

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026754.D
 Acq On : 13 Jul 2022 15:36
 Operator : SY/MD
 Sample : N3598-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:03:30 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)

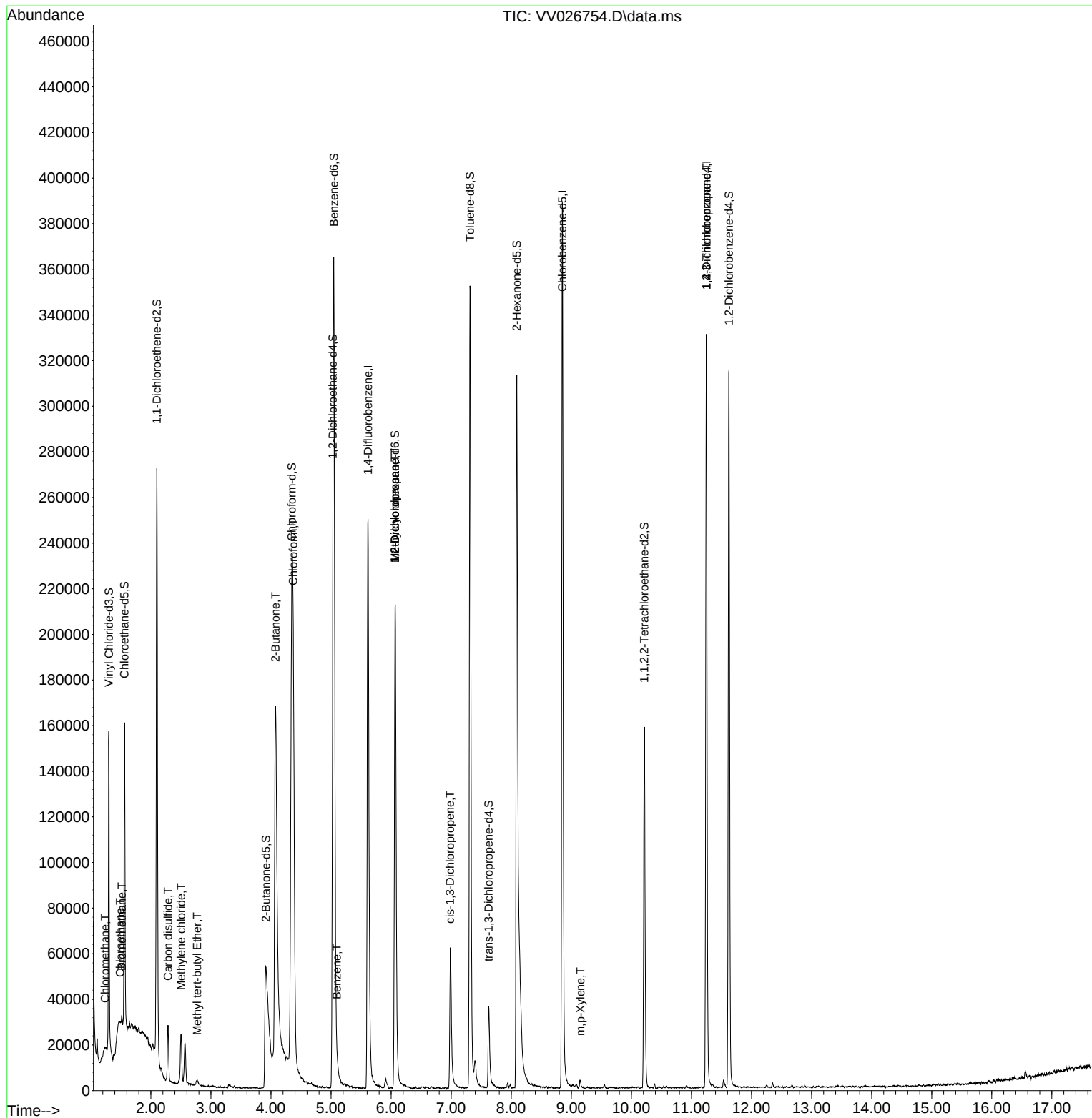
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	217588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	222153	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	87481	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	89690	4.518	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.561	69	84687	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.098	63	134189	3.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.915	46	112817	36.415	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.820%
24) Chloroform-d	4.346	84	187288	5.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	5.031	65	83849	5.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.047	84	330908	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.066	67	107982	5.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.313	98	243065	4.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.625	79	22018	3.325	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.092	63	139189	48.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	79635	5.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	83363	5.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1277	0.048	ug/L #	74
6) Bromomethane	1.516	94	1261	0.078	ug/L	81
8) Chloroethane	1.487	64	39277	2.466	ug/L #	51
14) Carbon disulfide	2.285	76	28339	0.504	ug/L	100
16) Methylene chloride	2.503	84	9622	0.423	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	2196	0.067	ug/L #	91
21) 2-Butanone	4.076	43	291015	95.730	ug/L #	47
25) Chloroform	4.371	83	157323	4.691	ug/L	98
33) Benzene	5.095	78	3865	0.052	ug/L	100
35) Methylcyclohexane	6.066	83	25838	0.927	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	11205	0.631	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	1768	0.080	ug/L #	61
53) m,p-Xylene	9.149	106	956	0.033	ug/L	65
61) 1,2,3-Trichloropropane	11.249	75	10233	1.268	ug/L #	62

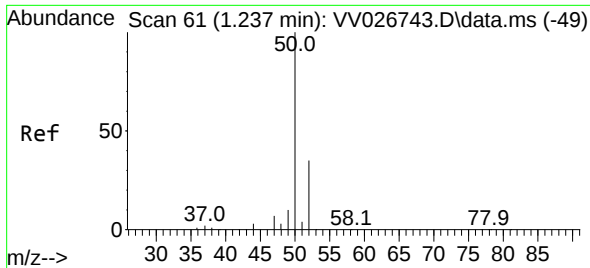
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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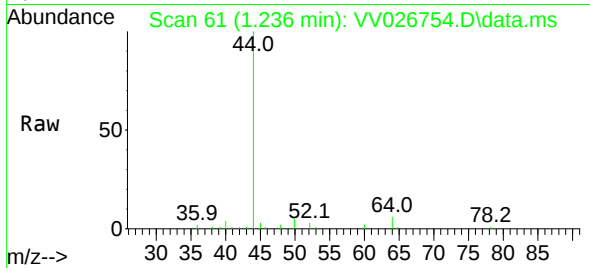
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 13 23:00:17 2022
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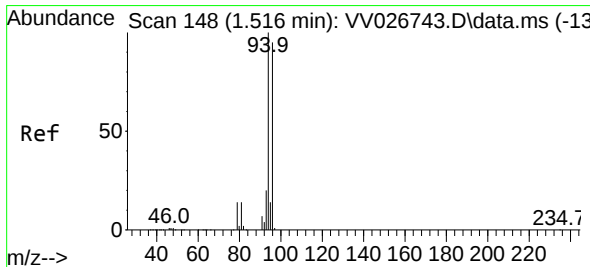
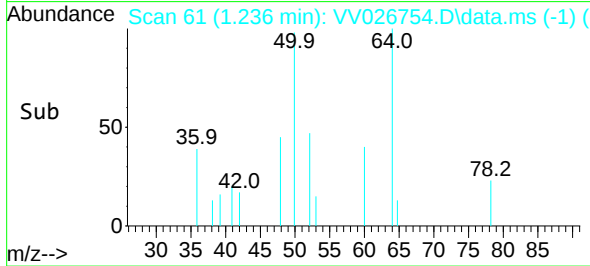
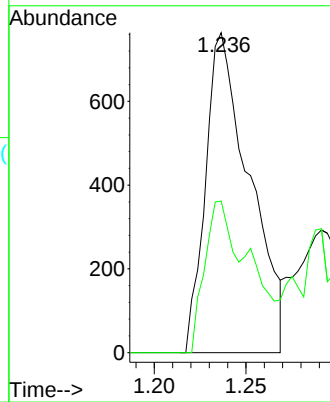


#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

Instrument :
MSVOA_V
ClientSampleId :

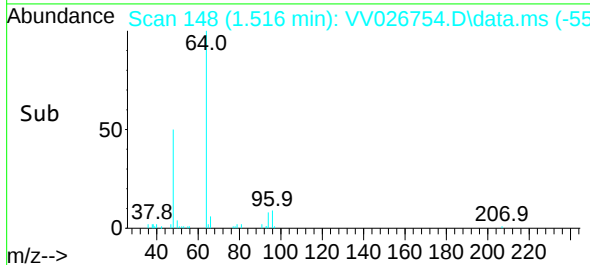
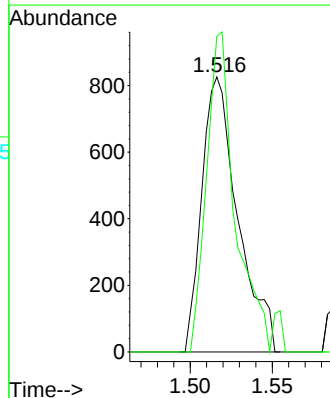
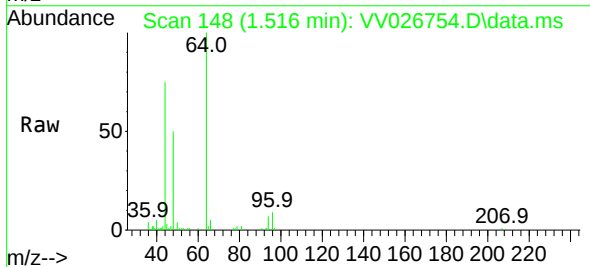


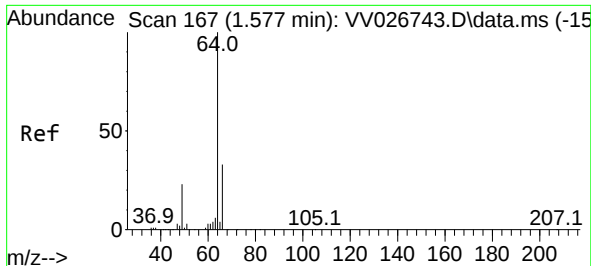
Tgt Ion: 50 Resp: 1277
Ion Ratio Lower Upper
50 100
52 47.4 22.8 42.4#



#6
Bromomethane
Concen: 0.078 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.000 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

Tgt Ion: 94 Resp: 1261
Ion Ratio Lower Upper
94 100
96 114.8 67.1 124.7

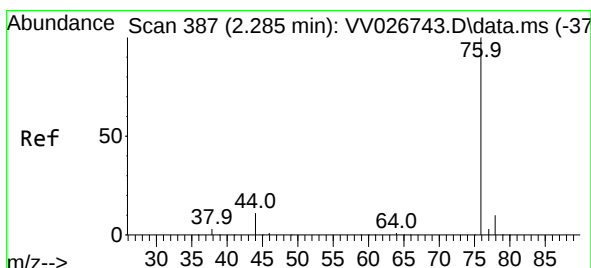
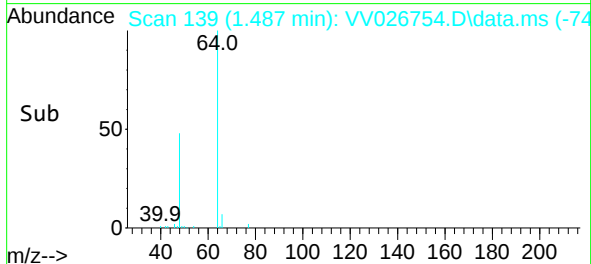
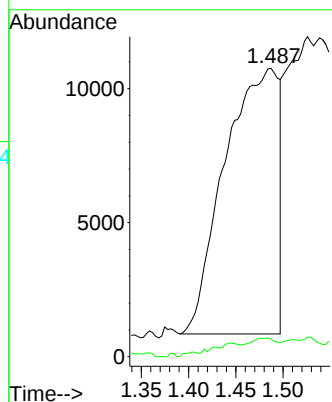
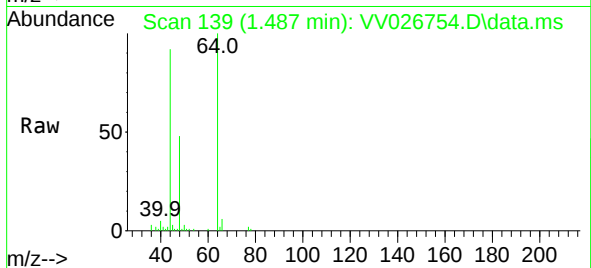




#8
Chloroethane
Concen: 2.466 ug/L
RT: 1.487 min Scan# 11
Delta R.T. -0.090 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

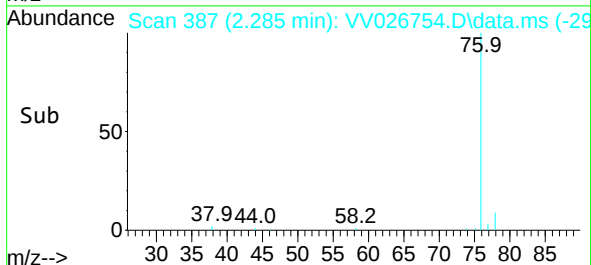
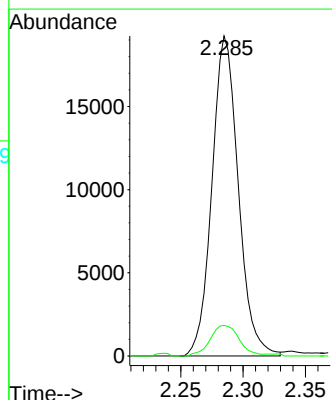
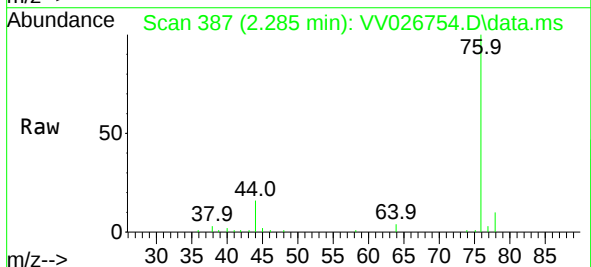
Instrument :
MSVOA_V
ClientSampleId :

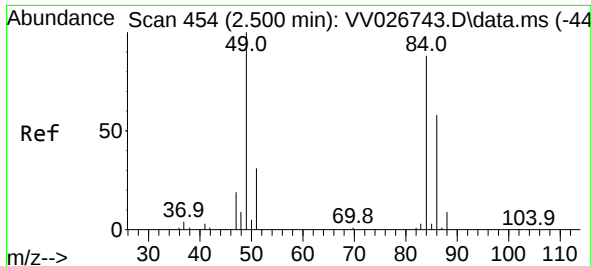
Tgt Ion: 64 Resp: 39277
Ion Ratio Lower Upper
64 100
66 6.1 23.9 44.5#



#14
Carbon disulfide
Concen: 0.504 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

Tgt Ion: 76 Resp: 28339
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5

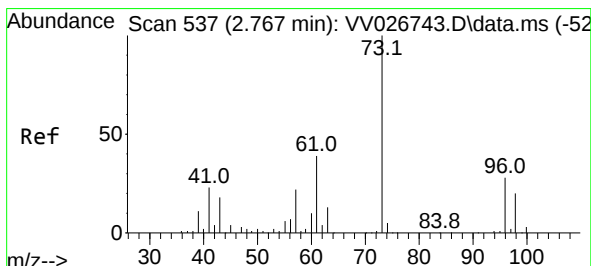
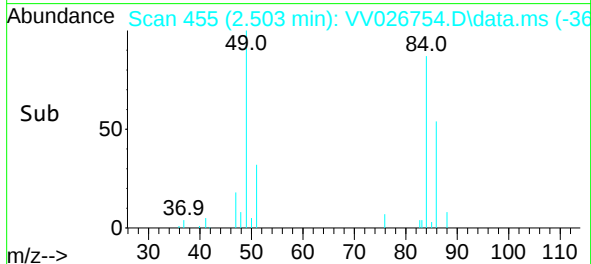
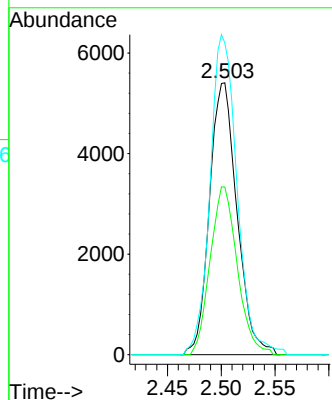
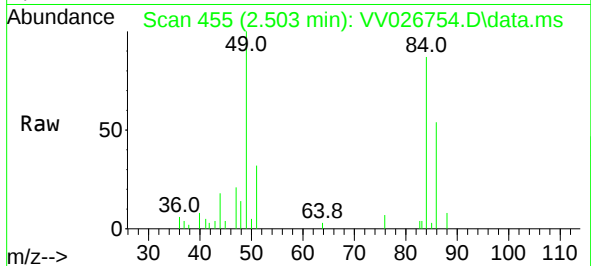




#16
Methylene chloride
Concen: 0.423 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

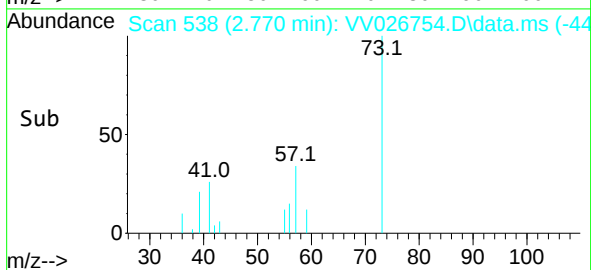
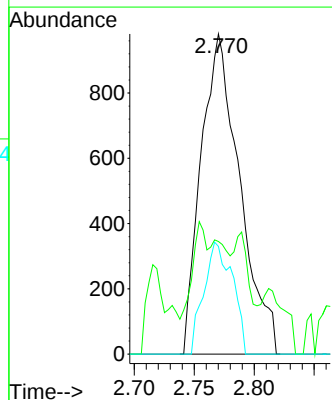
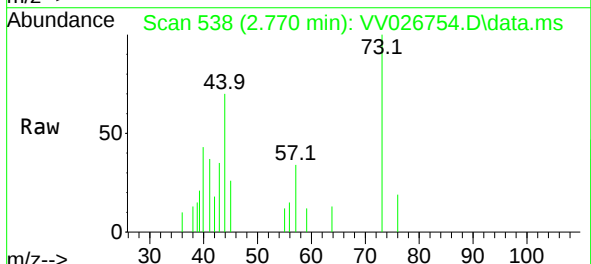
Instrument :
MSVOA_V
ClientSampleId :

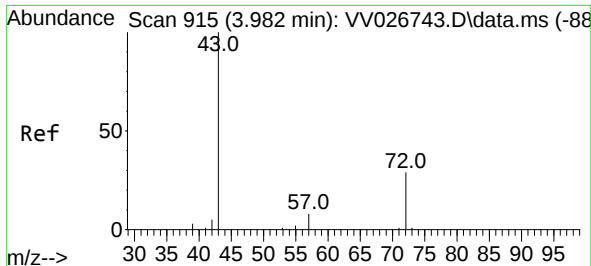
Tgt Ion: 84 Resp: 9622
Ion Ratio Lower Upper
84 100
86 61.7 44.8 83.2
49 114.7 78.7 146.1



#17
Methyl tert-butyl Ether
Concen: 0.067 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

Tgt Ion: 73 Resp: 2196
Ion Ratio Lower Upper
73 100
43 12.7 14.0 21.0#
57 25.8 17.6 26.4

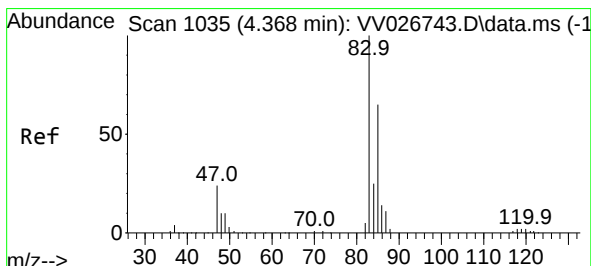
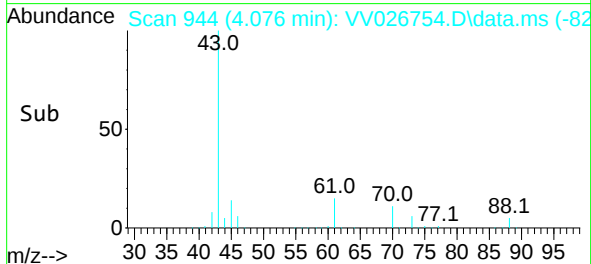
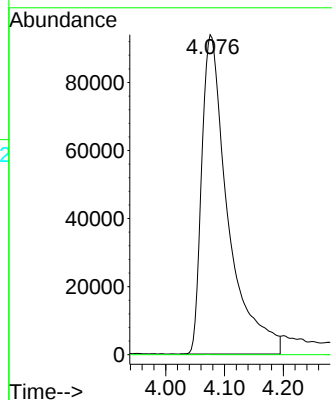
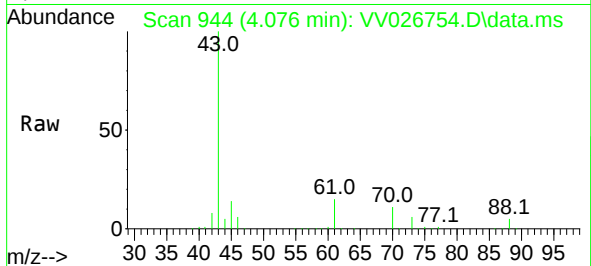




#21
2-Butanone
Concen: 95.730 ug/L
RT: 4.076 min Scan# 944
Delta R.T. 0.093 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

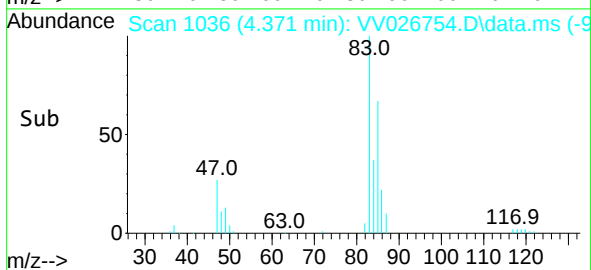
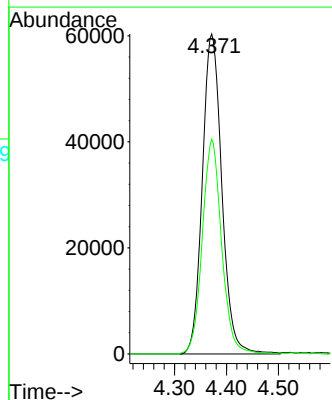
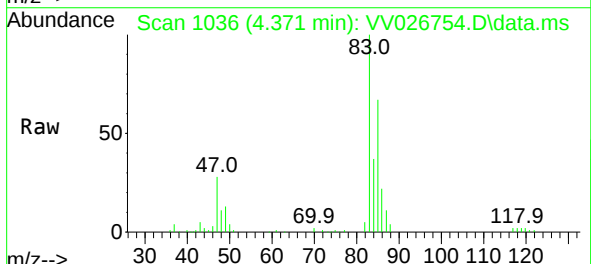
Instrument :
MSVOA_V
ClientSampleId :

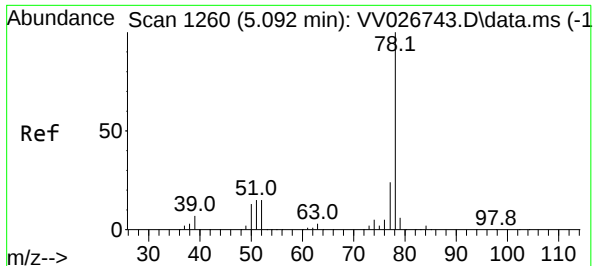
Tgt Ion: 43 Resp: 291015
Ion Ratio Lower Upper
43 100
72 0.0 13.9 41.7#



#25
Chloroform
Concen: 4.691 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

Tgt Ion: 83 Resp: 157323
Ion Ratio Lower Upper
83 100
85 67.1 45.7 84.9

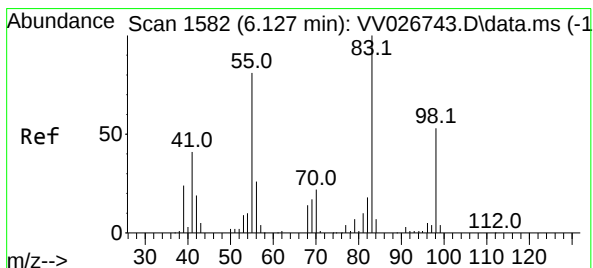
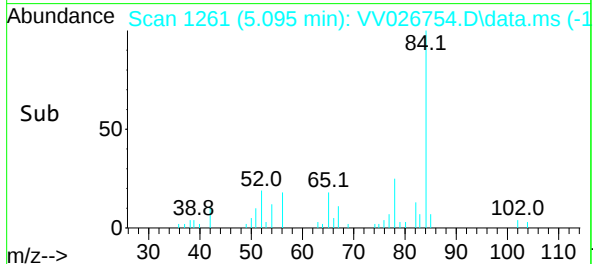
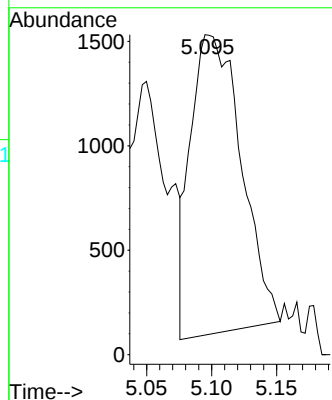
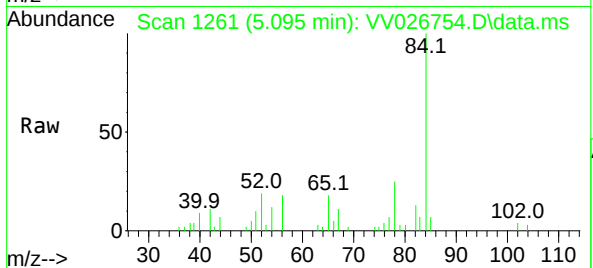




#33
Benzene
Concen: 0.052 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

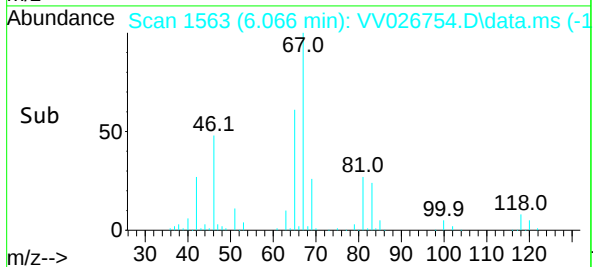
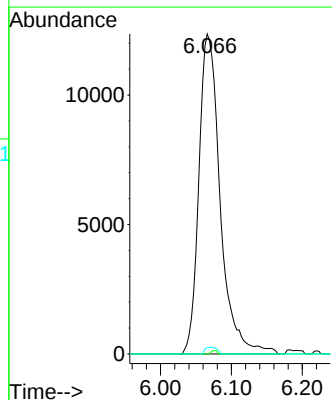
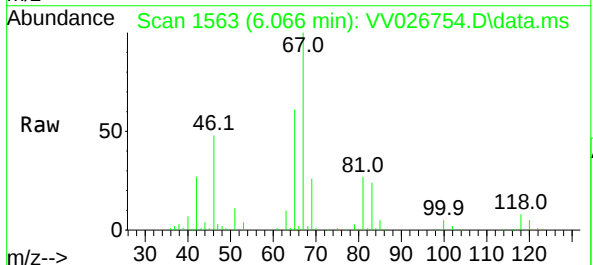
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MSVOA_V
ClientSampleId :

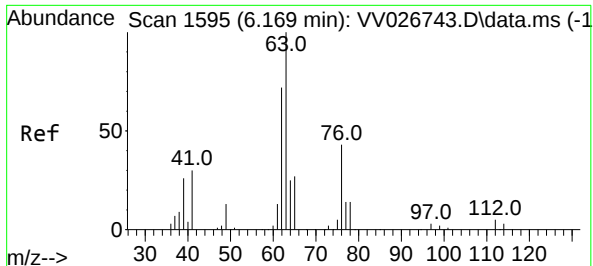
Tgt Ion: 78 Resp: 3865



#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV026754.D
Acq: 13 Jul 2022 15:36

Tgt Ion: 83 Resp: 25838
Ion Ratio Lower Upper
83 100
55 0.3 59.5 89.3#
98 1.1 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.631 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026754.D

Acq: 13 Jul 2022 15:36

Instrument :

MSVOA_V

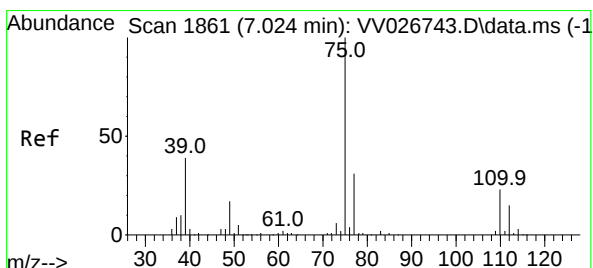
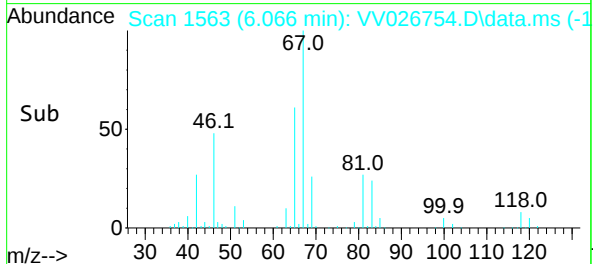
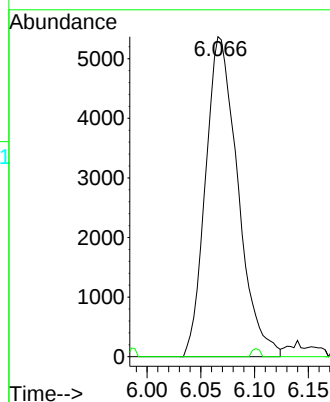
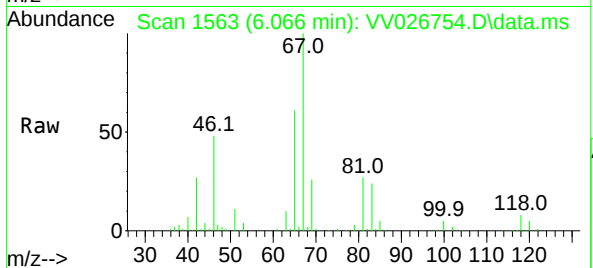
ClientSampleId :

Tgt Ion: 63 Resp: 11205

Ion Ratio Lower Upper

63 100

112 0.6 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV026754.D

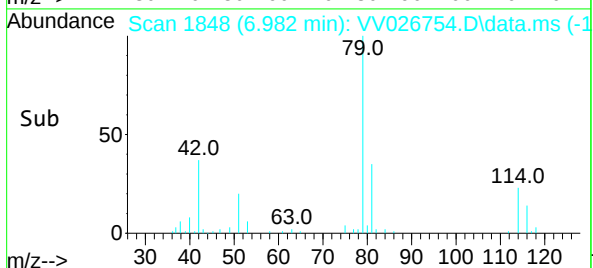
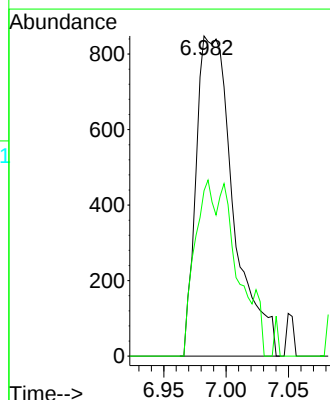
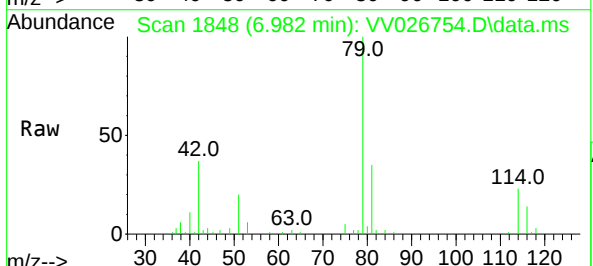
Acq: 13 Jul 2022 15:36

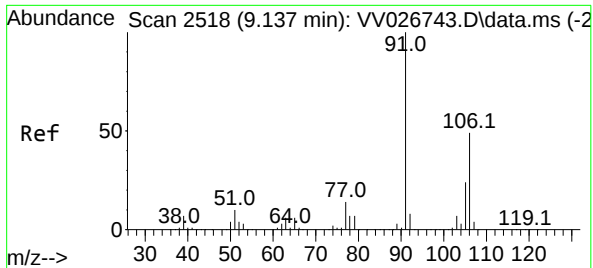
Tgt Ion: 75 Resp: 1768

Ion Ratio Lower Upper

75 100

77 51.7 21.4 39.8#

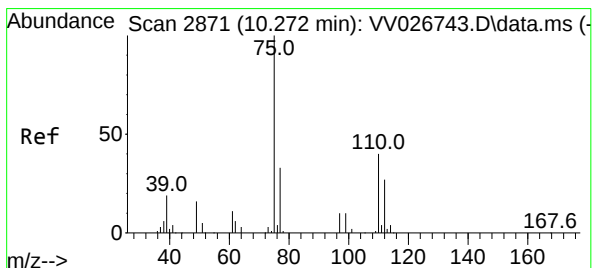
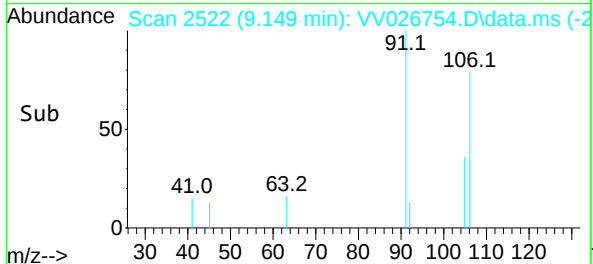
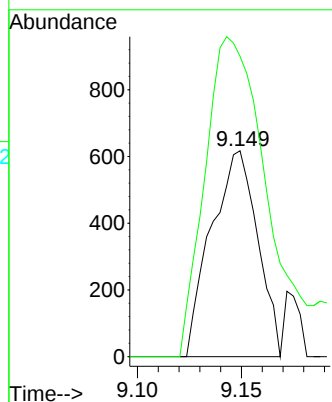
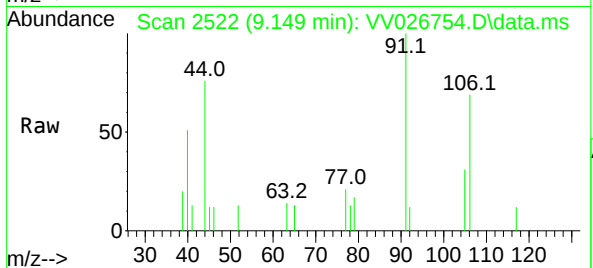




#53
 m,p-Xylene
 Concen: 0.033 ug/L
 RT: 9.149 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV026754.D
 Acq: 13 Jul 2022 15:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:106 Resp: 956
 Ion Ratio Lower Upper
 106 100
 91 145.9 139.3 258.7



#61
 1,2,3-Trichloropropane
 Concen: 1.268 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV026754.D
 Acq: 13 Jul 2022 15:36

Tgt Ion: 75 Resp: 10233
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.4 38.0
 110 1.6 31.8 47.6#

