

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041023\
 Data File : VW030471.D
 Acq On : 10 Apr 2023 16:16
 Operator : SY/MD
 Sample : 02225-20DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4DL

Quant Time: Apr 11 06:30:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

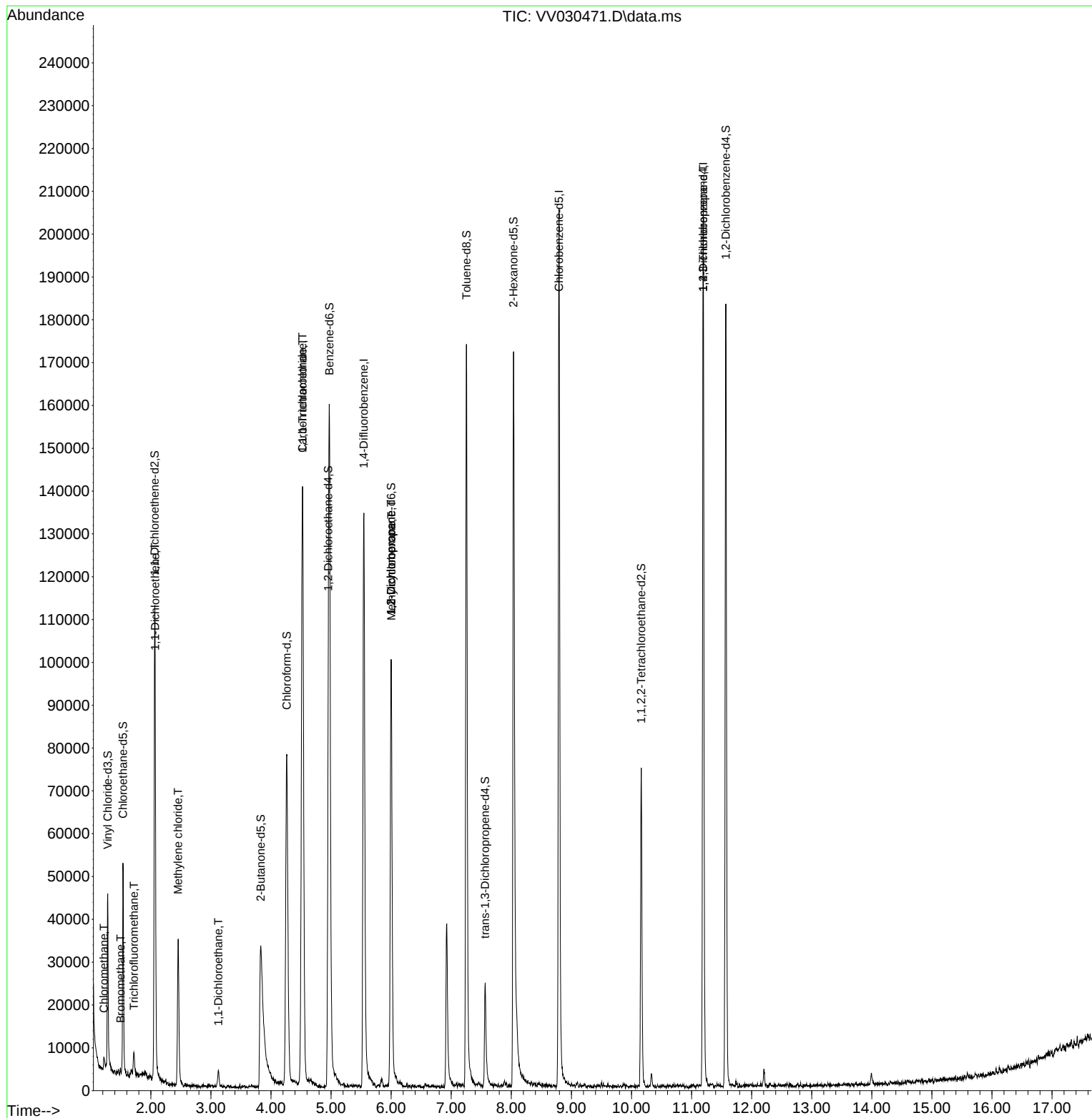
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	116376	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	114516	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57578	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	28070	3.642	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.535	69	30373	4.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.063	63	55154	3.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.828	46	85303	42.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.640%
24) Chloroform-d	4.262	84	81026	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.953	65	42192	4.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	4.973	84	141545	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	5.998	67	45463	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.252	98	119022	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.564	79	14952	3.931	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.037	63	63242	41.376	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.760%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34032	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	48678	4.730	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3230	0.173	ug/L	93
6) Bromomethane	1.494	94	391	0.101	ug/L	94
9) Trichlorofluoromethane	1.719	101	3109	0.157	ug/L	96
12) 1,1-Dichloroethene	2.072	96	7706	0.792	ug/L #	1
16) Methylene chloride	2.455	84	14007	1.218	ug/L	97
19) 1,1-Dichloroethane	3.124	63	3388	0.171	ug/L #	91
29) 1,1,1-Trichloroethane	4.522	97	115109	6.254	ug/L	99
31) Carbon tetrachloride	4.522	117	14703	0.880	ug/L	96
35) Methylcyclohexane	6.002	83	12178	0.707	ug/L #	16
37) 1,2-Dichloropropane	5.998	63	5607	0.537	ug/L #	88
61) 1,2,3-Trichloropropane	11.194	75	5972	1.160	ug/L #	61

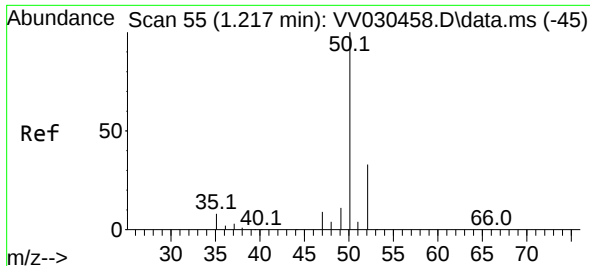
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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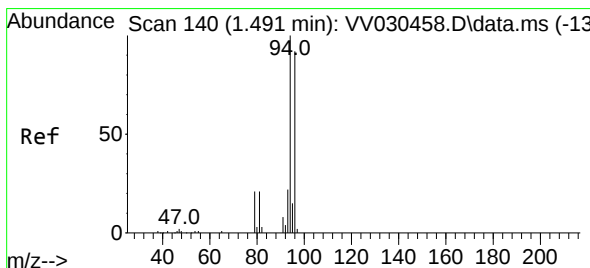
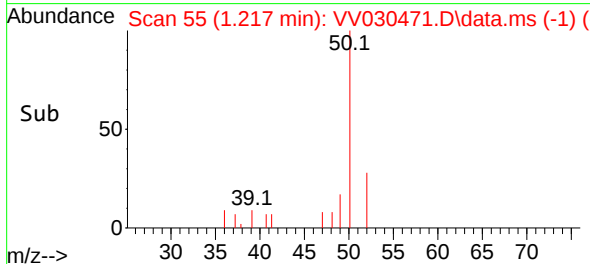
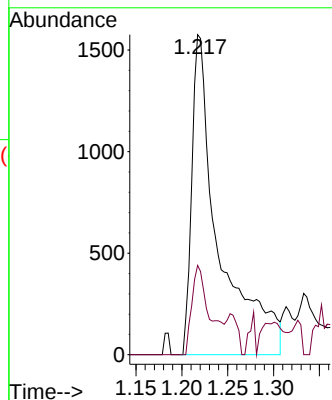
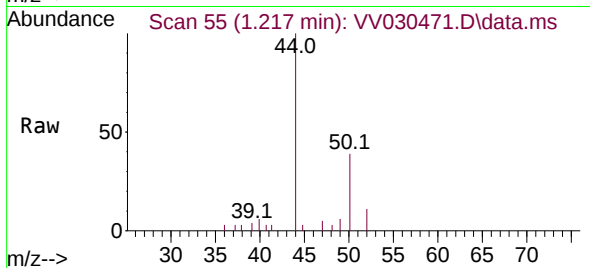




#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030471.D
Acq: 10 Apr 2023 16:16

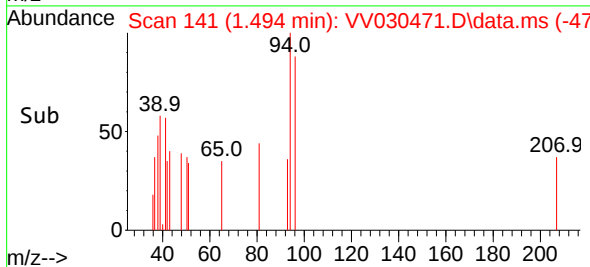
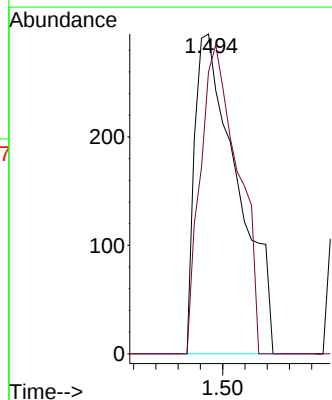
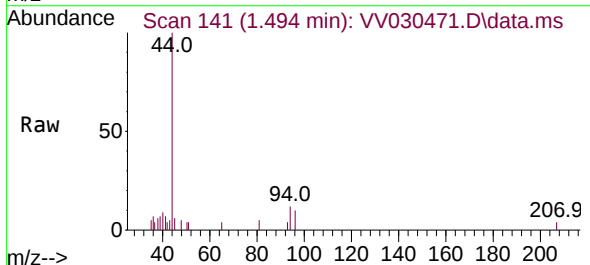
Instrument :
MSVOA_V
ClientSampleId :
C0AE4DL

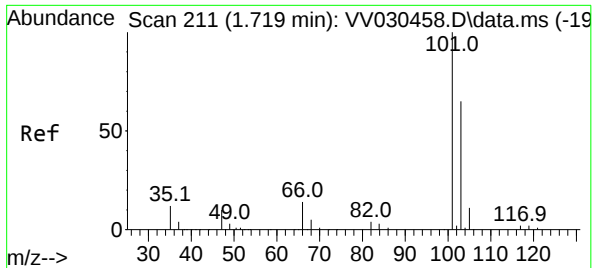
Tgt Ion: 50 Resp: 3230
Ion Ratio Lower Upper
50 100
52 27.9 22.3 41.5



#6
Bromomethane
Concen: 0.101 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030471.D
Acq: 10 Apr 2023 16:16

Tgt Ion: 94 Resp: 391
Ion Ratio Lower Upper
94 100
96 88.1 66.1 122.7

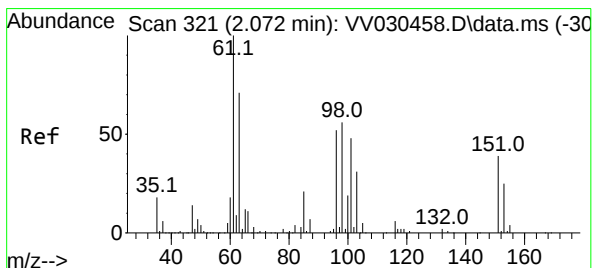
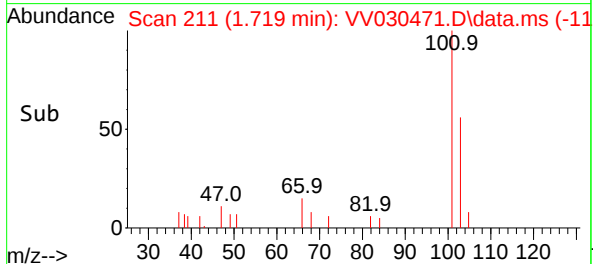
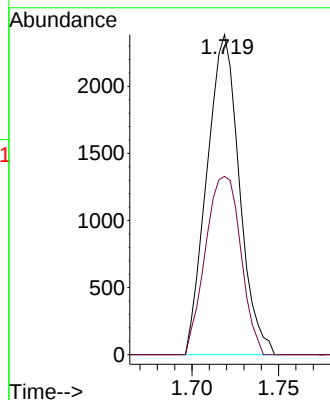
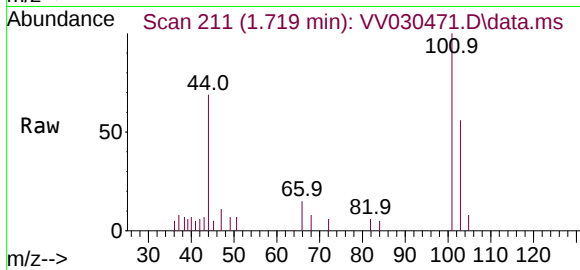




#9
 Trichlorofluoromethane
 Concen: 0.157 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VV030471.D
 Acq: 10 Apr 2023 16:16

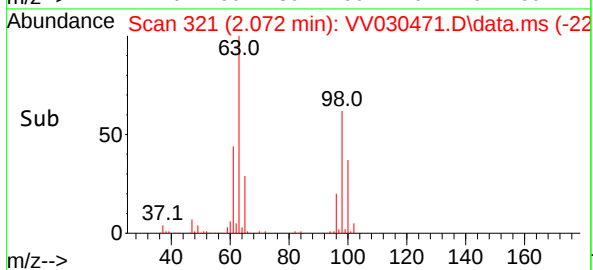
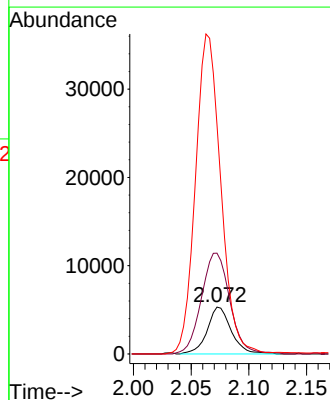
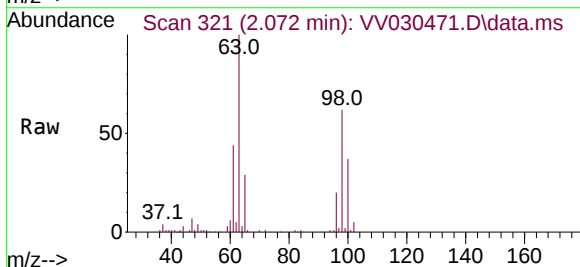
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4DL

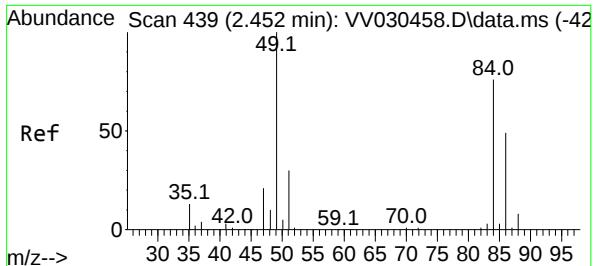
Tgt Ion:101 Resp: 3109
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 0.792 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030471.D
 Acq: 10 Apr 2023 16:16

Tgt Ion: 96 Resp: 7706
 Ion Ratio Lower Upper
 96 100
 61 215.0 136.3 253.1
 63 488.9 92.1 171.1#

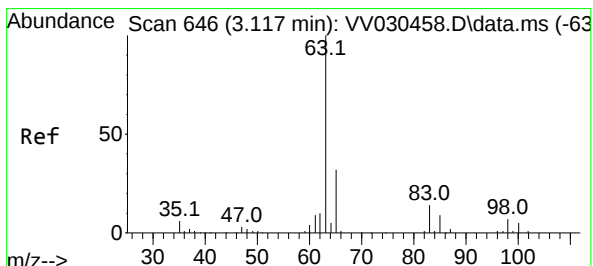
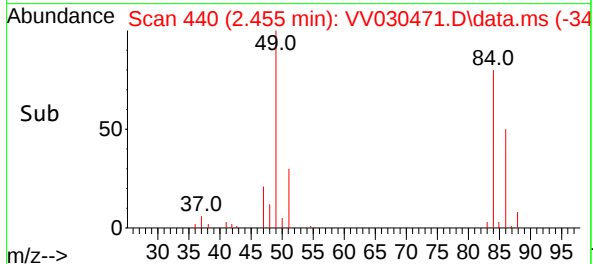
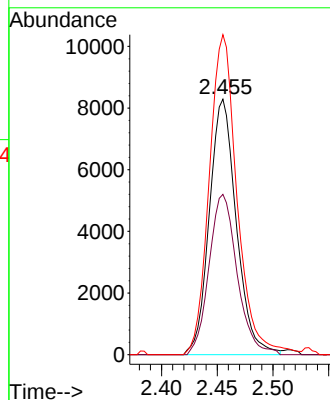
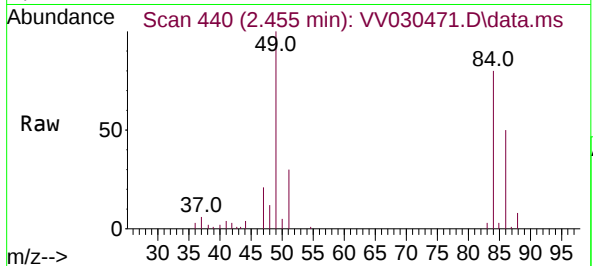




#16
Methylene chloride
Concen: 1.218 ug/L
RT: 2.455 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030471.D
Acq: 10 Apr 2023 16:16

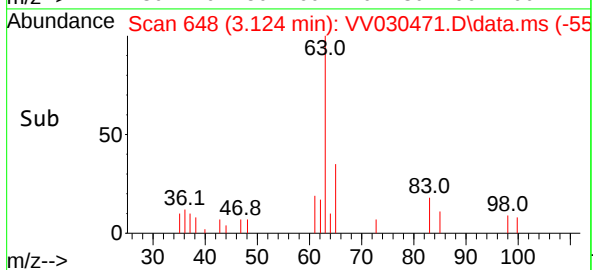
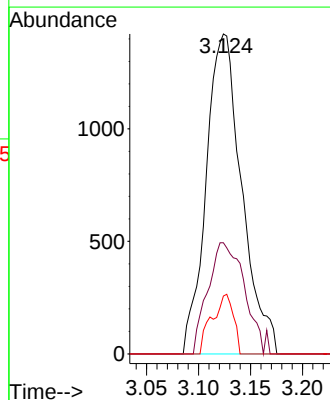
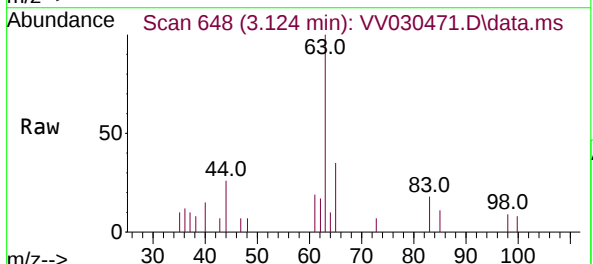
Instrument :
MSVOA_V
ClientSampleId :
C0AE4DL

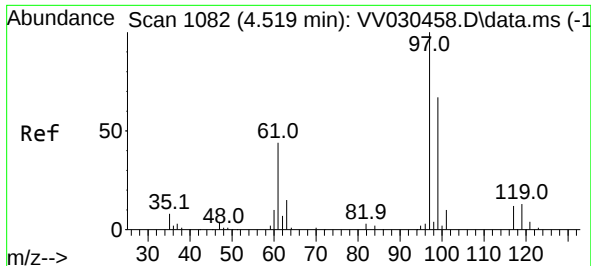
Tgt Ion: 84 Resp: 14007
Ion Ratio Lower Upper
84 100
86 62.7 44.0 81.6
49 125.2 90.6 168.3



#19
1,1-Dichloroethane
Concen: 0.171 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.006 min
Lab File: VV030471.D
Acq: 10 Apr 2023 16:16

Tgt Ion: 63 Resp: 3388
Ion Ratio Lower Upper
63 100
65 34.7 21.7 40.3
83 18.1 9.1 16.9#





#29

1,1,1-Trichloroethane

Concen: 6.254 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030471.D

Acq: 10 Apr 2023 16:16

Instrument :

MSVOA_V

ClientSampleId :

C0AE4DL

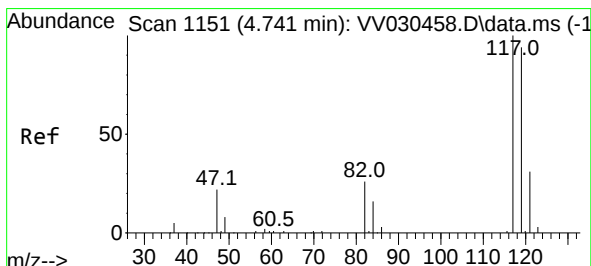
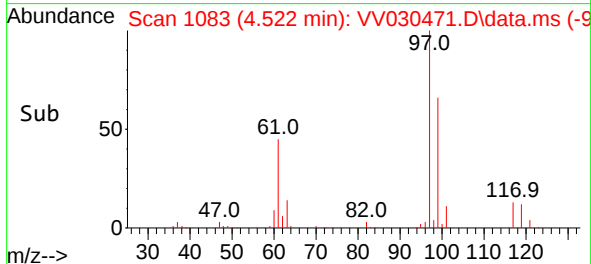
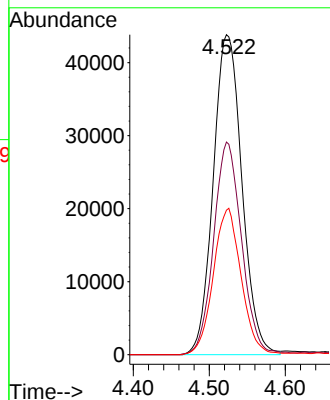
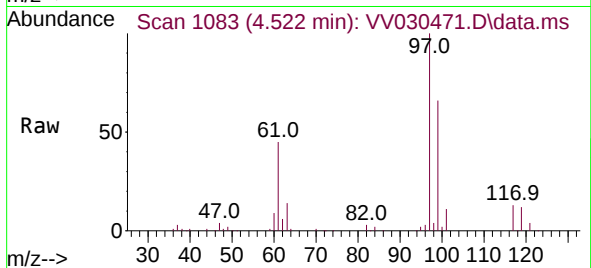
Tgt Ion: 97 Resp: 115109

Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 44.4 35.9 53.9



#31

Carbon tetrachloride

Concen: 0.880 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. -0.219 min

Lab File: VV030471.D

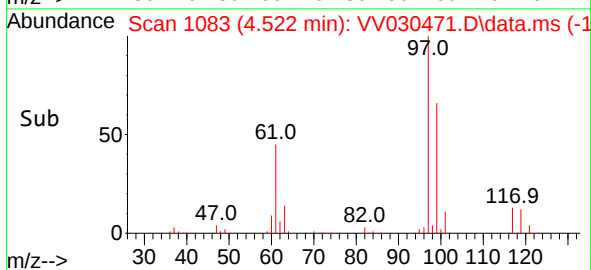
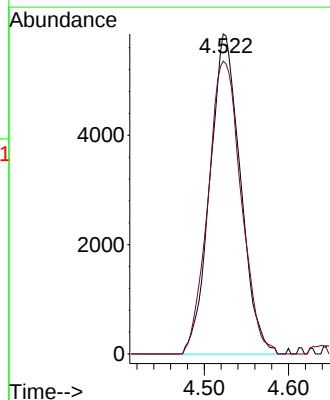
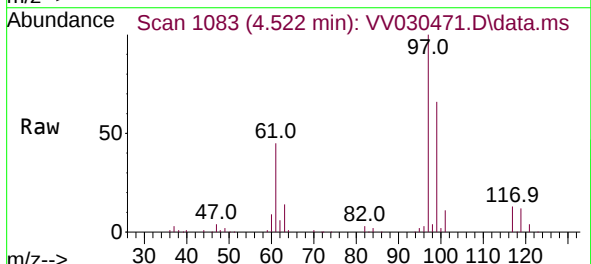
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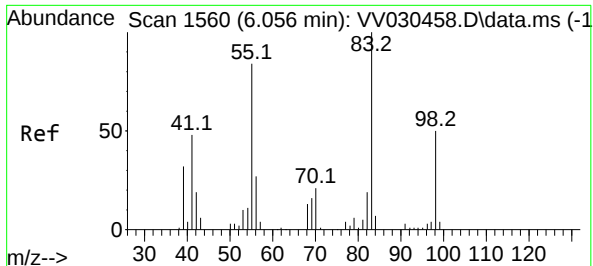
Tgt Ion: 117 Resp: 14703

Ion Ratio Lower Upper

117 100

119 98.9 76.2 114.4

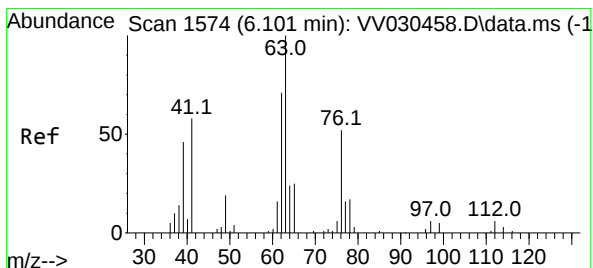
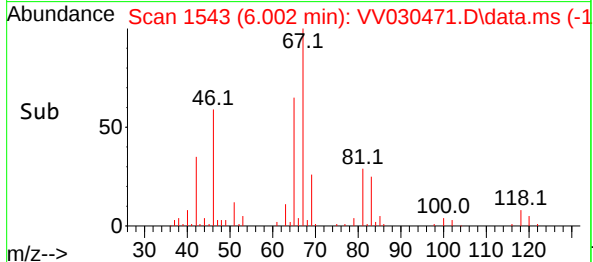
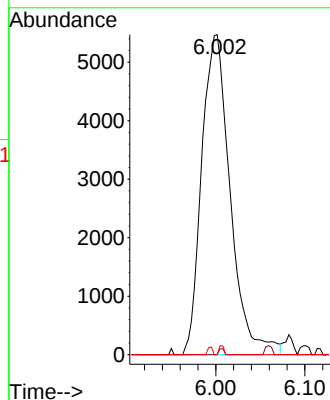
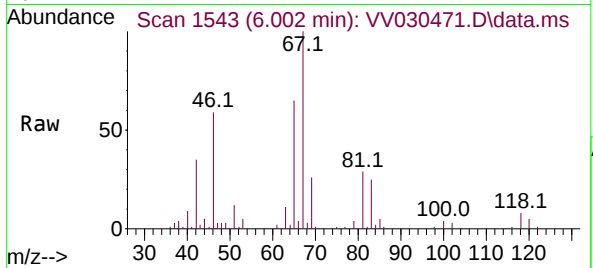




#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.002 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV030471.D
Acq: 10 Apr 2023 16:16

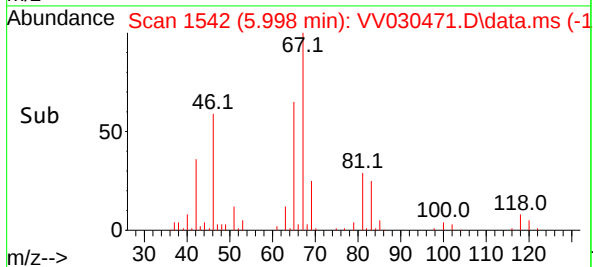
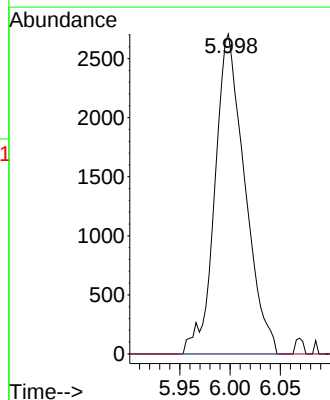
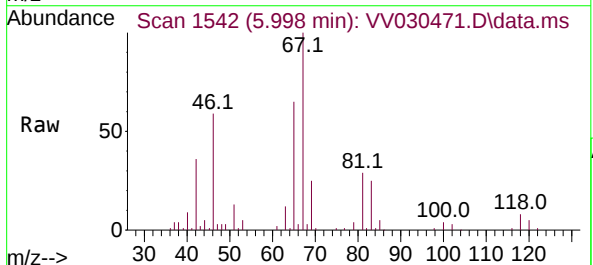
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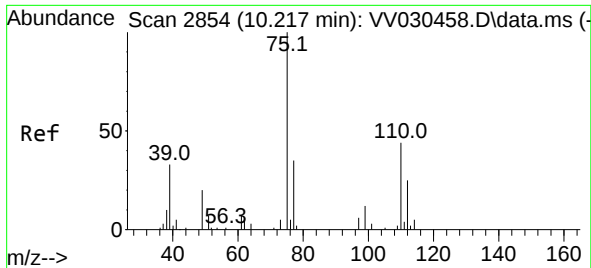
Tgt Ion: 83 Resp: 12178
Ion Ratio Lower Upper
83 100
55 0.3 66.6 100.0#
98 0.5 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030471.D
Acq: 10 Apr 2023 16:16

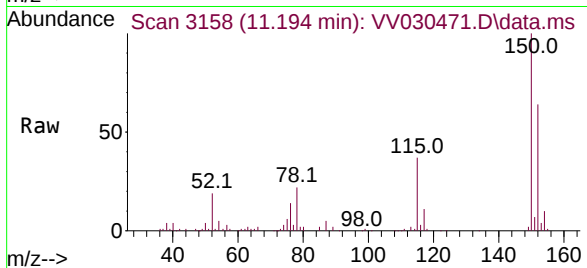
Tgt Ion: 63 Resp: 5607
Ion Ratio Lower Upper
63 100
112 0.8 3.9 5.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.160 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV030471.D
 Acq: 10 Apr 2023 16:16

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 C0AE4DL



Tgt Ion: 75 Resp: 5972
 Ion Ratio Lower Upper
 75 100
 77 39.8 26.0 39.0#
 110 2.7 31.6 47.4#

