

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028748.D
 Acq On : 28 Oct 2022 11:43
 Operator : SY/MD
 Sample : N5232-10DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA50DL

Quant Time: Oct 28 21:51:48 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)

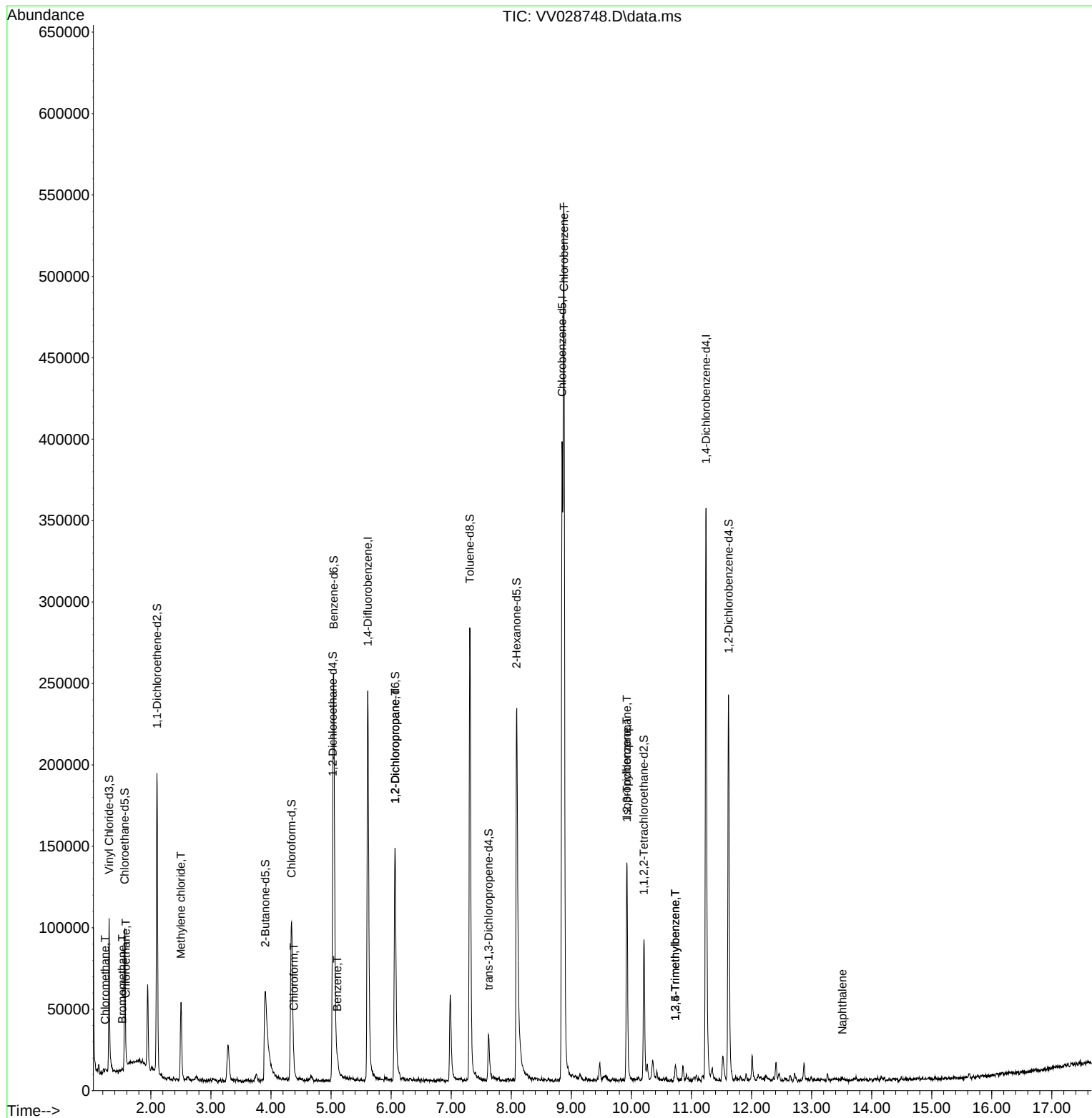
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	192732	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	181963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	83545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71751	5.353	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.000%
7) Chloroethane-d5	1.564	69	58652	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.101	63	101730	3.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.905	46	128580	42.069	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.140%
24) Chloroform-d	4.342	84	98900	4.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.027	65	53002	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.043	84	217330	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.066	67	69968	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.310	98	180448	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.622	79	16336	3.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.088	63	94751	42.533	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.060%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	42425	4.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	54525	4.732	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1644	0.108	ug/L	100
6) Bromomethane	1.523	94	1374	0.191	ug/L	96
8) Chloroethane	1.584	64	4639	0.453	ug/L #	70
16) Methylene chloride	2.500	84	17941	1.228	ug/L	95
25) Chloroform	4.381	83	3040	0.121	ug/L	83
33) Benzene	5.104	78	10517	0.193	ug/L	100
37) 1,2-Dichloropropane	6.066	63	8280	0.596	ug/L #	89
51) Chlorobenzene	8.876	112	257578	7.933	ug/L	98
60) Isopropylbenzene	9.924	105	82338	1.566	ug/L	98
61) 1,2,3-Trichloropropane	9.927	75	1534	0.214	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.731	105	5599	0.365	ug/L #	74
63) 1,2,4-Trimethylbenzene	10.731	105	5599	0.132	ug/L #	77
71) Naphthalene	13.512	128	1201	0.054	ug/L #	84

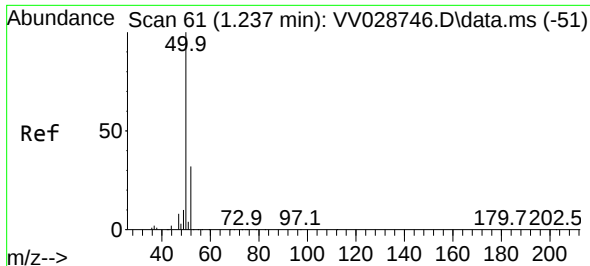
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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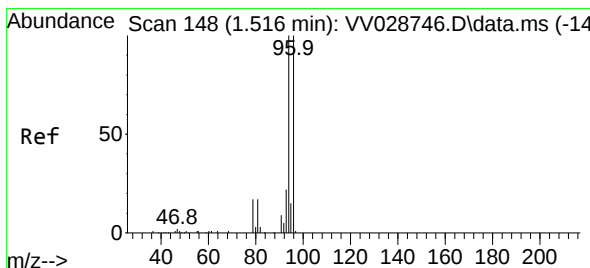
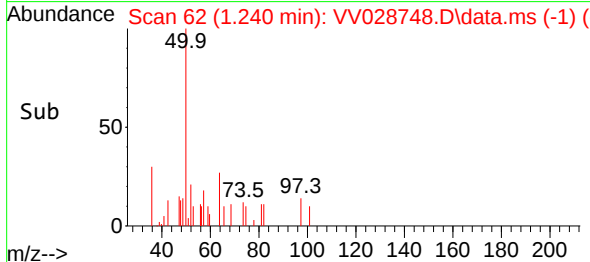
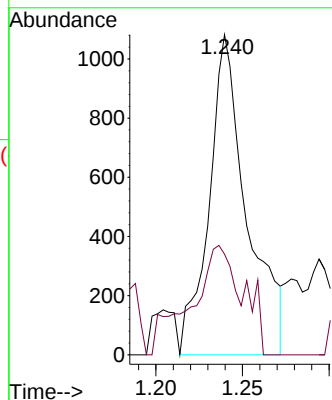
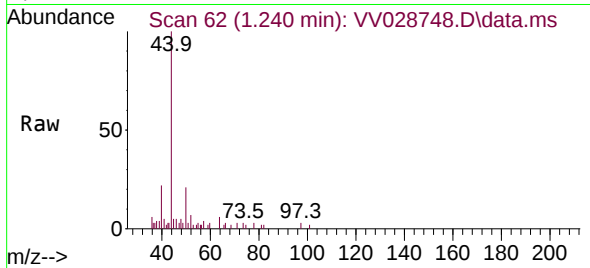




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028748.D
Acq: 28 Oct 2022 11:43

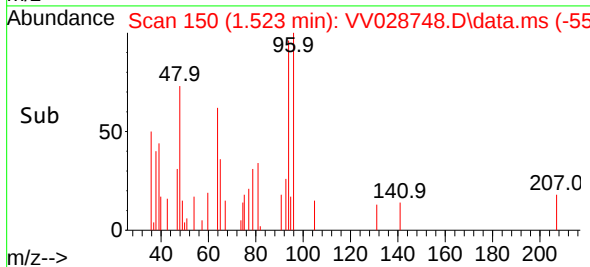
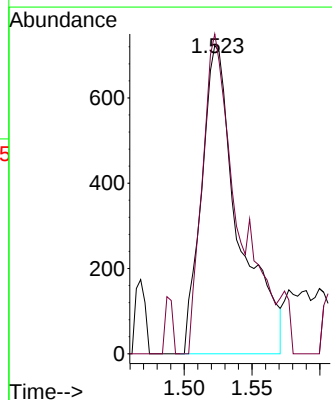
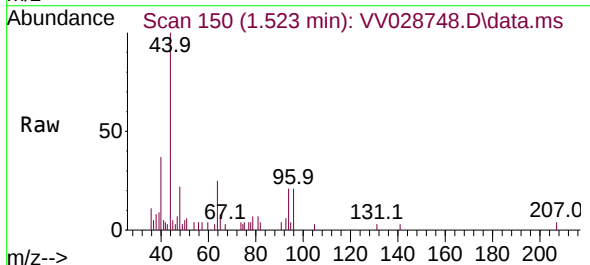
Instrument :
MSVOA_V
ClientSampleId :
BHA50DL

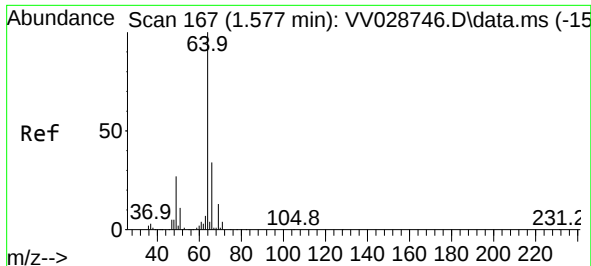
Tgt Ion: 50 Resp: 1644
Ion Ratio Lower Upper
50 100
52 31.4 21.8 40.6



#6
Bromomethane
Concen: 0.191 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV028748.D
Acq: 28 Oct 2022 11:43

Tgt Ion: 94 Resp: 1374
Ion Ratio Lower Upper
94 100
96 88.1 64.3 119.3

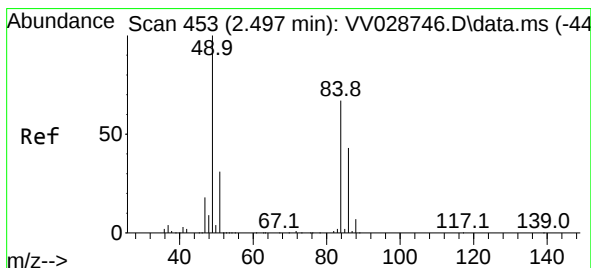
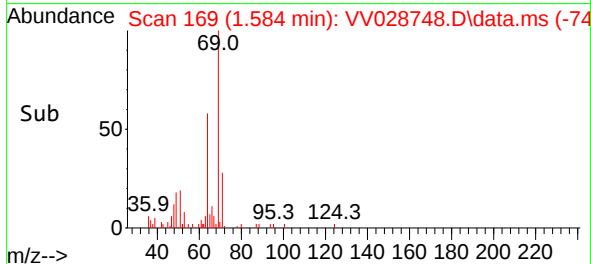
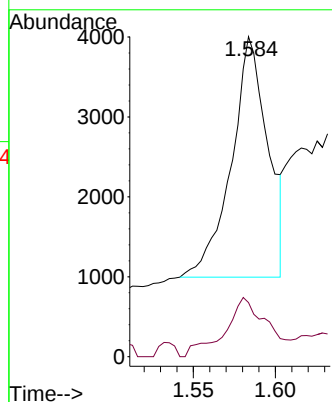
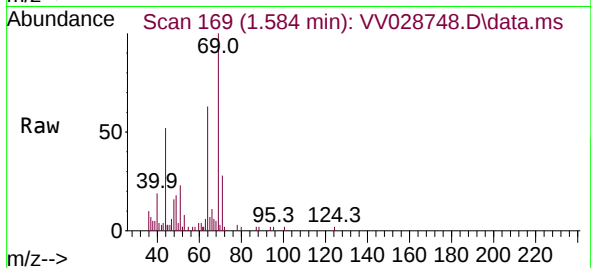




#8
Chloroethane
Concen: 0.453 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028748.D
Acq: 28 Oct 2022 11:43

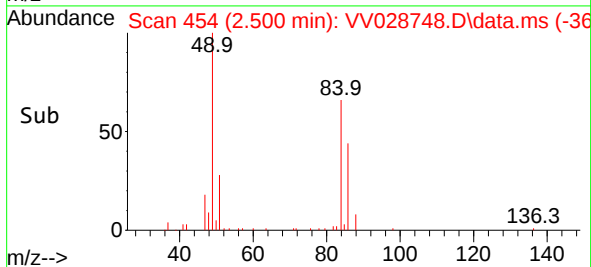
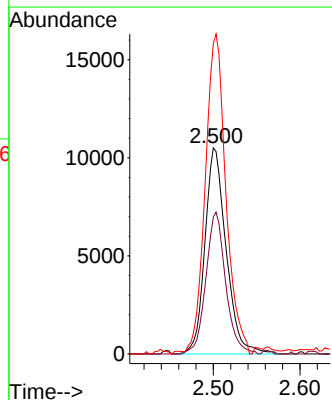
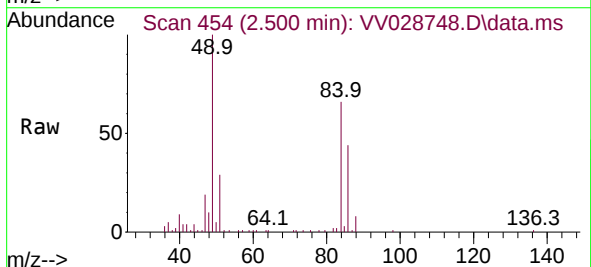
Instrument :
MSVOA_V
ClientSampleId :
BHA50DL

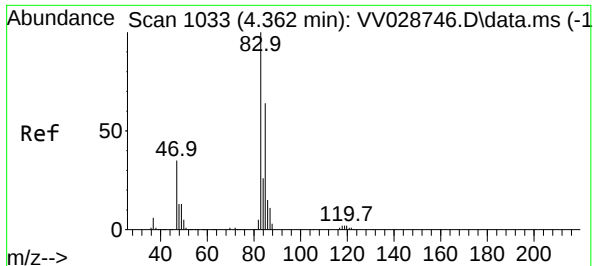
Tgt Ion: 64 Resp: 4639
Ion Ratio Lower Upper
64 100
66 16.9 23.9 44.5#



#16
Methylene chloride
Concen: 1.228 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028748.D
Acq: 28 Oct 2022 11:43

Tgt Ion: 84 Resp: 17941
Ion Ratio Lower Upper
84 100
86 66.4 44.4 82.4
49 150.5 110.8 205.8





#25

Chloroform

Concen: 0.121 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV028748.D

Acq: 28 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

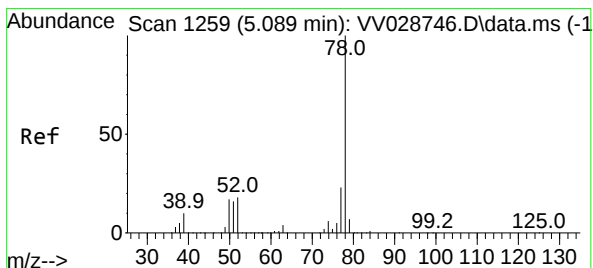
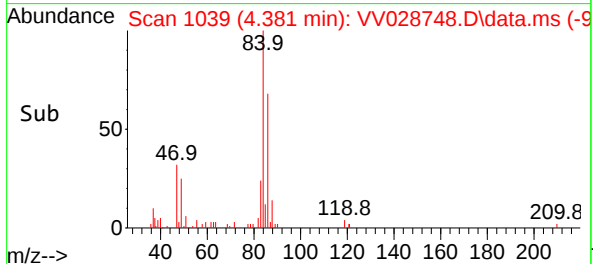
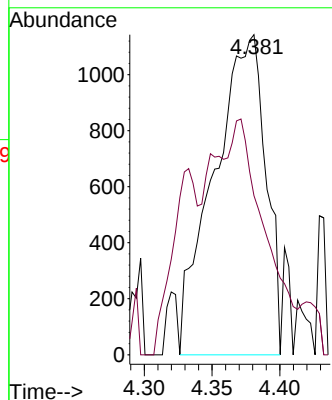
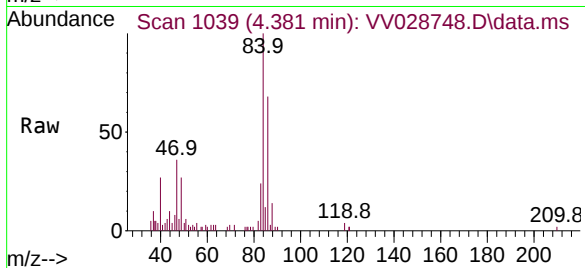
BHA50DL

Tgt Ion: 83 Resp: 3040

Ion Ratio Lower Upper

83 100

85 49.7 44.1 81.9



#33

Benzene

Concen: 0.193 ug/L

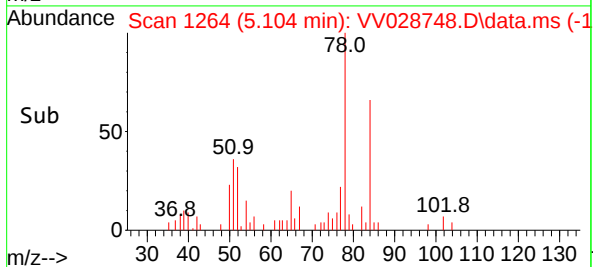
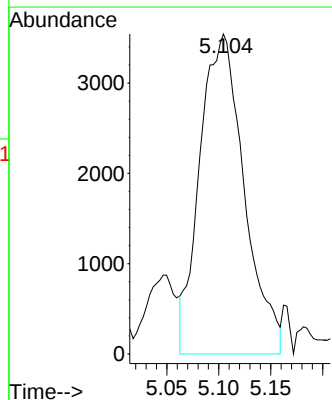
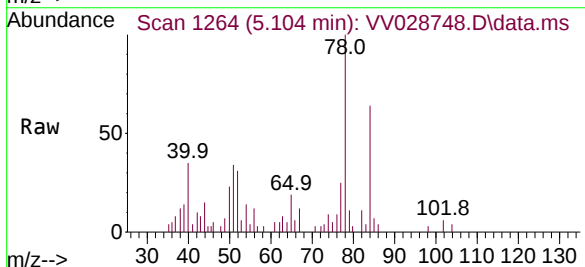
RT: 5.104 min Scan# 1264

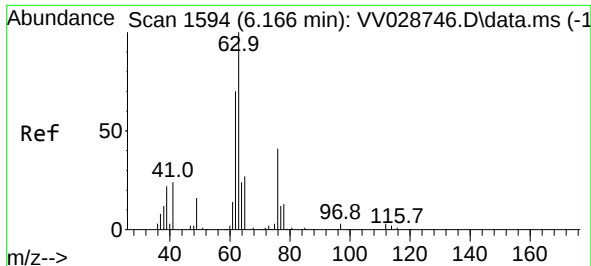
Delta R.T. 0.016 min

Lab File: VV028748.D

Acq: 28 Oct 2022 11:43

Tgt Ion: 78 Resp: 10517





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV028748.D

Acq: 28 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

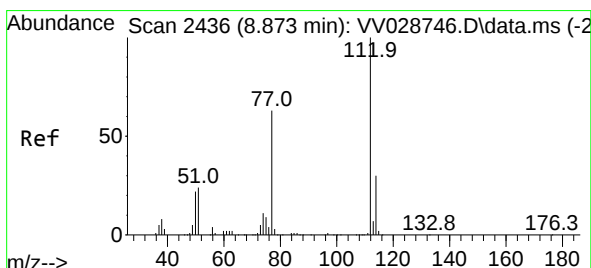
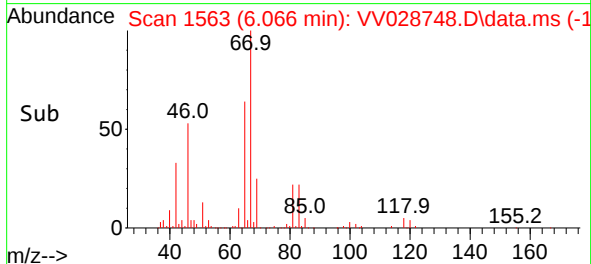
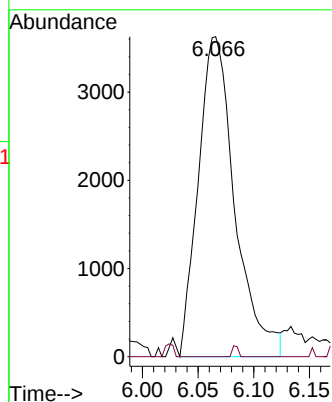
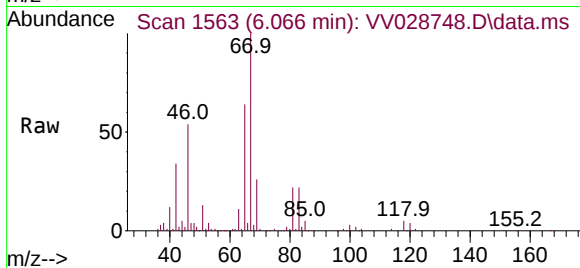
BHA50DL

Tgt Ion: 63 Resp: 8280

Ion Ratio Lower Upper

63 100

112 0.5 3.4 5.2#



#51

Chlorobenzene

Concen: 7.933 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV028748.D

Acq: 28 Oct 2022 11:43

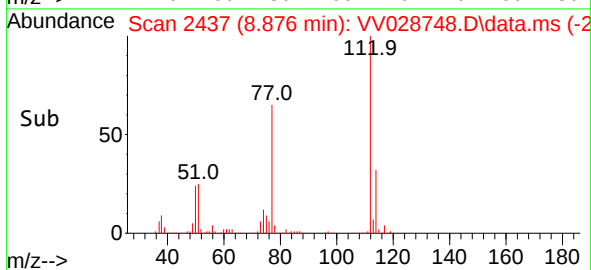
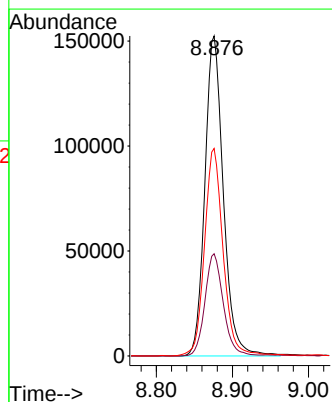
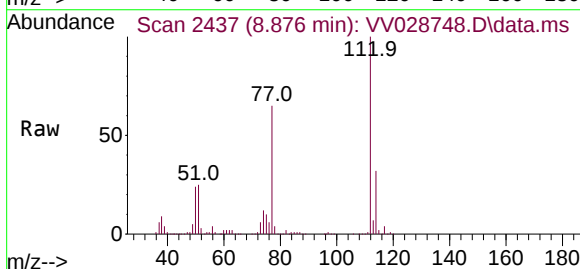
Tgt Ion: 112 Resp: 257578

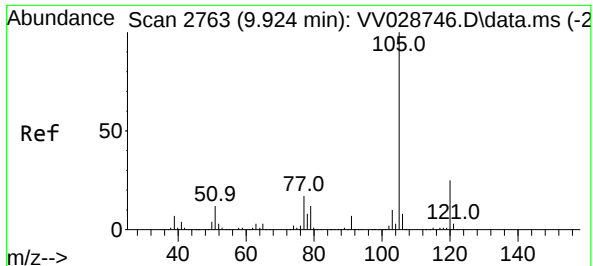
Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 64.9 50.0 75.0

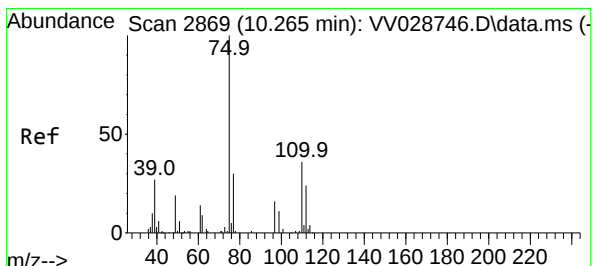
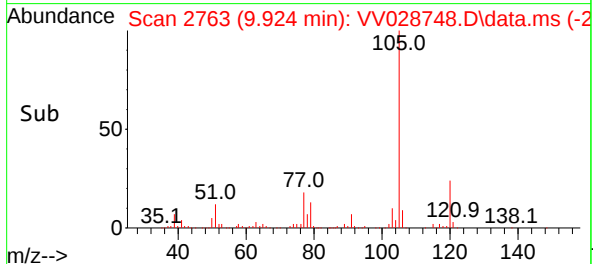
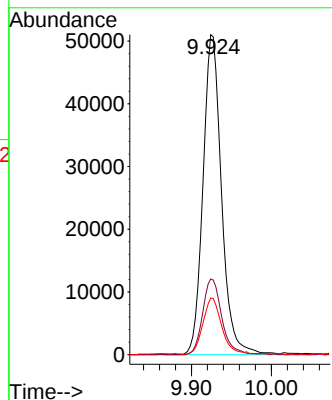
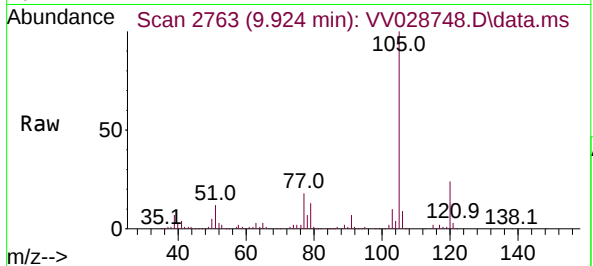




#60
Isopropylbenzene
Concen: 1.566 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028748.D
Acq: 28 Oct 2022 11:43

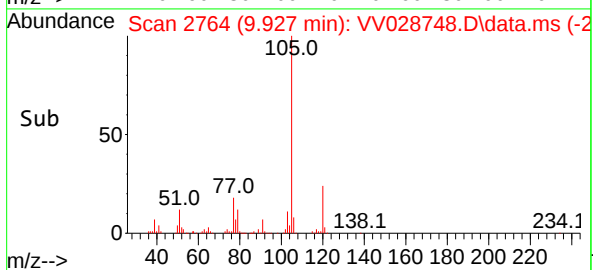
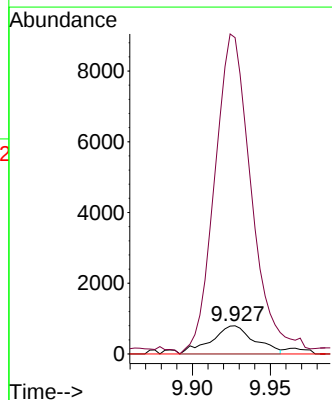
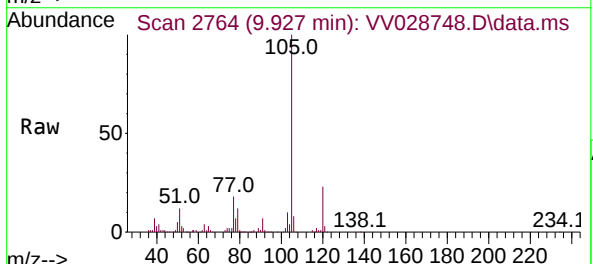
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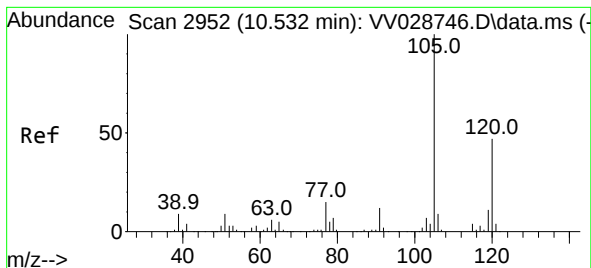
Tgt Ion:105 Resp: 82338
Ion Ratio Lower Upper
105 100
120 24.3 20.1 30.1
77 18.1 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 0.214 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.338 min
Lab File: VV028748.D
Acq: 28 Oct 2022 11:43

Tgt Ion: 75 Resp: 1534
Ion Ratio Lower Upper
75 100
77 971.2 25.2 37.8#
110 2.6 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.365 ug/L

RT: 10.731 min Scan# 3014

Delta R.T. 0.199 min

Lab File: VV028748.D

Acq: 28 Oct 2022 11:43

Instrument :

MSVOA_V

ClientSampleId :

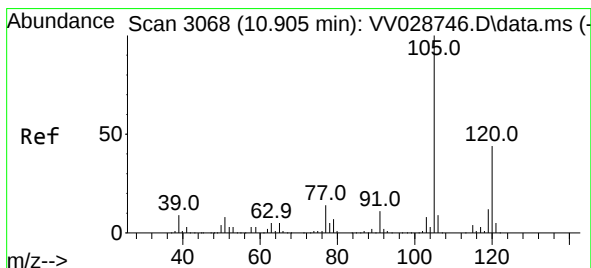
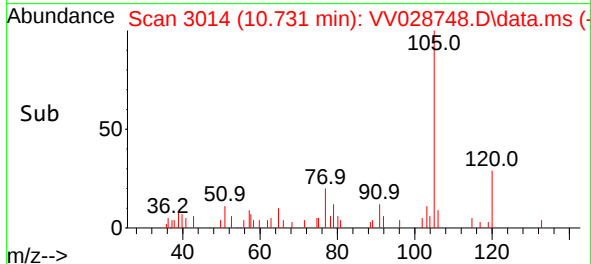
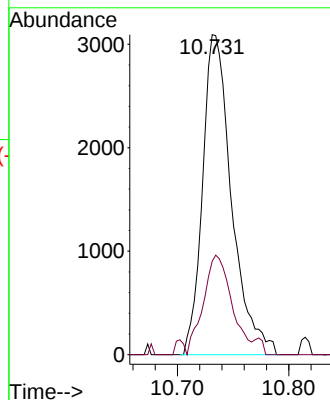
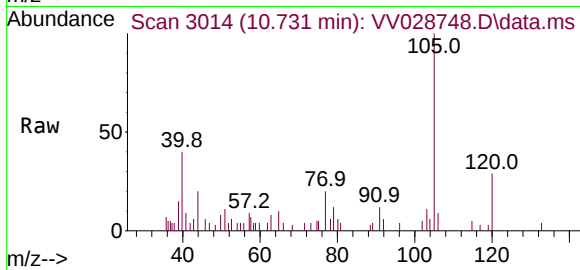
BHA50DL

Tgt Ion:105 Resp: 5599

Ion Ratio Lower Upper

105 100

120 30.4 38.3 57.5#



#63

1,2,4-Trimethylbenzene

Concen: 0.132 ug/L

RT: 10.731 min Scan# 3014

Delta R.T. -0.174 min

Lab File: VV028748.D

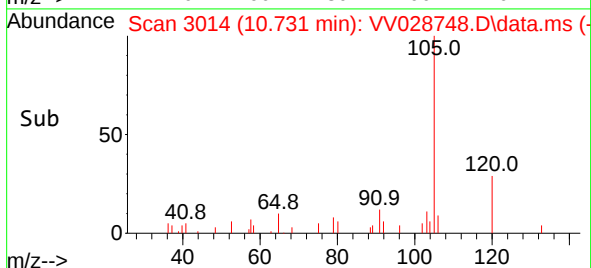
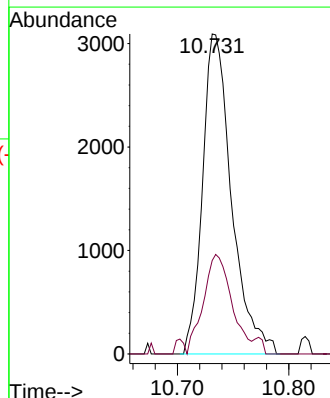
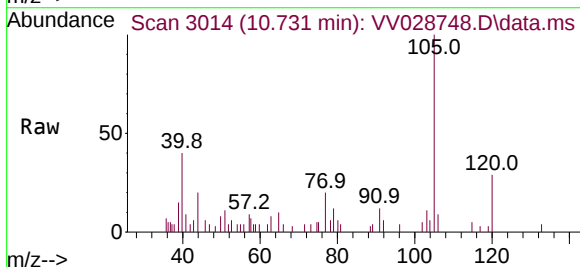
Acq: 28 Oct 2022 11:43

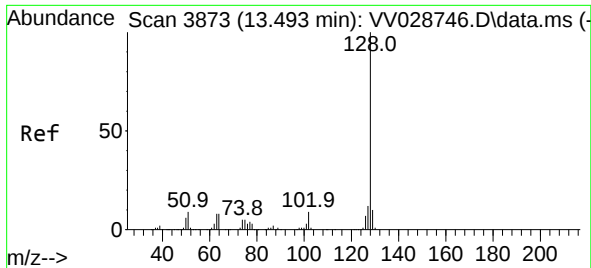
Tgt Ion:105 Resp: 5599

Ion Ratio Lower Upper

105 100

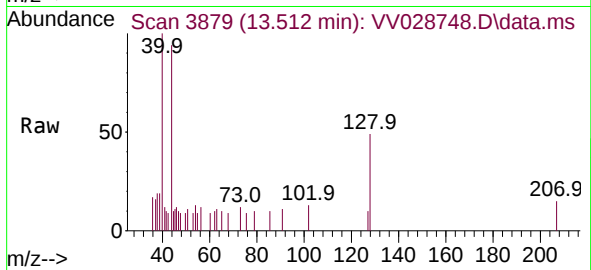
120 30.4 36.2 54.2#





#71
Naphthalene
Concen: 0.054 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.019 min
Lab File: VV028748.D
Acq: 28 Oct 2022 11:43

Instrument :
MSVOA_V
ClientSampleId :
BHA50DL



Tgt Ion:128 Resp: 1201
Ion Ratio Lower Upper
128 100
129 3.4 8.9 13.3#
127 7.6 10.2 15.4#

