

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028752.D
 Acq On : 28 Oct 2022 13:20
 Operator : SY/MD
 Sample : N5232-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAC6

Quant Time: Oct 28 21:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 21:50:06 2022
 Response via : Initial Calibration

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

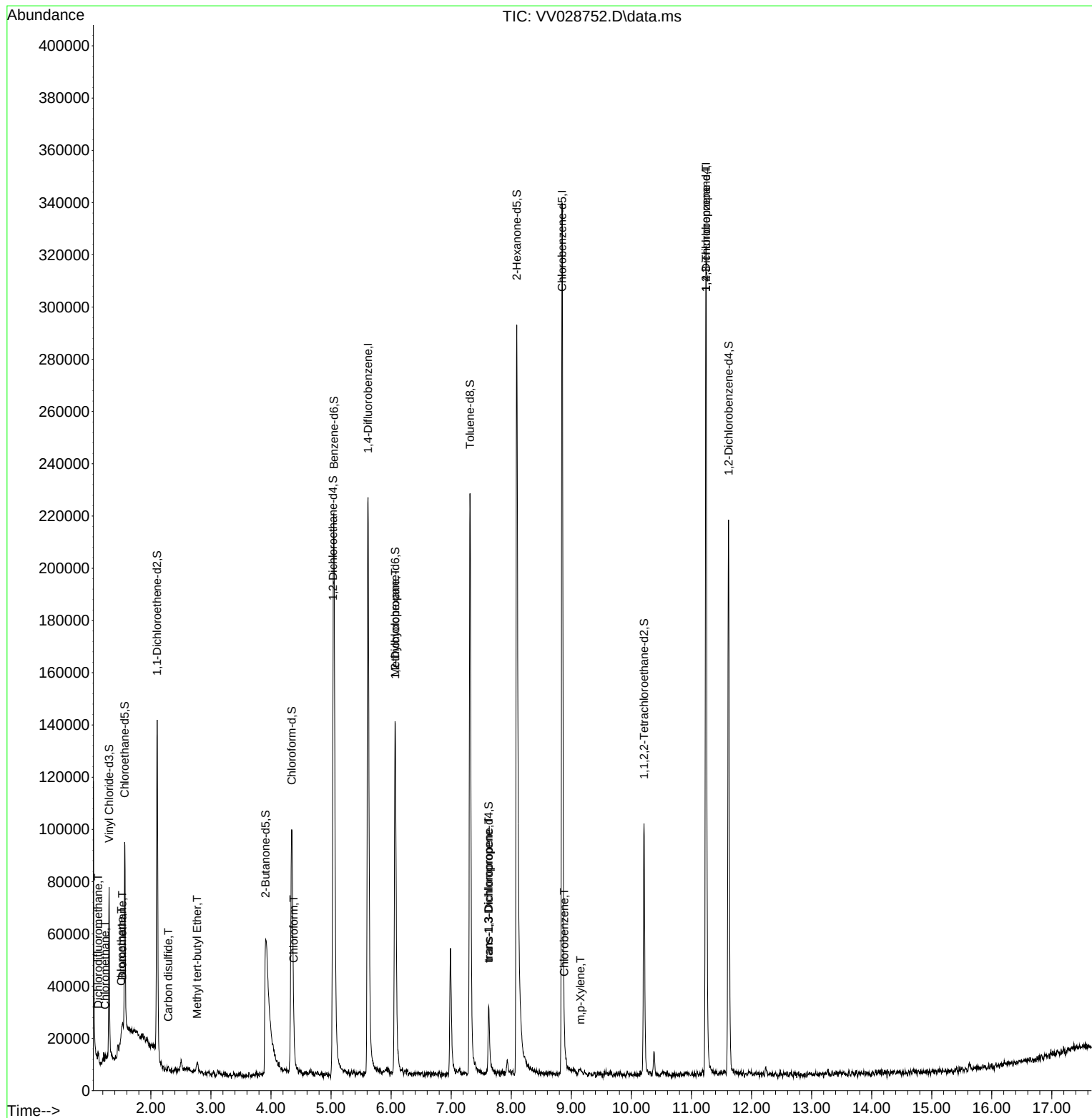
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	182548	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	168743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	74755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44519	3.507	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.565	69	44822	4.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.105	63	72176	2.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.908	46	163409	56.446	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.900%
24) Chloroform-d	4.346	84	94875	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.034	65	52994	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.047	84	181941	4.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.069	67	67664	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.313	98	143936	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.622	79	14929	3.364	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.200%
46) 2-Hexanone-d5	8.092	63	114287	55.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.640%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	47456	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	49681	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	412	0.054	ug/L	96
3) Chloromethane	1.240	50	1395	0.097	ug/L	85
6) Bromomethane	1.523	94	1050	0.154	ug/L	86
8) Chloroethane	1.510	64	17194	1.771	ug/L #	50
14) Carbon disulfide	2.291	76	1734	0.075	ug/L #	35
17) Methyl tert-butyl Ether	2.770	73	3008	0.114	ug/L #	83
25) Chloroform	4.378	83	7000	0.295	ug/L	86
35) Methylcyclohexane	6.066	83	14360	0.832	ug/L #	16
44) trans-1,3-Dichloropropene	7.625	75	937	0.074	ug/L #	73
51) Chlorobenzene	8.883	112	1220	0.041	ug/L #	19
53) m,p-Xylene	9.149	106	690	0.036	ug/L #	57
61) 1,2,3-Trichloropropane	11.243	75	11805	1.839	ug/L #	69

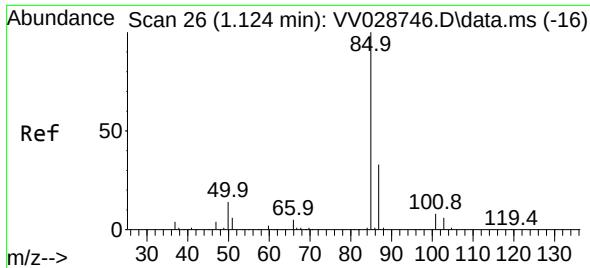
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028752.D
Acq On : 28 Oct 2022 13:20
Operator : SY/MD
Sample : N5232-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAC6

Quant Time: Oct 28 21:52:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 21:50:06 2022
Response via : Initial Calibration

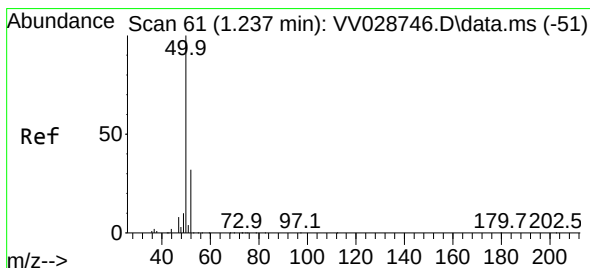
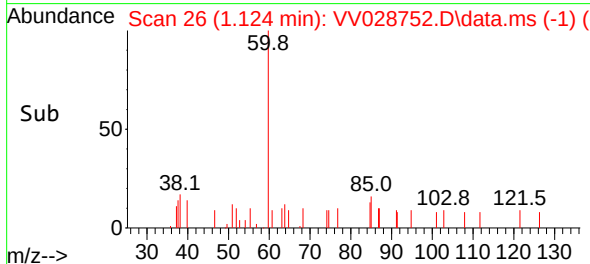
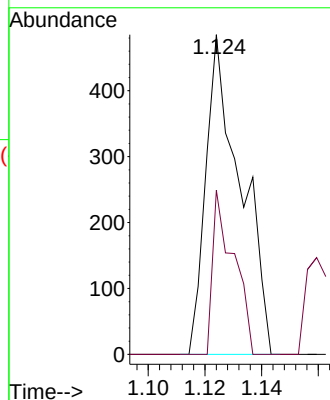
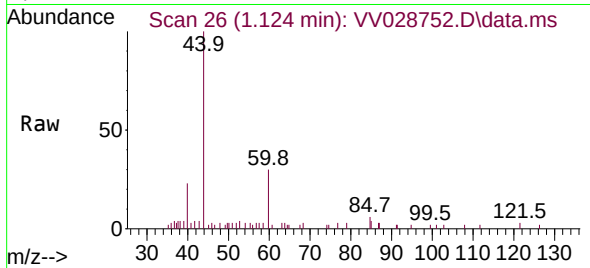




#2
 Dichlorodifluoromethane
 Concen: 0.054 ug/L
 RT: 1.124 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028752.D
 Acq: 28 Oct 2022 13:20

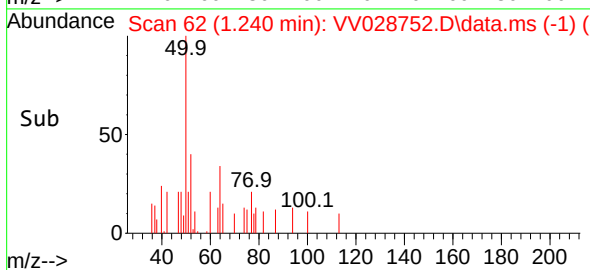
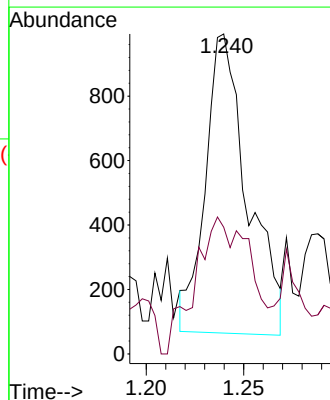
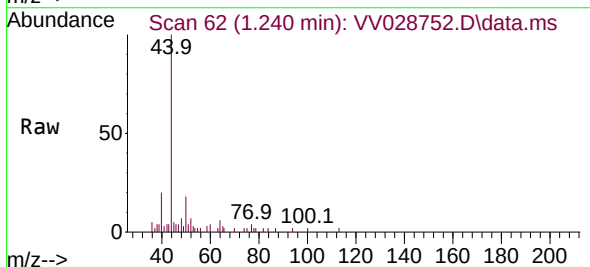
Instrument :
 MSVOA_V
 ClientSampleId :
 BHAC6

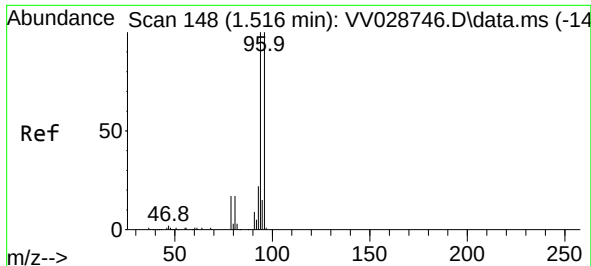
Tgt Ion: 85 Resp: 412
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.6 40.0



#3
 Chloromethane
 Concen: 0.097 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV028752.D
 Acq: 28 Oct 2022 13:20

Tgt Ion: 50 Resp: 1395
 Ion Ratio Lower Upper
 50 100
 52 39.6 21.8 40.6

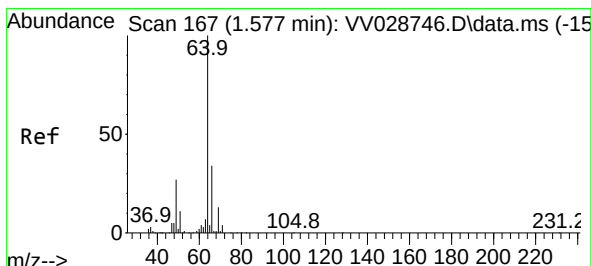
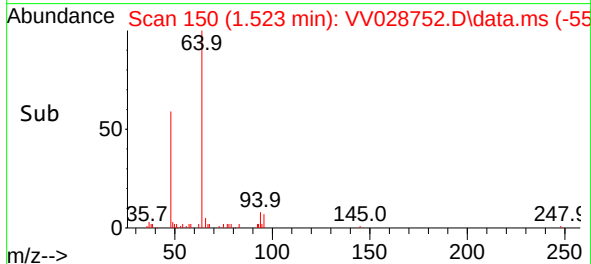
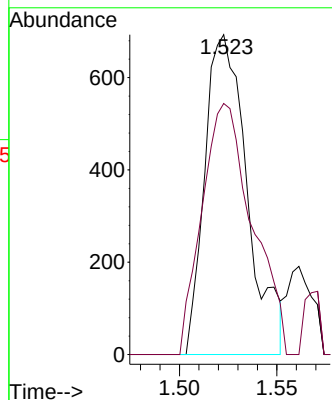
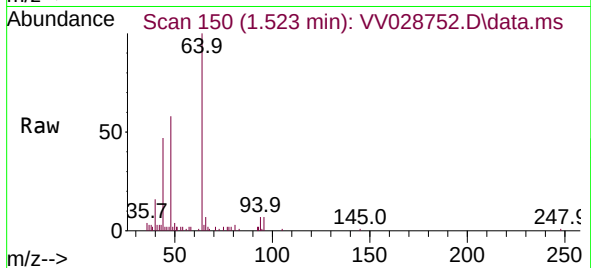




#6
Bromomethane
Concen: 0.154 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028752.D
Acq: 28 Oct 2022 13:20

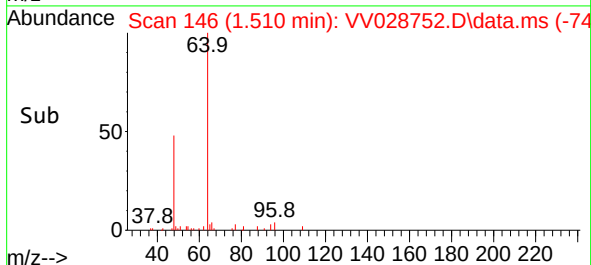
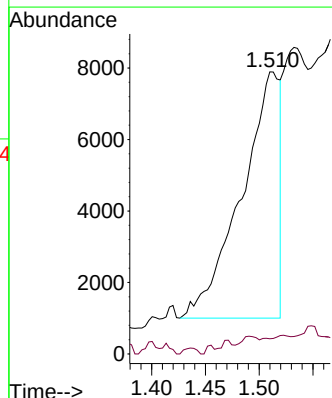
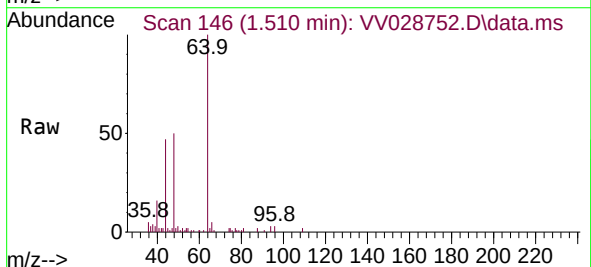
Instrument :
MSVOA_V
ClientSampleId :
BHAC6

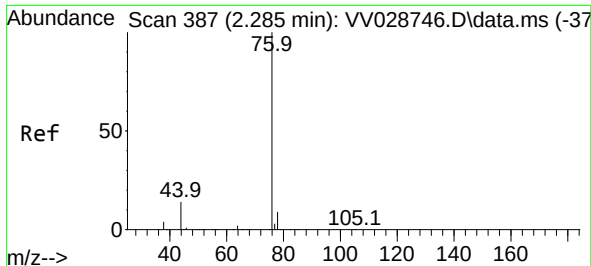
Tgt Ion: 94 Resp: 1050
Ion Ratio Lower Upper
94 100
96 78.5 64.3 119.3



#8
Chloroethane
Concen: 1.771 ug/L
RT: 1.510 min Scan# 146
Delta R.T. -0.068 min
Lab File: VV028752.D
Acq: 28 Oct 2022 13:20

Tgt Ion: 64 Resp: 17194
Ion Ratio Lower Upper
64 100
66 5.4 23.9 44.5#





#14

Carbon disulfide

Concen: 0.075 ug/L

RT: 2.291 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV028752.D

Acq: 28 Oct 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

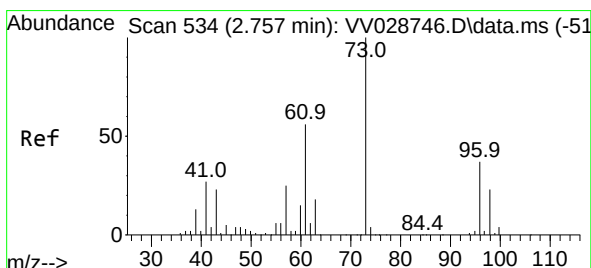
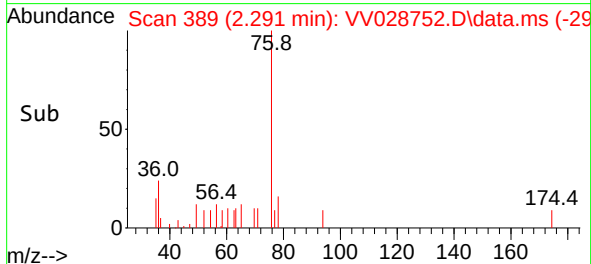
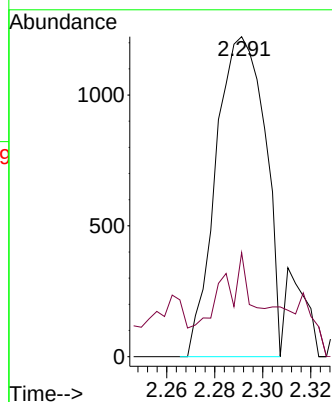
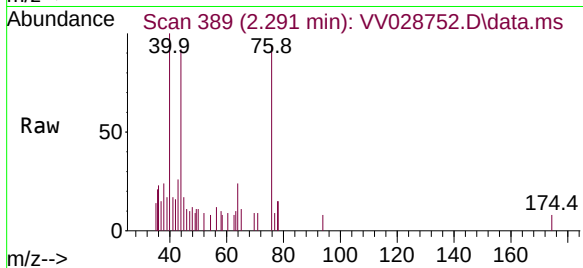
BHAC6

Tgt Ion: 76 Resp: 1734

Ion Ratio Lower Upper

76 100

78 32.5 7.1 10.7#



#17

Methyl tert-butyl Ether

Concen: 0.114 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.013 min

Lab File: VV028752.D

Acq: 28 Oct 2022 13:20

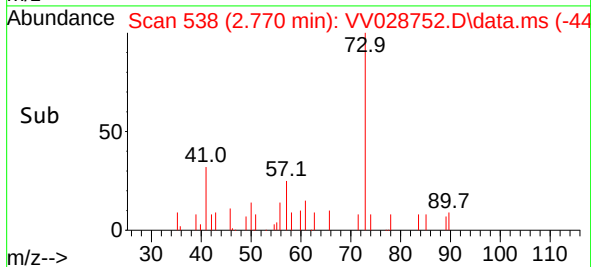
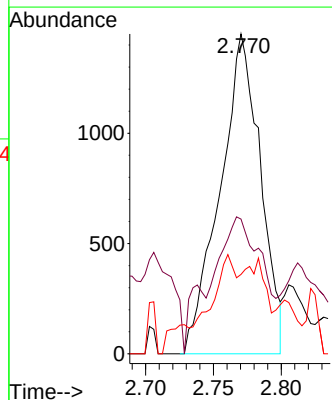
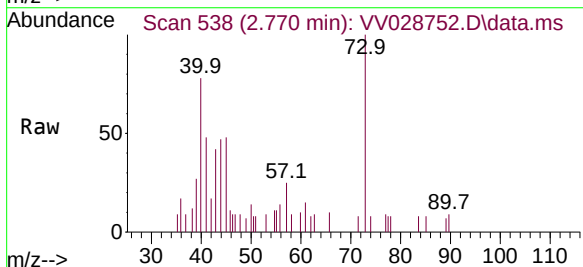
Tgt Ion: 73 Resp: 3008

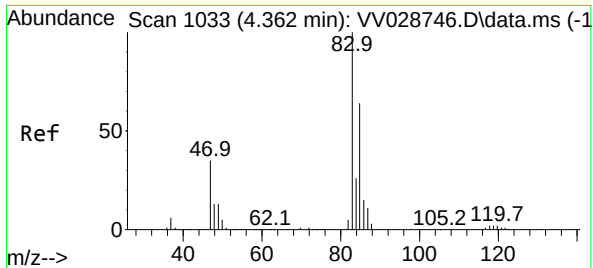
Ion Ratio Lower Upper

73 100

43 20.6 18.0 27.0

57 11.0 20.0 30.0#

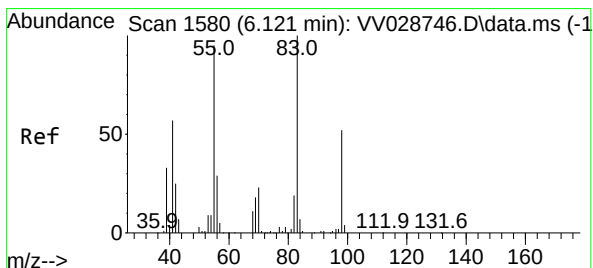
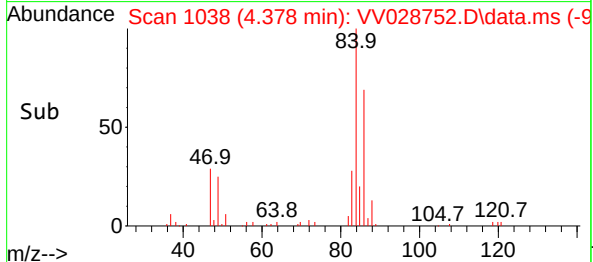
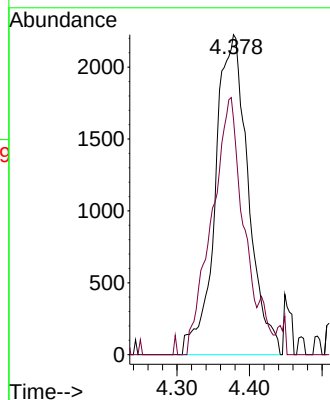
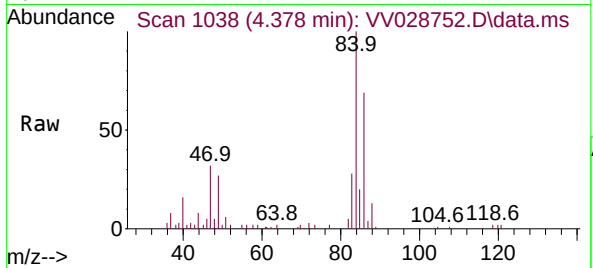




#25
Chloroform
Concen: 0.295 ug/L
RT: 4.378 min Scan# 1033
Delta R.T. 0.016 min
Lab File: VV028752.D
Acq: 28 Oct 2022 13:20

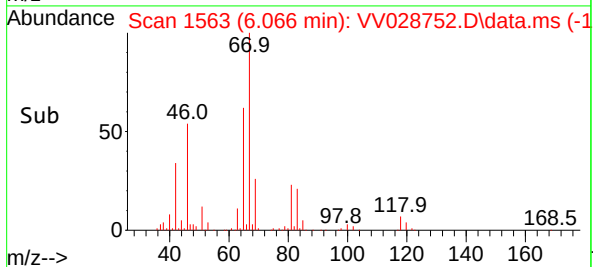
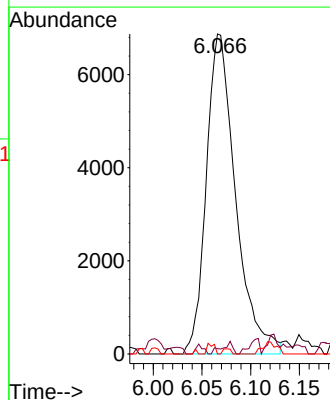
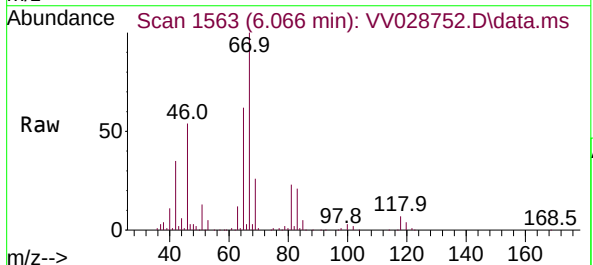
Instrument :
MSVOA_V
ClientSampleId :
BHAC6

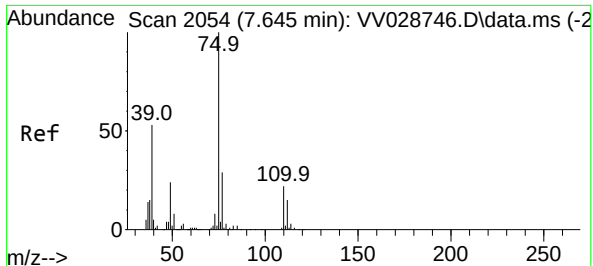
Tgt Ion: 83 Resp: 7000
Ion Ratio Lower Upper
83 100
85 73.7 44.1 81.9



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028752.D
Acq: 28 Oct 2022 13:20

Tgt Ion: 83 Resp: 14360
Ion Ratio Lower Upper
83 100
55 1.4 70.0 105.0#
98 0.4 35.6 53.4#

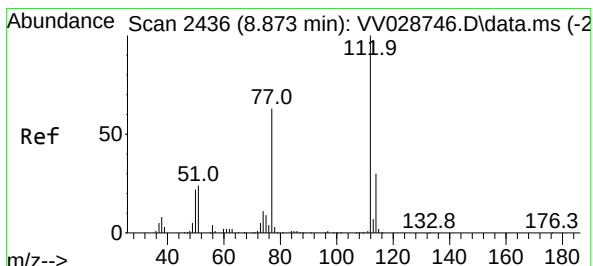
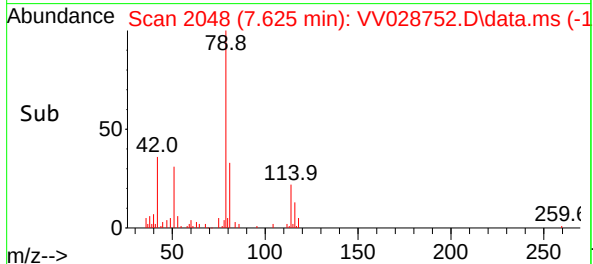
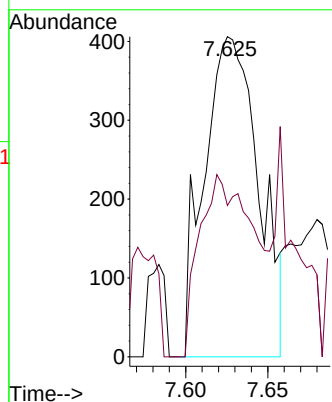
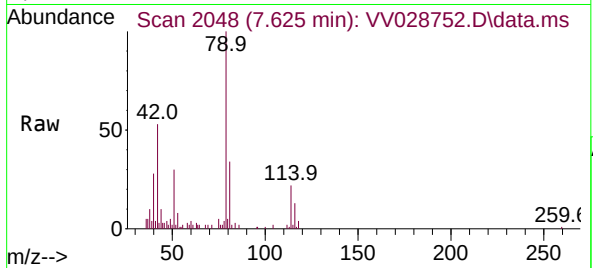




#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.625 min Scan# 2054
Delta R.T. -0.019 min
Lab File: VV028752.D
Acq: 28 Oct 2022 13:20

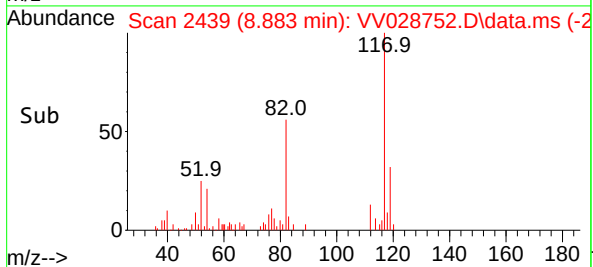
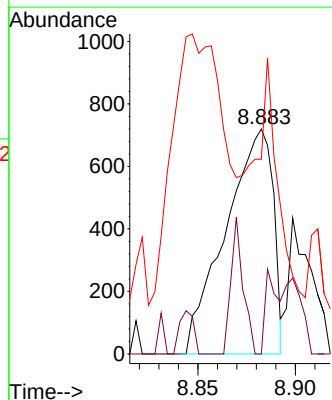
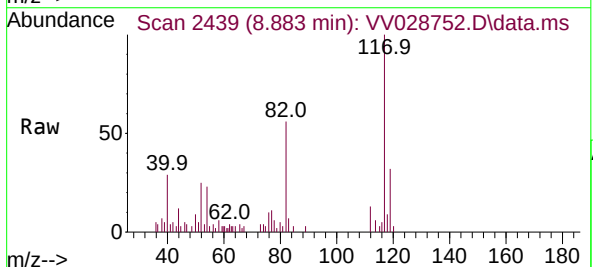
Instrument :
MSVOA_V
ClientSampleId :
BHAC6

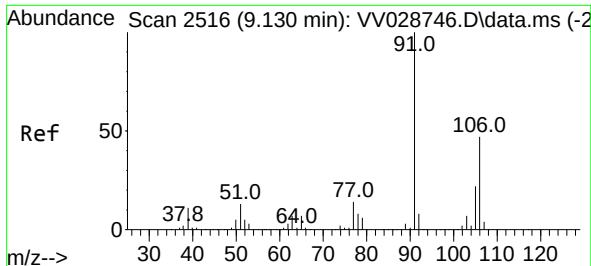
Tgt Ion: 75 Resp: 937
Ion Ratio Lower Upper
75 100
77 47.3 22.6 42.0#



#51
Chlorobenzene
Concen: 0.041 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.010 min
Lab File: VV028752.D
Acq: 28 Oct 2022 13:20

Tgt Ion: 112 Resp: 1220
Ion Ratio Lower Upper
112 100
114 0.0 22.0 41.0#
77 134.2 50.0 75.0#

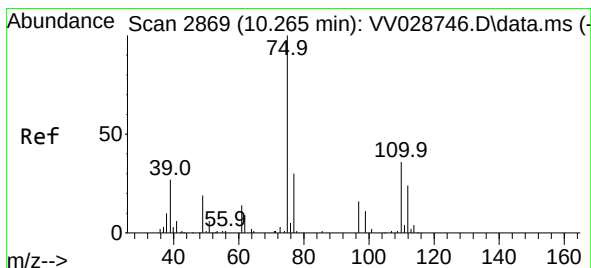
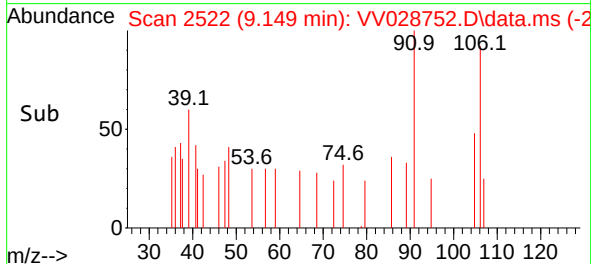
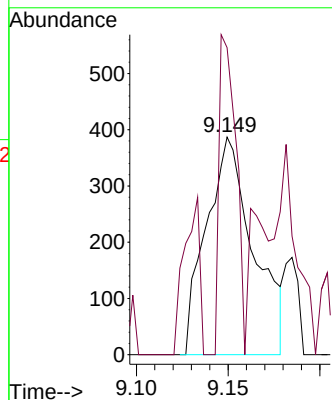
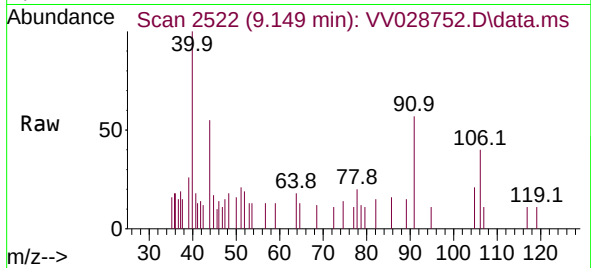




#53
m,p-Xylene
Concen: 0.036 ug/L
RT: 9.149 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV028752.D
Acq: 28 Oct 2022 13:20

Instrument :
MSVOA_V
ClientSampleId :
BHAC6

Tgt Ion:106 Resp: 690
Ion Ratio Lower Upper
106 100
91 141.1 145.5 270.1#



#61
1,2,3-Trichloropropane
Concen: 1.839 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV028752.D
Acq: 28 Oct 2022 13:20

Tgt Ion: 75 Resp: 11805
Ion Ratio Lower Upper
75 100
77 34.6 25.2 37.8
110 3.2 27.9 41.9#

