

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028751.D
 Acq On : 28 Oct 2022 12:57
 Operator : SY/MD
 Sample : N5216-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Oct 28 21:52:30 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

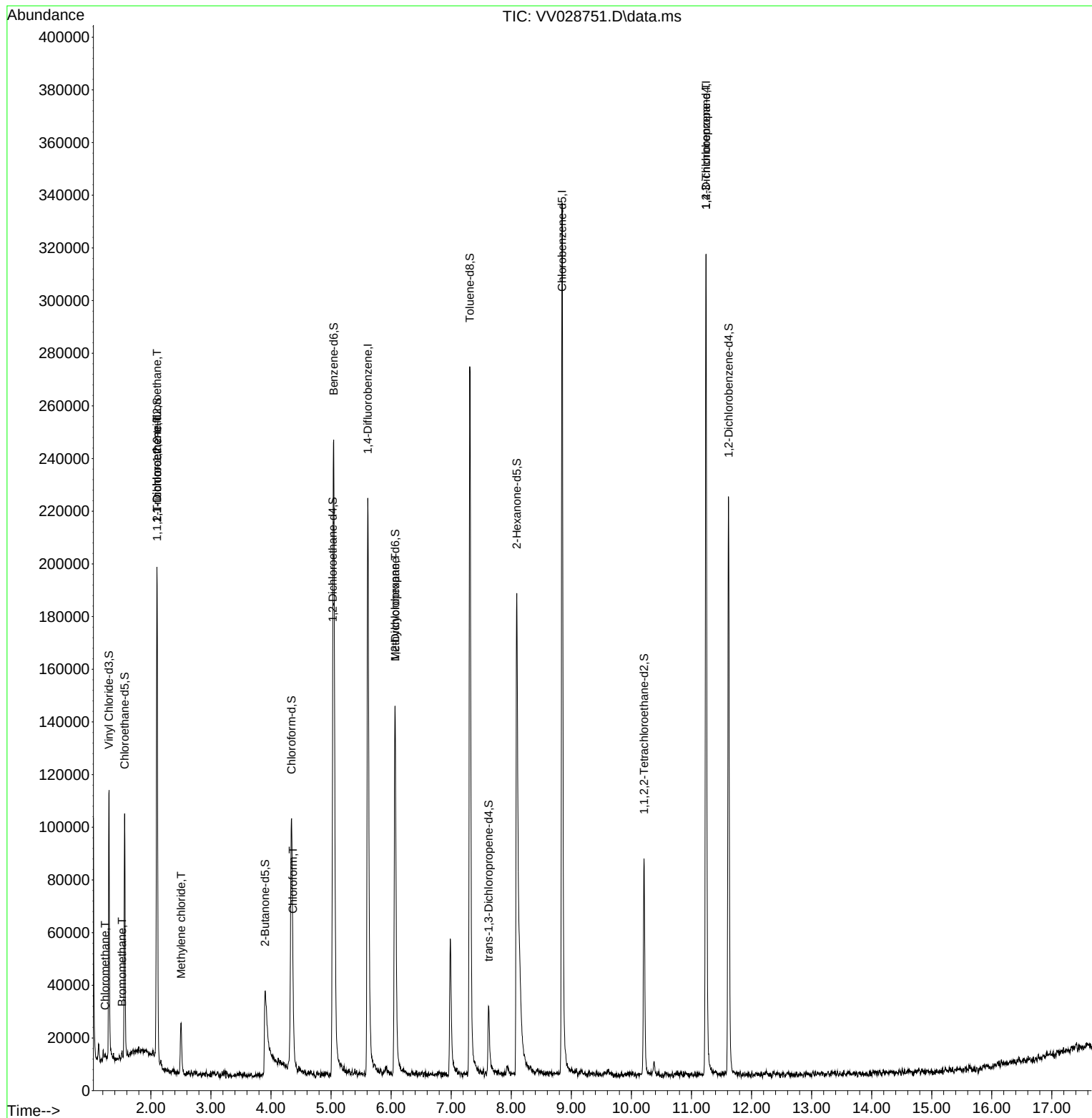
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	177368	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	167132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	73247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	70426	5.709	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.200%	
7) Chloroethane-d5	1.564	69	59290	5.684	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.600%	
11) 1,1-Dichloroethene-d2	2.101	63	104081	4.362	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.200%	
20) 2-Butanone-d5	3.902	46	67415	23.967	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	47.940%	
24) Chloroform-d	4.342	84	98936	4.619	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.027	65	51010	4.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.043	84	214304	4.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.066	67	71543	5.057	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.200%	
41) Toluene-d8	7.310	98	177410	5.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
43) trans-1,3-Dichloroprop...	7.622	79	16514	3.757	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.200%	
46) 2-Hexanone-d5	8.091	63	88543	43.273	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.540%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	41007	4.370	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	11.619	152	52196	5.166	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1310	0.094	ug/L #	74
6) Bromomethane	1.519	94	1273	0.192	ug/L	74
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1058	0.096	ug/L #	25
12) 1,1-Dichloroethene	2.101	96	980	0.101	ug/L #	1
16) Methylene chloride	2.503	84	7745	0.576	ug/L	91
25) Chloroform	4.365	83	3664	0.159	ug/L	83
35) Methylcyclohexane	6.066	83	15004	0.878	ug/L #	16
61) 1,2,3-Trichloropropane	11.242	75	11868	1.887	ug/L #	68

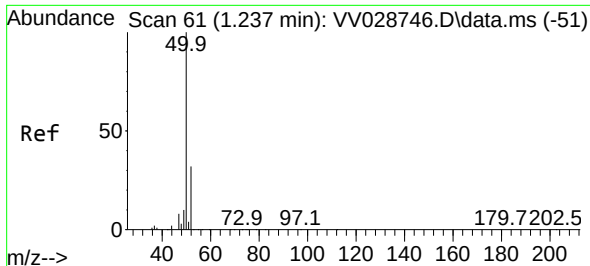
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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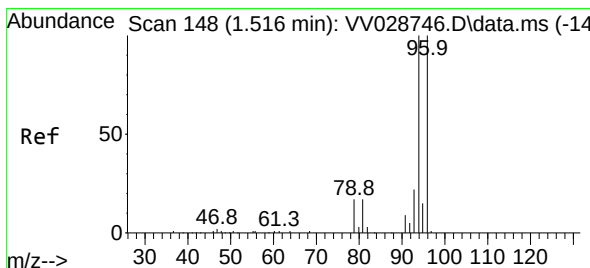
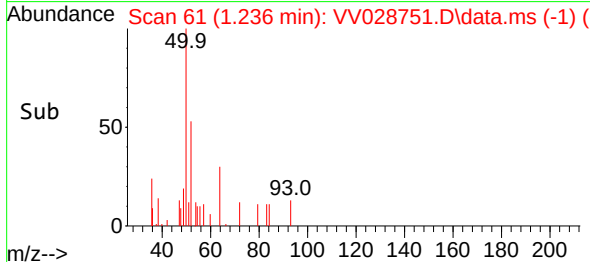
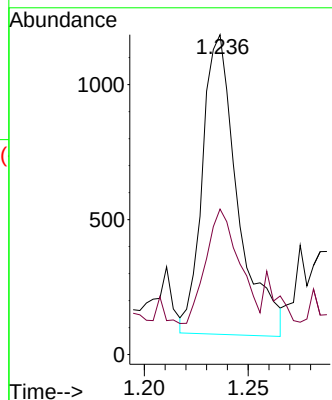
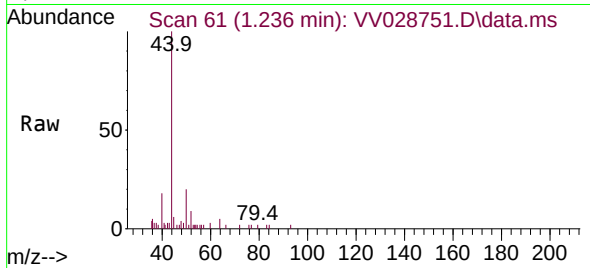




#3
Chloromethane
Concen: 0.094 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028751.D
Acq: 28 Oct 2022 12:57

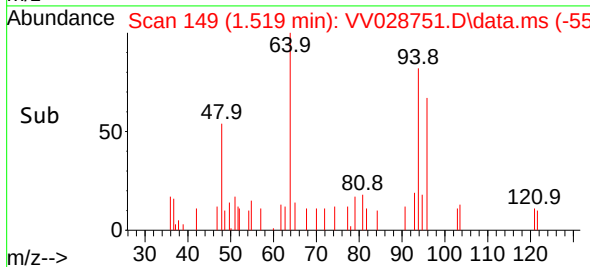
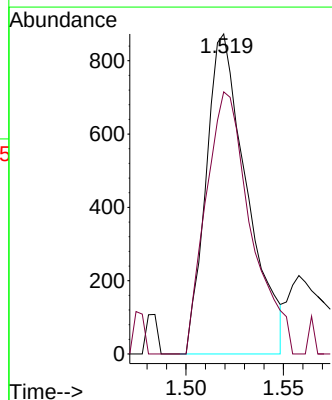
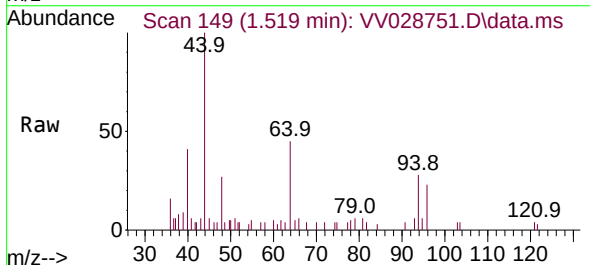
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

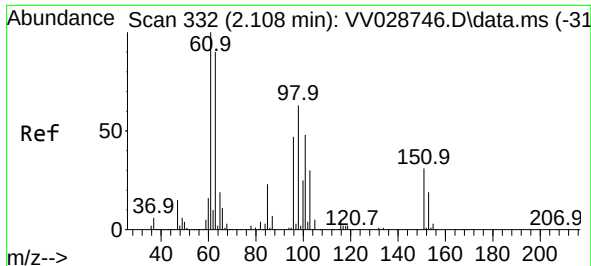
Tgt Ion: 50 Resp: 1310
Ion Ratio Lower Upper
50 100
52 45.5 21.8 40.6#



#6
Bromomethane
Concen: 0.192 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV028751.D
Acq: 28 Oct 2022 12:57

Tgt Ion: 94 Resp: 1273
Ion Ratio Lower Upper
94 100
96 67.3 64.3 119.3

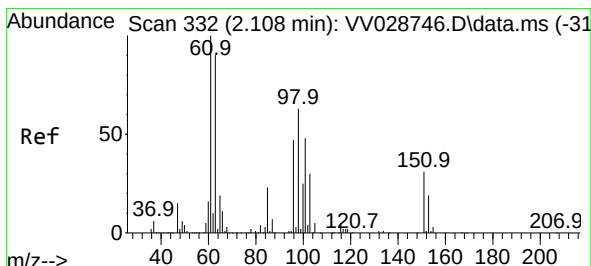
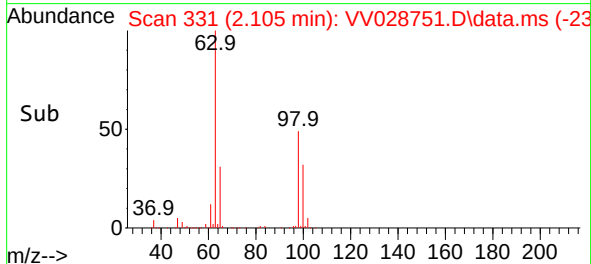
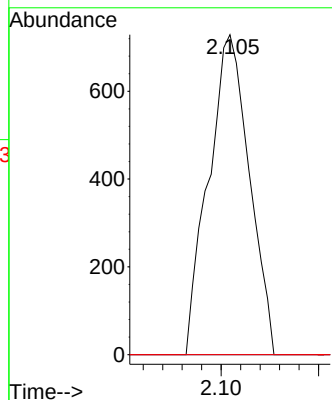
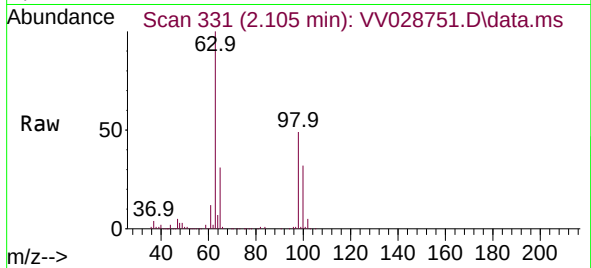




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.096 ug/L
 RT: 2.105 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV028751.D
 Acq: 28 Oct 2022 12:57

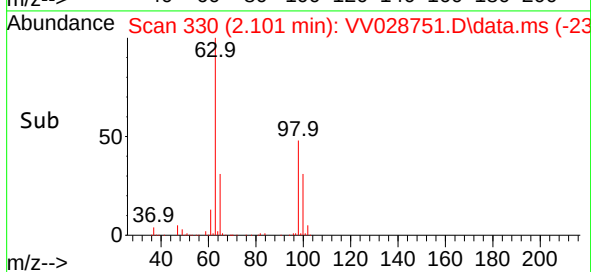
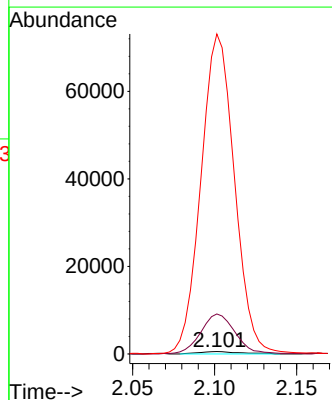
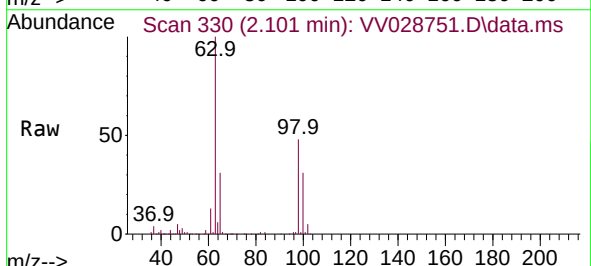
Instrument :
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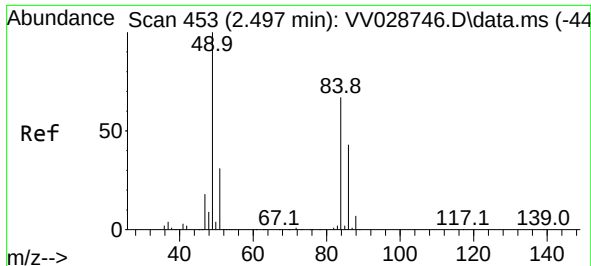
Tgt Ion:101 Resp: 1058
 Ion Ratio Lower Upper
 101 100
 85 1.9 37.0 55.6#
 151 0.0 50.2 75.2#



#12
 1,1-Dichloroethene
 Concen: 0.101 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.007 min
 Lab File: VV028751.D
 Acq: 28 Oct 2022 12:57

Tgt Ion: 96 Resp: 980
 Ion Ratio Lower Upper
 96 100
 61 1676.7 148.1 275.1#
 63 13413.6 133.3 247.7#

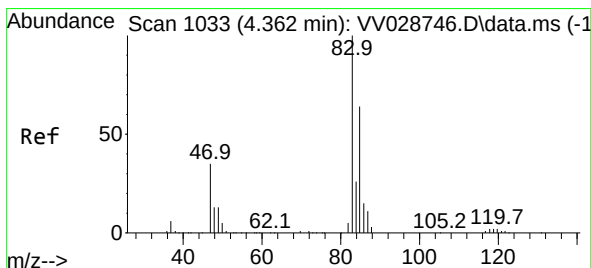
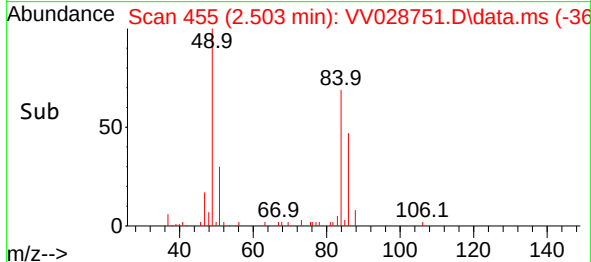
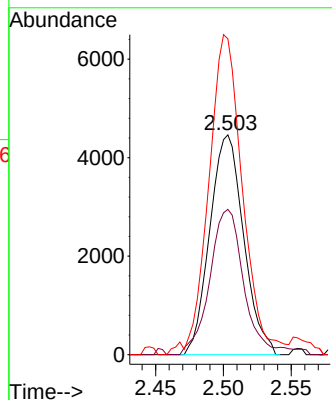
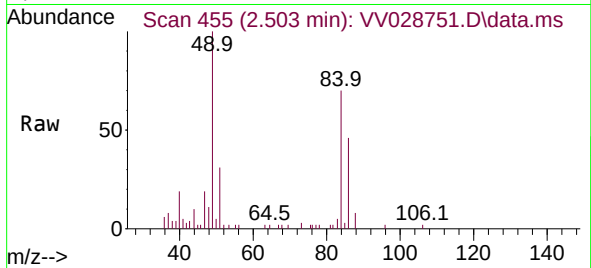




#16
Methylene chloride
Concen: 0.576 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV028751.D
Acq: 28 Oct 2022 12:57

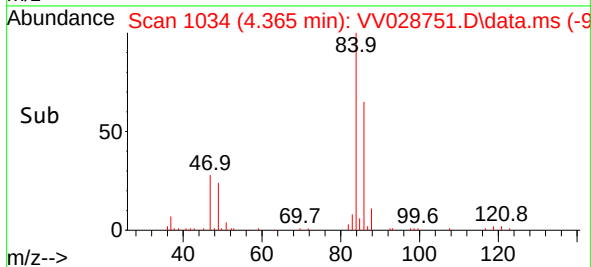
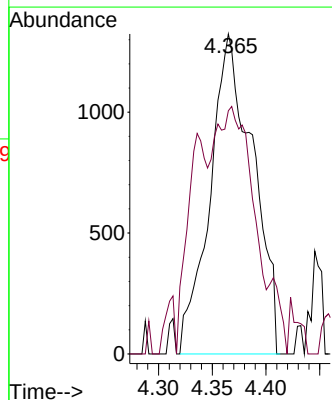
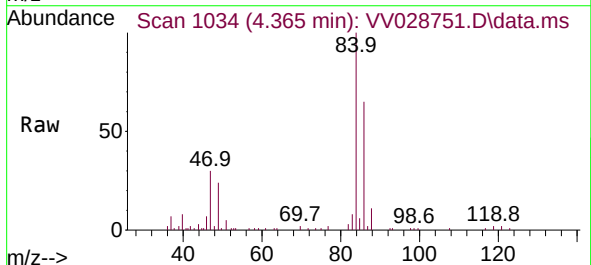
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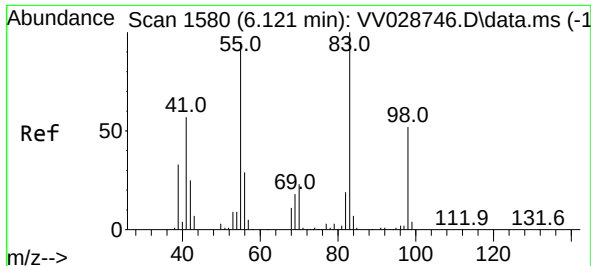
Tgt Ion: 84 Resp: 7745
Ion Ratio Lower Upper
84 100
86 66.1 44.4 82.4
49 143.7 110.8 205.8



#25
Chloroform
Concen: 0.159 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV028751.D
Acq: 28 Oct 2022 12:57

Tgt Ion: 83 Resp: 3664
Ion Ratio Lower Upper
83 100
85 76.0 44.1 81.9

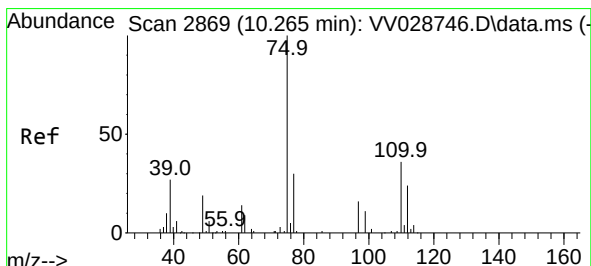
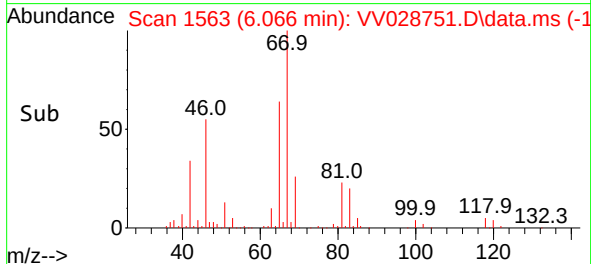
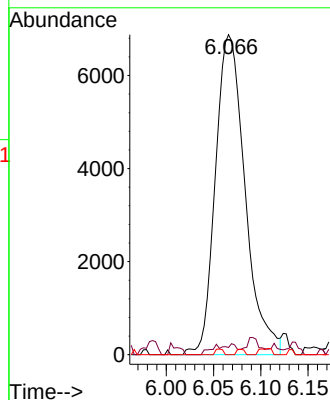
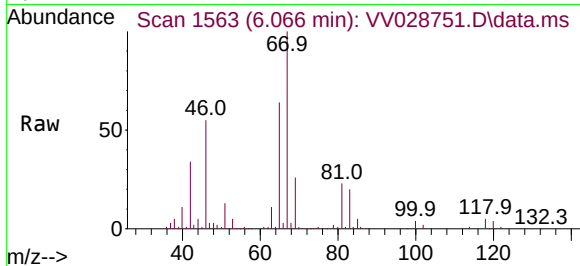




#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV028751.D
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Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 83 Resp: 15004
Ion Ratio Lower Upper
83 100
55 1.3 70.0 105.0#
98 0.4 35.6 53.4#



#61
1,2,3-Trichloropropane
Concen: 1.887 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV028751.D
Acq: 28 Oct 2022 12:57

Tgt Ion: 75 Resp: 11868
Ion Ratio Lower Upper
75 100
77 34.6 25.2 37.8
110 3.0 27.9 41.9#

