

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024509.D
 Acq On : 29 Jan 2022 00:14
 Operator : SY/MD
 Sample : N1328-19 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHN8

Quant Time: Jan 29 03:56:24 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)

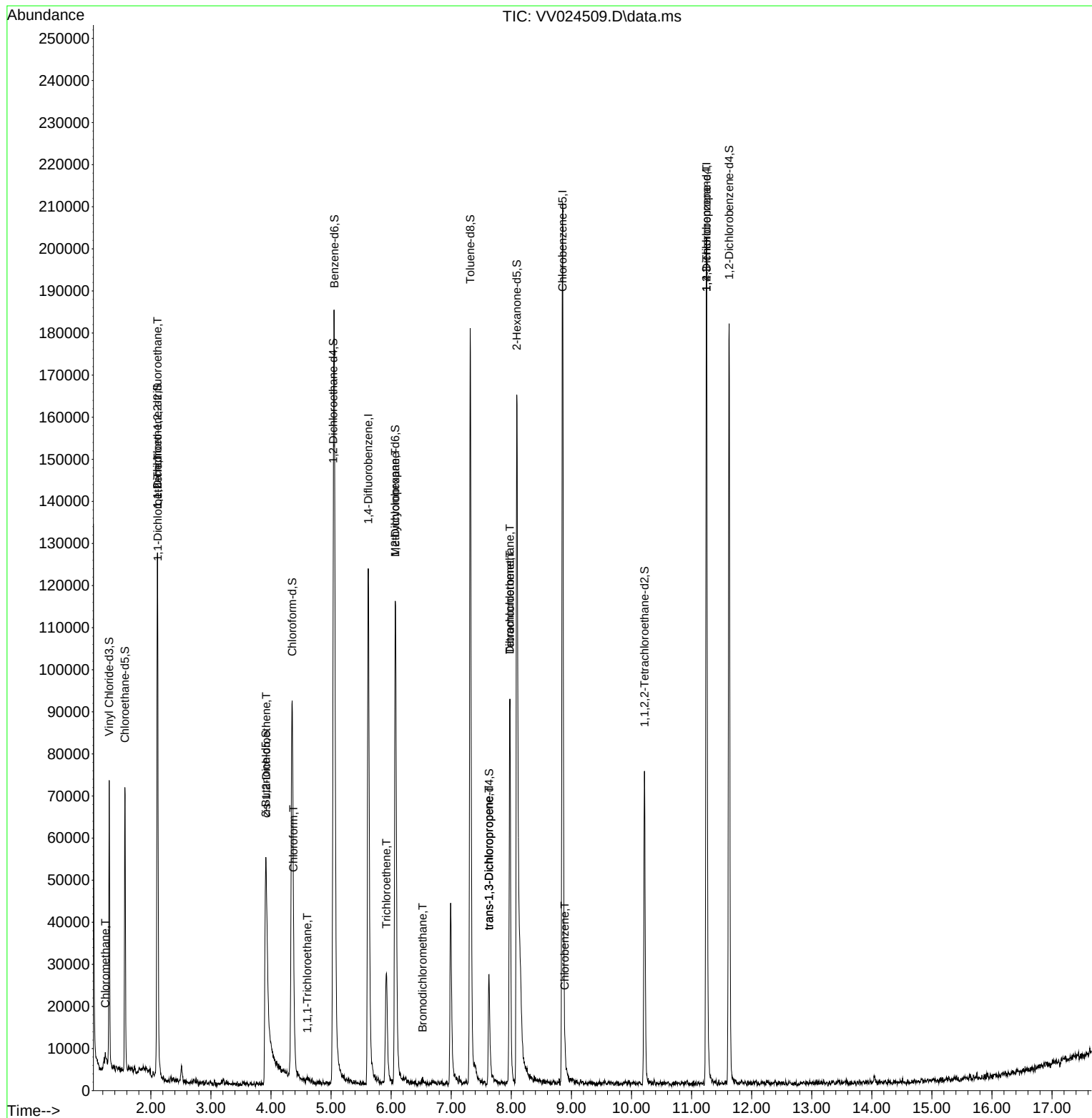
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39378	4.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.568	69	42768	5.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.111	63	67484	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.912	46	78382	56.107	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.220%
24) Chloroform-d	4.352	84	93086	5.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.000%
26) 1,2-Dichloroethane-d4	5.037	65	46793	6.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.200%
32) Benzene-d6	5.053	84	156218	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.069	67	57208	5.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.317	98	118299	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.629	79	16200	4.476	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.092	63	64932	52.467	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35710	5.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	44944	5.100	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
3) Chloromethane	1.243	50	1030	0.100	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	879	0.111	ug/L #	16
12) 1,1-Dichloroethene	2.114	96	1522	0.202	ug/L #	1
22) cis-1,2-Dichloroethene	3.918	96	14394	1.986	ug/L	87
25) Chloroform	4.375	83	4787	0.313	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	572	0.044	ug/L #	50
34) Trichloroethene	5.921	95	8927	1.053	ug/L	85
35) Methylcyclohexane	6.069	83	13405	1.072	ug/L #	19
38) Bromodichloromethane	6.523	83	389	0.039	ug/L #	32
44) trans-1,3-Dichloropropene	7.625	75	912	0.110	ug/L #	63
47) Tetrachloroethene	7.976	164	20301	3.039	ug/L	93
49) Dibromochloromethane	7.976	129	18336	2.957	ug/L #	11
51) Chlorobenzene	8.889	112	1847	0.090	ug/L	94
61) 1,2,3-Trichloropropane	11.249	75	7085	2.225	ug/L #	64

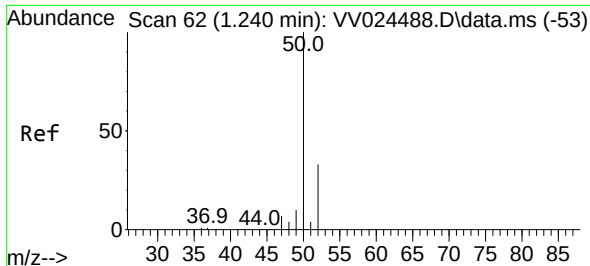
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

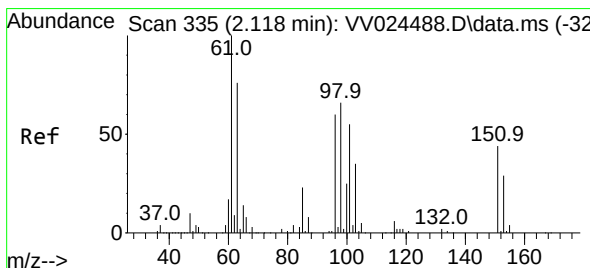
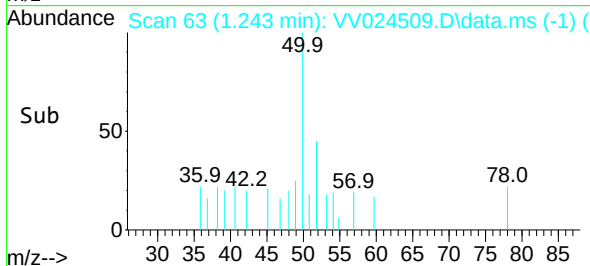
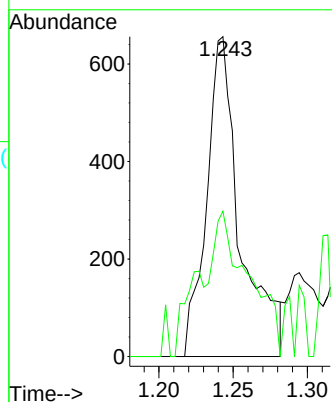
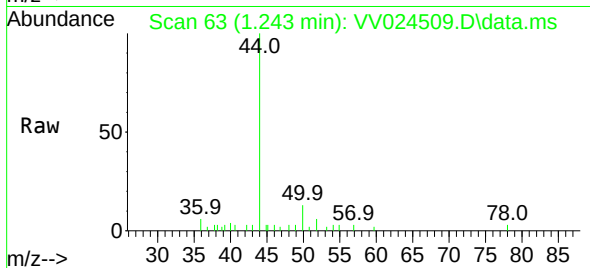




#3
Chloromethane
Concen: 0.100 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

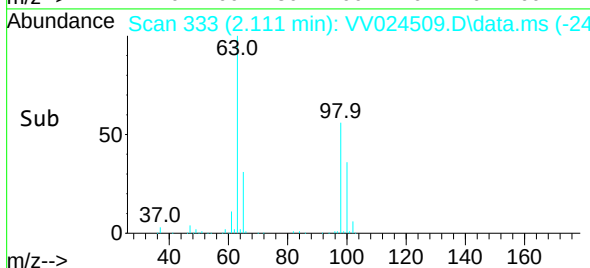
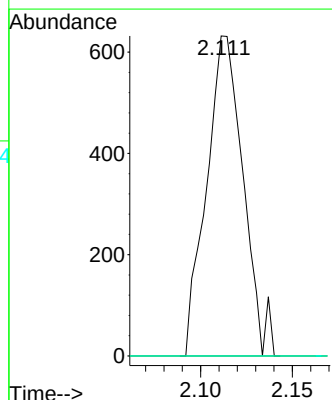
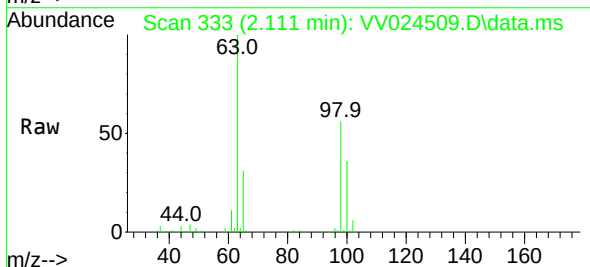
Instrument :
MSVOA_V
ClientSampleId :
COHN8

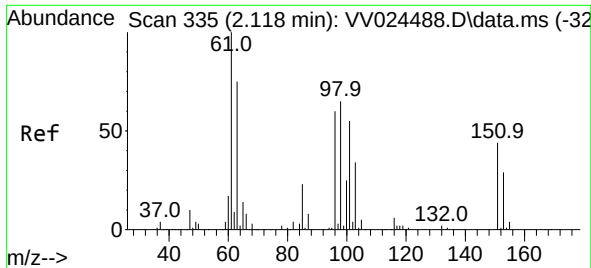
Tgt Ion: 50 Resp: 1030
Ion Ratio Lower Upper
50 100
52 45.4 22.0 41.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.111 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

Tgt Ion: 101 Resp: 879
Ion Ratio Lower Upper
101 100
85 0.0 36.0 54.0#
151 0.0 66.4 99.6#

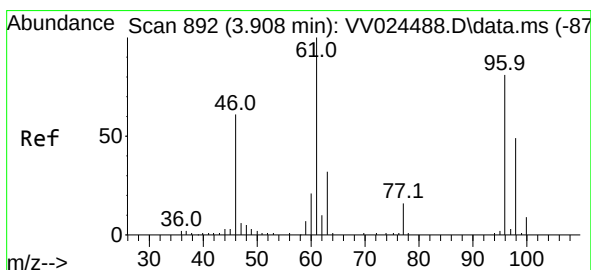
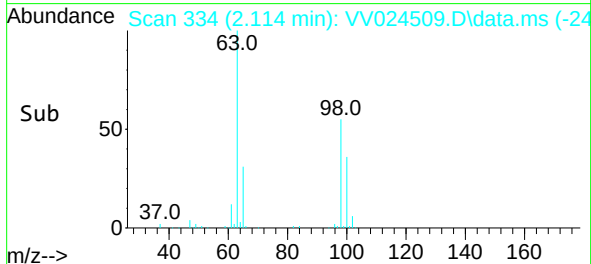
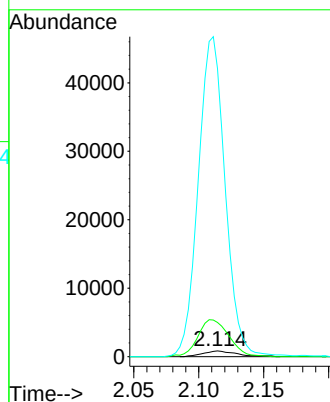
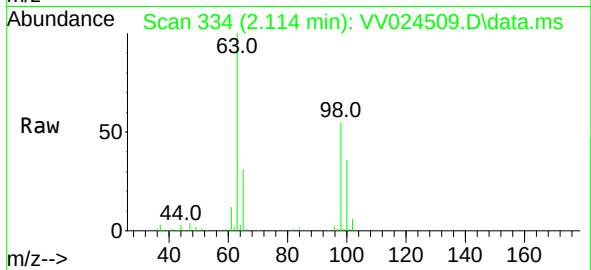




#12
1,1-Dichloroethene
Concen: 0.202 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

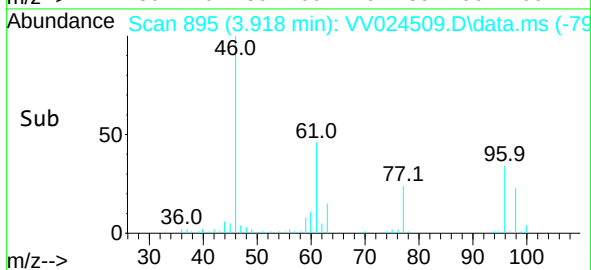
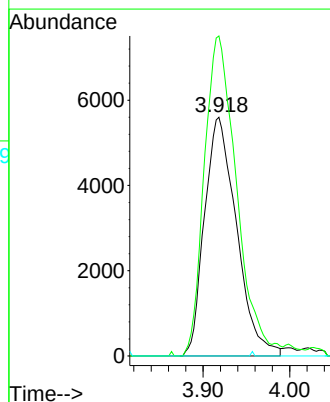
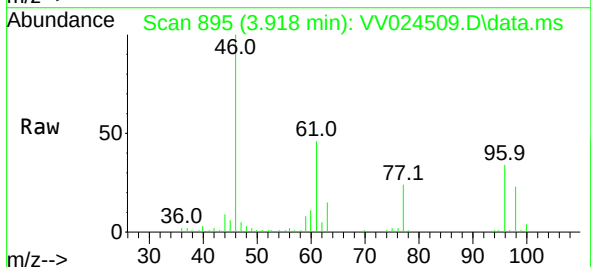
Instrument :
MSVOA_V
ClientSampleId :
COHN8

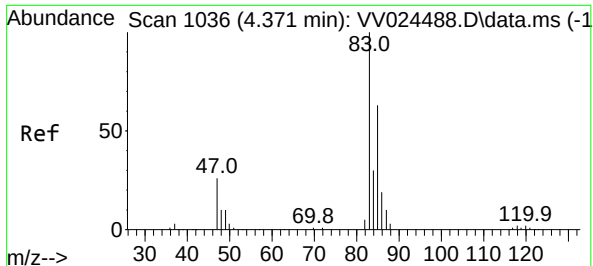
Tgt Ion: 96 Resp: 1522
Ion Ratio Lower Upper
96 100
61 593.2 116.1 215.5#
63 5003.3 79.4 147.4#



#22
cis-1,2-Dichloroethene
Concen: 1.986 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

Tgt Ion: 96 Resp: 14394
Ion Ratio Lower Upper
96 100
61 134.0 83.4 154.8
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.313 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024509.D

Acq: 29 Jan 2022 00:14

Instrument :

MSVOA_V

ClientSampleId :

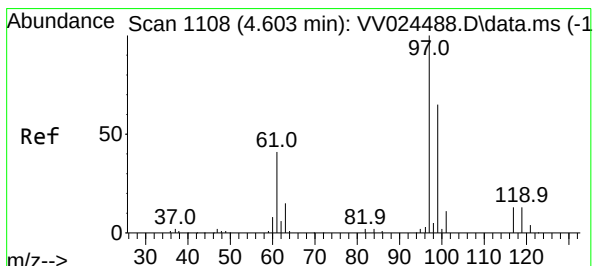
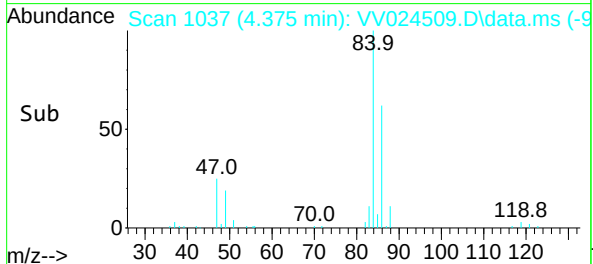
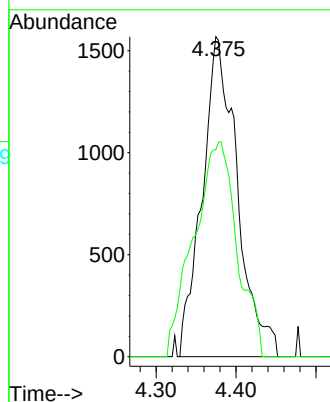
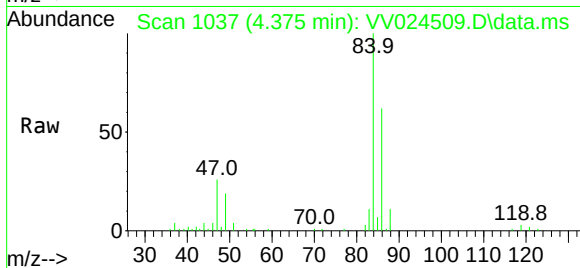
COHN8

Tgt Ion: 83 Resp: 4787

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.044 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV024509.D

Acq: 29 Jan 2022 00:14

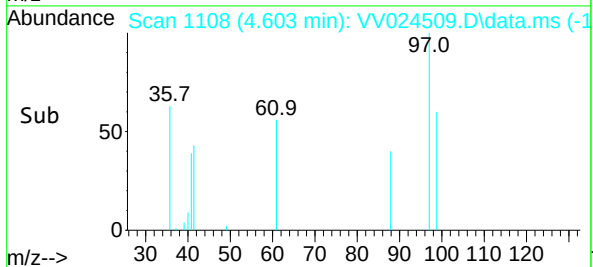
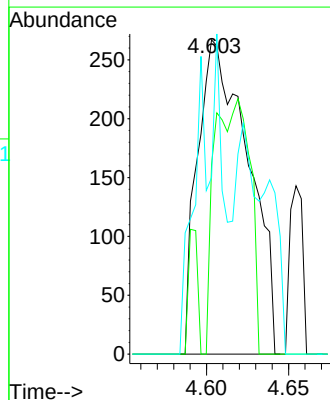
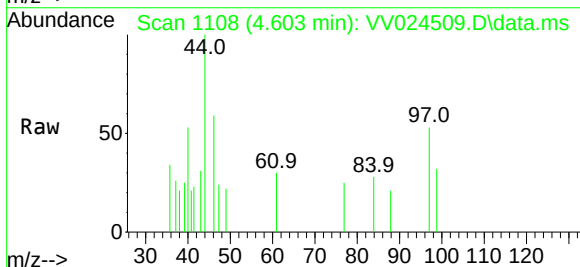
Tgt Ion: 97 Resp: 572

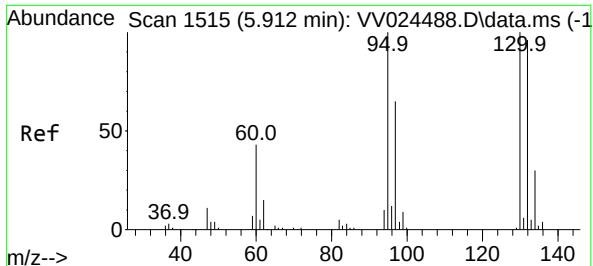
Ion Ratio Lower Upper

97 100

99 25.5 51.9 77.9#

61 10.7 33.2 49.8#



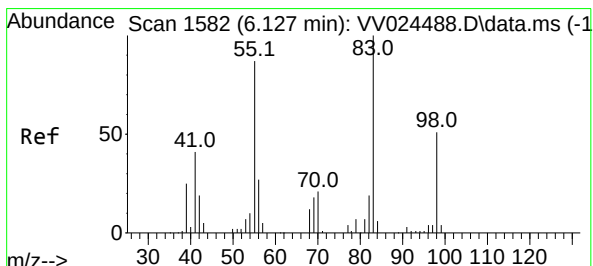
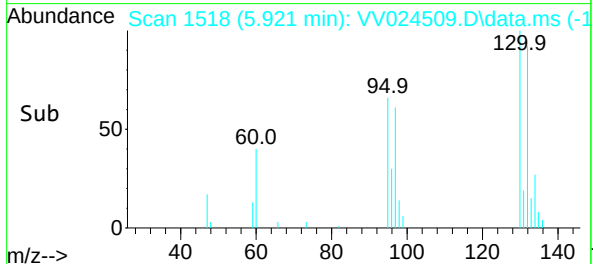
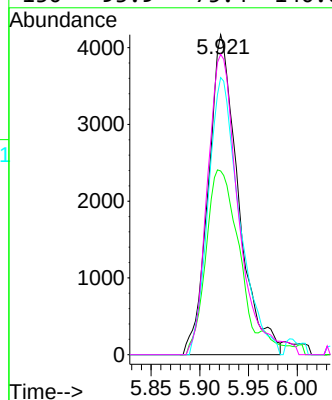
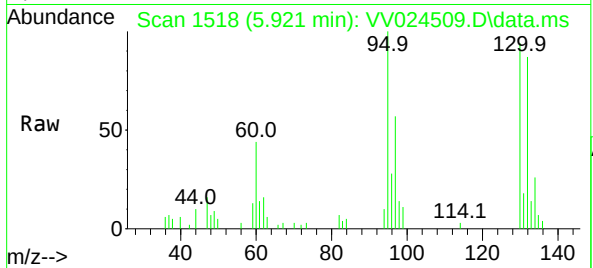


#34
Trichloroethene
Concen: 1.053 ug/L
RT: 5.921 min Scan# 1515
Delta R.T. 0.010 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

Instrument :
MSVOA_V
ClientSampleId :
COHN8

Tgt Ion: 95 Resp: 8927

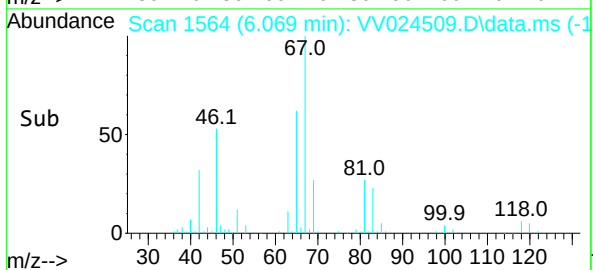
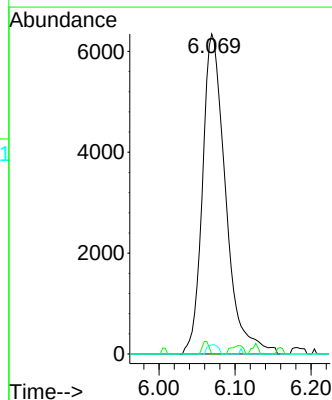
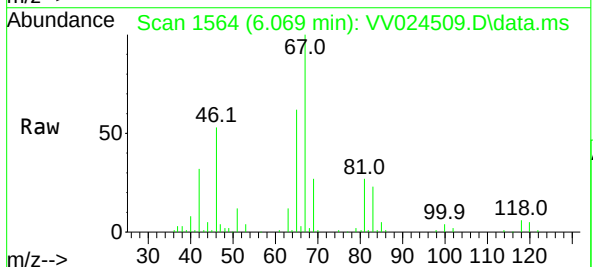
Ion	Ratio	Lower	Upper
95	100		
97	57.4	45.2	84.0
132	86.6	76.1	141.3
130	93.9	75.4	140.0

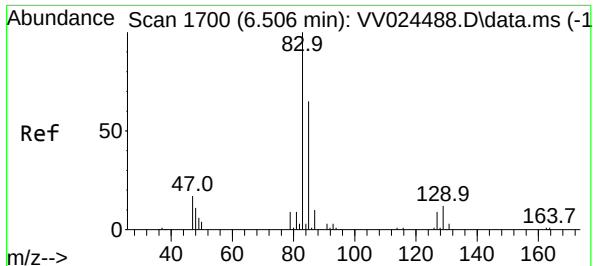


#35
Methylcyclohexane
Concen: 1.072 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

Tgt Ion: 83 Resp: 13405

Ion	Ratio	Lower	Upper
83	100		
55	1.1	60.2	90.2#
98	1.3	41.0	61.4#

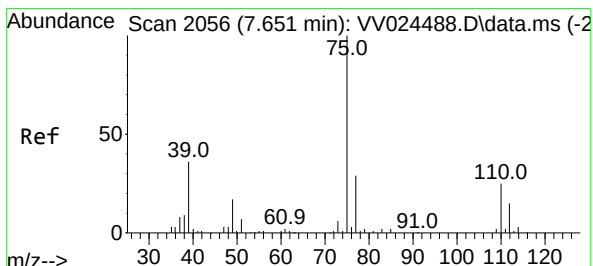
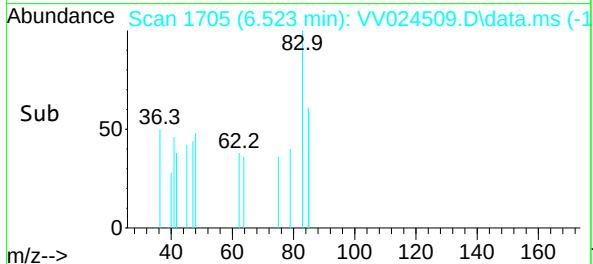
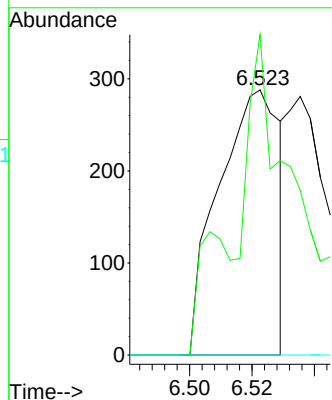
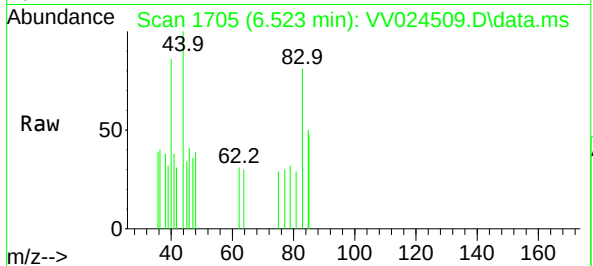




#38
Bromodichloromethane
Concen: 0.039 ug/L
RT: 6.523 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

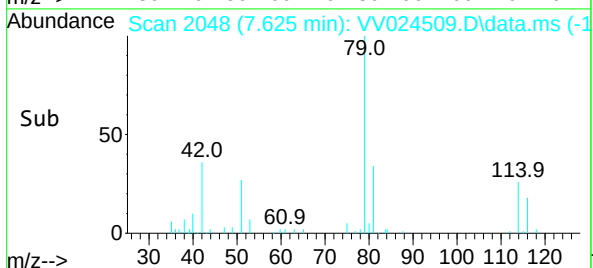
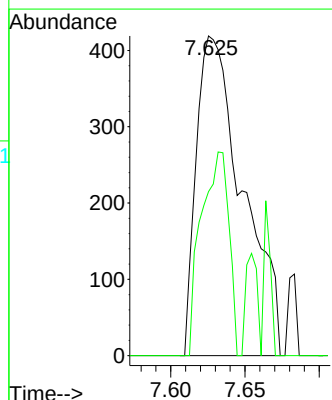
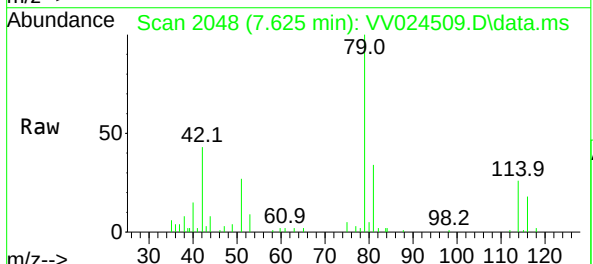
Instrument :
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ClientSampleId :
COHN8

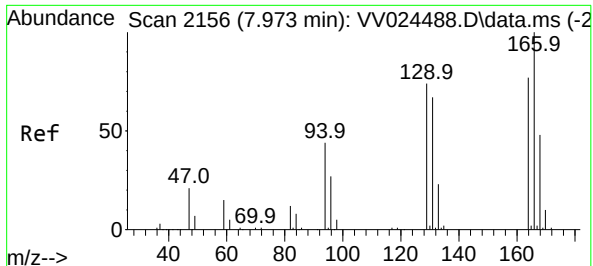
Tgt Ion: 83 Resp: 389
Ion Ratio Lower Upper
83 100
85 120.8 44.0 81.8#
127 0.0 8.6 12.8#



#44
trans-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

Tgt Ion: 75 Resp: 912
Ion Ratio Lower Upper
75 100
77 51.3 21.8 40.4#

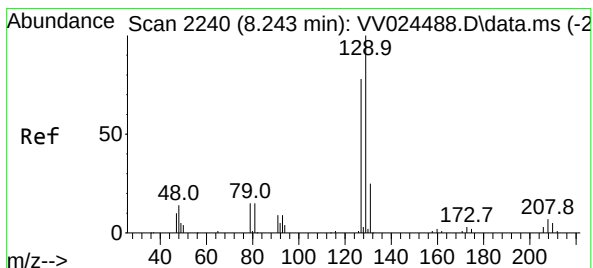
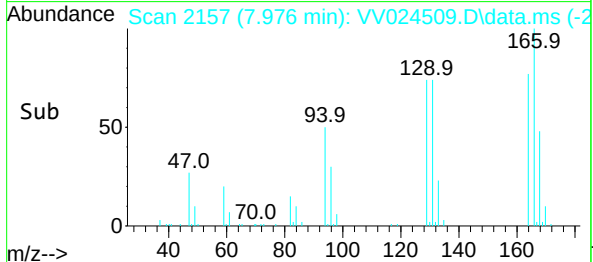
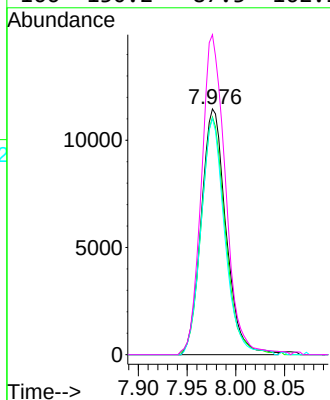
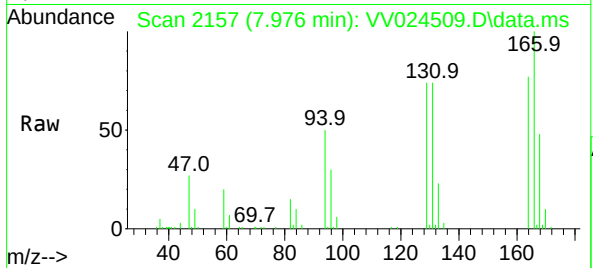




#47
Tetrachloroethene
Concen: 3.039 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

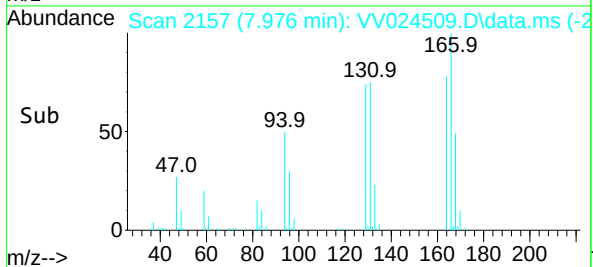
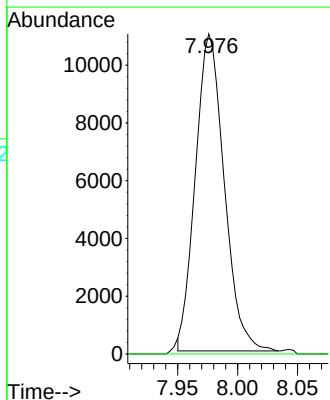
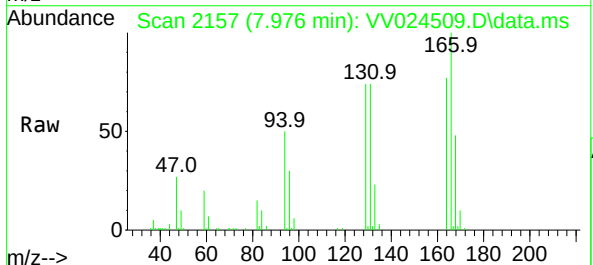
Instrument :
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COHN8

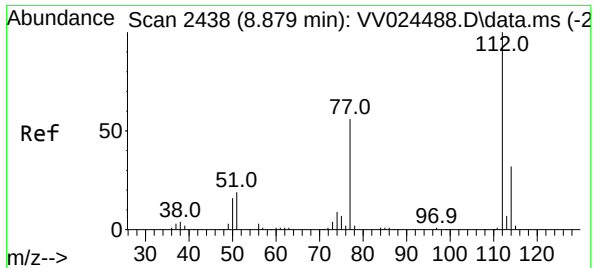
Tgt Ion:164	Resp:	20301
Ion Ratio	Lower	Upper
164	100	
129	96.6	62.6 116.2
131	96.1	61.0 113.4
166	130.2	87.3 162.1



#49
Dibromochloromethane
Concen: 2.957 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV024509.D
Acq: 29 Jan 2022 00:14

Tgt Ion:129	Resp:	18336
Ion Ratio	Lower	Upper
129	100	
127	0.0	53.5 99.3#





#51

Chlorobenzene

Concen: 0.090 ug/L

RT: 8.889 min Scan# 24

Delta R.T. 0.010 min

Lab File: VV024509.D

Acq: 29 Jan 2022 00:14

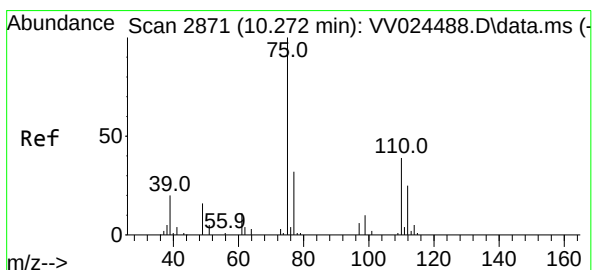
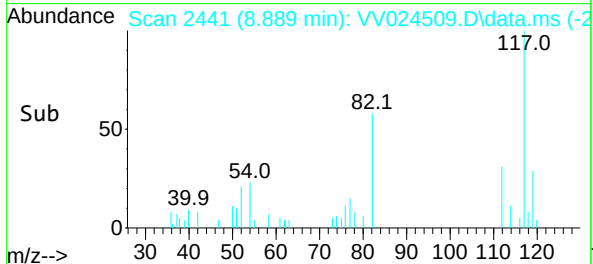
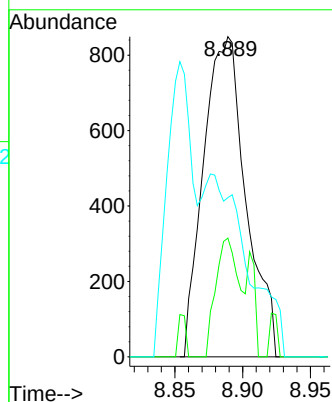
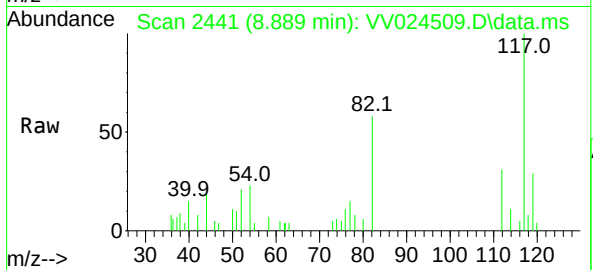
Instrument :

MSVOA_V

ClientSampleId :

COHN8

Tgt Ion:	112	Resp:	1847
Ion Ratio	Lower	Upper	
112	100		
114	37.1	23.3	43.3
77	49.7	43.3	64.9



#61

1,2,3-Trichloropropane

Concen: 2.225 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV024509.D

Acq: 29 Jan 2022 00:14

Tgt Ion:	75	Resp:	7085
Ion Ratio	Lower	Upper	
75	100		
77	34.7	26.4	39.6
110	2.9	34.2	51.2#

