

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026282.D
 Acq On : 15 Jun 2022 16:57
 Operator : SY/MD
 Sample : N3275-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD6

Quant Time: Jun 16 01:41:14 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	210141	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	192775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	79252	4.342	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.577	69	64047	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.114	63	110148	3.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.915	46	105173	59.053	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.100%
24) Chloroform-d	4.359	84	130799	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.040	65	52969	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.056	84	249920	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.076	67	77270	5.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.317	98	211023	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.625	79	20846	4.274	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.092	63	71848	48.764	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47038	5.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	72588	5.522	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	1509	0.086	ug/L	98
13) Acetone	2.201	43	325472	235.813	ug/L	90
15) Methyl Acetate	2.201	43	314763	95.047	ug/L #	48
21) 2-Butanone	4.015	43	5438	3.045	ug/L	80
22) cis-1,2-Dichloroethene	3.921	96	408	0.031	ug/L #	1
27) 1,2-Dichloroethane	5.053	62	1263	0.104	ug/L #	71
33) Benzene	5.111	78	6438	0.130	ug/L	100
34) Trichloroethene	5.918	95	69214	5.130	ug/L	97
35) Methylcyclohexane	6.076	83	18040	0.967	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	8208	0.635	ug/L #	88
39) cis-1,3-Dichloropropene	6.986	75	1721	0.117	ug/L	84
44) trans-1,3-Dichloropropene	7.629	75	878	0.075	ug/L	99
47) Tetrachloroethene	7.982	164	2304	0.231	ug/L	91
49) Dibromochloromethane	7.976	129	2237	0.238	ug/L #	9
53) m,p-Xylene	9.146	106	2076	0.102	ug/L	91
61) 1,2,3-Trichloropropane	10.918	75	897	0.162	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.542	105	3684	0.102	ug/L	98
63) 1,2,4-Trimethylbenzene	10.542	105	3684	0.103	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.246	75	503	0.513	ug/L #	17

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QLast Update : Thu Jun 16 01:38:03 2022
Response via : Initial Calibration

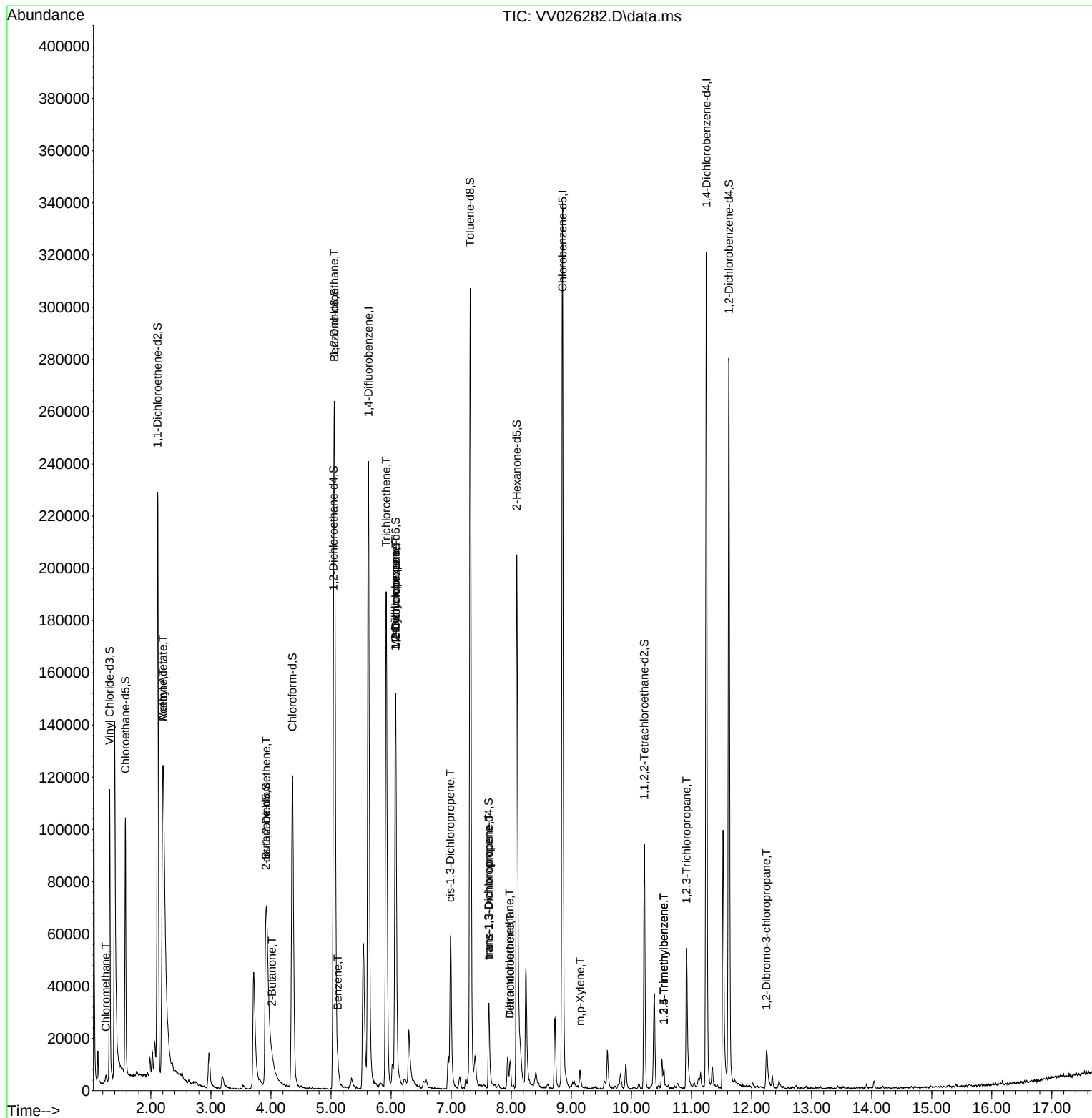
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

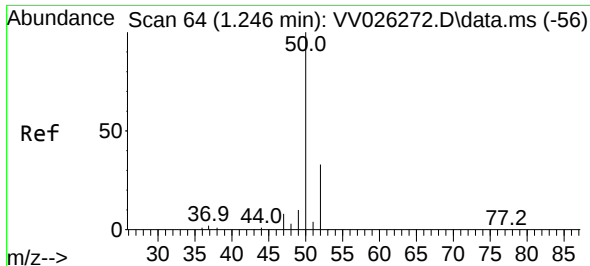
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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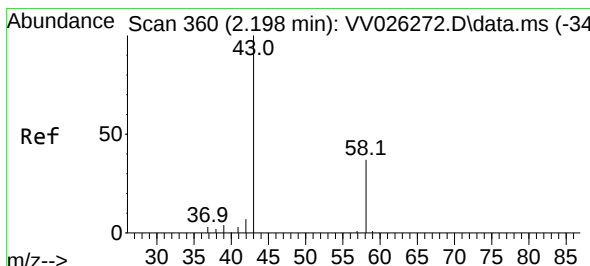
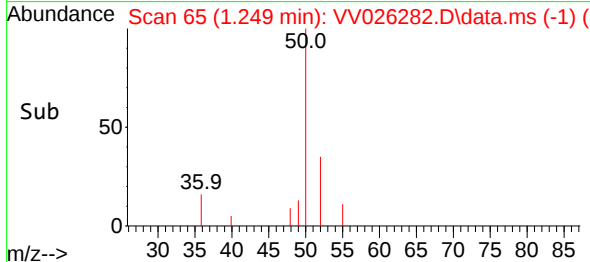
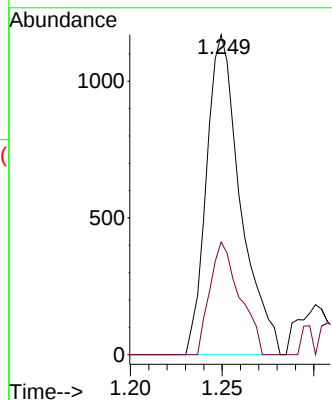
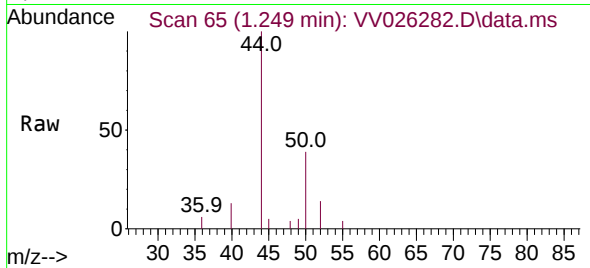




#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.249 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026282.D
Acq: 15 Jun 2022 16:57

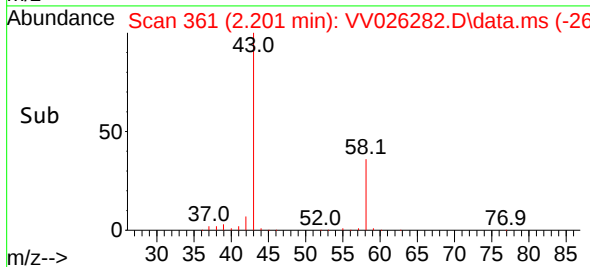
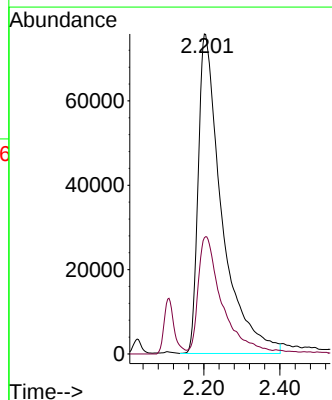
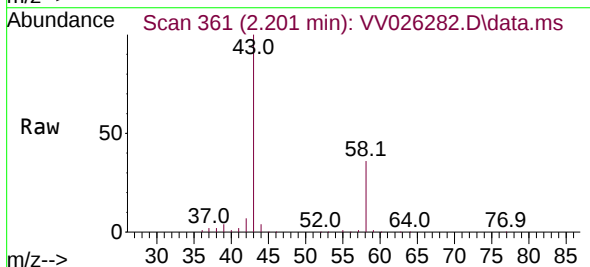
Instrument :
MSVOA_V
ClientSampleId :
C0BD6

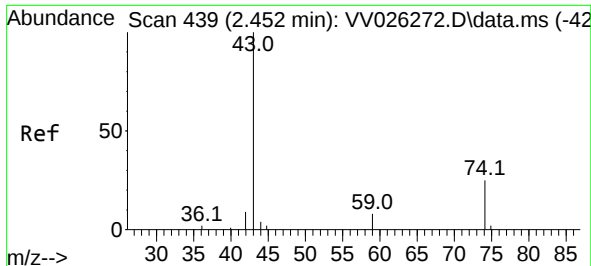
Tgt Ion: 50 Resp: 1509
Ion Ratio Lower Upper
50 100
52 35.2 23.7 44.1



#13
Acetone
Concen: 235.813 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.003 min
Lab File: VV026282.D
Acq: 15 Jun 2022 16:57

Tgt Ion: 43 Resp: 325472
Ion Ratio Lower Upper
43 100
58 35.2 0.0 60.0

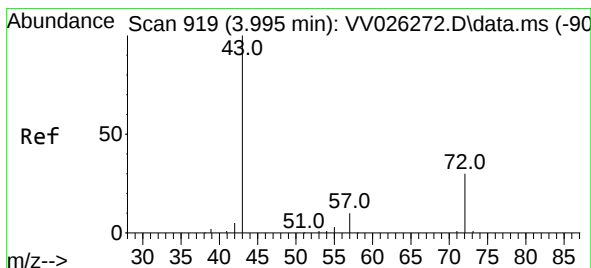
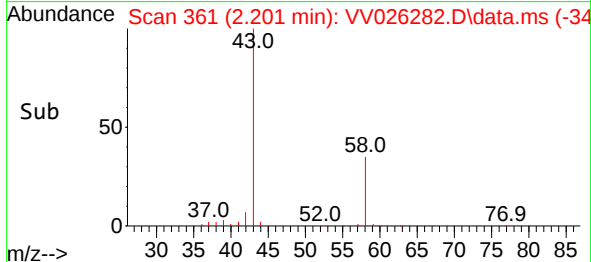
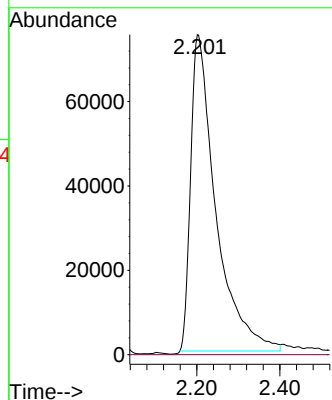
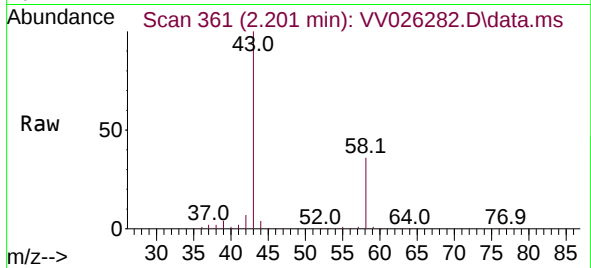




#15
Methyl Acetate
Concen: 95.047 ug/L
RT: 2.201 min Scan# 31
Delta R.T. -0.251 min
Lab File: VV026282.D
Acq: 15 Jun 2022 16:57

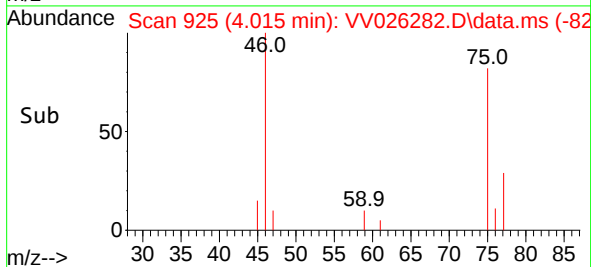
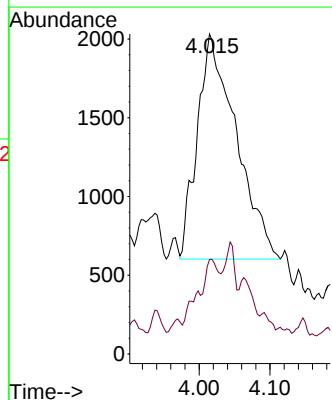
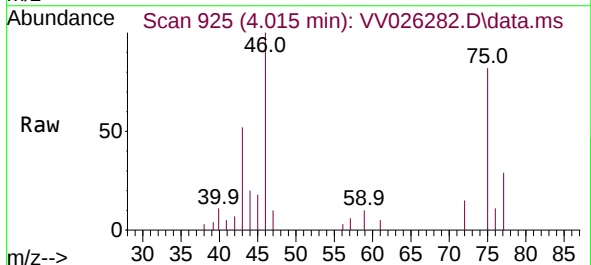
Instrument :
MSVOA_V
ClientSampleId :
C0BD6

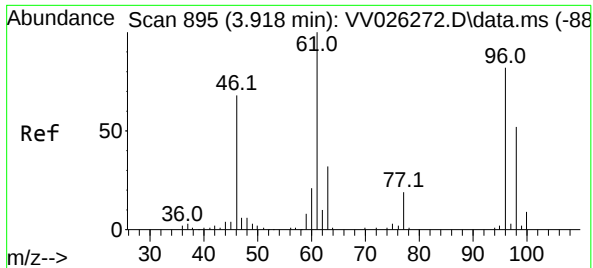
Tgt Ion: 43 Resp: 314763
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#21
2-Butanone
Concen: 3.045 ug/L
RT: 4.015 min Scan# 925
Delta R.T. 0.019 min
Lab File: VV026282.D
Acq: 15 Jun 2022 16:57

Tgt Ion: 43 Resp: 5438
Ion Ratio Lower Upper
43 100
72 15.2 12.7 38.0

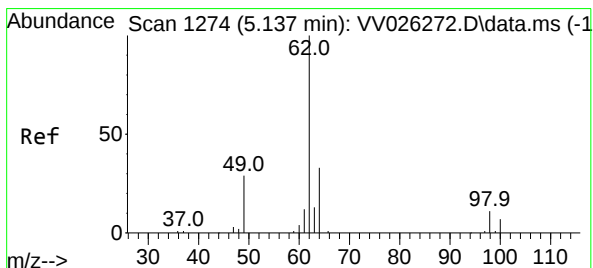
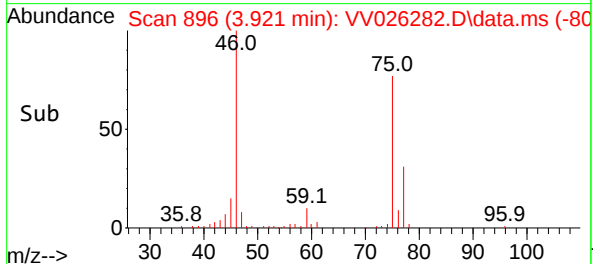
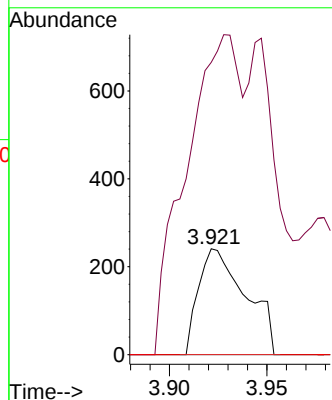
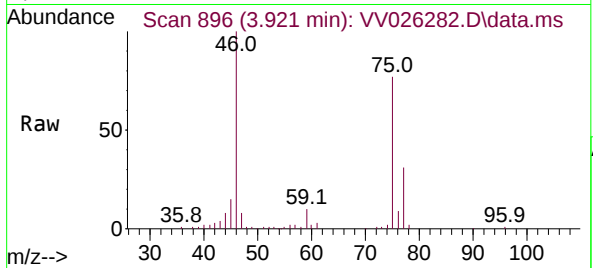




#22
 cis-1,2-Dichloroethene
 Concen: 0.031 ug/L
 RT: 3.921 min Scan# 895
 Delta R.T. 0.003 min
 Lab File: VV026282.D
 Acq: 15 Jun 2022 16:57

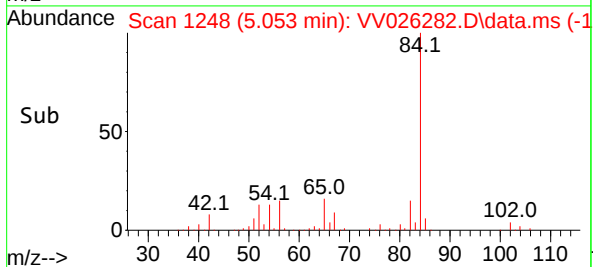
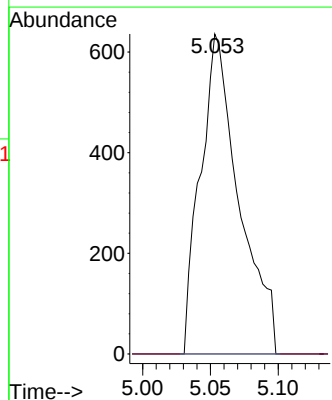
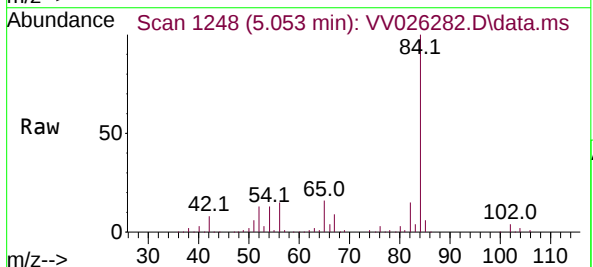
Instrument :
 MSVOA_V
 ClientSampleId :
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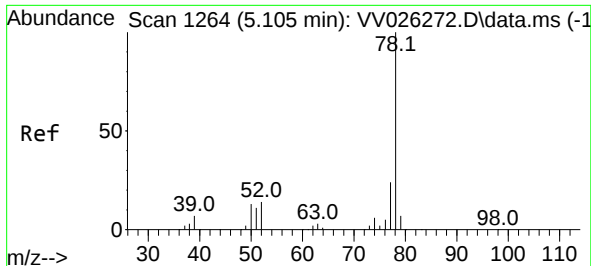
Tgt Ion: 96 Resp: 408
 Ion Ratio Lower Upper
 96 100
 61 275.9 83.6 155.2#
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.104 ug/L
 RT: 5.053 min Scan# 1248
 Delta R.T. -0.084 min
 Lab File: VV026282.D
 Acq: 15 Jun 2022 16:57

Tgt Ion: 62 Resp: 1263
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.6 13.0#

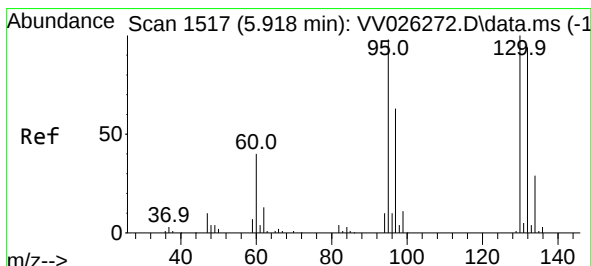
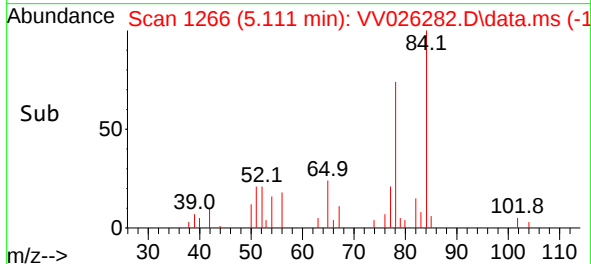
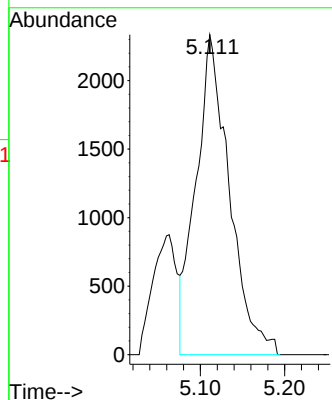
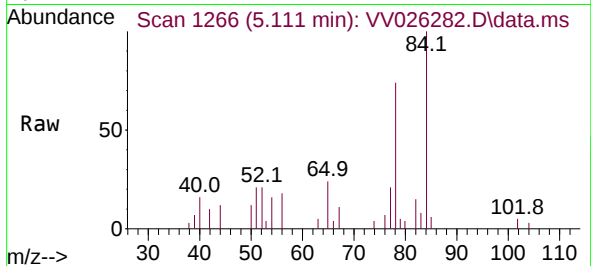




#33
Benzene
Concen: 0.130 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VV026282.D
Acq: 15 Jun 2022 16:57

Instrument :
MSVOA_V
ClientSampleId :
C0BD6

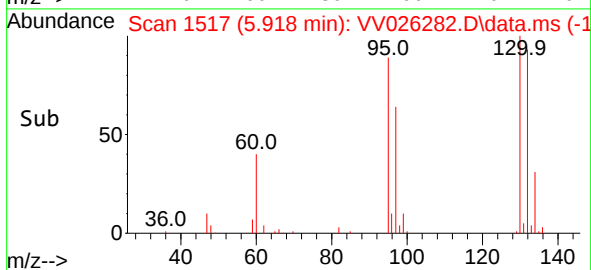
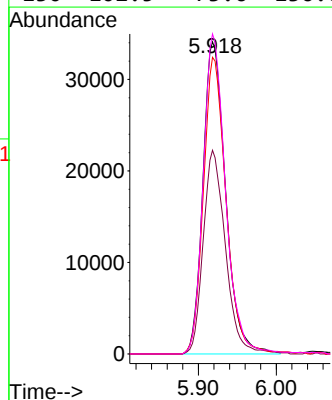
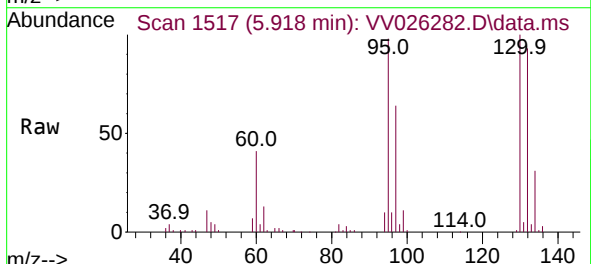
Tgt Ion: 78 Resp: 6438

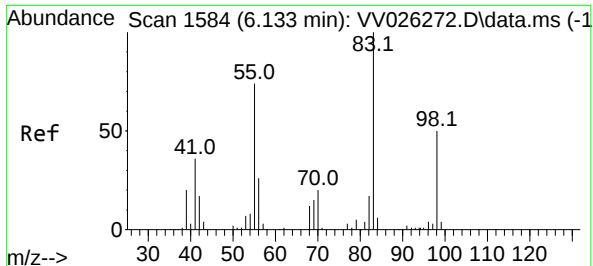


#34
Trichloroethene
Concen: 5.130 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026282.D
Acq: 15 Jun 2022 16:57

Tgt Ion: 95 Resp: 69214

Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.5	86.3
132	95.0	68.8	127.8
130	102.5	73.6	136.6





#35

Methylcyclohexane

Concen: 0.967 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV026282.D

Acq: 15 Jun 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

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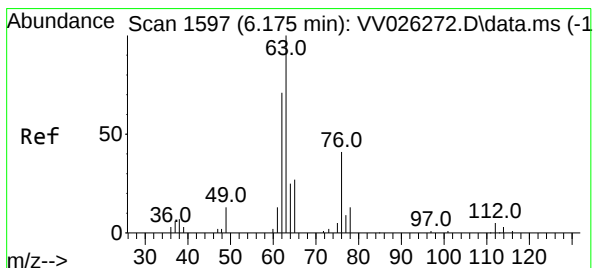
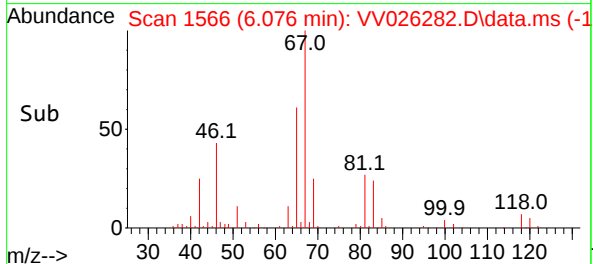
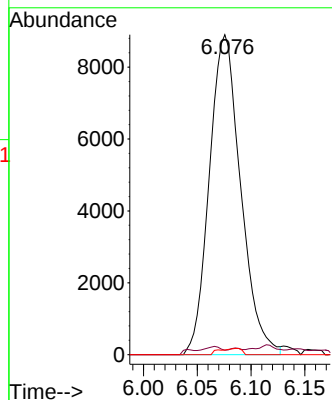
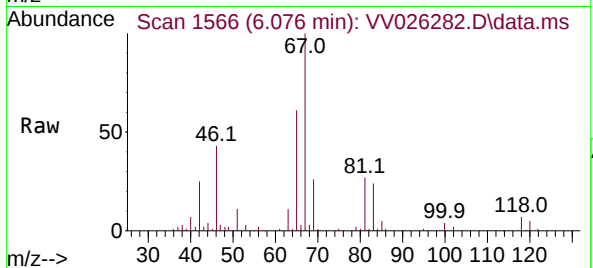
Tgt Ion: 83 Resp: 18040

Ion Ratio Lower Upper

83 100

55 0.7 59.3 88.9#

98 1.4 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV026282.D

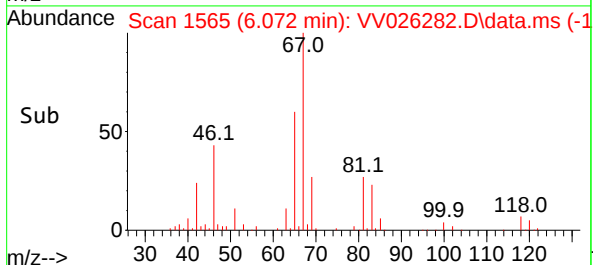
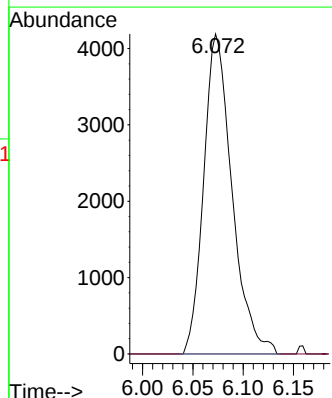
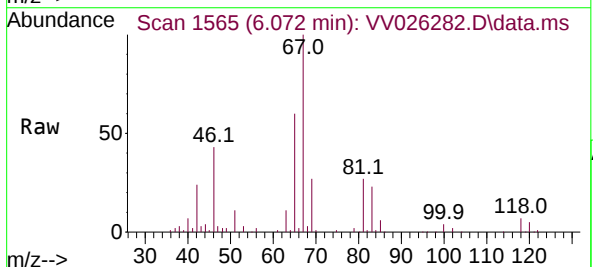
Acq: 15 Jun 2022 16:57

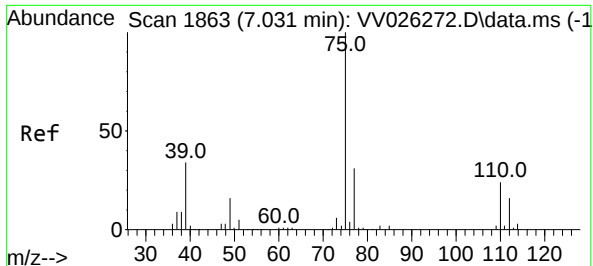
Tgt Ion: 63 Resp: 8208

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV026282.D

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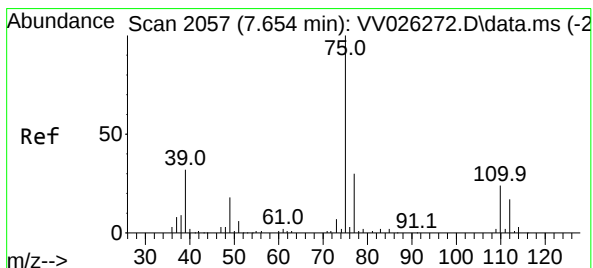
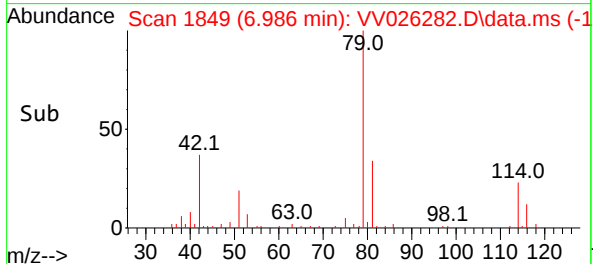
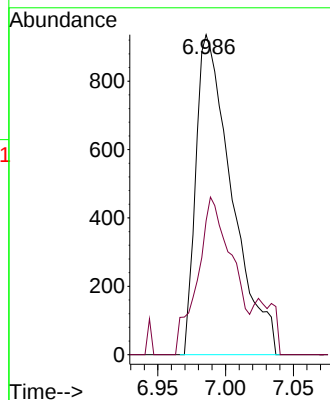
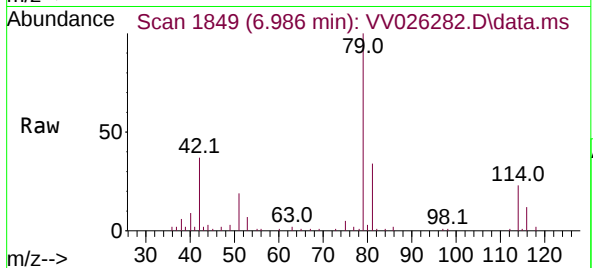
C0BD6

Tgt Ion: 75 Resp: 1721

Ion Ratio Lower Upper

75 100

77 41.9 23.0 42.6



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.026 min

Lab File: VV026282.D

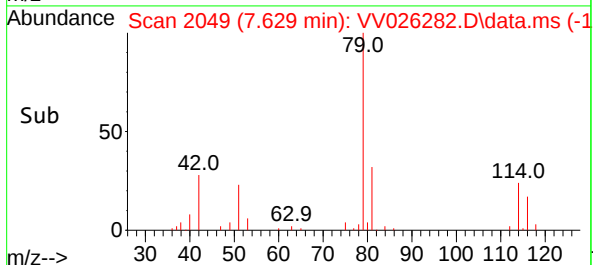
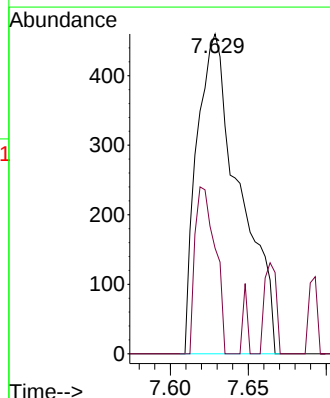
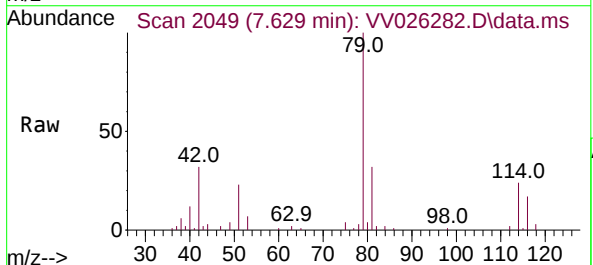
Acq: 15 Jun 2022 16:57

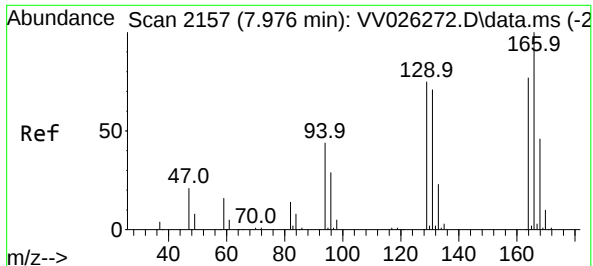
Tgt Ion: 75 Resp: 878

Ion Ratio Lower Upper

75 100

77 33.0 23.7 43.9





#47

Tetrachloroethene

Concen: 0.231 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026282.D

Acq: 15 Jun 2022 16:57

Instrument :

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ClientSampleId :

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Tgt Ion:164 Resp: 2304

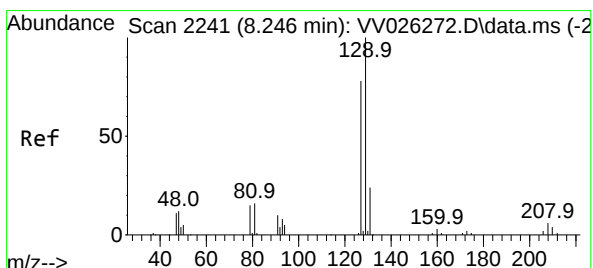
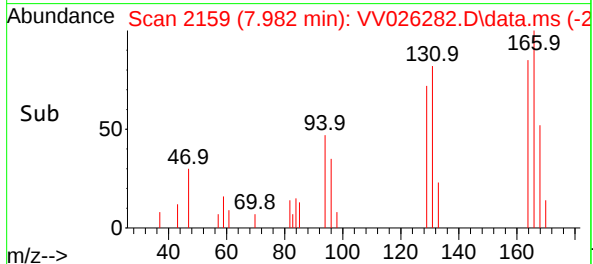
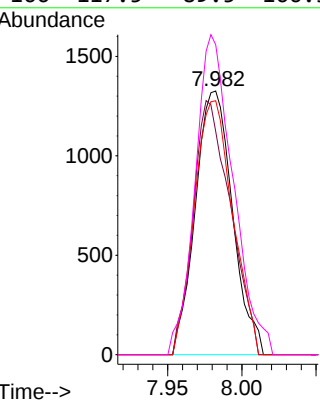
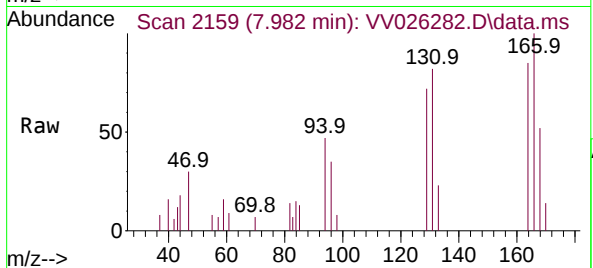
Ion Ratio Lower Upper

164 100

129 84.6 67.5 125.3

131 96.3 63.8 118.4

166 117.5 89.5 166.3



#49

Dibromochloromethane

Concen: 0.238 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026282.D

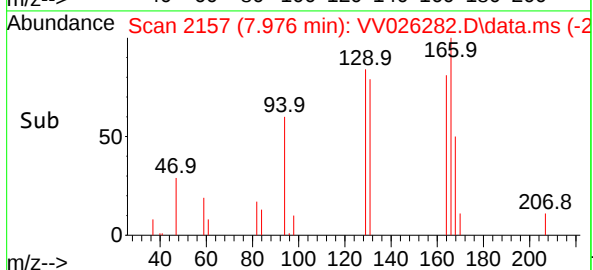
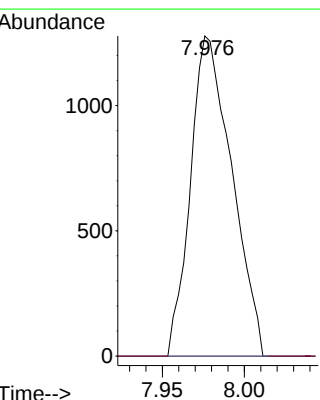
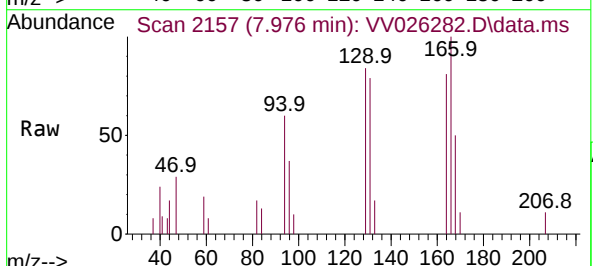
Acq: 15 Jun 2022 16:57

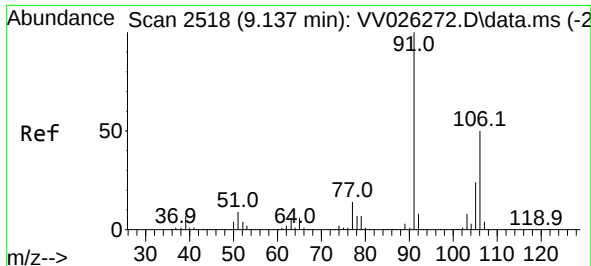
Tgt Ion:129 Resp: 2237

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

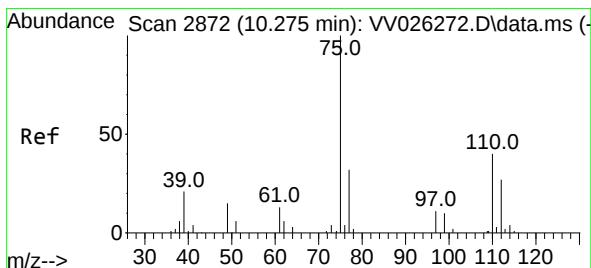
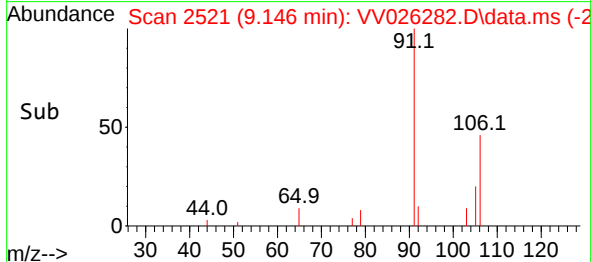
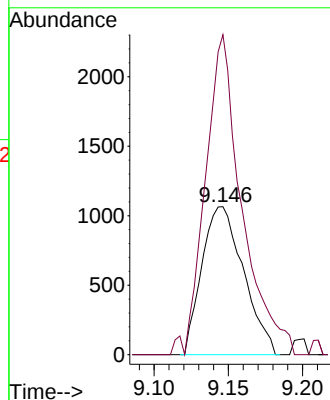
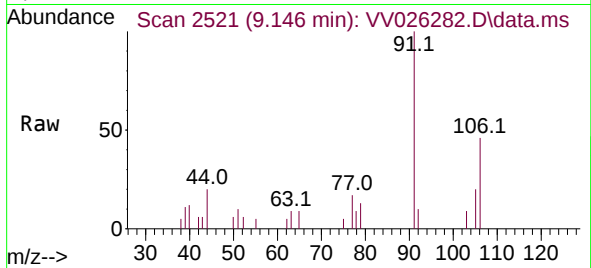




#53
m,p-Xylene
Concen: 0.102 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV026282.D
Acq: 15 Jun 2022 16:57

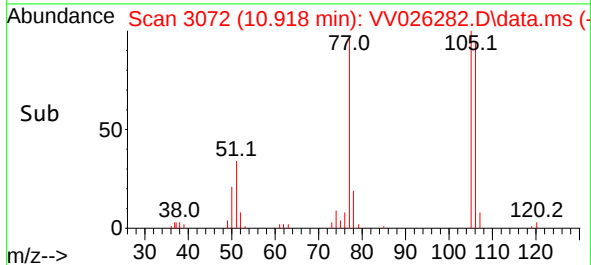
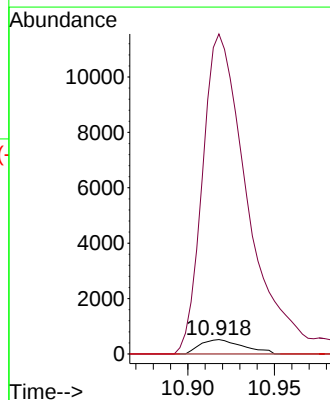
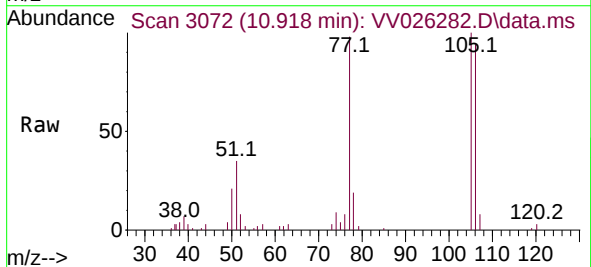
Instrument :
MSVOA_V
ClientSampleId :
C0BD6

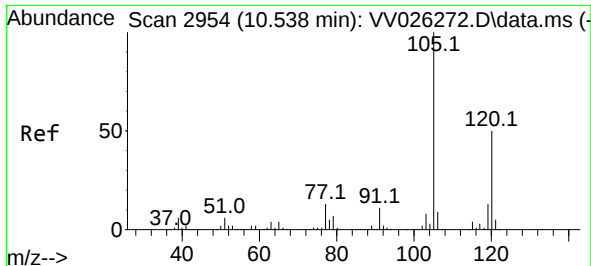
Tgt Ion:106 Resp: 2076
Ion Ratio Lower Upper
106 100
91 216.2 141.3 262.3



#61
1,2,3-Trichloropropane
Concen: 0.162 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.643 min
Lab File: VV026282.D
Acq: 15 Jun 2022 16:57

Tgt Ion: 75 Resp: 897
Ion Ratio Lower Upper
75 100
77 2458.9 26.9 40.3#
110 7.9 30.7 46.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.102 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.003 min

Lab File: VV026282.D

Acq: 15 Jun 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

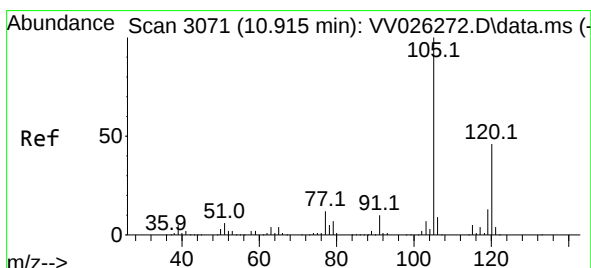
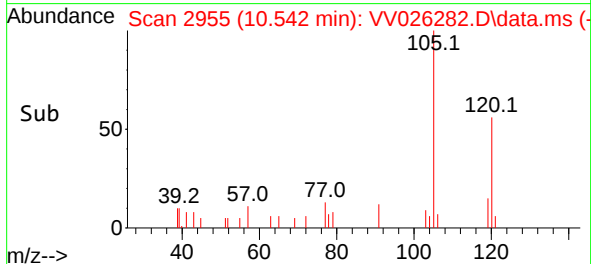
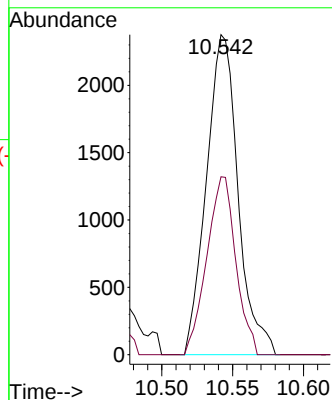
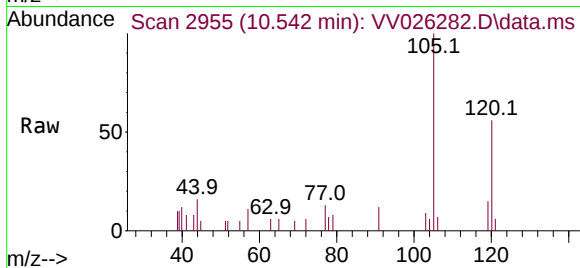
C0BD6

Tgt Ion:105 Resp: 3684

Ion Ratio Lower Upper

105 100

120 51.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.103 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. -0.373 min

Lab File: VV026282.D

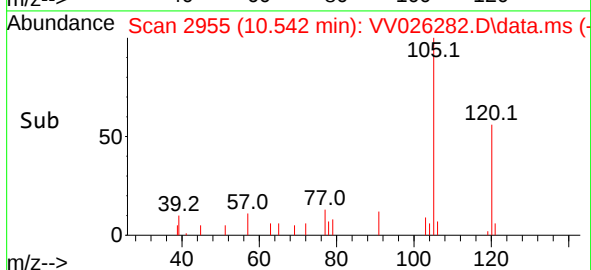
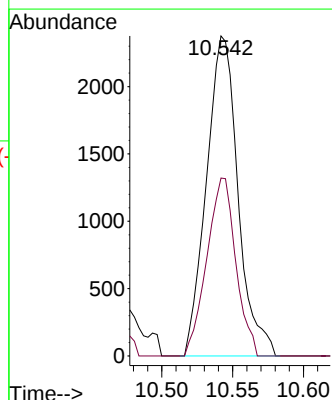
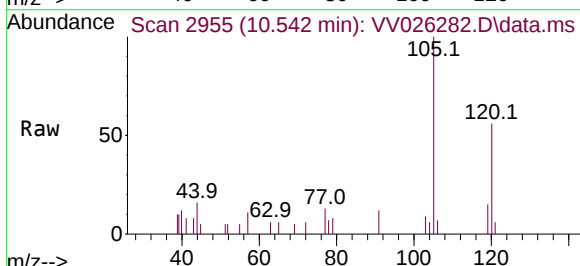
Acq: 15 Jun 2022 16:57

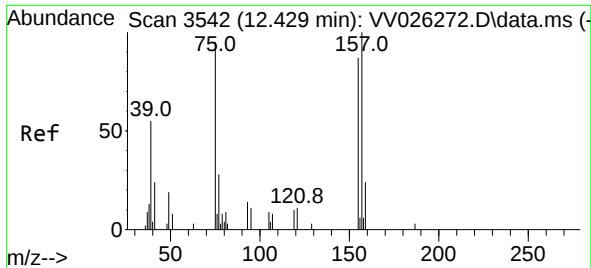
Tgt Ion:105 Resp: 3684

Ion Ratio Lower Upper

105 100

120 51.0 36.9 55.3





#68

1,2-Dibromo-3-chloropropane

Concen: 0.513 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.183 min

Lab File: VV026282.D

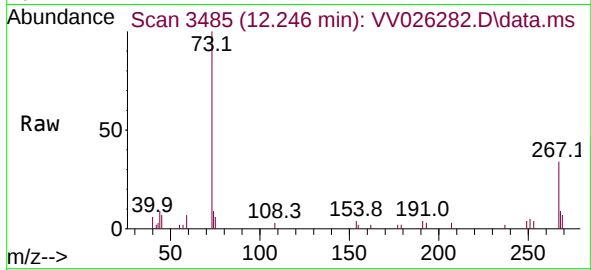
Acq: 15 Jun 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

C0BD6



Tgt Ion: 75 Resp: 503

Ion Ratio Lower Upper

75 100

155 30.1 63.7 95.5#

157 0.0 85.0 127.6#

