

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028741.D
 Acq On : 28 Oct 2022 01:30
 Operator : SY/MD
 Sample : N5232-08DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA48DL

Quant Time: Oct 28 05:38:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 05:21:35 2022
 Response via : Initial Calibration

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

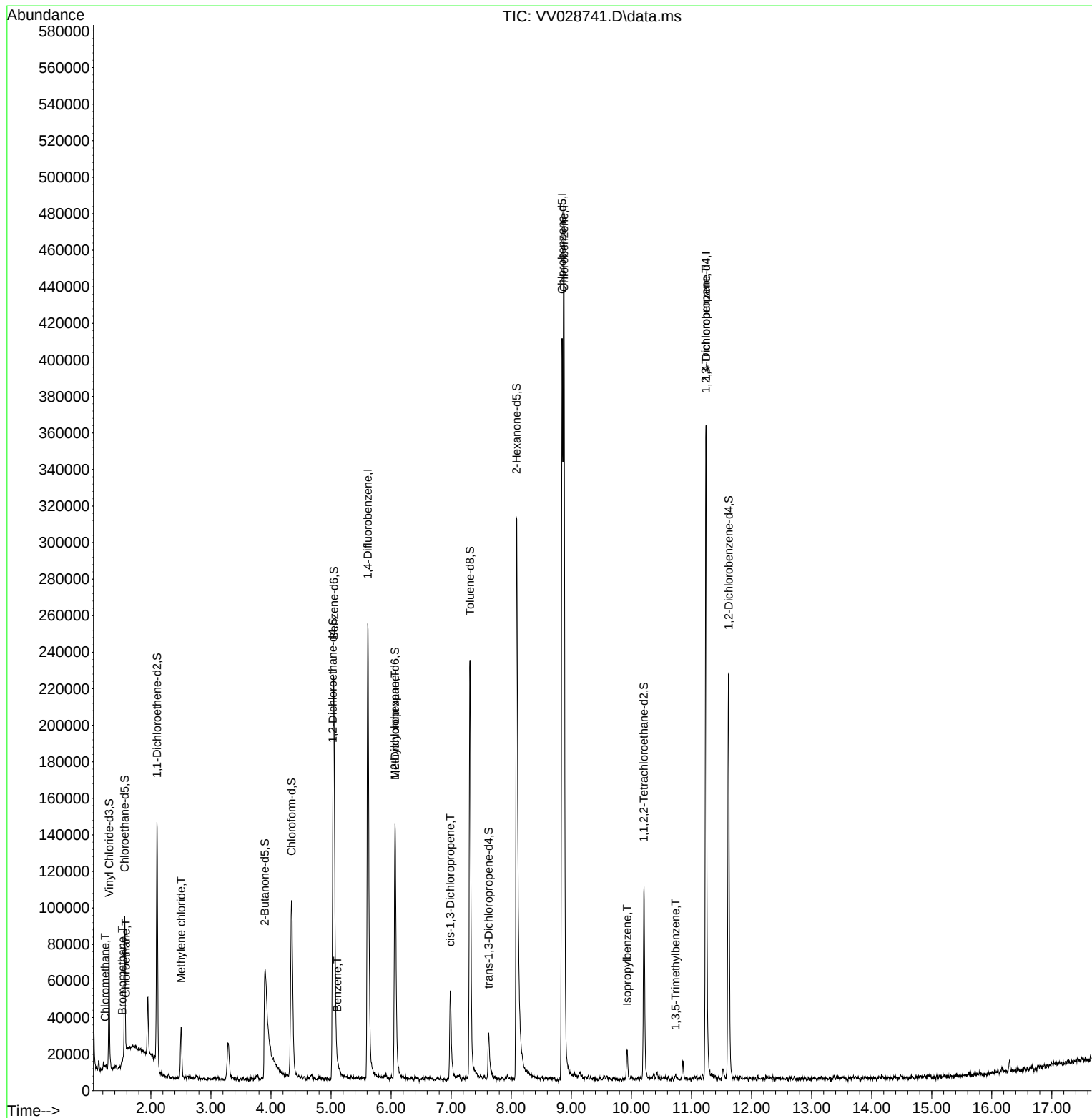
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	197327	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	186278	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	83861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46254	3.370	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.564	69	47644	4.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.101	63	75113	2.830	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.600%#	
20) 2-Butanone-d5	3.899	46	156762	50.095	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.180%	
24) Chloroform-d	4.343	84	100134	4.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.031	65	54342	4.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.047	84	189203	3.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.000%	
36) 1,2-Dichloropropane-d6	6.066	67	69785	4.425	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.600%	
41) Toluene-d8	7.313	98	150863	3.881	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	7.622	79	15930	3.252	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.000%	
46) 2-Hexanone-d5	8.088	63	127259	55.802	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.600%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	48793	4.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.619	152	52519	4.540	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1239	0.080	ug/L #	82
6) Bromomethane	1.523	94	1063	0.144	ug/L	95
8) Chloroethane	1.584	64	22409	2.135	ug/L #	54
16) Methylene chloride	2.503	84	10516	0.703	ug/L	98
33) Benzene	5.101	78	4935	0.089	ug/L	100
35) Methylcyclohexane	6.066	83	15368	0.807	ug/L #	15
39) cis-1,3-Dichloropropene	6.986	75	1710	0.099	ug/L #	50
51) Chlorobenzene	8.876	112	230402	6.931	ug/L	98
60) Isopropylbenzene	9.931	105	9823	0.186	ug/L #	84
61) 1,2,3-Trichloropropane	11.239	75	14121	1.961	ug/L #	44
62) 1,3,5-Trimethylbenzene	10.738	105	1345	0.087	ug/L #	85

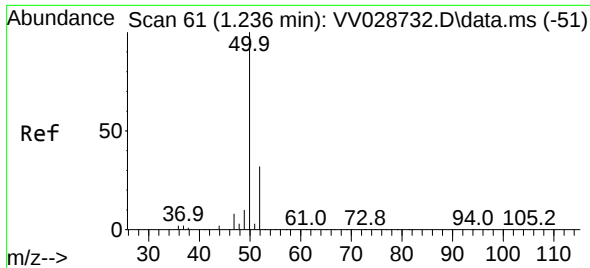
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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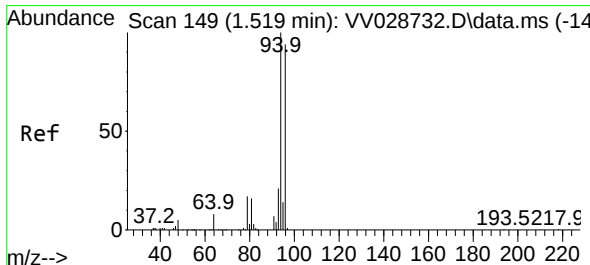
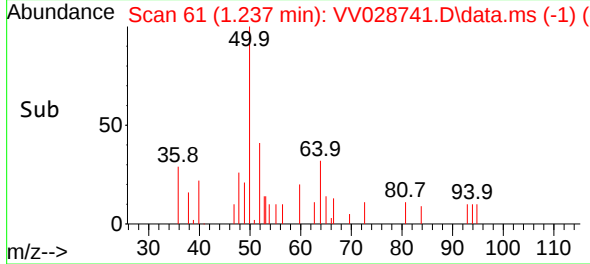
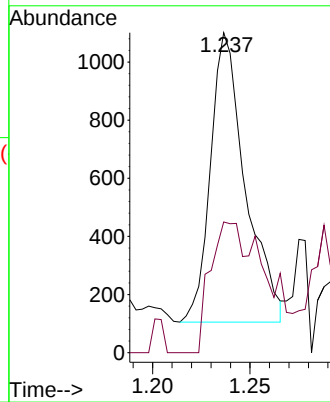
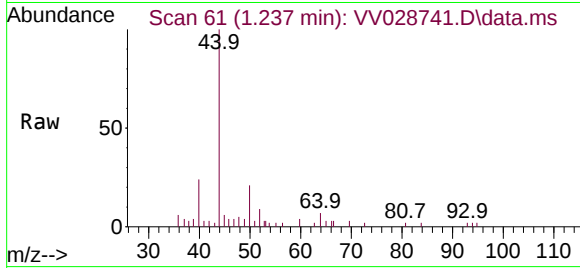




#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028741.D
Acq: 28 Oct 2022 01:30

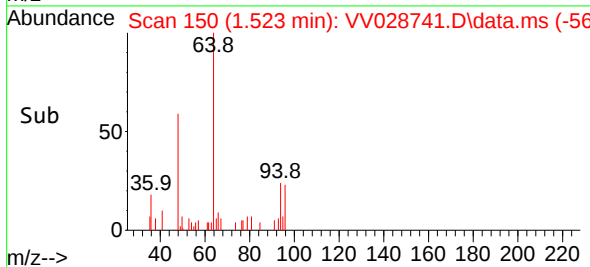
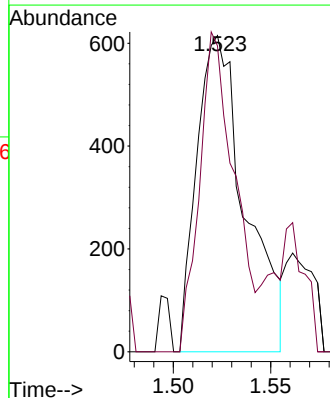
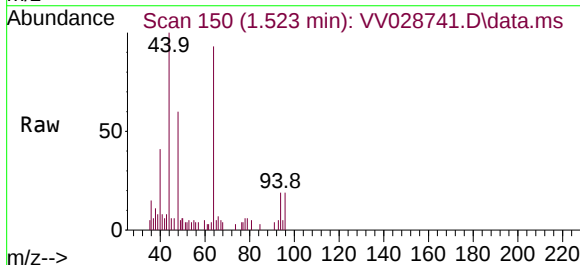
Instrument :
MSVOA_V
ClientSampleId :
BHA48DL

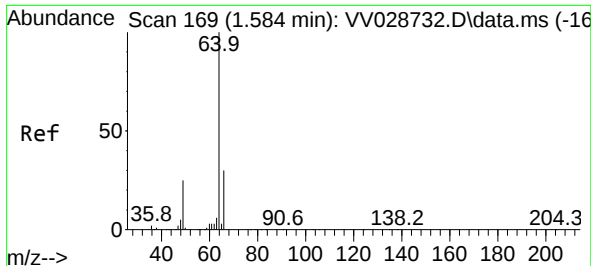
Tgt Ion: 50 Resp: 1239
Ion Ratio Lower Upper
50 100
52 40.9 21.8 40.6#



#6
Bromomethane
Concen: 0.144 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV028741.D
Acq: 28 Oct 2022 01:30

Tgt Ion: 94 Resp: 1063
Ion Ratio Lower Upper
94 100
96 96.7 64.3 119.3

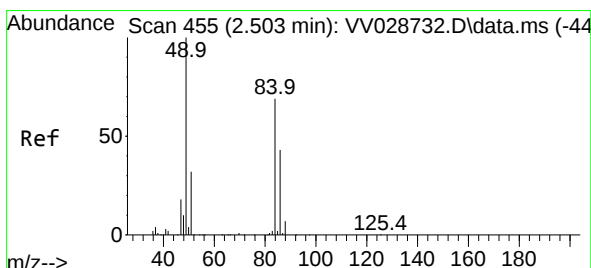
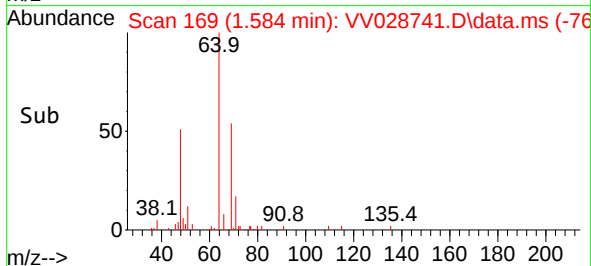
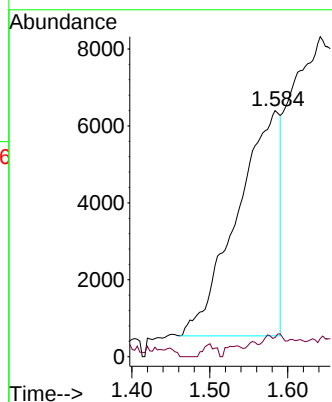
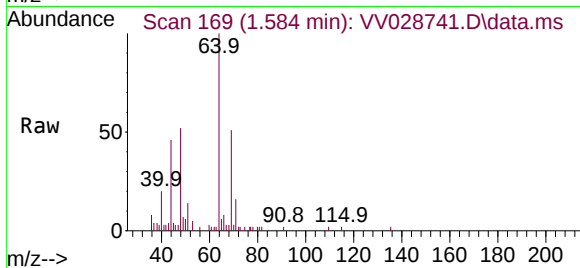




#8
Chloroethane
Concen: 2.135 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028741.D
Acq: 28 Oct 2022 01:30

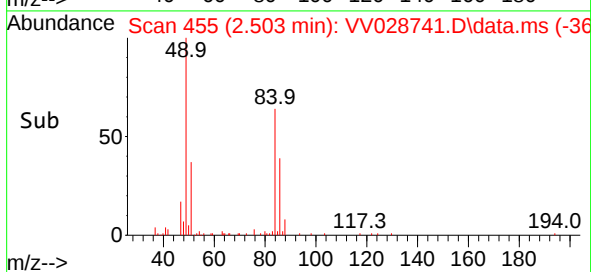
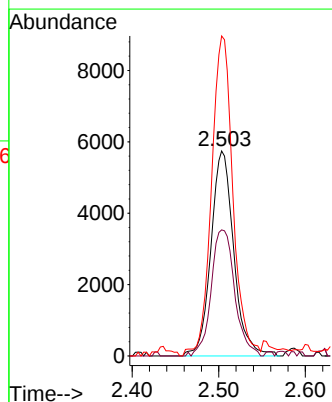
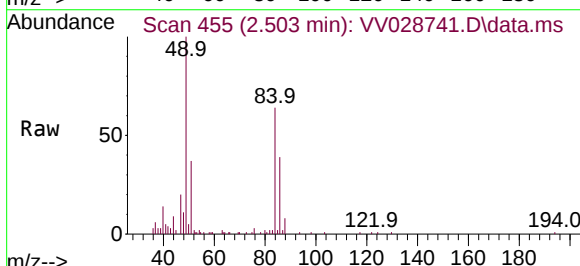
Instrument :
MSVOA_V
ClientSampleId :
BHA48DL

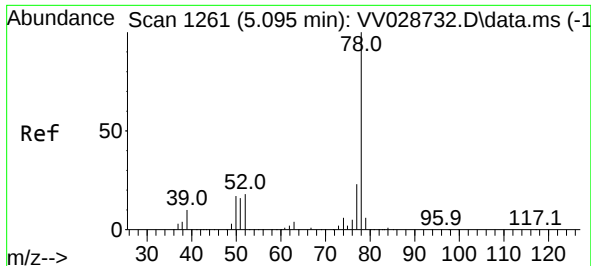
Tgt Ion: 64 Resp: 22409
Ion Ratio Lower Upper
64 100
66 7.8 23.9 44.5#



#16
Methylene chloride
Concen: 0.703 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028741.D
Acq: 28 Oct 2022 01:30

Tgt Ion: 84 Resp: 10516
Ion Ratio Lower Upper
84 100
86 61.5 44.4 82.4
49 156.2 110.8 205.8

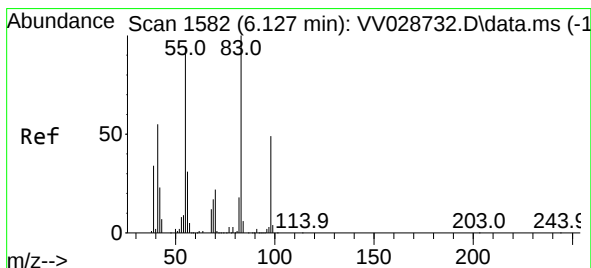
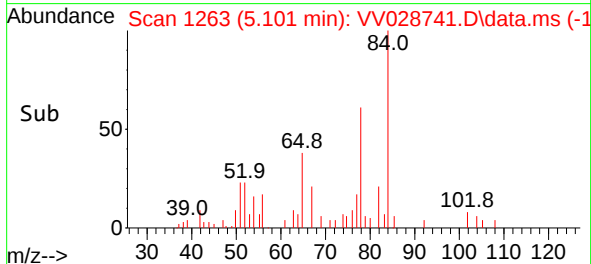
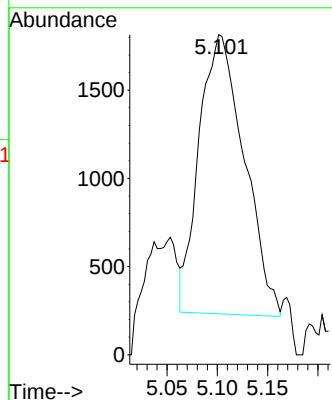
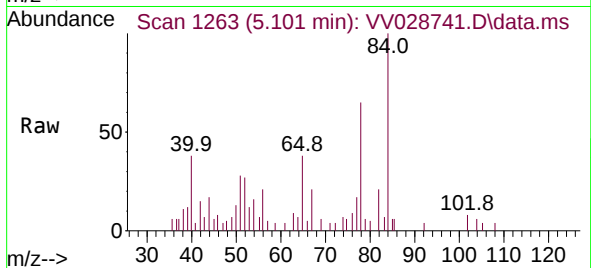




#33
Benzene
Concen: 0.089 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV028741.D
Acq: 28 Oct 2022 01:30

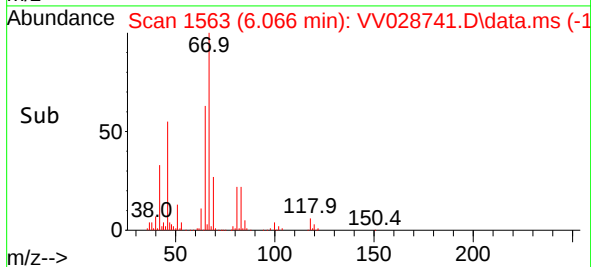
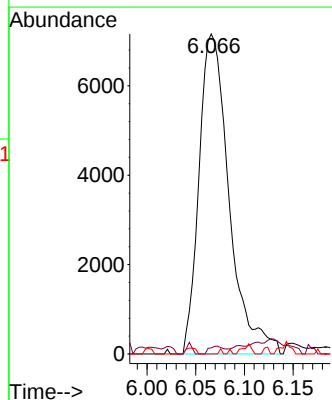
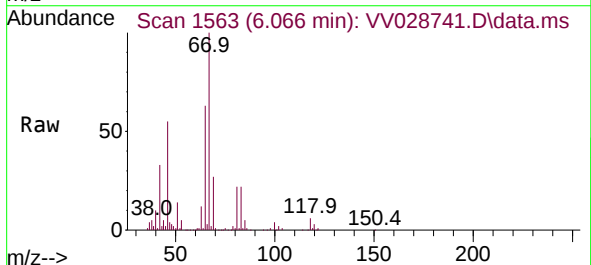
Instrument :
MSVOA_V
ClientSampleId :
BHA48DL

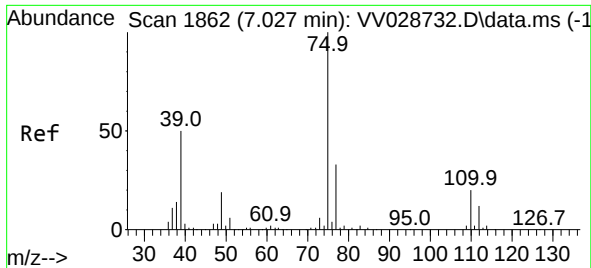
Tgt Ion: 78 Resp: 4935



#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV028741.D
Acq: 28 Oct 2022 01:30

Tgt Ion: 83 Resp: 15368
Ion Ratio Lower Upper
83 100
55 1.2 70.0 105.0#
98 0.1 35.6 53.4#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.986 min Scan# 1862

Delta R.T. -0.042 min

Lab File: VV028741.D

Acq: 28 Oct 2022 01:30

Instrument :

MSVOA_V

ClientSampleId :

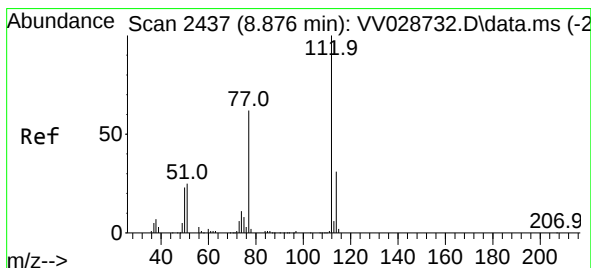
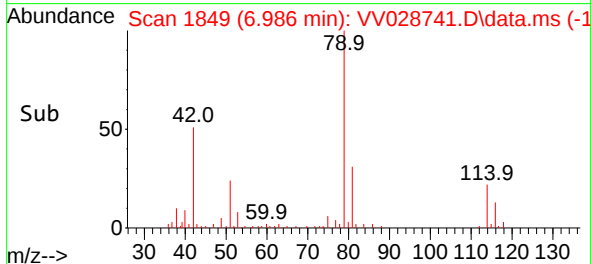
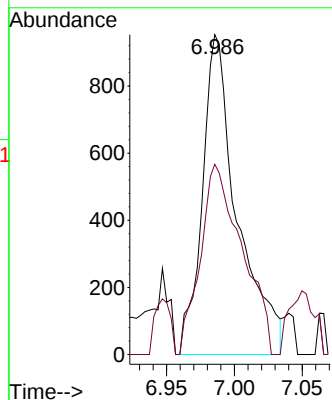
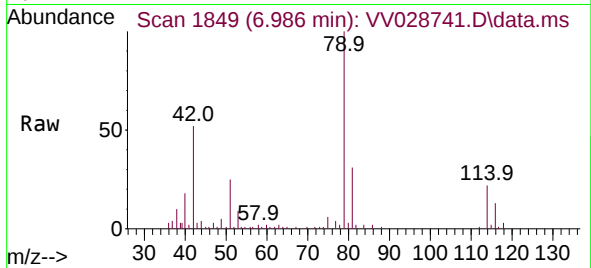
BHA48DL

Tgt Ion: 75 Resp: 1710

Ion Ratio Lower Upper

75 100

77 59.5 22.1 41.1#



#51

Chlorobenzene

Concen: 6.931 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV028741.D

Acq: 28 Oct 2022 01:30

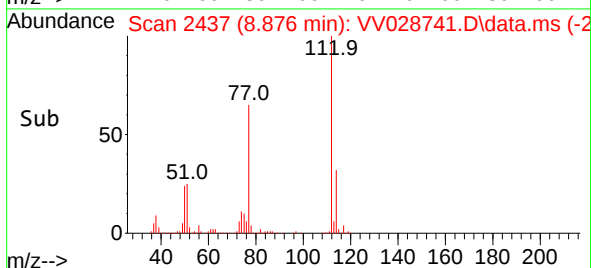
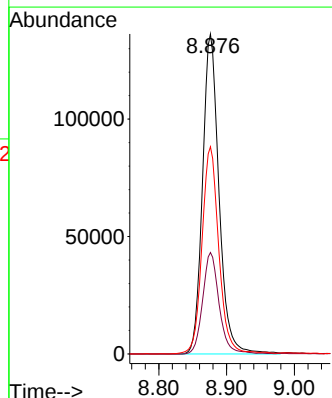
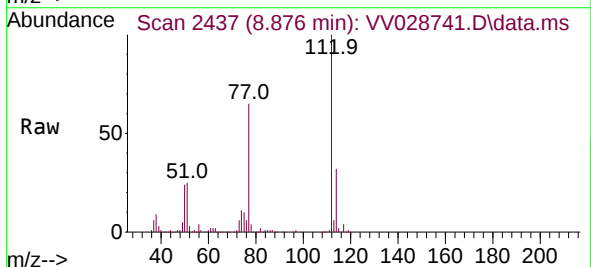
Tgt Ion: 112 Resp: 230402

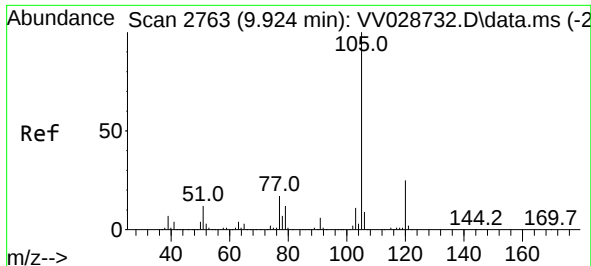
Ion Ratio Lower Upper

112 100

114 31.7 22.0 41.0

77 64.7 50.0 75.0

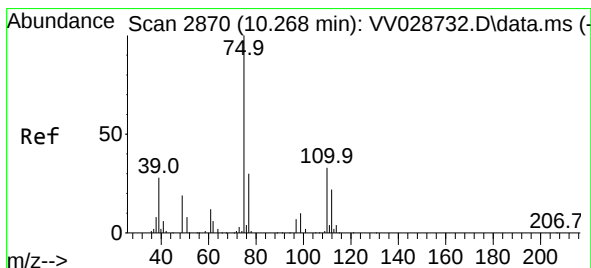
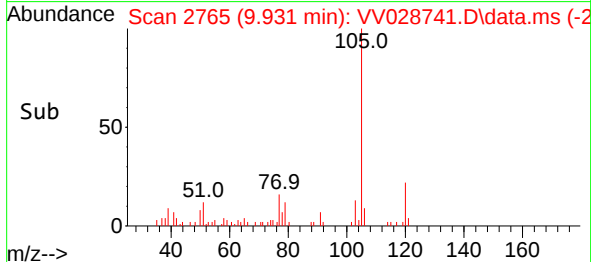
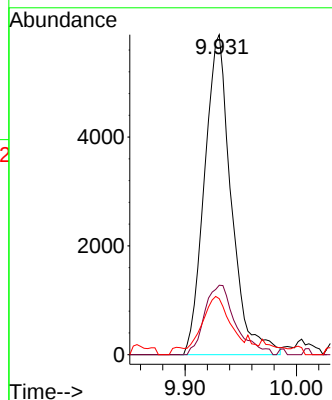
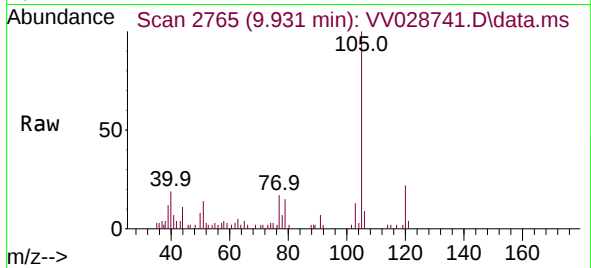




#60
Isopropylbenzene
Concen: 0.186 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028741.D
Acq: 28 Oct 2022 01:30

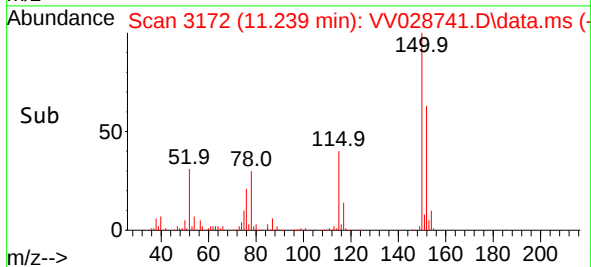
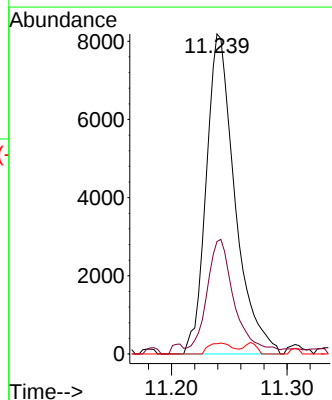
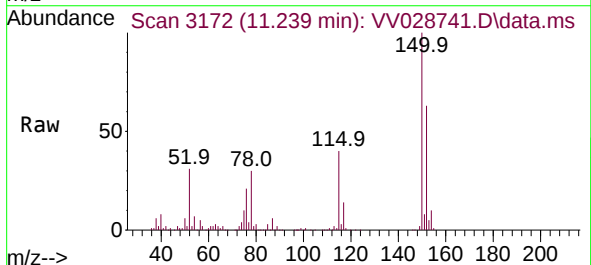
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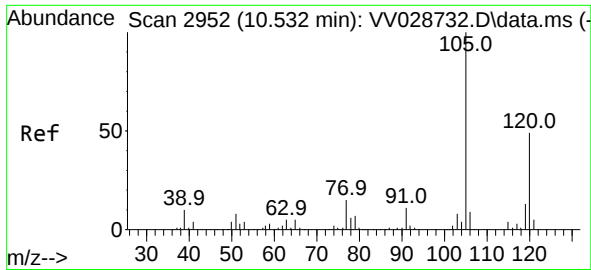
Tgt Ion:105 Resp: 9823
Ion Ratio Lower Upper
105 100
120 25.0 20.1 30.1
77 0.0 13.4 20.0#



#61
1,2,3-Trichloropropane
Concen: 1.961 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV028741.D
Acq: 28 Oct 2022 01:30

Tgt Ion: 75 Resp: 14121
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
110 2.9 27.9 41.9#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.087 ug/L
 RT: 10.738 min Scan# 30
 Delta R.T. 0.206 min
 Lab File: VV028741.D
 Acq: 28 Oct 2022 01:30

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA48DL

Tgt Ion:105 Resp: 1345
 Ion Ratio Lower Upper
 105 100
 120 38.1 38.3 57.5#

