

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029365.D
 Acq On : 25 Nov 2022 19:27
 Operator : SY/MD
 Sample : N5759-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB79

Quant Time: Nov 25 21:34:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

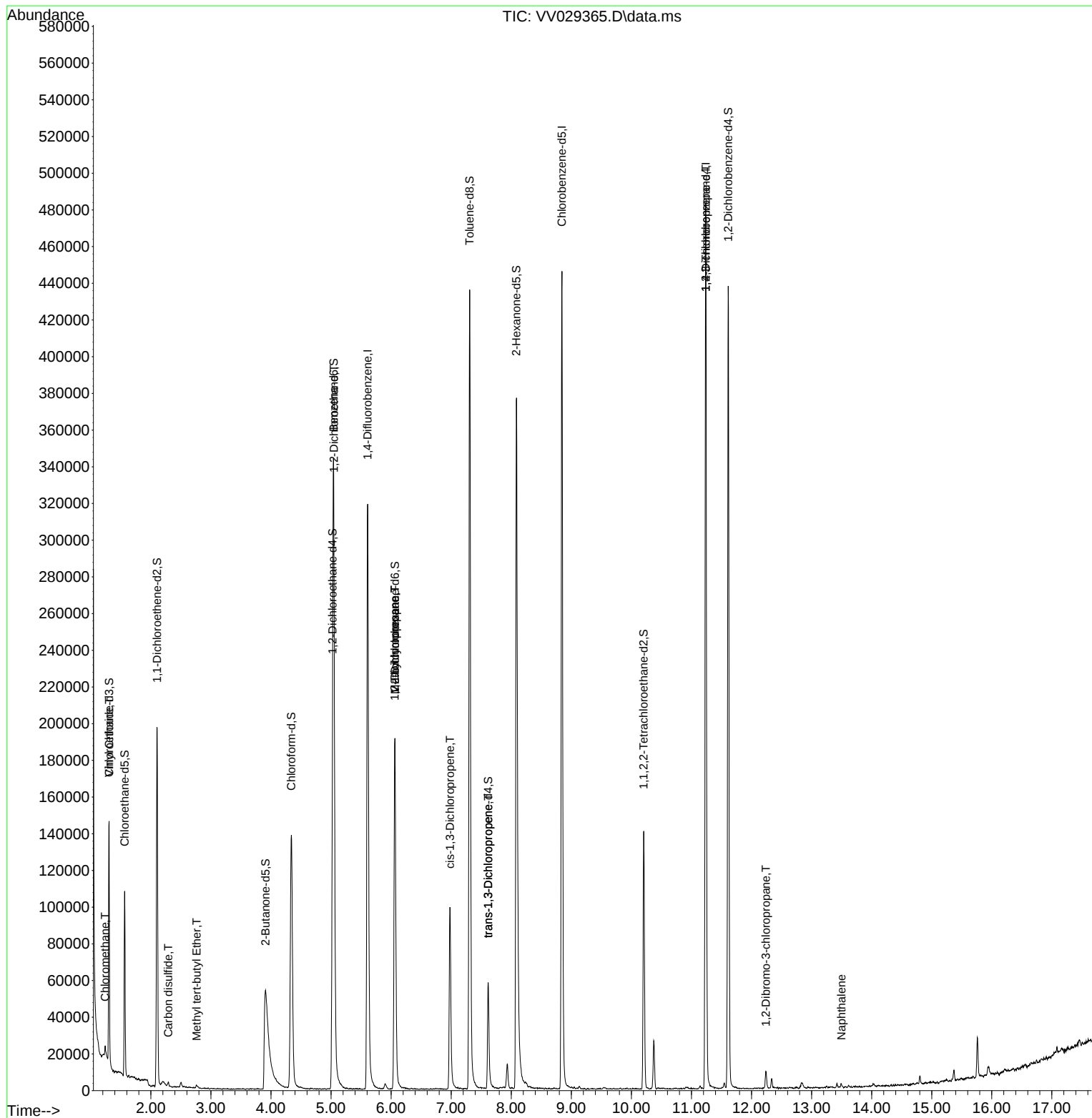
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	295294	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	264258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	136054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83634	4.602	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.564	69	65301	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.101	63	101720	3.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.908	46	169599	55.789	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.580%
24) Chloroform-d	4.339	84	154568	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.024	65	73567	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.043	84	343551	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.063	67	101821	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.307	98	311365	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.616	79	37489	4.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.085	63	156485	55.484	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.960%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	70880	5.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	117767	4.955	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	6853	0.339	ug/L	95
8) Chloroethane	1.304	64	886	0.074	ug/L #	1
14) Carbon disulfide	2.291	76	2523	0.057	ug/L #	83
17) Methyl tert-butyl Ether	2.764	73	1425	0.037	ug/L	95
27) 1,2-Dichloroethane	5.047	62	1694	0.095	ug/L #	72
35) Methylcyclohexane	6.063	83	23444	0.689	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	10563	0.567	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2478	0.091	ug/L #	43
44) trans-1,3-Dichloropropene	7.616	75	1569	0.073	ug/L #	55
61) 1,2,3-Trichloropropane	11.239	75	15016	1.591	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.239	75	334	0.180	ug/L #	1
71) Naphthalene	13.496	128	1926	0.081	ug/L #	91

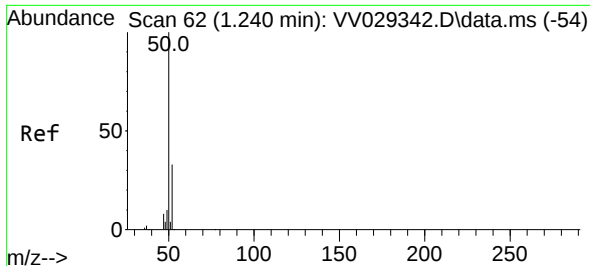
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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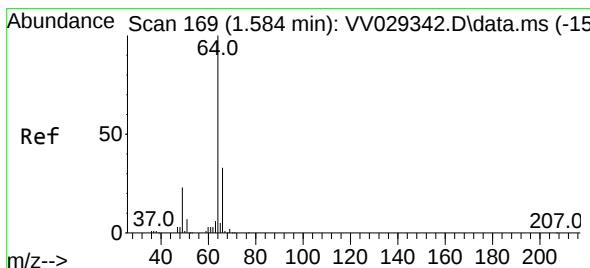
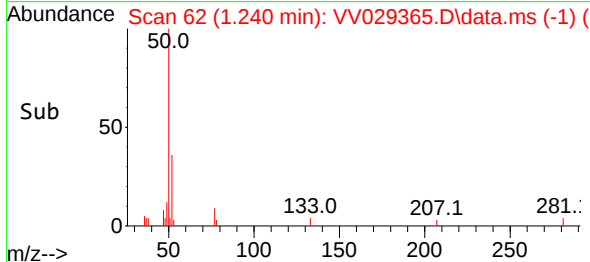
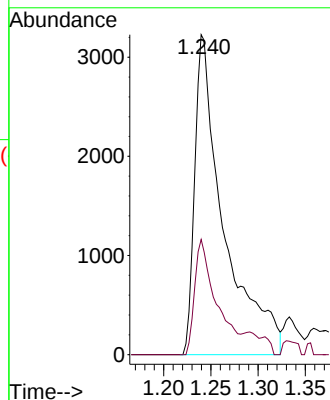
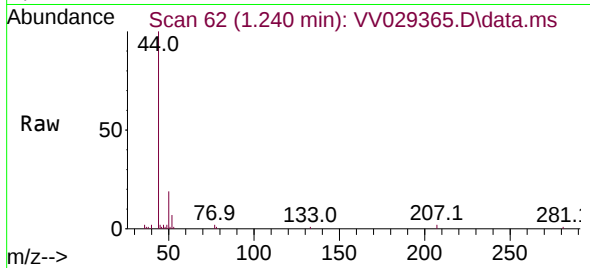




#3
Chloromethane
Concen: 0.339 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029365.D
Acq: 25 Nov 2022 19:27

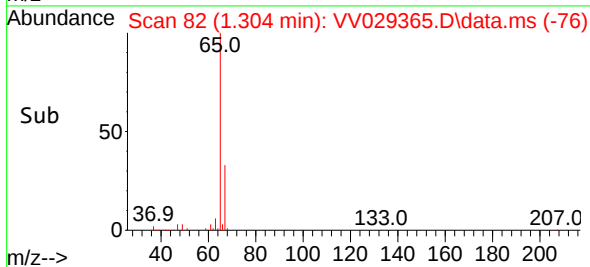
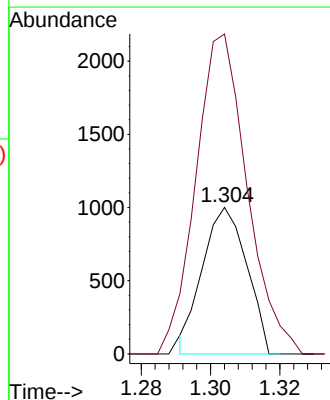
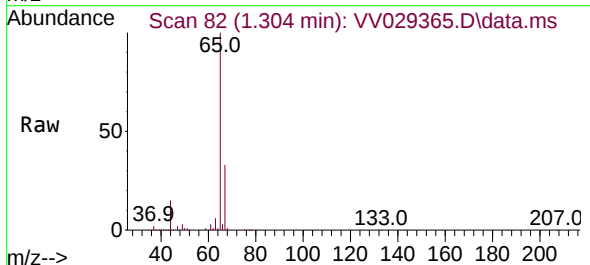
Instrument :
MSVOA_V
ClientSampleId :
BHB79

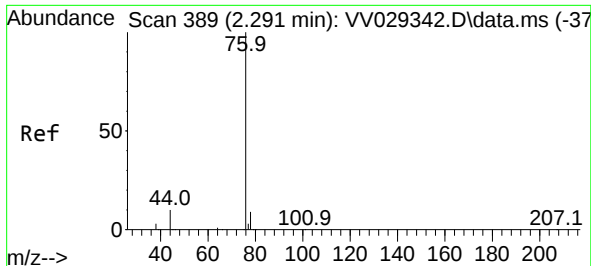
Tgt Ion: 50 Resp: 6853
Ion Ratio Lower Upper
50 100
52 36.0 23.2 43.2



#8
Chloroethane
Concen: 0.074 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.280 min
Lab File: VV029365.D
Acq: 25 Nov 2022 19:27

Tgt Ion: 64 Resp: 886
Ion Ratio Lower Upper
64 100
66 218.4 23.5 43.7#

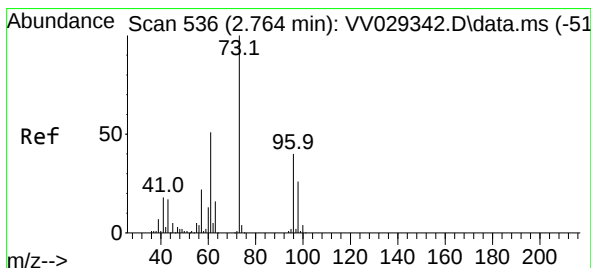
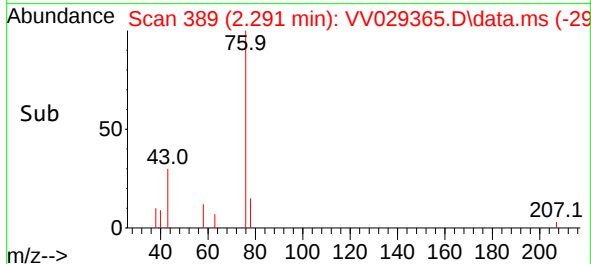
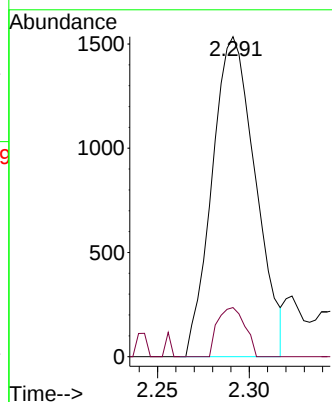
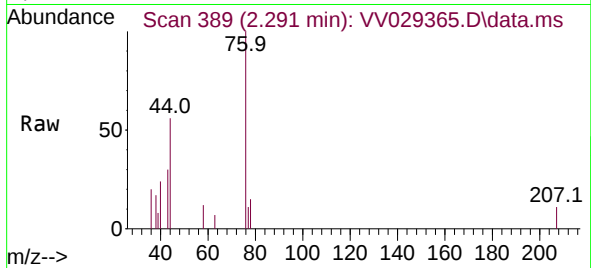




#14
Carbon disulfide
Concen: 0.057 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV029365.D
Acq: 25 Nov 2022 19:27

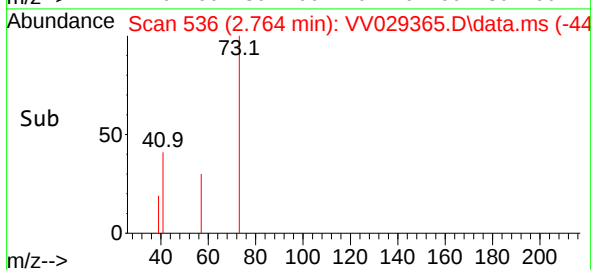
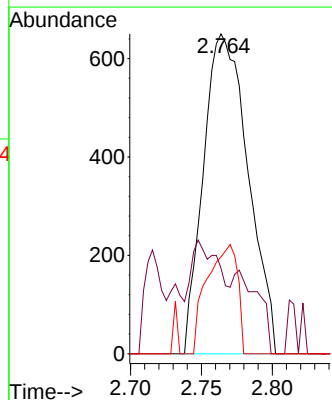
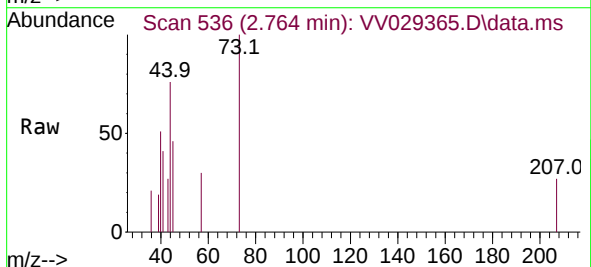
Instrument :
MSVOA_V
ClientSampleId :
BHB79

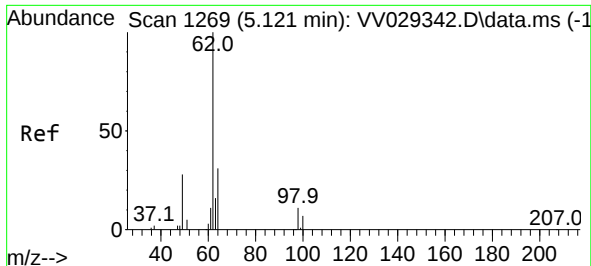
Tgt Ion: 76 Resp: 2523
Ion Ratio Lower Upper
76 100
78 15.4 7.4 11.2#



#17
Methyl tert-butyl Ether
Concen: 0.037 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV029365.D
Acq: 25 Nov 2022 19:27

Tgt Ion: 73 Resp: 1425
Ion Ratio Lower Upper
73 100
43 14.5 13.2 19.8
57 23.3 16.9 25.3





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV029365.D

Acq: 25 Nov 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

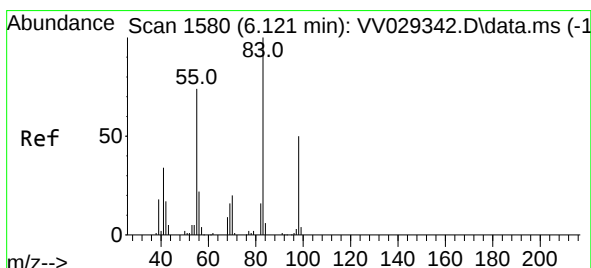
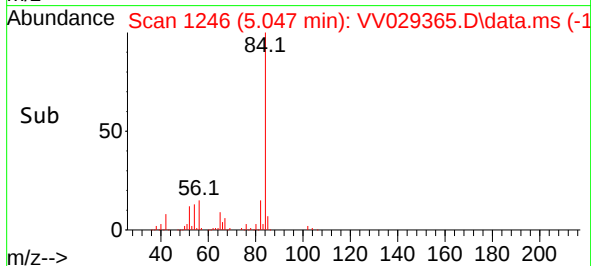
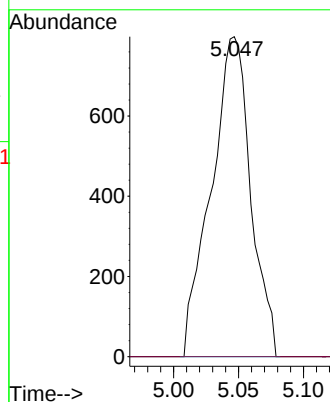
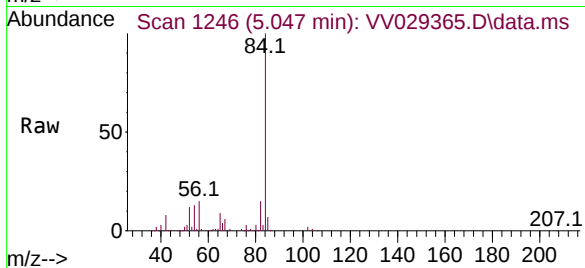
BHB79

Tgt Ion: 62 Resp: 1694

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029365.D

Acq: 25 Nov 2022 19:27

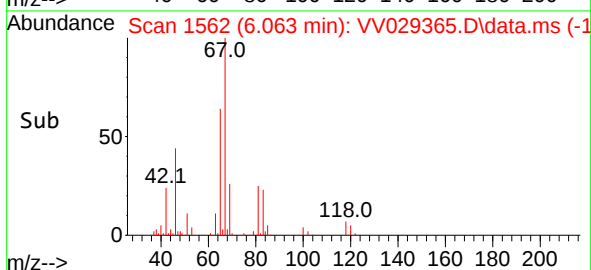
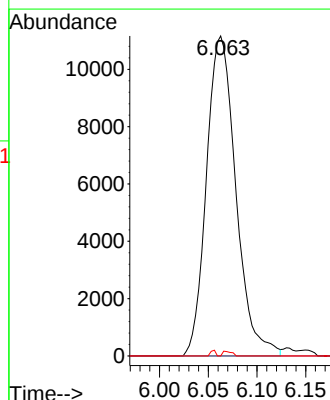
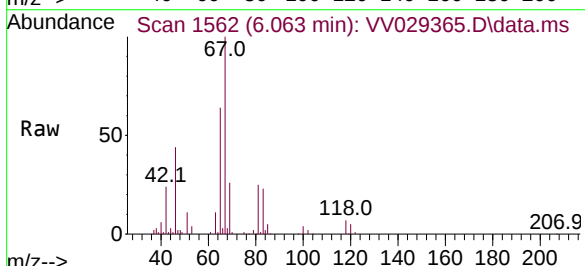
Tgt Ion: 83 Resp: 23444

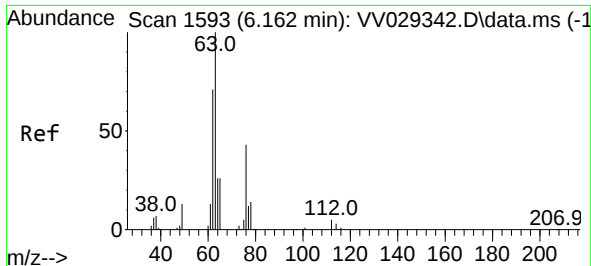
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 0.5 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.059 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029365.D

Acq: 25 Nov 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

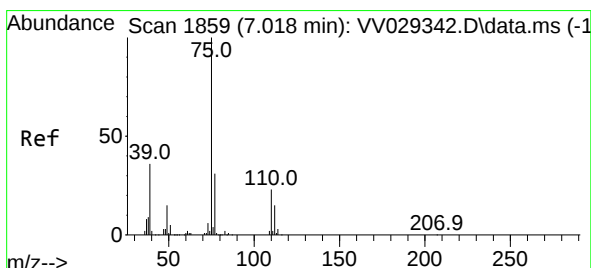
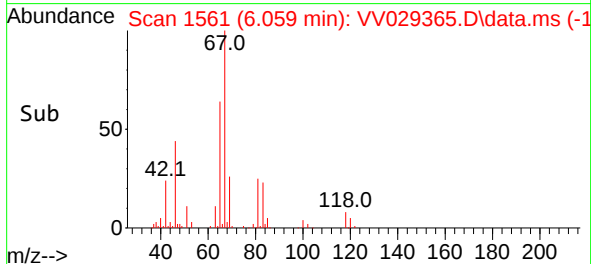
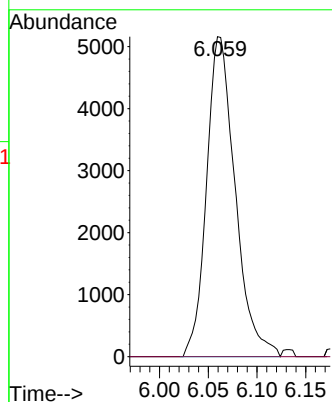
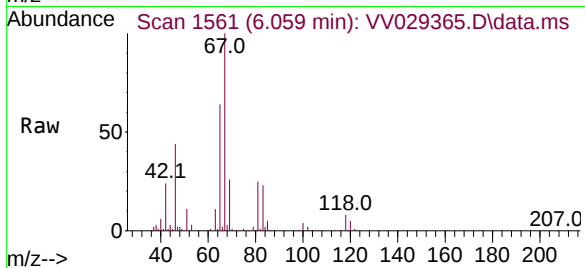
BHB79

Tgt Ion: 63 Resp: 10563

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.035 min

Lab File: VV029365.D

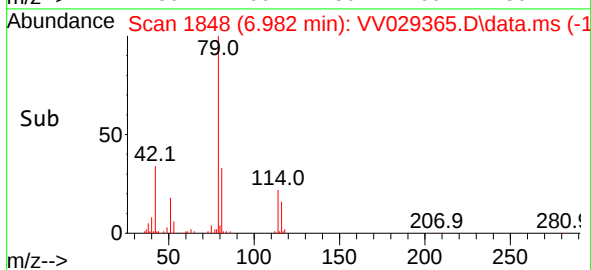
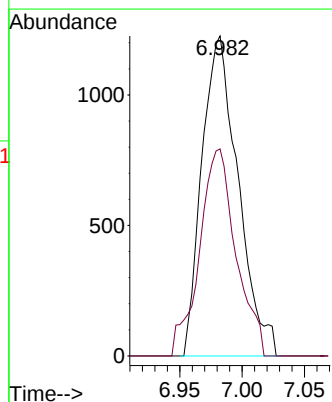
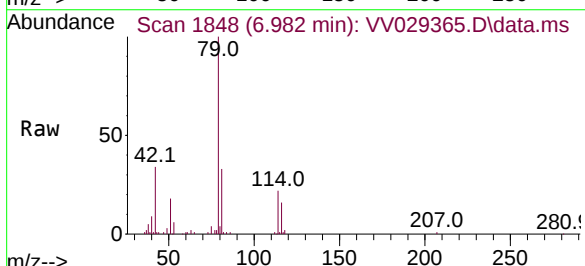
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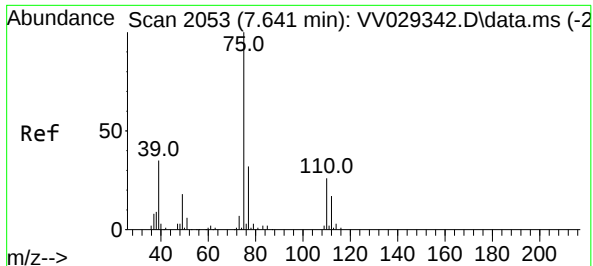
Tgt Ion: 75 Resp: 2478

Ion Ratio Lower Upper

75 100

77 64.7 22.7 42.3#

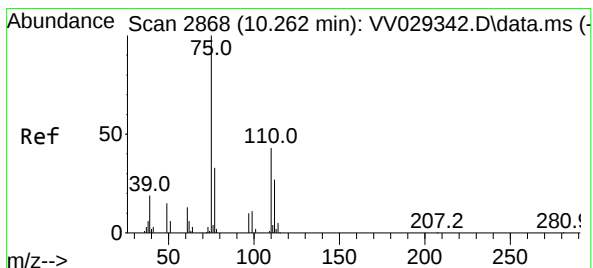
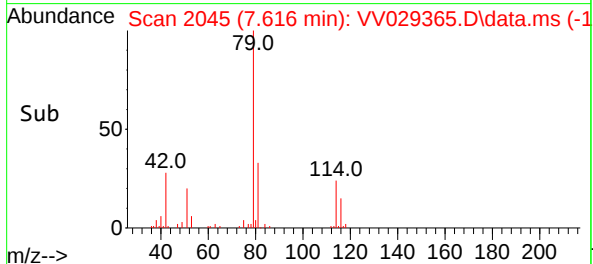
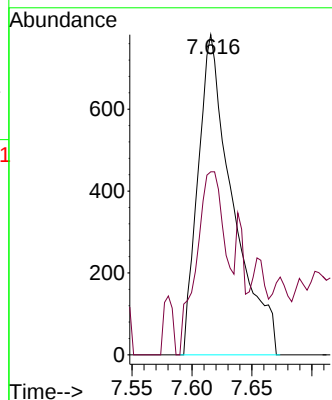
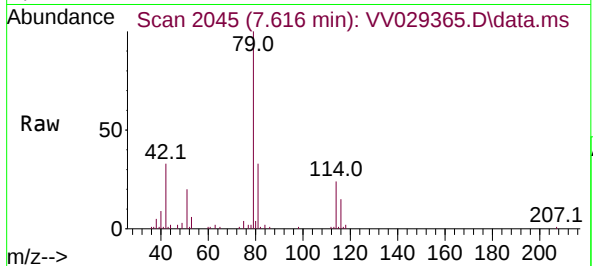




#44
 trans-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.616 min Scan# 2053
 Delta R.T. -0.026 min
 Lab File: VV029365.D
 Acq: 25 Nov 2022 19:27

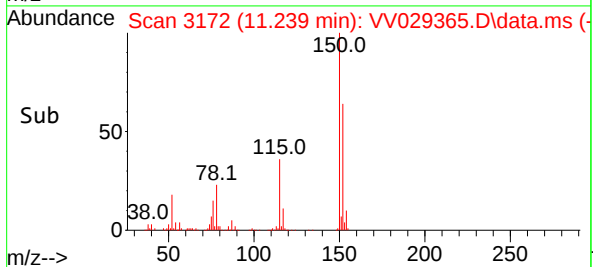
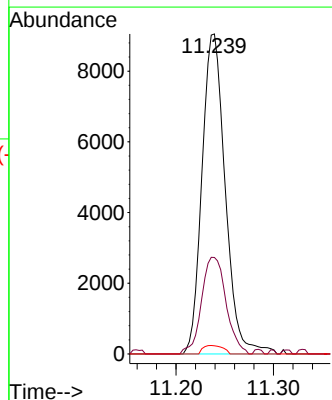
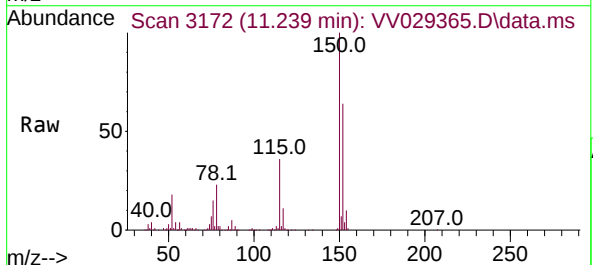
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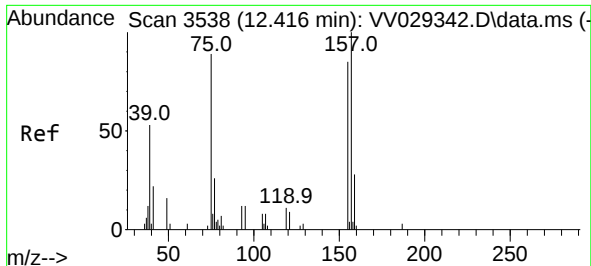
Tgt Ion: 75 Resp: 1569
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.4 41.6#



#61
 1,2,3-Trichloropropane
 Concen: 1.591 ug/L
 RT: 11.239 min Scan# 3172
 Delta R.T. 0.977 min
 Lab File: VV029365.D
 Acq: 25 Nov 2022 19:27

Tgt Ion: 75 Resp: 15016
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.7 40.1
 110 2.2 32.2 48.4#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.180 ug/L

RT: 12.239 min Scan# 34

Delta R.T. -0.177 min

Lab File: VV029365.D

Acq: 25 Nov 2022 19:27

Instrument :

MSVOA_V

ClientSampleId :

BHB79

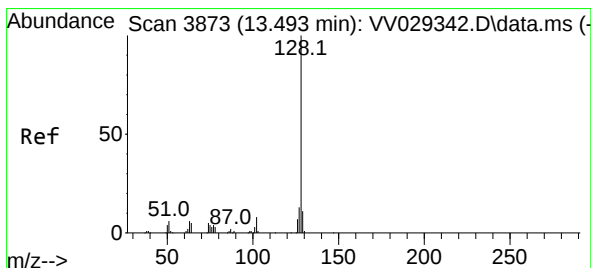
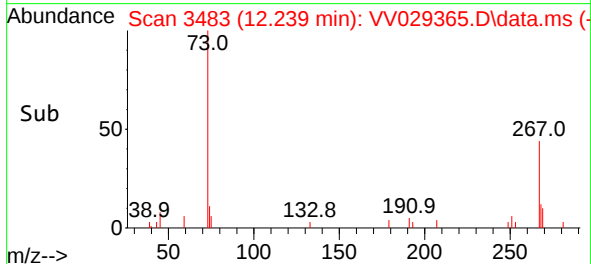
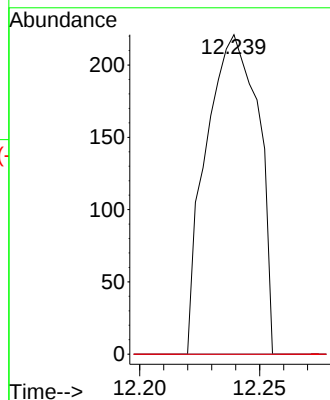
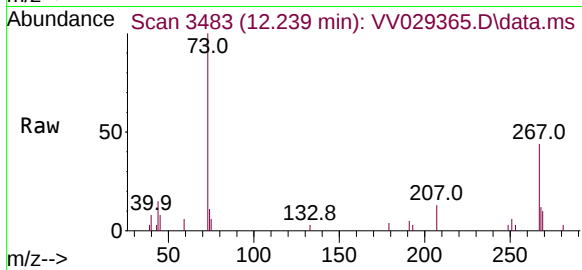
Tgt Ion: 75 Resp: 334

Ion Ratio Lower Upper

75 100

155 0.0 76.6 115.0#

157 0.0 96.9 145.3#



#71

Naphthalene

Concen: 0.081 ug/L

RT: 13.496 min Scan# 3874

Delta R.T. 0.003 min

Lab File: VV029365.D

Acq: 25 Nov 2022 19:27

Tgt Ion: 128 Resp: 1926

Ion Ratio Lower Upper

128 100

129 6.0 8.9 13.3#

127 11.3 10.6 15.8

