

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028749.D
 Acq On : 28 Oct 2022 12:08
 Operator : SY/MD
 Sample : N5232-16DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAB9DL

Quant Time: Oct 28 21:52:02 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)

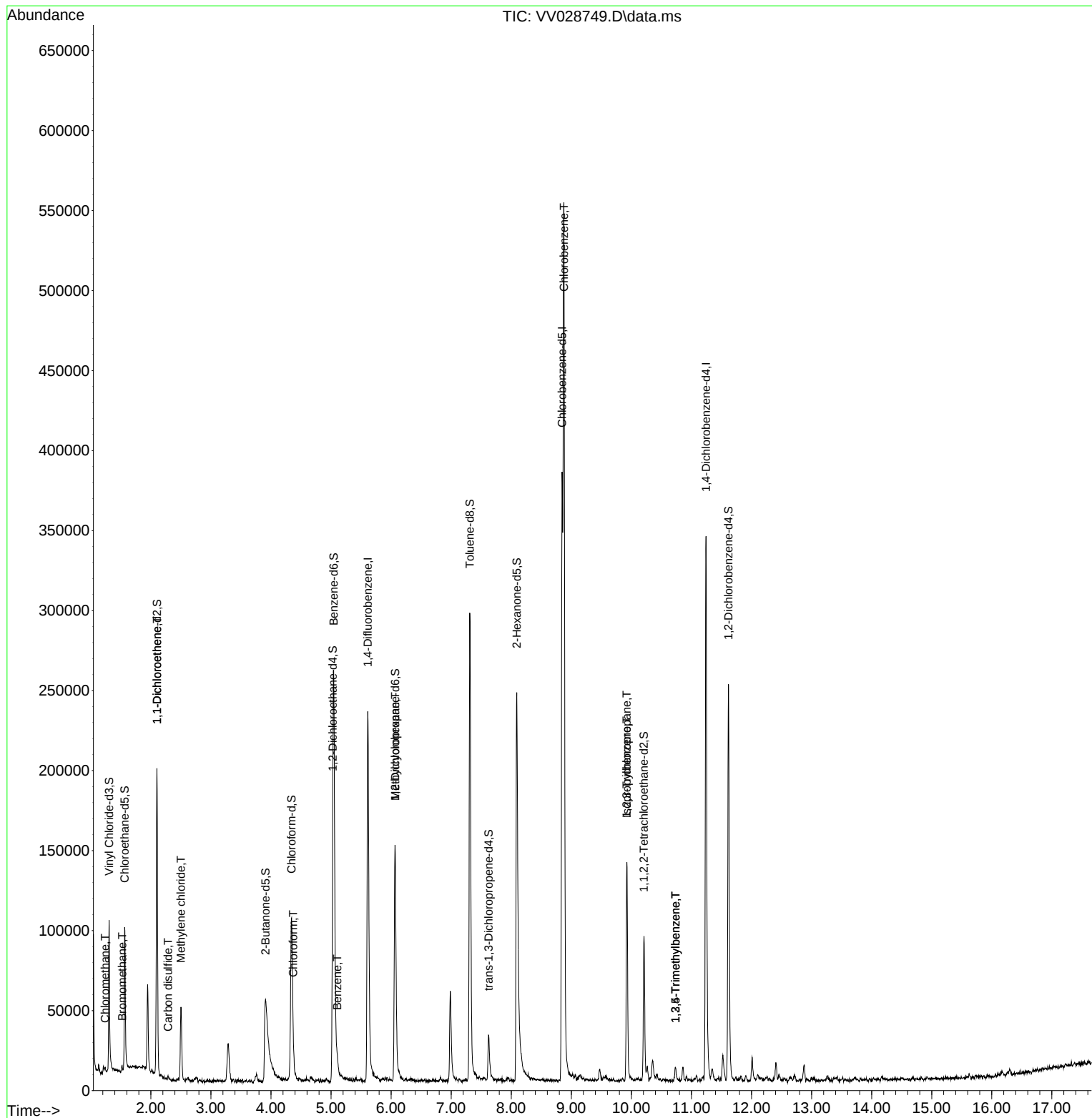
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	193547	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	177544	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	80427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	72524	5.388	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.800%
7) Chloroethane-d5	1.564	69	59601	5.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.101	63	106607	4.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.908	46	136878	44.595	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	4.343	84	103974	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.027	65	55969	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.043	84	226902	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.066	67	72584	4.829	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.310	98	188441	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.625	79	17711	3.793	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.092	63	98651	45.385	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.780%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	43579	4.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	55970	5.045	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1791	0.118	ug/L	97
6) Bromomethane	1.523	94	1413	0.195	ug/L	87
12) 1,1-Dichloroethene	2.101	96	919	0.086	ug/L #	1
14) Carbon disulfide	2.285	76	1402	0.057	ug/L #	36
16) Methylene chloride	2.500	84	16865	1.150	ug/L	97
25) Chloroform	4.368	83	2066	0.082	ug/L	80
33) Benzene	5.105	78	9908	0.187	ug/L	100
35) Methylcyclohexane	6.066	83	16463	0.907	ug/L #	17
51) Chlorobenzene	8.876	112	261048	8.240	ug/L	97
60) Isopropylbenzene	9.924	105	81978	1.620	ug/L	99
61) 1,2,3-Trichloropropane	9.924	75	1586	0.230	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.735	105	5559	0.377	ug/L #	75
63) 1,2,4-Trimethylbenzene	10.735	105	5559	0.136	ug/L #	79

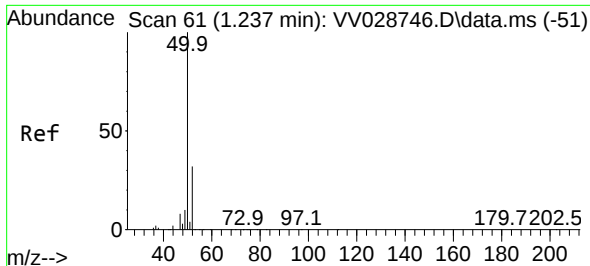
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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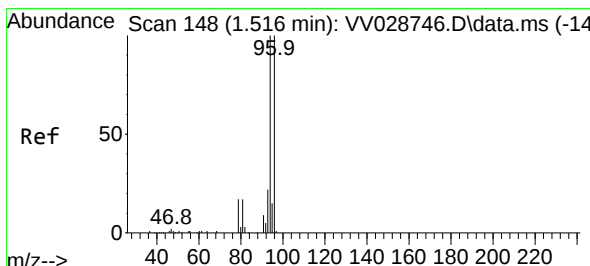
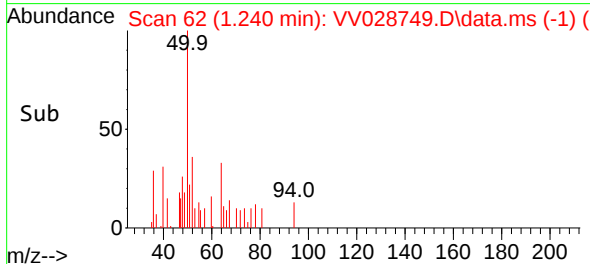
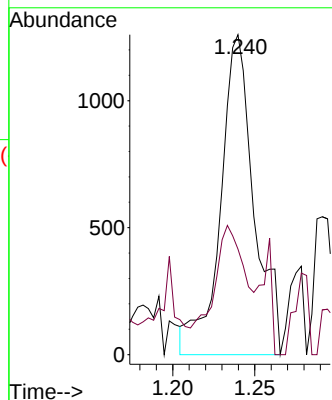
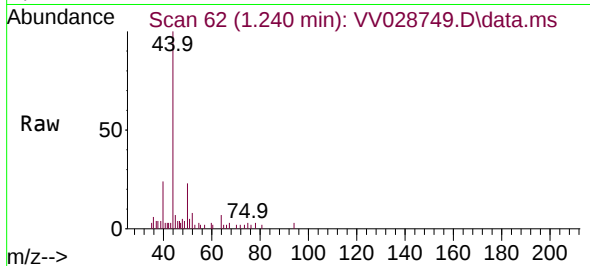




#3
Chloromethane
Concen: 0.118 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

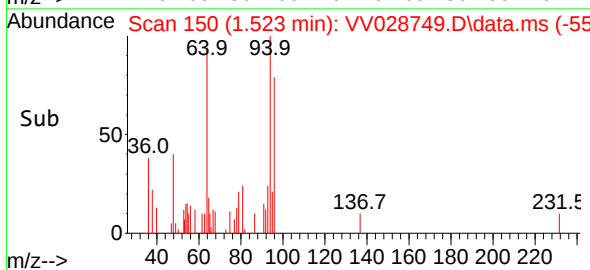
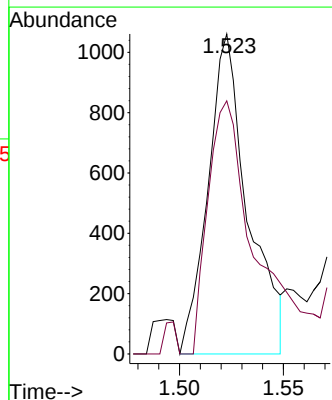
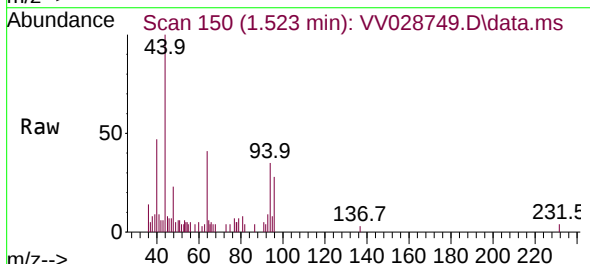
Instrument :
MSVOA_V
ClientSampleId :
BHAB9DL

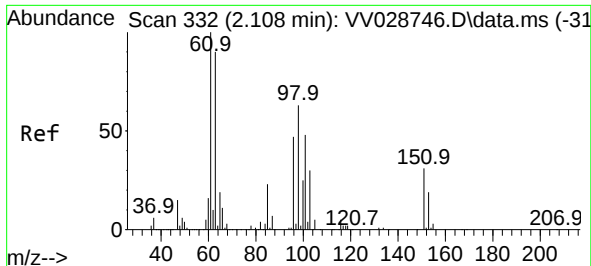
Tgt Ion: 50 Resp: 1791
Ion Ratio Lower Upper
50 100
52 33.0 21.8 40.6



#6
Bromomethane
Concen: 0.195 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

Tgt Ion: 94 Resp: 1413
Ion Ratio Lower Upper
94 100
96 79.1 64.3 119.3

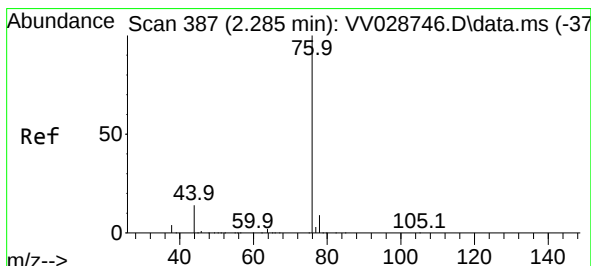
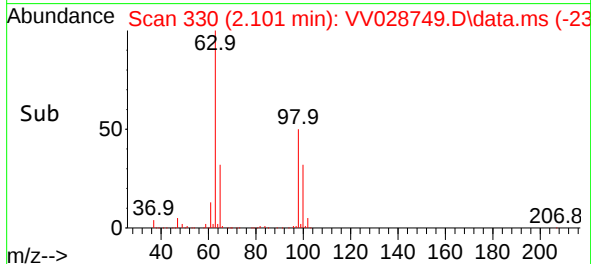
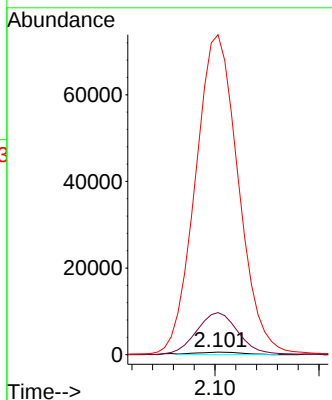
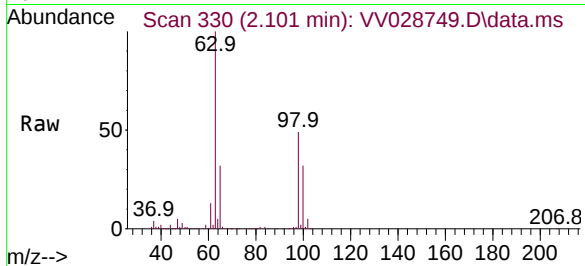




#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.101 min Scan# 311
Delta R.T. -0.007 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

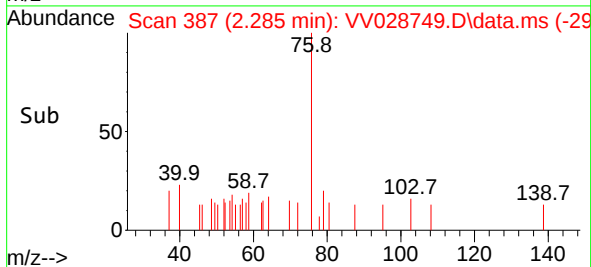
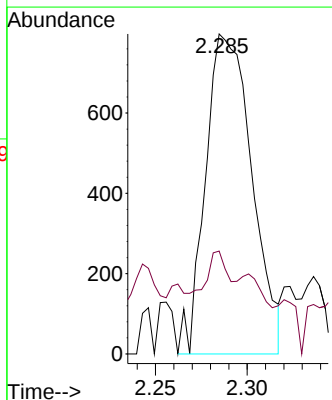
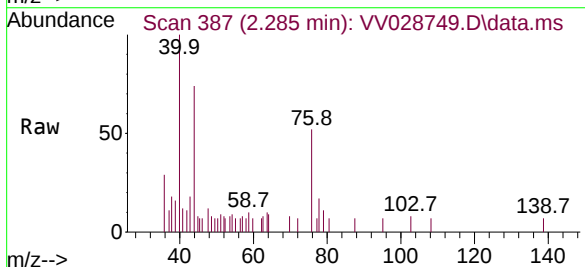
Instrument :
MSVOA_V
ClientSampleId :
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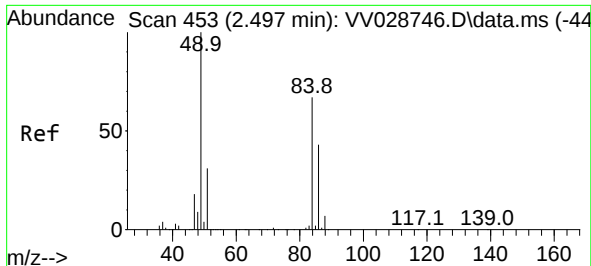
Tgt Ion: 96 Resp: 919
Ion Ratio Lower Upper
96 100
61 1675.0 148.1 275.1#
63 12737.9 133.3 247.7#



#14
Carbon disulfide
Concen: 0.057 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

Tgt Ion: 76 Resp: 1402
Ion Ratio Lower Upper
76 100
78 32.1 7.1 10.7#

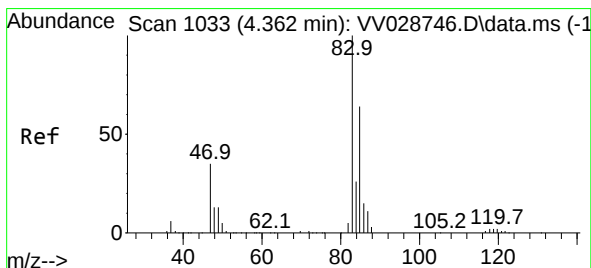
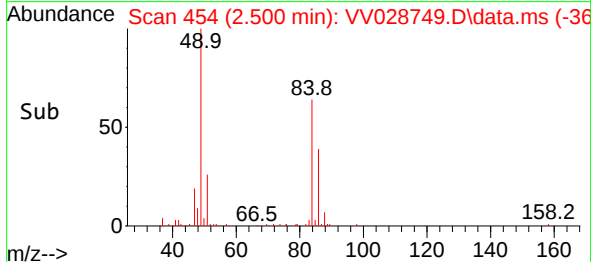
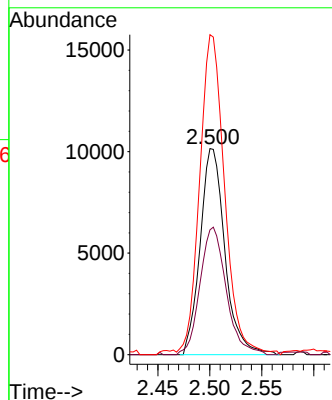
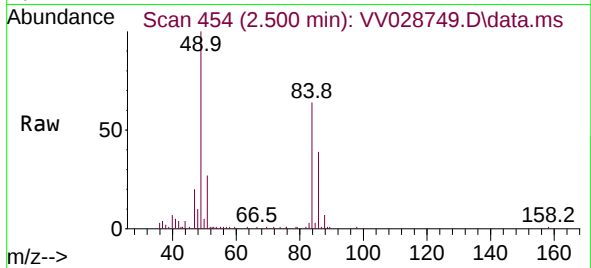




#16
Methylene chloride
Concen: 1.150 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

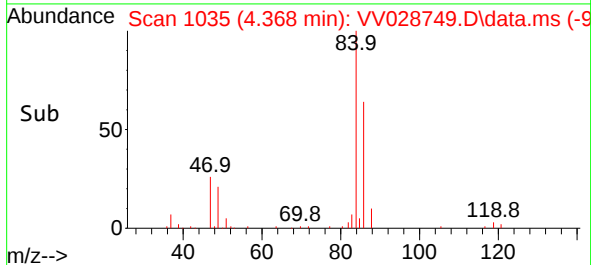
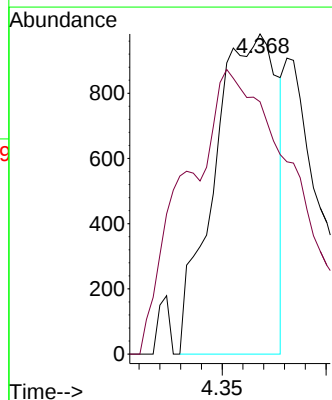
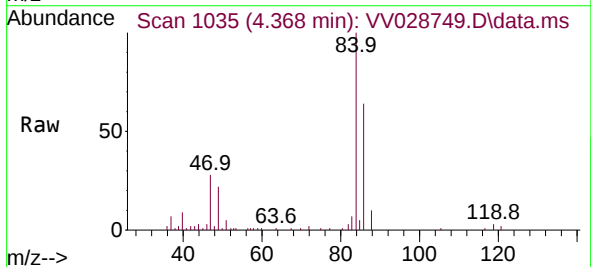
Instrument :
MSVOA_V
ClientSampleId :
BHAB9DL

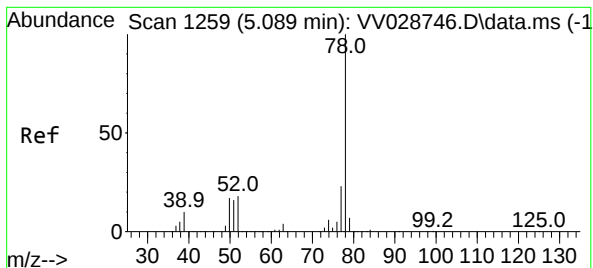
Tgt Ion: 84 Resp: 16865
Ion Ratio Lower Upper
84 100
86 60.6 44.4 82.4
49 155.3 110.8 205.8



#25
Chloroform
Concen: 0.082 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

Tgt Ion: 83 Resp: 2066
Ion Ratio Lower Upper
83 100
85 78.8 44.1 81.9





#33

Benzene

Concen: 0.187 ug/L

RT: 5.105 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV028749.D

Acq: 28 Oct 2022 12:08

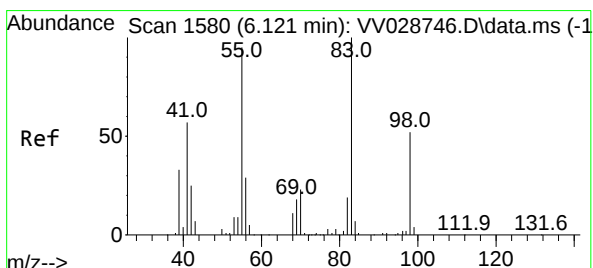
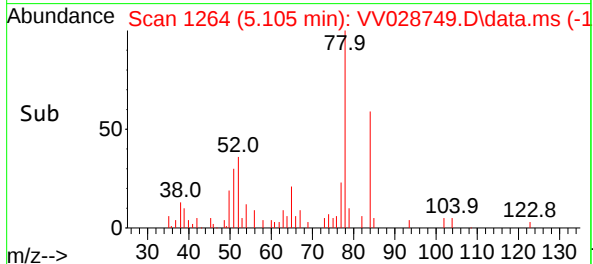
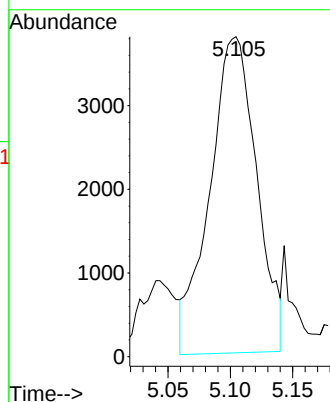
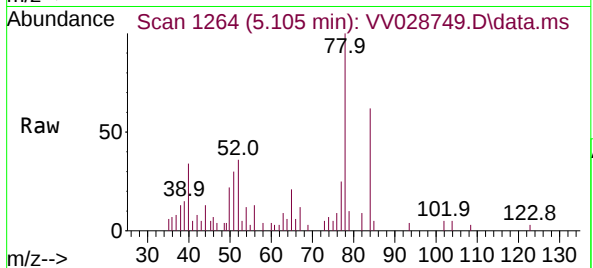
Instrument :

MSVOA_V

ClientSampleId :

BHAB9DL

Tgt Ion: 78 Resp: 9908



#35

Methylcyclohexane

Concen: 0.907 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028749.D

Acq: 28 Oct 2022 12:08

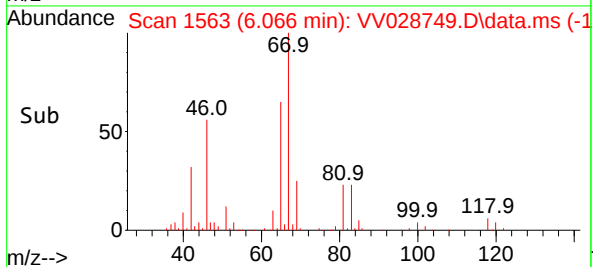
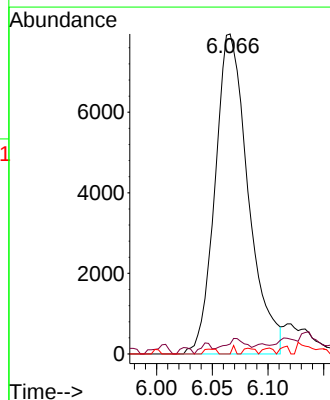
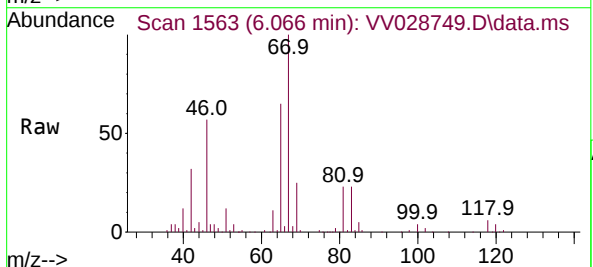
Tgt Ion: 83 Resp: 16463

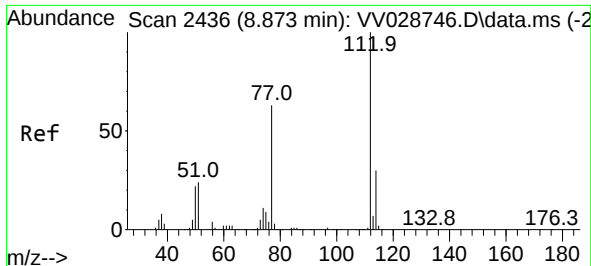
Ion Ratio Lower Upper

83 100

55 3.0 70.0 105.0#

98 0.2 35.6 53.4#

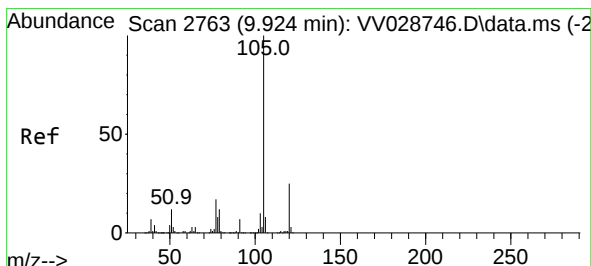
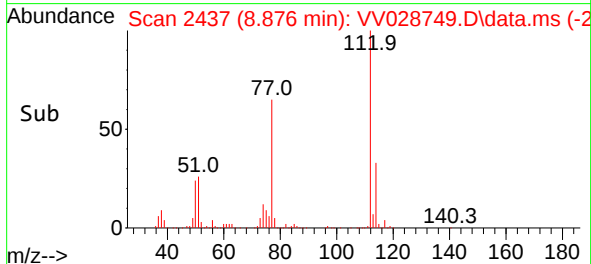
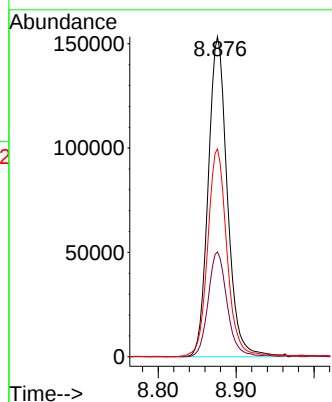
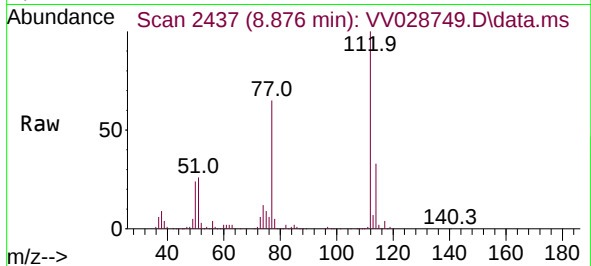




#51
Chlorobenzene
Concen: 8.240 ug/L
RT: 8.876 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

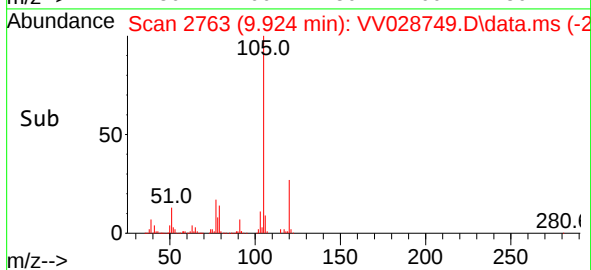
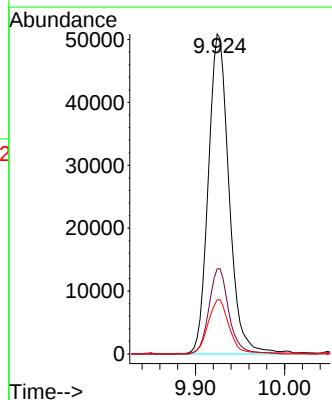
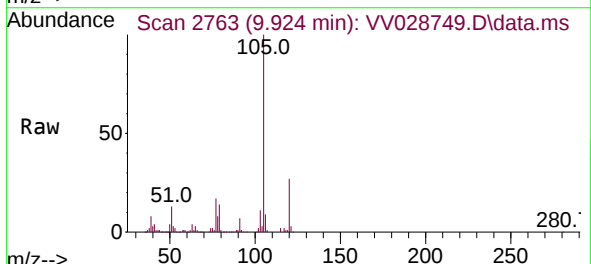
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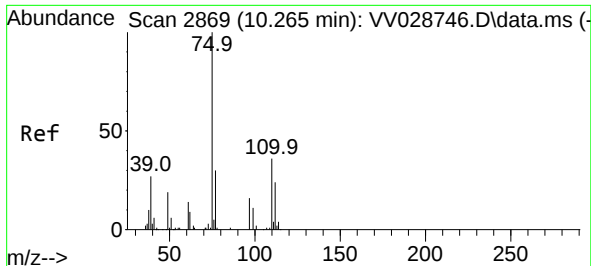
Tgt Ion:112 Resp: 261048
Ion Ratio Lower Upper
112 100
114 32.7 22.0 41.0
77 64.9 50.0 75.0



#60
Isopropylbenzene
Concen: 1.620 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

Tgt Ion:105 Resp: 81978
Ion Ratio Lower Upper
105 100
120 25.8 20.1 30.1
77 17.3 13.4 20.0

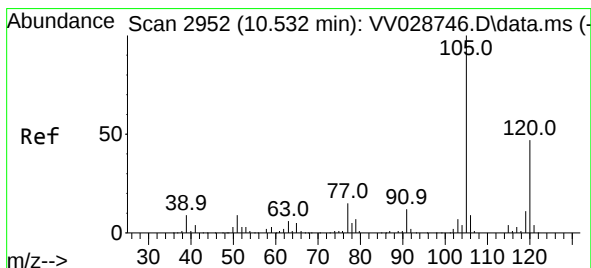
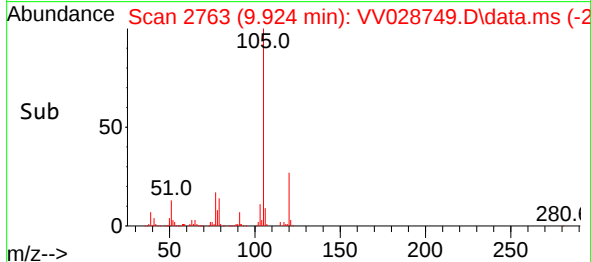
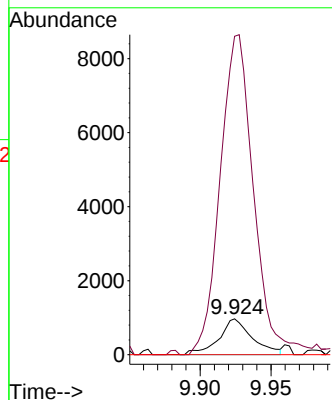
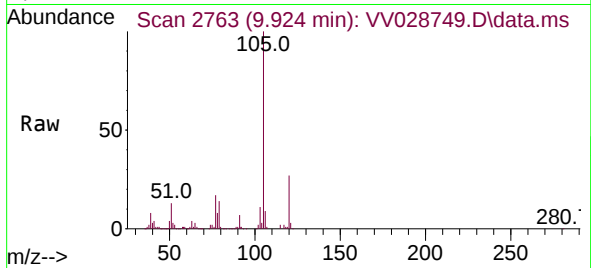




#61
1,2,3-Trichloropropane
Concen: 0.230 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.341 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

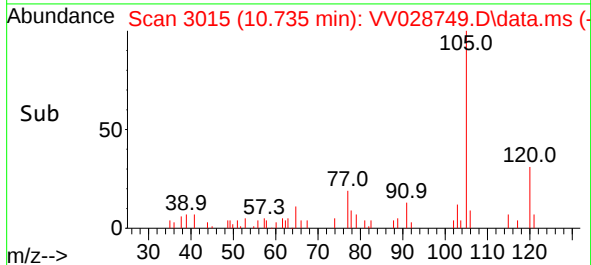
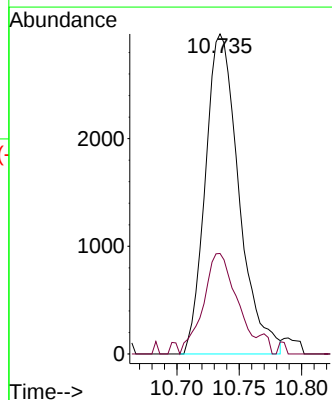
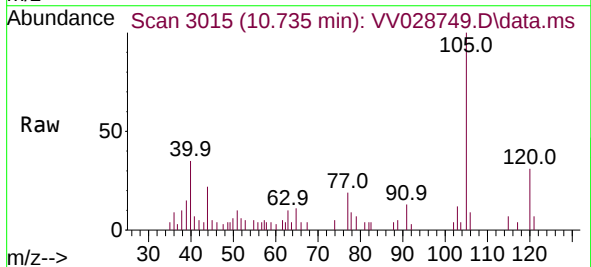
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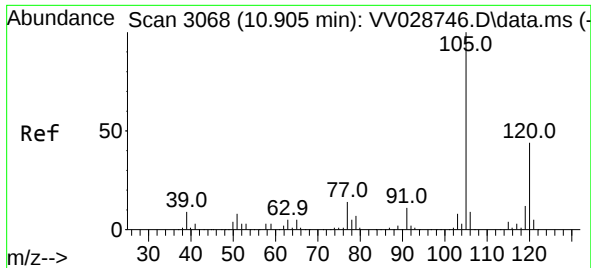
Tgt Ion: 75 Resp: 1586
Ion Ratio Lower Upper
75 100
77 895.8 25.2 37.8#
110 2.6 27.9 41.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.377 ug/L
RT: 10.735 min Scan# 3015
Delta R.T. 0.202 min
Lab File: VV028749.D
Acq: 28 Oct 2022 12:08

Tgt Ion: 105 Resp: 5559
Ion Ratio Lower Upper
105 100
120 31.2 38.3 57.5#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.136 ug/L
 RT: 10.735 min Scan# 30
 Delta R.T. -0.171 min
 Lab File: VV028749.D
 Acq: 28 Oct 2022 12:08

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAB9DL

Tgt Ion:105 Resp: 5559
 Ion Ratio Lower Upper
 105 100
 120 31.2 36.2 54.2#

