

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025389.D
 Acq On : 07 Apr 2022 16:52
 Operator : SY/MD
 Sample : N2291-01DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B28DL

Quant Time: Apr 08 01:23:20 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	156182	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	146195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	76439	5.240	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.571	69	69659	5.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.800%
11) 1,1-Dichloroethene-d2	2.111	63	112963	3.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.889	46	90741	62.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.880%
24) Chloroform-d	4.352	84	110638	5.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.200%
26) 1,2-Dichloroethane-d4	5.034	65	50012	5.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.800%
32) Benzene-d6	5.053	84	234227	6.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.600%#
36) 1,2-Dichloropropane-d6	6.072	67	65057	6.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.600%
41) Toluene-d8	7.317	98	206282	6.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.600%
43) trans-1,3-Dichloroprop...	7.625	79	20062	5.933	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	118.600%
46) 2-Hexanone-d5	8.088	63	73770	60.404	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39210	5.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	68647	6.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	135.600%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	34208	1.231	ug/L	98
16) Methylene chloride	2.510	84	2724	0.221	ug/L	96
22) cis-1,2-Dichloroethene	3.921	96	4043	0.353	ug/L	95
27) 1,2-Dichloroethane	5.050	62	1234	0.114	ug/L #	73
31) Carbon tetrachloride	4.838	117	512	0.033	ug/L	99
34) Trichloroethene	5.918	95	54430	4.623	ug/L	95
35) Methylcyclohexane	6.072	83	15806	0.857	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	7283	0.732	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1951	0.151	ug/L #	54
44) trans-1,3-Dichloropropene	7.625	75	815	0.080	ug/L	88
47) Tetrachloroethene	7.976	164	68617	7.903	ug/L	95
49) Dibromochloromethane	7.976	129	65351	8.917	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8352	1.750	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.255	75	143	0.167	ug/L #	1
71) Naphthalene	13.516	128	1576	0.095	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.750	180	805	0.088	ug/L #	77

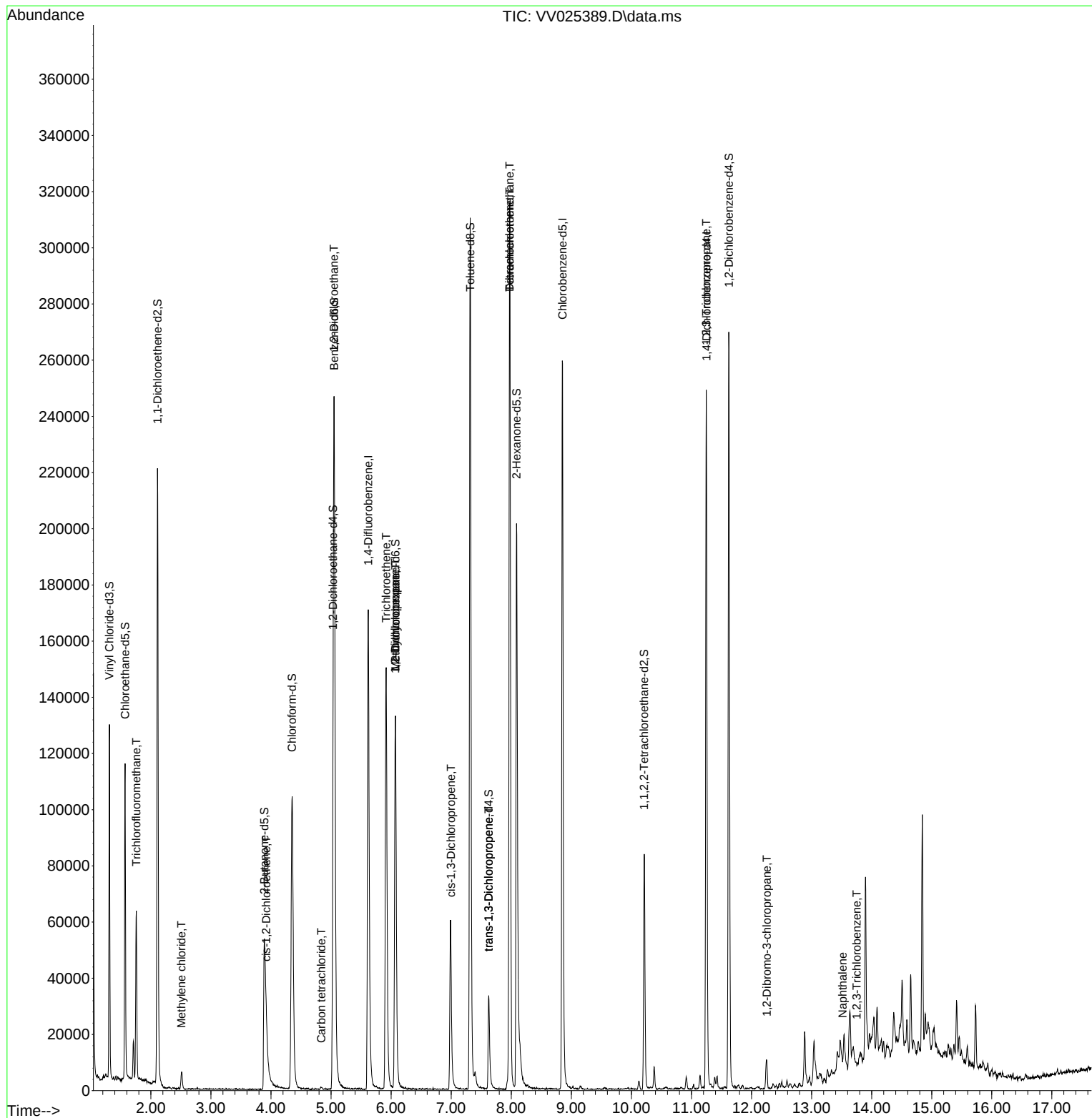
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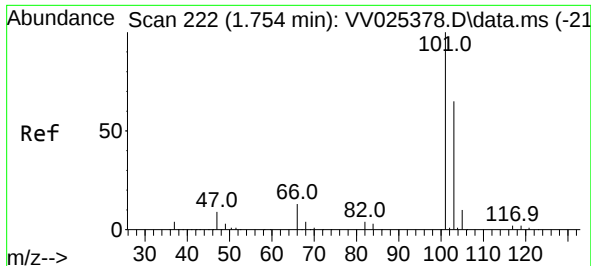
Instrument :
MSVOA_V
ClientSampleId :
C0B28DL

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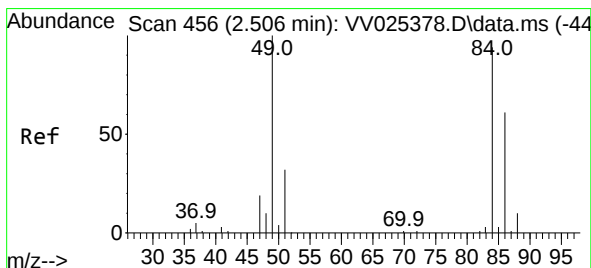
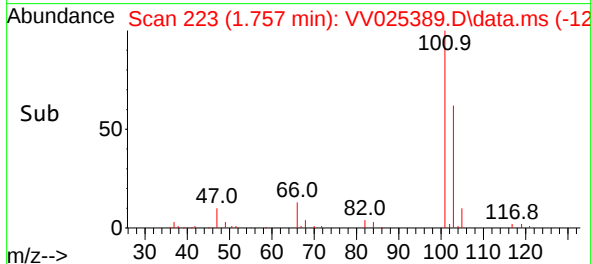
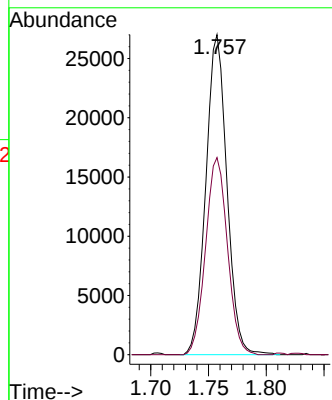
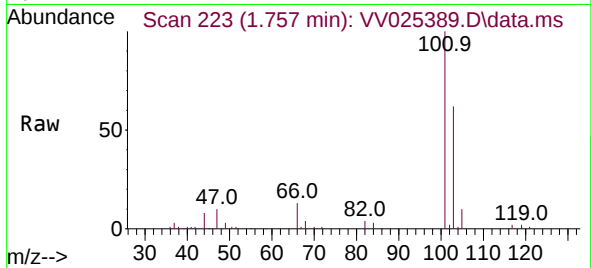




#9
Trichlorofluoromethane
Concen: 1.231 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025389.D
Acq: 07 Apr 2022 16:52

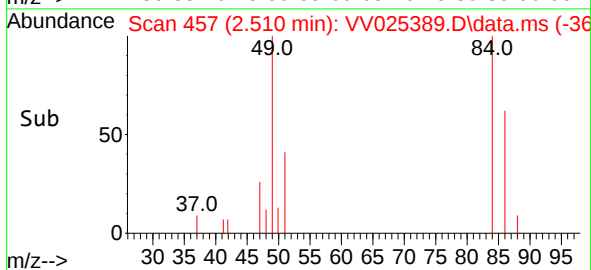
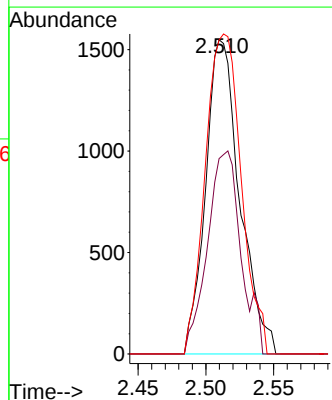
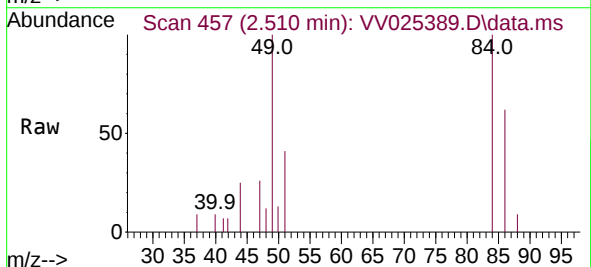
Instrument :
MSVOA_V
ClientSampleId :
C0B28DL

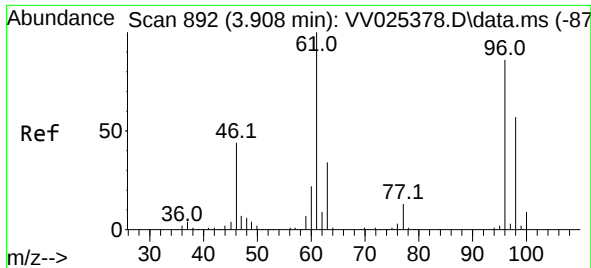
Tgt Ion:101 Resp: 34208
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2



#16
Methylene chloride
Concen: 0.221 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025389.D
Acq: 07 Apr 2022 16:52

Tgt Ion: 84 Resp: 2724
Ion Ratio Lower Upper
84 100
86 62.2 43.5 80.7
49 99.9 74.5 138.3

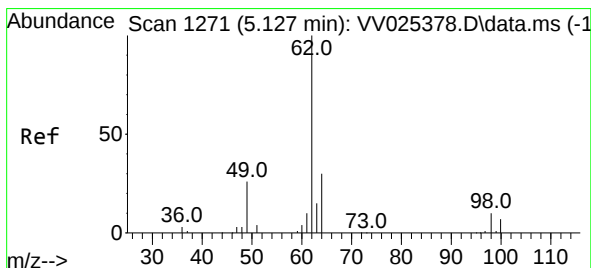
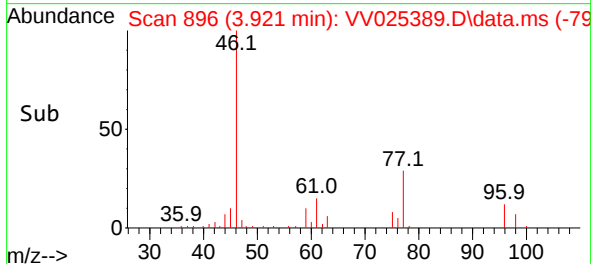
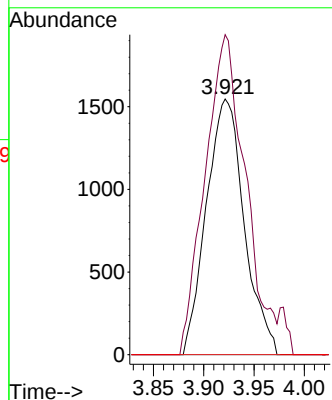
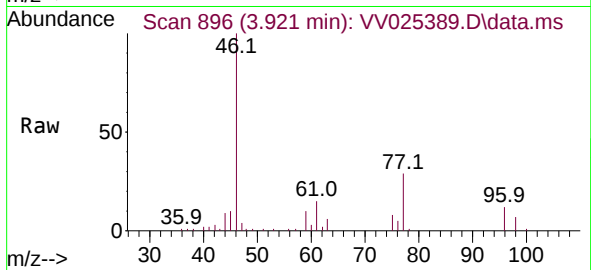




#22
 cis-1,2-Dichloroethene
 Concen: 0.353 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.013 min
 Lab File: VV025389.D
 Acq: 07 Apr 2022 16:52

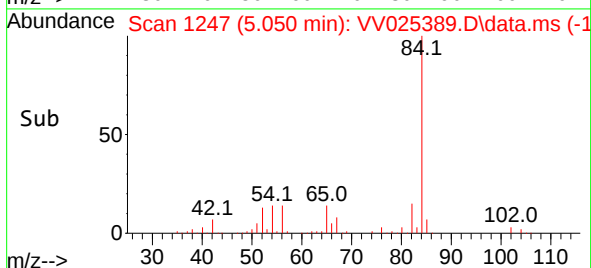
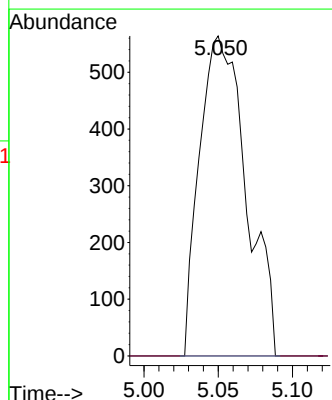
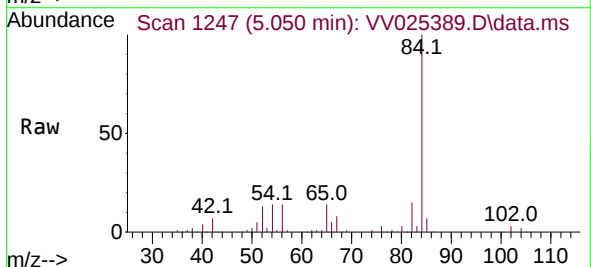
Instrument :
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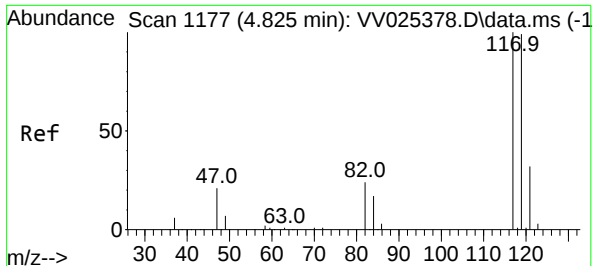
Tgt Ion: 96 Resp: 4043
 Ion Ratio Lower Upper
 96 100
 61 125.1 84.1 156.1
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.114 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.077 min
 Lab File: VV025389.D
 Acq: 07 Apr 2022 16:52

Tgt Ion: 62 Resp: 1234
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#

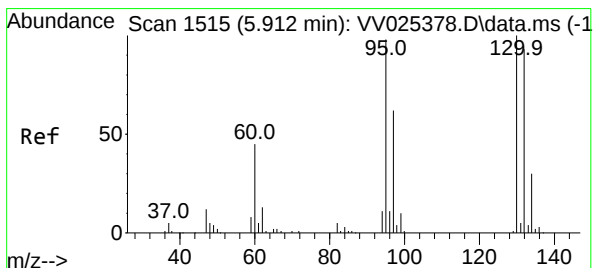
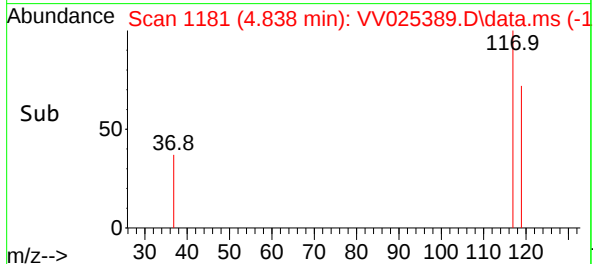
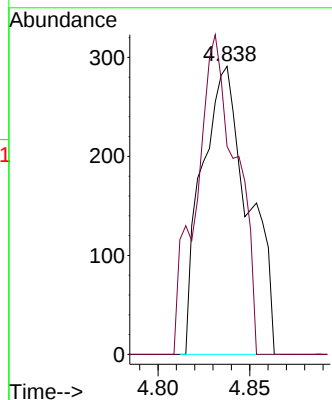
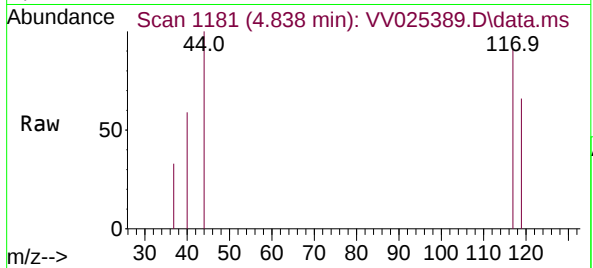




#31
Carbon tetrachloride
Concen: 0.033 ug/L
RT: 4.838 min Scan# 1177
Delta R.T. 0.013 min
Lab File: VV025389.D
Acq: 07 Apr 2022 16:52

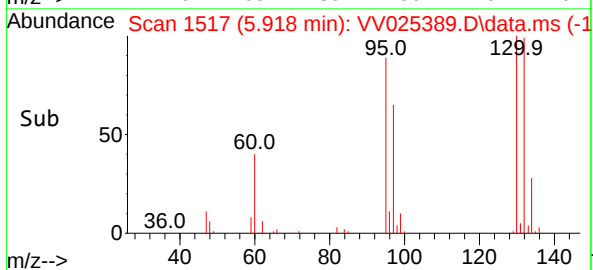
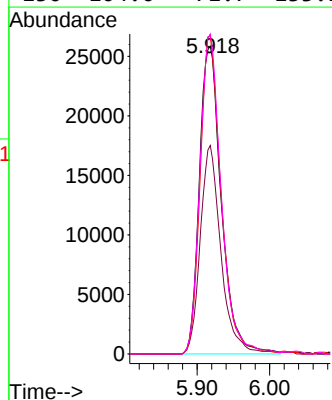
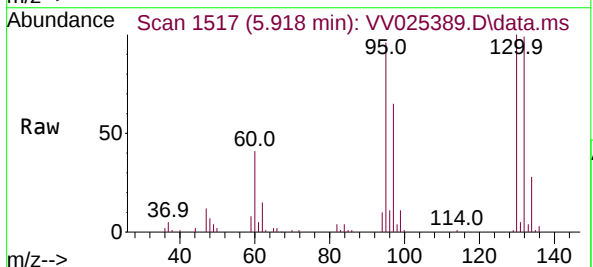
Instrument :
MSVOA_V
ClientSampleId :
C0B28DL

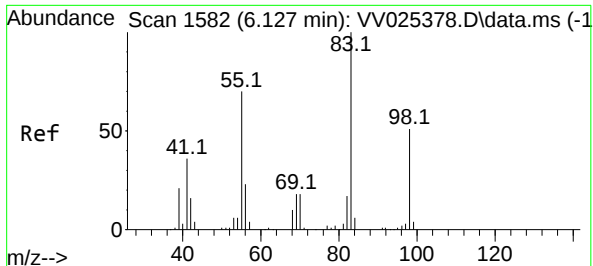
Tgt Ion:117 Resp: 512
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.6



#34
Trichloroethene
Concen: 4.623 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025389.D
Acq: 07 Apr 2022 16:52

Tgt Ion: 95 Resp: 54430
Ion Ratio Lower Upper
95 100
97 67.7 46.3 85.9
132 103.3 65.2 121.2
130 104.0 71.7 133.1





#35

Methylcyclohexane

Concen: 0.857 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV025389.D

Acq: 07 Apr 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

C0B28DL

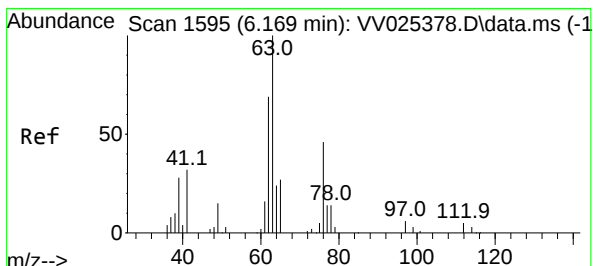
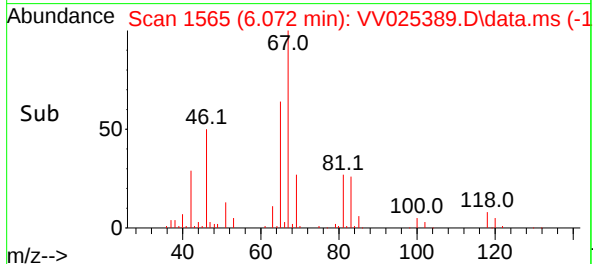
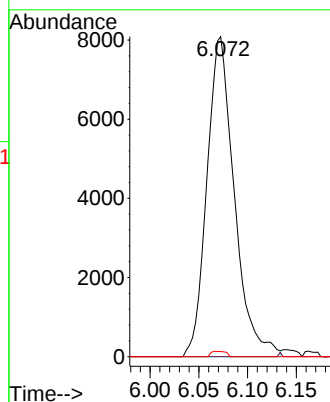
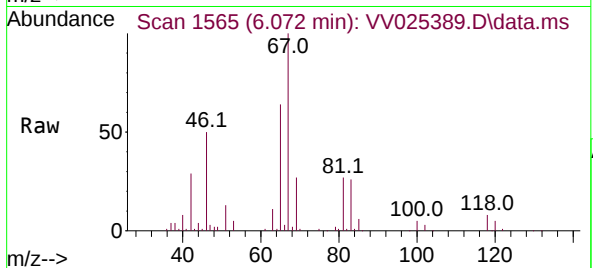
Tgt Ion: 83 Resp: 15806

Ion Ratio Lower Upper

83 100

55 0.1 54.6 81.8#

98 0.9 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.732 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025389.D

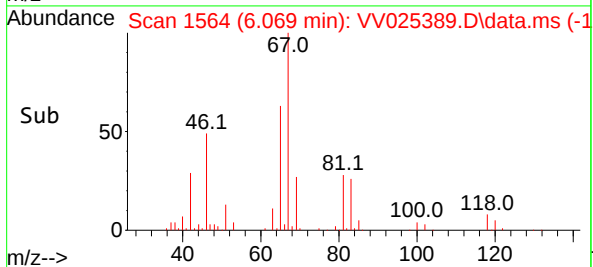
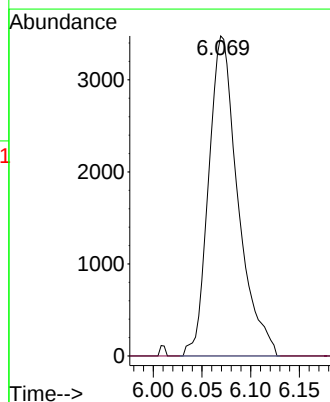
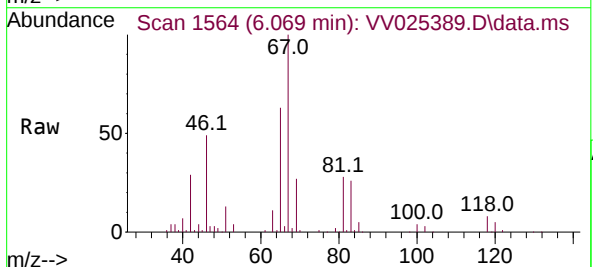
Acq: 07 Apr 2022 16:52

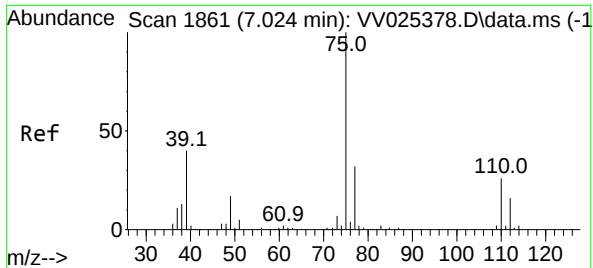
Tgt Ion: 63 Resp: 7283

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.151 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV025389.D

Acq: 07 Apr 2022 16:52

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ClientSampleId :

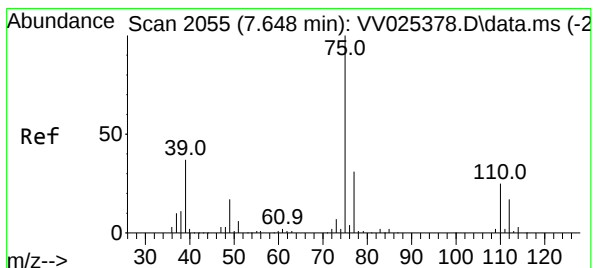
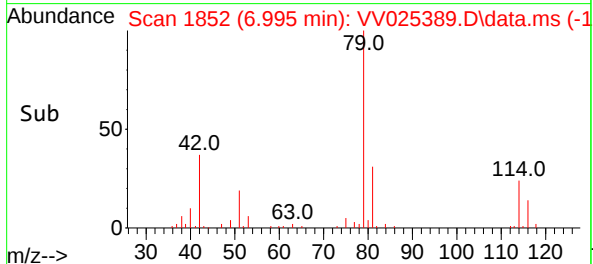
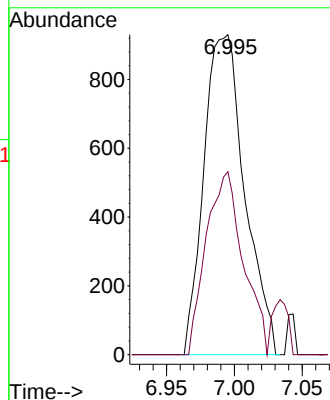
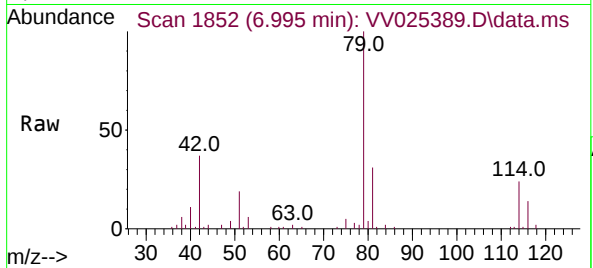
C0B28DL

Tgt Ion: 75 Resp: 1951

Ion Ratio Lower Upper

75 100

77 57.2 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.022 min

Lab File: VV025389.D

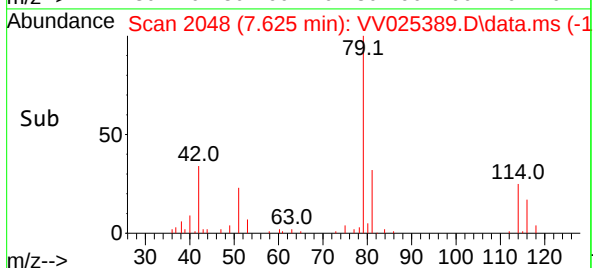
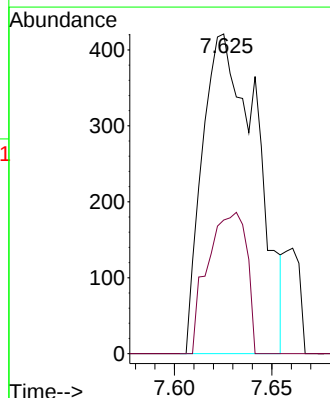
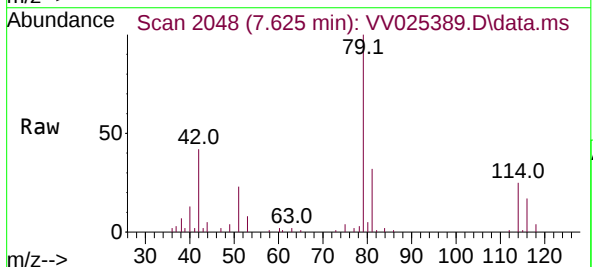
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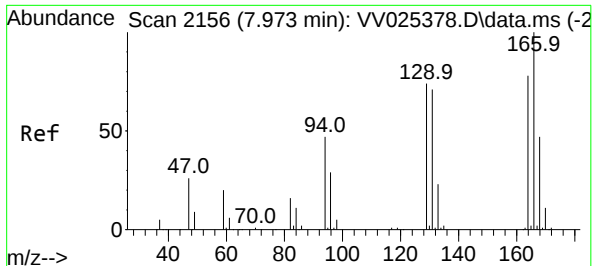
Tgt Ion: 75 Resp: 815

Ion Ratio Lower Upper

75 100

77 41.8 24.2 45.0





#47

Tetrachloroethene

Concen: 7.903 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025389.D

Acq: 07 Apr 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

C0B28DL

Tgt Ion:164 Resp: 68617

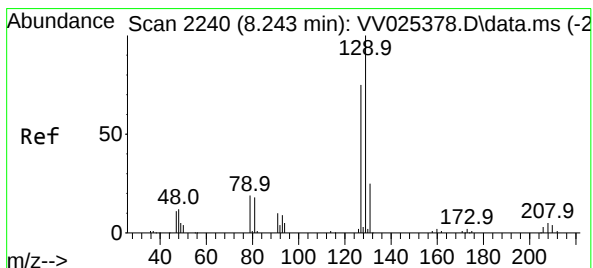
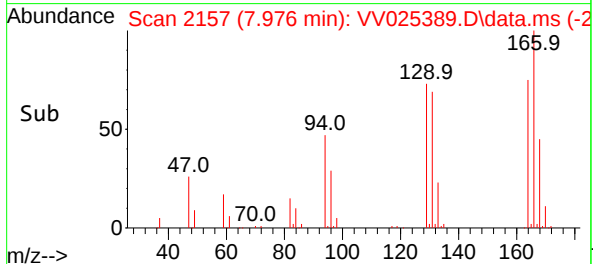
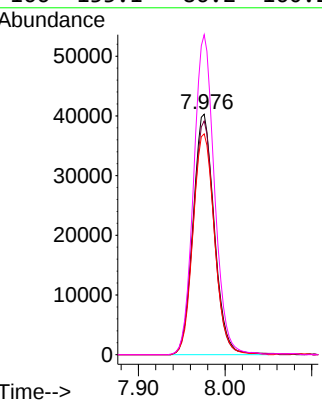
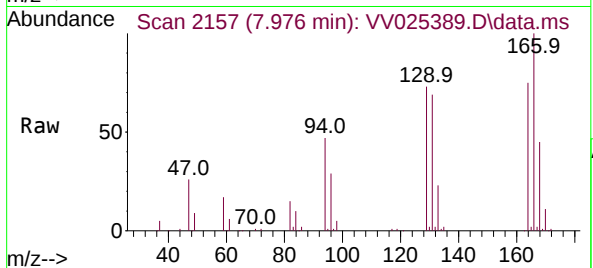
Ion Ratio Lower Upper

164 100

129 97.2 67.5 125.4

131 91.9 68.0 126.4

166 133.1 86.2 160.2



#49

Dibromochloromethane

Concen: 8.917 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025389.D

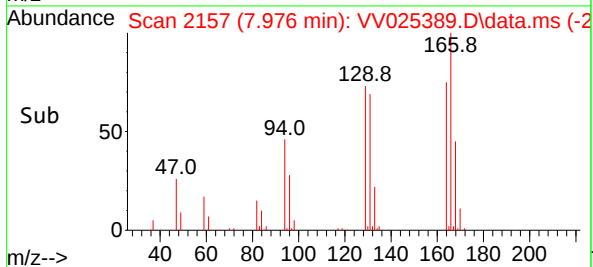
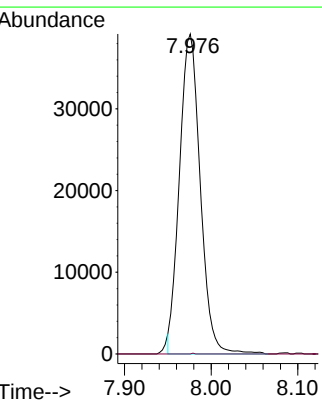
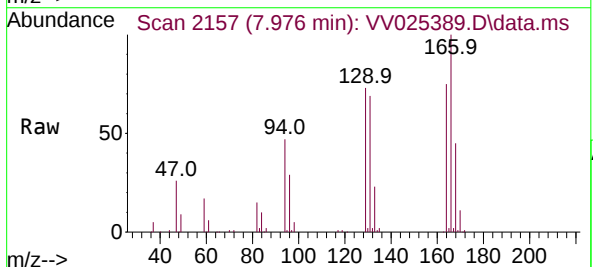
Acq: 07 Apr 2022 16:52

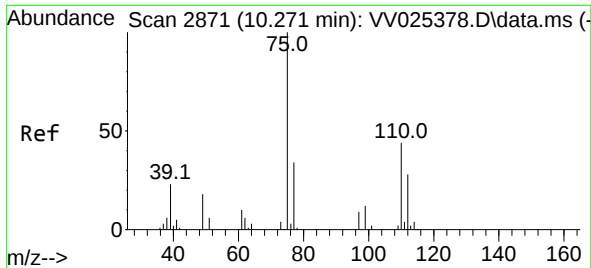
Tgt Ion:129 Resp: 65351

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

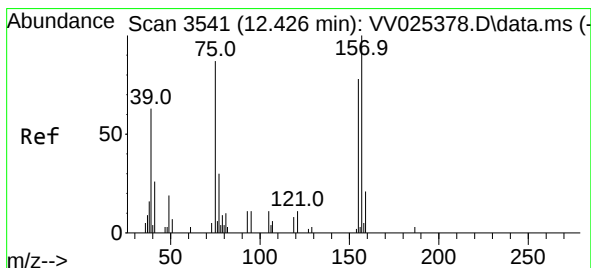
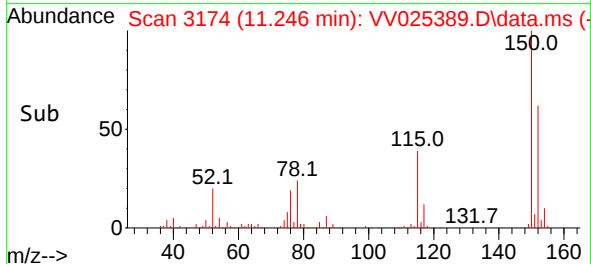
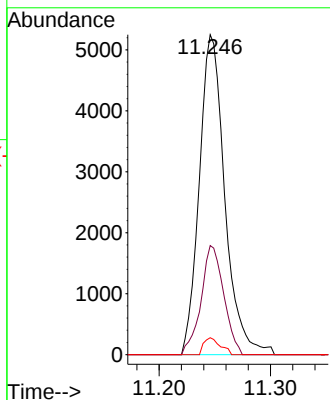
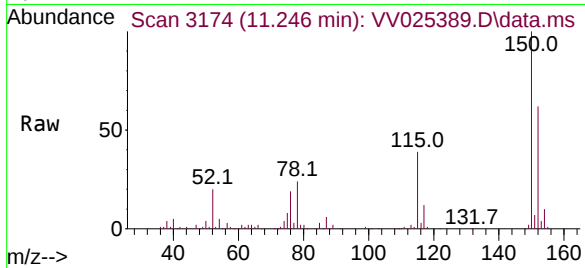




#61
 1,2,3-Trichloropropane
 Concen: 1.750 ug/L
 RT: 11.246 min Scan# 3117
 Delta R.T. 0.974 min
 Lab File: VV025389.D
 Acq: 07 Apr 2022 16:52

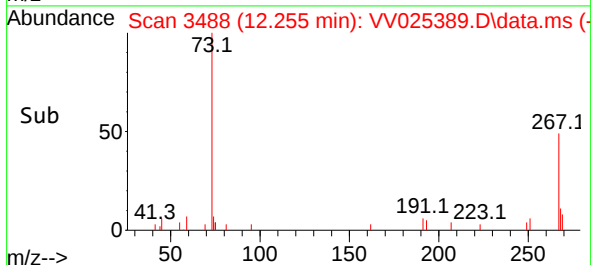
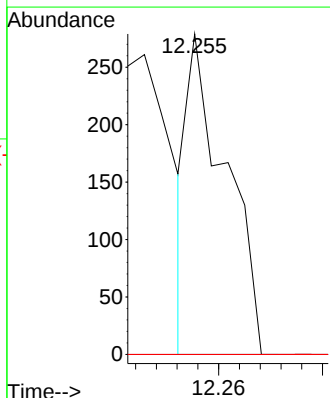
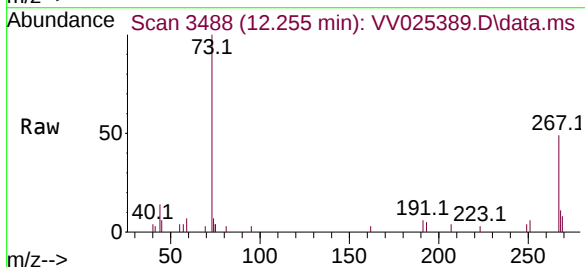
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B28DL

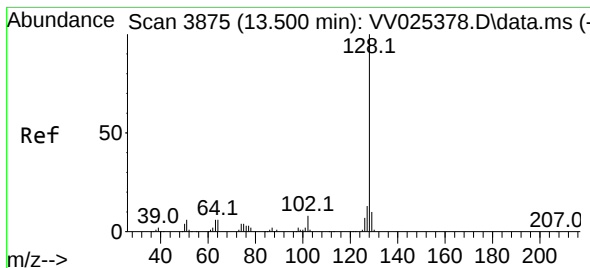
Tgt Ion: 75 Resp: 8352
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.6
 110 3.4 31.6 47.4#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.167 ug/L
 RT: 12.255 min Scan# 3488
 Delta R.T. -0.170 min
 Lab File: VV025389.D
 Acq: 07 Apr 2022 16:52

Tgt Ion: 75 Resp: 143
 Ion Ratio Lower Upper
 75 100
 155 0.0 80.0 120.0#
 157 0.0 94.5 141.7#





#71

Naphthalene

Concen: 0.095 ug/L

RT: 13.516 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV025389.D

Acq: 07 Apr 2022 16:52

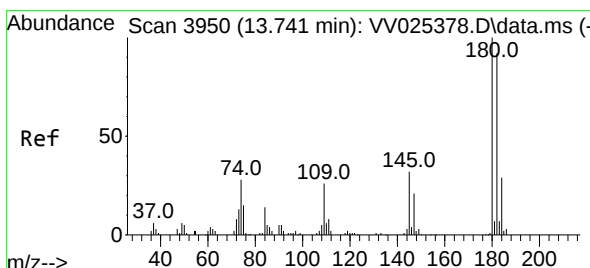
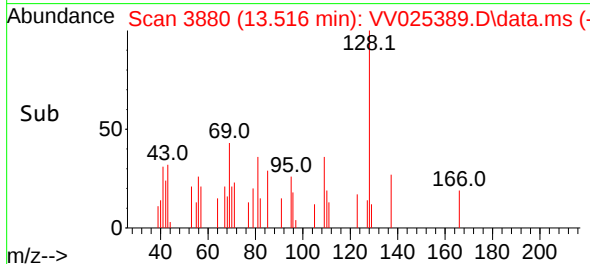
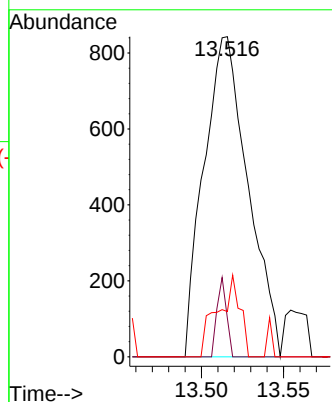
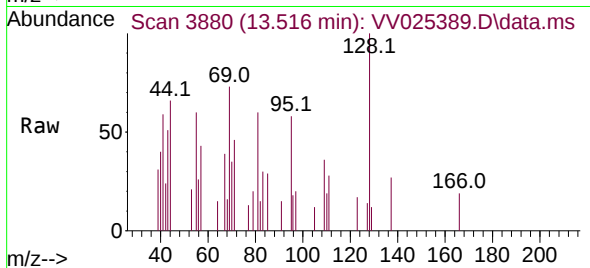
Instrument :

MSVOA_V

ClientSampleId :

C0B28DL

Tgt Ion:128	Resp:	1576
Ion Ratio	Lower	Upper
128	100	
129	5.3	8.8 13.2#
127	12.8	10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 0.088 ug/L

RT: 13.750 min Scan# 3953

Delta R.T. 0.010 min

Lab File: VV025389.D

Acq: 07 Apr 2022 16:52

Tgt Ion:180	Resp:	805
Ion Ratio	Lower	Upper
180	100	
182	73.5	75.8 113.6#
145	20.6	28.6 42.8#

