

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025393.D
 Acq On : 07 Apr 2022 18:25
 Operator : SY/MD
 Sample : N2291-05DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B32DL

Quant Time: Apr 08 01:24:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	156115	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145490	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77554	5.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 106.400%	
7) Chloroethane-d5	1.568	69	87934	7.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 143.600%#	
11) 1,1-Dichloroethene-d2	2.105	63	113663	3.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 72.000%	
20) 2-Butanone-d5	3.892	46	86576	59.601	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 119.200%	
24) Chloroform-d	4.349	84	107365	5.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 112.800%	
26) 1,2-Dichloroethane-d4	5.034	65	51319	6.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 122.000%	
32) Benzene-d6	5.050	84	235425	6.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 128.000%#	
36) 1,2-Dichloropropane-d6	6.069	67	65158	6.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 126.400%	
41) Toluene-d8	7.317	98	207852	6.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 123.200%	
43) trans-1,3-Dichloroprop...	7.625	79	19032	5.656	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 113.200%	
46) 2-Hexanone-d5	8.092	63	73649	60.597	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 121.200%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39465	5.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 114.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	70854	6.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 127.800%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	2091	0.114	ug/L	89
6) Bromomethane	1.526	94	983	0.081	ug/L	95
9) Trichlorofluoromethane	1.748	101	68754	2.476	ug/L	99
16) Methylene chloride	2.507	84	3004	0.243	ug/L	96
22) cis-1,2-Dichloroethene	3.909	96	2277	0.199	ug/L	86
25) Chloroform	4.378	83	3094	0.148	ug/L	84
27) 1,2-Dichloroethane	5.050	62	1237	0.115	ug/L #	73
31) Carbon tetrachloride	4.825	117	1155	0.076	ug/L #	78
34) Trichloroethene	5.918	95	19055	1.626	ug/L	96
35) Methylcyclohexane	6.069	83	16109	0.877	ug/L #	22
37) 1,2-Dichloropropane	6.076	63	7372	0.745	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1810	0.141	ug/L #	37
44) trans-1,3-Dichloropropene	7.629	75	926	0.092	ug/L	100
47) Tetrachloroethene	7.976	164	83343	9.645	ug/L	95
49) Dibromochloromethane	7.973	129	76312	10.462	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8533	1.633	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.918	105	627	0.031	ug/L	93

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 08 01:19:10 2022
Response via : Initial Calibration

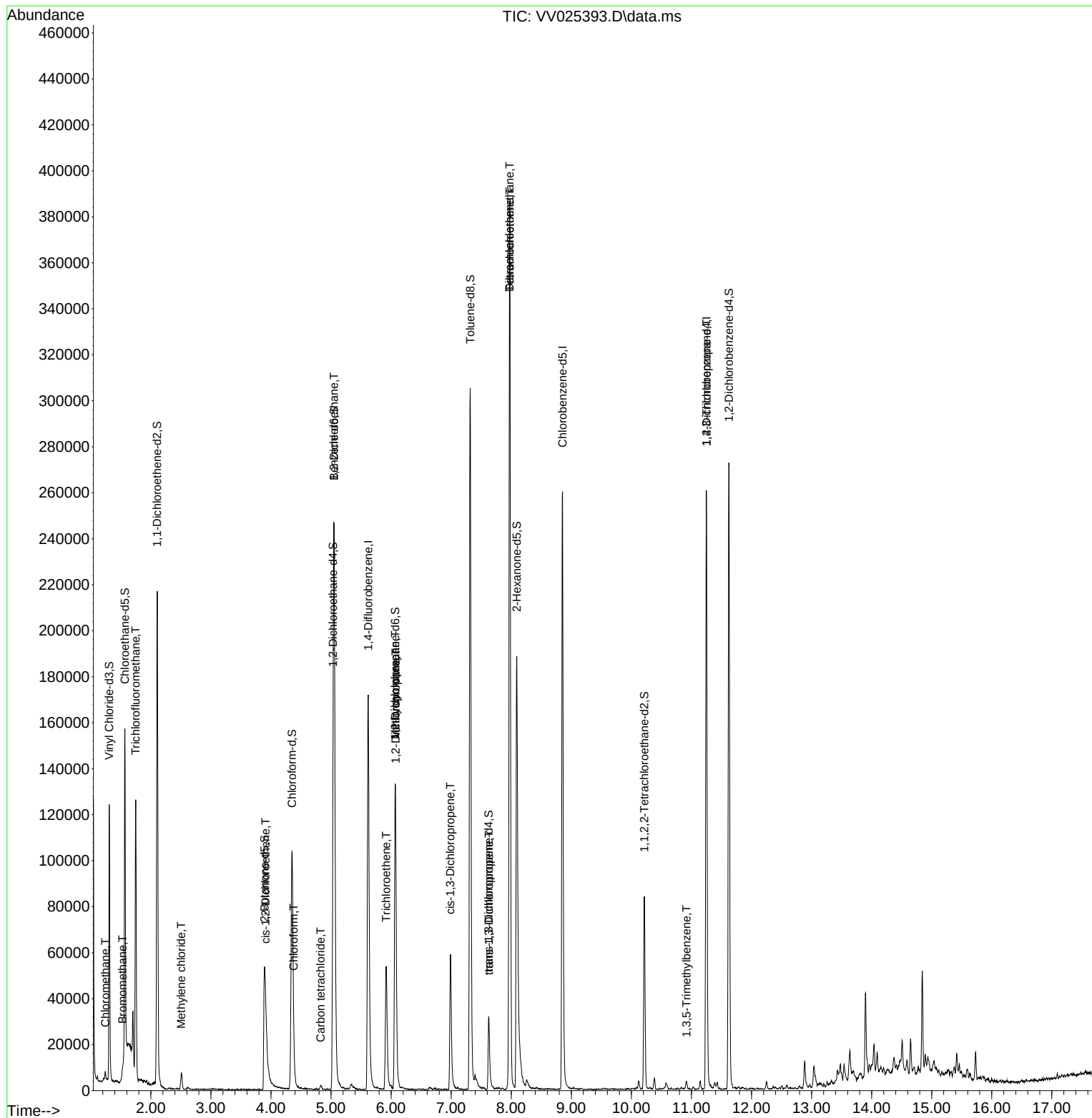
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

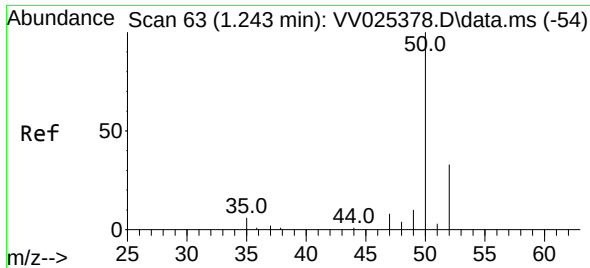
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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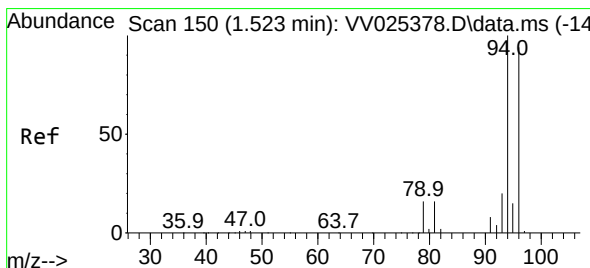
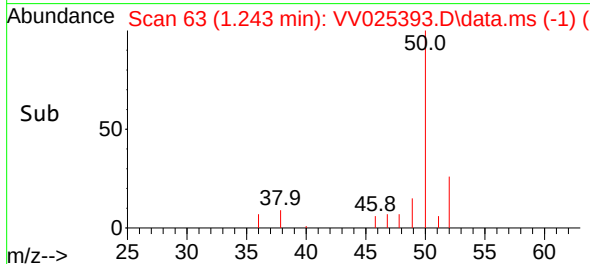
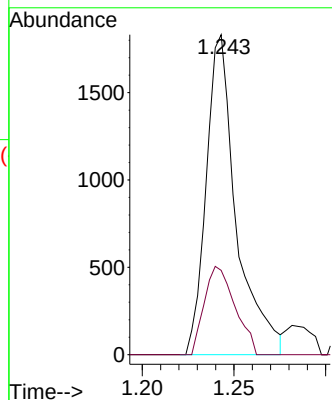
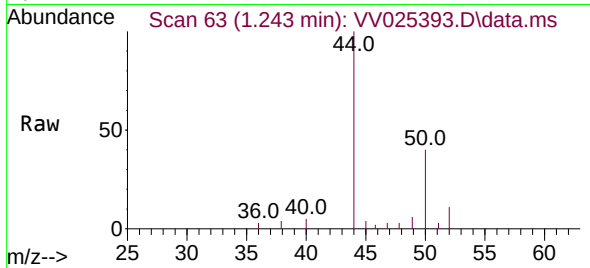




#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025393.D
Acq: 07 Apr 2022 18:25

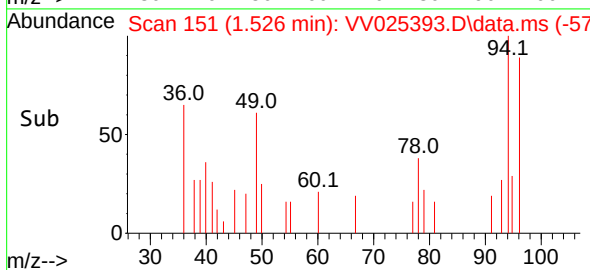
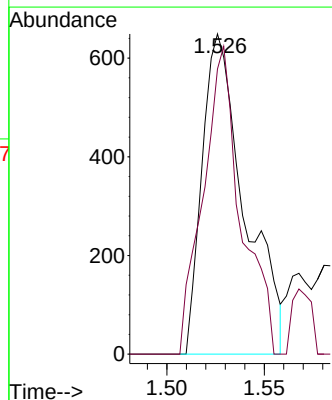
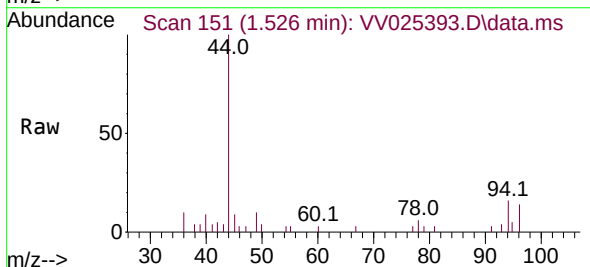
Instrument :
MSVOA_V
ClientSampleId :
C0B32DL

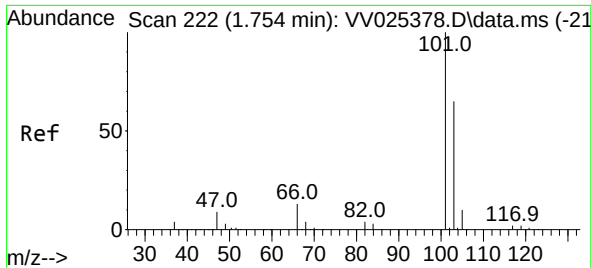
Tgt Ion: 50 Resp: 2091
Ion Ratio Lower Upper
50 100
52 26.4 22.9 42.5



#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV025393.D
Acq: 07 Apr 2022 18:25

Tgt Ion: 94 Resp: 983
Ion Ratio Lower Upper
94 100
96 89.1 65.5 121.7

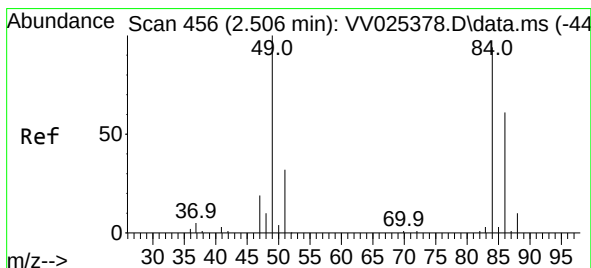
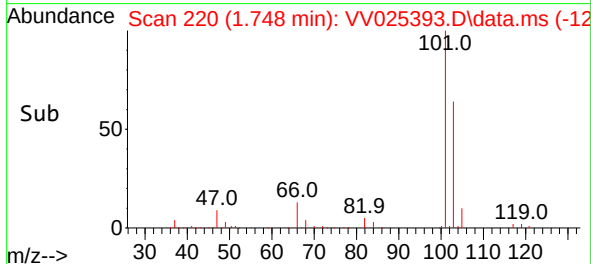
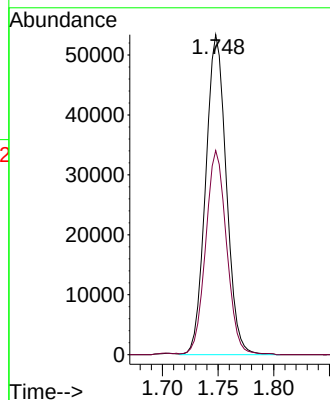
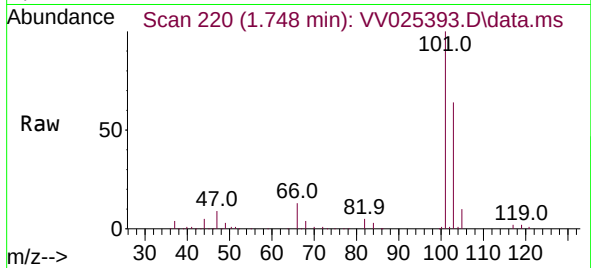




#9
Trichlorofluoromethane
Concen: 2.476 ug/L
RT: 1.748 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV025393.D
Acq: 07 Apr 2022 18:25

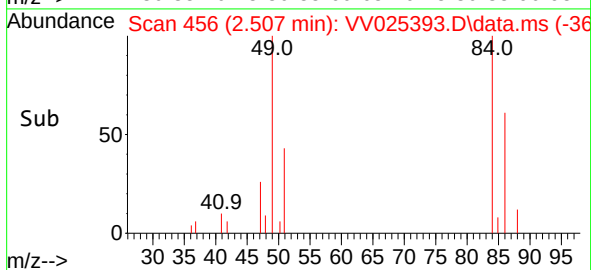
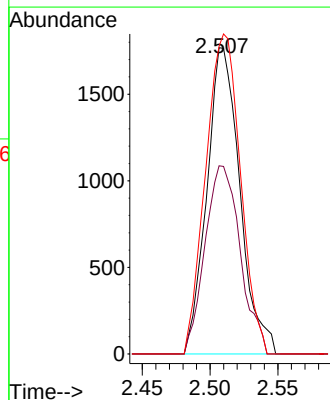
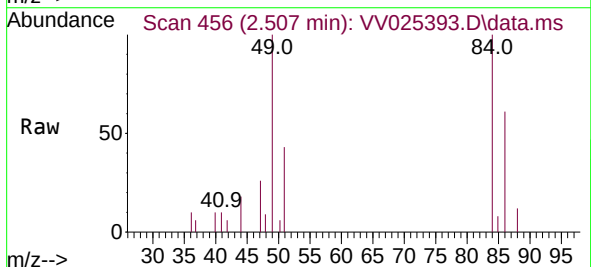
Instrument :
MSVOA_V
ClientSampleId :
C0B32DL

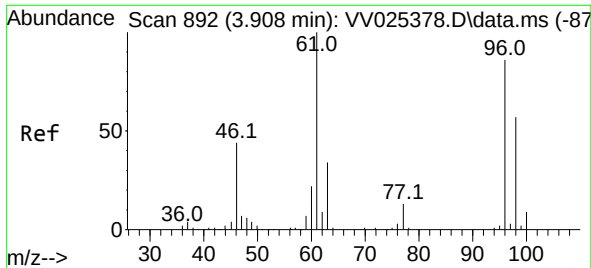
Tgt Ion:101 Resp: 68754
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2



#16
Methylene chloride
Concen: 0.243 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025393.D
Acq: 07 Apr 2022 18:25

Tgt Ion: 84 Resp: 3004
Ion Ratio Lower Upper
84 100
86 61.4 43.5 80.7
49 100.5 74.5 138.3

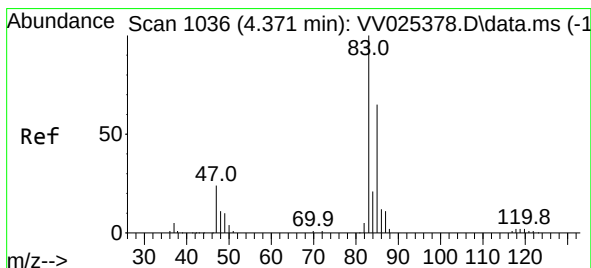
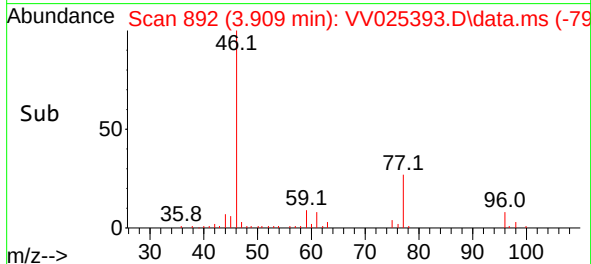
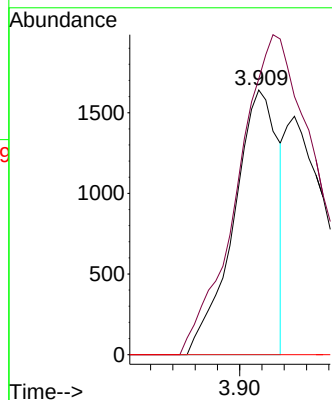
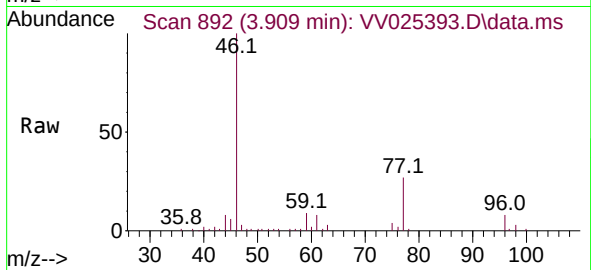




#22
 cis-1,2-Dichloroethene
 Concen: 0.199 ug/L
 RT: 3.909 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV025393.D
 Acq: 07 Apr 2022 18:25

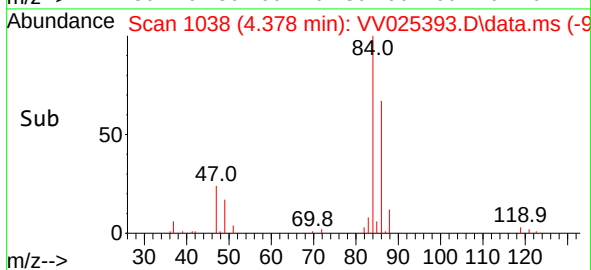
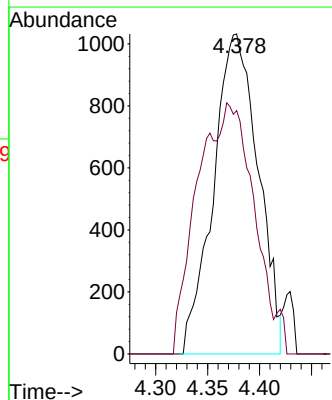
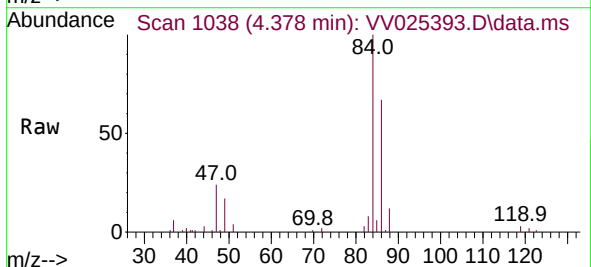
Instrument :
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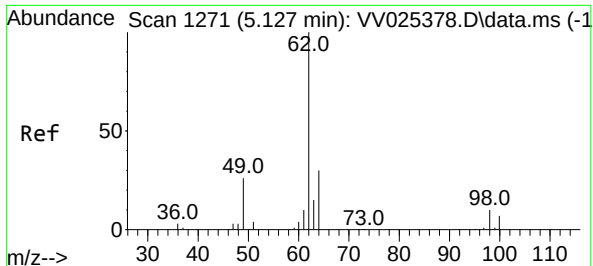
Tgt Ion: 96 Resp: 2277
 Ion Ratio Lower Upper
 96 100
 61 104.1 84.1 156.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.148 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.007 min
 Lab File: VV025393.D
 Acq: 07 Apr 2022 18:25

Tgt Ion: 83 Resp: 3094
 Ion Ratio Lower Upper
 83 100
 85 76.1 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.115 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV025393.D

Acq: 07 Apr 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

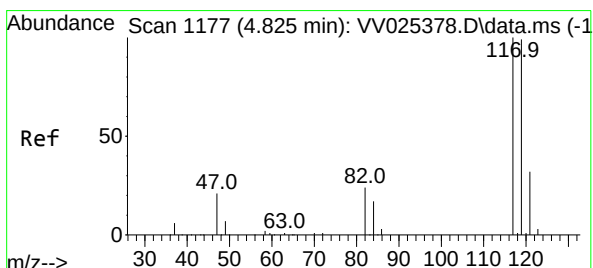
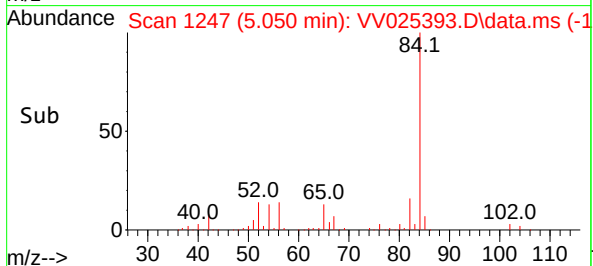
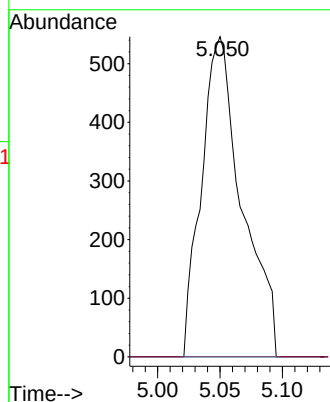
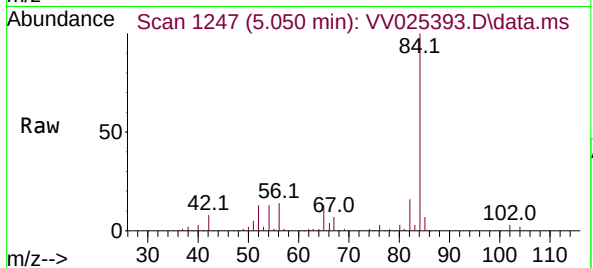
C0B32DL

Tgt Ion: 62 Resp: 1237

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#31

Carbon tetrachloride

Concen: 0.076 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VV025393.D

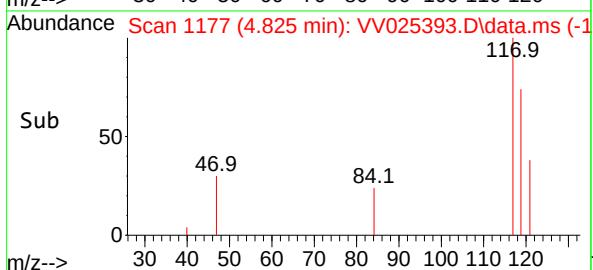
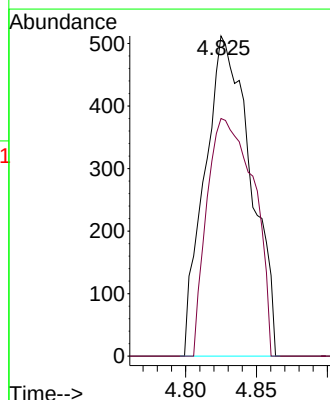
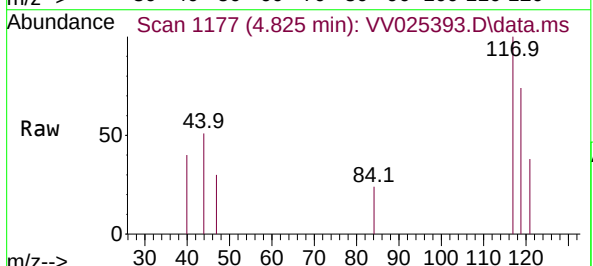
Acq: 07 Apr 2022 18:25

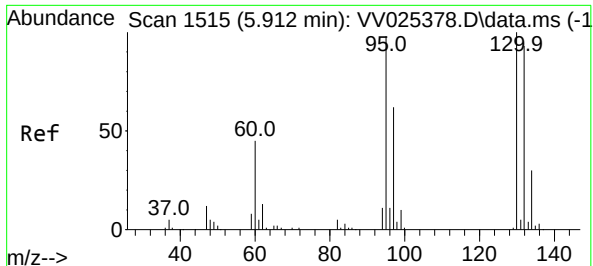
Tgt Ion: 117 Resp: 1155

Ion Ratio Lower Upper

117 100

119 75.5 77.8 116.6#

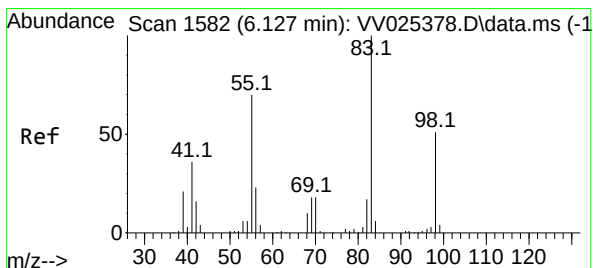
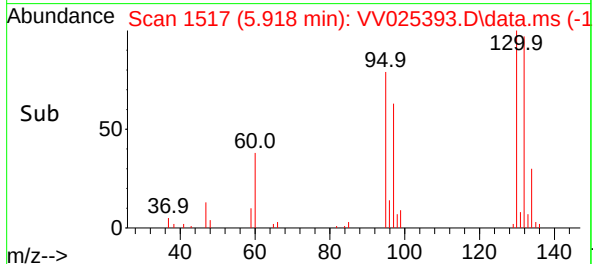
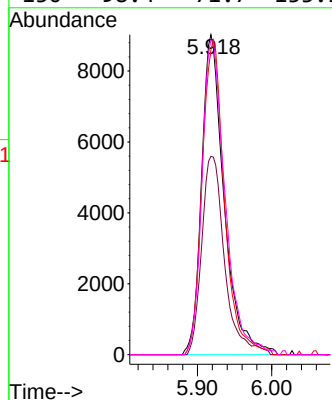
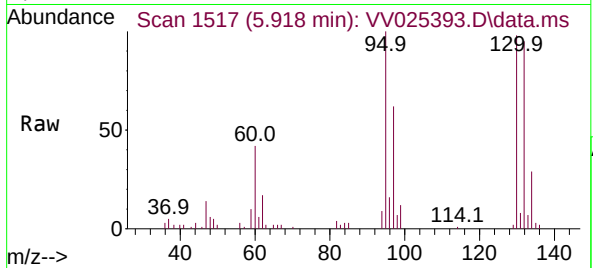




#34
Trichloroethene
Concen: 1.626 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VV025393.D
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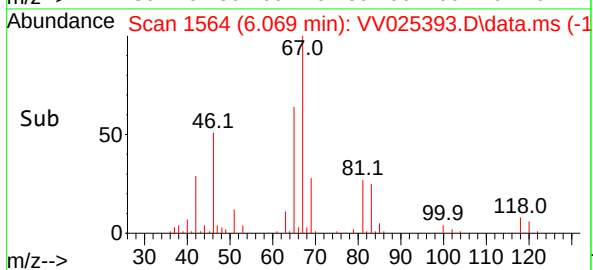
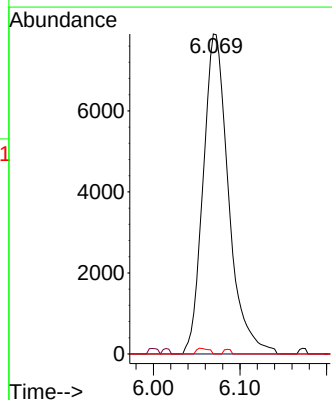
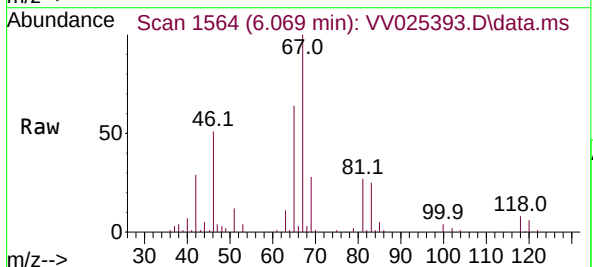
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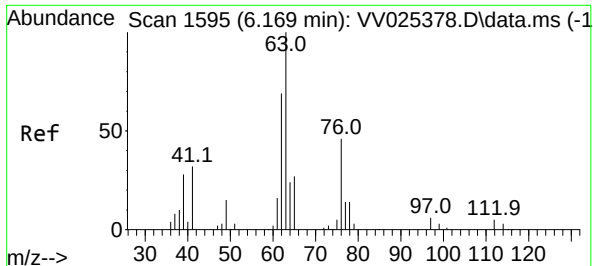
Tgt Ion: 95 Resp: 19055
Ion Ratio Lower Upper
95 100
97 62.0 46.3 85.9
132 95.2 65.2 121.2
130 98.4 71.7 133.1



#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025393.D
Acq: 07 Apr 2022 18:25

Tgt Ion: 83 Resp: 16109
Ion Ratio Lower Upper
83 100
55 0.4 54.6 81.8#
98 0.8 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.745 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV025393.D

Acq: 07 Apr 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

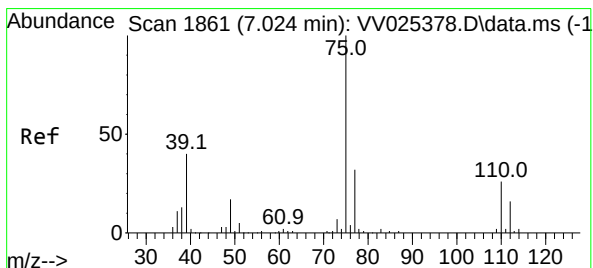
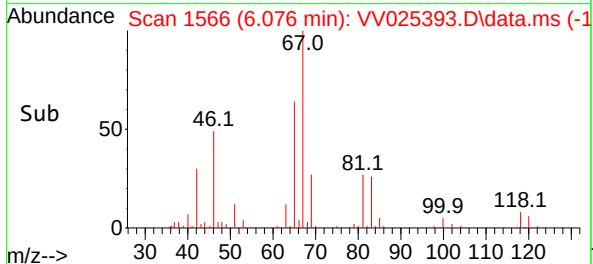
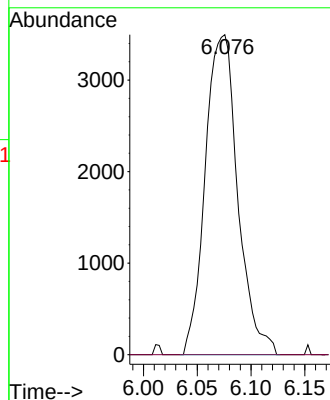
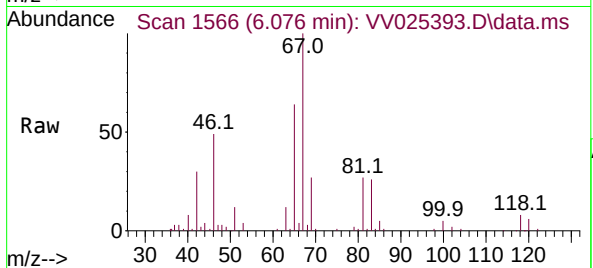
C0B32DL

Tgt Ion: 63 Resp: 7372

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.141 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV025393.D

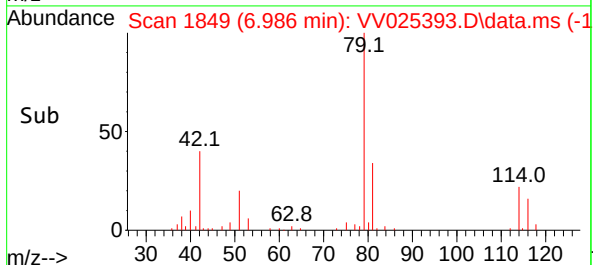
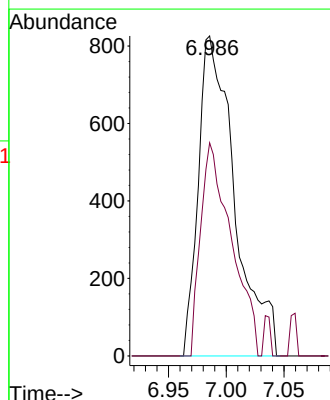
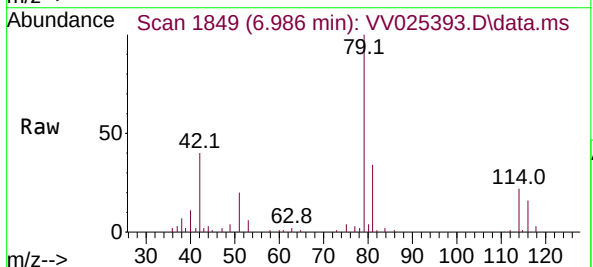
Acq: 07 Apr 2022 18:25

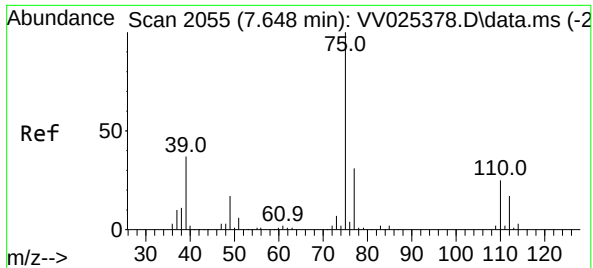
Tgt Ion: 75 Resp: 1810

Ion Ratio Lower Upper

75 100

77 66.6 22.1 41.1#

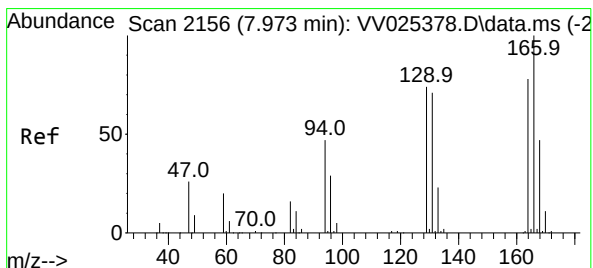
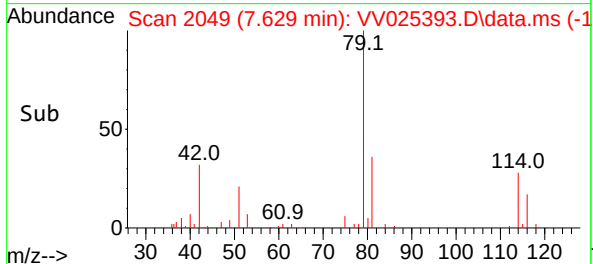
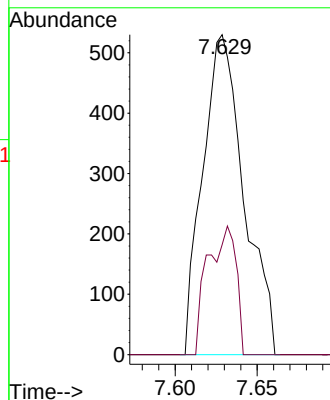
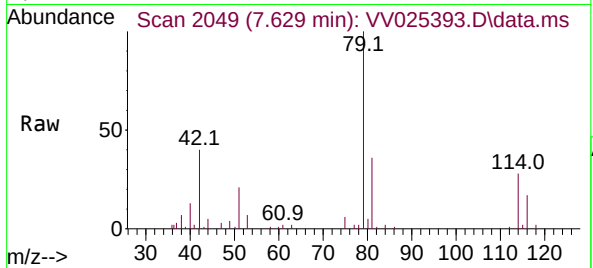




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.629 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VV025393.D
Acq: 07 Apr 2022 18:25

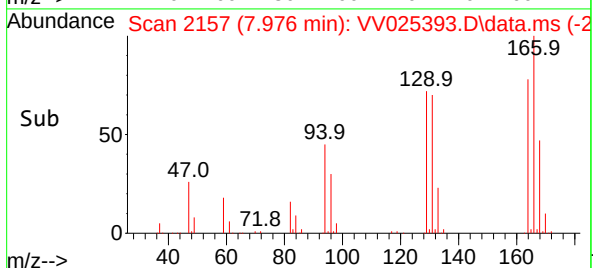
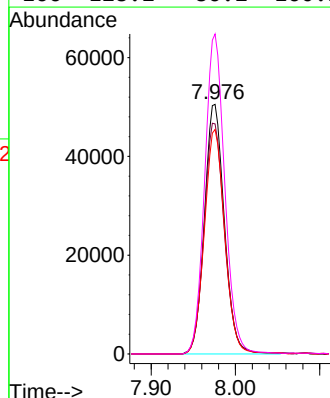
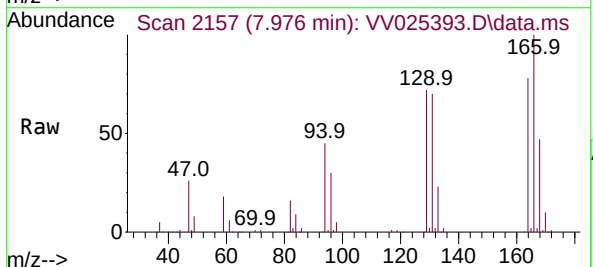
Instrument :
MSVOA_V
ClientSampleId :
C0B32DL

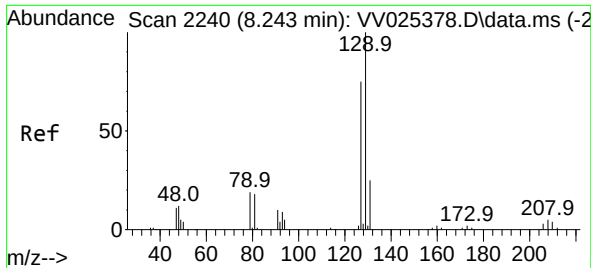
Tgt Ion: 75 Resp: 926
Ion Ratio Lower Upper
75 100
77 34.3 24.2 45.0



#47
Tetrachloroethene
Concen: 9.645 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025393.D
Acq: 07 Apr 2022 18:25

Tgt Ion:164 Resp: 83343
Ion Ratio Lower Upper
164 100
129 92.2 67.5 125.4
131 90.0 68.0 126.4
166 128.2 86.2 160.2

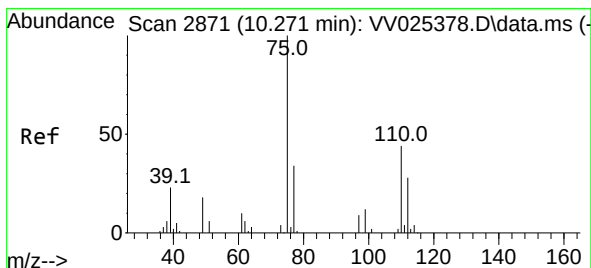
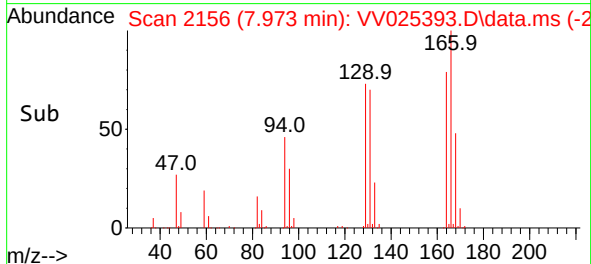
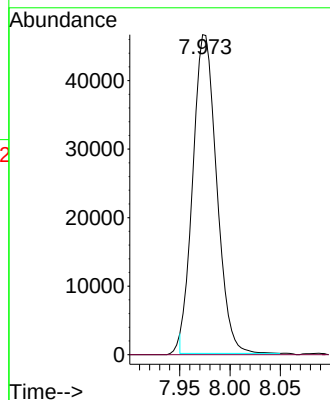
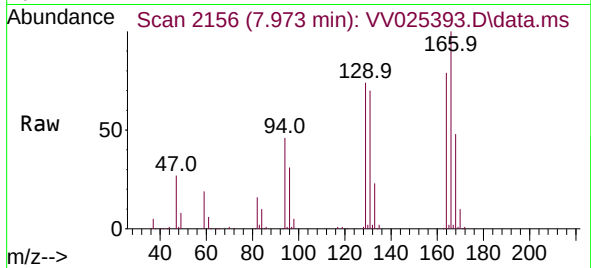




#49
Dibromochloromethane
Concen: 10.462 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV025393.D
Acq: 07 Apr 2022 18:25

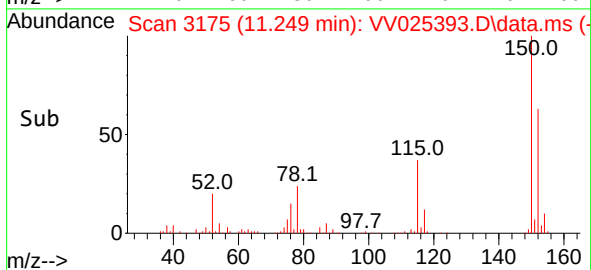
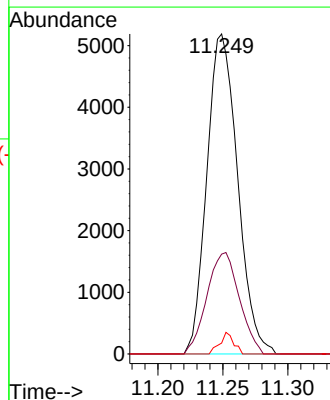
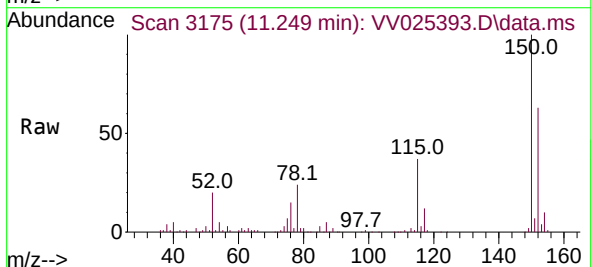
Instrument :
MSVOA_V
ClientSampleId :
C0B32DL

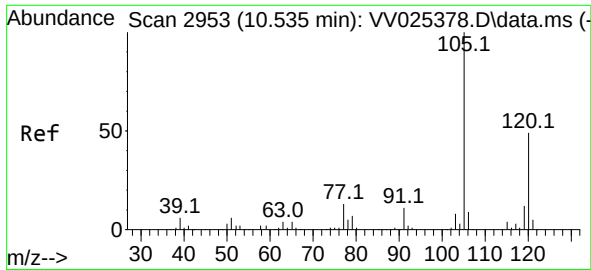
Tgt Ion:129 Resp: 76312
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#



#61
1,2,3-Trichloropropane
Concen: 1.633 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV025393.D
Acq: 07 Apr 2022 18:25

Tgt Ion: 75 Resp: 8533
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.6
110 3.0 31.6 47.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.031 ug/L

RT: 10.918 min Scan# 30

Delta R.T. 0.383 min

Lab File: VV025393.D

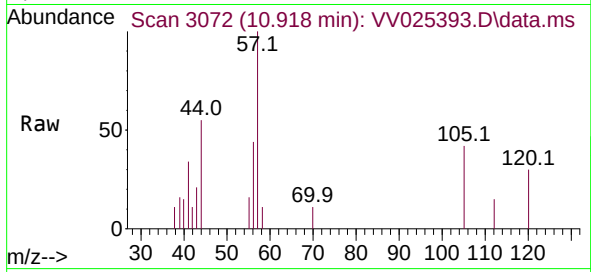
Acq: 07 Apr 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

C0B32DL



Tgt Ion:105 Resp: 627

Ion Ratio Lower Upper

105 100

120 44.7 39.7 59.5

