

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024501.D
 Acq On : 28 Jan 2022 21:08
 Operator : SY/MD
 Sample : N1328-11 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHN0

Quant Time: Jan 29 03:54:21 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	103631	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.854	117	115048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40777	4.491	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.568	69	45182	5.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.200%
11) 1,1-Dichloroethene-d2	2.108	63	73238	4.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.918	46	75691	52.310	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.620%
24) Chloroform-d	4.349	84	94368	5.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.034	65	47605	6.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.000%
32) Benzene-d6	5.053	84	163601	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.072	67	56985	5.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.317	98	123669	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.629	79	16508	4.443	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.092	63	68134	53.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36398	5.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	46208	5.176	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	541	0.051	ug/L	91
5) Vinyl chloride	1.310	62	614	0.058	ug/L	# 1
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	774	0.094	ug/L	# 17
12) 1,1-Dichloroethene	2.117	96	3333	0.428	ug/L	# 1
18) trans-1,2-Dichloroethene	2.767	96	638	0.085	ug/L	# 69
19) 1,1-Dichloroethane	3.191	63	9787	0.702	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	57939	7.719	ug/L	86
25) Chloroform	4.375	83	4461	0.282	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	670	0.050	ug/L	# 46
34) Trichloroethene	5.921	95	7228	0.830	ug/L	84
35) Methylcyclohexane	6.072	83	13750	1.071	ug/L	# 19
37) 1,2-Dichloropropane	6.072	63	6727	0.889	ug/L	# 84
38) Bromodichloromethane	6.522	83	771	0.075	ug/L	# 88
44) trans-1,3-Dichloropropene	7.629	75	857	0.101	ug/L	# 71
45) 1,1,2-Trichloroethane	7.976	97	1787	0.349	ug/L	# 14
47) Tetrachloroethene	7.976	164	189088	27.578	ug/L	97
49) Dibromochloromethane	7.976	129	173863	27.311	ug/L	# 12
61) 1,2,3-Trichloropropane	11.246	75	6686	2.072	ug/L	# 64

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

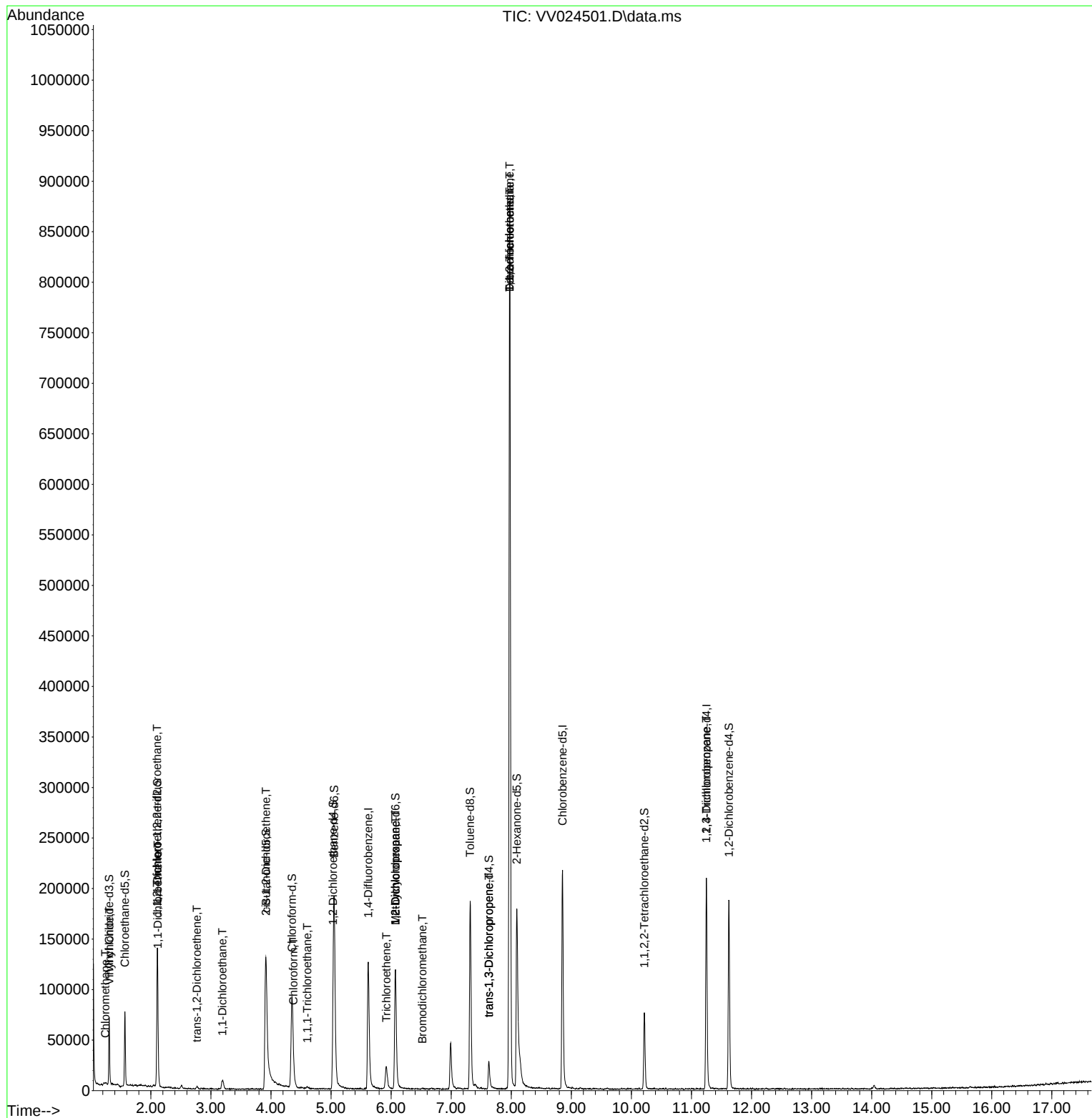
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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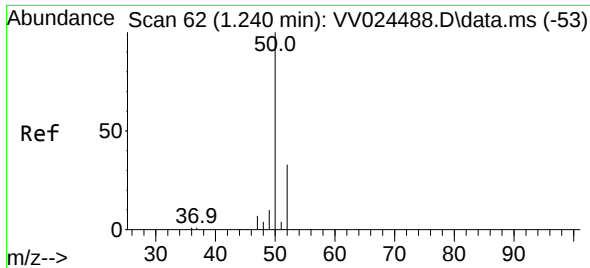
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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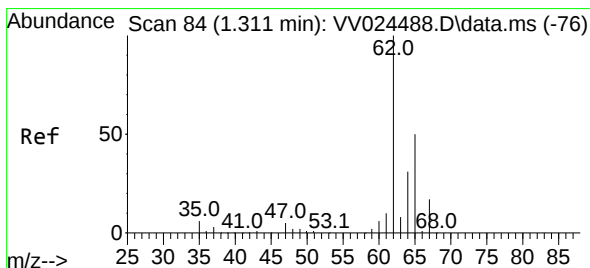
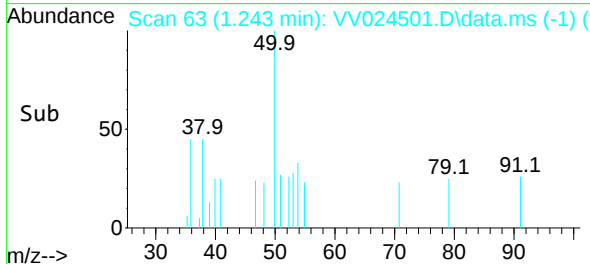
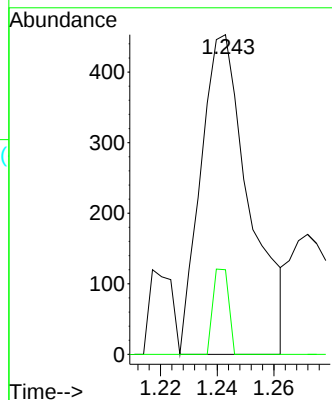
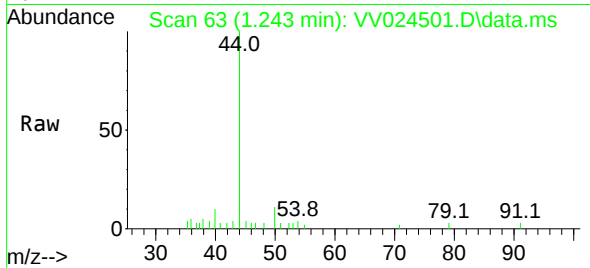




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024501.D
Acq: 28 Jan 2022 21:08

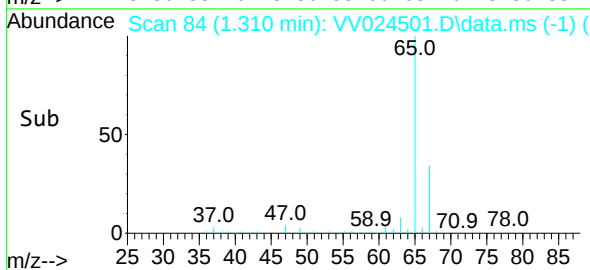
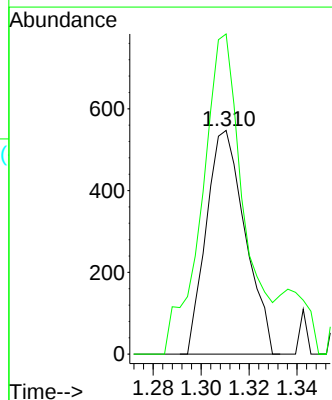
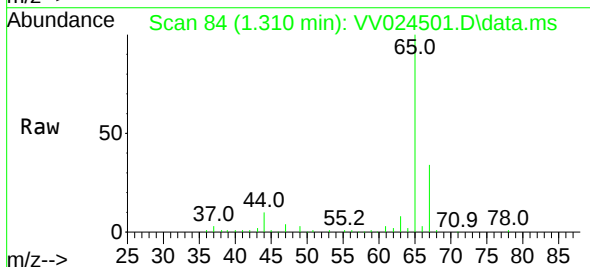
Instrument :
MSVOA_V
ClientSampleId :
COHN0

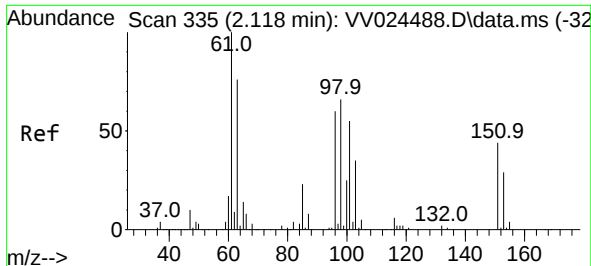
Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 26.5 22.0 41.0



#5
Vinyl chloride
Concen: 0.058 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024501.D
Acq: 28 Jan 2022 21:08

Tgt Ion: 62 Resp: 614
Ion Ratio Lower Upper
62 100
64 143.1 22.4 41.6#

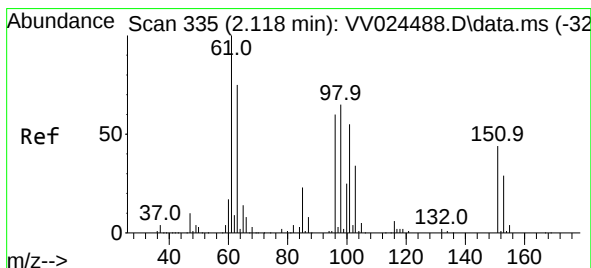
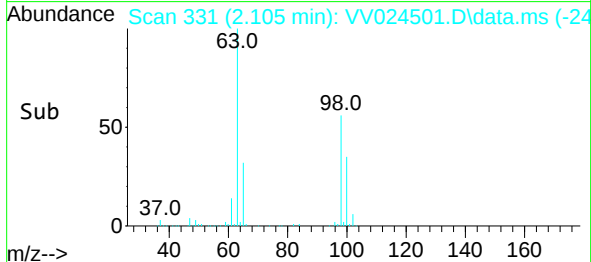
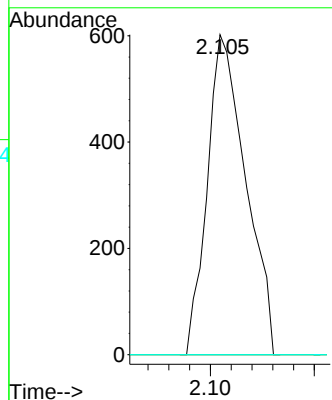
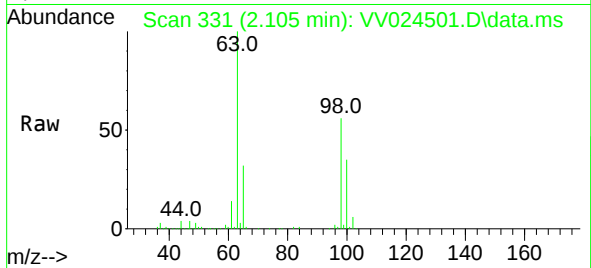




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.094 ug/L
 RT: 2.105 min Scan# 311
 Delta R.T. -0.013 min
 Lab File: VV024501.D
 Acq: 28 Jan 2022 21:08

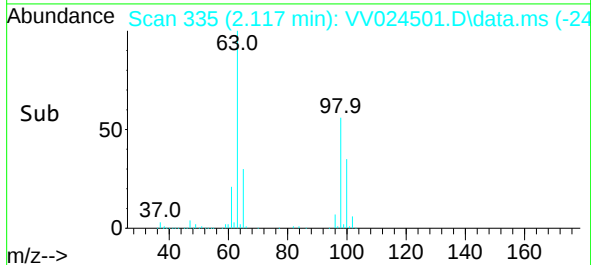
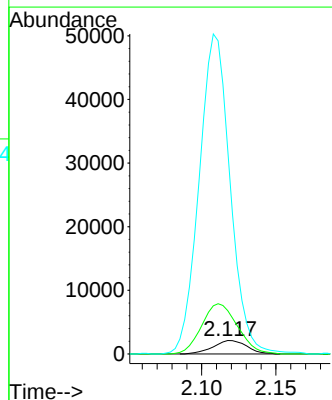
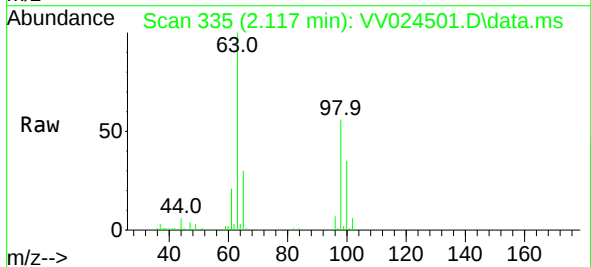
Instrument :
 MSVOA_V
 ClientSampleId :
 COHN0

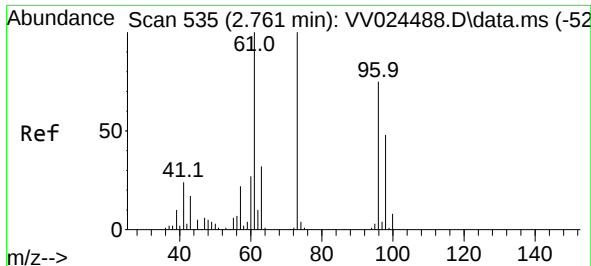
Tgt Ion:101 Resp: 774
 Ion Ratio Lower Upper
 101 100
 85 2.6 36.0 54.0#
 151 0.0 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 0.428 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024501.D
 Acq: 28 Jan 2022 21:08

Tgt Ion: 96 Resp: 3333
 Ion Ratio Lower Upper
 96 100
 61 321.1 116.1 215.5#
 63 1515.8 79.4 147.4#

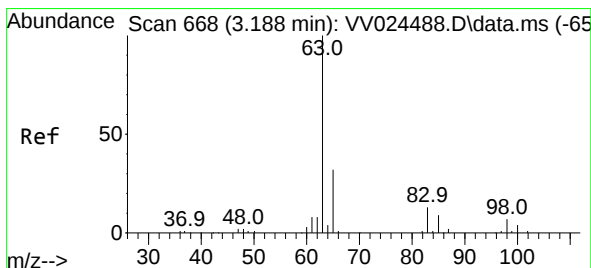
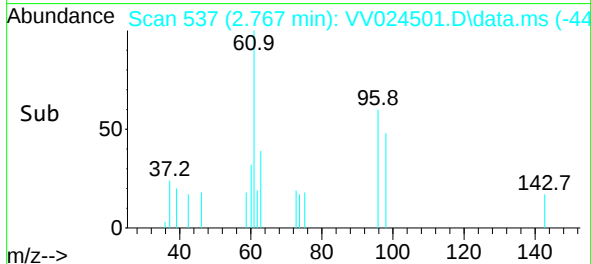
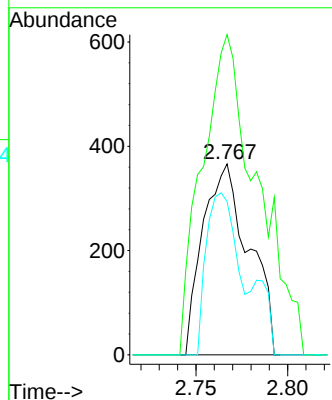
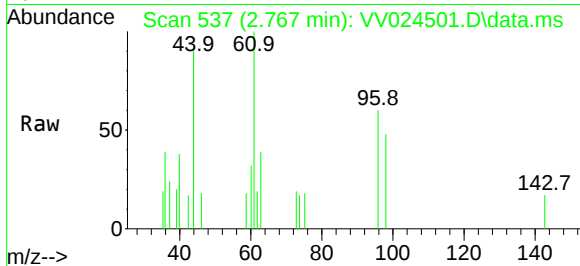




#18
trans-1,2-Dichloroethene
Concen: 0.085 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV024501.D
Acq: 28 Jan 2022 21:08

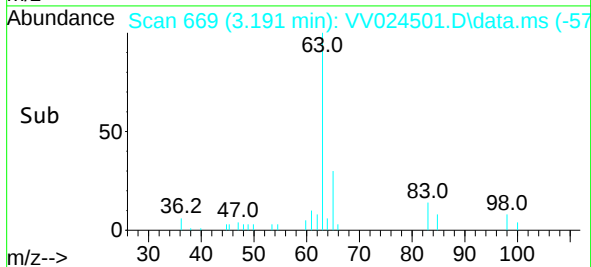
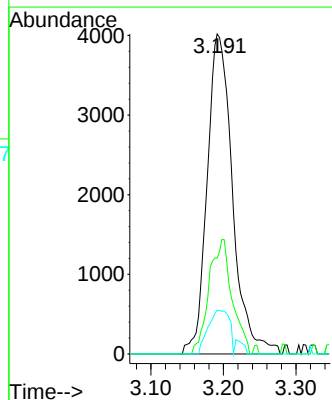
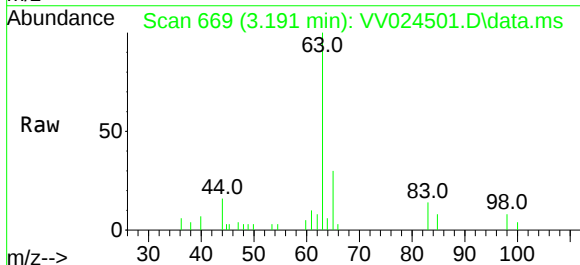
Instrument :
MSVOA_V
ClientSampleId :
COHN0

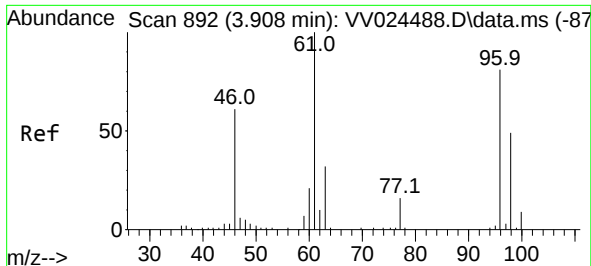
Tgt Ion: 96 Resp: 638
Ion Ratio Lower Upper
96 100
61 167.8 88.2 163.8#
98 80.3 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.702 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024501.D
Acq: 28 Jan 2022 21:08

Tgt Ion: 63 Resp: 9787
Ion Ratio Lower Upper
63 100
65 29.9 22.3 41.3
83 13.6 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 7.719 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.006 min

Lab File: VV024501.D

Acq: 28 Jan 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

COHN0

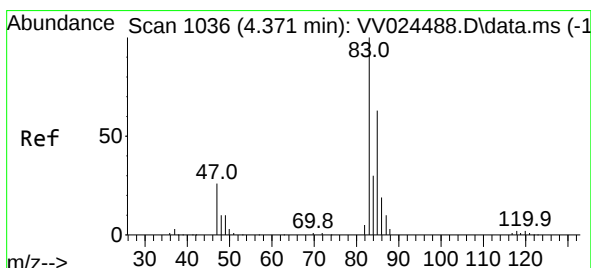
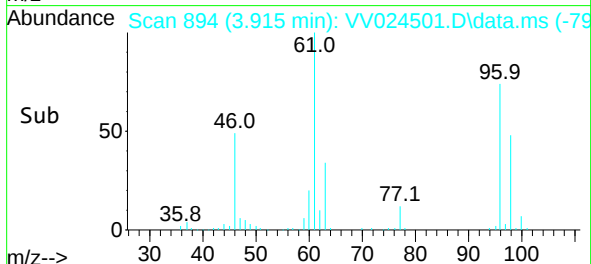
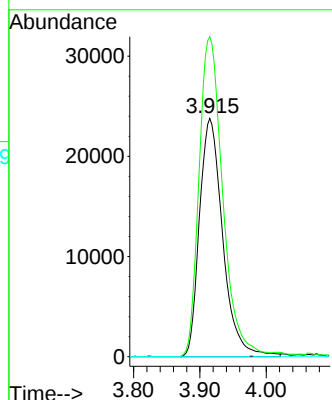
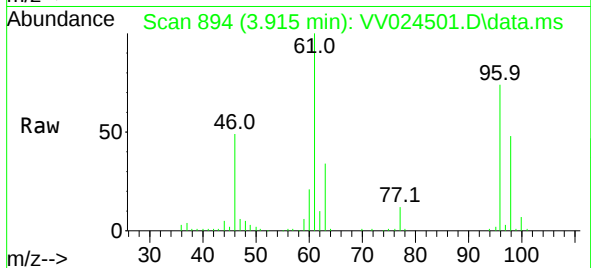
Tgt Ion: 96 Resp: 57939

Ion Ratio Lower Upper

96 100

61 134.3 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.282 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024501.D

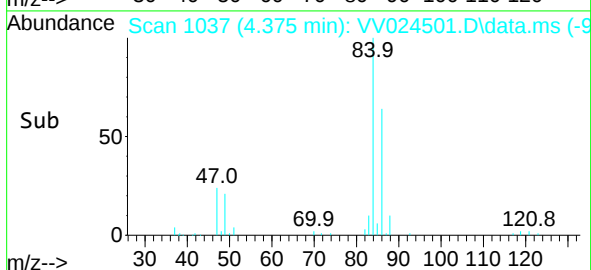
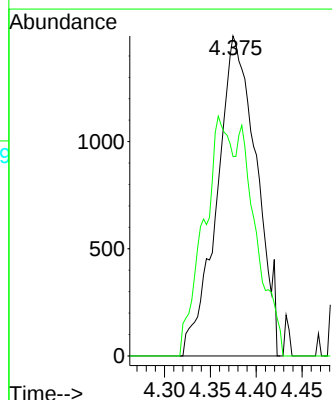
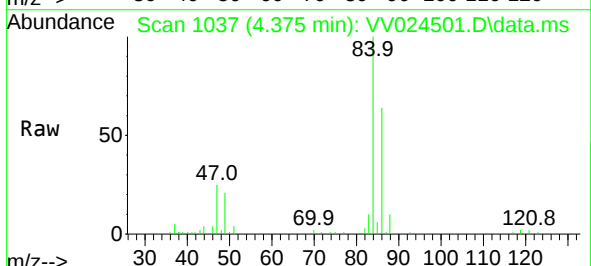
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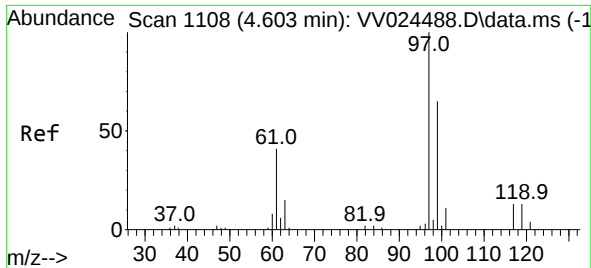
Tgt Ion: 83 Resp: 4461

Ion Ratio Lower Upper

83 100

85 62.4 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.050 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV024501.D

Acq: 28 Jan 2022 21:08

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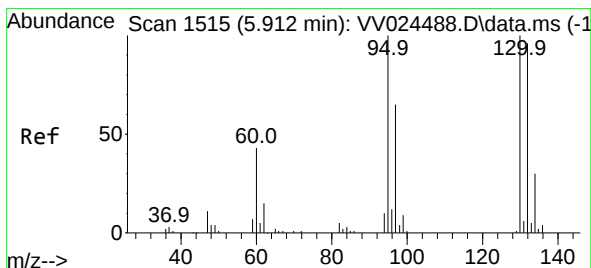
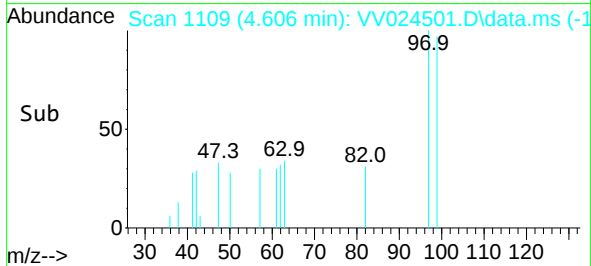
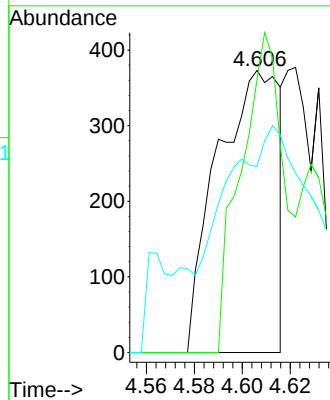
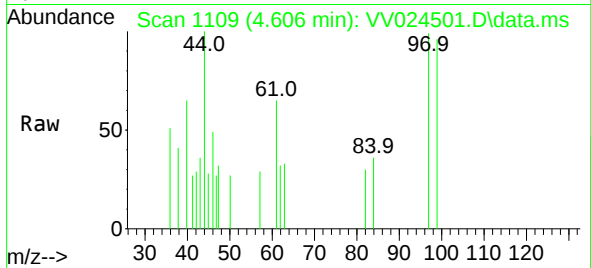
Tgt Ion: 97 Resp: 670

Ion Ratio Lower Upper

97 100

99 79.0 51.9 77.9#

61 110.7 33.2 49.8#



#34

Trichloroethene

Concen: 0.830 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV024501.D

Acq: 28 Jan 2022 21:08

Tgt Ion: 95 Resp: 7228

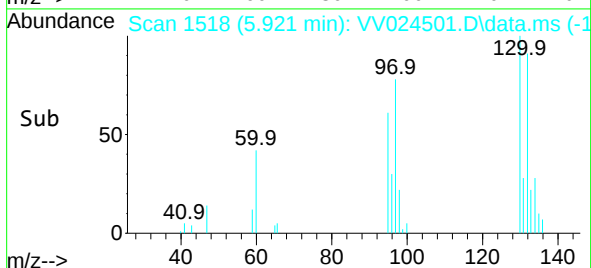
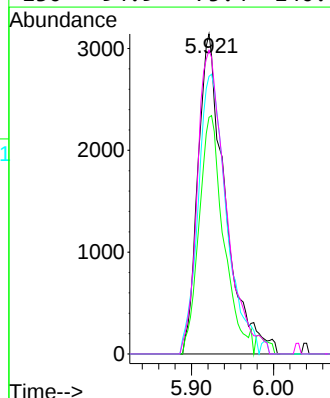
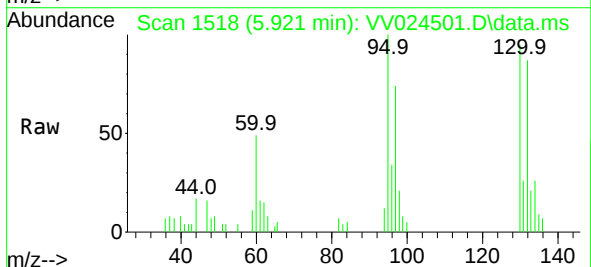
Ion Ratio Lower Upper

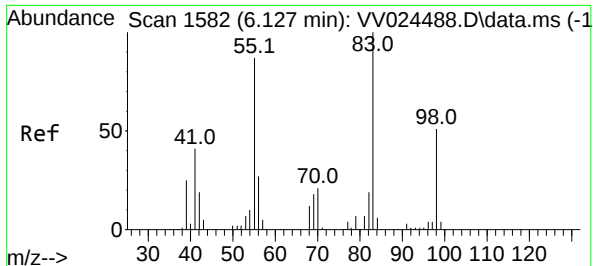
95 100

97 74.0 45.2 84.0

132 86.8 76.1 141.3

130 94.9 75.4 140.0

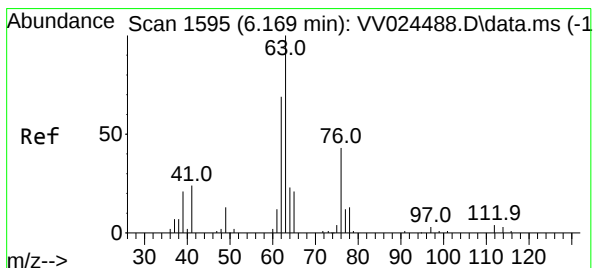
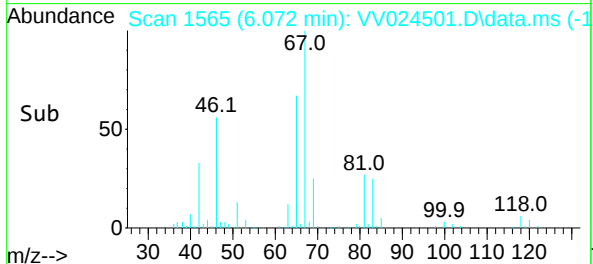
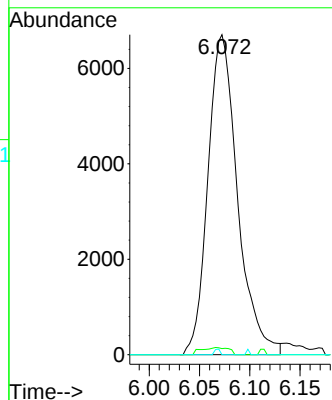
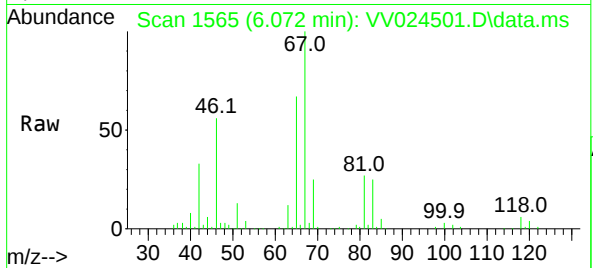




#35
Methylcyclohexane
Concen: 1.071 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV024501.D
Acq: 28 Jan 2022 21:08

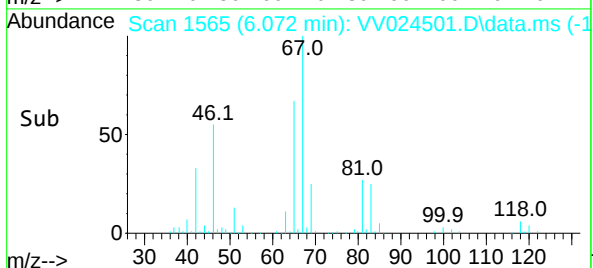
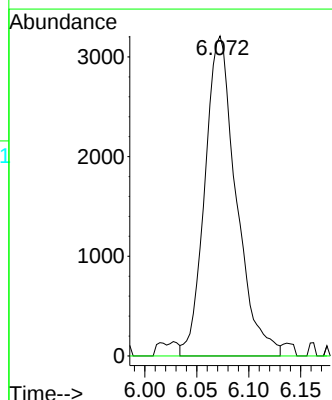
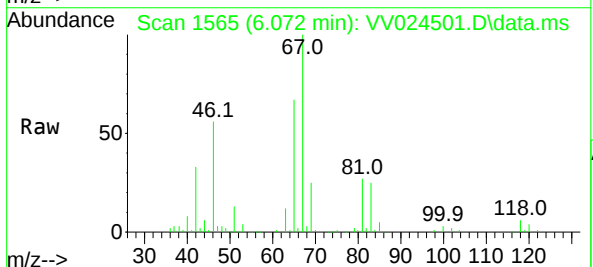
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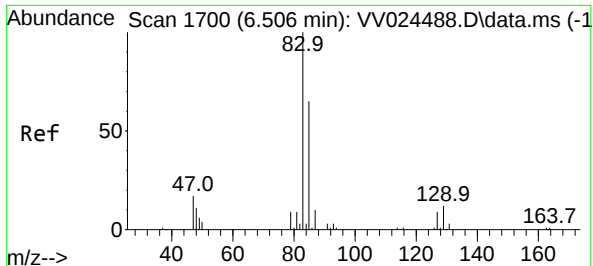
Tgt Ion: 83 Resp: 13750
Ion Ratio Lower Upper
83 100
55 2.1 60.2 90.2#
98 0.3 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.889 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.097 min
Lab File: VV024501.D
Acq: 28 Jan 2022 21:08

Tgt Ion: 63 Resp: 6727
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

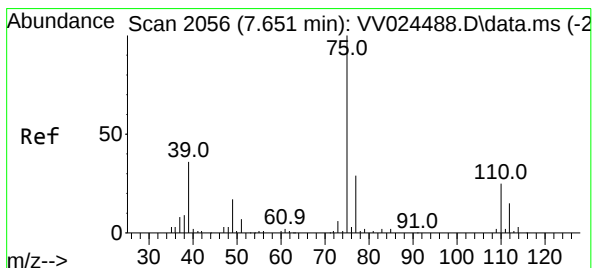
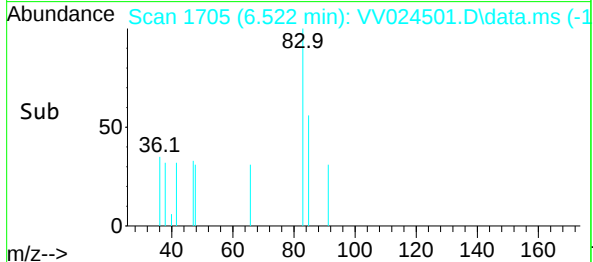
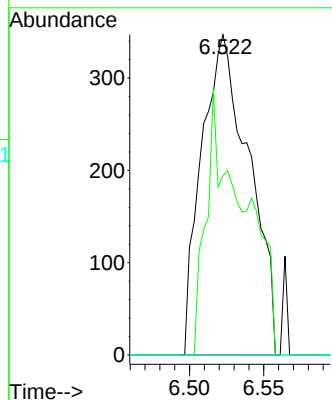
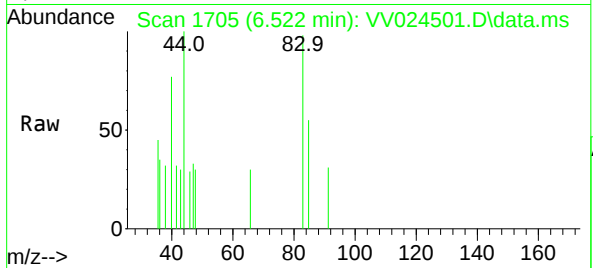




#38
Bromodichloromethane
Concen: 0.075 ug/L
RT: 6.522 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV024501.D
Acq: 28 Jan 2022 21:08

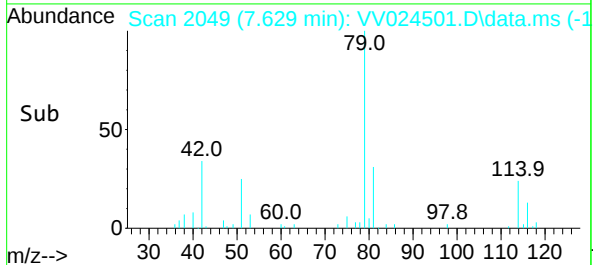
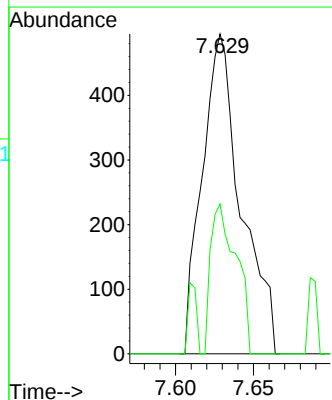
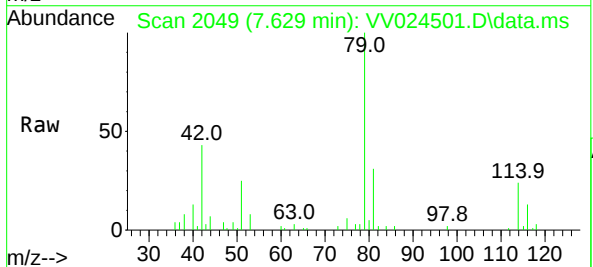
Instrument :
MSVOA_V
ClientSampleId :
COHN0

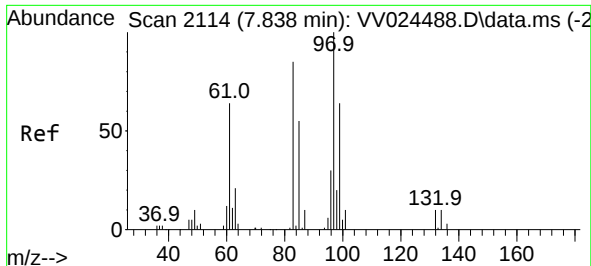
Tgt Ion: 83 Resp: 771
Ion Ratio Lower Upper
83 100
85 55.9 44.0 81.8
127 0.0 8.6 12.8#



#44
trans-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.023 min
Lab File: VV024501.D
Acq: 28 Jan 2022 21:08

Tgt Ion: 75 Resp: 857
Ion Ratio Lower Upper
75 100
77 46.9 21.8 40.4#





#45

1,1,2-Trichloroethane

Concen: 0.349 ug/L

RT: 7.976 min Scan# 2114

Delta R.T. 0.138 min

Lab File: VV024501.D

Acq: 28 Jan 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

COHN0

Tgt Ion: 97 Resp: 1787

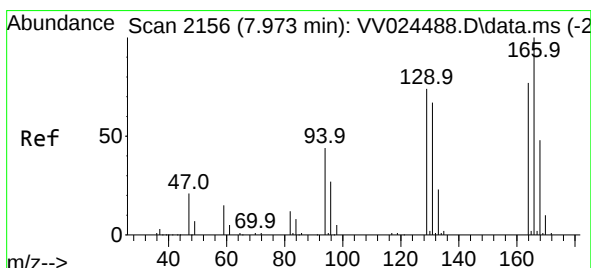
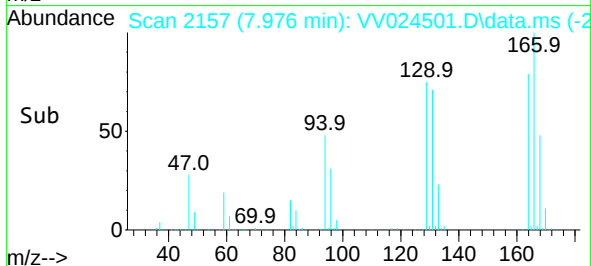
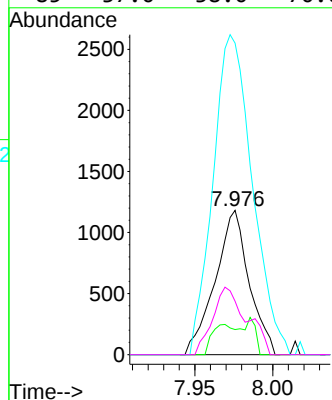
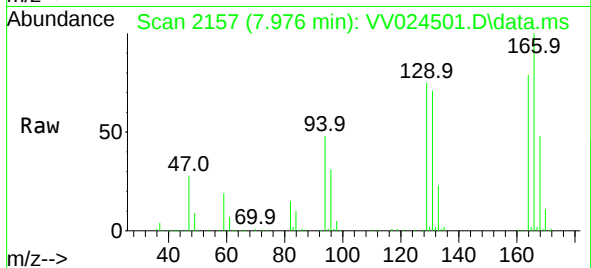
Ion Ratio Lower Upper

97 100

99 17.4 43.1 80.1#

83 215.9 57.9 107.5#

85 37.0 38.0 70.6#



#47

Tetrachloroethene

Concen: 27.578 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024501.D

Acq: 28 Jan 2022 21:08

Tgt Ion:164 Resp: 189088

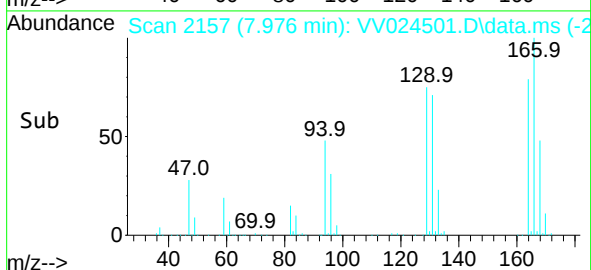
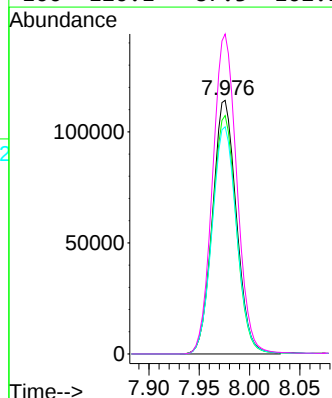
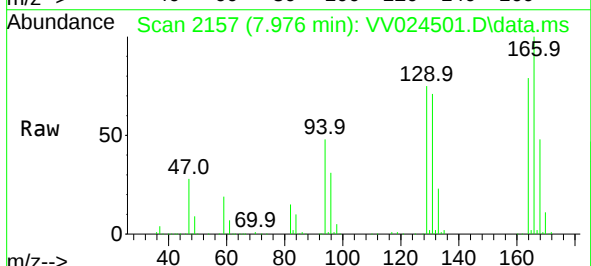
Ion Ratio Lower Upper

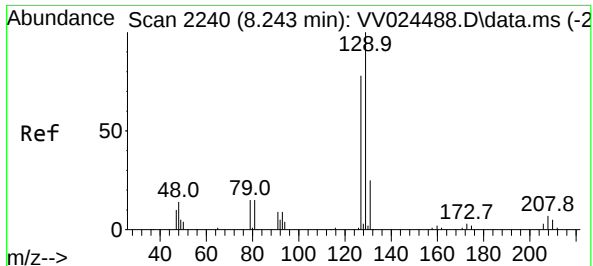
164 100

129 94.0 62.6 116.2

131 89.6 61.0 113.4

166 126.1 87.3 162.1





#49

Dibromochloromethane

Concen: 27.311 ug/L

RT: 7.976 min Scan# 21

Delta R.T. -0.267 min

Lab File: VV024501.D

Acq: 28 Jan 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

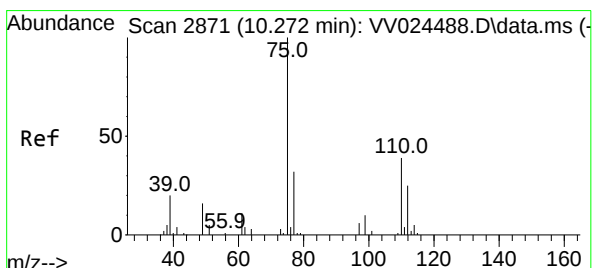
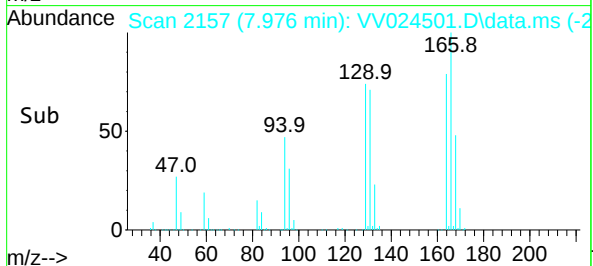
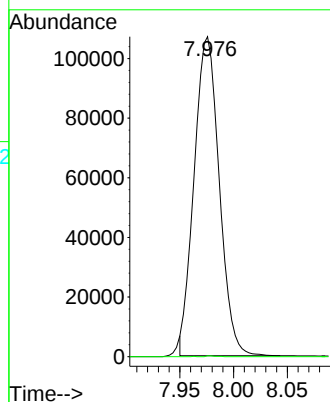
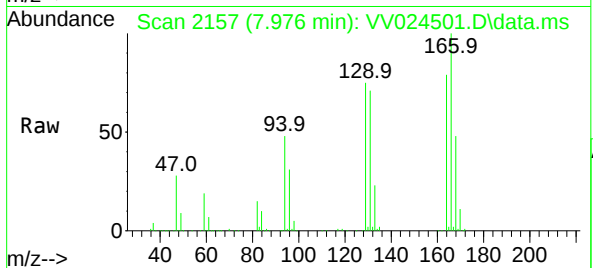
COHNO

Tgt Ion:129 Resp: 173863

Ion Ratio Lower Upper

129 100

127 0.3 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 2.072 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024501.D

Acq: 28 Jan 2022 21:08

Tgt Ion: 75 Resp: 6686

Ion Ratio Lower Upper

75 100

77 31.9 26.4 39.6

110 3.3 34.2 51.2#

