

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024504.D
 Acq On : 28 Jan 2022 22:18
 Operator : SY/MD
 Sample : N1328-14 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

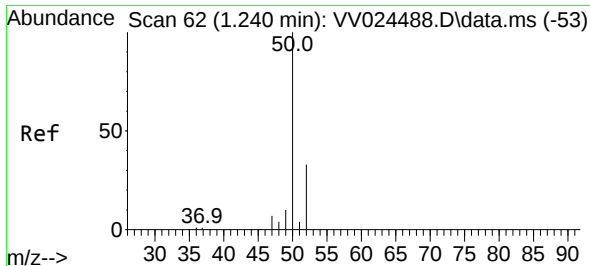
Instrument :
 MSVOA_V
 ClientSampleId :
 COHN3

Quant Time: Jan 29 03:55:10 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	101756	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.854	117	115399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40968	4.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.568	69	45589	5.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.200%
11) 1,1-Dichloroethene-d2	2.108	63	75068	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.908	46	69984	49.257	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.520%
24) Chloroform-d	4.349	84	96194	5.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
26) 1,2-Dichloroethane-d4	5.034	65	47523	6.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.000%
32) Benzene-d6	5.053	84	160319	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.069	67	58266	5.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.317	98	122523	3.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.625	79	16645	4.466	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.092	63	69048	54.186	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36524	5.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	45834	5.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	550	0.053	ug/L	# 55
6) Bromomethane	1.519	94	264	0.040	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	754	0.093	ug/L	# 18
12) 1,1-Dichloroethene	2.121	96	7868	1.029	ug/L	# 1
19) 1,1-Dichloroethane	3.195	63	1489	0.109	ug/L	# 87
22) cis-1,2-Dichloroethene	3.921	96	3218	0.437	ug/L	86
25) Chloroform	4.378	83	4696	0.302	ug/L	85
34) Trichloroethene	5.918	95	30623	3.508	ug/L	91
35) Methylcyclohexane	6.069	83	13550	1.052	ug/L	# 19
38) Bromodichloromethane	6.513	83	388	0.038	ug/L	# 82
47) Tetrachloroethene	7.976	164	214095	31.130	ug/L	97
49) Dibromochloromethane	7.973	129	199053	31.173	ug/L	# 11
61) 1,2,3-Trichloropropane	11.249	75	6400	1.968	ug/L	# 63

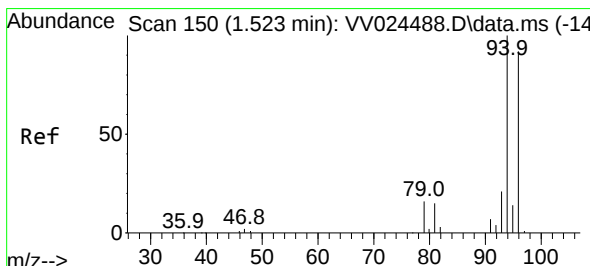
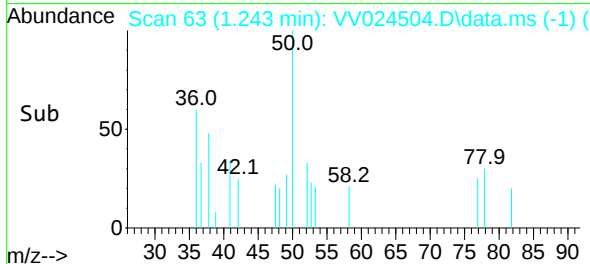
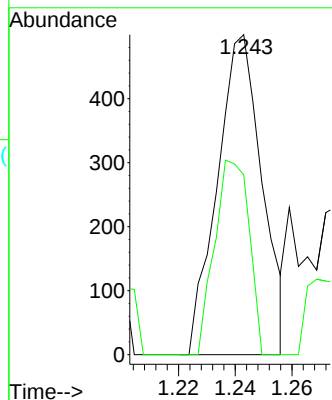
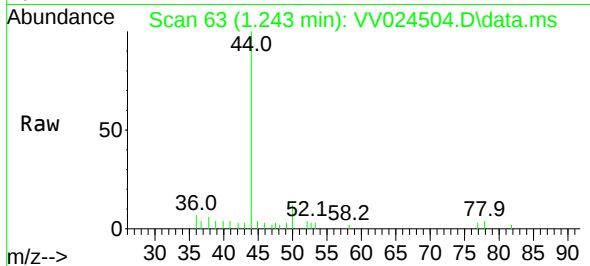
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024504.D
Acq: 28 Jan 2022 22:18

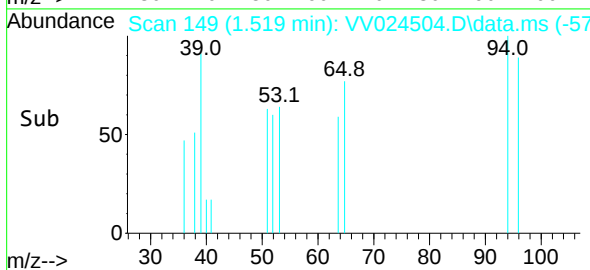
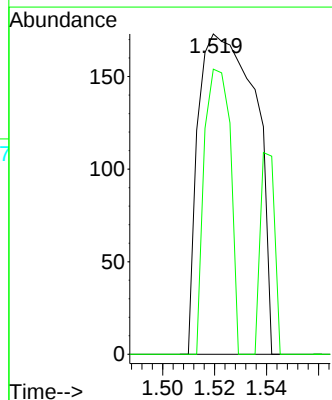
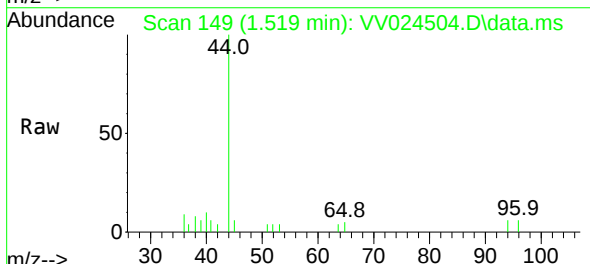
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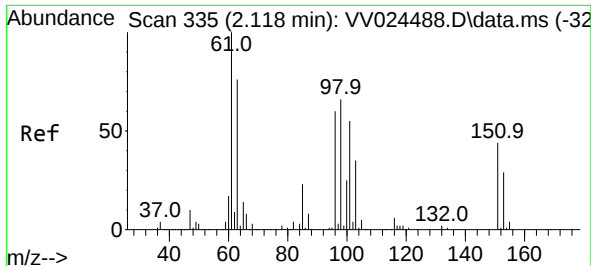
Tgt Ion: 50 Resp: 550
Ion Ratio Lower Upper
50 100
52 56.2 22.0 41.0#



#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV024504.D
Acq: 28 Jan 2022 22:18

Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 89.0 66.2 123.0

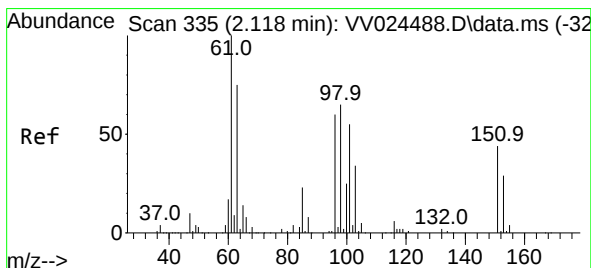
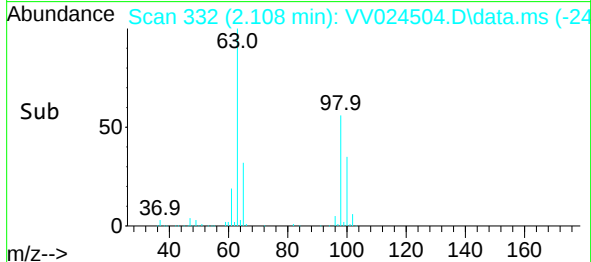
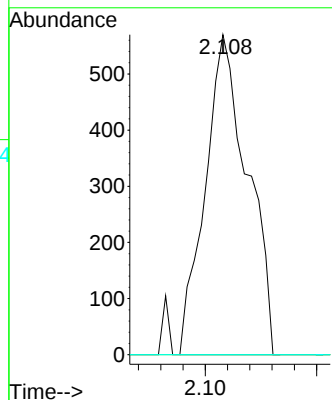
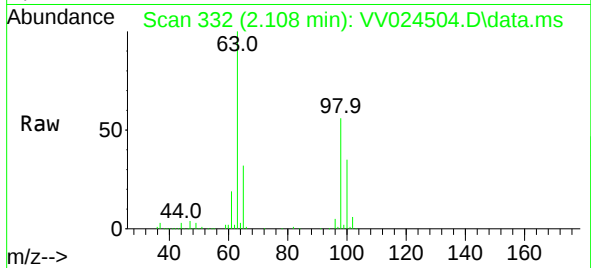




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.093 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV024504.D
 Acq: 28 Jan 2022 22:18

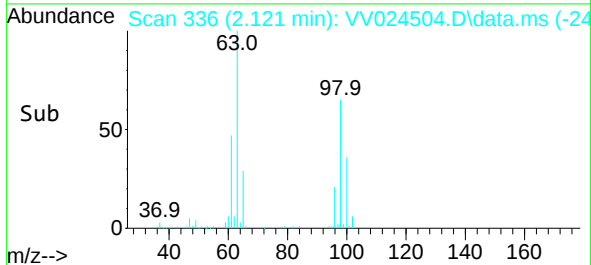
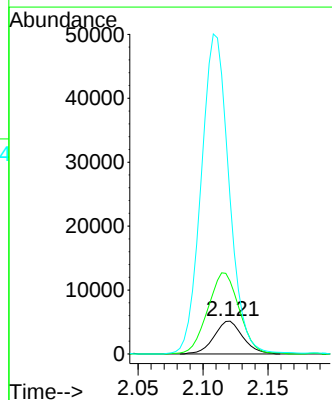
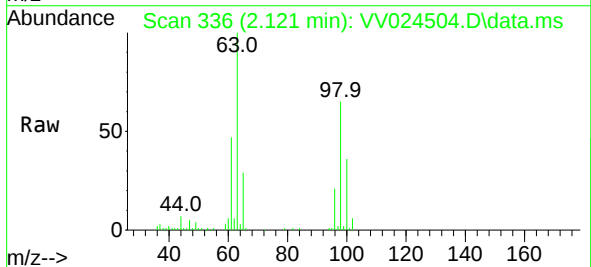
Instrument :
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 ClientSampleId :
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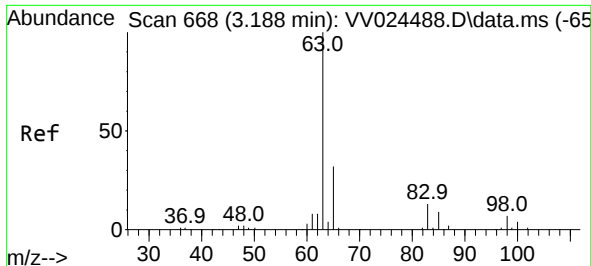
Tgt Ion:101 Resp: 754
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.0 54.0#
 151 2.7 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 1.029 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024504.D
 Acq: 28 Jan 2022 22:18

Tgt Ion: 96 Resp: 7868
 Ion Ratio Lower Upper
 96 100
 61 221.5 116.1 215.5#
 63 473.2 79.4 147.4#





#19

1,1-Dichloroethane

Concen: 0.109 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV024504.D

Acq: 28 Jan 2022 22:18

Instrument :

MSVOA_V

ClientSampleId :

COHN3

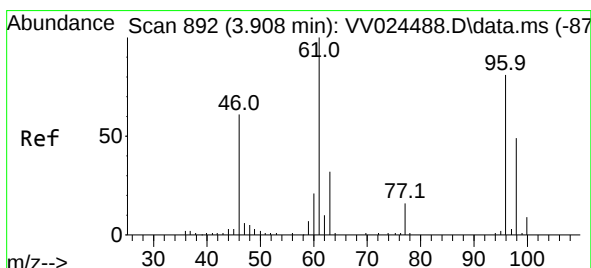
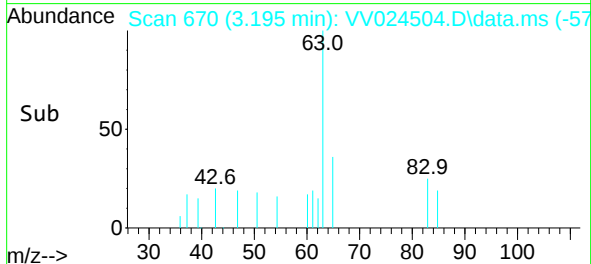
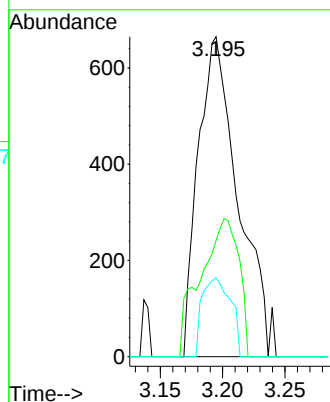
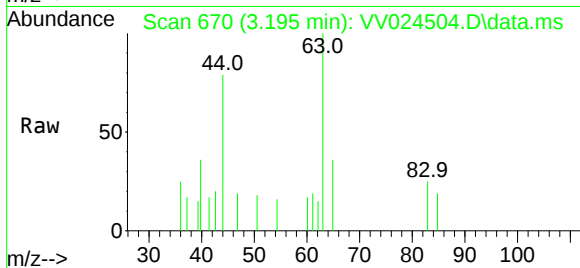
Tgt Ion: 63 Resp: 1489

Ion Ratio Lower Upper

63 100

65 36.2 22.3 41.3

83 24.7 10.7 19.9#



#22

cis-1,2-Dichloroethene

Concen: 0.437 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.013 min

Lab File: VV024504.D

Acq: 28 Jan 2022 22:18

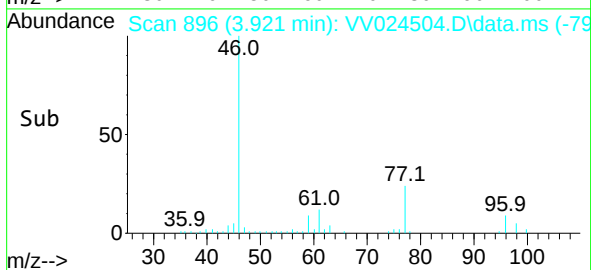
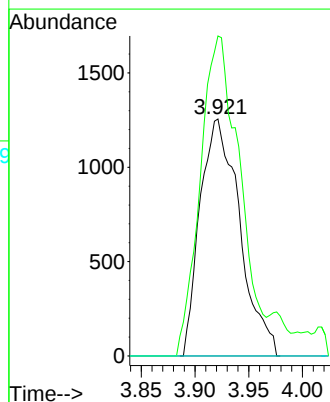
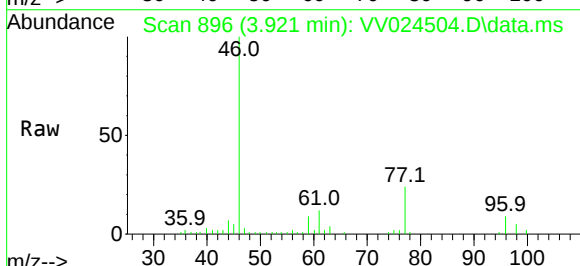
Tgt Ion: 96 Resp: 3218

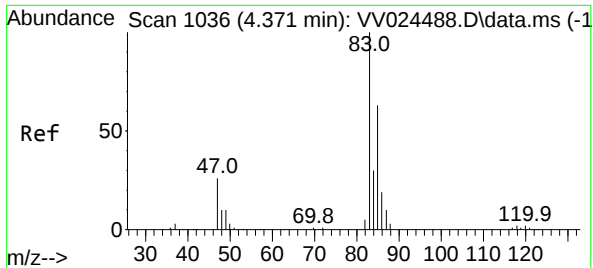
Ion Ratio Lower Upper

96 100

61 135.0 83.4 154.8

68 0.0 0.0 0.0

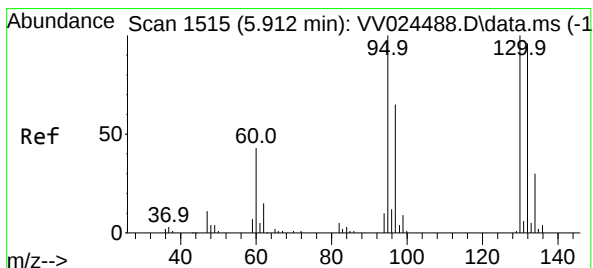
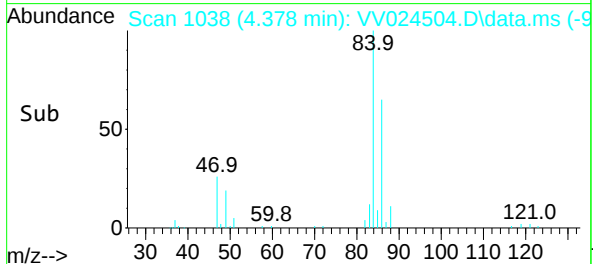
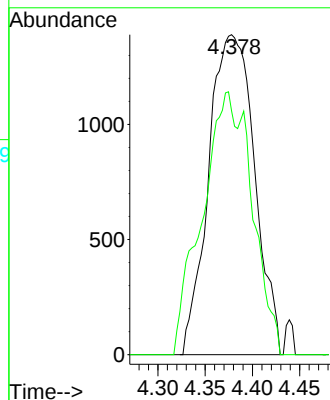
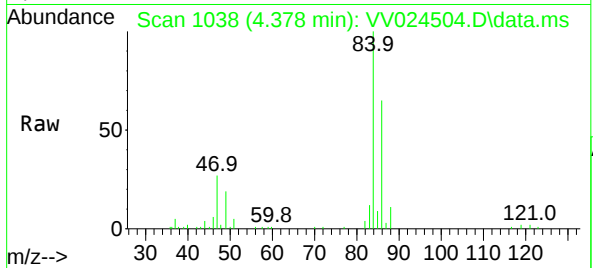




#25
Chloroform
Concen: 0.302 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV024504.D
Acq: 28 Jan 2022 22:18

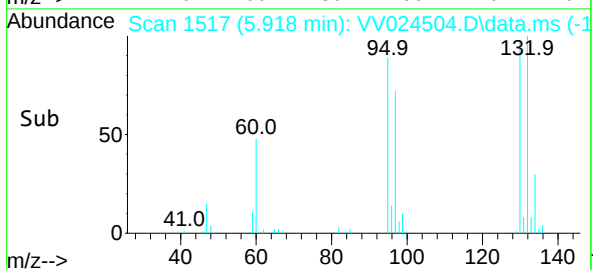
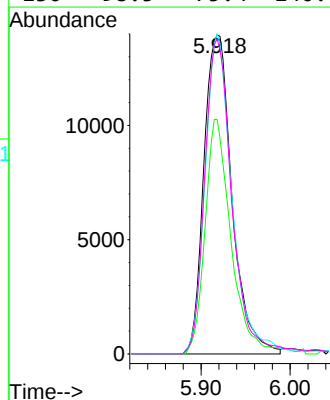
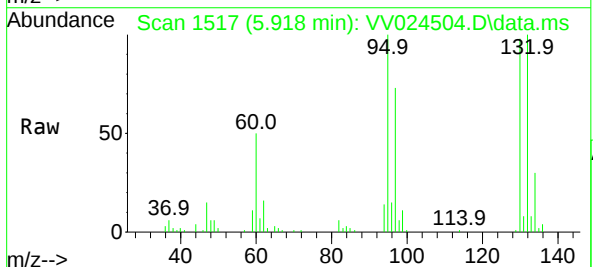
Instrument :
MSVOA_V
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COHN3

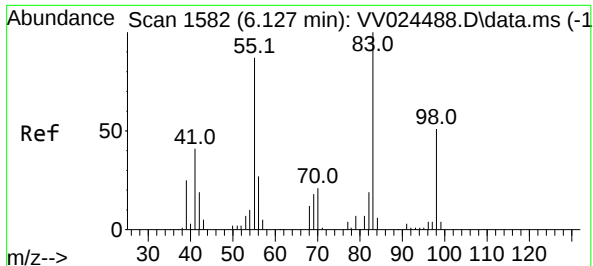
Tgt Ion: 83 Resp: 4696
Ion Ratio Lower Upper
83 100
85 76.2 45.2 84.0



#34
Trichloroethene
Concen: 3.508 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV024504.D
Acq: 28 Jan 2022 22:18

Tgt Ion: 95 Resp: 30623
Ion Ratio Lower Upper
95 100
97 73.4 45.2 84.0
132 100.2 76.1 141.3
130 98.5 75.4 140.0

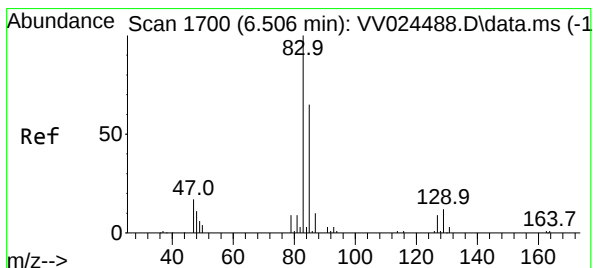
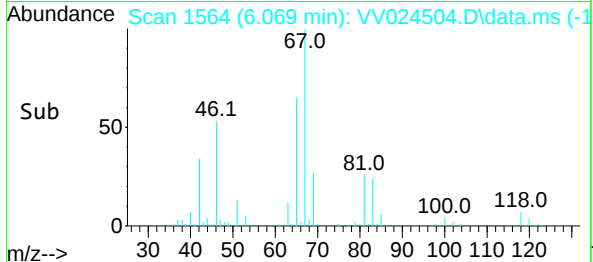
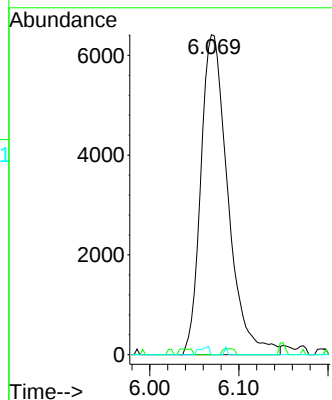
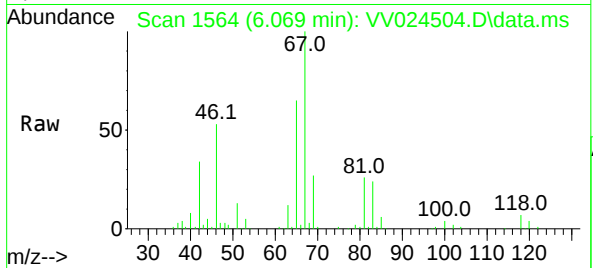




#35
Methylcyclohexane
Concen: 1.052 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV024504.D
Acq: 28 Jan 2022 22:18

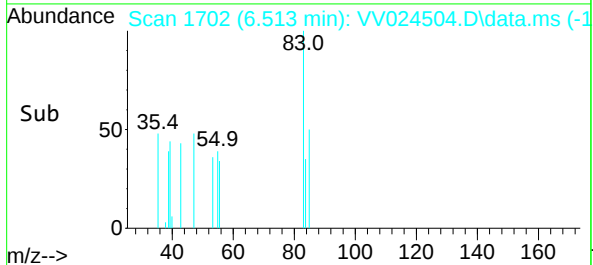
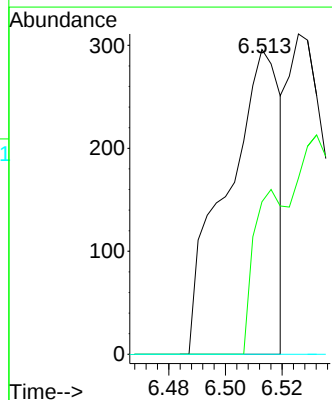
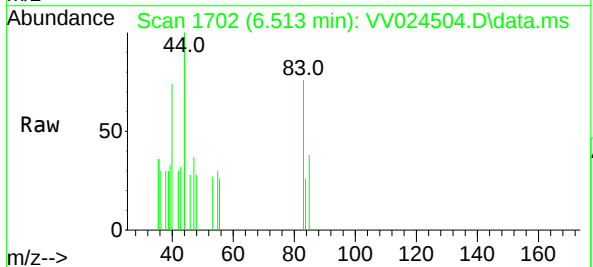
Instrument :
MSVOA_V
ClientSampleId :
COHN3

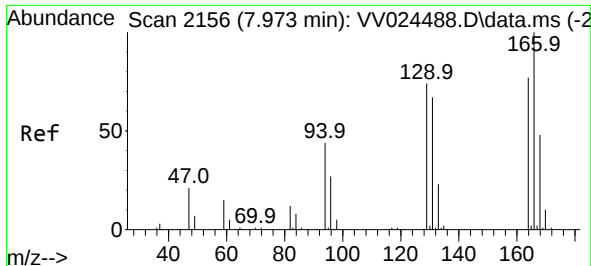
Tgt Ion: 83 Resp: 13550
Ion Ratio Lower Upper
83 100
55 0.8 60.2 90.2#
98 0.9 41.0 61.4#



#38
Bromodichloromethane
Concen: 0.038 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV024504.D
Acq: 28 Jan 2022 22:18

Tgt Ion: 83 Resp: 388
Ion Ratio Lower Upper
83 100
85 50.0 44.0 81.8
127 0.0 8.6 12.8#





#47

Tetrachloroethene

Concen: 31.130 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV024504.D

Acq: 28 Jan 2022 22:18

Instrument :

MSVOA_V

ClientSampleId :

COHN3

Tgt Ion:164 Resp: 214095

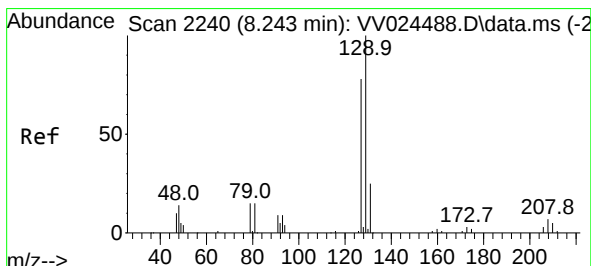
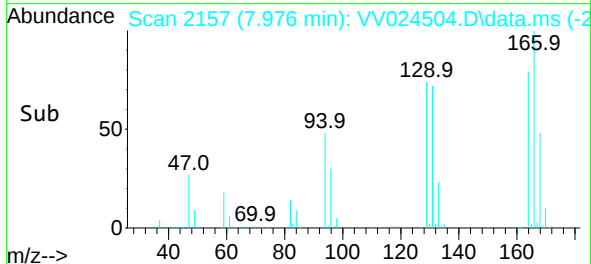
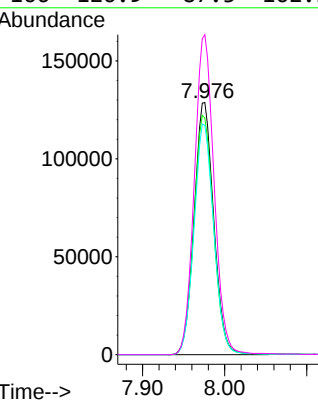
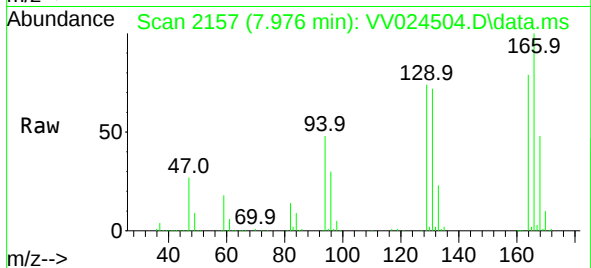
Ion Ratio Lower Upper

164 100

129 93.9 62.6 116.2

131 91.0 61.0 113.4

166 126.9 87.3 162.1



#49

Dibromochloromethane

Concen: 31.173 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV024504.D

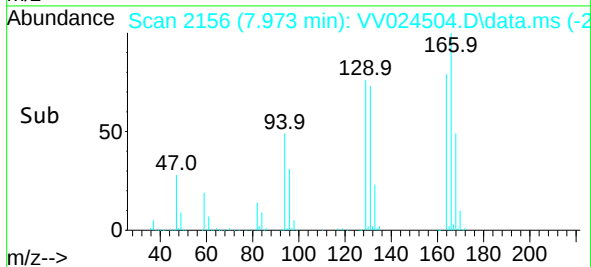
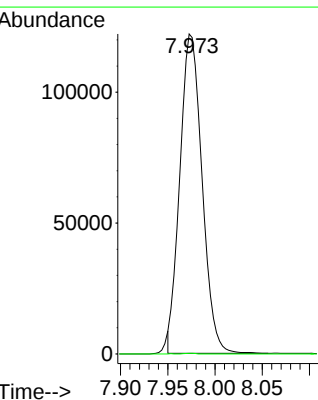
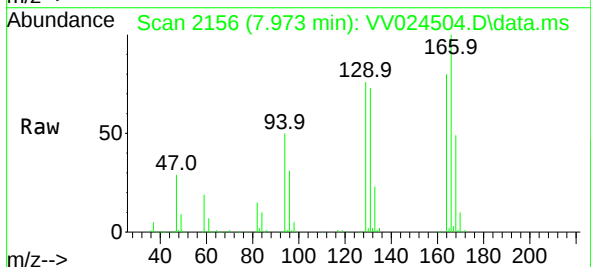
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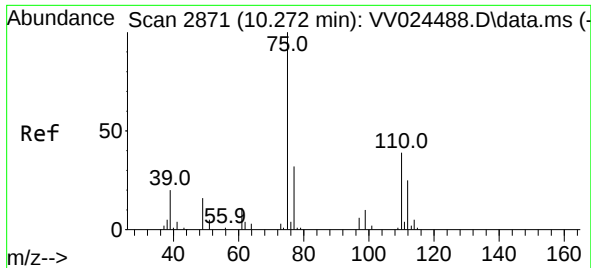
Tgt Ion:129 Resp: 199053

Ion Ratio Lower Upper

129 100

127 0.2 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.968 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV024504.D

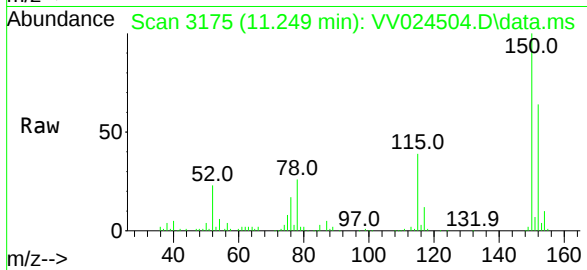
Acq: 28 Jan 2022 22:18

Instrument :

MSVOA_V

ClientSampleId :

COHN3



Tgt Ion: 75	Resp:	6400
Ion	Ratio	Lower Upper
75	100	
77	33.6	26.4 39.6
110	1.3	34.2 51.2#

