

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024499.D
 Acq On : 28 Jan 2022 20:21
 Operator : SY/MD
 Sample : N1328-09 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

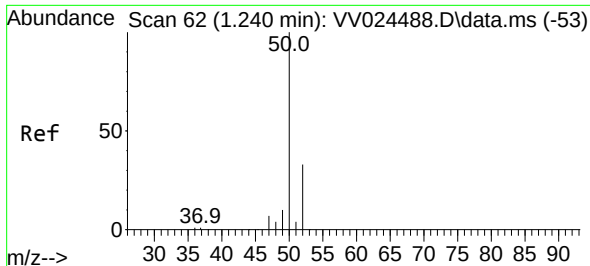
Instrument :
 MSVOA_V
 ClientSampleId :
 COHM8

Quant Time: Jan 29 03:53:50 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	111043	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	120134	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39833	4.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.568	69	42085	4.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.108	63	67283	3.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.915	46	72220	46.579	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.160%
24) Chloroform-d	4.349	84	91889	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.037	65	46047	5.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.050	84	155901	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.069	67	57271	5.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.316	98	119357	3.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	7.628	79	16411	4.230	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.091	63	61550	46.398	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36591	5.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	43435	4.659	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	607	0.053	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	799	0.091	ug/L #	20
12) 1,1-Dichloroethene	2.117	96	2850	0.342	ug/L #	1
19) 1,1-Dichloroethane	3.194	63	1714	0.115	ug/L	97
22) cis-1,2-Dichloroethene	3.921	96	1396	0.174	ug/L #	62
25) Chloroform	4.374	83	4279	0.252	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	864	0.062	ug/L #	49
34) Trichloroethene	5.921	95	4440	0.489	ug/L	83
35) Methylcyclohexane	6.069	83	13904	1.037	ug/L #	19
38) Bromodichloromethane	6.526	83	625	0.058	ug/L #	83
44) trans-1,3-Dichloropropene	7.628	75	957	0.108	ug/L	89
47) Tetrachloroethene	7.976	164	23351	3.261	ug/L	95
49) Dibromochloromethane	7.976	129	21371	3.215	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6714	1.993	ug/L #	61

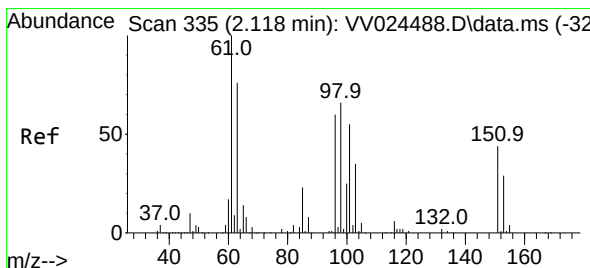
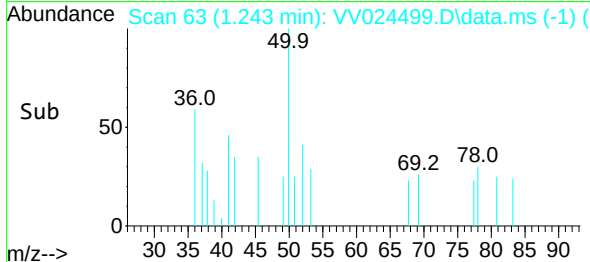
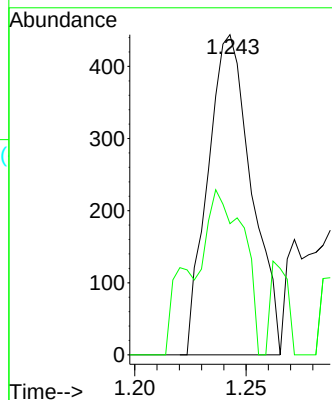
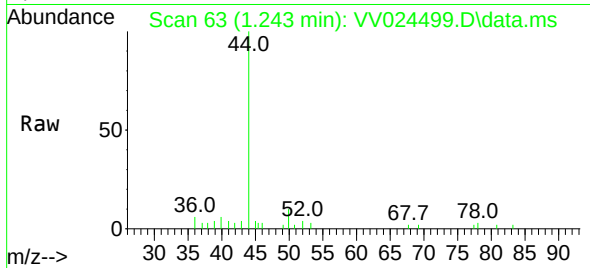
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024499.D
Acq: 28 Jan 2022 20:21

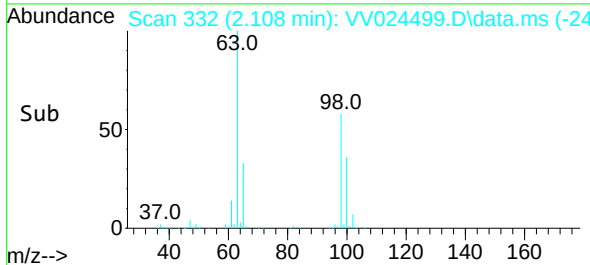
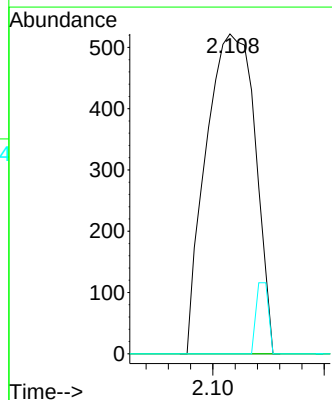
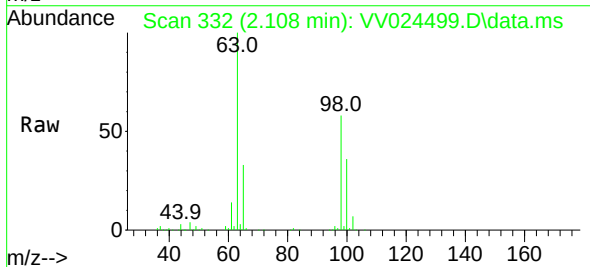
Instrument :
MSVOA_V
ClientSampleId :
COHM8

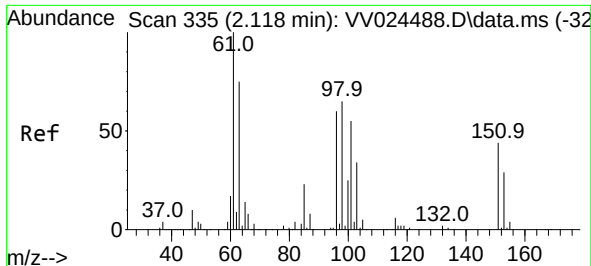
Tgt Ion: 50 Resp: 607
Ion Ratio Lower Upper
50 100
52 41.0 22.0 41.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.091 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV024499.D
Acq: 28 Jan 2022 20:21

Tgt Ion: 101 Resp: 799
Ion Ratio Lower Upper
101 100
85 0.0 36.0 54.0#
151 5.6 66.4 99.6#

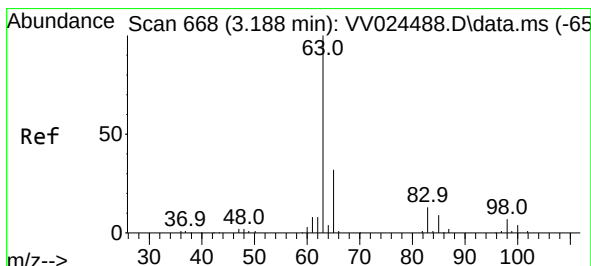
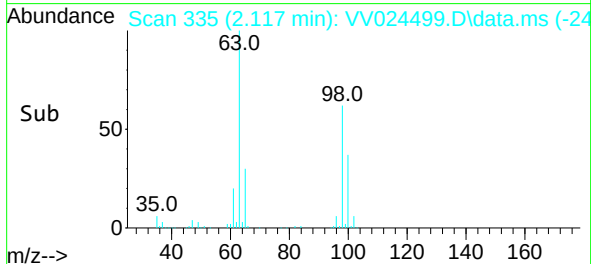
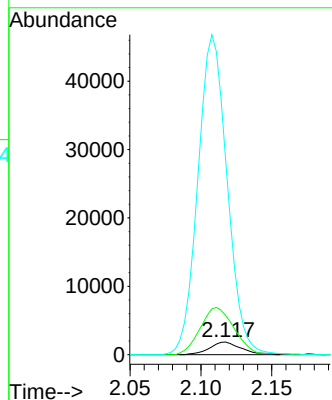
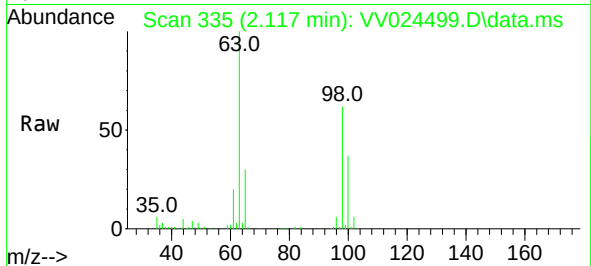




#12
1,1-Dichloroethene
Concen: 0.342 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024499.D
Acq: 28 Jan 2022 20:21

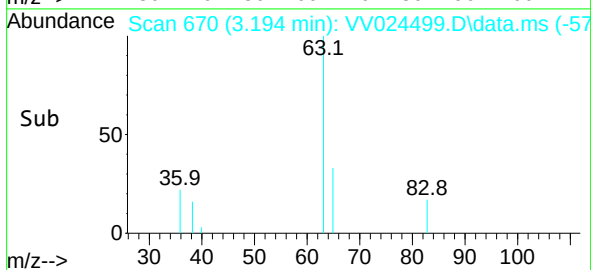
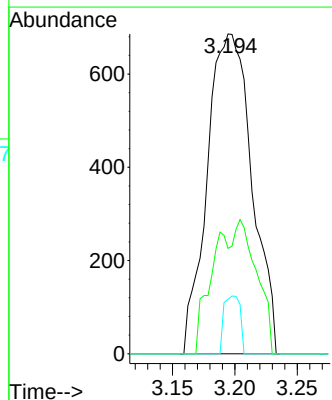
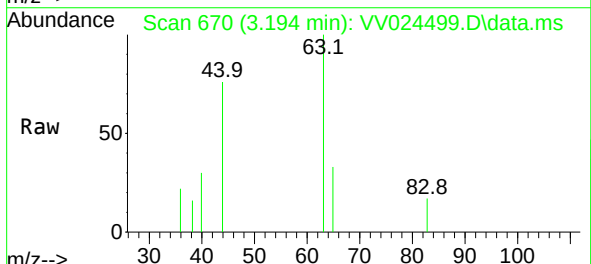
Instrument :
MSVOA_V
ClientSampleId :
COHM8

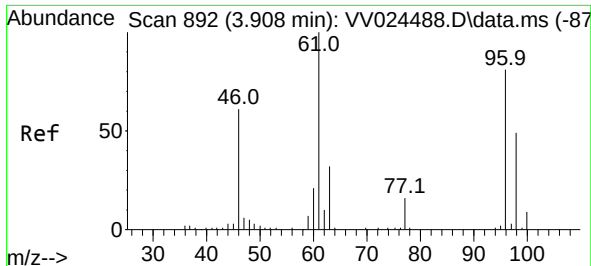
Tgt Ion: 96 Resp: 2850
Ion Ratio Lower Upper
96 100
61 313.2 116.1 215.5#
63 1561.8 79.4 147.4#



#19
1,1-Dichloroethane
Concen: 0.115 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV024499.D
Acq: 28 Jan 2022 20:21

Tgt Ion: 63 Resp: 1714
Ion Ratio Lower Upper
63 100
65 32.9 22.3 41.3
83 17.1 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 0.174 ug/L

RT: 3.921 min Scan# 89

Delta R.T. 0.013 min

Lab File: VV024499.D

Acq: 28 Jan 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

COHM8

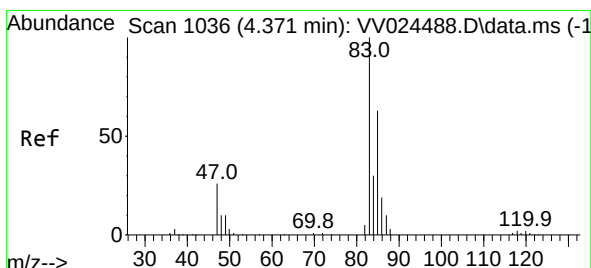
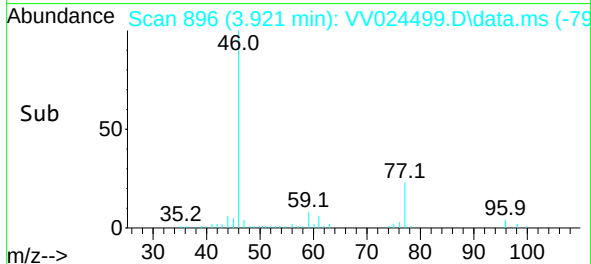
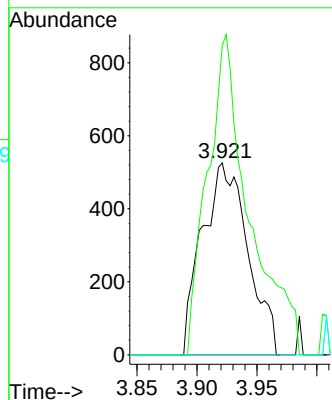
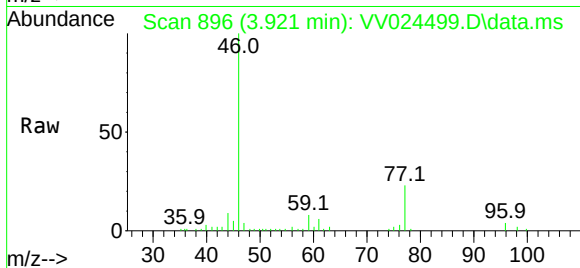
Tgt Ion: 96 Resp: 1396

Ion Ratio Lower Upper

96 100

61 161.0 83.4 154.8#

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.252 ug/L

RT: 4.374 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024499.D

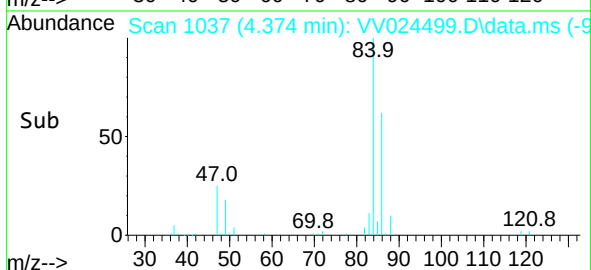
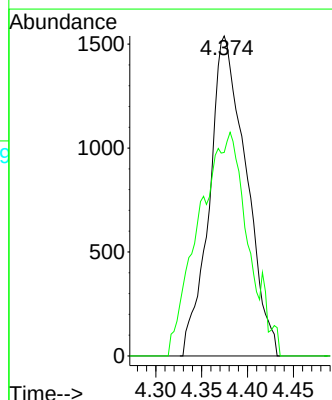
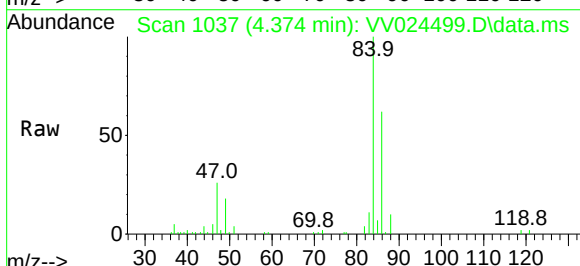
Acq: 28 Jan 2022 20:21

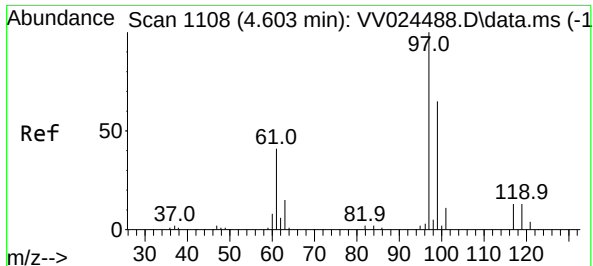
Tgt Ion: 83 Resp: 4279

Ion Ratio Lower Upper

83 100

85 63.6 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.062 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV024499.D

Acq: 28 Jan 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

COHM8

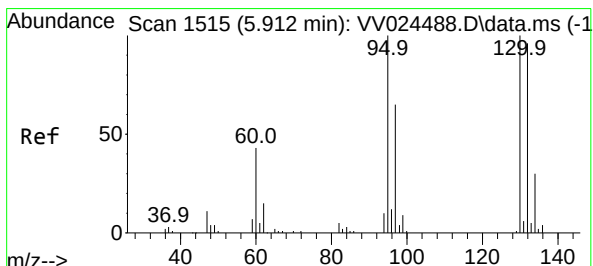
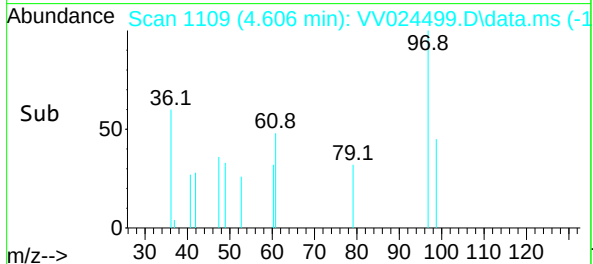
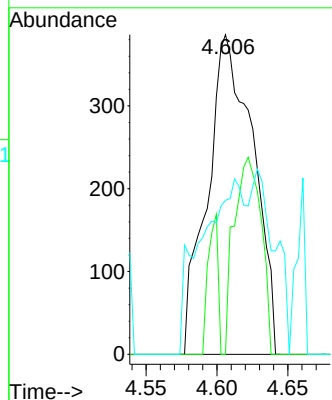
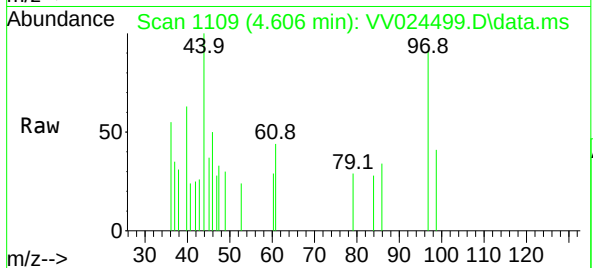
Tgt Ion: 97 Resp: 864

Ion Ratio Lower Upper

97 100

99 9.5 51.9 77.9#

61 54.5 33.2 49.8#



#34

Trichloroethene

Concen: 0.489 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.009 min

Lab File: VV024499.D

Acq: 28 Jan 2022 20:21

Tgt Ion: 95 Resp: 4440

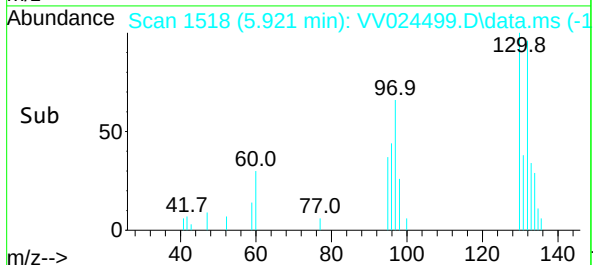
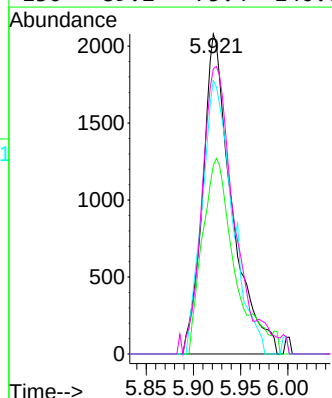
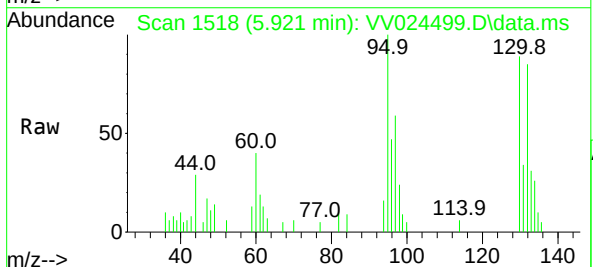
Ion Ratio Lower Upper

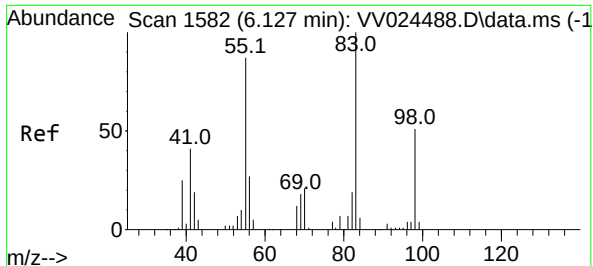
95 100

97 59.0 45.2 84.0

132 85.4 76.1 141.3

130 89.2 75.4 140.0





#35

Methylcyclohexane

Concen: 1.037 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV024499.D

Acq: 28 Jan 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

COHM8

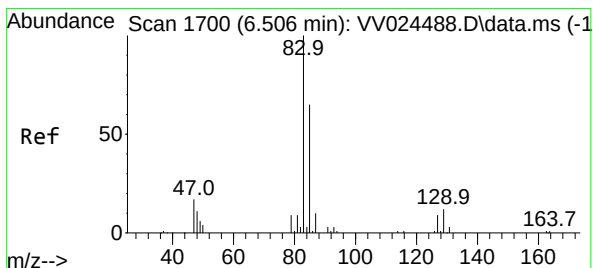
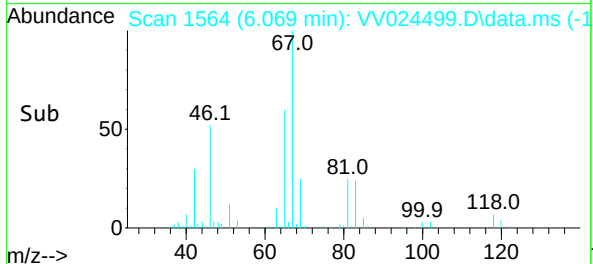
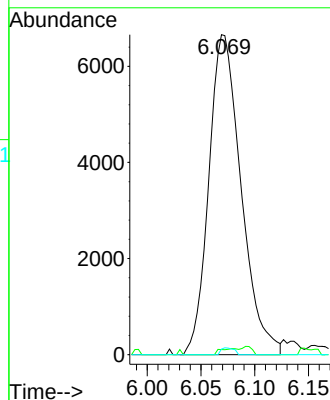
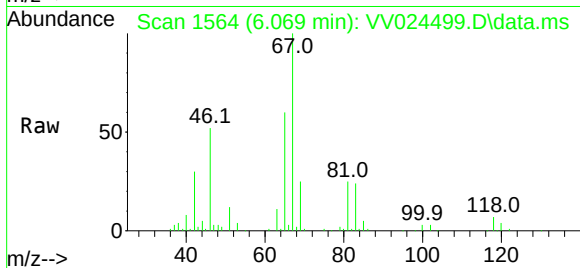
Tgt Ion: 83 Resp: 13904

Ion Ratio Lower Upper

83 100

55 1.1 60.2 90.2#

98 0.9 41.0 61.4#



#38

Bromodichloromethane

Concen: 0.058 ug/L

RT: 6.526 min Scan# 1706

Delta R.T. 0.019 min

Lab File: VV024499.D

Acq: 28 Jan 2022 20:21

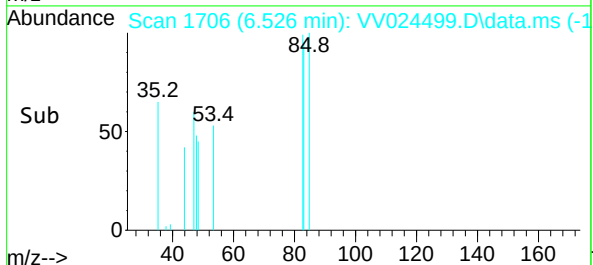
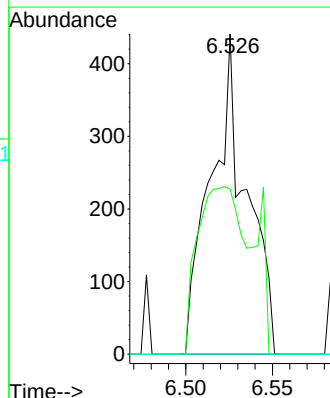
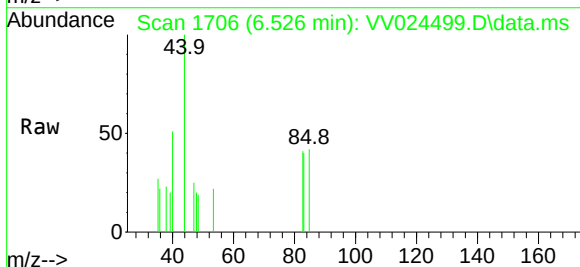
Tgt Ion: 83 Resp: 625

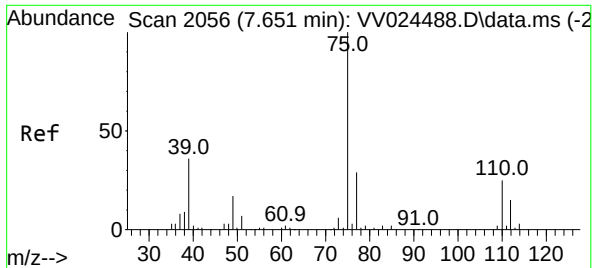
Ion Ratio Lower Upper

83 100

85 51.5 44.0 81.8

127 0.0 8.6 12.8#

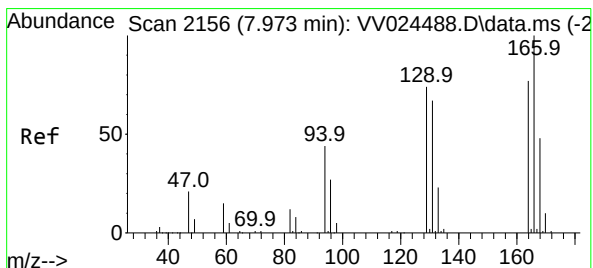
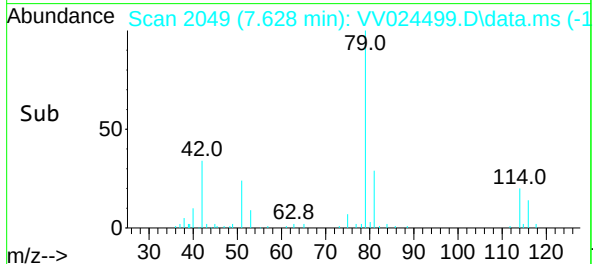
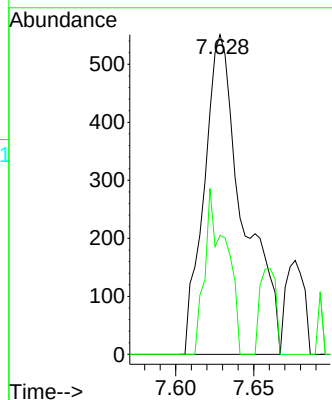
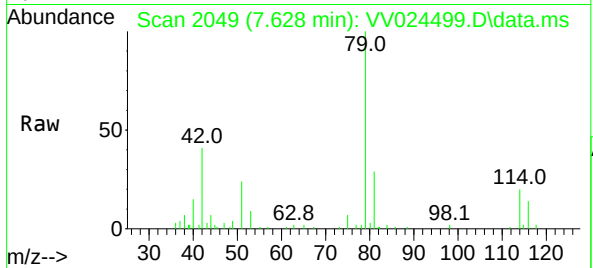




#44
trans-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.628 min Scan# 2056
Delta R.T. -0.023 min
Lab File: VV024499.D
Acq: 28 Jan 2022 20:21

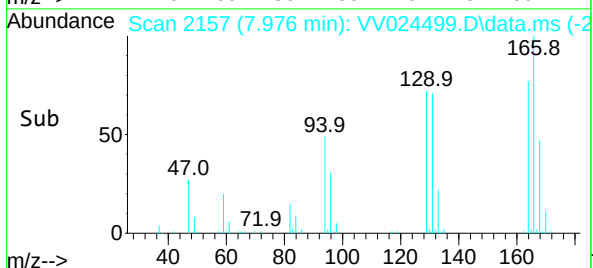
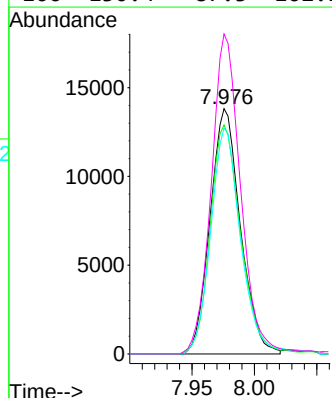
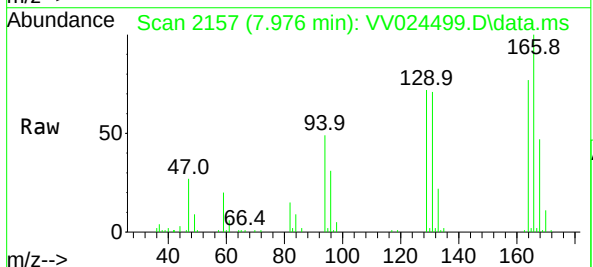
Instrument :
MSVOA_V
ClientSampleId :
COHM8

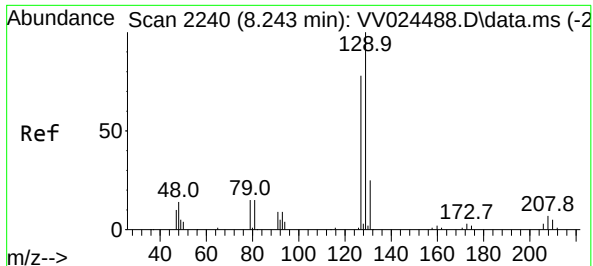
Tgt Ion: 75 Resp: 957
Ion Ratio Lower Upper
75 100
77 37.2 21.8 40.4



#47
Tetrachloroethene
Concen: 3.261 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024499.D
Acq: 28 Jan 2022 20:21

Tgt Ion: 164 Resp: 23351
Ion Ratio Lower Upper
164 100
129 93.3 62.6 116.2
131 92.0 61.0 113.4
166 130.4 87.3 162.1





#49

Dibromochloromethane

Concen: 3.215 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024499.D

Acq: 28 Jan 2022 20:21

Instrument :

MSVOA_V

ClientSampleId :

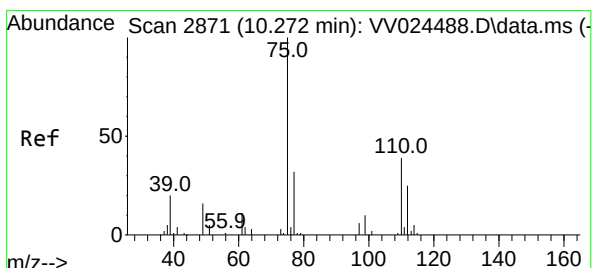
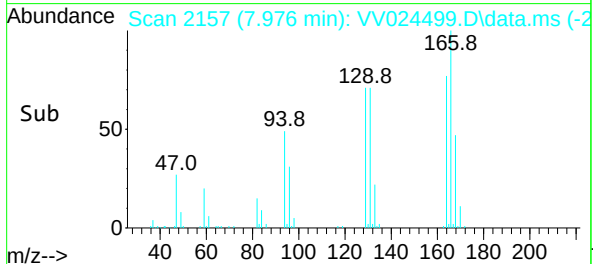
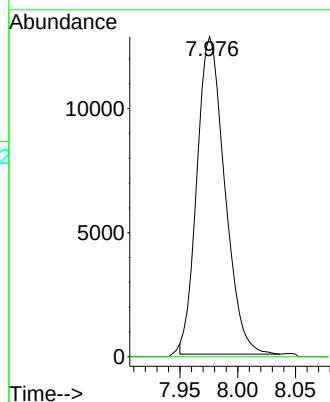
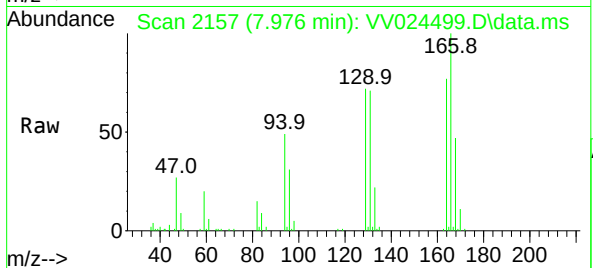
COHM8

Tgt Ion:129 Resp: 21371

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.993 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024499.D

Acq: 28 Jan 2022 20:21

Tgt Ion: 75 Resp: 6714

Ion Ratio Lower Upper

75 100

77 36.9 26.4 39.6

110 2.4 34.2 51.2#

