

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024497.D
 Acq On : 28 Jan 2022 19:35
 Operator : SY/MD
 Sample : N1328-07 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHM6

Quant Time: Jan 29 03:53:17 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

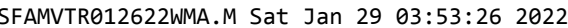
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

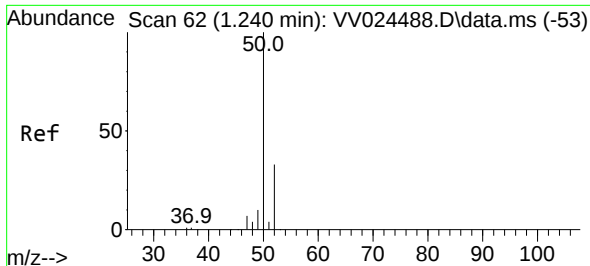
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	109069	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	120546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40185	4.206	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	43698	5.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.108	63	71950	3.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.911	46	58423	38.363	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.720%
24) Chloroform-d	4.352	84	95964	5.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.034	65	47375	5.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	5.053	84	164587	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.072	67	58792	5.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.316	98	123261	3.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	7.628	79	15748	4.045	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.091	63	65538	49.235	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36459	5.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	46019	4.413	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	856	0.077	ug/L #	72
6) Bromomethane	1.526	94	334	0.048	ug/L #	44
12) 1,1-Dichloroethene	2.117	96	6844	0.835	ug/L #	1
16) Methylene chloride	2.513	84	1629	0.194	ug/L	83
22) cis-1,2-Dichloroethene	3.918	96	210	0.027	ug/L	93
25) Chloroform	4.374	83	4452	0.267	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	5649	0.404	ug/L	96
34) Trichloroethene	5.924	95	11154	1.223	ug/L	95
35) Methylcyclohexane	6.072	83	13442	0.999	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6299	0.795	ug/L #	86
38) Bromodichloromethane	6.522	83	605	0.056	ug/L #	89
44) trans-1,3-Dichloropropene	7.628	75	790	0.089	ug/L #	51
45) 1,1,2-Trichloroethane	7.976	97	2383	0.445	ug/L #	1
47) Tetrachloroethene	7.976	164	237007	32.990	ug/L	97
49) Dibromochloromethane	7.976	129	221683	33.235	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7227	1.918	ug/L #	61

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

Instrument :
MSVOA_V
ClientSampleId :
C0HM6

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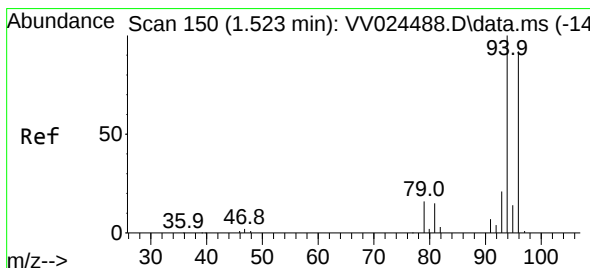
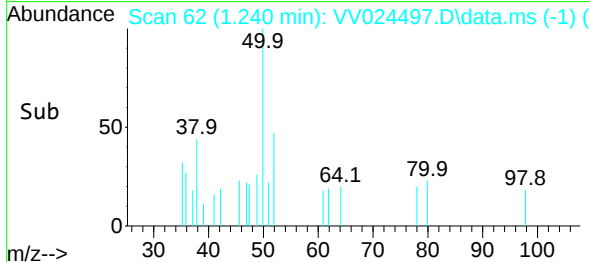
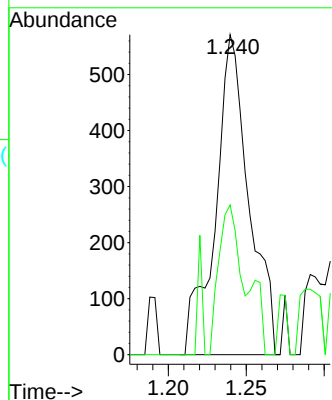
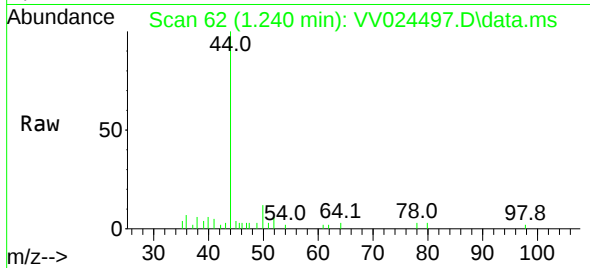




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV024497.D
Acq: 28 Jan 2022 19:35

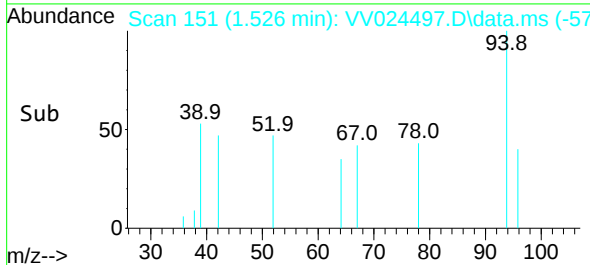
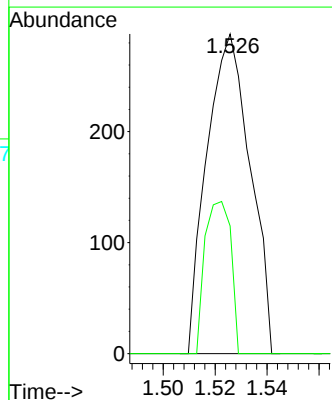
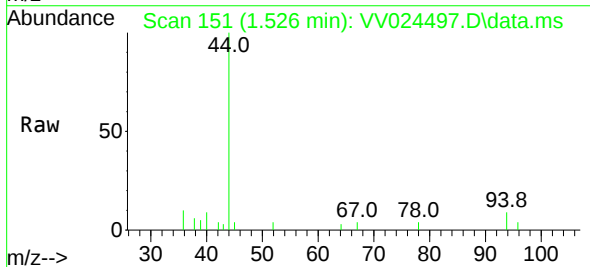
Instrument :
MSVOA_V
ClientSampleId :
COHM6

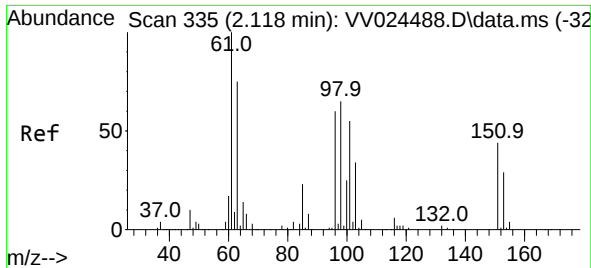
Tgt Ion: 50 Resp: 856
Ion Ratio Lower Upper
50 100
52 46.8 22.0 41.0#



#6
Bromomethane
Concen: 0.048 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV024497.D
Acq: 28 Jan 2022 19:35

Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 39.9 66.2 123.0#

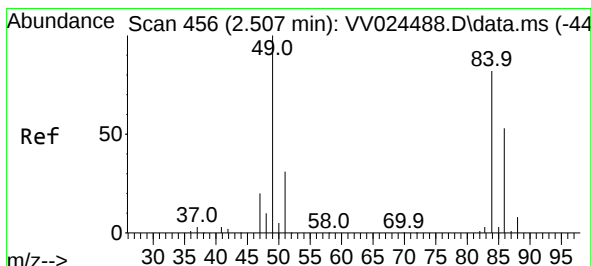
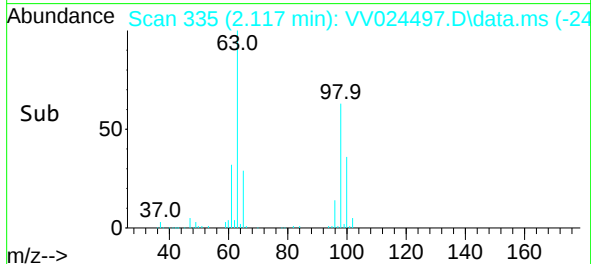
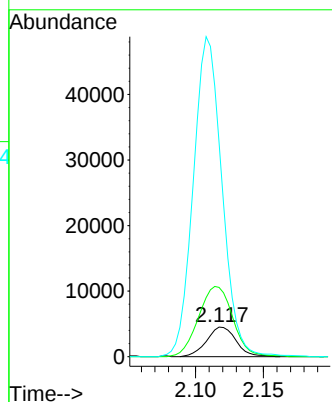
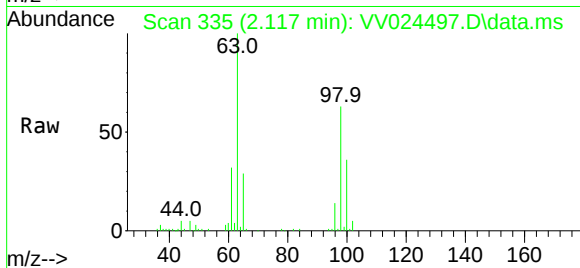




#12
1,1-Dichloroethene
Concen: 0.835 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024497.D
Acq: 28 Jan 2022 19:35

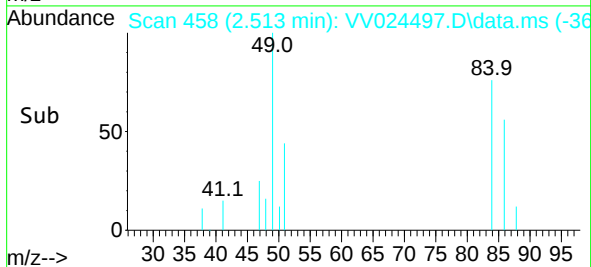
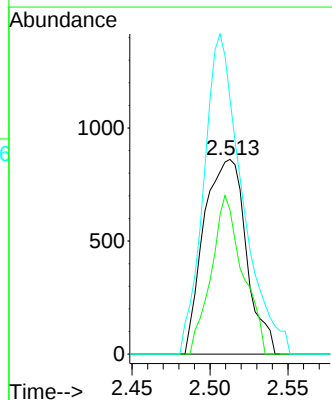
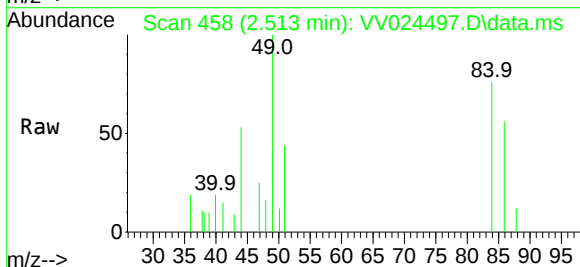
Instrument :
MSVOA_V
ClientSampleId :
COHM6

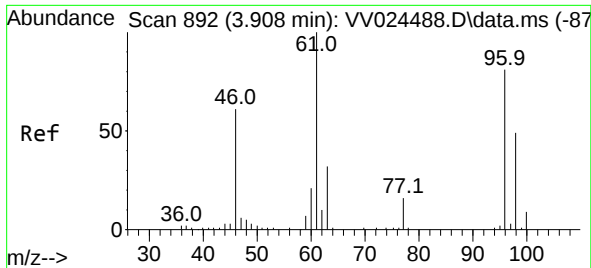
Tgt Ion: 96 Resp: 6844
Ion Ratio Lower Upper
96 100
61 234.4 116.1 215.5#
63 723.9 79.4 147.4#



#16
Methylene chloride
Concen: 0.194 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.006 min
Lab File: VV024497.D
Acq: 28 Jan 2022 19:35

Tgt Ion: 84 Resp: 1629
Ion Ratio Lower Upper
84 100
86 74.1 42.6 79.0
49 131.2 79.7 147.9



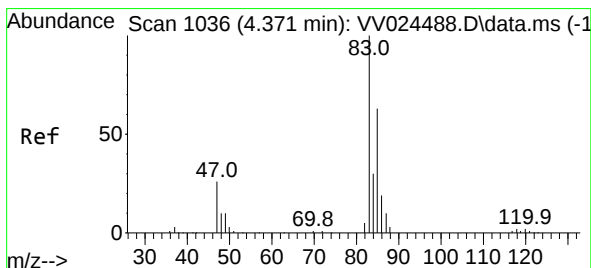
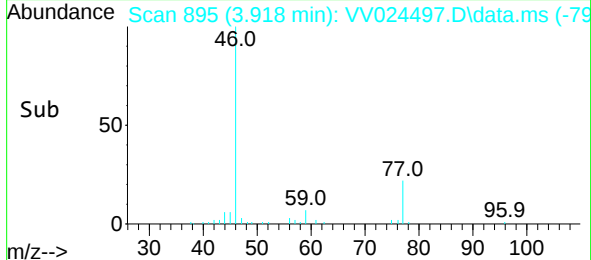
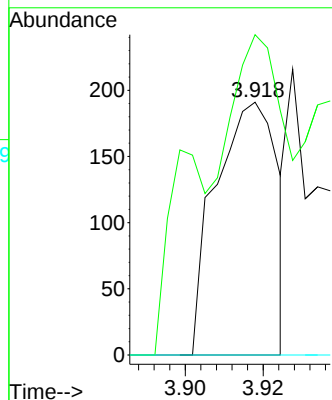
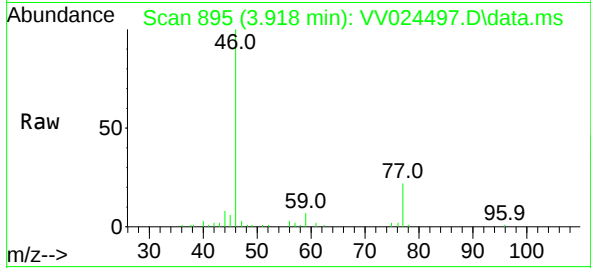


#22
 cis-1,2-Dichloroethene
 Concen: 0.027 ug/L
 RT: 3.918 min Scan# 89
 Delta R.T. 0.009 min
 Lab File: VV024497.D
 Acq: 28 Jan 2022 19:35

Instrument :
 MSVOA_V
 ClientSampleId :
 COHM6

Tgt Ion: 96 Resp: 210

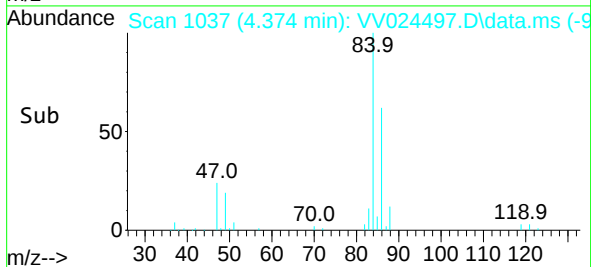
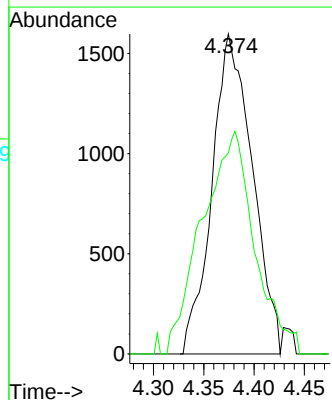
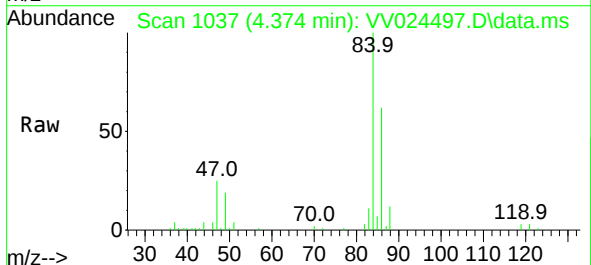
Ion	Ratio	Lower	Upper
96	100		
61	126.7	83.4	154.8
68	0.0	0.0	0.0

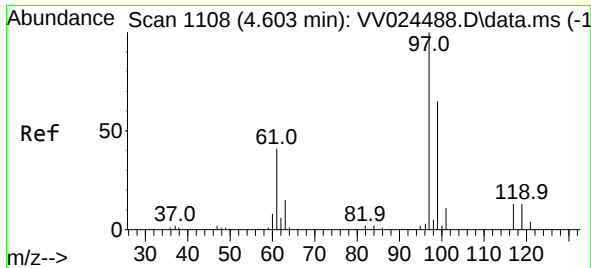


#25
 Chloroform
 Concen: 0.267 ug/L
 RT: 4.374 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VV024497.D
 Acq: 28 Jan 2022 19:35

Tgt Ion: 83 Resp: 4452

Ion	Ratio	Lower	Upper
83	100		
85	62.9	45.2	84.0





#29

1,1,1-Trichloroethane

Concen: 0.404 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV024497.D

Acq: 28 Jan 2022 19:35

Instrument :

MSVOA_V

ClientSampleId :

COHM6

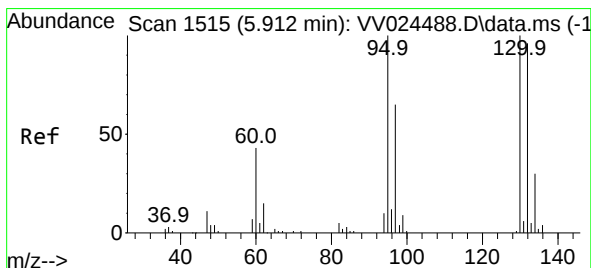
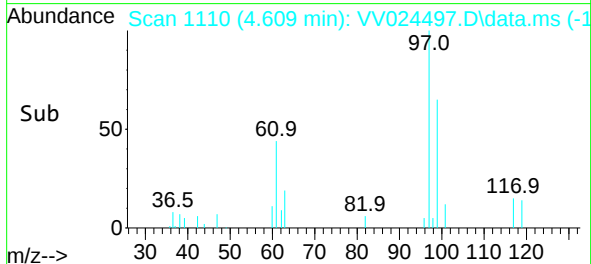
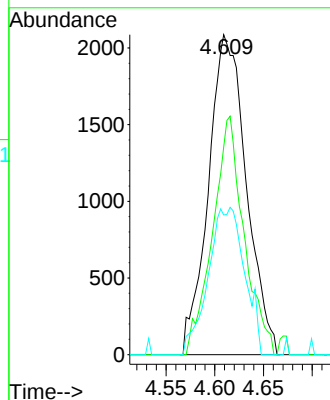
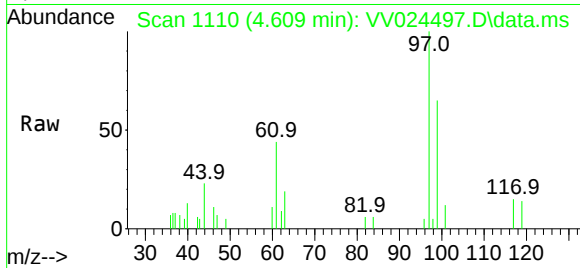
Tgt Ion: 97 Resp: 5649

Ion Ratio Lower Upper

97 100

99 61.7 51.9 77.9

61 44.3 33.2 49.8



#34

Trichloroethene

Concen: 1.223 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV024497.D

Acq: 28 Jan 2022 19:35

Tgt Ion: 95 Resp: 11154

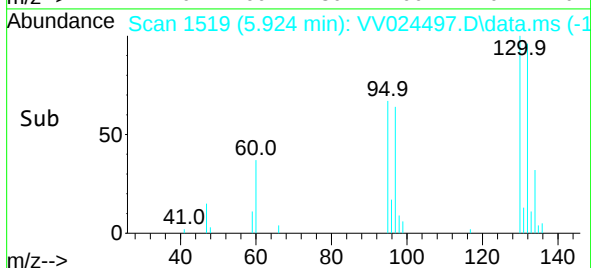
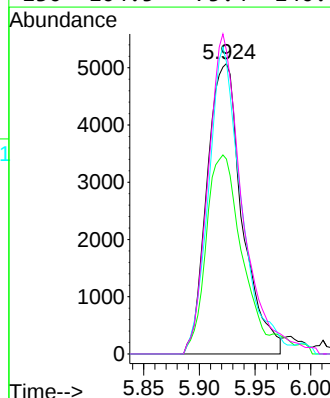
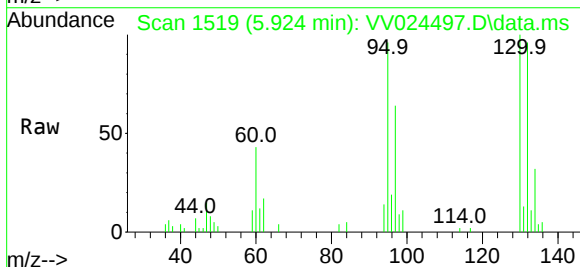
Ion Ratio Lower Upper

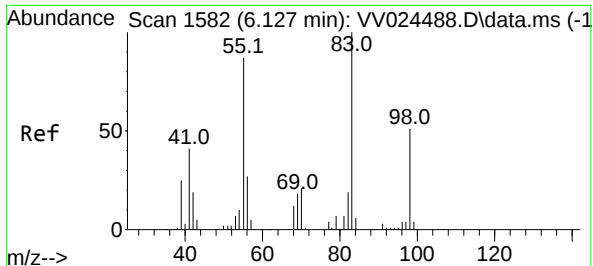
95 100

97 67.1 45.2 84.0

132 100.5 76.1 141.3

130 104.5 75.4 140.0





#35

Methylcyclohexane

Concen: 0.999 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV024497.D

Acq: 28 Jan 2022 19:35

Instrument :

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ClientSampleId :

COHM6

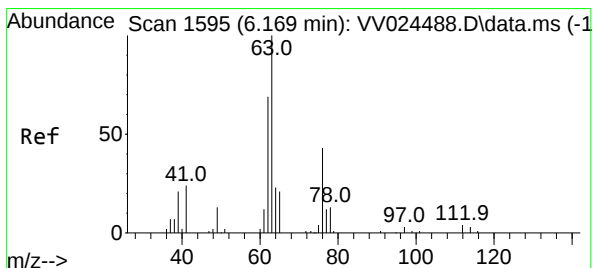
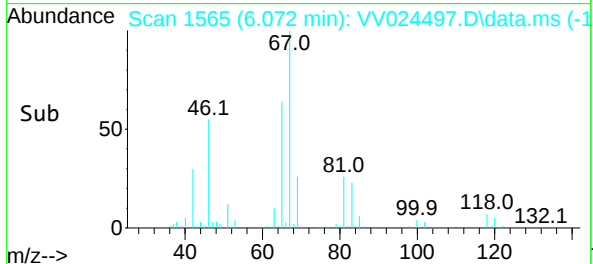
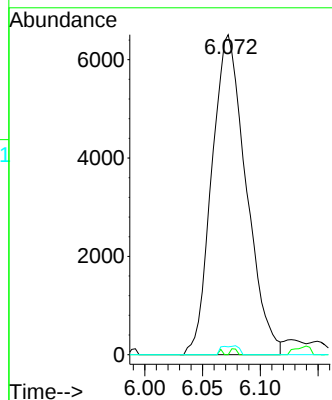
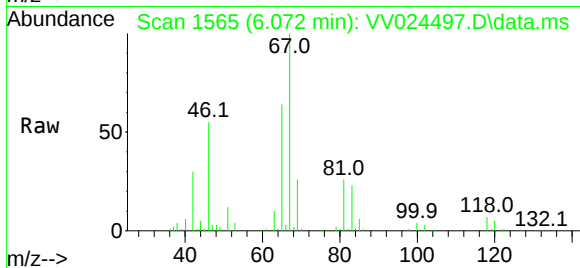
Tgt Ion: 83 Resp: 13442

Ion Ratio Lower Upper

83 100

55 0.3 60.2 90.2#

98 1.4 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.795 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV024497.D

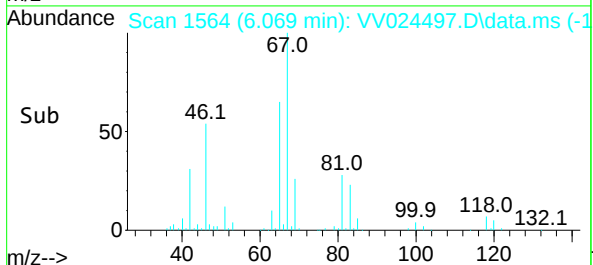
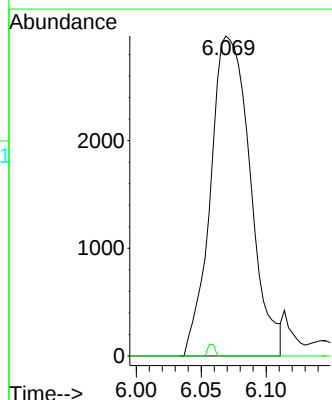
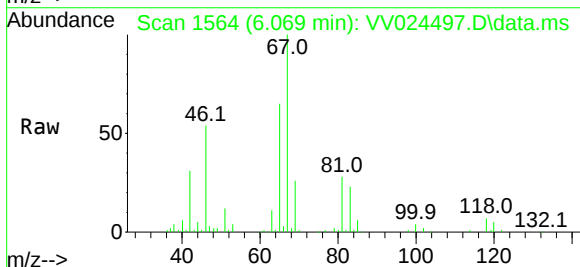
Acq: 28 Jan 2022 19:35

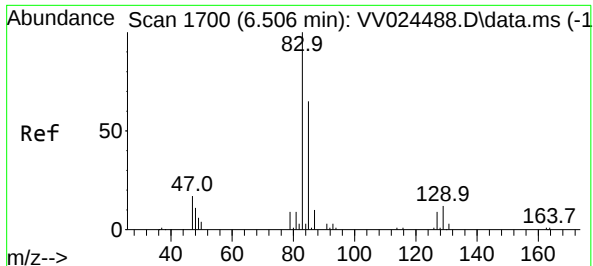
Tgt Ion: 63 Resp: 6299

Ion Ratio Lower Upper

63 100

112 0.7 4.3 6.5#





#38

Bromodichloromethane

Concen: 0.056 ug/L

RT: 6.522 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV024497.D

Acq: 28 Jan 2022 19:35

Instrument :

MSVOA_V

ClientSampleId :

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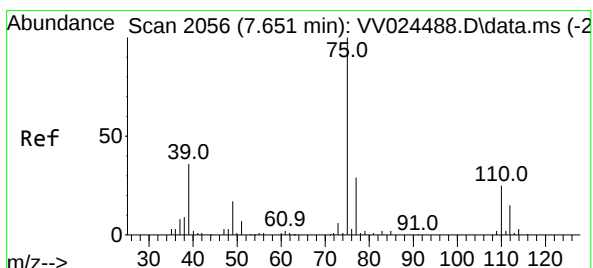
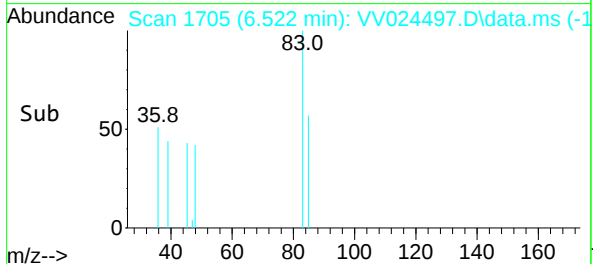
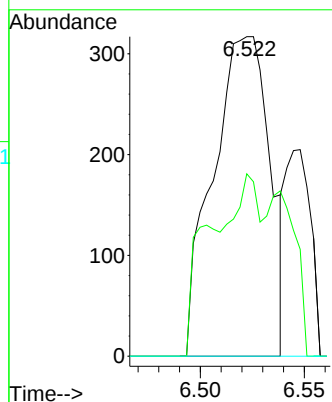
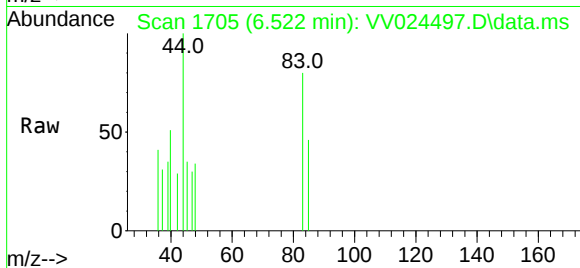
Tgt Ion: 83 Resp: 605

Ion Ratio Lower Upper

83 100

85 57.1 44.0 81.8

127 0.0 8.6 12.8#



#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.628 min Scan# 2049

Delta R.T. -0.023 min

Lab File: VV024497.D

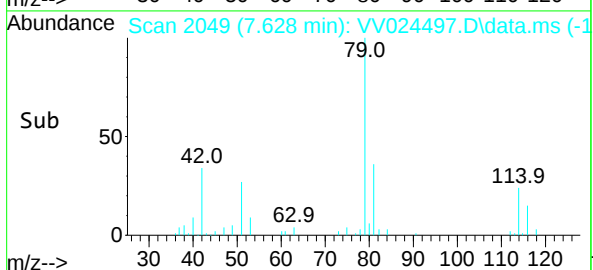
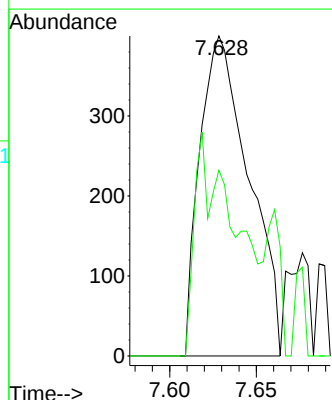
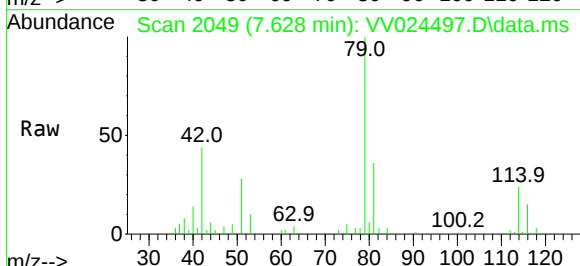
Acq: 28 Jan 2022 19:35

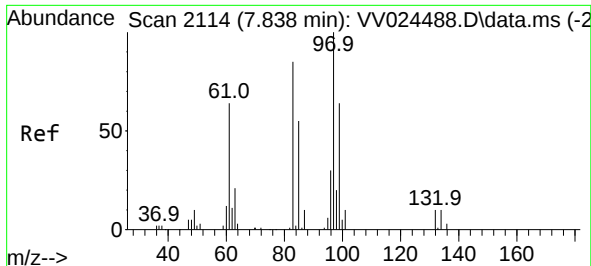
Tgt Ion: 75 Resp: 790

Ion Ratio Lower Upper

75 100

77 58.0 21.8 40.4#





#45

1,1,2-Trichloroethane

Concen: 0.445 ug/L

RT: 7.976 min Scan# 2114

Delta R.T. 0.138 min

Lab File: VV024497.D

Acq: 28 Jan 2022 19:35

Instrument :

MSVOA_V

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Tgt Ion: 97 Resp: 2383

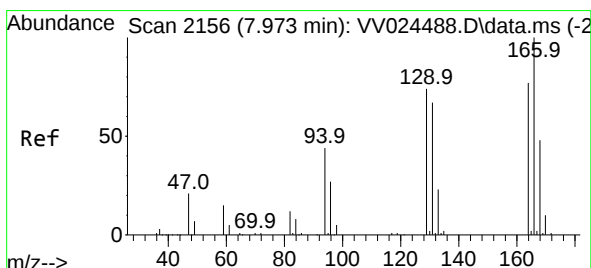
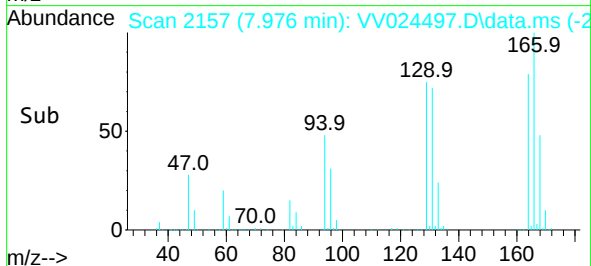
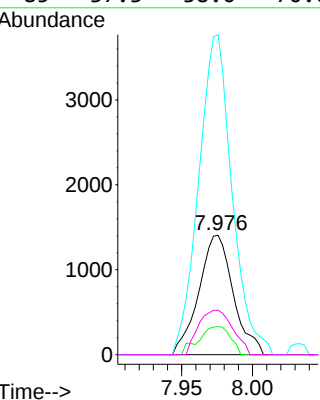
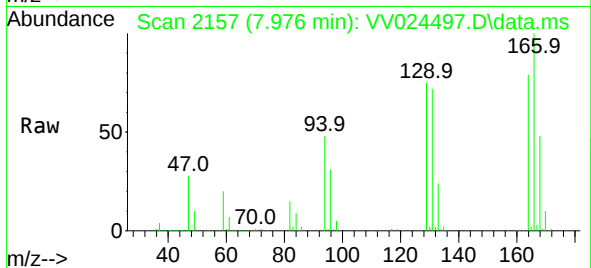
Ion Ratio Lower Upper

97 100

99 23.5 43.1 80.1#

83 268.0 57.9 107.5#

85 37.3 38.0 70.6#



#47

Tetrachloroethene

Concen: 32.990 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024497.D

Acq: 28 Jan 2022 19:35

Tgt Ion:164 Resp: 237007

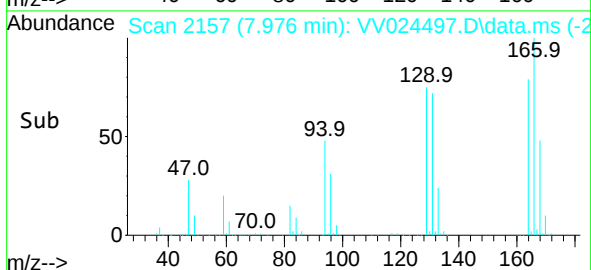
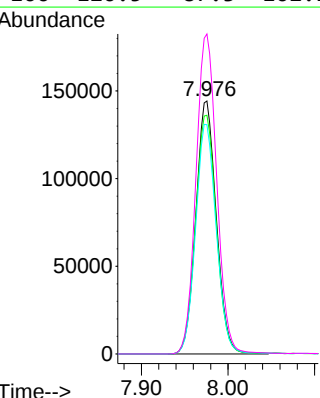
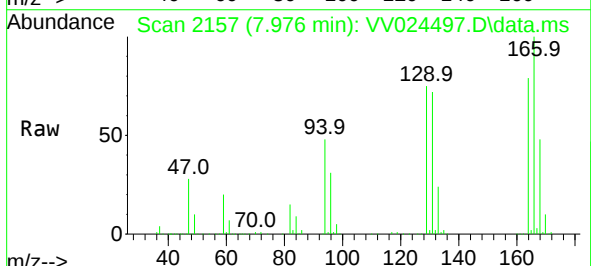
Ion Ratio Lower Upper

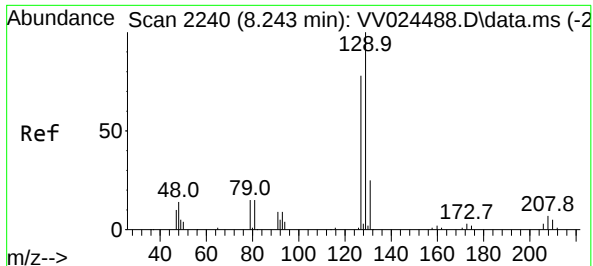
164 100

129 94.3 62.6 116.2

131 90.6 61.0 113.4

166 126.5 87.3 162.1





#49

Dibromochloromethane

Concen: 33.235 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024497.D

Acq: 28 Jan 2022 19:35

Instrument :

MSVOA_V

ClientSampleId :

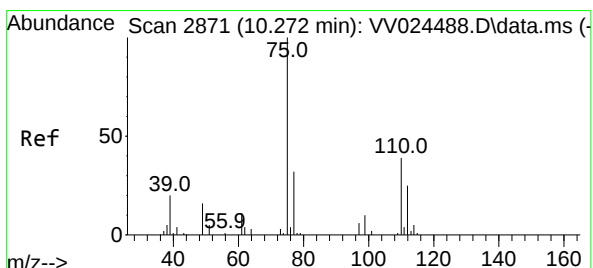
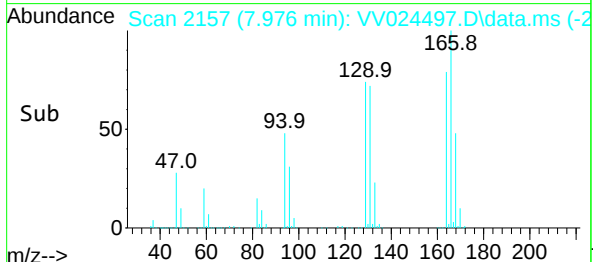
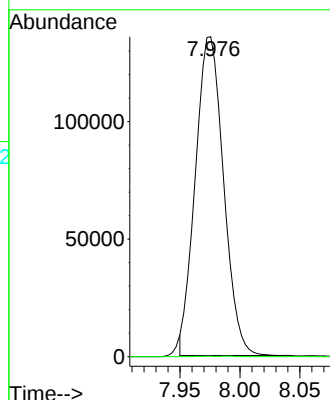
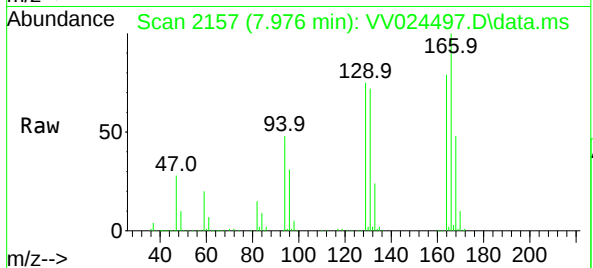
COHM6

Tgt Ion:129 Resp: 221683

Ion Ratio Lower Upper

129 100

127 0.2 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.918 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024497.D

Acq: 28 Jan 2022 19:35

Tgt Ion: 75 Resp: 7227

Ion Ratio Lower Upper

75 100

77 35.7 26.4 39.6

110 1.0 34.2 51.2#

