

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026762.D
 Acq On : 13 Jul 2022 19:13
 Operator : SY/MD
 Sample : N3658-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:05:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 23:00:17 2022
 Response via : Initial Calibration

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

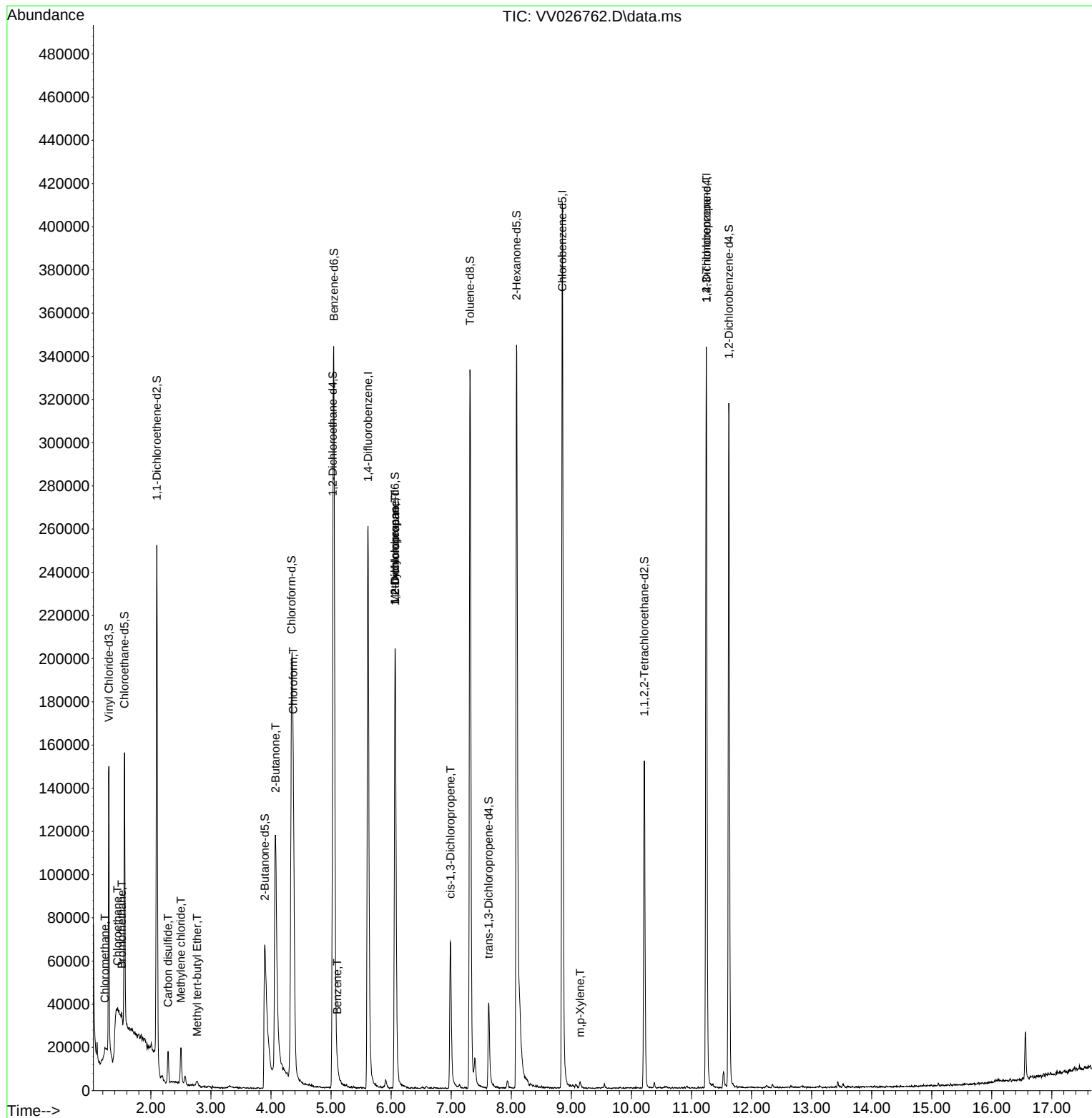
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	225922	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	232320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90631	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	86844	4.214	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.561	69	80460	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.098	63	125102	3.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.896	46	142707	44.364	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.720%
24) Chloroform-d	4.343	84	182078	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.031	65	79658	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.047	84	316971	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.066	67	104419	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.314	98	232517	3.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.625	79	26088	3.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.088	63	135364	45.148	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78069	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	78941	4.999	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	1783	0.065	ug/L #	79
6) Bromomethane	1.516	94	1235	0.074	ug/L	94
8) Chloroethane	1.442	64	55820	3.376	ug/L #	49
14) Carbon disulfide	2.285	76	17081	0.293	ug/L	99
16) Methylene chloride	2.500	84	6706	0.284	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	2032	0.060	ug/L #	79
21) 2-Butanone	4.076	43	201576	63.863	ug/L #	47
25) Chloroform	4.371	83	110182	3.164	ug/L	100
33) Benzene	5.105	78	5575	0.072	ug/L	100
35) Methylcyclohexane	6.066	83	24790	0.851	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	11401	0.614	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1765	0.076	ug/L #	48
53) m,p-Xylene	9.146	106	1179	0.039	ug/L	77
61) 1,2,3-Trichloropropane	11.249	75	10691	1.279	ug/L #	65

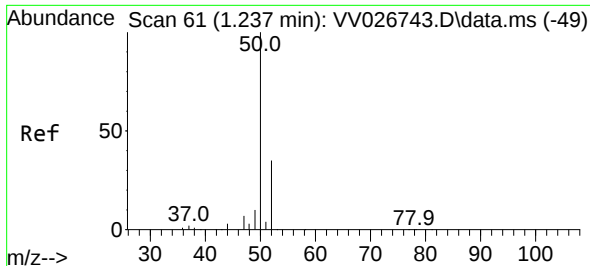
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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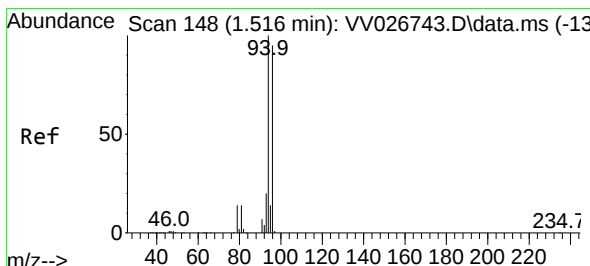
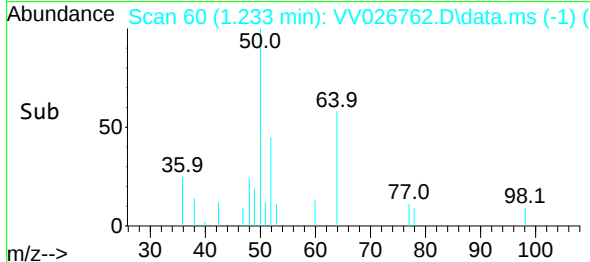
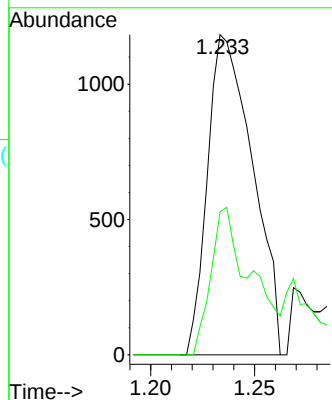
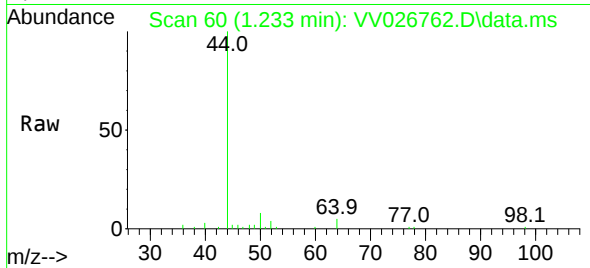




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.233 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

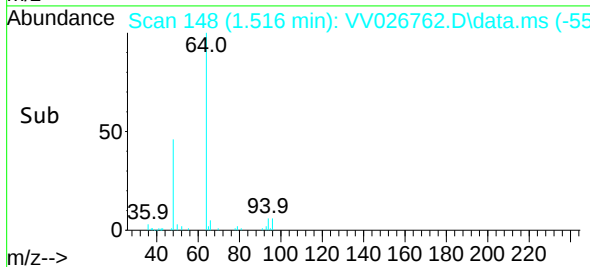
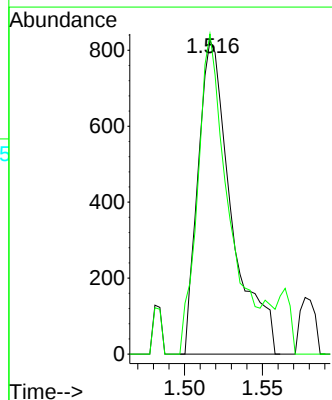
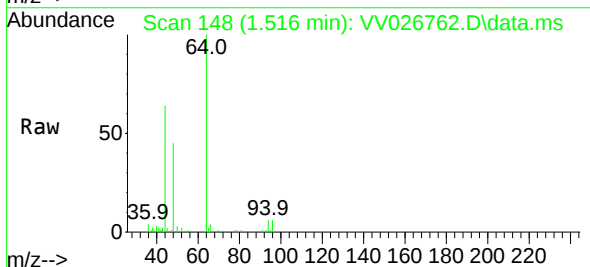
Instrument :
MSVOA_V
ClientSampleId :

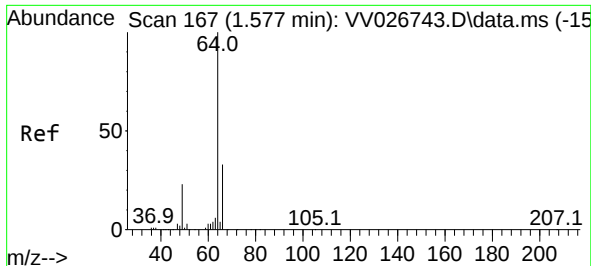
Tgt Ion: 50 Resp: 1783
Ion Ratio Lower Upper
50 100
52 44.6 22.8 42.4#



#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.000 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

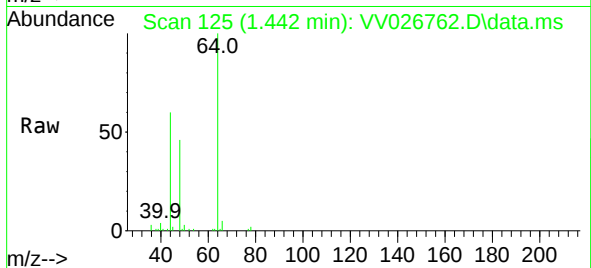
Tgt Ion: 94 Resp: 1235
Ion Ratio Lower Upper
94 100
96 102.1 67.1 124.7



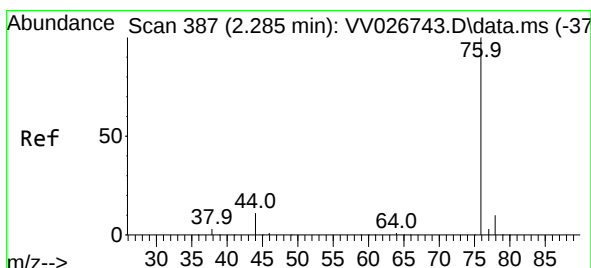
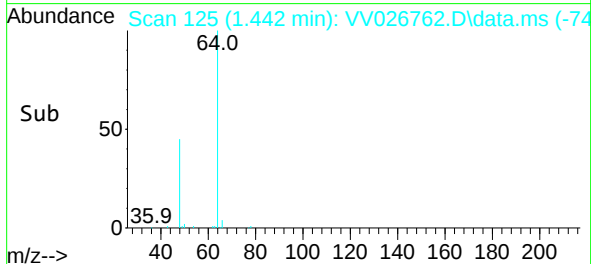
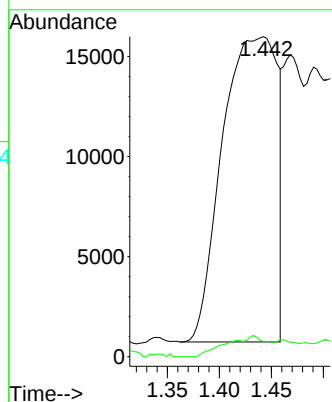


#8
Chloroethane
Concen: 3.376 ug/L
RT: 1.442 min Scan# 11
Delta R.T. -0.135 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

Instrument :
MSVOA_V
ClientSampleId :

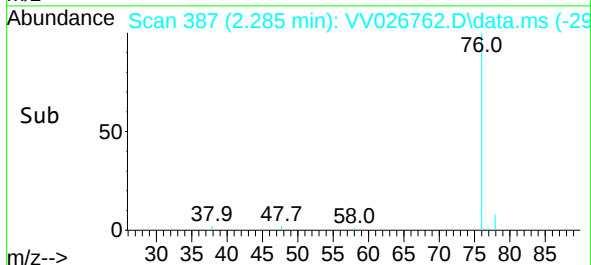
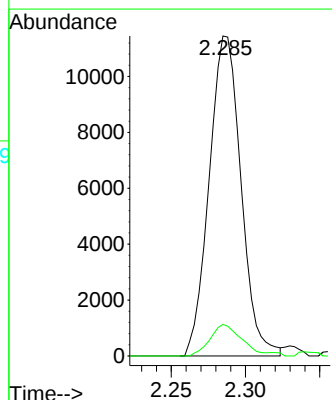
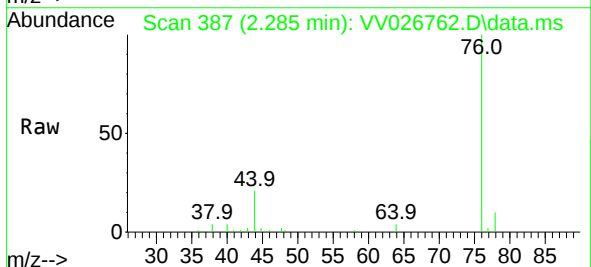


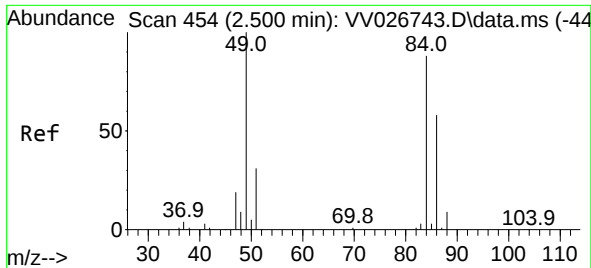
Tgt Ion: 64 Resp: 55820
Ion Ratio Lower Upper
64 100
66 4.8 23.9 44.5#



#14
Carbon disulfide
Concen: 0.293 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

Tgt Ion: 76 Resp: 17081
Ion Ratio Lower Upper
76 100
78 9.9 7.7 11.5

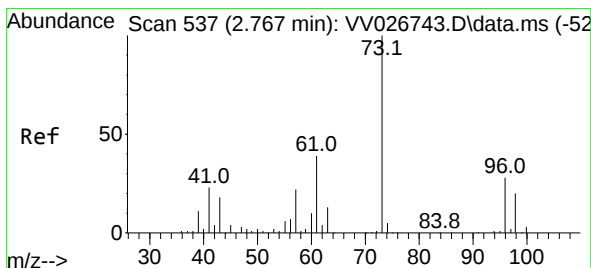
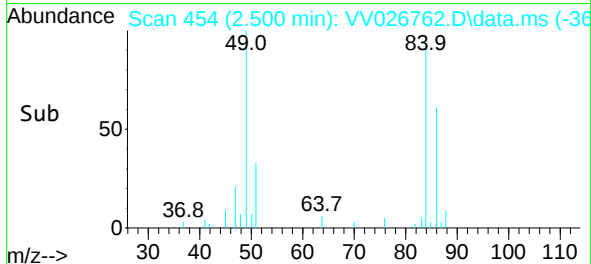
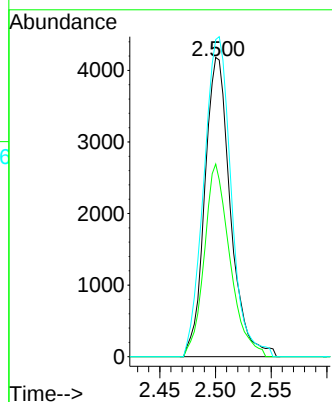
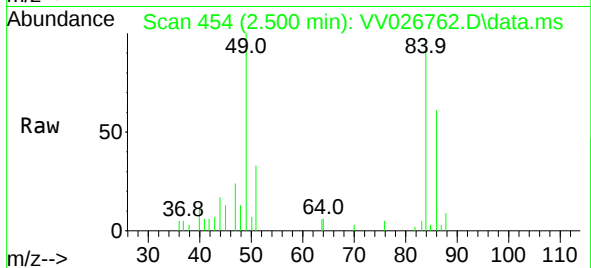




#16
Methylene chloride
Concen: 0.284 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

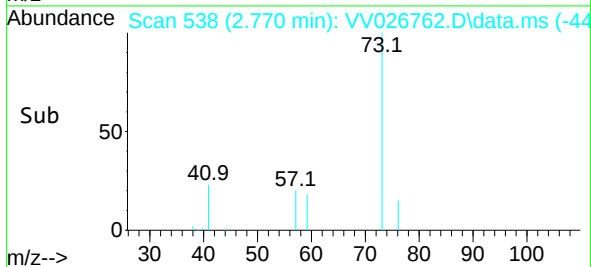
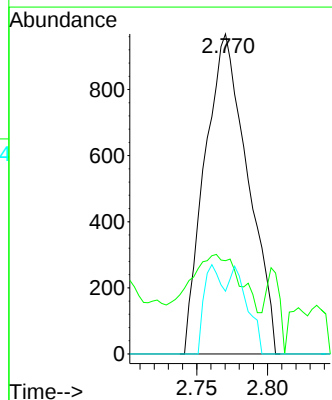
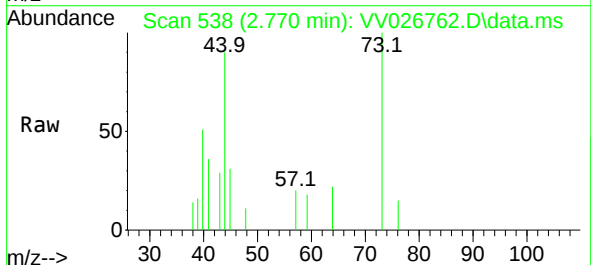
Instrument :
MSVOA_V
ClientSampleId :

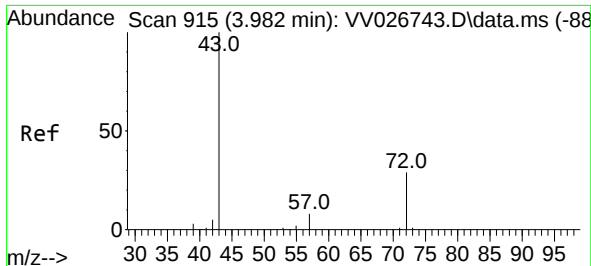
Tgt Ion: 84 Resp: 6706
Ion Ratio Lower Upper
84 100
86 64.4 44.8 83.2
49 106.0 78.7 146.1



#17
Methyl tert-butyl Ether
Concen: 0.060 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

Tgt Ion: 73 Resp: 2032
Ion Ratio Lower Upper
73 100
43 8.2 14.0 21.0#
57 11.9 17.6 26.4#

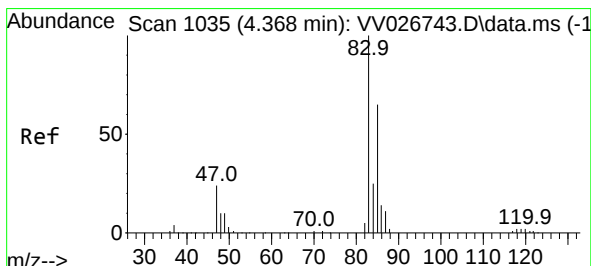
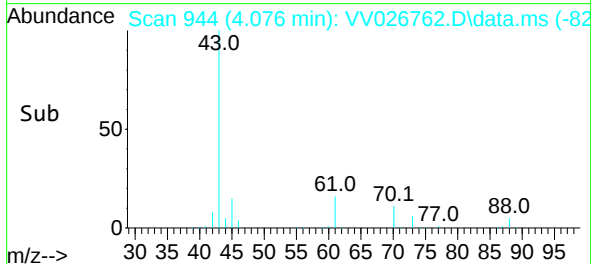
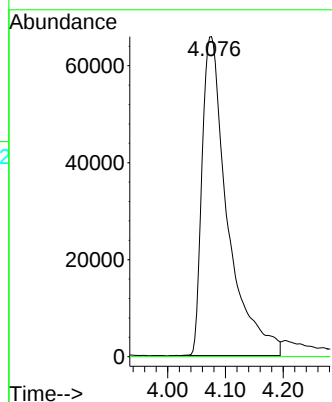
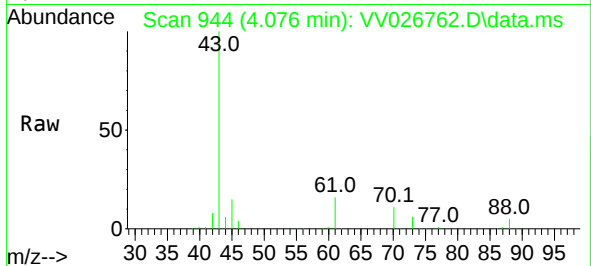




#21
2-Butanone
Concen: 63.863 ug/L
RT: 4.076 min Scan# 944
Delta R.T. 0.093 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

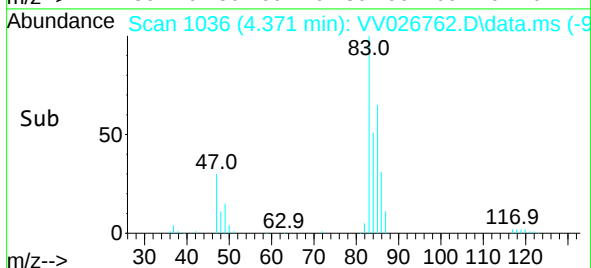
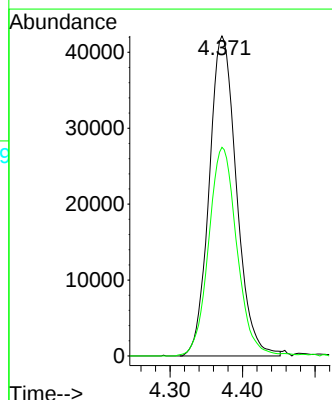
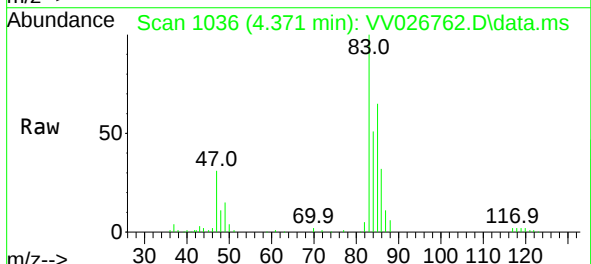
Instrument :
MSVOA_V
ClientSampleId :

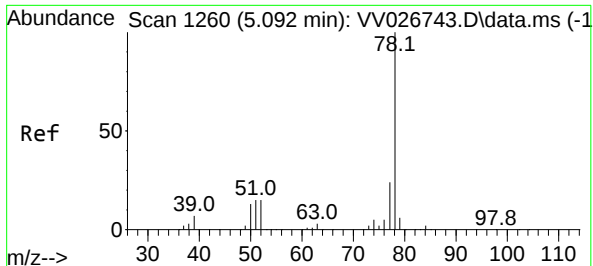
Tgt Ion: 43 Resp: 201576
Ion Ratio Lower Upper
43 100
72 0.0 13.9 41.7#



#25
Chloroform
Concen: 3.164 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

Tgt Ion: 83 Resp: 110182
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9

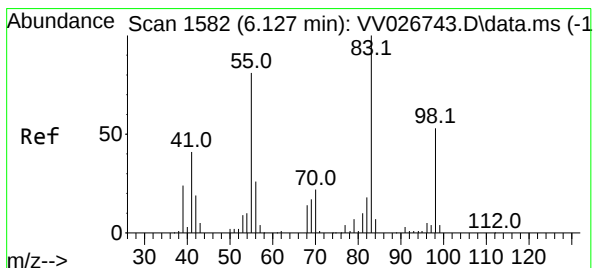
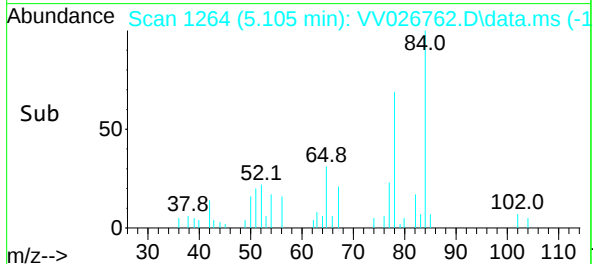
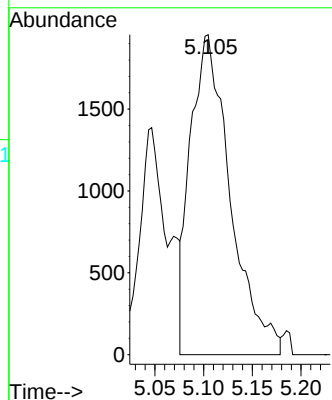
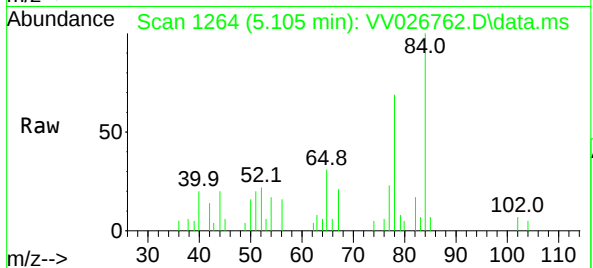




#33
Benzene
Concen: 0.072 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

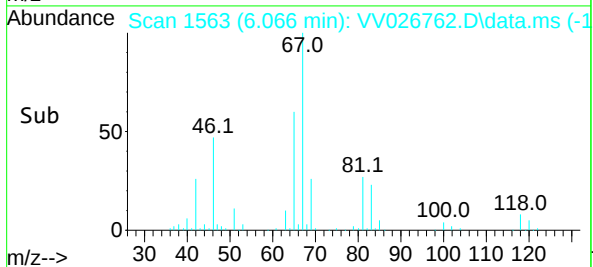
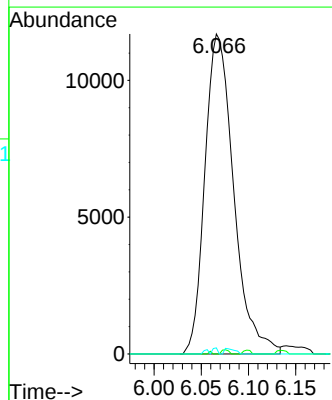
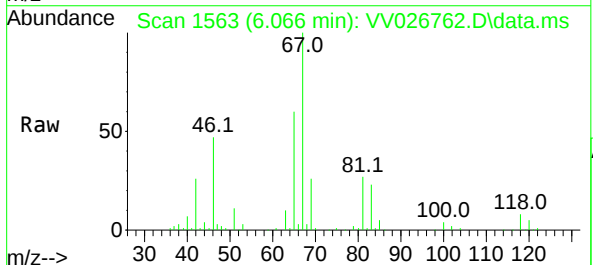
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MSVOA_V
ClientSampleId :

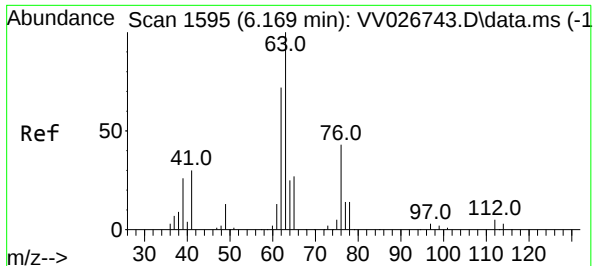
Tgt Ion: 78 Resp: 5575



#35
Methylcyclohexane
Concen: 0.851 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV026762.D
Acq: 13 Jul 2022 19:13

Tgt Ion: 83 Resp: 24790
Ion Ratio Lower Upper
83 100
55 0.0 59.5 89.3#
98 0.3 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026762.D

Acq: 13 Jul 2022 19:13

Instrument :

MSVOA_V

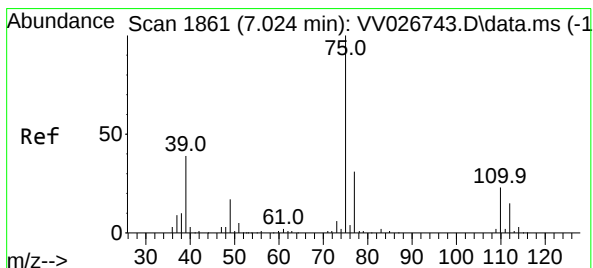
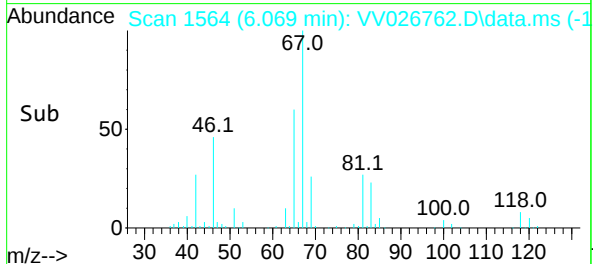
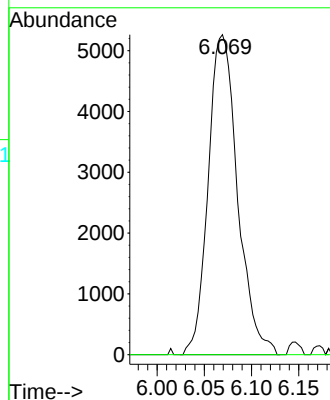
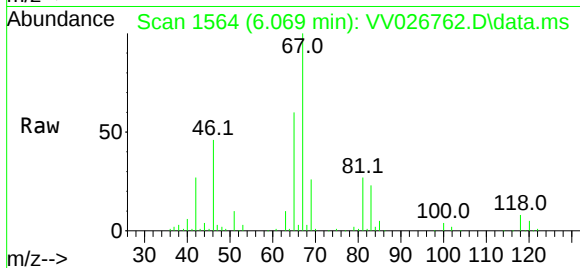
ClientSampleId :

Tgt Ion: 63 Resp: 11401

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV026762.D

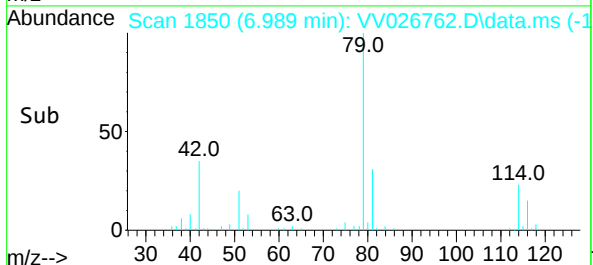
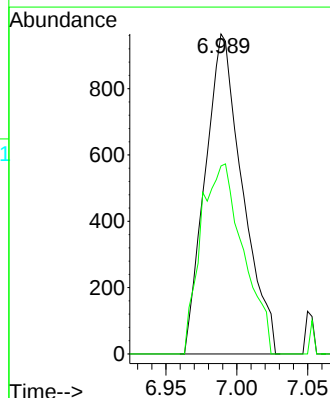
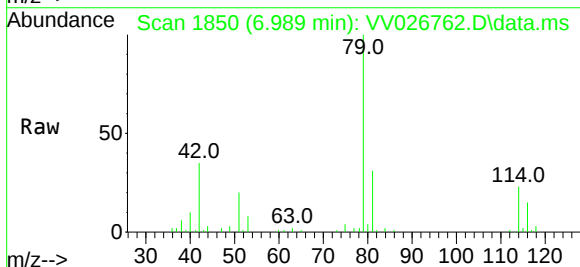
Acq: 13 Jul 2022 19:13

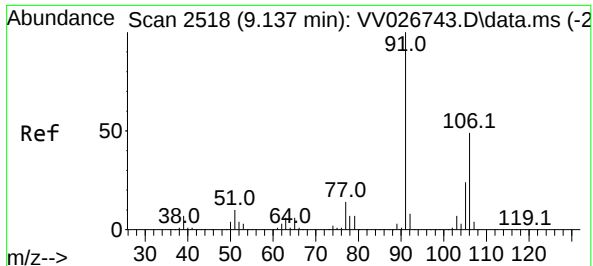
Tgt Ion: 75 Resp: 1765

Ion Ratio Lower Upper

75 100

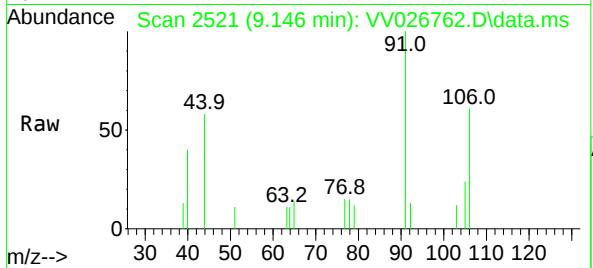
77 58.8 21.4 39.8#



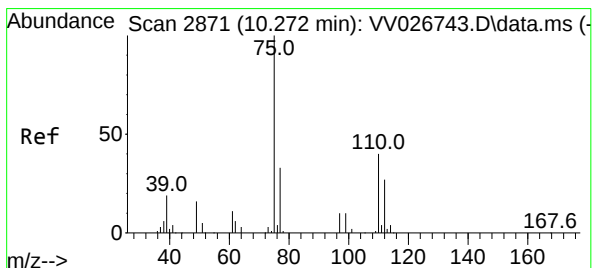
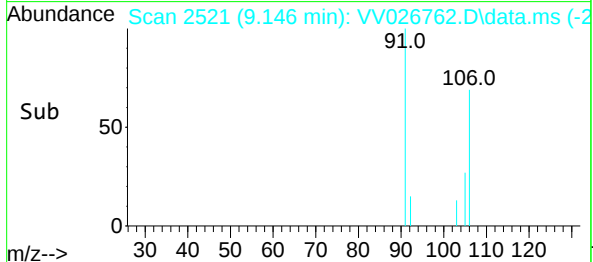
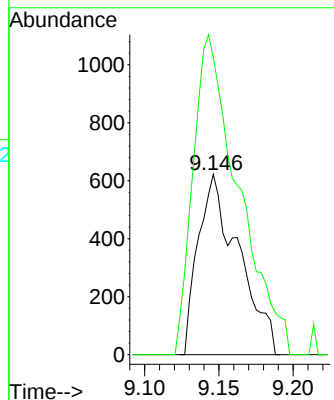


#53
 m,p-Xylene
 Concen: 0.039 ug/L
 RT: 9.146 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV026762.D
 Acq: 13 Jul 2022 19:13

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:106 Resp: 1179
 Ion Ratio Lower Upper
 106 100
 91 165.0 139.3 258.7



#61
 1,2,3-Trichloropropane
 Concen: 1.279 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV026762.D
 Acq: 13 Jul 2022 19:13

Tgt Ion: 75 Resp: 10691
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.0
 110 2.4 31.8 47.6#

