

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029367.D
 Acq On : 25 Nov 2022 20:16
 Operator : SY/MD
 Sample : N5759-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB81

Quant Time: Nov 25 21:34:32 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	297012	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	262314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	134802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81189	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.565	69	63064	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.105	63	97642	3.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.915	46	154263	50.451	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.900%
24) Chloroform-d	4.339	84	151473	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.027	65	71308	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.043	84	331903	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.063	67	98508	4.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.307	98	298549	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.616	79	36206	4.610	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	150204	53.651	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.300%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66645	5.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	113024	4.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	7635	0.376	ug/L	93
13) Acetone	2.214	43	26621	11.974	ug/L	69
15) Methyl Acetate	2.446	43	3612	0.565	ug/L #	86
16) Methylene chloride	2.500	84	7072	0.303	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	7162	0.409	ug/L	94
25) Chloroform	4.371	83	21232	0.645	ug/L	99
34) Trichloroethene	5.912	95	4587	0.229	ug/L	95
35) Methylcyclohexane	6.063	83	23598	0.699	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10187	0.551	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2371	0.088	ug/L #	56
42) Toluene	7.381	91	115730	1.374	ug/L	97
47) Tetrachloroethene	7.969	164	6861	0.418	ug/L	97
49) Dibromochloromethane	7.969	129	6022	0.428	ug/L #	11
52) Ethylbenzene	9.008	91	9931	0.113	ug/L	92
53) m,p-Xylene	9.130	106	12875	0.372	ug/L	94
54) o-Xylene	9.535	106	5038	0.148	ug/L	99
55) Styrene	9.558	104	4101	0.071	ug/L	94
61) 1,2,3-Trichloropropane	11.236	75	15932	1.704	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.905	105	4857	0.064	ug/L	92

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 25 21:27:54 2022
Response via : Initial Calibration

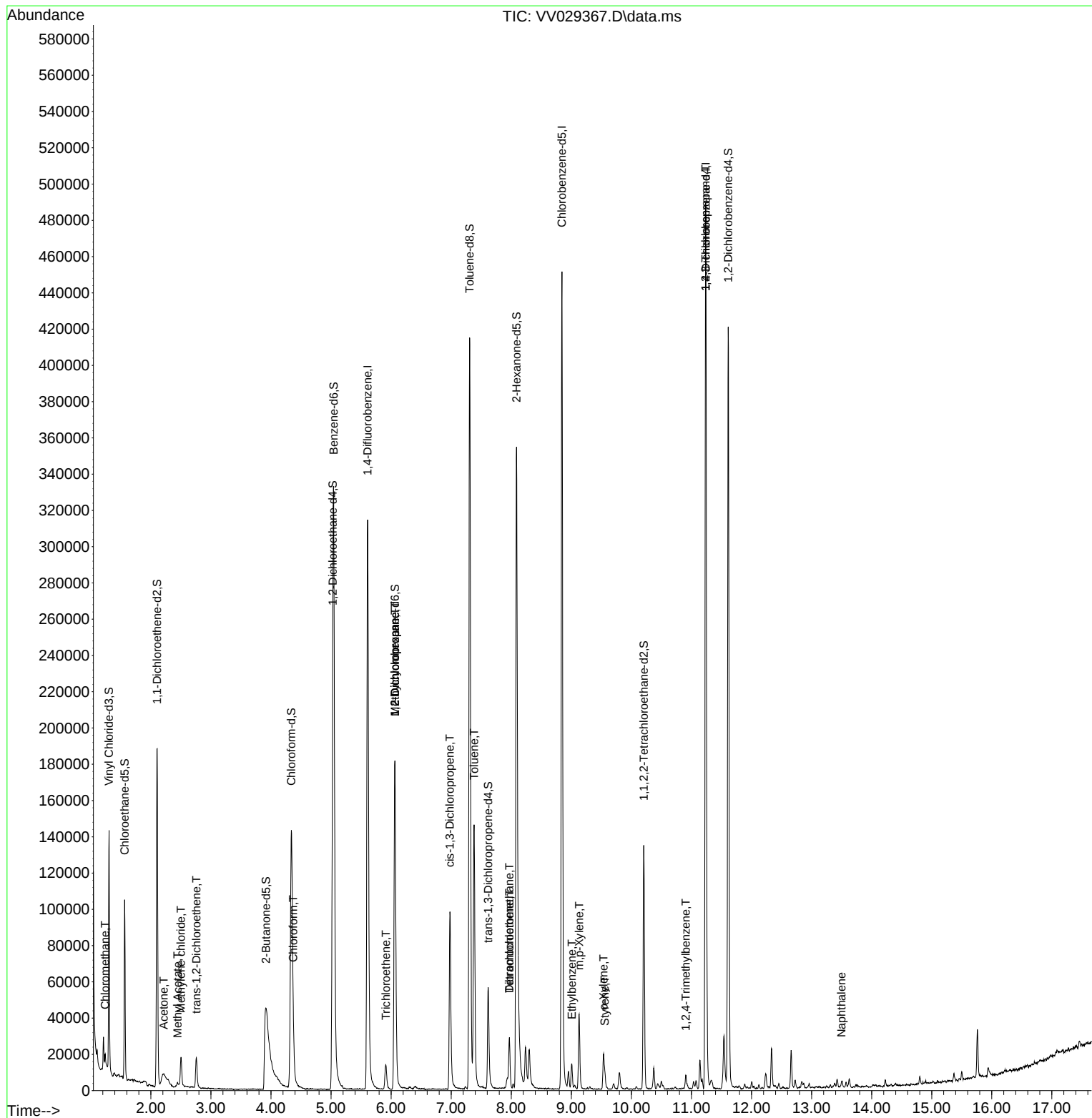
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Naphthalene	13.497	128	2058	0.088	ug/L #	90

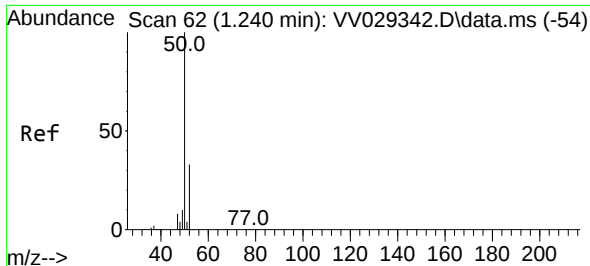
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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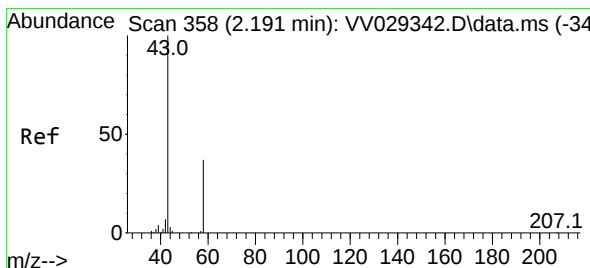
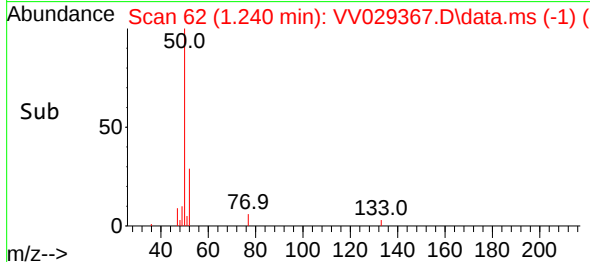
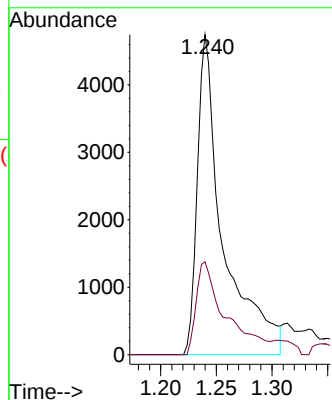
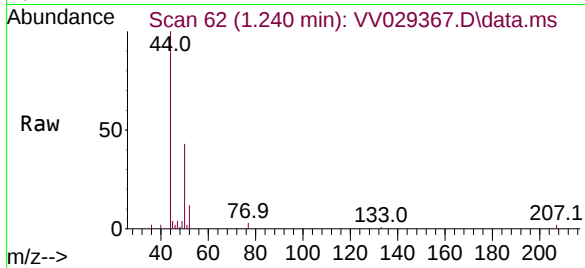




#3
Chloromethane
Concen: 0.376 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

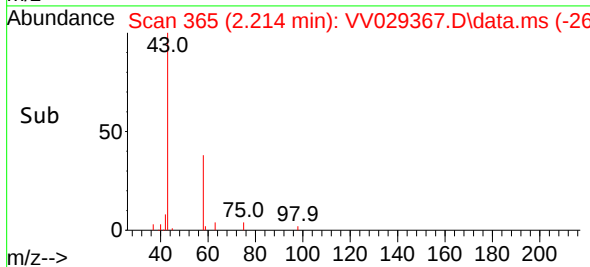
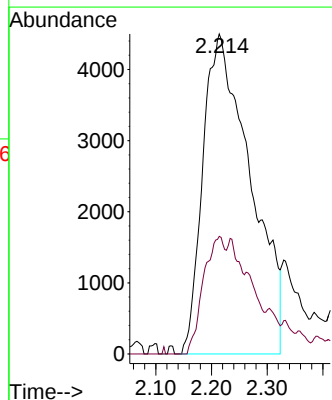
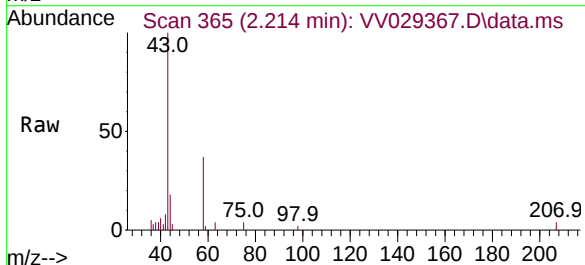
Instrument :
MSVOA_V
ClientSampleId :
BHB81

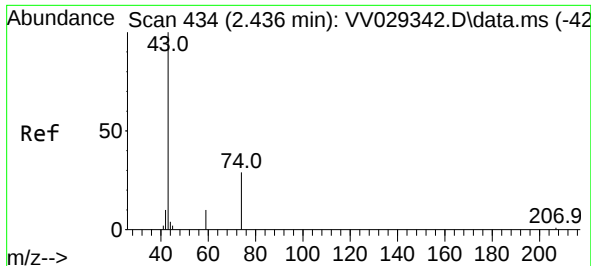
Tgt Ion: 50 Resp: 7635
Ion Ratio Lower Upper
50 100
52 29.0 23.2 43.2



#13
Acetone
Concen: 11.974 ug/L
RT: 2.214 min Scan# 365
Delta R.T. 0.023 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

Tgt Ion: 43 Resp: 26621
Ion Ratio Lower Upper
43 100
58 17.0 0.0 70.8

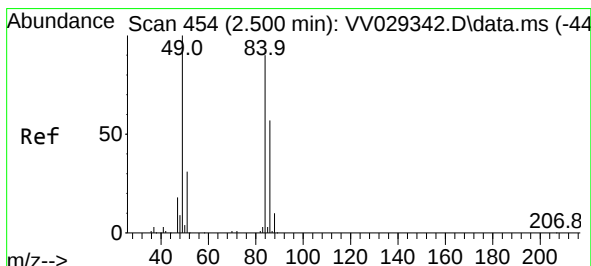
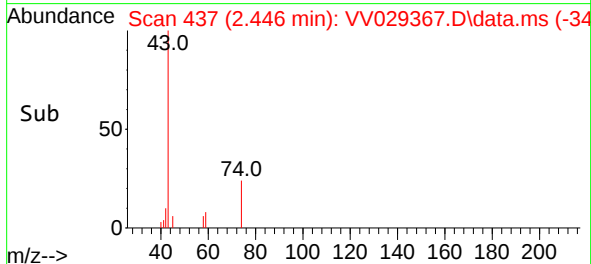
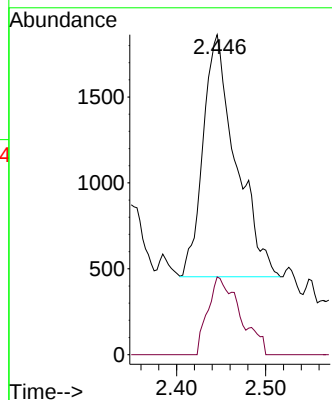
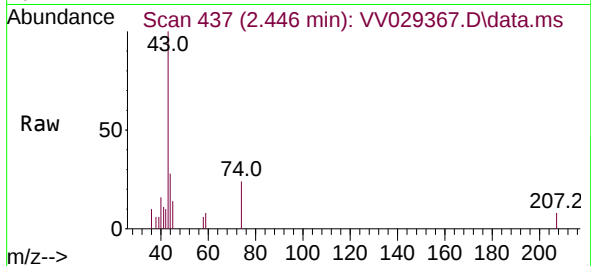




#15
Methyl Acetate
Concen: 0.565 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

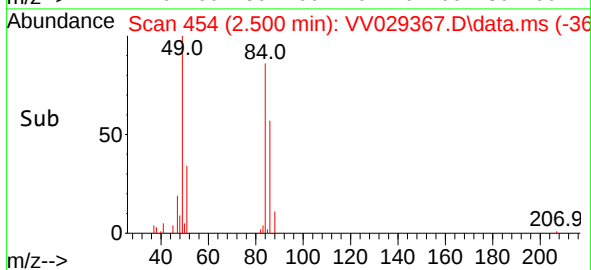
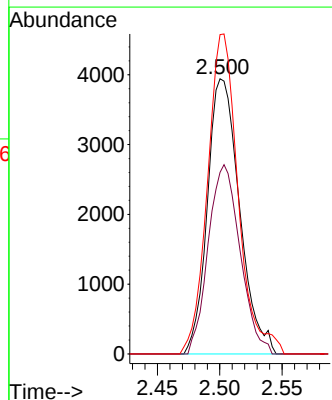
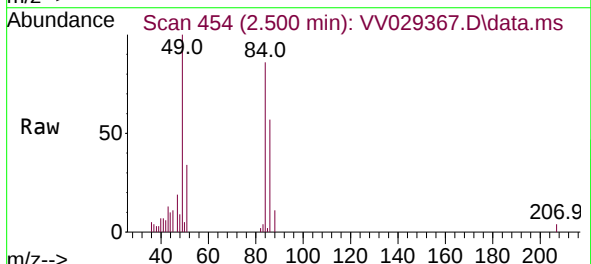
Instrument :
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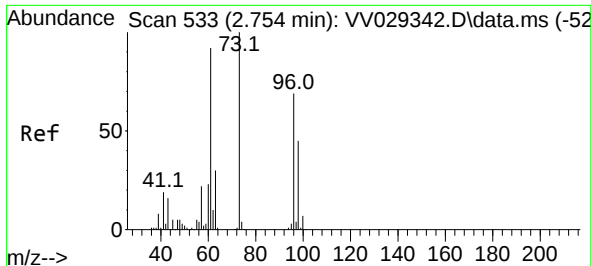
Tgt Ion: 43 Resp: 3612
Ion Ratio Lower Upper
43 100
74 31.5 19.6 29.4#



#16
Methylene chloride
Concen: 0.303 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

Tgt Ion: 84 Resp: 7072
Ion Ratio Lower Upper
84 100
86 66.0 45.6 84.6
49 116.1 77.8 144.4

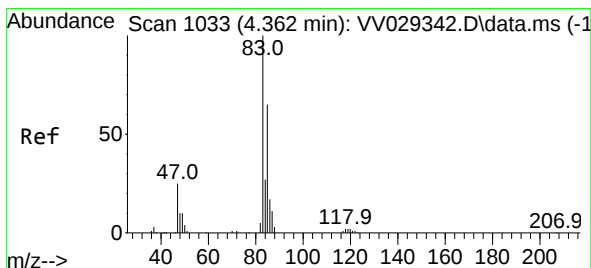
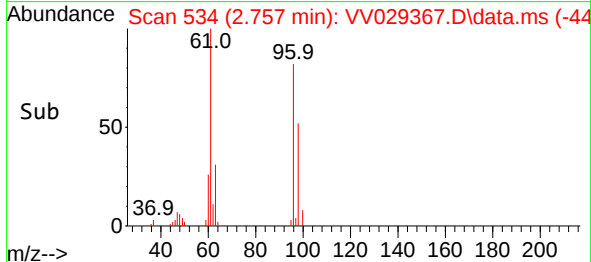
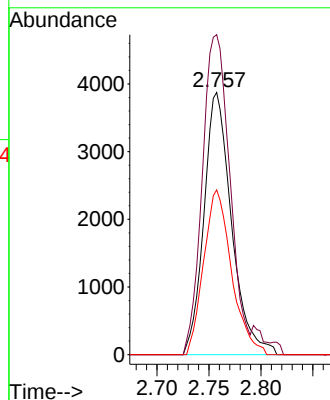
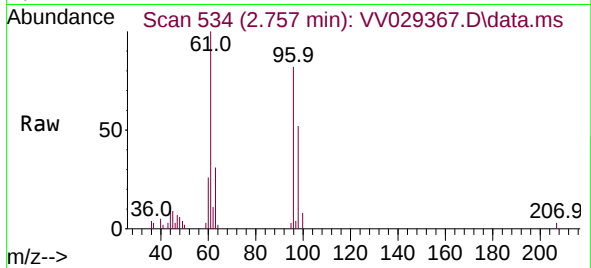




#18
trans-1,2-Dichloroethene
Concen: 0.409 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

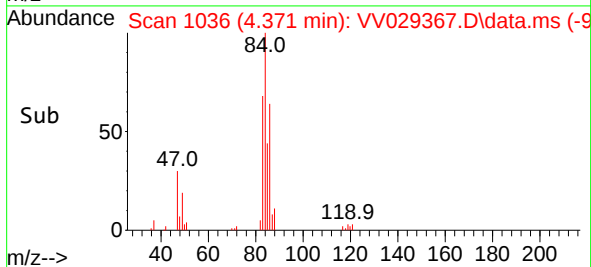
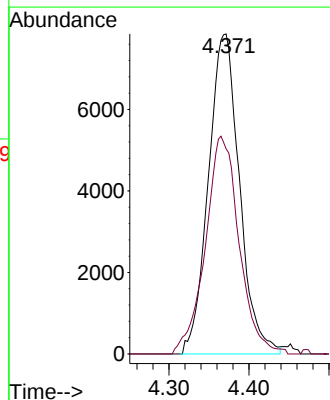
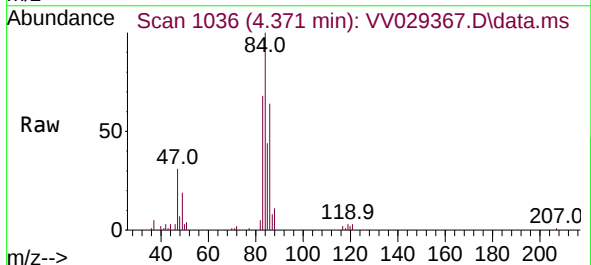
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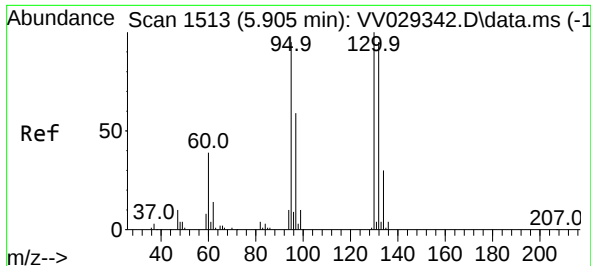
Tgt Ion: 96 Resp: 7162
Ion Ratio Lower Upper
96 100
61 122.0 93.0 172.6
98 62.8 44.0 81.8



#25
Chloroform
Concen: 0.645 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

Tgt Ion: 83 Resp: 21232
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.4

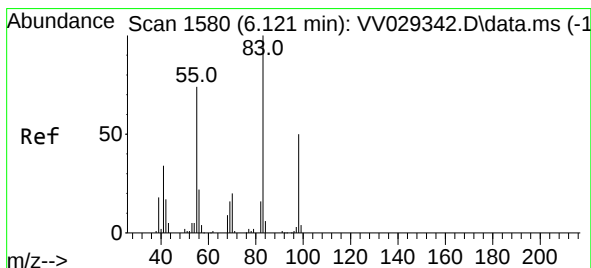
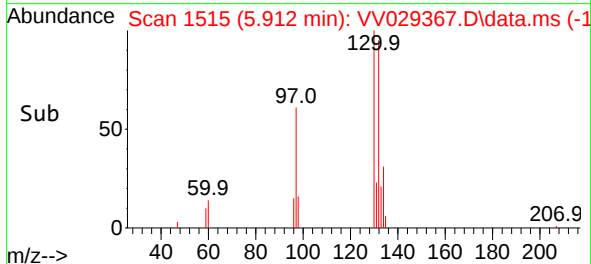
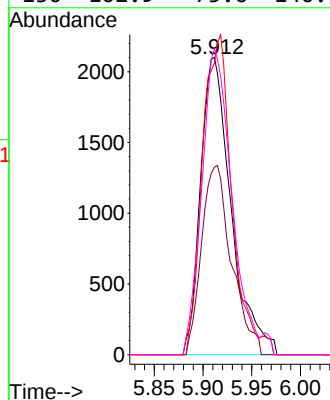
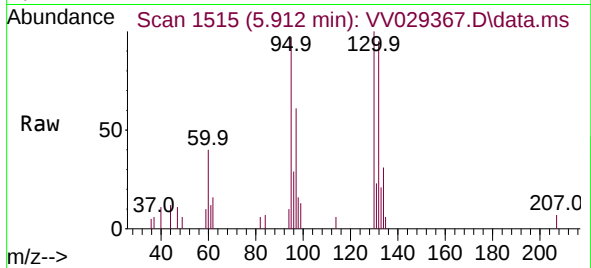




#34
 Trichloroethene
 Concen: 0.229 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.007 min
 Lab File: VV029367.D
 Acq: 25 Nov 2022 20:16

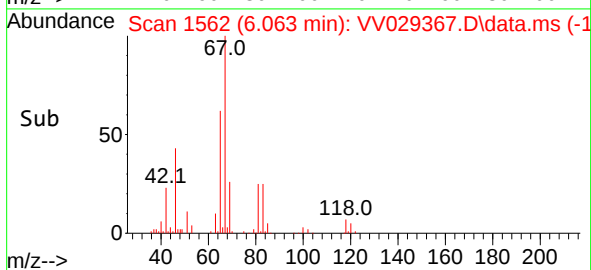
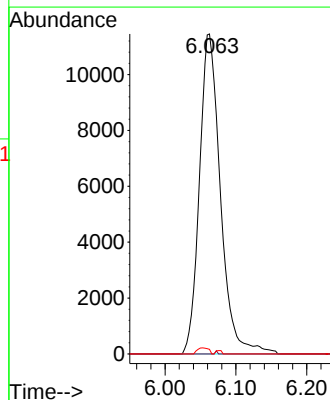
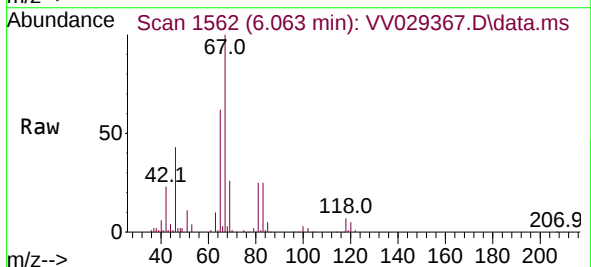
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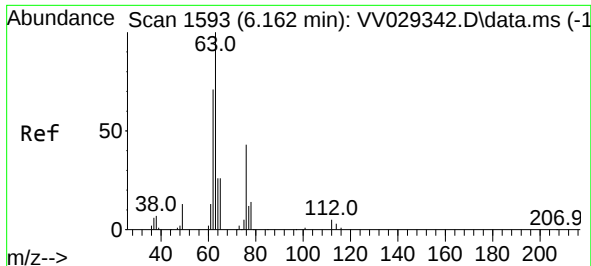
Tgt Ion:	95	Resp:	4587
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.4	84.4
132	98.2	73.3	136.1
130	102.9	75.6	140.4



#35
 Methylcyclohexane
 Concen: 0.699 ug/L
 RT: 6.063 min Scan# 1562
 Delta R.T. -0.058 min
 Lab File: VV029367.D
 Acq: 25 Nov 2022 20:16

Tgt Ion:	83	Resp:	23598
Ion	Ratio	Lower	Upper
83	100		
55	0.1	55.4	83.2#
98	0.3	39.4	59.2#





#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029367.D

Acq: 25 Nov 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

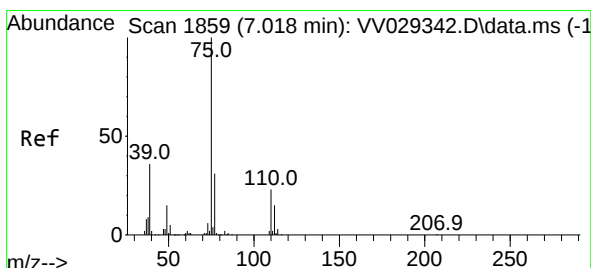
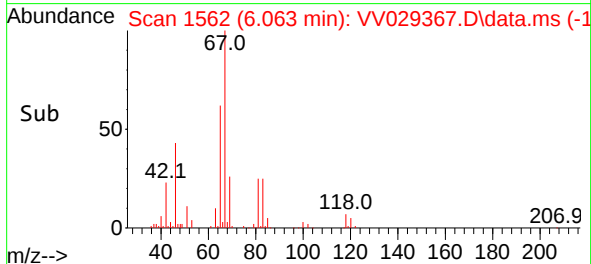
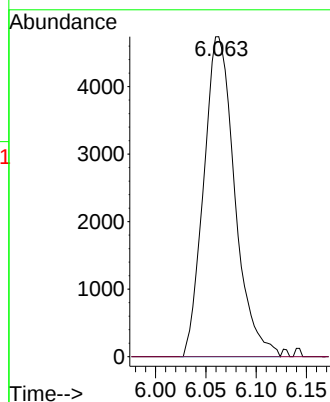
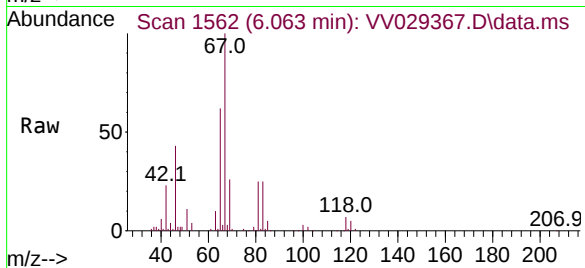
BHB81

Tgt Ion: 63 Resp: 10187

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.038 min

Lab File: VV029367.D

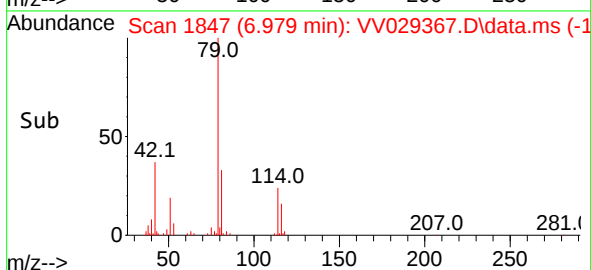
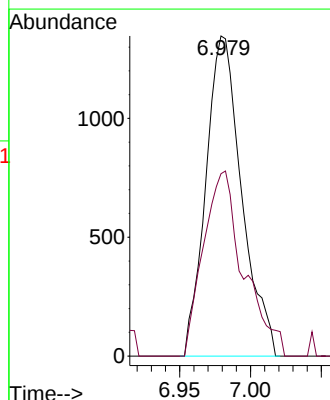
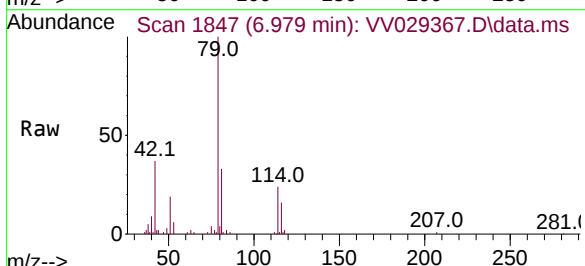
Acq: 25 Nov 2022 20:16

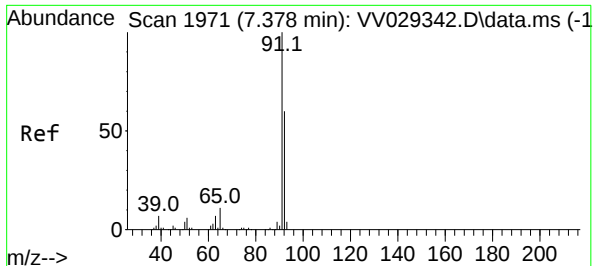
Tgt Ion: 75 Resp: 2371

Ion Ratio Lower Upper

75 100

77 56.9 22.7 42.3#

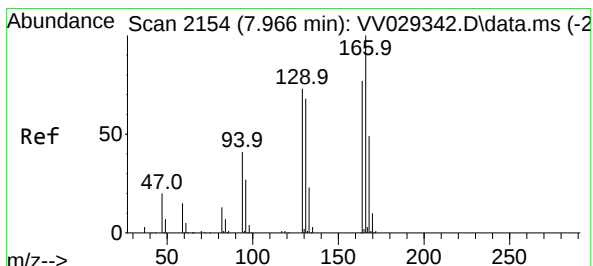
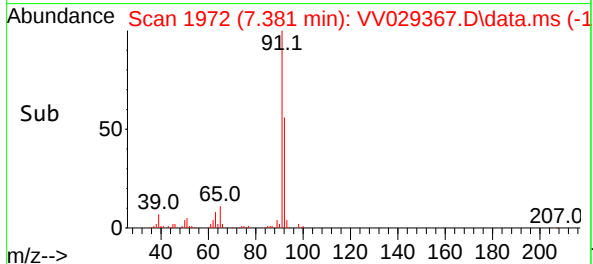
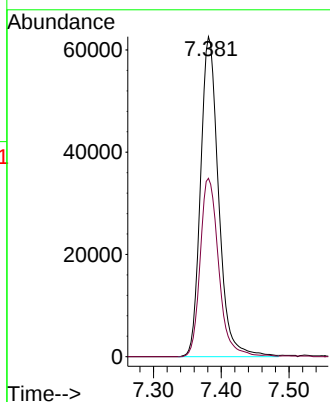
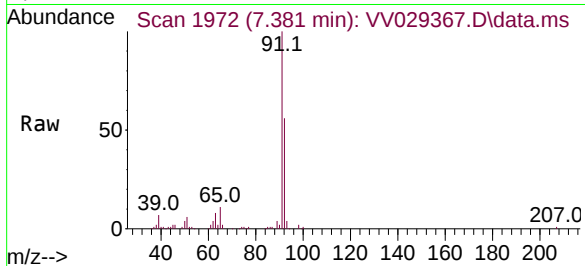




#42
Toluene
Concen: 1.374 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

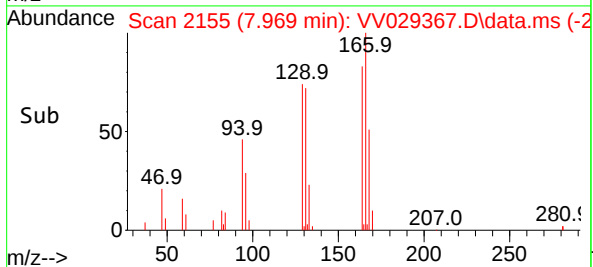
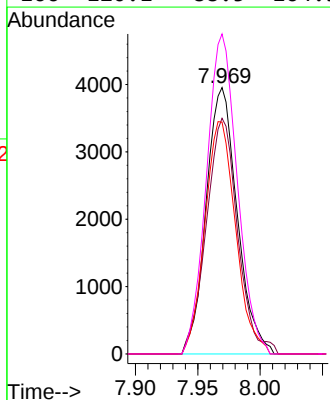
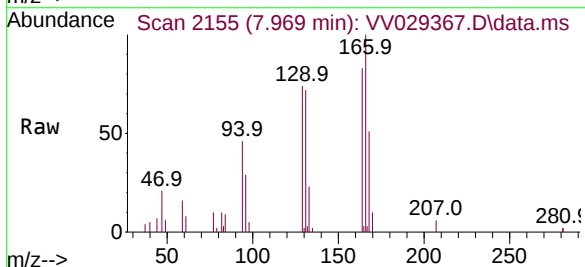
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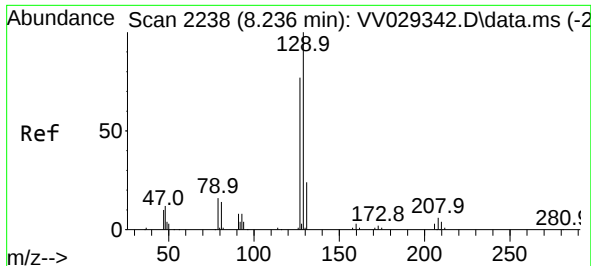
Tgt Ion: 91 Resp: 115730
Ion Ratio Lower Upper
91 100
92 55.8 40.8 75.8



#47
Tetrachloroethene
Concen: 0.418 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

Tgt Ion: 164 Resp: 6861
Ion Ratio Lower Upper
164 100
129 88.5 61.7 114.7
131 87.1 62.9 116.9
166 120.1 88.5 164.3

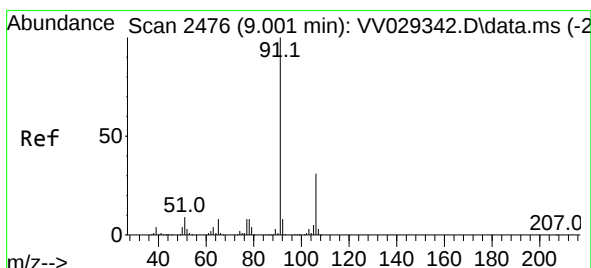
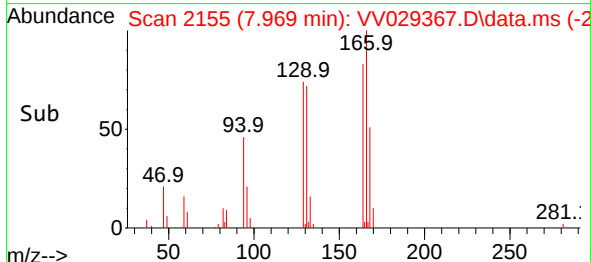
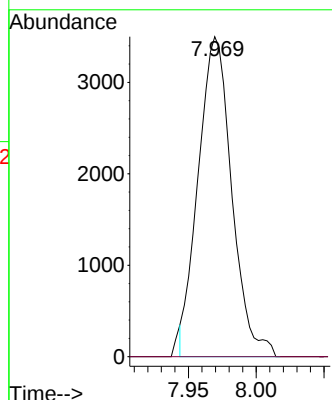
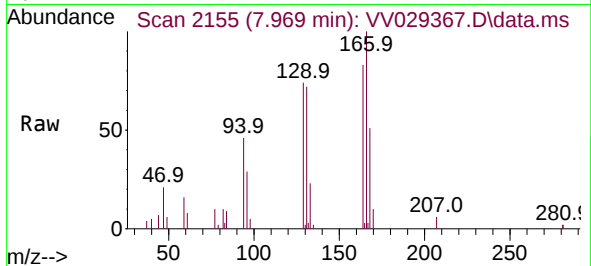




#49
Dibromochloromethane
Concen: 0.428 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

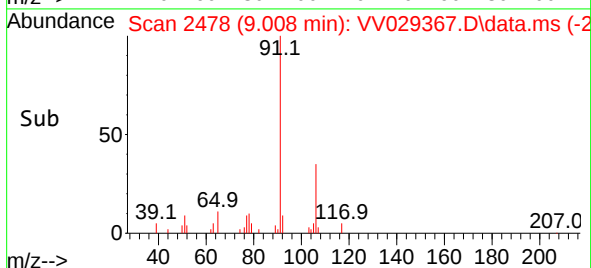
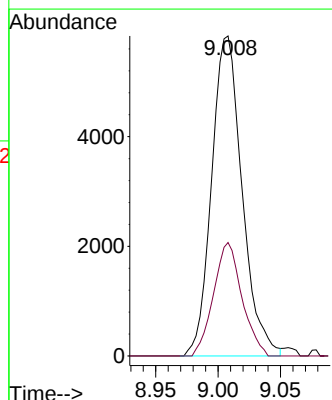
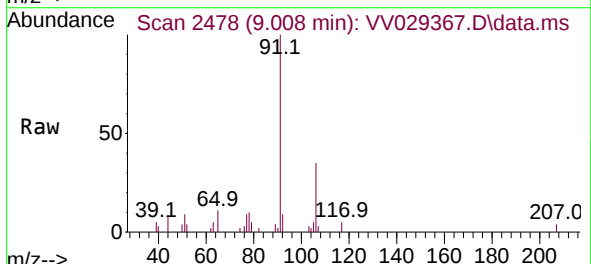
Instrument :
MSVOA_V
ClientSampleId :
BHB81

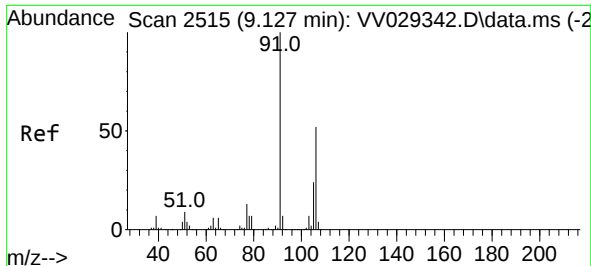
Tgt Ion:129 Resp: 6022
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.7#



#52
Ethylbenzene
Concen: 0.113 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.007 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

Tgt Ion: 91 Resp: 9931
Ion Ratio Lower Upper
91 100
106 35.4 21.9 40.7

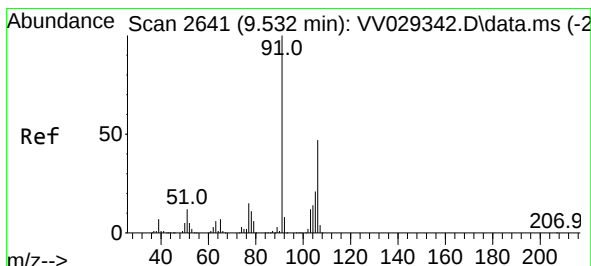
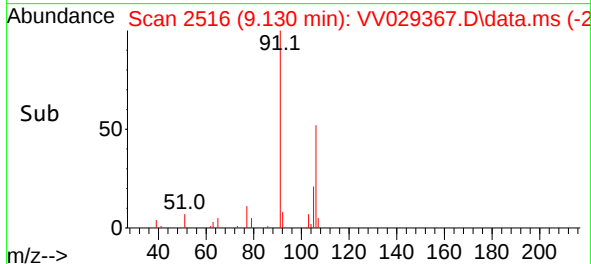
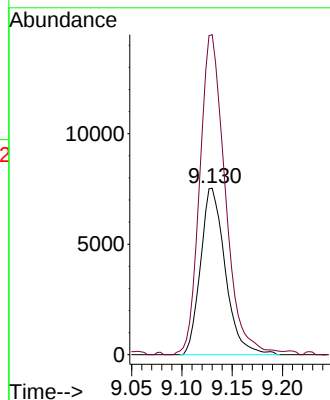
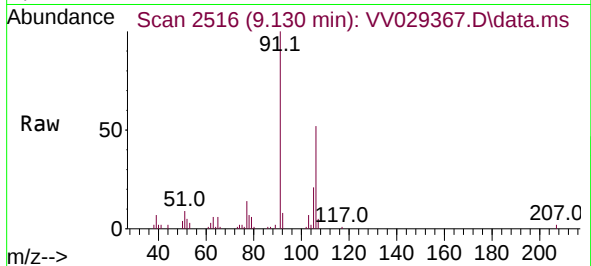




#53
m,p-Xylene
Concen: 0.372 ug/L
RT: 9.130 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

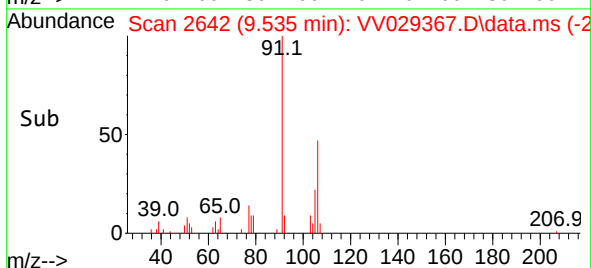
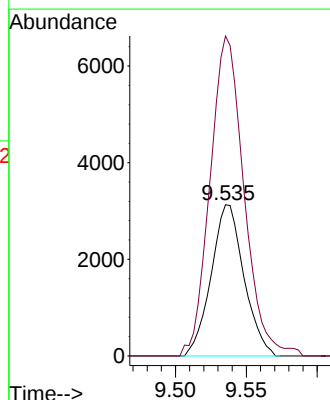
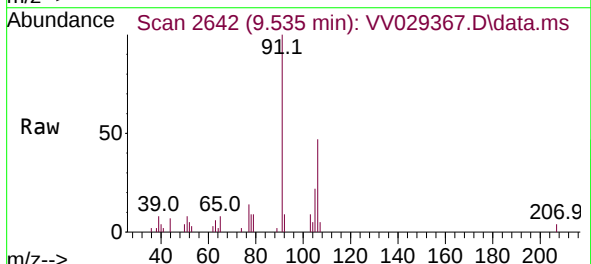
Instrument :
MSVOA_V
ClientSampleId :
BHB81

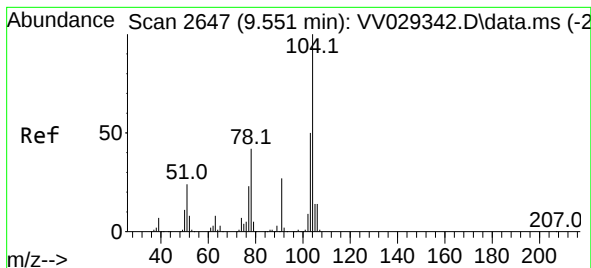
Tgt Ion:106 Resp: 12875
Ion Ratio Lower Upper
106 100
91 192.2 140.6 261.2



#54
o-Xylene
Concen: 0.148 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029367.D
Acq: 25 Nov 2022 20:16

Tgt Ion:106 Resp: 5038
Ion Ratio Lower Upper
106 100
91 211.7 146.9 272.9





#55

Styrene

Concen: 0.071 ug/L

RT: 9.558 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV029367.D

Acq: 25 Nov 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

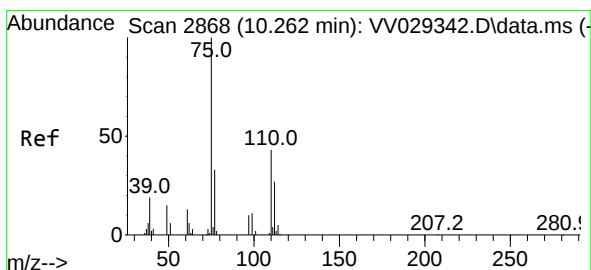
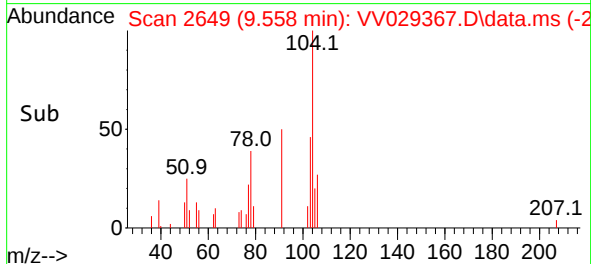
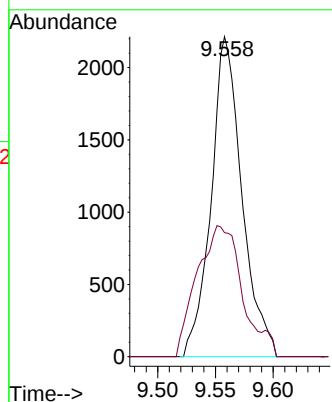
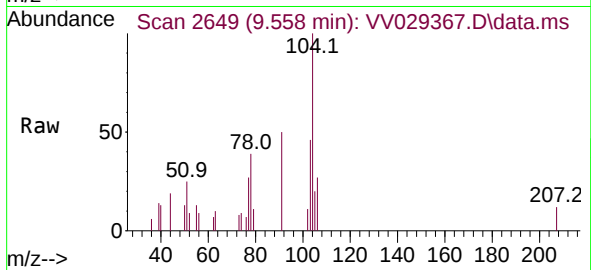
BHB81

Tgt Ion:104 Resp: 4101

Ion Ratio Lower Upper

104 100

78 38.8 29.9 55.5



#61

1,2,3-Trichloropropane

Concen: 1.704 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029367.D

Acq: 25 Nov 2022 20:16

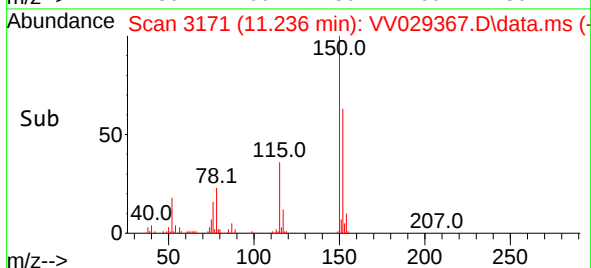
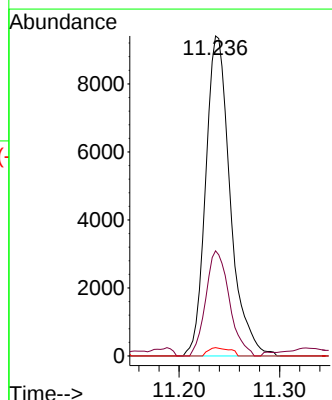
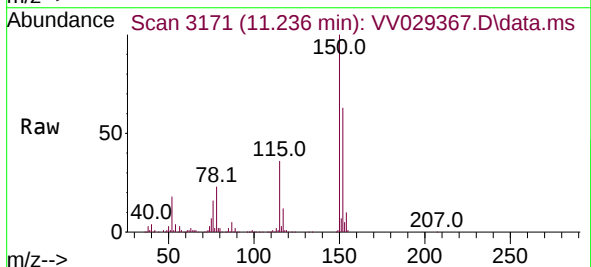
Tgt Ion: 75 Resp: 15932

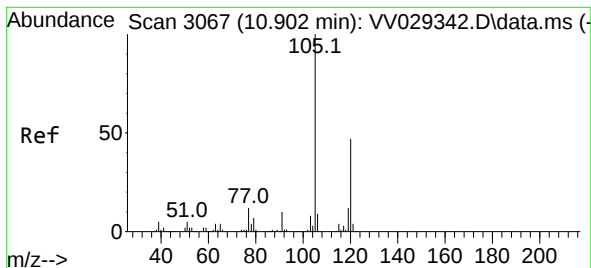
Ion Ratio Lower Upper

75 100

77 31.6 26.7 40.1

110 2.3 32.2 48.4#





#63

1,2,4-Trimethylbenzene

Concen: 0.064 ug/L

RT: 10.905 min Scan# 3067

Delta R.T. 0.003 min

Lab File: VV029367.D

Acq: 25 Nov 2022 20:16

Instrument :

MSVOA_V

ClientSampleId :

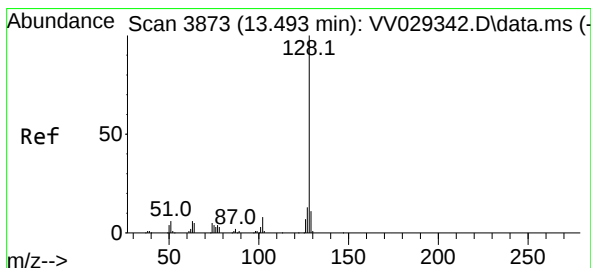
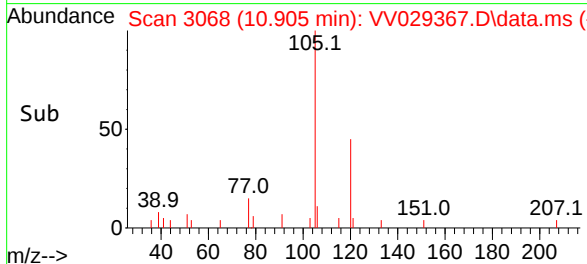
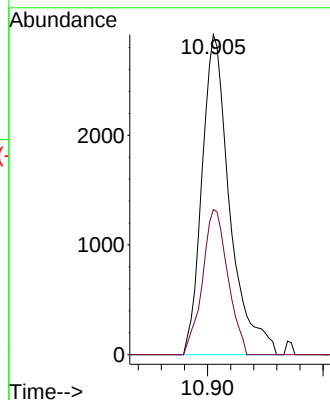
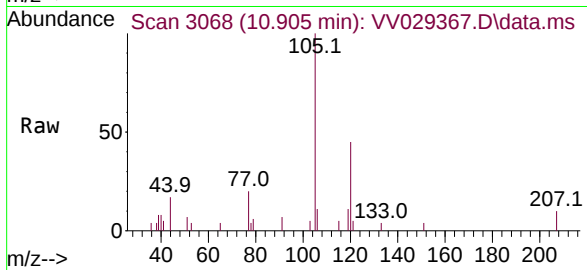
BHB81

Tgt Ion:105 Resp: 4857

Ion Ratio Lower Upper

105 100

120 41.4 37.2 55.8



#71

Naphthalene

Concen: 0.088 ug/L

RT: 13.497 min Scan# 3874

Delta R.T. 0.003 min

Lab File: VV029367.D

Acq: 25 Nov 2022 20:16

Tgt Ion:128 Resp: 2058

Ion Ratio Lower Upper

128 100

129 4.8 8.9 13.3#

127 14.6 10.6 15.8

