

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024508.D
 Acq On : 28 Jan 2022 23:51
 Operator : SY/MD
 Sample : N1328-18 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHN7

Quant Time: Jan 29 03:56:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96020	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37179	4.420	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.568	69	41524	5.659	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.200%
11) 1,1-Dichloroethene-d2	2.114	63	129472	8.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	161.000%#
20) 2-Butanone-d5	3.915	46	72406	54.006	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.020%
24) Chloroform-d	4.352	84	88665	5.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.037	65	45145	6.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.800%
32) Benzene-d6	5.053	84	147167	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.069	67	55987	5.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.317	98	114831	3.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.625	79	15362	4.254	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.092	63	69176	56.031	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35045	5.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	42481	5.002	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	527	0.054	ug/L #	1
5) Vinyl chloride	1.307	62	454	0.046	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	918	0.121	ug/L #	19
12) 1,1-Dichloroethene	2.121	96	109198	15.133	ug/L	82
16) Methylene chloride	2.510	84	1673	0.227	ug/L	85
19) 1,1-Dichloroethane	3.195	63	11548	0.895	ug/L	89
22) cis-1,2-Dichloroethene	3.918	96	9399	1.352	ug/L	80
25) Chloroform	4.375	83	5693	0.388	ug/L	93
29) 1,1,1-Trichloroethane	4.609	97	1842	0.142	ug/L	88
34) Trichloroethene	5.912	95	231500	27.368	ug/L	89
35) Methylcyclohexane	6.072	83	12432	0.996	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6546	0.890	ug/L #	84
38) Bromodichloromethane	6.526	83	673	0.068	ug/L #	90
44) trans-1,3-Dichloropropene	7.635	75	742	0.090	ug/L #	29
47) Tetrachloroethene	7.973	164	535228	80.324	ug/L	97
49) Dibromochloromethane	7.973	129	497466	80.410	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6342	2.066	ug/L #	63

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 29 03:50:16 2022
Response via : Initial Calibration

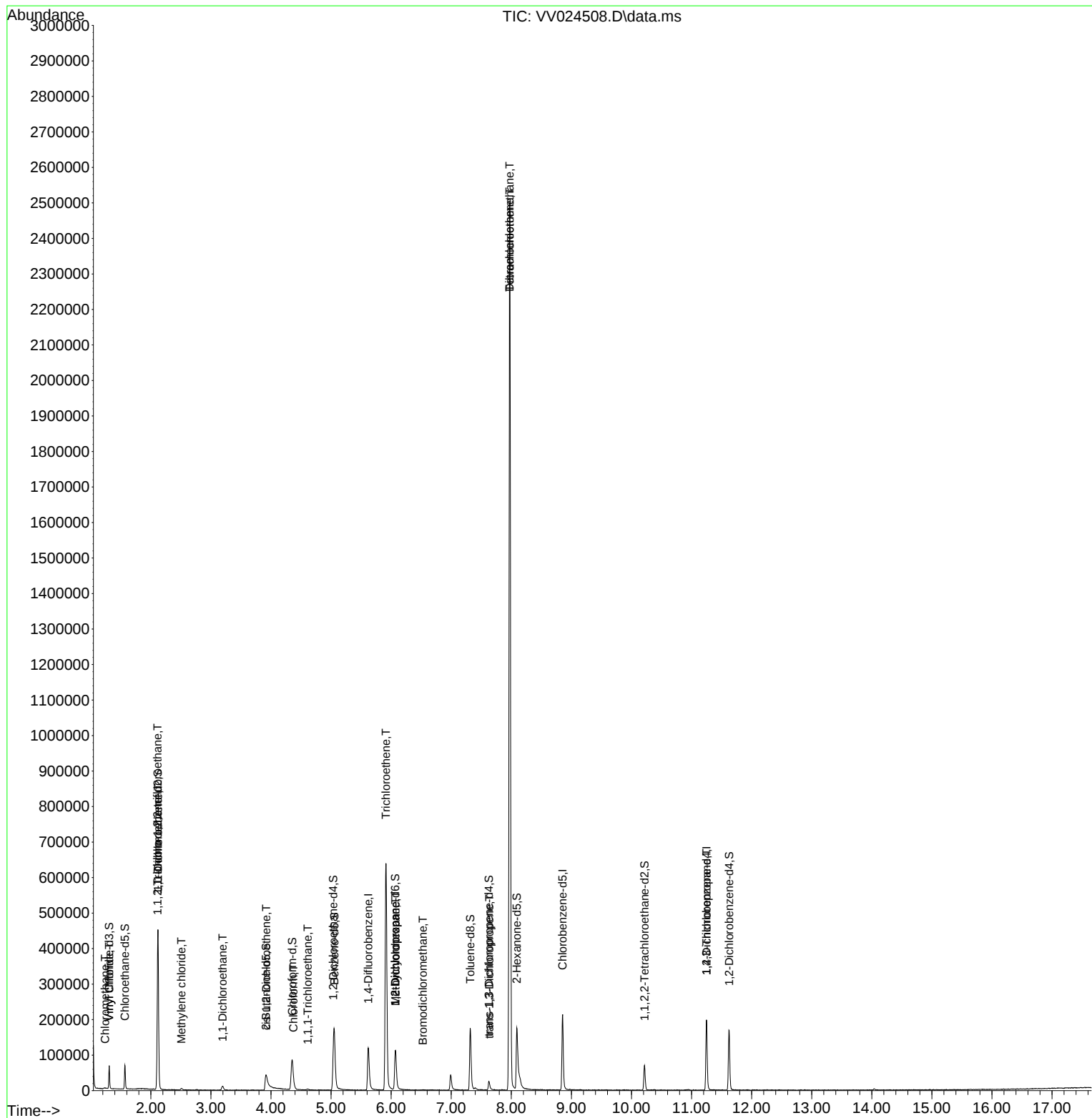
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

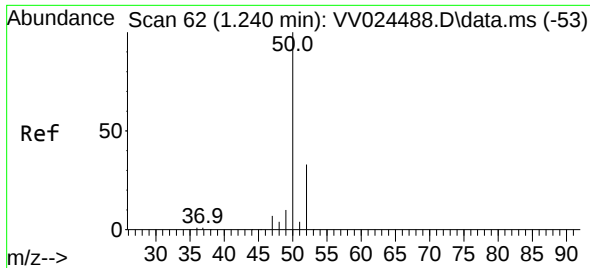
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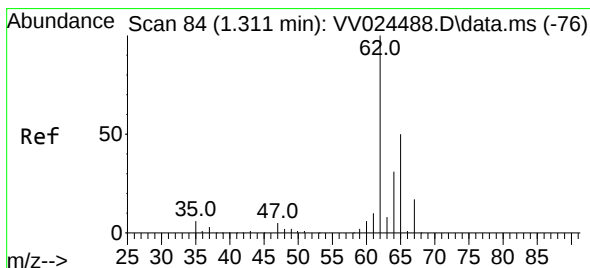
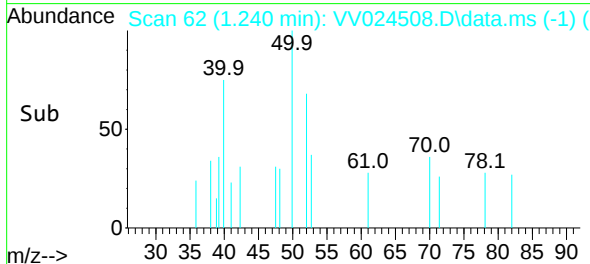
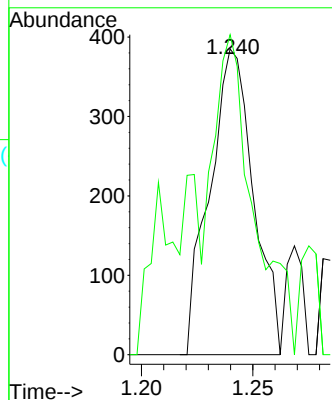
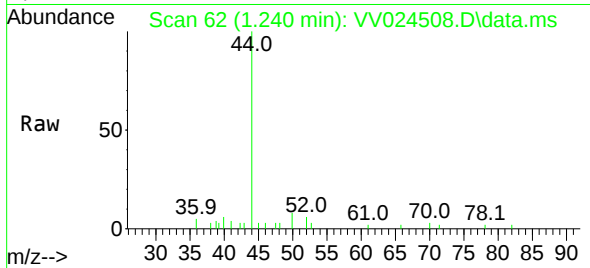




#3
Chloromethane
Concen: 0.054 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

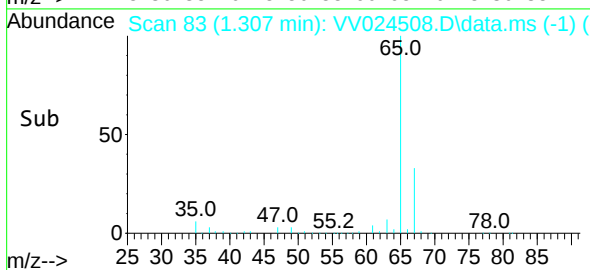
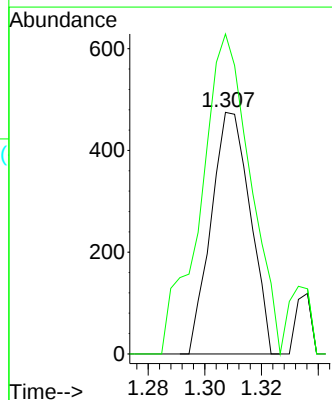
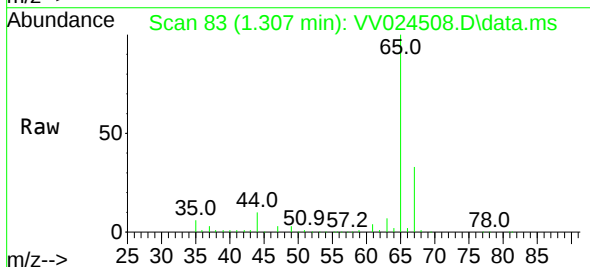
Instrument :
MSVOA_V
ClientSampleId :
COHN7

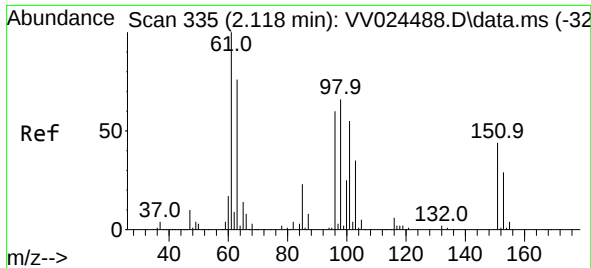
Tgt Ion: 50 Resp: 527
Ion Ratio Lower Upper
50 100
52 104.7 22.0 41.0#



#5
Vinyl chloride
Concen: 0.046 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

Tgt Ion: 62 Resp: 454
Ion Ratio Lower Upper
62 100
64 132.4 22.4 41.6#

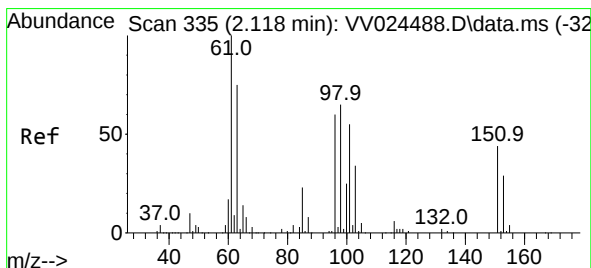
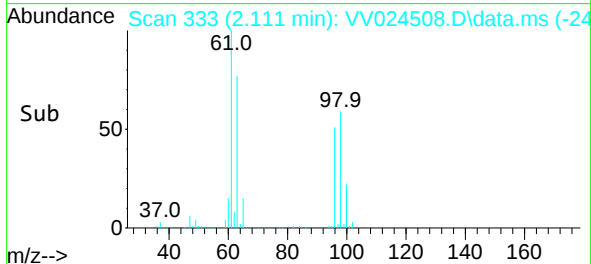
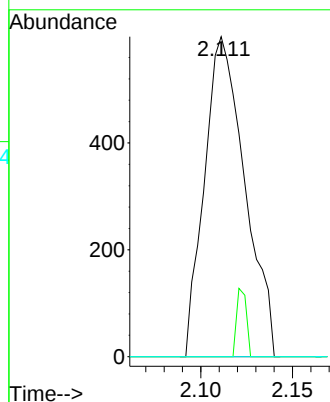
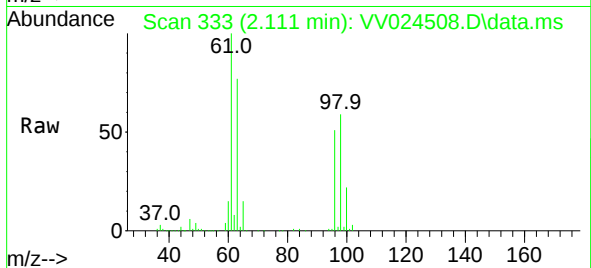




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.121 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

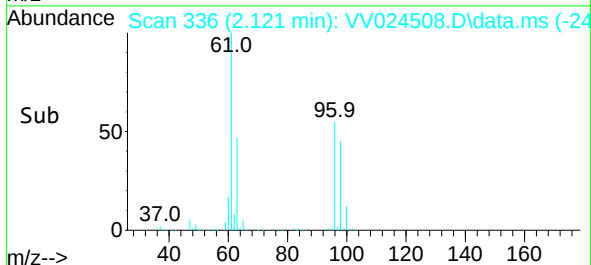
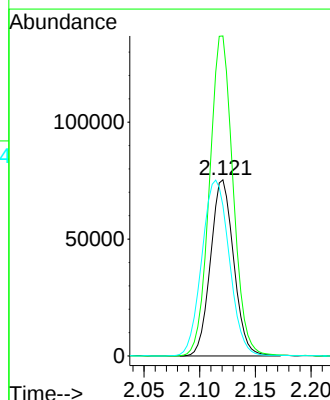
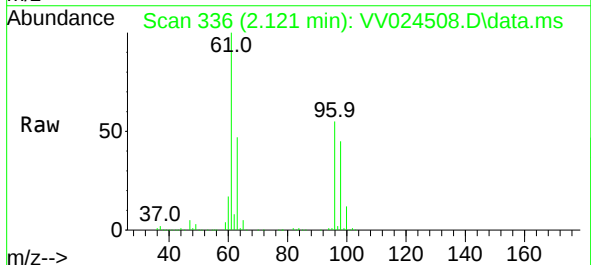
Instrument :
MSVOA_V
ClientSampleId :
COHN7

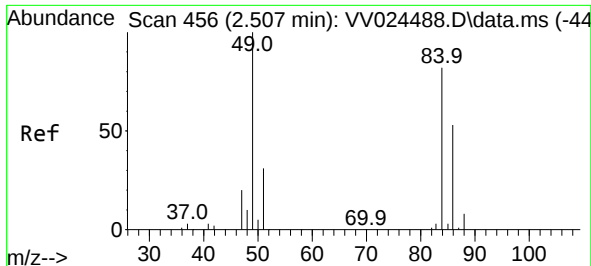
Tgt Ion:101 Resp: 918
Ion Ratio Lower Upper
101 100
85 5.1 36.0 54.0#
151 0.0 66.4 99.6#



#12
1,1-Dichloroethene
Concen: 15.133 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

Tgt Ion: 96 Resp: 109198
Ion Ratio Lower Upper
96 100
61 181.6 116.1 215.5
63 85.3 79.4 147.4

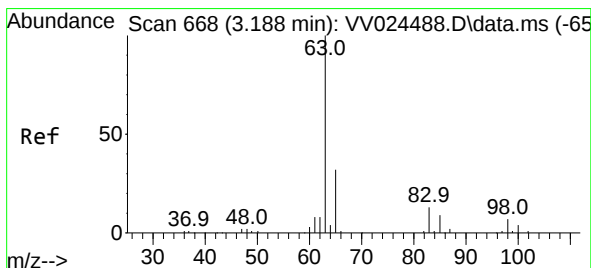
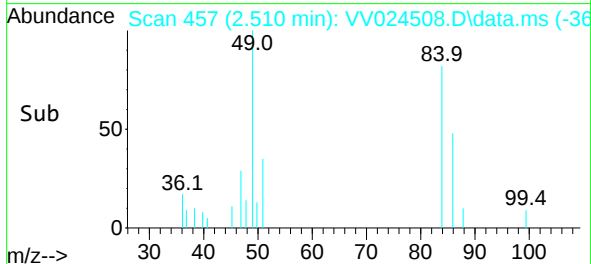
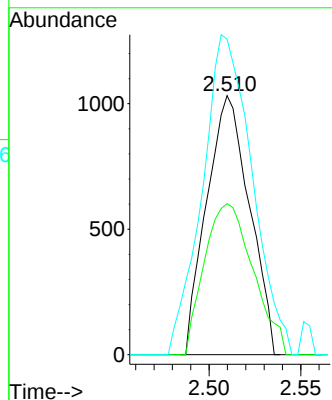
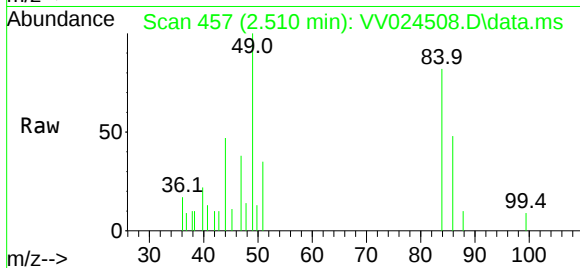




#16
Methylene chloride
Concen: 0.227 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

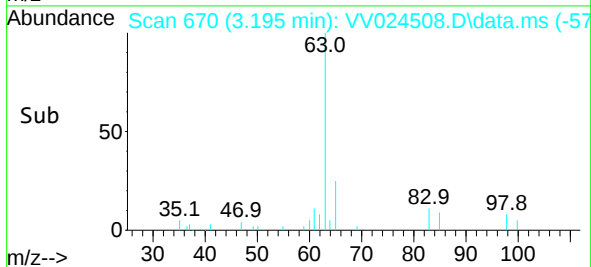
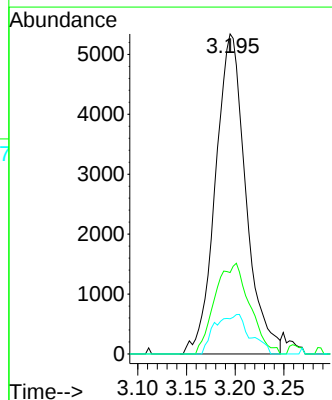
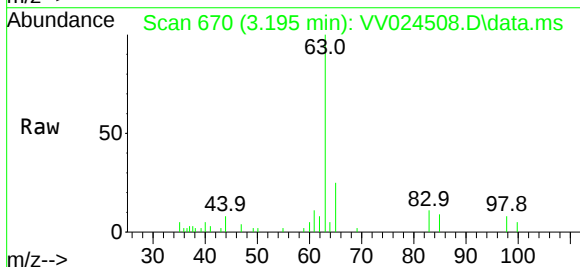
Instrument :
MSVOA_V
ClientSampleId :
COHN7

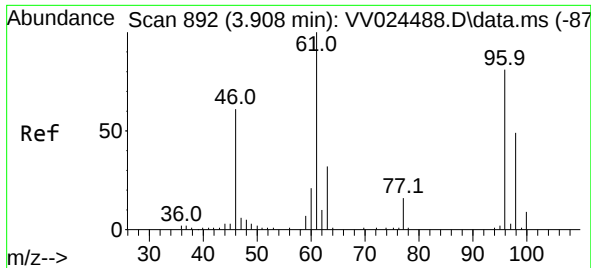
Tgt Ion: 84 Resp: 1673
Ion Ratio Lower Upper
84 100
86 58.3 42.6 79.0
49 137.4 79.7 147.9



#19
1,1-Dichloroethane
Concen: 0.895 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

Tgt Ion: 63 Resp: 11548
Ion Ratio Lower Upper
63 100
65 25.4 22.3 41.3
83 11.0 10.7 19.9

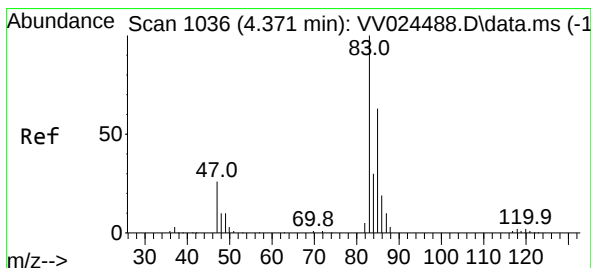
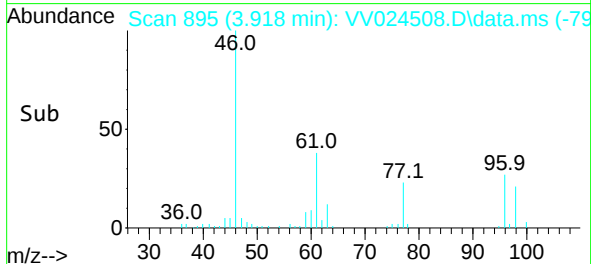
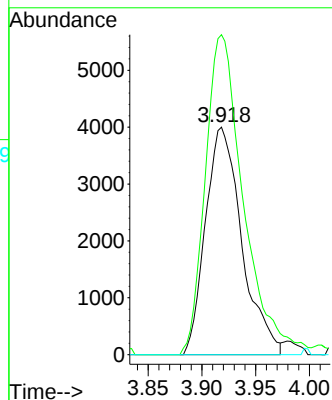
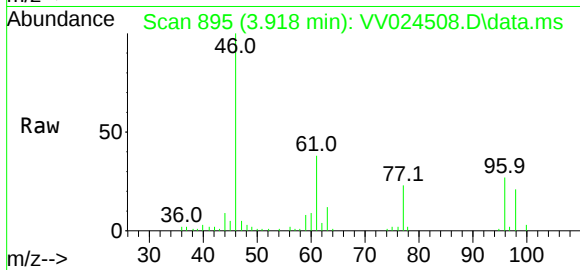




#22
 cis-1,2-Dichloroethene
 Concen: 1.352 ug/L
 RT: 3.918 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV024508.D
 Acq: 28 Jan 2022 23:51

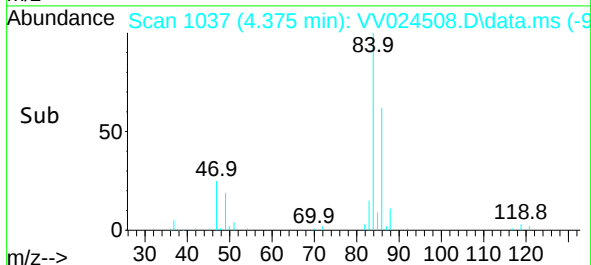
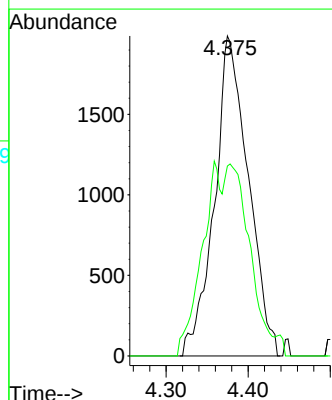
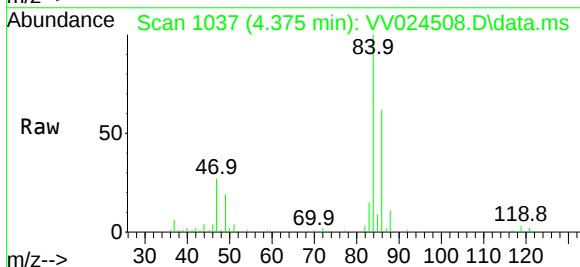
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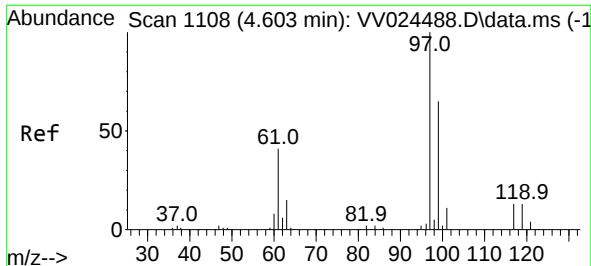
Tgt Ion: 96 Resp: 9399
 Ion Ratio Lower Upper
 96 100
 61 140.7 83.4 154.8
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.388 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VV024508.D
 Acq: 28 Jan 2022 23:51

Tgt Ion: 83 Resp: 5693
 Ion Ratio Lower Upper
 83 100
 85 59.3 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.142 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV024508.D

Acq: 28 Jan 2022 23:51

Instrument :

MSVOA_V

ClientSampleId :

COHN7

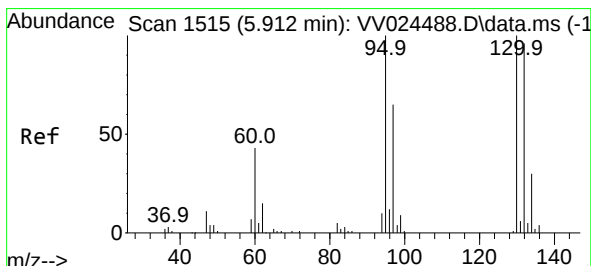
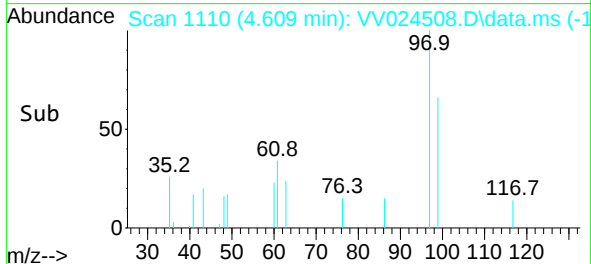
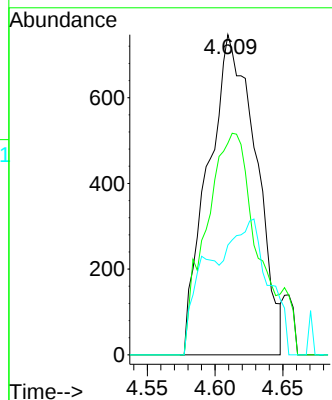
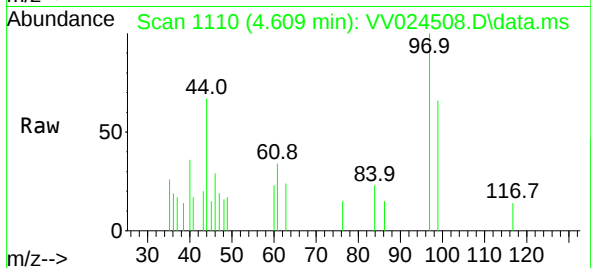
Tgt Ion: 97 Resp: 1842

Ion Ratio Lower Upper

97 100

99 76.3 51.9 77.9

61 35.6 33.2 49.8



#34

Trichloroethene

Concen: 27.368 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VV024508.D

Acq: 28 Jan 2022 23:51

Tgt Ion: 95 Resp: 231500

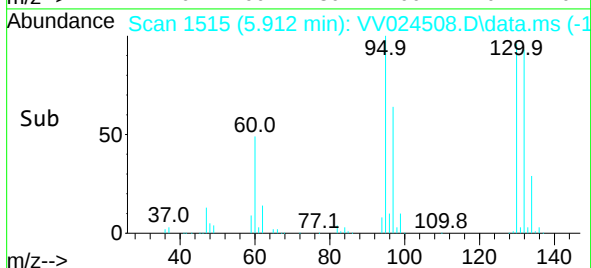
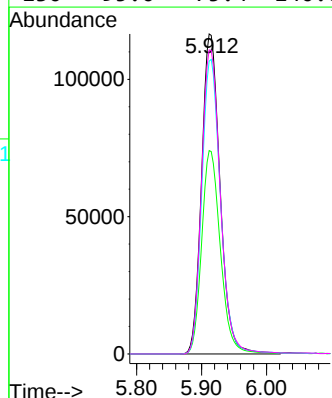
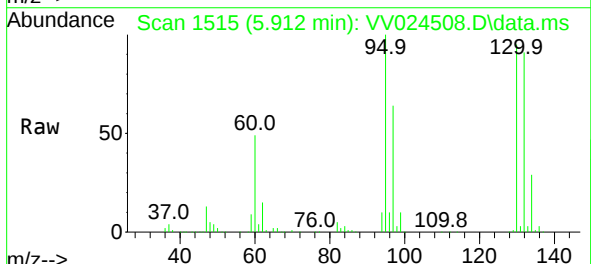
Ion Ratio Lower Upper

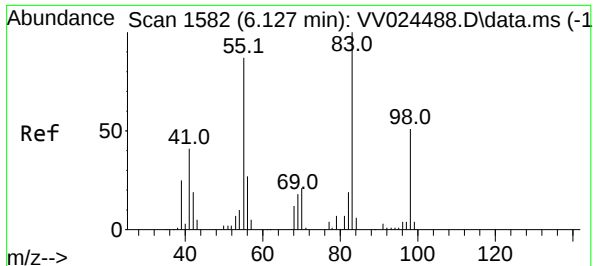
95 100

97 63.5 45.2 84.0

132 91.5 76.1 141.3

130 95.0 75.4 140.0





#35

Methylcyclohexane

Concen: 0.996 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

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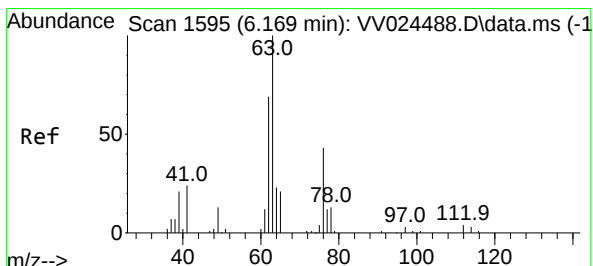
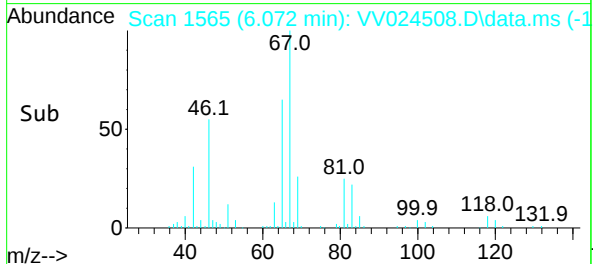
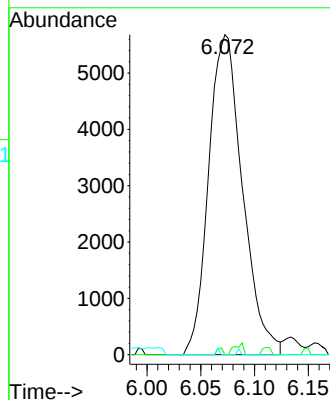
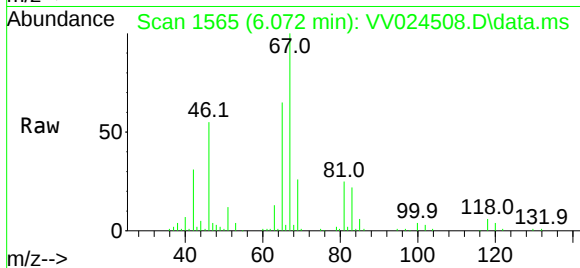
Tgt Ion: 83 Resp: 12432

Ion Ratio Lower Upper

83 100

55 0.4 60.2 90.2#

98 0.0 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.890 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV024508.D

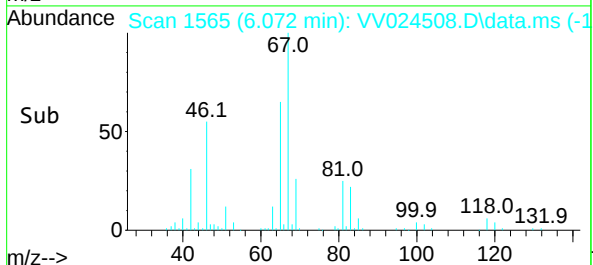
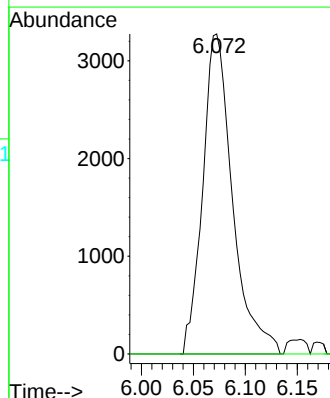
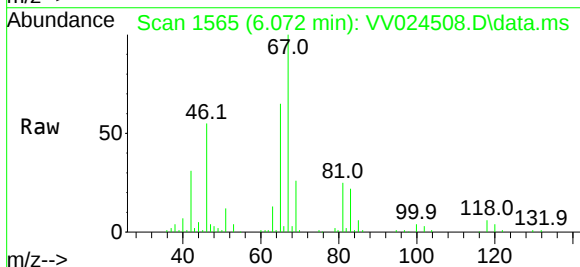
Acq: 28 Jan 2022 23:51

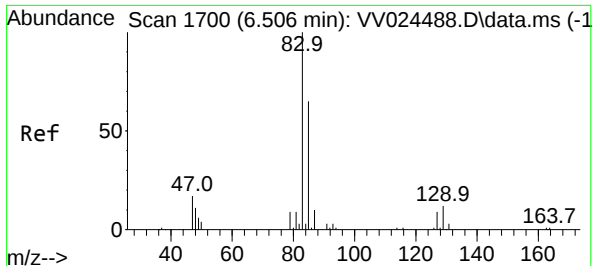
Tgt Ion: 63 Resp: 6546

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#

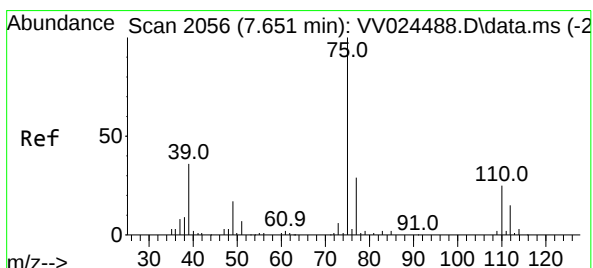
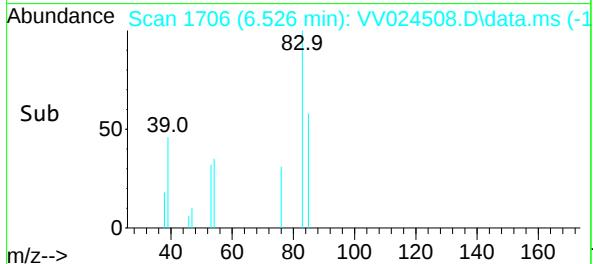
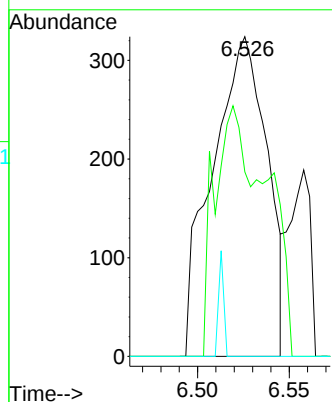
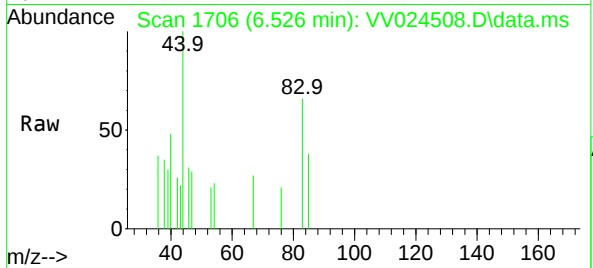




#38
Bromodichloromethane
Concen: 0.068 ug/L
RT: 6.526 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

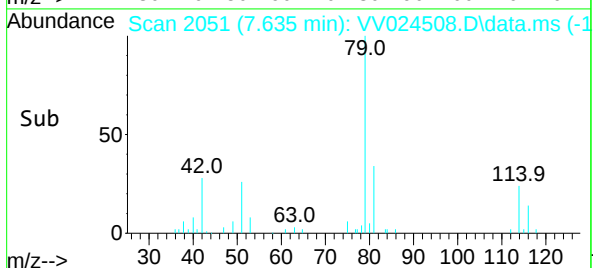
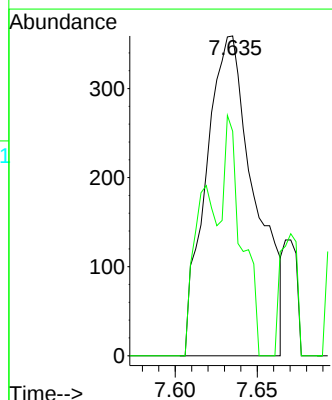
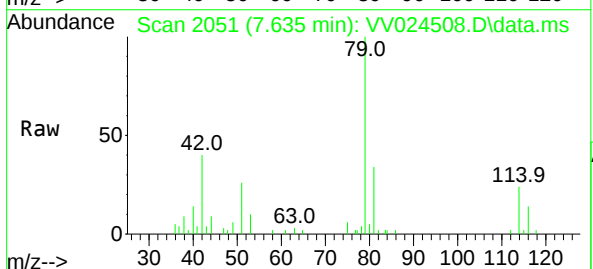
Instrument :
MSVOA_V
ClientSampleId :
COHN7

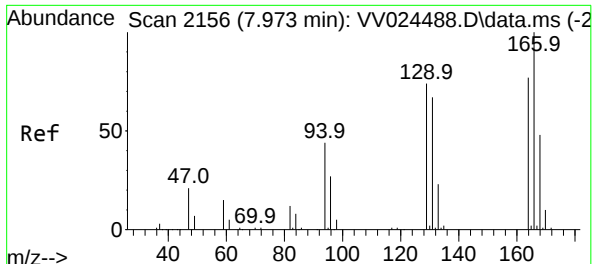
Tgt Ion: 83 Resp: 673
Ion Ratio Lower Upper
83 100
85 57.7 44.0 81.8
127 0.0 8.6 12.8#



#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.635 min Scan# 2051
Delta R.T. -0.016 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

Tgt Ion: 75 Resp: 742
Ion Ratio Lower Upper
75 100
77 70.2 21.8 40.4#





#47

Tetrachloroethene

Concen: 80.324 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV024508.D

Acq: 28 Jan 2022 23:51

Instrument :

MSVOA_V

ClientSampleId :

C0HN7

Tgt Ion:164 Resp: 535228

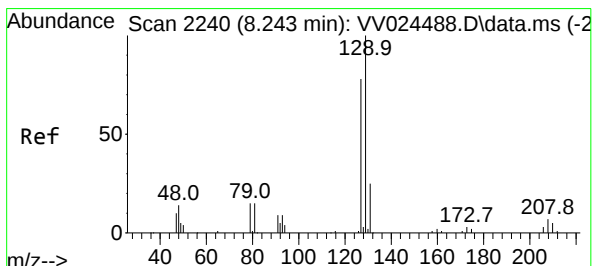
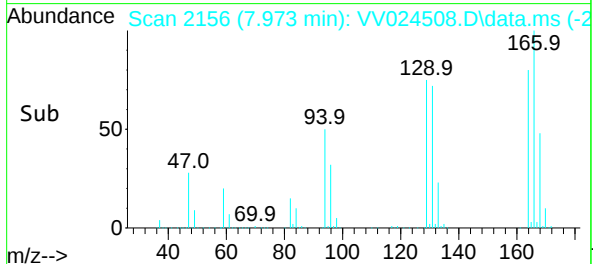
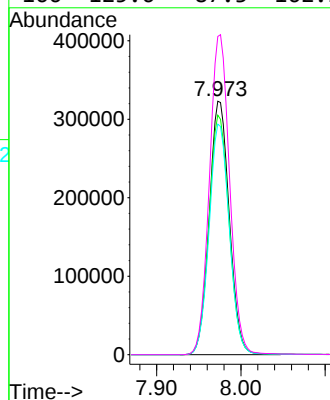
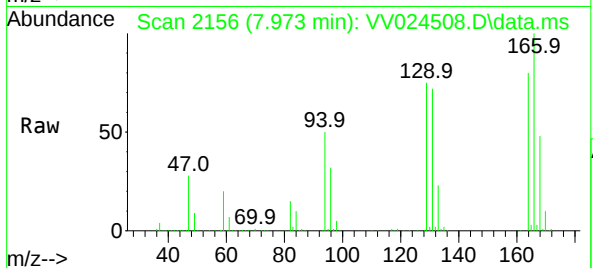
Ion Ratio Lower Upper

164 100

129 94.5 62.6 116.2

131 91.0 61.0 113.4

166 125.6 87.3 162.1



#49

Dibromochloromethane

Concen: 80.410 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV024508.D

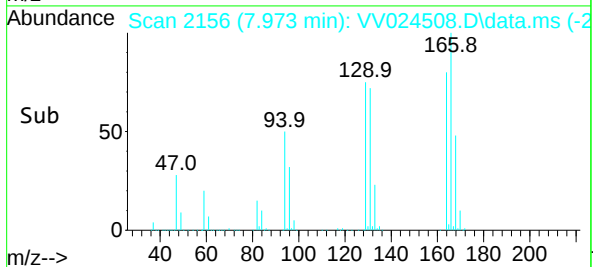
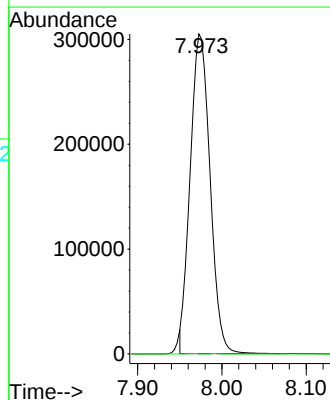
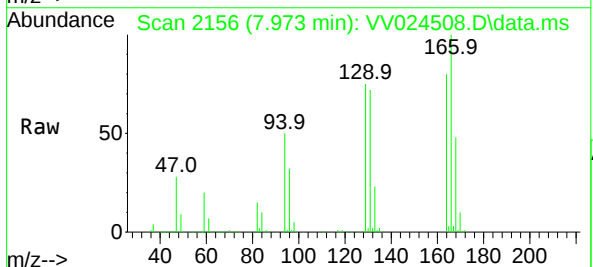
Acq: 28 Jan 2022 23:51

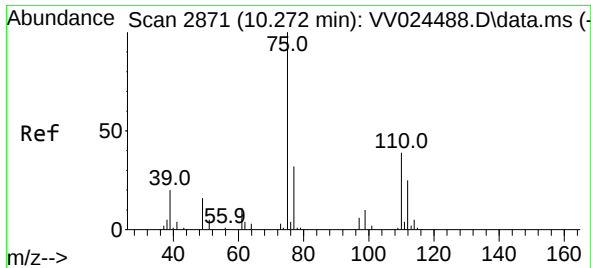
Tgt Ion:129 Resp: 497466

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 2.066 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV024508.D

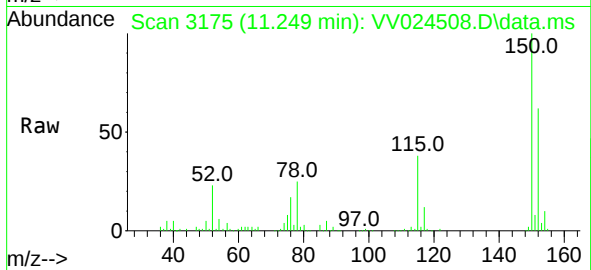
Acq: 28 Jan 2022 23:51

Instrument :

MSVOA_V

ClientSampleId :

C0HN7



Tgt Ion: 75 Resp: 6342

Ion Ratio Lower Upper

75 100

77 34.5 26.4 39.6

110 2.5 34.2 51.2#

