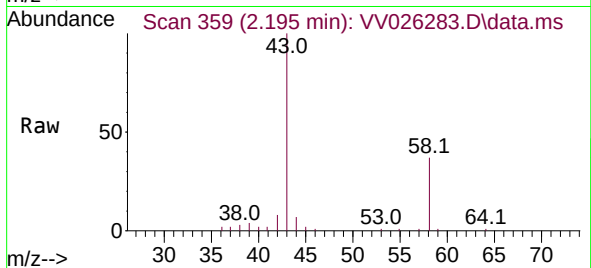




#13
Acetone
Concen: 48.078 ug/L
RT: 2.195 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

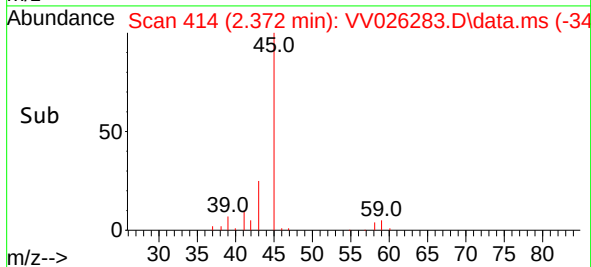
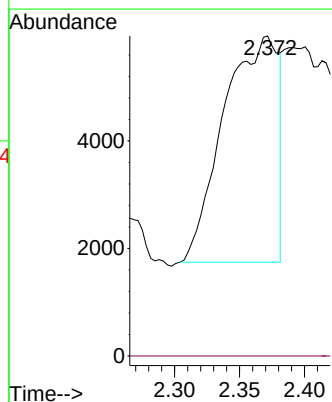
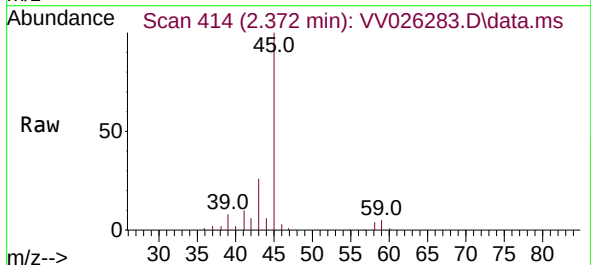
Instrument :
MSVOA_V
ClientSampleId :
C0BD7

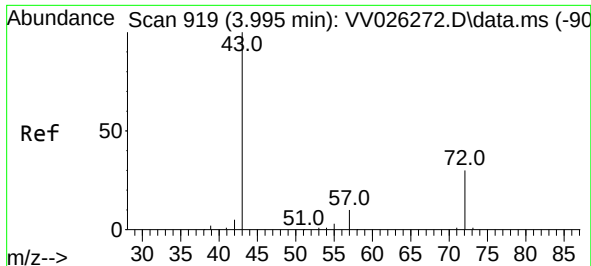
Tgt Ion: 43 Resp: 58626
Ion Ratio Lower Upper
43 100
58 34.3 0.0 60.0



#15
Methyl Acetate
Concen: 4.218 ug/L
RT: 2.372 min Scan# 414
Delta R.T. -0.080 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

Tgt Ion: 43 Resp: 12342
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#





#21

2-Butanone

Concen: 2.074 ug/L

RT: 4.021 min Scan# 919

Delta R.T. 0.026 min

Lab File: VV026283.D

Acq: 15 Jun 2022 17:21

Instrument :

MSVOA_V

ClientSampleId :

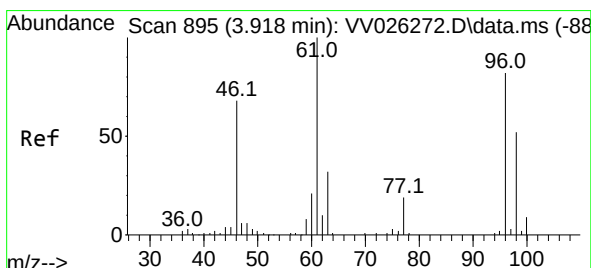
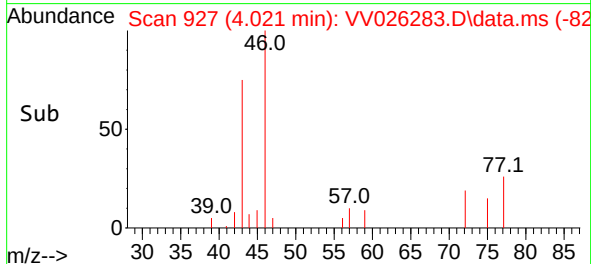
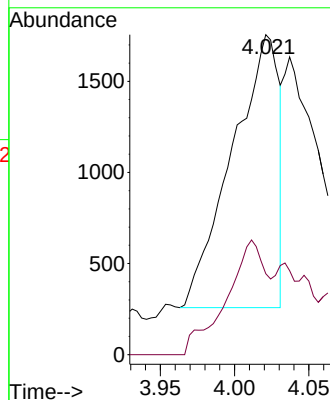
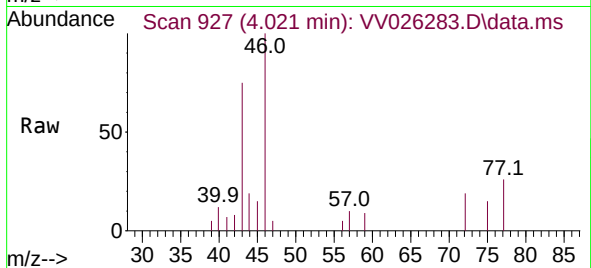
C0BD7

Tgt Ion: 43 Resp: 3273

Ion Ratio Lower Upper

43 100

72 36.0 12.7 38.0



#22

cis-1,2-Dichloroethene

Concen: 0.036 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.013 min

Lab File: VV026283.D

Acq: 15 Jun 2022 17:21

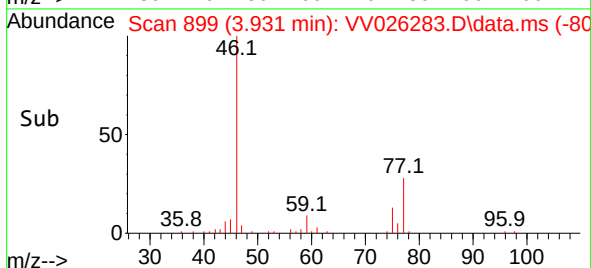
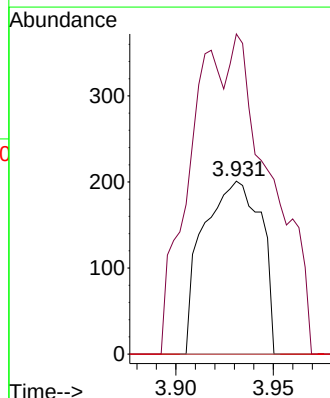
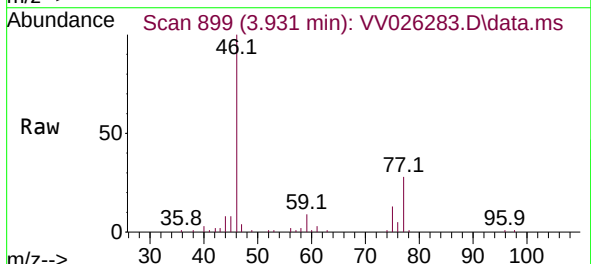
Tgt Ion: 96 Resp: 414

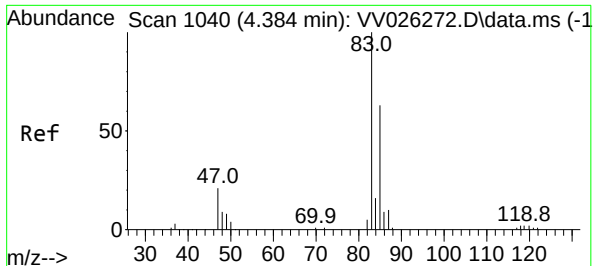
Ion Ratio Lower Upper

96 100

61 185.1 83.6 155.2#

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.131 ug/L

RT: 4.384 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV026283.D

Acq: 15 Jun 2022 17:21

Instrument :

MSVOA_V

ClientSampleId :

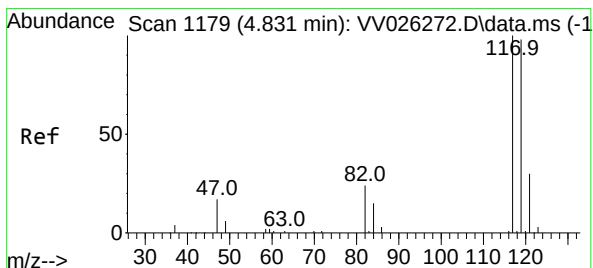
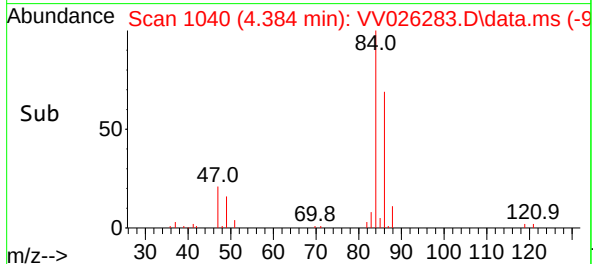
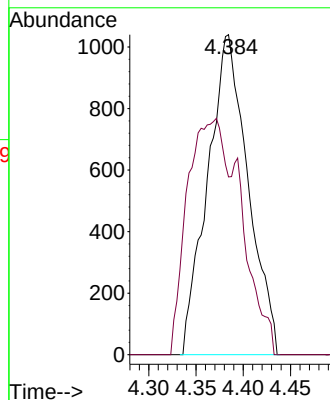
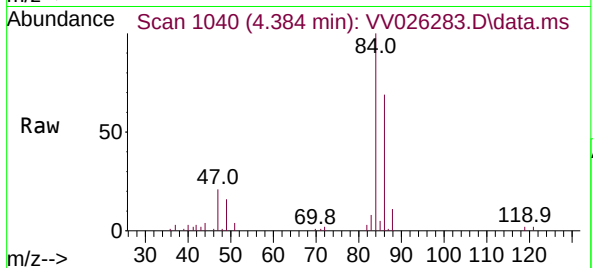
C0BD7

Tgt Ion: 83 Resp: 3082

Ion Ratio Lower Upper

83 100

85 55.6 46.5 86.3



#31

Carbon tetrachloride

Concen: 0.062 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VV026283.D

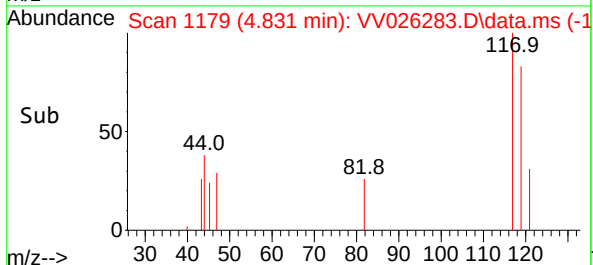
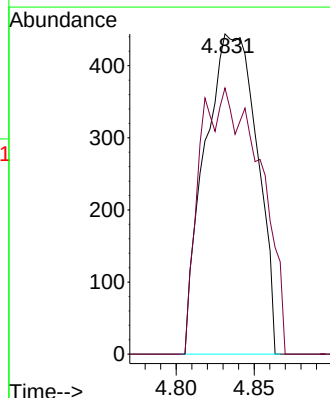
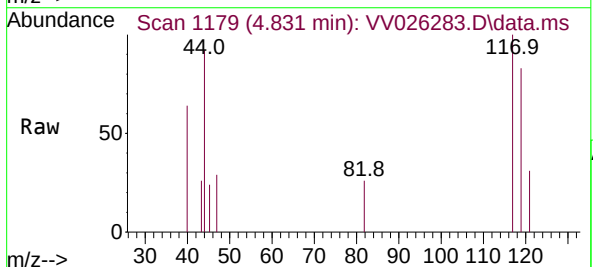
Acq: 15 Jun 2022 17:21

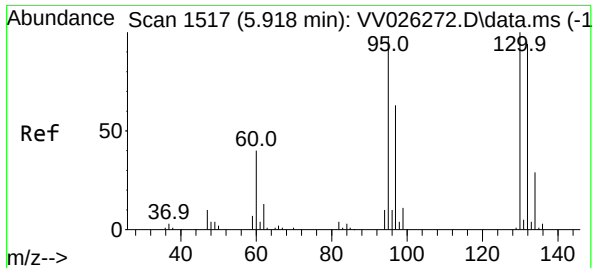
Tgt Ion: 117 Resp: 1032

Ion Ratio Lower Upper

117 100

119 6.7 76.2 114.4#



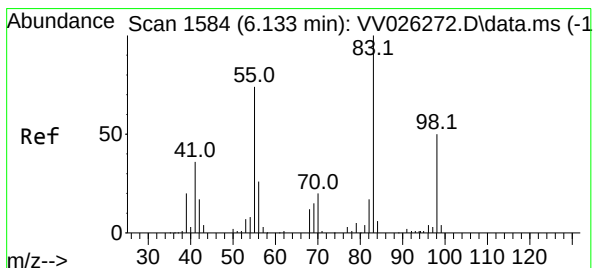
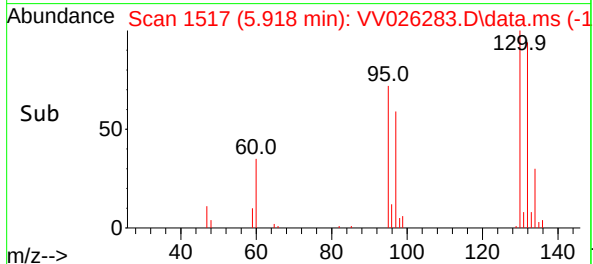
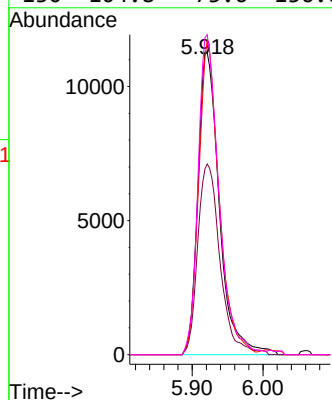
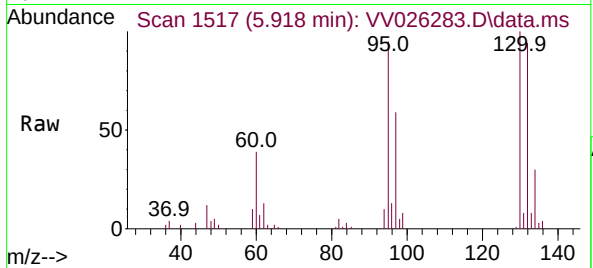


#34
Trichloroethene
Concen: 1.912 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

Instrument :
MSVOA_V
ClientSampleId :
C0BD7

Tgt Ion: 95 Resp: 23690

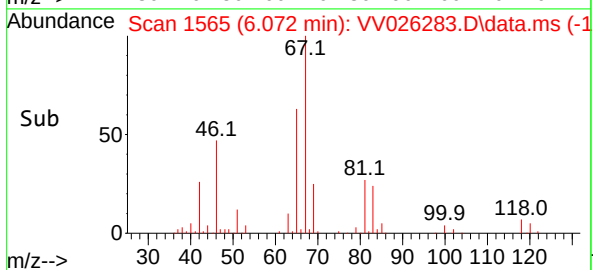
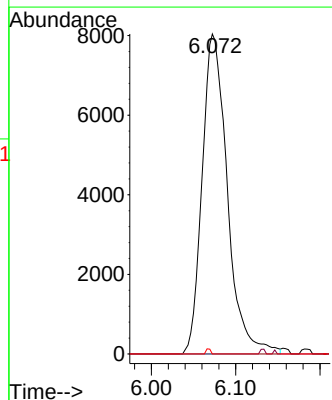
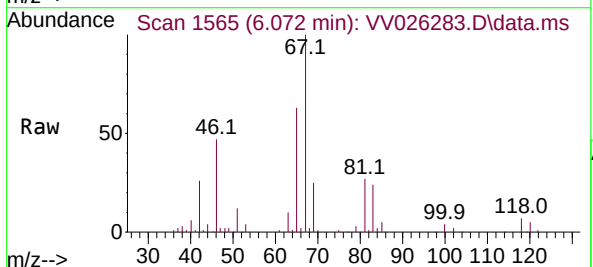
Ion	Ratio	Lower	Upper
95	100		
97	61.5	46.5	86.3
132	98.5	68.8	127.8
130	104.8	73.6	136.6

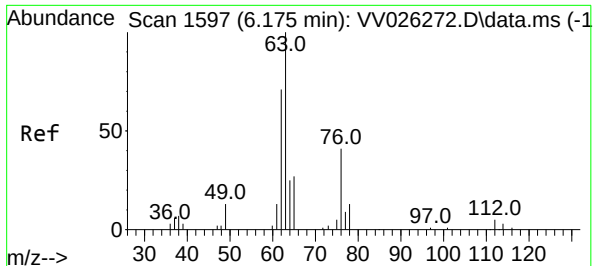


#35
Methylcyclohexane
Concen: 0.975 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

Tgt Ion: 83 Resp: 16710

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.3	88.9#
98	10.6	39.9	59.9#





#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV026283.D

Acq: 15 Jun 2022 17:21

Instrument :

MSVOA_V

ClientSampleId :

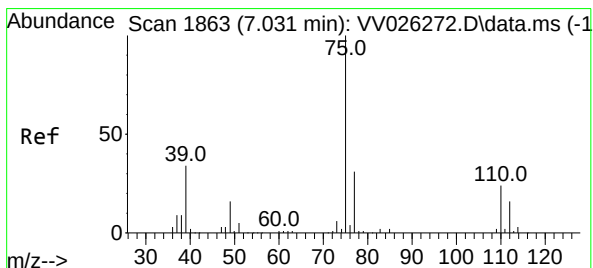
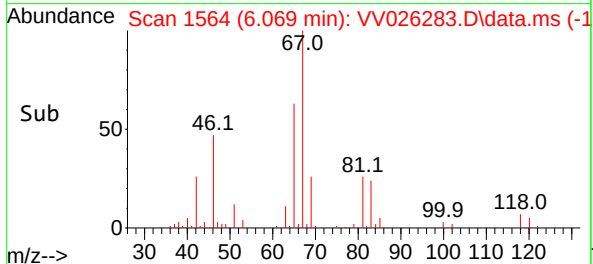
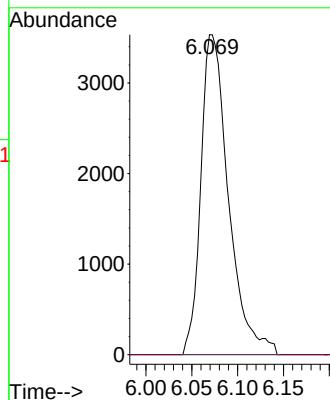
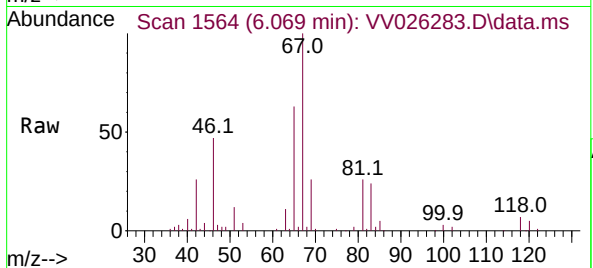
C0BD7

Tgt Ion: 63 Resp: 7414

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026283.D

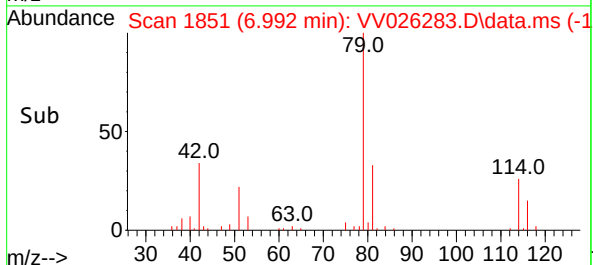
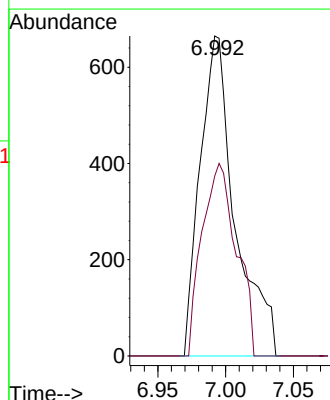
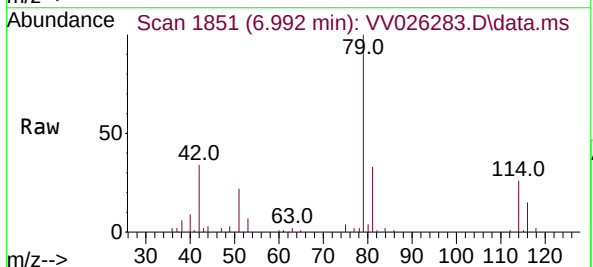
Acq: 15 Jun 2022 17:21

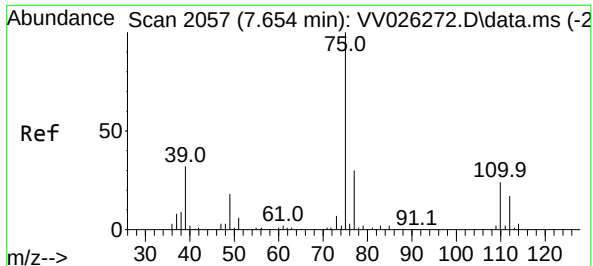
Tgt Ion: 75 Resp: 1196

Ion Ratio Lower Upper

75 100

77 56.2 23.0 42.6#

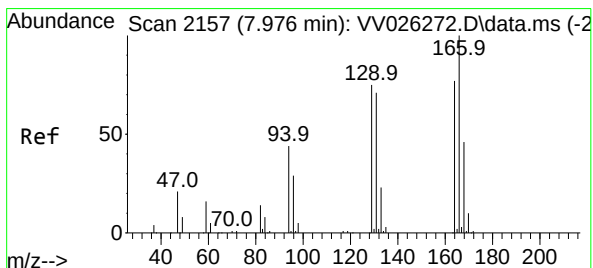
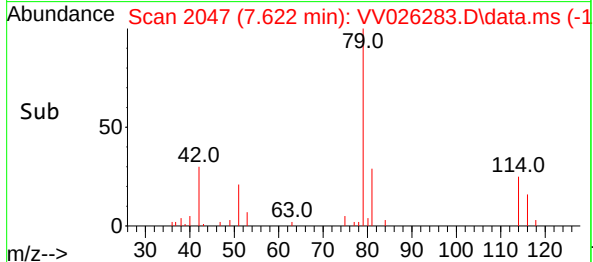
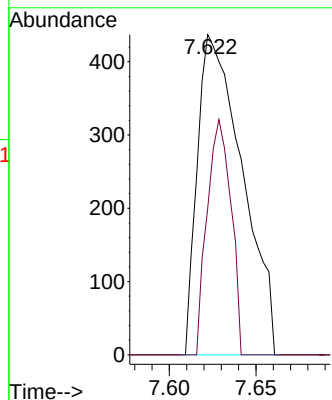
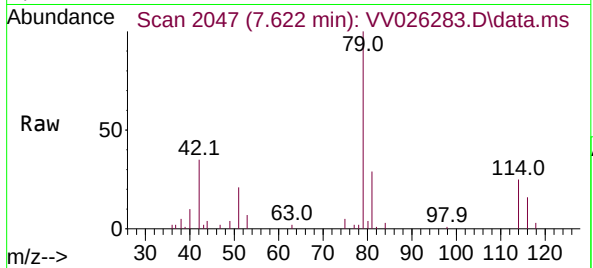




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.622 min Scan# 2057
Delta R.T. -0.032 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

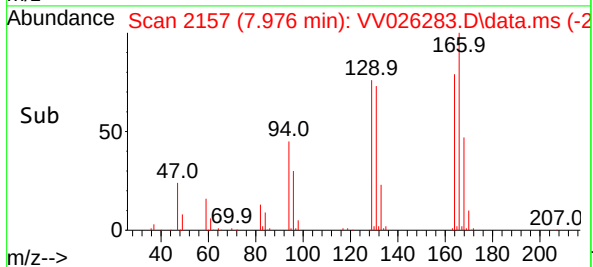
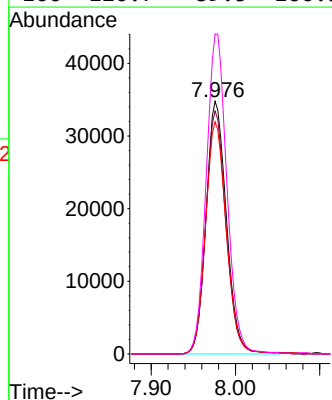
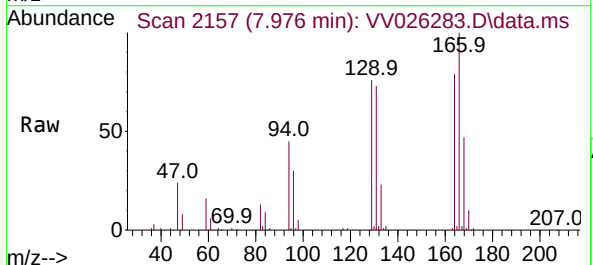
Instrument :
MSVOA_V
ClientSampleId :
C0BD7

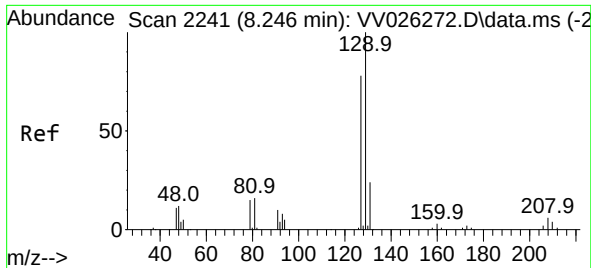
Tgt Ion: 75 Resp: 786
Ion Ratio Lower Upper
75 100
77 45.8 23.7 43.9#



#47
Tetrachloroethene
Concen: 6.371 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

Tgt Ion:164 Resp: 58454
Ion Ratio Lower Upper
164 100
129 96.2 67.5 125.3
131 91.9 63.8 118.4
166 126.7 89.5 166.3

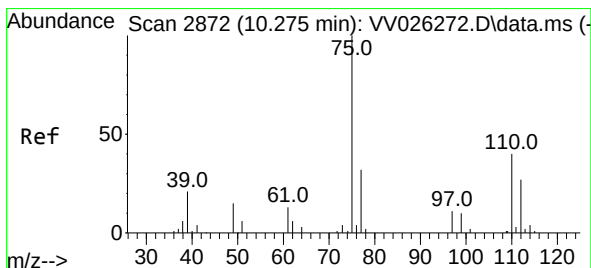
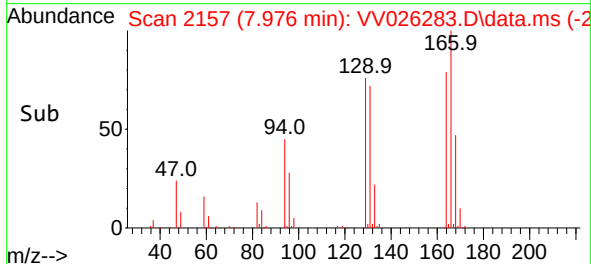
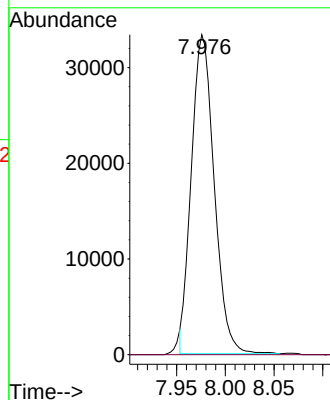
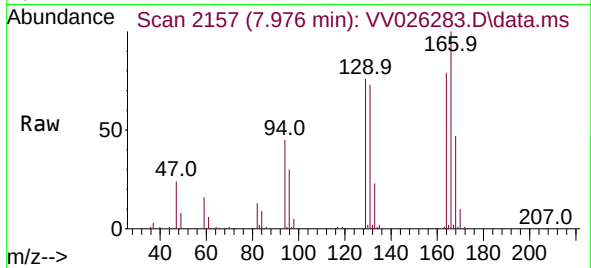




#49
Dibromochloromethane
Concen: 6.297 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

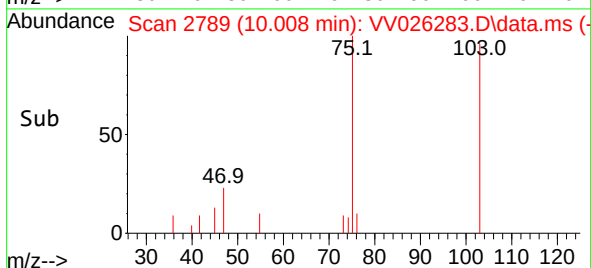
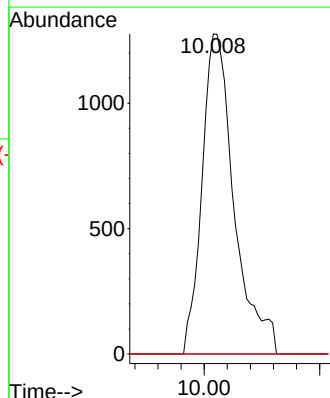
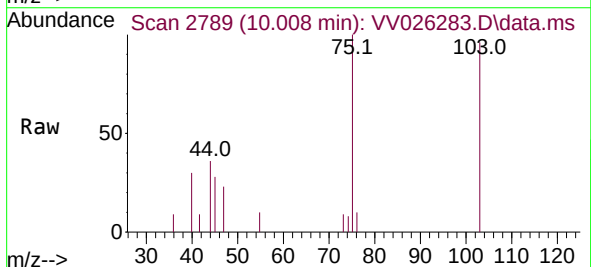
Instrument :
MSVOA_V
ClientSampleId :
C0BD7

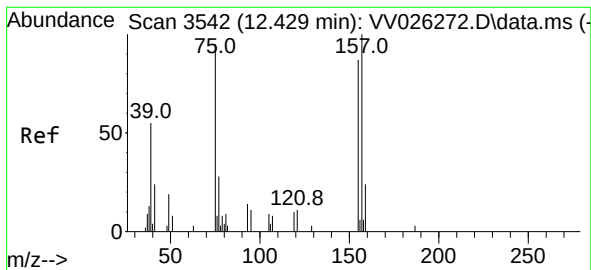
Tgt Ion:129 Resp: 54318
Ion Ratio Lower Upper
129 100
127 0.0 56.4 104.7#



#61
1,2,3-Trichloropropane
Concen: 0.519 ug/L
RT: 10.008 min Scan# 2789
Delta R.T. -0.267 min
Lab File: VV026283.D
Acq: 15 Jun 2022 17:21

Tgt Ion: 75 Resp: 2465
Ion Ratio Lower Upper
75 100
77 0.0 26.9 40.3#
110 0.0 30.7 46.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.303 ug/L
 RT: 12.243 min Scan# 34
 Delta R.T. -0.186 min
 Lab File: VV026283.D
 Acq: 15 Jun 2022 17:21

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD7

Tgt Ion: 75 Resp: 255
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

