

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029366.D
 Acq On : 25 Nov 2022 19:51
 Operator : SY/MD
 Sample : N5759-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB80

Quant Time: Nov 25 21:34:18 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	285758	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	258221	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	131663	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87373	4.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.565	69	68775	5.343	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.105	63	104626	3.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.892	46	170551	57.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.940%
24) Chloroform-d	4.339	84	159691	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.027	65	75211	5.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.043	84	357251	5.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.063	67	106906	5.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.307	98	321234	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.616	79	37983	4.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.085	63	153519	55.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.400%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	72867	5.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	121689	5.291	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	7794	0.399	ug/L	92
13) Acetone	2.185	43	30344	14.186	ug/L	98
15) Methyl Acetate	2.439	43	4150	0.675	ug/L	97
16) Methylene chloride	2.500	84	6776	0.302	ug/L	91
18) trans-1,2-Dichloroethene	2.757	96	6314	0.374	ug/L	96
25) Chloroform	4.368	83	19796	0.625	ug/L	99
34) Trichloroethene	5.912	95	4370	0.222	ug/L	99
35) Methylcyclohexane	6.063	83	24420	0.734	ug/L #	21
37) 1,2-Dichloropropane	6.060	63	11108	0.611	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2793	0.105	ug/L #	64
42) Toluene	7.381	91	103762	1.252	ug/L	99
47) Tetrachloroethene	7.966	164	5851	0.362	ug/L	97
49) Dibromochloromethane	7.969	129	5653	0.408	ug/L #	11
52) Ethylbenzene	9.008	91	8849	0.102	ug/L	97
53) m,p-Xylene	9.133	106	11651	0.342	ug/L	96
54) o-Xylene	9.535	106	4520	0.135	ug/L	94
55) Styrene	9.561	104	3874	0.069	ug/L	96
61) 1,2,3-Trichloropropane	11.236	75	15681	1.717	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.908	105	4585	0.062	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
 Data File : VV029366.D
 Acq On : 25 Nov 2022 19:51
 Operator : SY/MD
 Sample : N5759-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB80

Quant Time: Nov 25 21:34:18 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

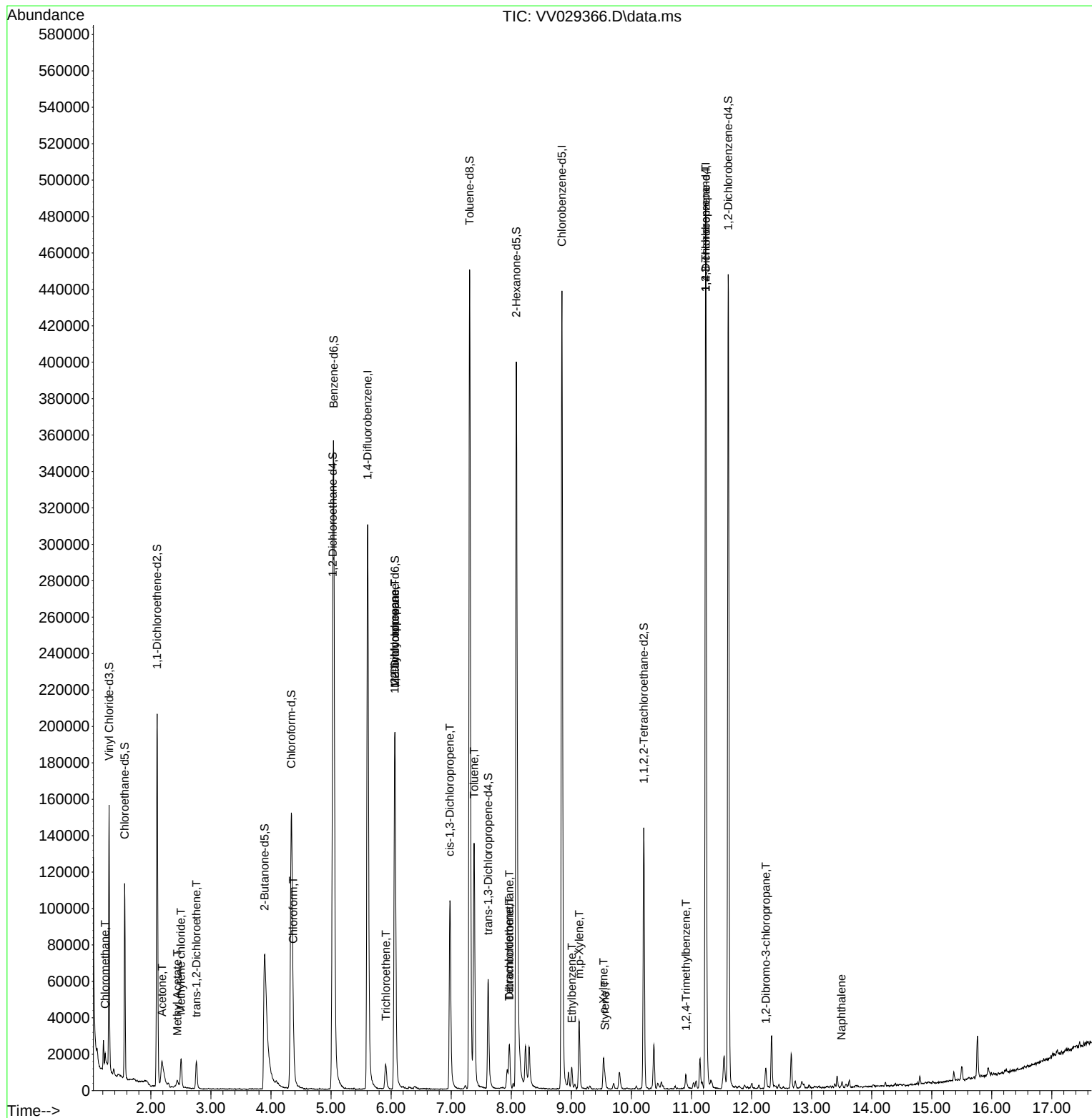
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.239	75	283	0.158	ug/L #	1
71) Naphthalene	13.497	128	1525	0.066	ug/L #	77

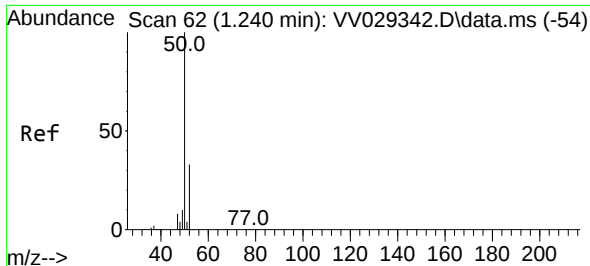
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112522\
Data File : VV029366.D
Acq On : 25 Nov 2022 19:51
Operator : SY/MD
Sample : N5759-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB80

Quant Time: Nov 25 21:34:18 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

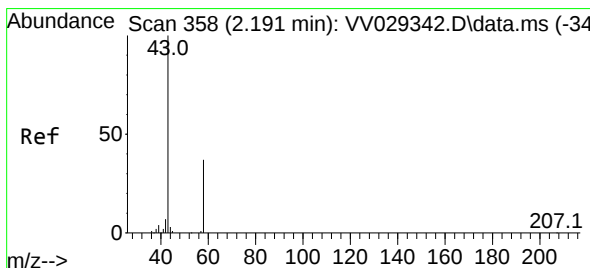
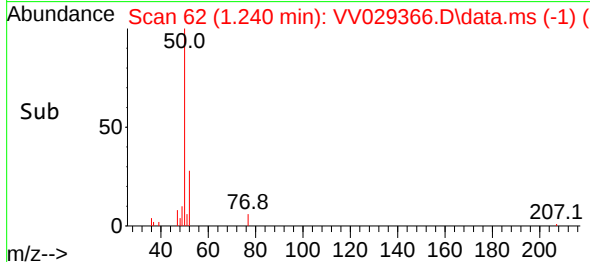
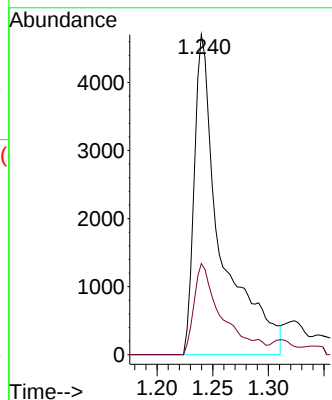
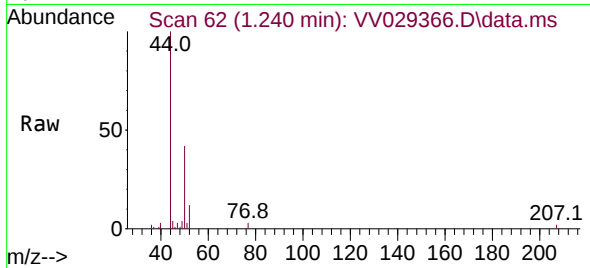




#3
Chloromethane
Concen: 0.399 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

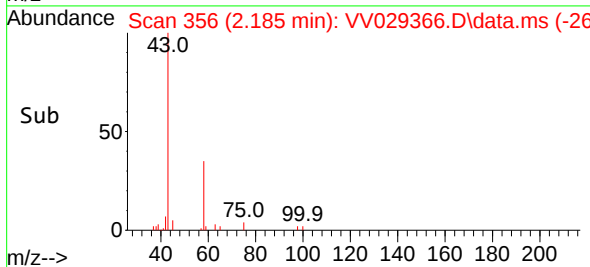
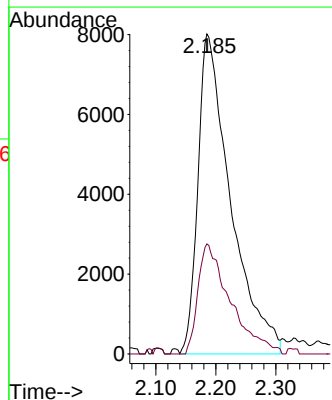
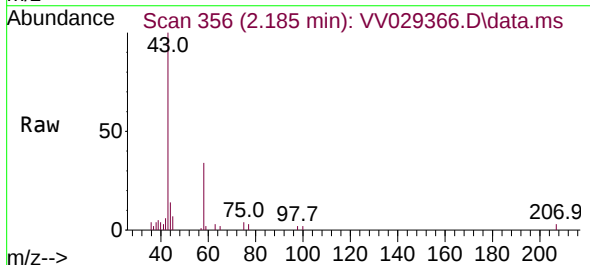
Instrument :
MSVOA_V
ClientSampleId :
BHB80

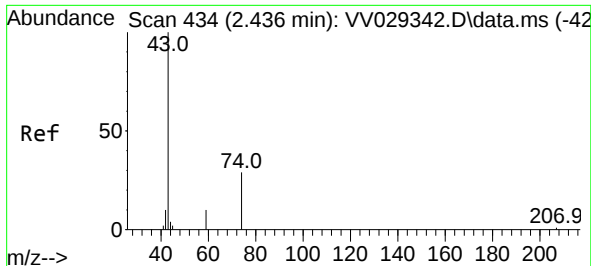
Tgt Ion: 50 Resp: 7794
Ion Ratio Lower Upper
50 100
52 28.4 23.2 43.2



#13
Acetone
Concen: 14.186 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.006 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

Tgt Ion: 43 Resp: 30344
Ion Ratio Lower Upper
43 100
58 34.0 0.0 70.8

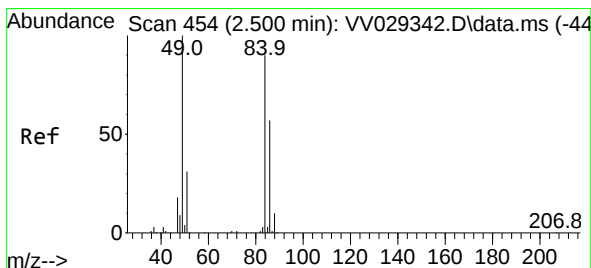
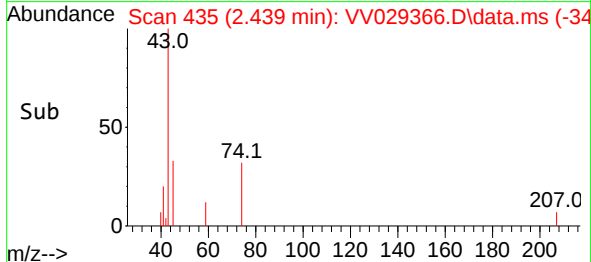
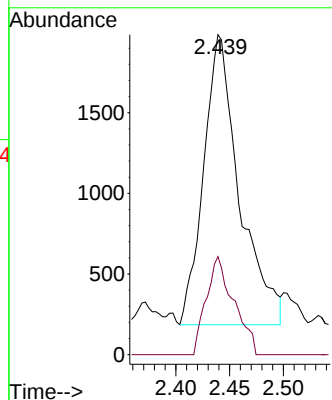
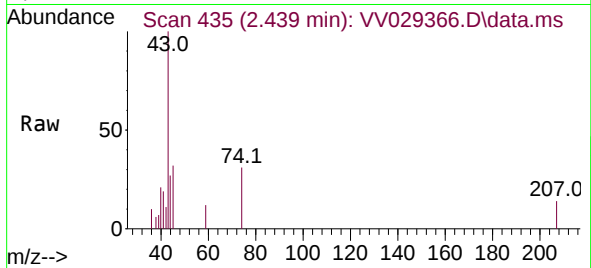




#15
Methyl Acetate
Concen: 0.675 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

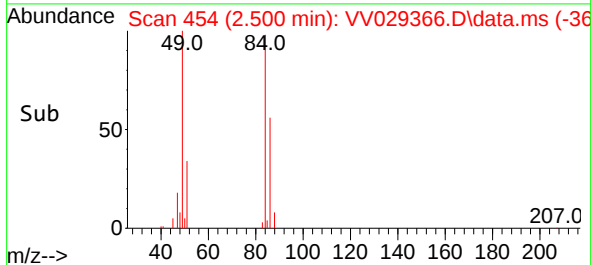
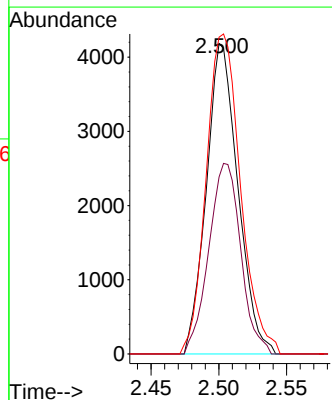
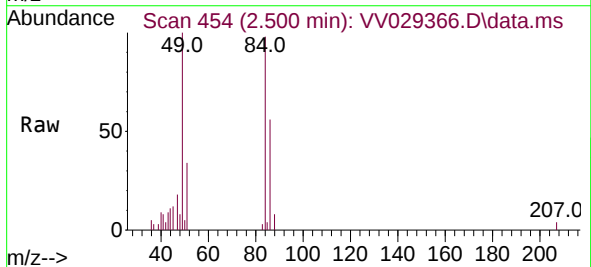
Instrument :
MSVOA_V
ClientSampleId :
BHB80

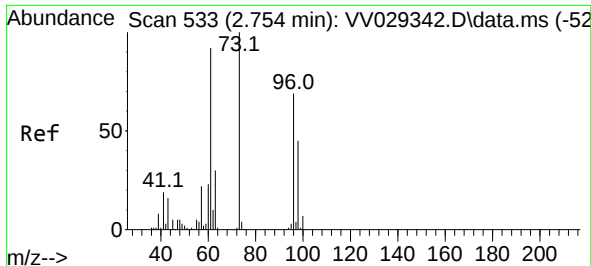
Tgt Ion: 43 Resp: 4150
Ion Ratio Lower Upper
43 100
74 26.0 19.6 29.4



#16
Methylene chloride
Concen: 0.302 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

Tgt Ion: 84 Resp: 6776
Ion Ratio Lower Upper
84 100
86 57.0 45.6 84.6
49 102.0 77.8 144.4

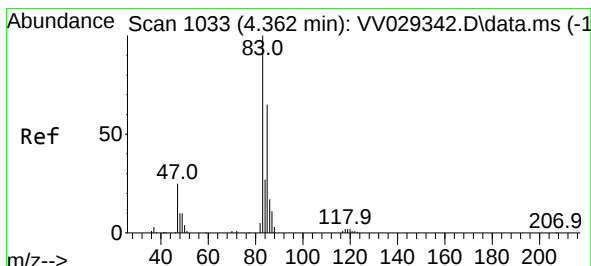
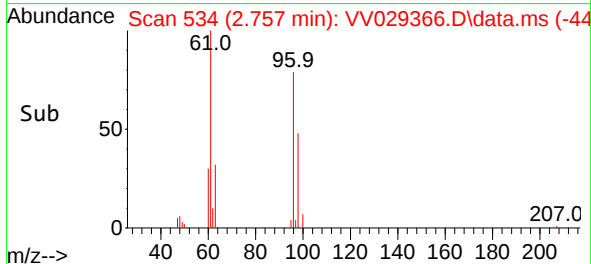
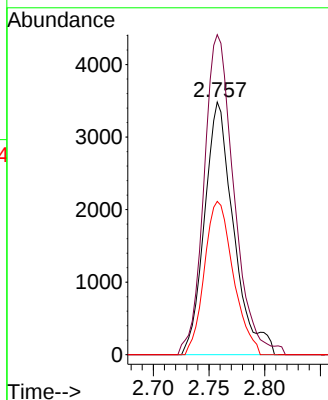
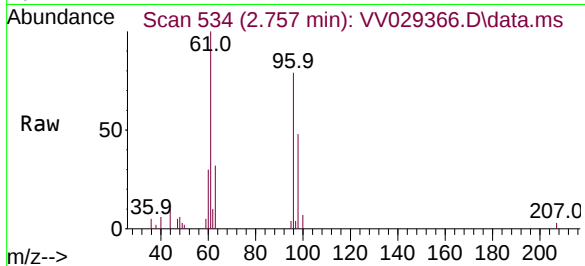




#18
trans-1,2-Dichloroethene
Concen: 0.374 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

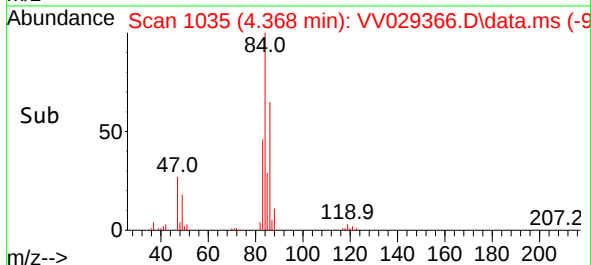
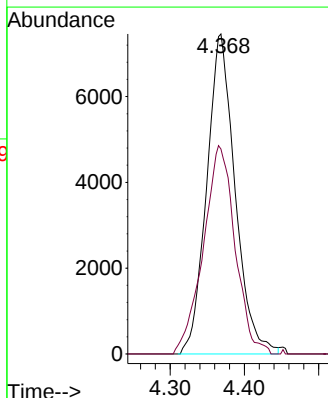
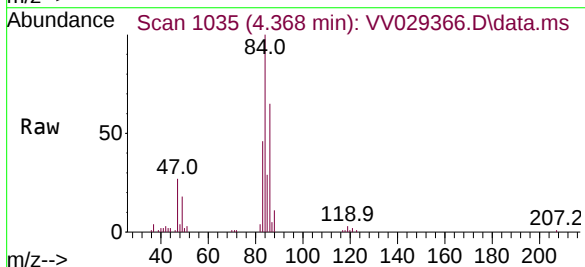
Instrument :
MSVOA_V
ClientSampleId :
BHB80

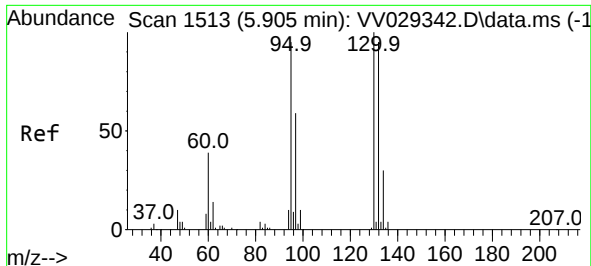
Tgt Ion: 96 Resp: 6314
Ion Ratio Lower Upper
96 100
61 126.7 93.0 172.6
98 60.7 44.0 81.8



#25
Chloroform
Concen: 0.625 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

Tgt Ion: 83 Resp: 19796
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4



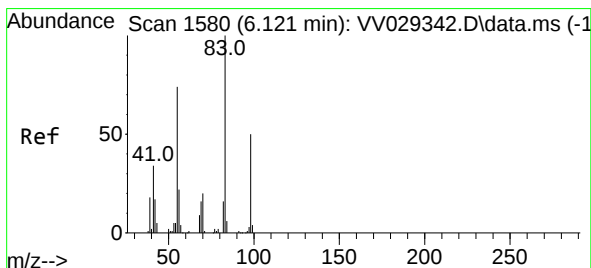
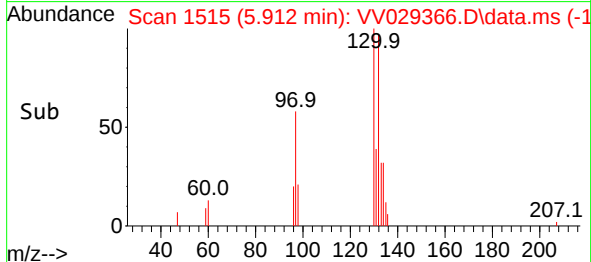
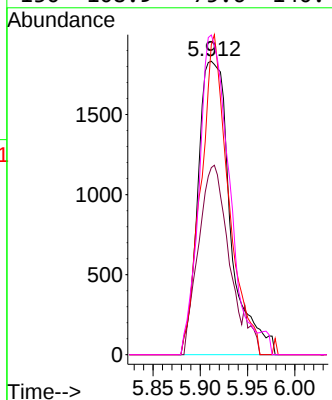
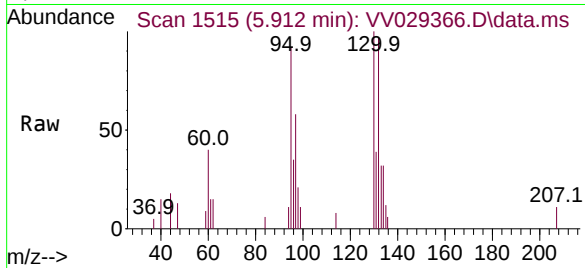


#34
Trichloroethene
Concen: 0.222 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

Instrument :
MSVOA_V
ClientSampleId :
BHB80

Tgt Ion: 95 Resp: 4370

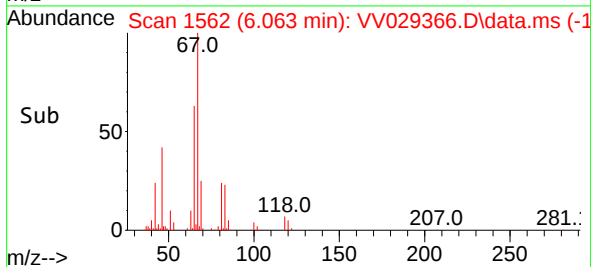
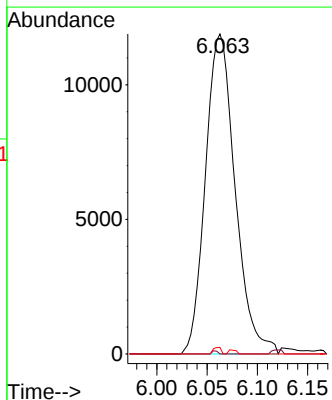
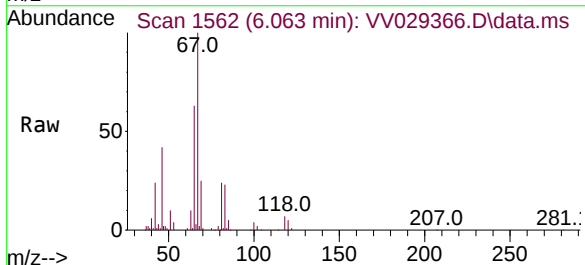
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.4	84.4
132	105.7	73.3	136.1
130	108.9	75.6	140.4

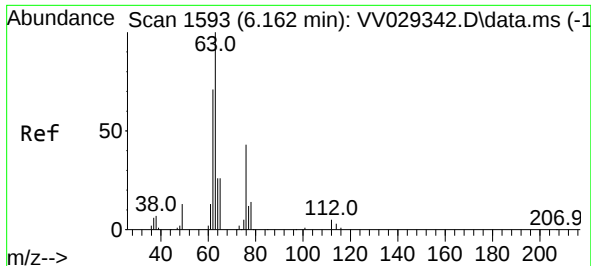


#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

Tgt Ion: 83 Resp: 24420

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.4	83.2#
98	0.5	39.4	59.2#





#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.060 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029366.D

Acq: 25 Nov 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

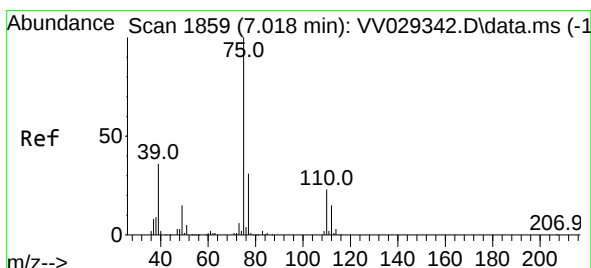
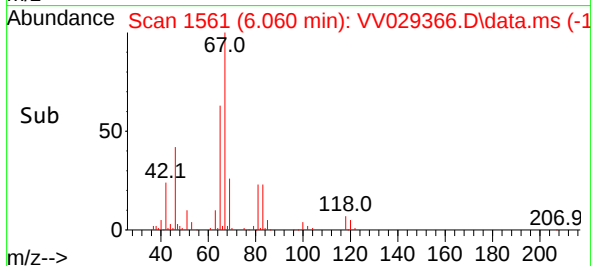
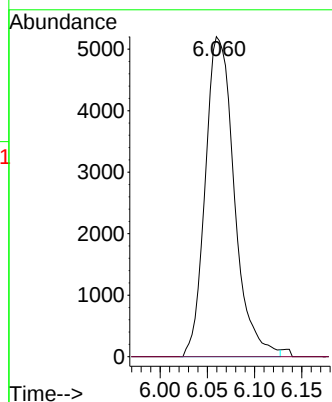
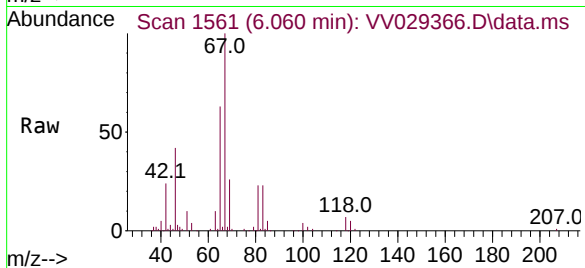
BHB80

Tgt Ion: 63 Resp: 11108

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.038 min

Lab File: VV029366.D

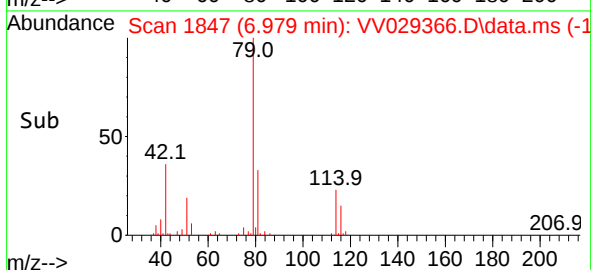
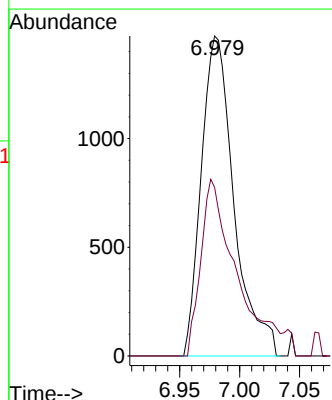
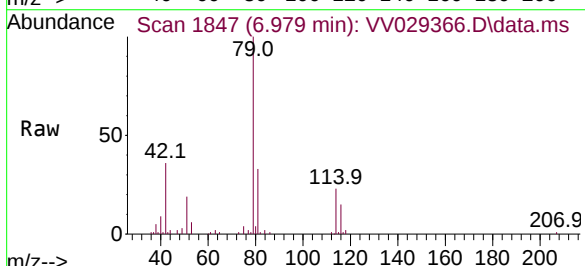
Acq: 25 Nov 2022 19:51

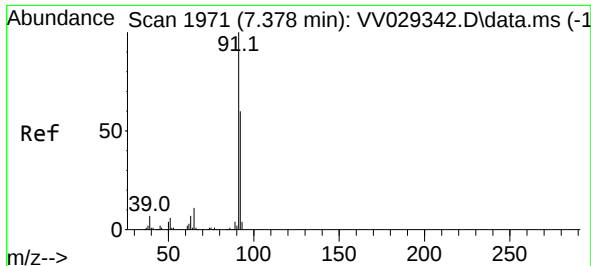
Tgt Ion: 75 Resp: 2793

Ion Ratio Lower Upper

75 100

77 52.7 22.7 42.3#





#42

Toluene

Concen: 1.252 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029366.D

Acq: 25 Nov 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

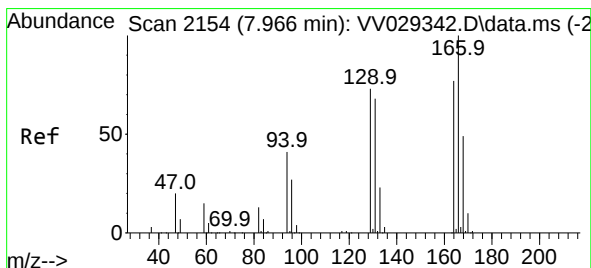
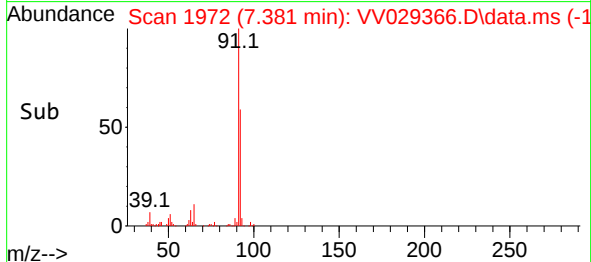
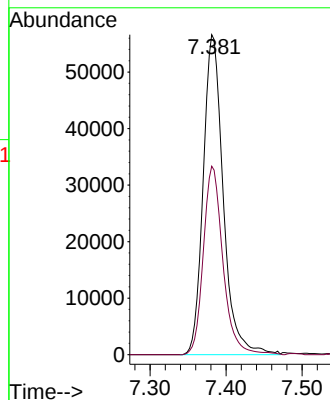
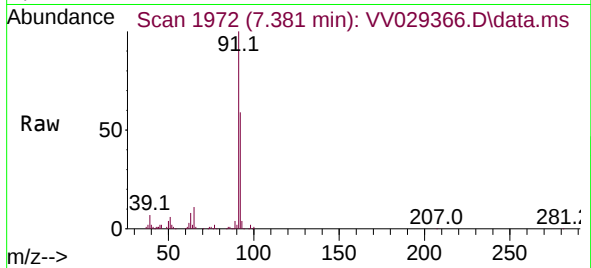
BHB80

Tgt Ion: 91 Resp: 103762

Ion Ratio Lower Upper

91 100

92 58.9 40.8 75.8



#47

Tetrachloroethene

Concen: 0.362 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VV029366.D

Acq: 25 Nov 2022 19:51

Tgt Ion: 164 Resp: 5851

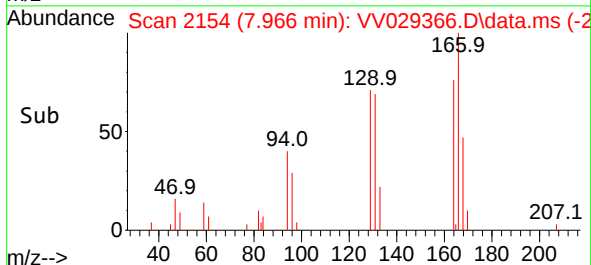
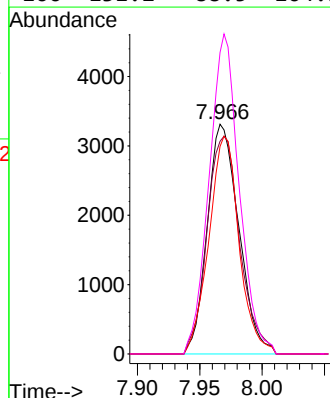
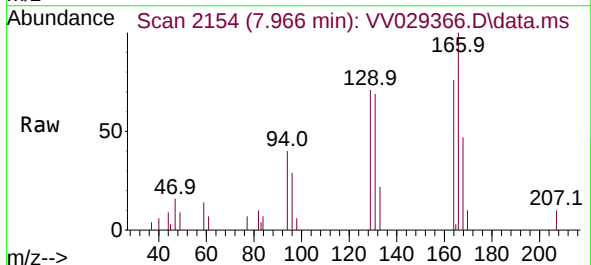
Ion Ratio Lower Upper

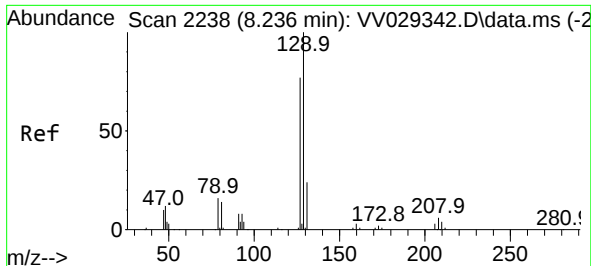
164 100

129 92.6 61.7 114.7

131 90.3 62.9 116.9

166 131.2 88.5 164.3





#49

Dibromochloromethane

Concen: 0.408 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029366.D

Acq: 25 Nov 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

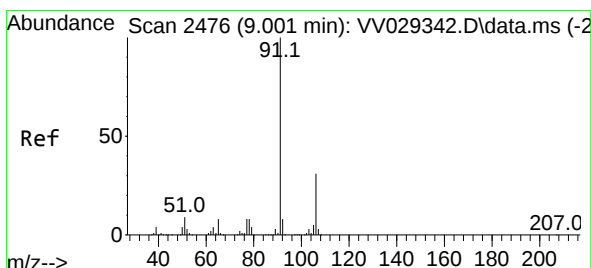
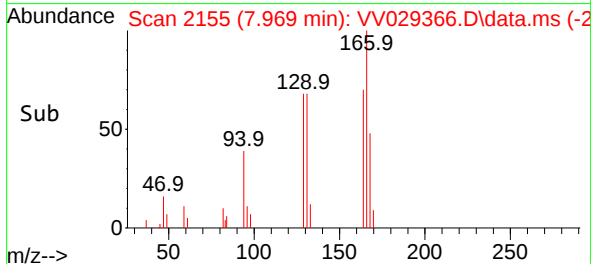
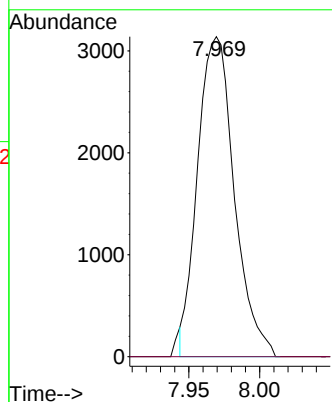
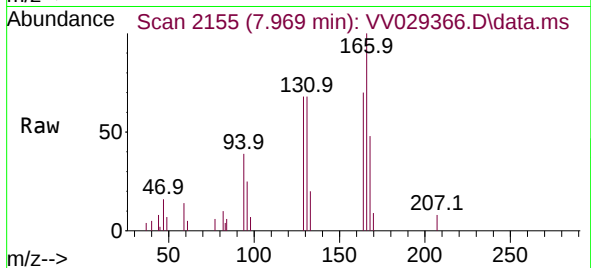
BHB80

Tgt Ion:129 Resp: 5653

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



#52

Ethylbenzene

Concen: 0.102 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.007 min

Lab File: VV029366.D

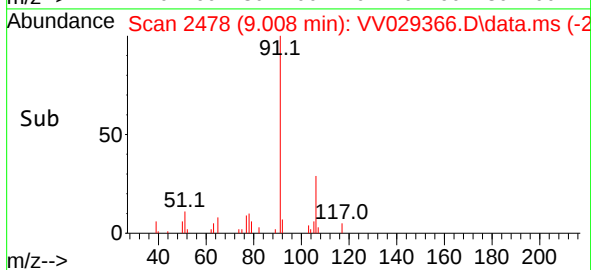
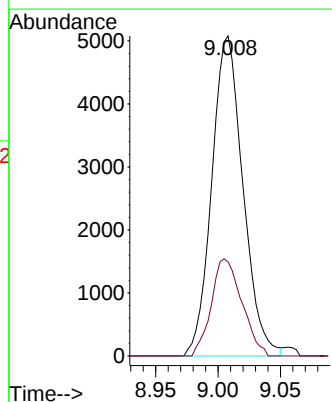
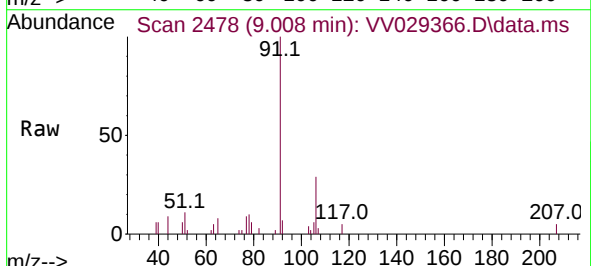
Acq: 25 Nov 2022 19:51

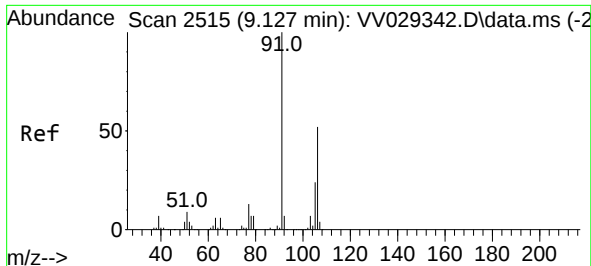
Tgt Ion: 91 Resp: 8849

Ion Ratio Lower Upper

91 100

106 29.4 21.9 40.7

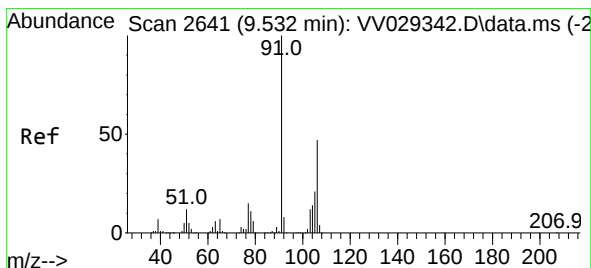
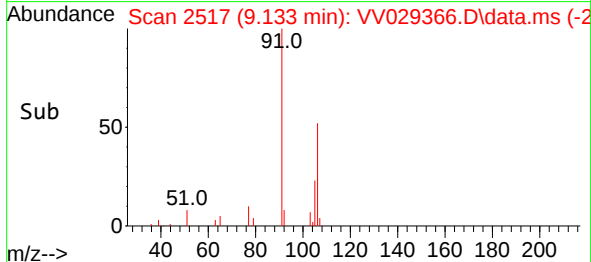
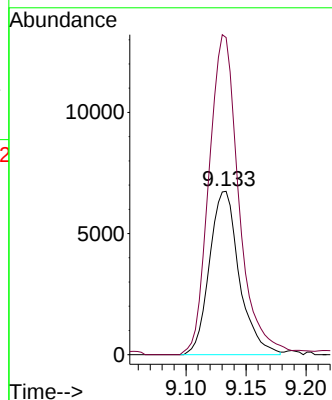
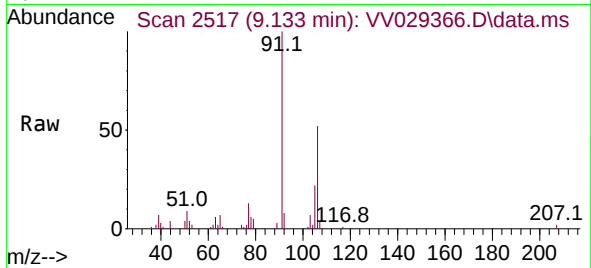




#53
m,p-Xylene
Concen: 0.342 ug/L
RT: 9.133 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

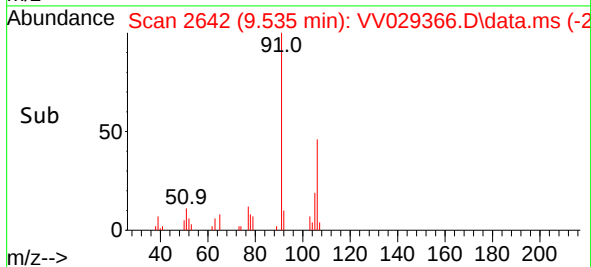
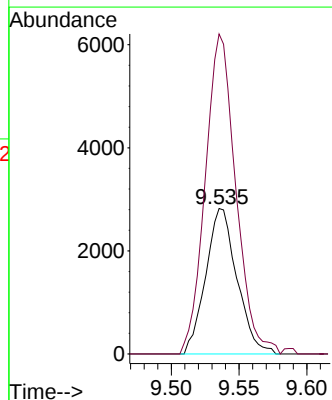
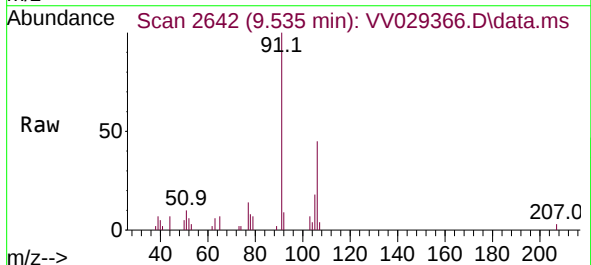
Instrument :
MSVOA_V
ClientSampleId :
BHB80

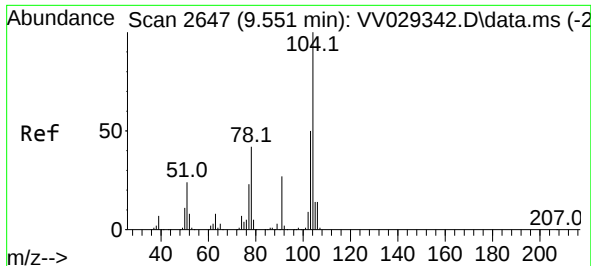
Tgt Ion:106 Resp: 11651
Ion Ratio Lower Upper
106 100
91 194.2 140.6 261.2



#54
o-Xylene
Concen: 0.135 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

Tgt Ion:106 Resp: 4520
Ion Ratio Lower Upper
106 100
91 219.9 146.9 272.9

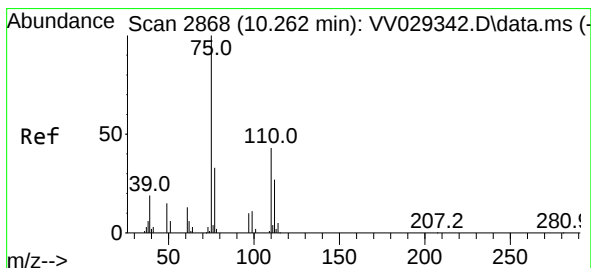
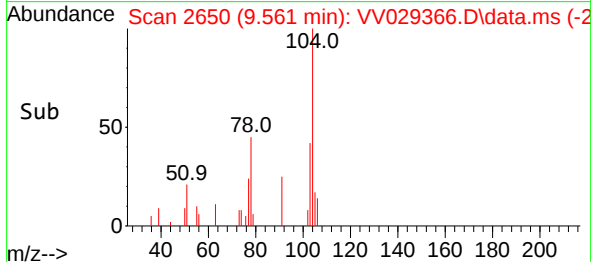
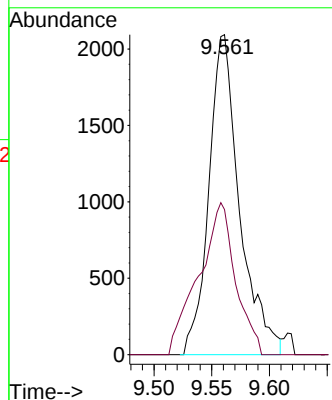
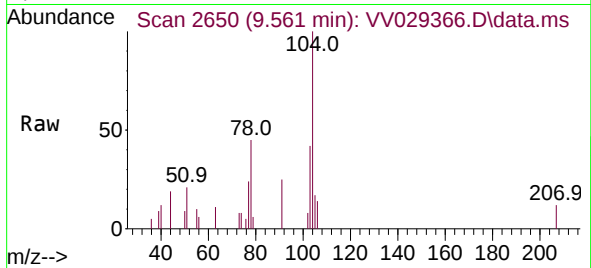




#55
Styrene
Concen: 0.069 ug/L
RT: 9.561 min Scan# 20
Delta R.T. 0.010 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

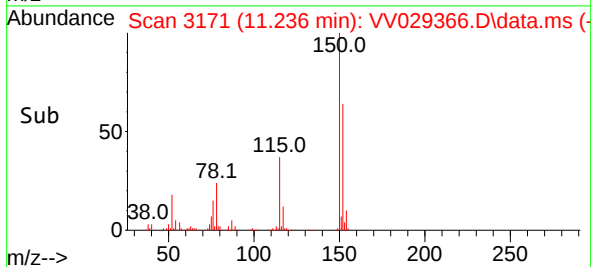
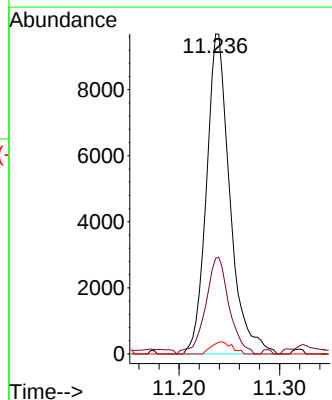
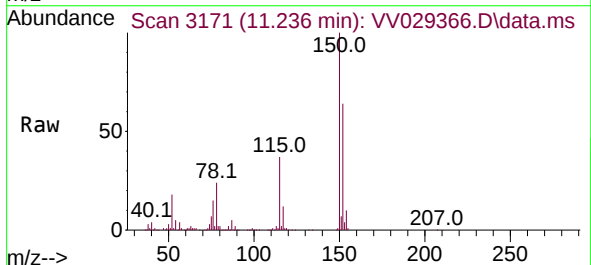
Instrument :
MSVOA_V
ClientSampleId :
BHB80

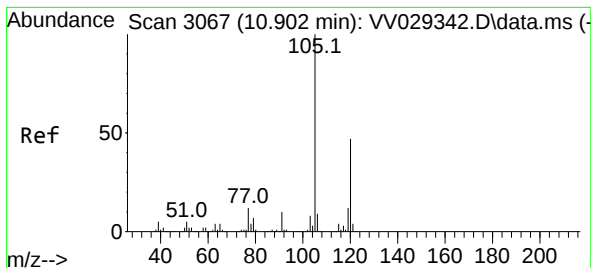
Tgt Ion:104 Resp: 3874
Ion Ratio Lower Upper
104 100
78 45.4 29.9 55.5



#61
1,2,3-Trichloropropane
Concen: 1.717 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

Tgt Ion: 75 Resp: 15681
Ion Ratio Lower Upper
75 100
77 30.1 26.7 40.1
110 3.3 32.2 48.4#





#63

1,2,4-Trimethylbenzene

Concen: 0.062 ug/L

RT: 10.908 min Scan# 3067

Delta R.T. 0.007 min

Lab File: VV029366.D

Acq: 25 Nov 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

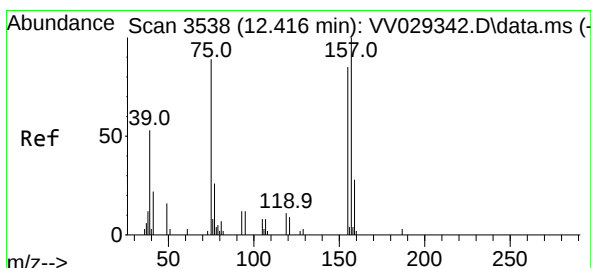
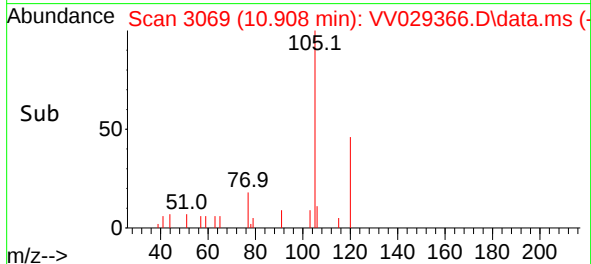
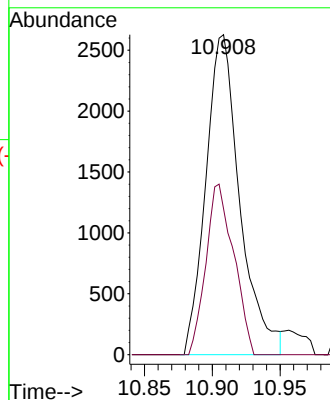
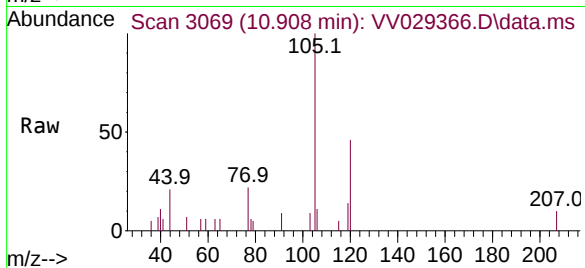
BHB80

Tgt Ion:105 Resp: 4585

Ion Ratio Lower Upper

105 100

120 43.5 37.2 55.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.158 ug/L

RT: 12.239 min Scan# 3483

Delta R.T. -0.177 min

Lab File: VV029366.D

Acq: 25 Nov 2022 19:51

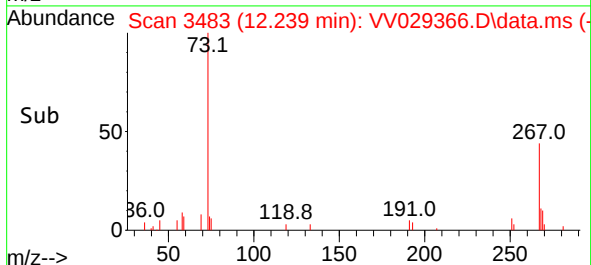
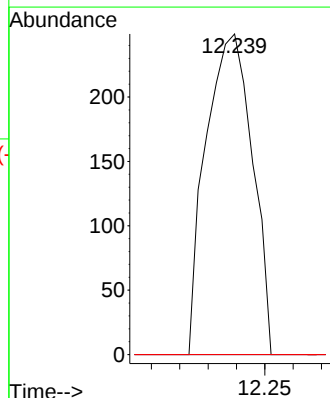
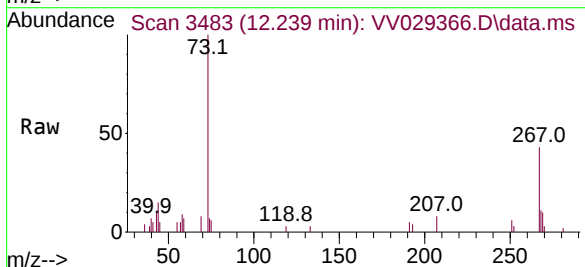
Tgt Ion: 75 Resp: 283

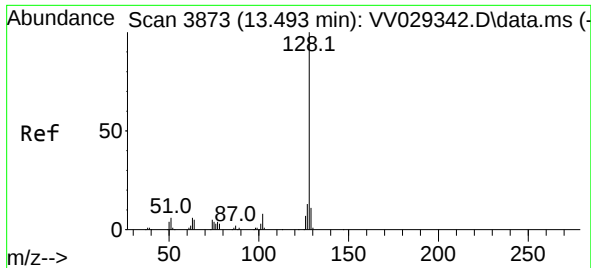
Ion Ratio Lower Upper

75 100

155 0.0 76.6 115.0#

157 0.0 96.9 145.3#





#71
Naphthalene
Concen: 0.066 ug/L
RT: 13.497 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029366.D
Acq: 25 Nov 2022 19:51

Instrument :
MSVOA_V
ClientSampleId :
BHB80

Tgt Ion:128 Resp: 1525
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 6.0 10.6 15.8#

