

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024491.D
 Acq On : 28 Jan 2022 17:15
 Operator : SY/MD
 Sample : N1328-01 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHMODL

Quant Time: Jan 29 03:51:37 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	5.616	114	130233	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40436	3.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.568	69	42013	4.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.114	63	230093	10.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	211.000%#
20) 2-Butanone-d5	3.908	46	63773	35.071	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.140%
24) Chloroform-d	4.346	84	100672	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.034	65	47769	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.050	84	174870	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.069	67	60890	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.313	98	141923	3.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.625	79	18089	4.053	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	72435	47.470	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35787	4.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	54165	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	558	0.042	ug/L	94
5) Vinyl chloride	1.310	62	29323	2.190	ug/L	98
6) Bromomethane	1.523	94	475	0.057	ug/L	92
8) Chloroethane	1.310	64	9980	1.268	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1324	0.128	ug/L #	26
12) 1,1-Dichloroethene	2.117	96	306562	31.324	ug/L #	80
16) Methylene chloride	2.510	84	2322	0.232	ug/L	92
18) trans-1,2-Dichloroethene	2.764	96	390	0.042	ug/L #	76
19) 1,1-Dichloroethane	3.191	63	14174	0.810	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	52791	5.597	ug/L	95
25) Chloroform	4.378	83	4989	0.251	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	45018	2.809	ug/L	98
31) Carbon tetrachloride	4.603	117	5921	0.411	ug/L	95
34) Trichloroethene	5.908	95	1095406	104.777	ug/L	94
35) Methylcyclohexane	6.066	83	15120	0.981	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6289	0.692	ug/L #	85
38) Bromodichloromethane	6.529	83	600	0.049	ug/L #	61
47) Tetrachloroethene	7.973	164	313098	38.018	ug/L	97
49) Dibromochloromethane	7.973	129	281244	36.781	ug/L #	11

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

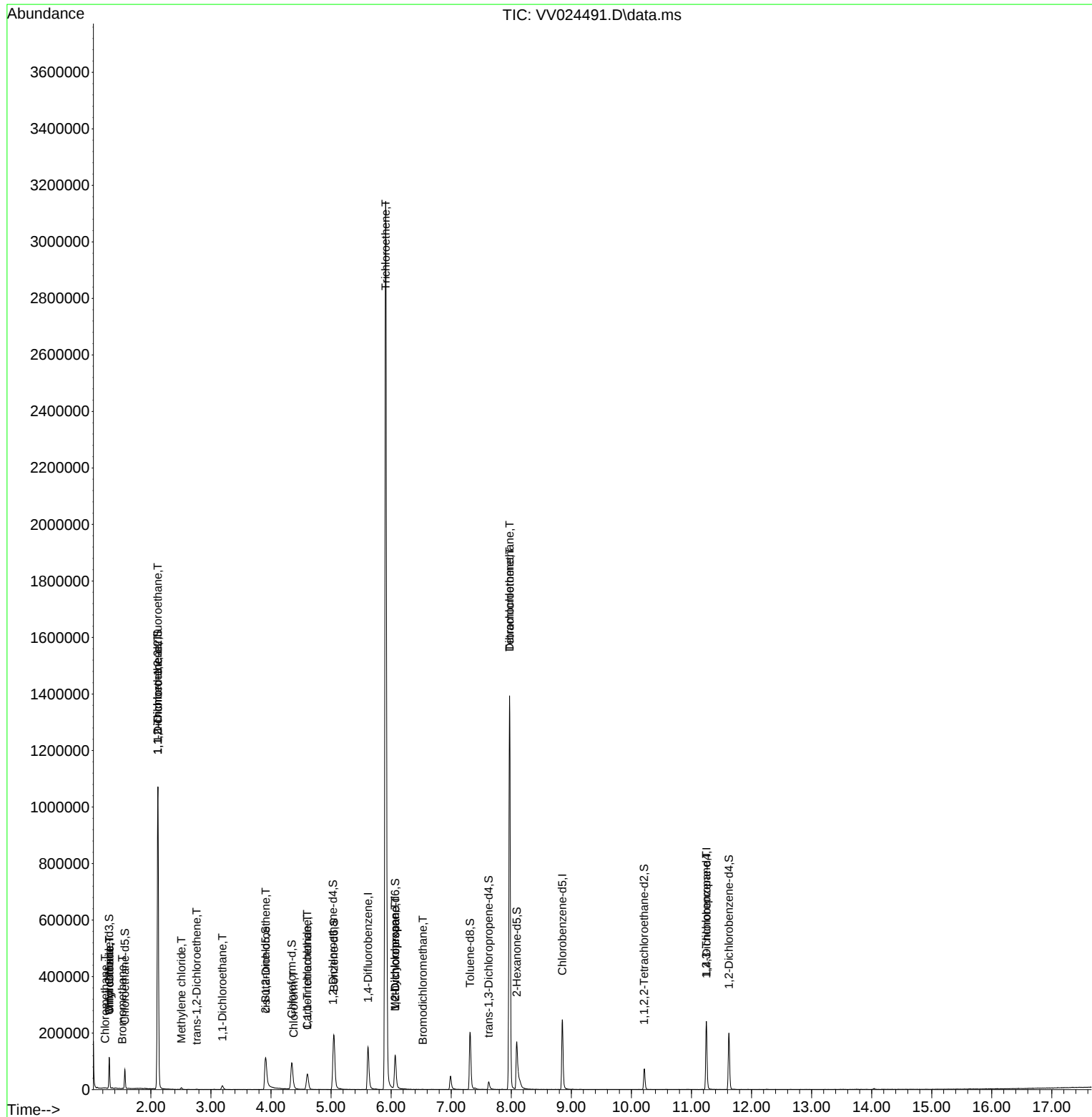
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2,3-Trichloropropane	11.246	75	7171	1.805	ug/L #	65

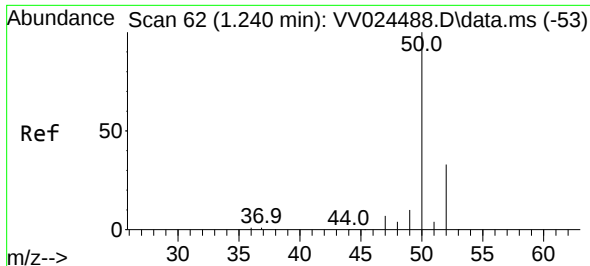
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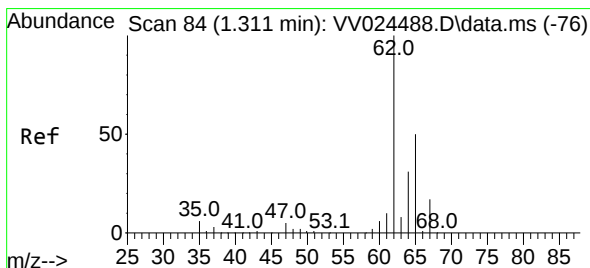
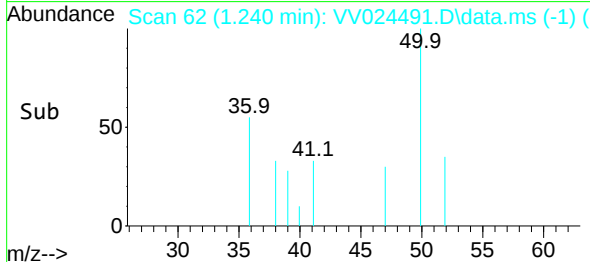
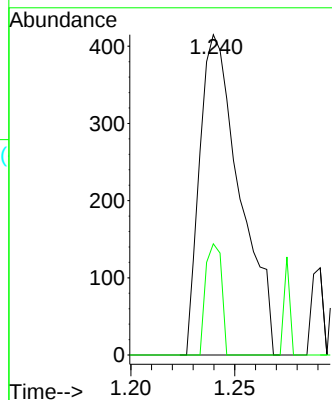
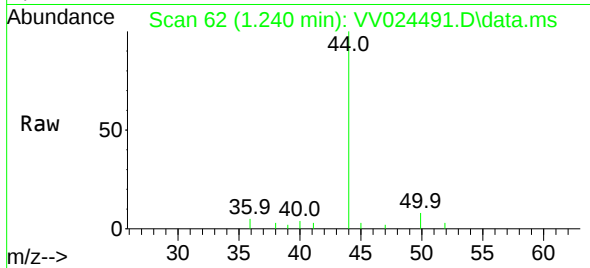




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

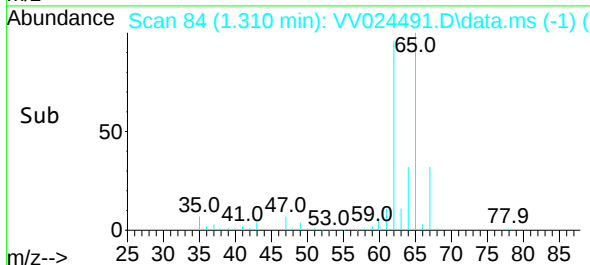
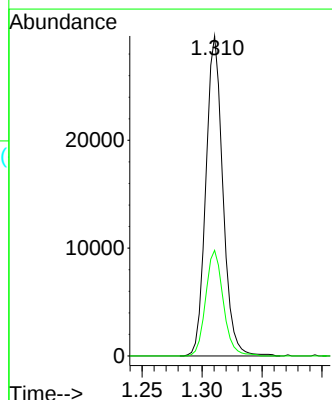
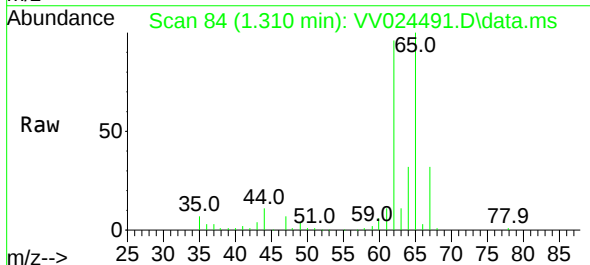
Instrument :
MSVOA_V
ClientSampleId :
COHMODL

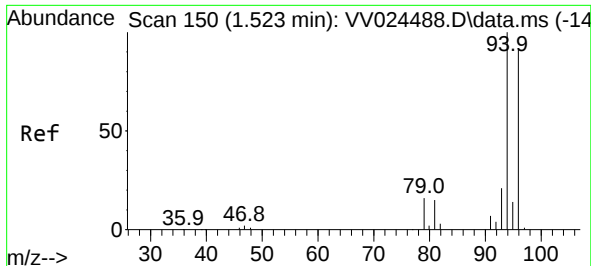
Tgt Ion: 50 Resp: 558
Ion Ratio Lower Upper
50 100
52 34.7 22.0 41.0



#5
Vinyl chloride
Concen: 2.190 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

Tgt Ion: 62 Resp: 29323
Ion Ratio Lower Upper
62 100
64 33.0 22.4 41.6

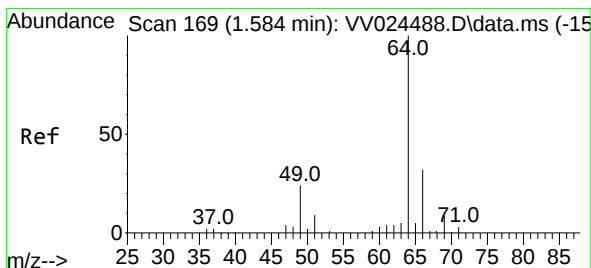
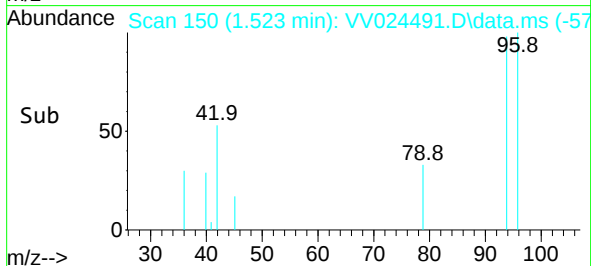
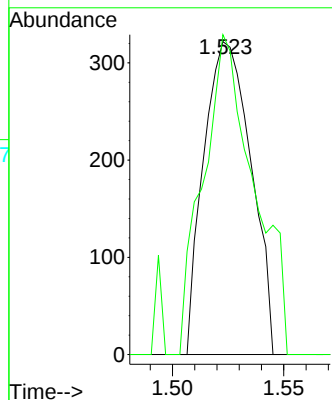
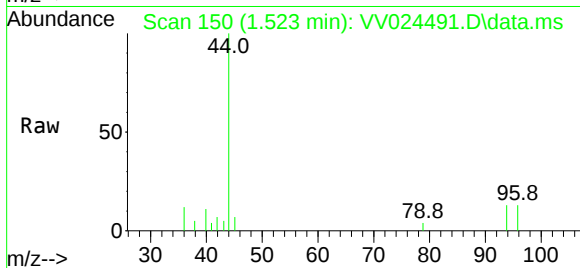




#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

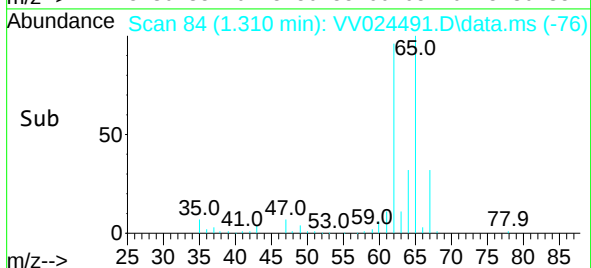
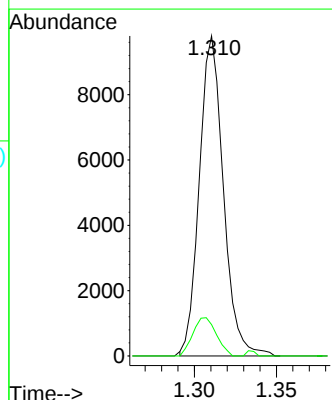
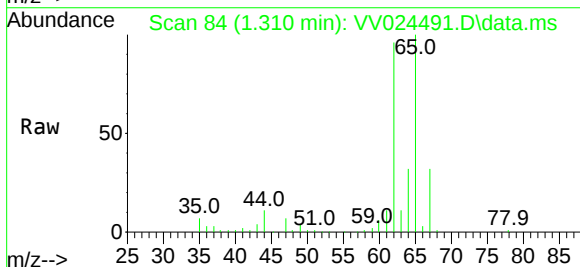
Instrument :
MSVOA_V
ClientSampleId :
COHMODL

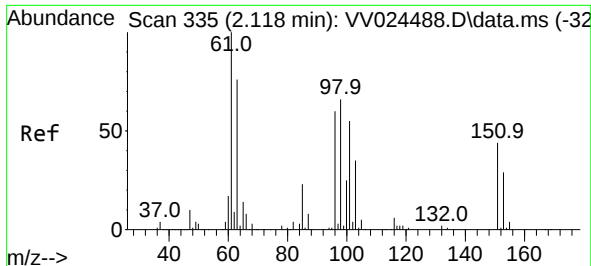
Tgt Ion: 94 Resp: 475
Ion Ratio Lower Upper
94 100
96 102.2 66.2 123.0



#8
Chloroethane
Concen: 1.268 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

Tgt Ion: 64 Resp: 9980
Ion Ratio Lower Upper
64 100
66 9.8 21.4 39.8#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.128 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024491.D

Acq: 28 Jan 2022 17:15

Instrument :

MSVOA_V

ClientSampleId :

COHMODL

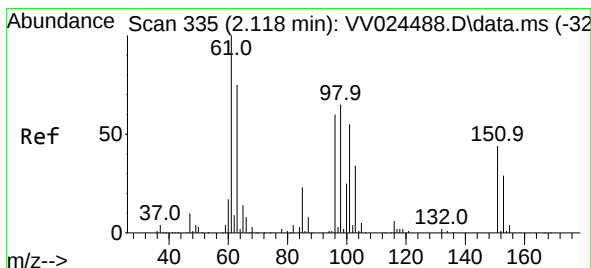
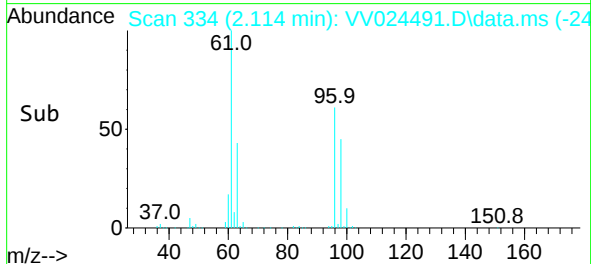
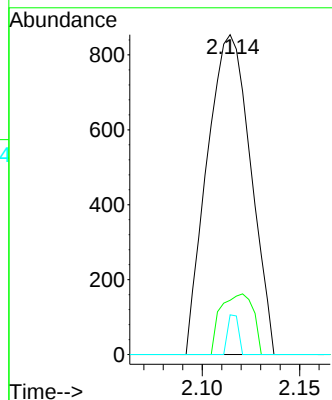
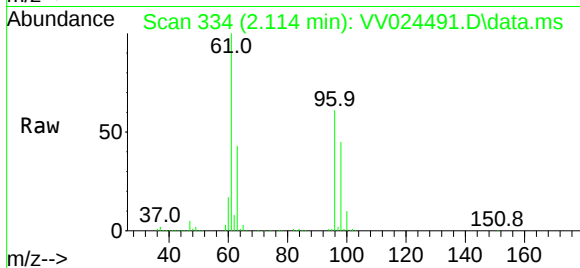
Tgt Ion:101 Resp: 1324

Ion Ratio Lower Upper

101 100

85 14.1 36.0 54.0#

151 3.0 66.4 99.6#



#12

1,1-Dichloroethene

Concen: 31.324 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV024491.D

Acq: 28 Jan 2022 17:15

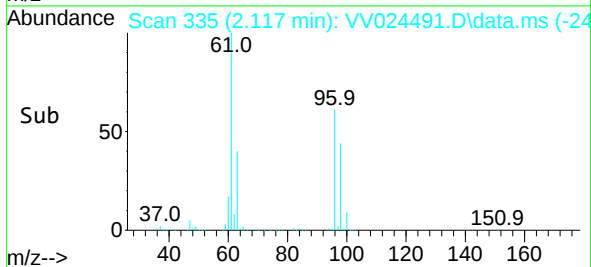
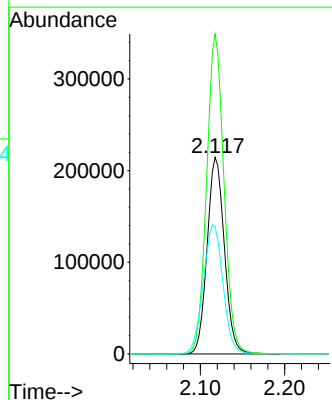
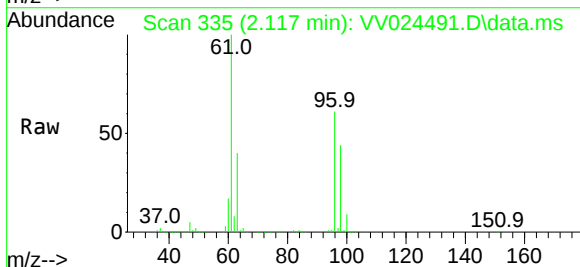
Tgt Ion: 96 Resp: 306562

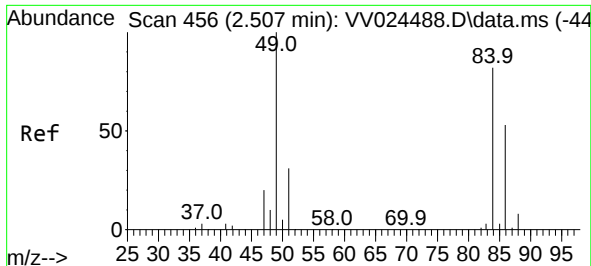
Ion Ratio Lower Upper

96 100

61 162.8 116.1 215.5

63 64.6 79.4 147.4#

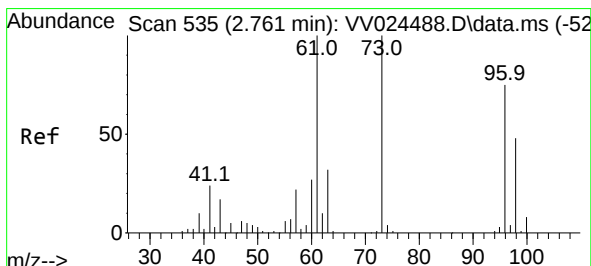
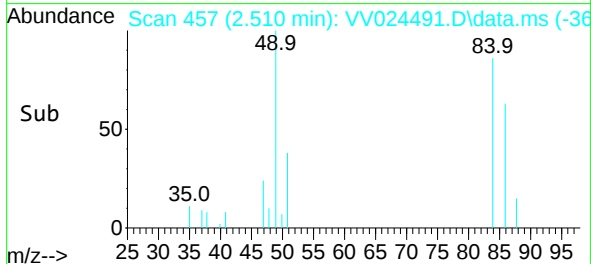
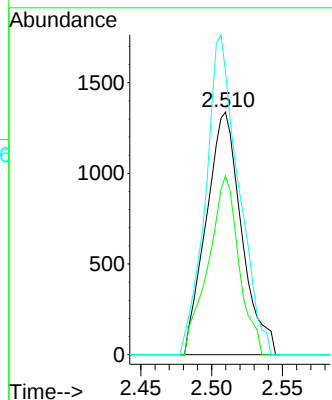
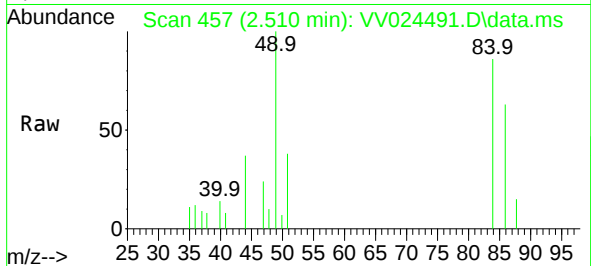




#16
Methylene chloride
Concen: 0.232 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

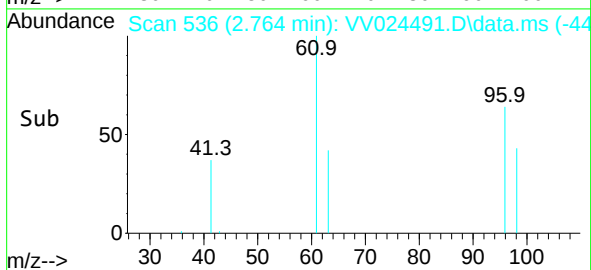
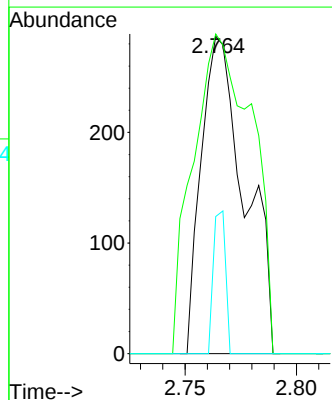
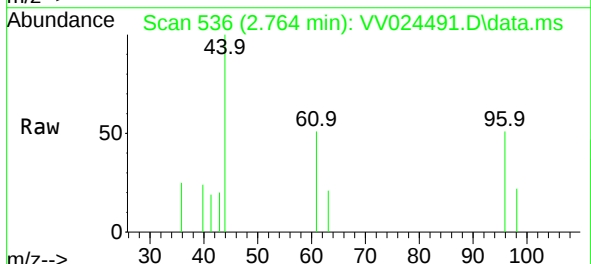
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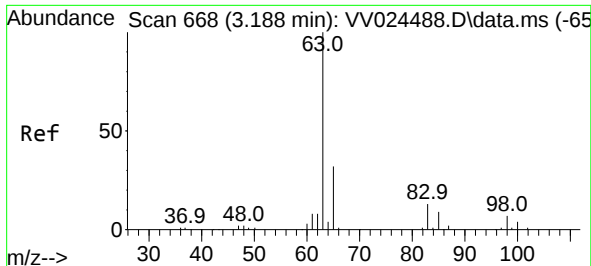
Tgt Ion: 84 Resp: 2322
Ion Ratio Lower Upper
84 100
86 73.8 42.6 79.0
49 116.4 79.7 147.9



#18
trans-1,2-Dichloroethene
Concen: 0.042 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

Tgt Ion: 96 Resp: 390
Ion Ratio Lower Upper
96 100
61 100.7 88.2 163.8
98 43.2 44.9 83.5#





#19

1,1-Dichloroethane

Concen: 0.810 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024491.D

Acq: 28 Jan 2022 17:15

Instrument :

MSVOA_V

ClientSampleId :

COHMODL

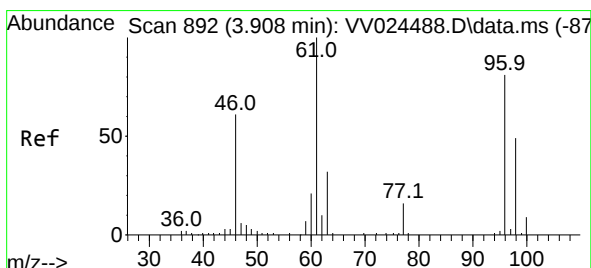
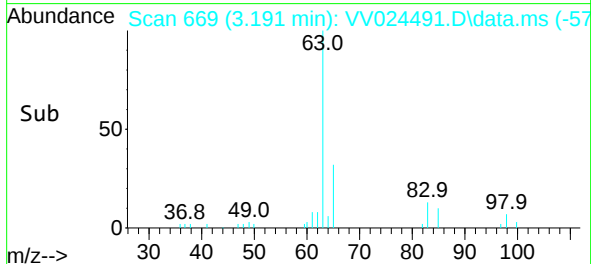
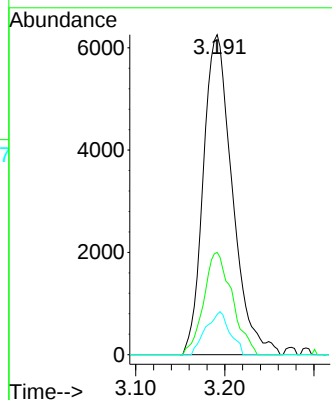
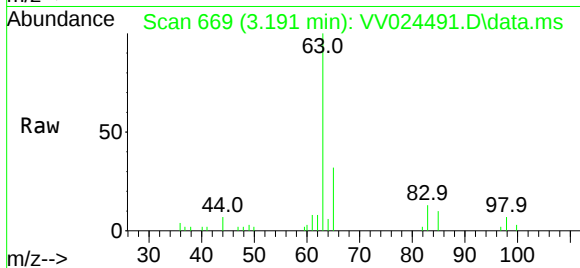
Tgt Ion: 63 Resp: 14174

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.3

83 12.6 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 5.597 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV024491.D

Acq: 28 Jan 2022 17:15

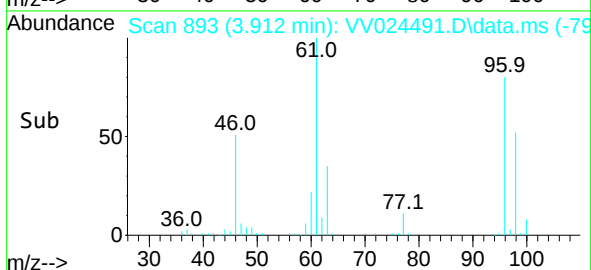
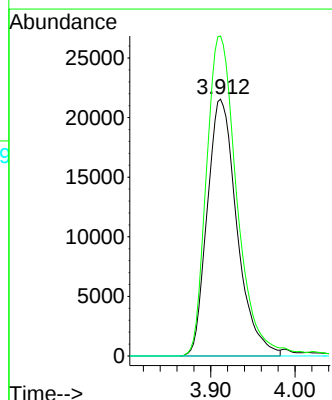
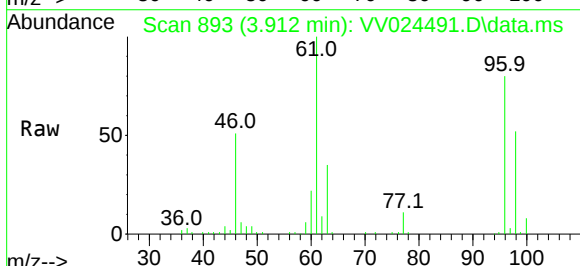
Tgt Ion: 96 Resp: 52791

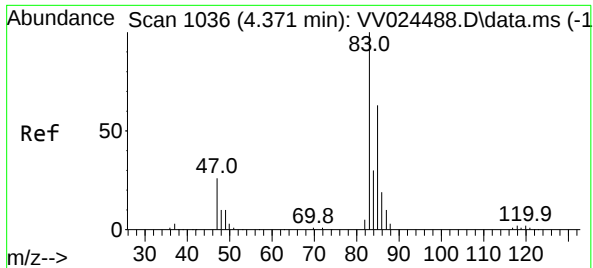
Ion Ratio Lower Upper

96 100

61 124.6 83.4 154.8

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.251 ug/L

RT: 4.378 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV024491.D

Acq: 28 Jan 2022 17:15

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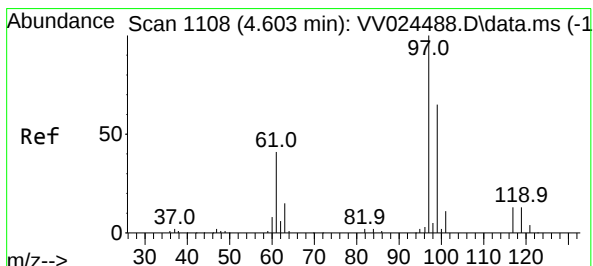
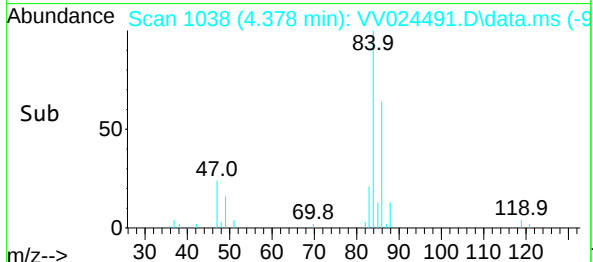
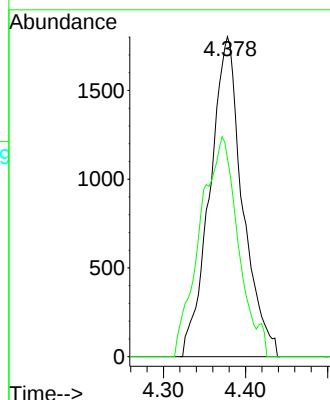
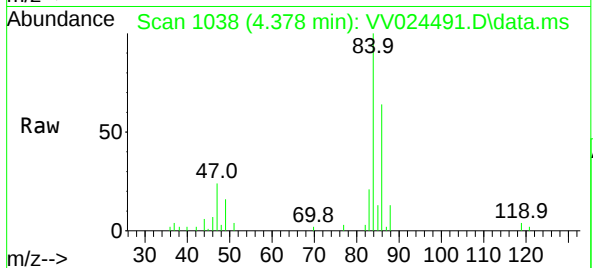
COHMODL

Tgt Ion: 83 Resp: 4989

Ion Ratio Lower Upper

83 100

85 62.1 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 2.809 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV024491.D

Acq: 28 Jan 2022 17:15

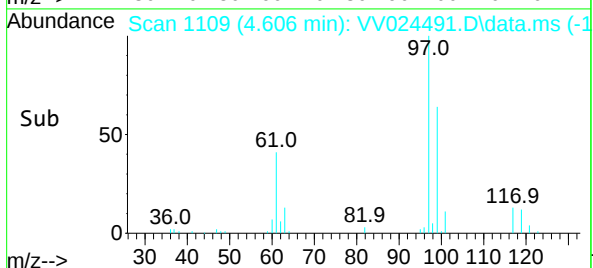
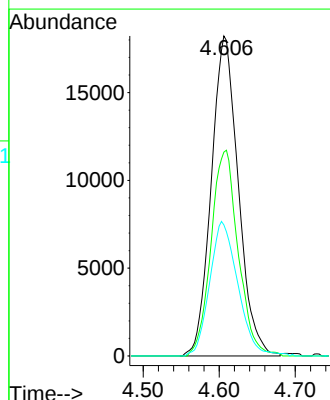
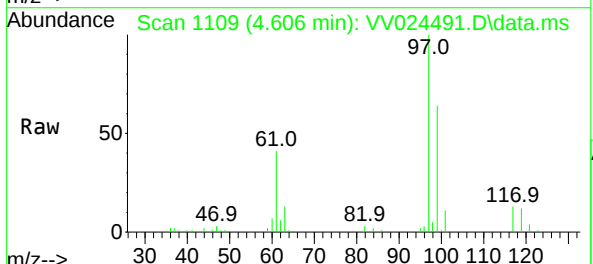
Tgt Ion: 97 Resp: 45018

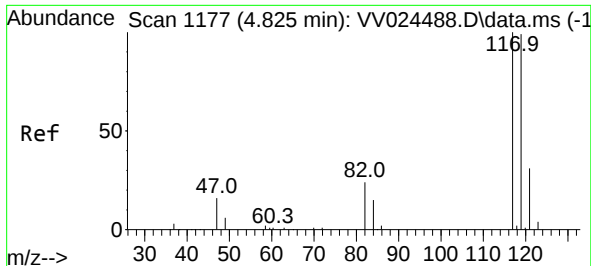
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 43.8 33.2 49.8

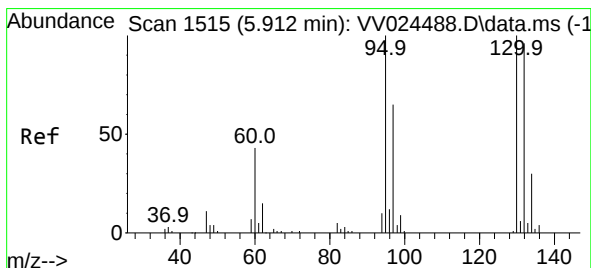
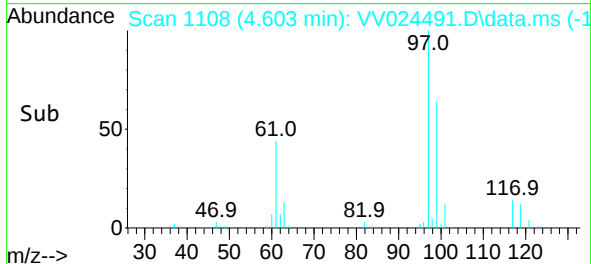
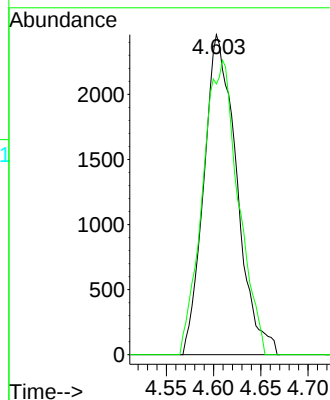
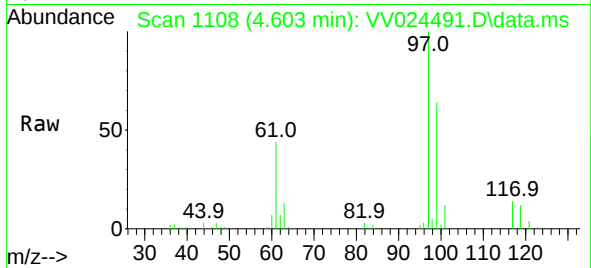




#31
Carbon tetrachloride
Concen: 0.411 ug/L
RT: 4.603 min Scan# 1177
Delta R.T. -0.222 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

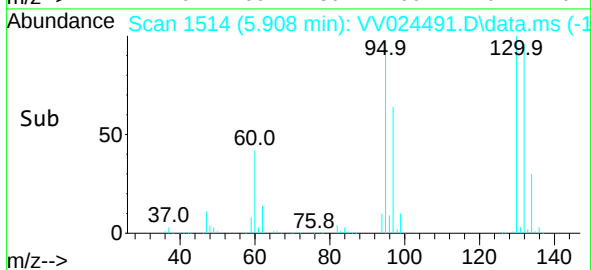
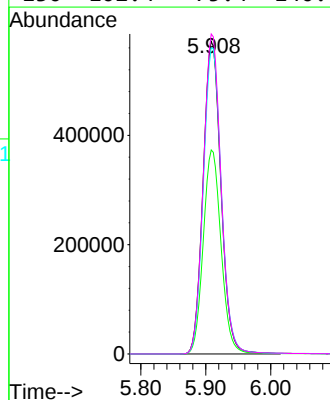
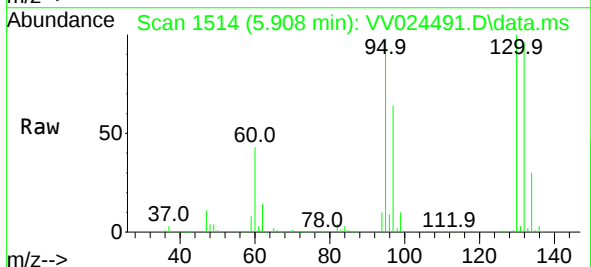
Instrument :
MSVOA_V
ClientSampleId :
COHMODL

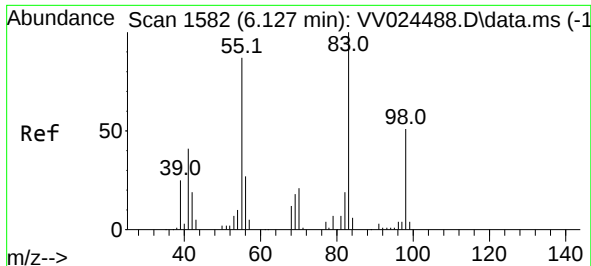
Tgt Ion:117 Resp: 5921
Ion Ratio Lower Upper
117 100
119 100.4 76.6 114.8



#34
Trichloroethene
Concen: 104.777 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

Tgt Ion: 95 Resp: 1095406
Ion Ratio Lower Upper
95 100
97 65.3 45.2 84.0
132 98.0 76.1 141.3
130 102.4 75.4 140.0





#35

Methylcyclohexane

Concen: 0.981 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV024491.D

Acq: 28 Jan 2022 17:15

Instrument :

MSVOA_V

ClientSampleId :

COHMODL

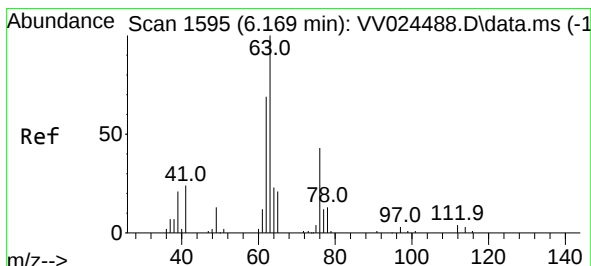
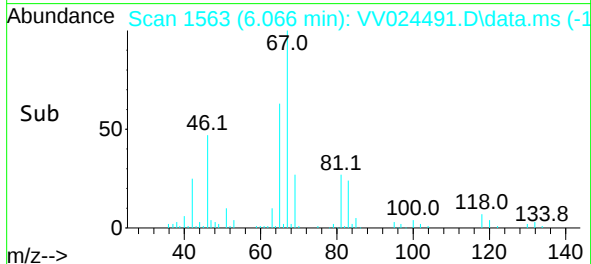
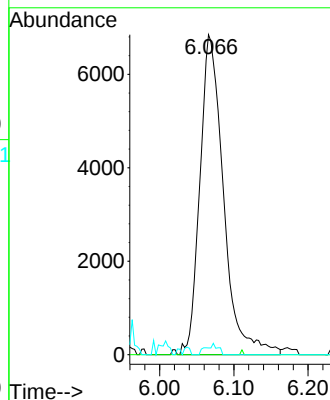
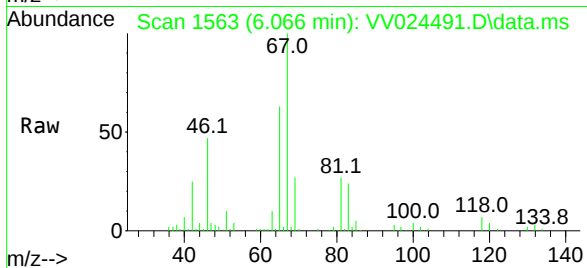
Tgt Ion: 83 Resp: 15120

Ion Ratio Lower Upper

83 100

55 0.1 60.2 90.2#

98 0.0 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.692 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV024491.D

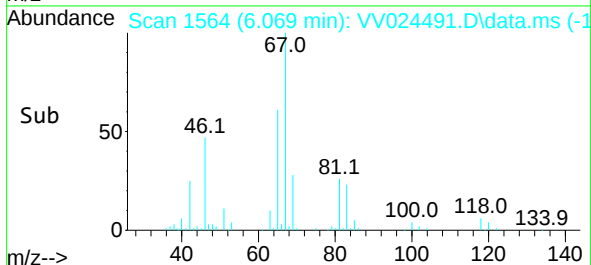
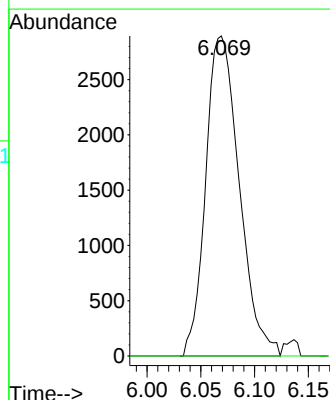
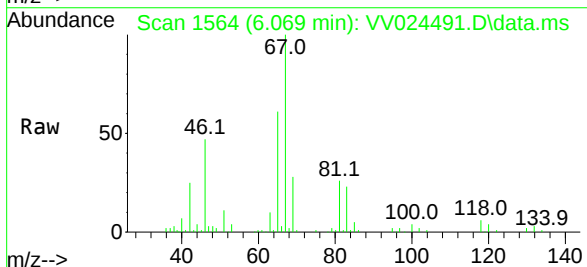
Acq: 28 Jan 2022 17:15

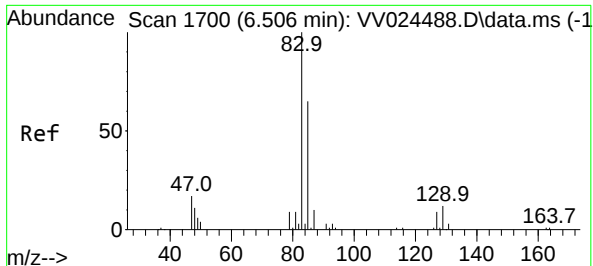
Tgt Ion: 63 Resp: 6289

Ion Ratio Lower Upper

63 100

112 0.3 4.3 6.5#

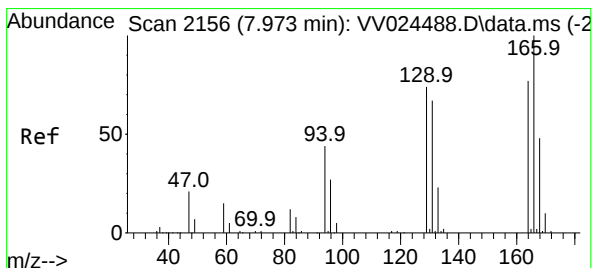
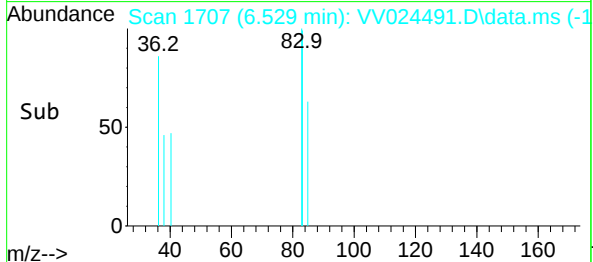
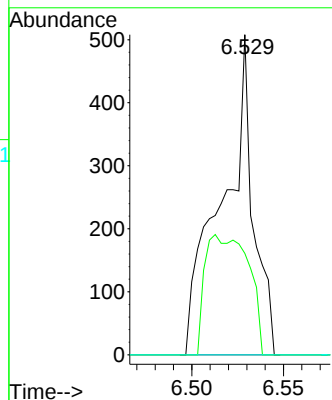
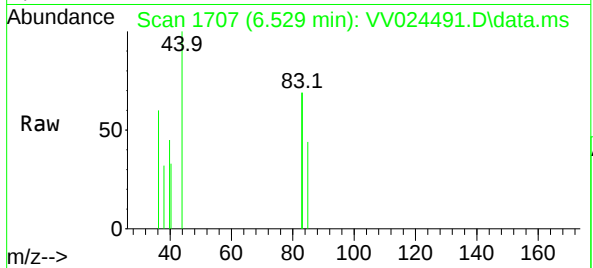




#38
Bromodichloromethane
Concen: 0.049 ug/L
RT: 6.529 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

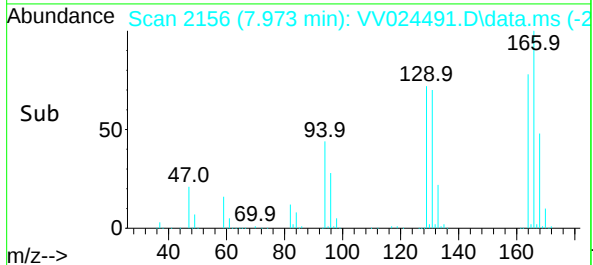
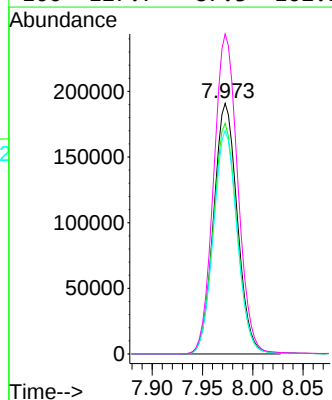
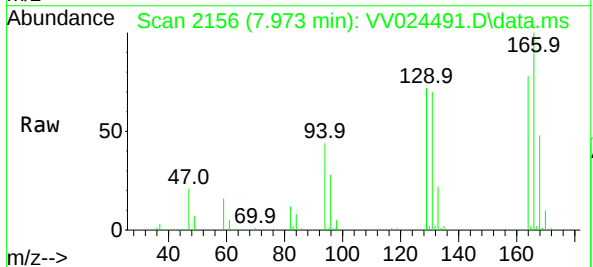
Instrument :
MSVOA_V
ClientSampleId :
COHMODL

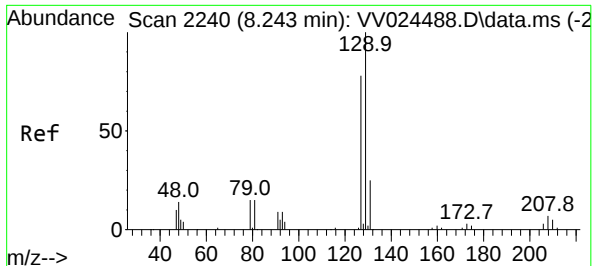
Tgt Ion: 83 Resp: 600
Ion Ratio Lower Upper
83 100
85 31.7 44.0 81.8#
127 0.0 8.6 12.8#



#47
Tetrachloroethene
Concen: 38.018 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024491.D
Acq: 28 Jan 2022 17:15

Tgt Ion: 164 Resp: 313098
Ion Ratio Lower Upper
164 100
129 92.0 62.6 116.2
131 89.1 61.0 113.4
166 127.7 87.3 162.1





#49

Dibromochloromethane

Concen: 36.781 ug/L

RT: 7.973 min Scan# 21

Delta R.T. -0.270 min

Lab File: VV024491.D

Acq: 28 Jan 2022 17:15

Instrument :

MSVOA_V

ClientSampleId :

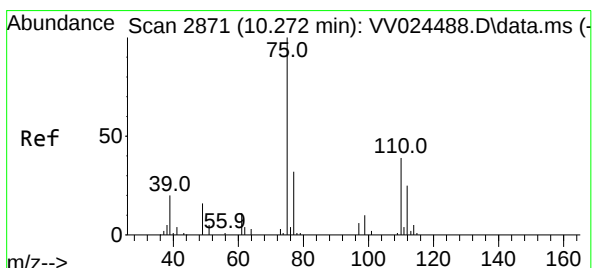
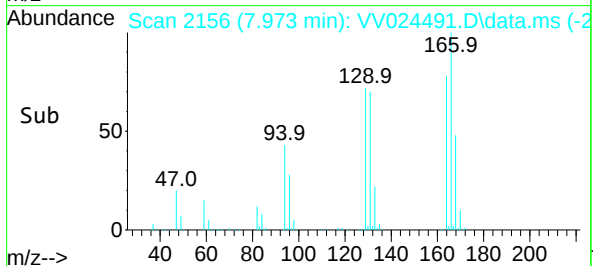
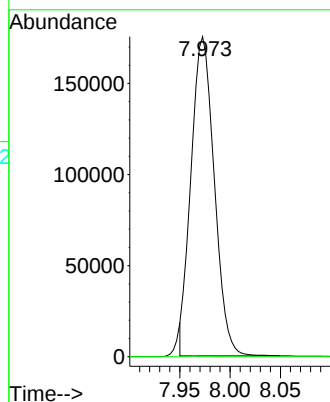
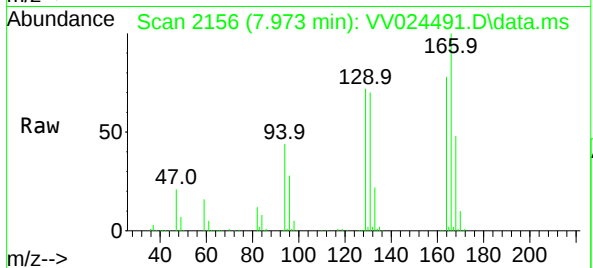
COHMODL

Tgt Ion:129 Resp: 281244

Ion Ratio Lower Upper

129 100

127 0.1 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.805 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024491.D

Acq: 28 Jan 2022 17:15

Tgt Ion: 75 Resp: 7171

Ion Ratio Lower Upper

75 100

77 33.0 26.4 39.6

110 3.0 34.2 51.2#

