

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029331.D
 Acq On : 24 Nov 2022 06:52
 Operator : SY/MD
 Sample : N5694-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB45

Quant Time: Nov 25 00:23:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

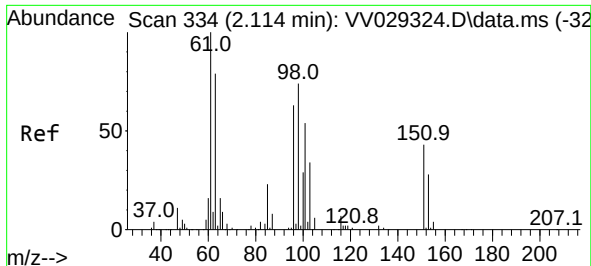
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)

Internal Standards					
1) 1,4-Difluorobenzene	5.609	114	268357	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.844	117	236311	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	118369	5.000 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.304	65	92088	5.576 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 111.600%
7) Chloroethane-d5	1.564	69	71579	5.921 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 118.400%
11) 1,1-Dichloroethene-d2	2.105	63	118381	4.479 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 89.600%
20) 2-Butanone-d5	3.886	46	171808	62.188 ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 124.380%
24) Chloroform-d	4.342	84	164156	5.569 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 111.400%
26) 1,2-Dichloroethane-d4	5.024	65	77327	5.962 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 119.200%
32) Benzene-d6	5.043	84	371214	5.684 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.600%
36) 1,2-Dichloropropane-d6	6.063	67	106169	5.785 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 115.800%
41) Toluene-d8	7.307	98	339395	5.506 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.200%
43) trans-1,3-Dichloroprop...	7.616	79	35316	4.991 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 99.800%
46) 2-Hexanone-d5	8.085	63	139451	55.291 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.580%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66410	5.864 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 117.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	121435	5.873 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 117.400%

Target Compounds				Qvalue	
12) 1,1-Dichloroethene	2.117	96	11199	0.812 ug/L	# 1
13) Acetone	2.182	43	8954	4.457 ug/L	66
17) Methyl tert-butyl Ether	2.767	73	17242	0.489 ug/L	96
19) 1,1-Dichloroethane	3.185	63	71103	2.495 ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	154663	8.538 ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	5299	0.195 ug/L	98
33) Benzene	5.095	78	5130	0.073 ug/L	100
34) Trichloroethene	5.912	95	19961	1.107 ug/L	98
42) Toluene	7.384	91	23491	0.310 ug/L	95
52) Ethylbenzene	9.008	91	12652	0.160 ug/L	98
53) m,p-Xylene	9.130	106	17212	0.552 ug/L	98
54) o-Xylene	9.535	106	8733	0.285 ug/L	94
55) Styrene	9.558	104	5196	0.100 ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	7313	0.110 ug/L	97
63) 1,2,4-Trimethylbenzene	10.905	105	23461	0.352 ug/L	96

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



#12

1,1-Dichloroethene

Concen: 0.812 ug/L

RT: 2.117 min Scan# 311

Delta R.T. 0.003 min

Lab File: VV029331.D

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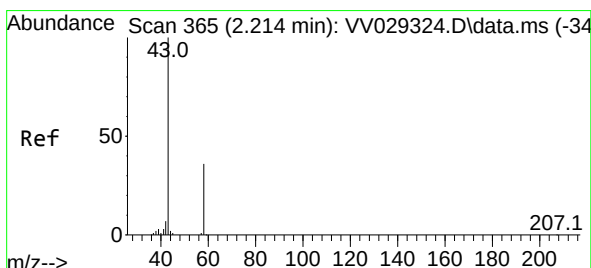
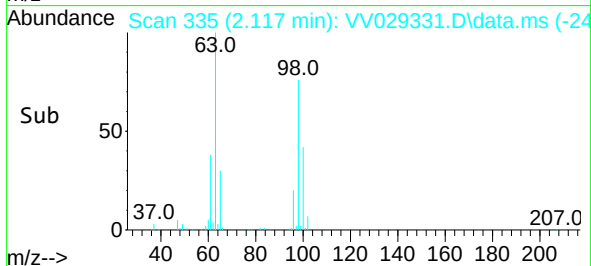
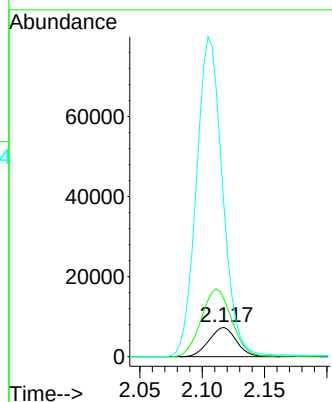
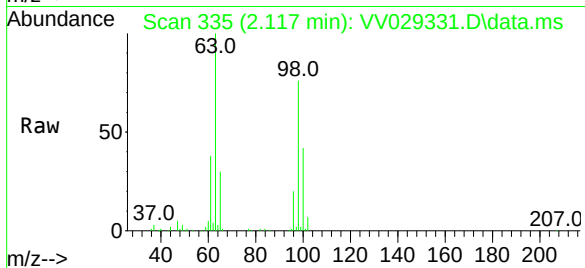
Tgt Ion: 96 Resp: 11199

Ion Ratio Lower Upper

96 100

61 195.9 110.3 204.9

63 509.1 84.4 156.8#



#13

Acetone

Concen: 4.457 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.032 min

Lab File: VV029331.D

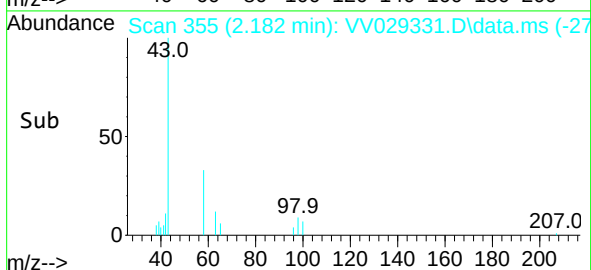
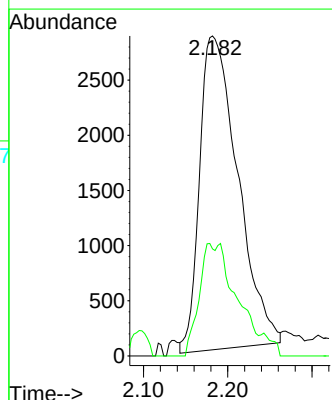
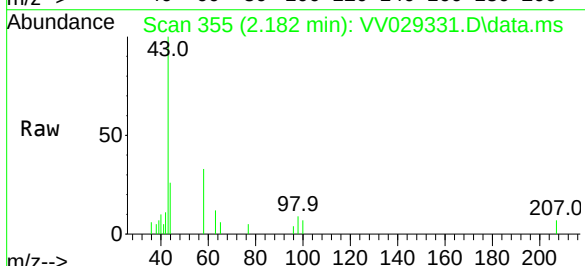
Acq: 24 Nov 2022 06:52

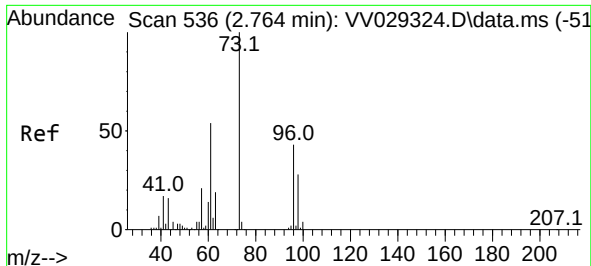
Tgt Ion: 43 Resp: 8954

Ion Ratio Lower Upper

43 100

58 15.3 0.0 70.8

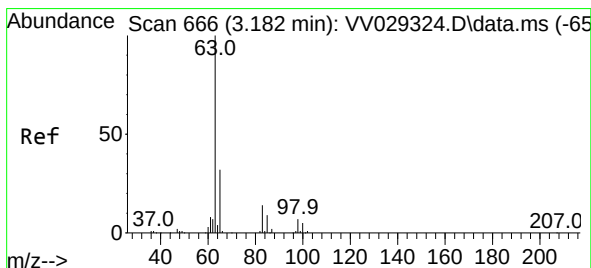
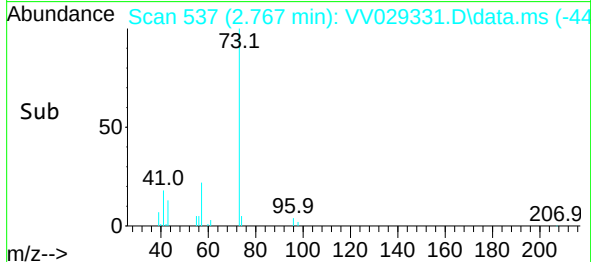
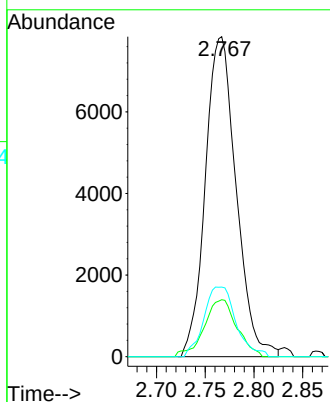
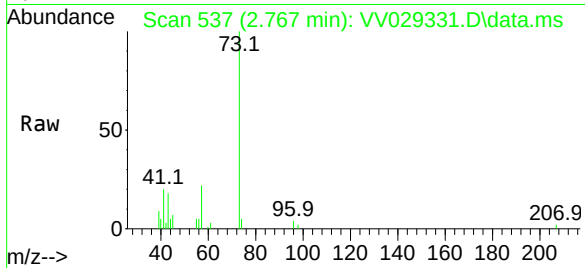




#17
Methyl tert-butyl Ether
Concen: 0.489 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029331.D
Acq: 24 Nov 2022 06:52

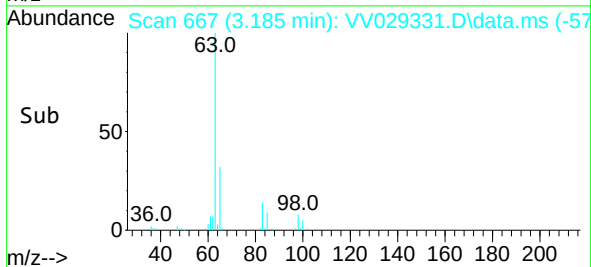
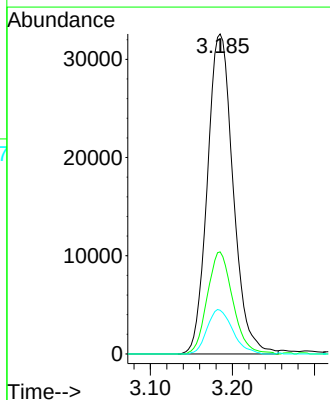
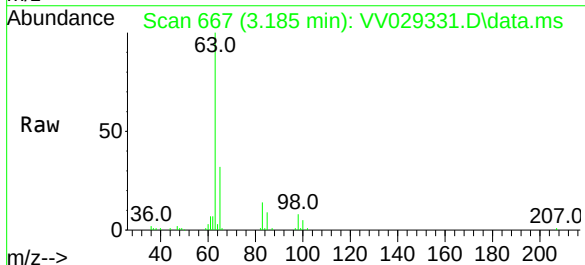
Instrument :
MSVOA_V
ClientSampleId :
BHB45

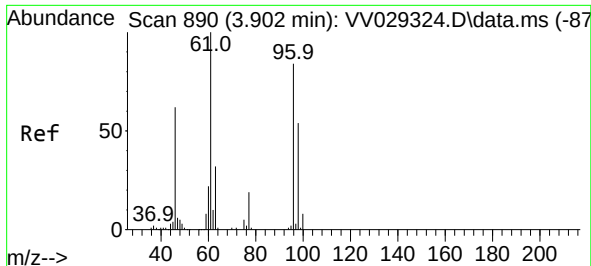
Tgt Ion: 73 Resp: 17242
Ion Ratio Lower Upper
73 100
43 18.9 13.2 19.8
57 22.7 16.9 25.3



#19
1,1-Dichloroethane
Concen: 2.495 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV029331.D
Acq: 24 Nov 2022 06:52

Tgt Ion: 63 Resp: 71103
Ion Ratio Lower Upper
63 100
65 31.9 21.6 40.2
83 13.6 10.3 19.1



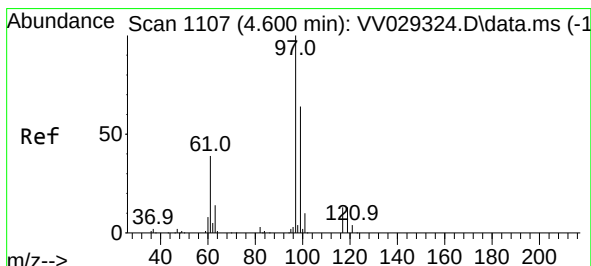
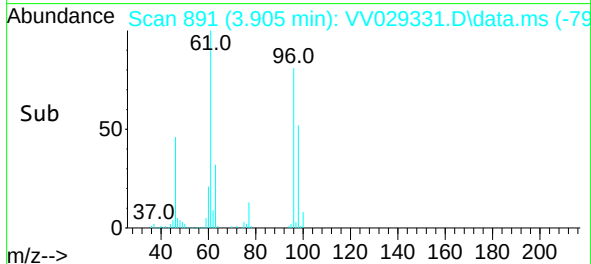
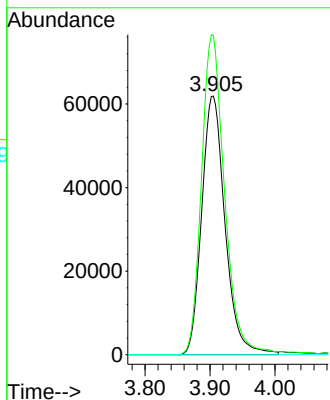
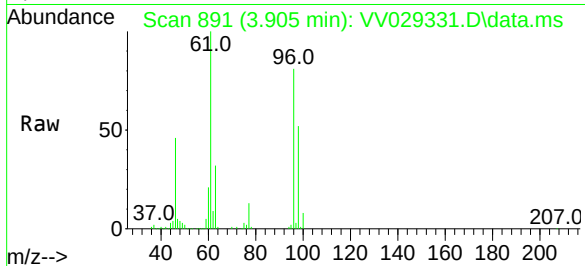


#22
 cis-1,2-Dichloroethene
 Concen: 8.538 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029331.D
 Acq: 24 Nov 2022 06:52

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB45

Tgt Ion: 96 Resp: 154663

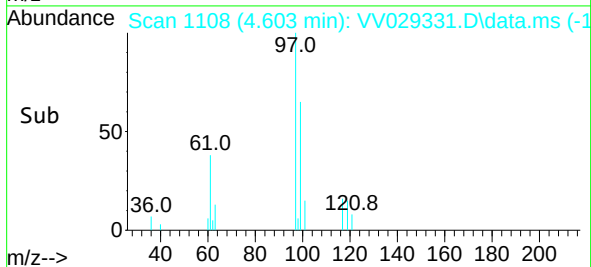
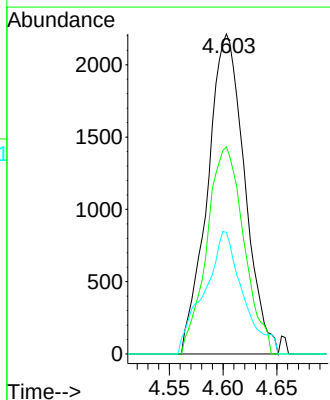
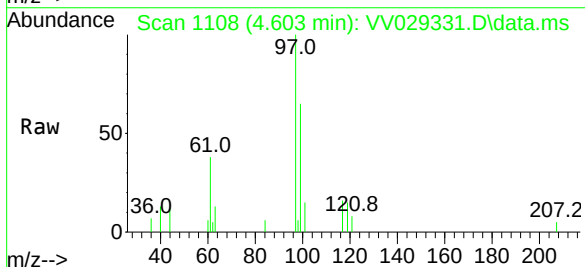
Ion	Ratio	Lower	Upper
96	100		
61	123.5	85.8	159.3
68	0.0	0.0	0.0

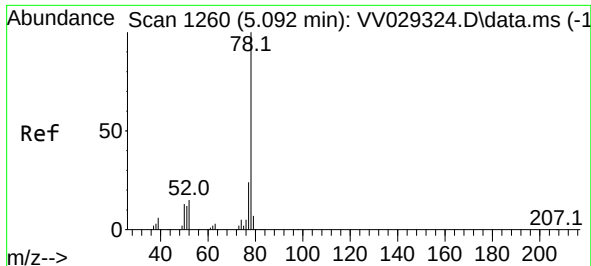


#29
 1,1,1-Trichloroethane
 Concen: 0.195 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.003 min
 Lab File: VV029331.D
 Acq: 24 Nov 2022 06:52

Tgt Ion: 97 Resp: 5299

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.2	76.8
61	40.0	33.3	49.9

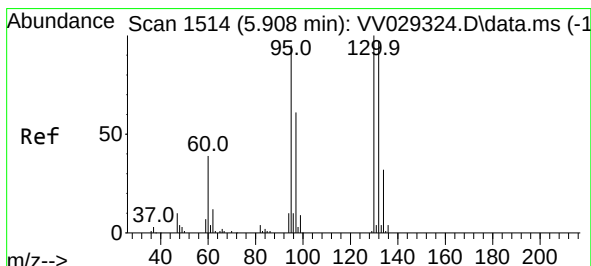
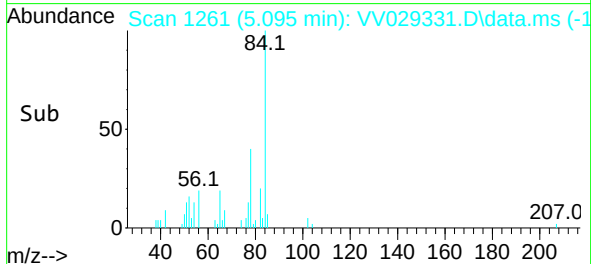
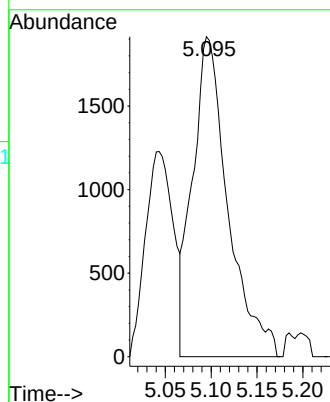
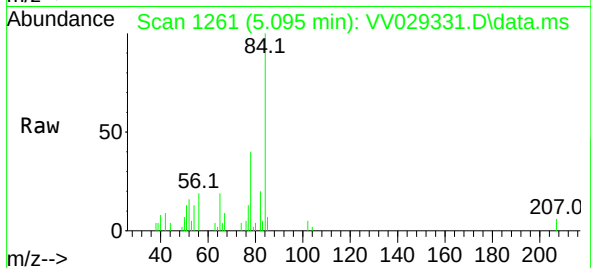




#33
Benzene
Concen: 0.073 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029331.D
Acq: 24 Nov 2022 06:52

Instrument :
MSVOA_V
ClientSampleId :
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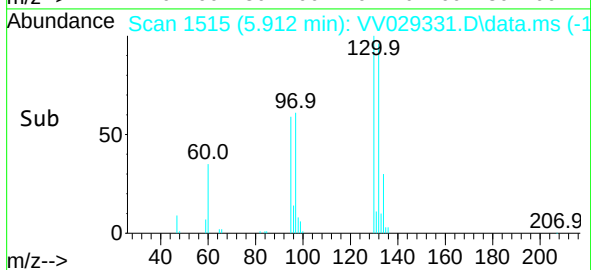
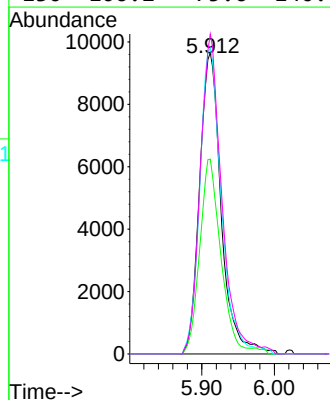
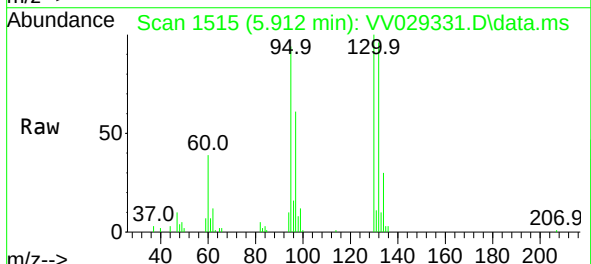
Tgt Ion: 78 Resp: 5130

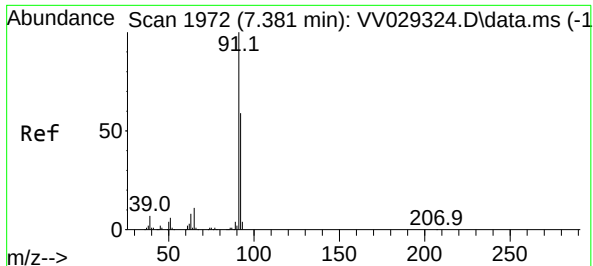


#34
Trichloroethene
Concen: 1.107 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029331.D
Acq: 24 Nov 2022 06:52

Tgt Ion: 95 Resp: 19961

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.4	84.4
132	101.6	73.3	136.1
130	106.2	75.6	140.4





#42

Toluene

Concen: 0.310 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV029331.D

Acq: 24 Nov 2022 06:52

Instrument :

MSVOA_V

ClientSampleId :

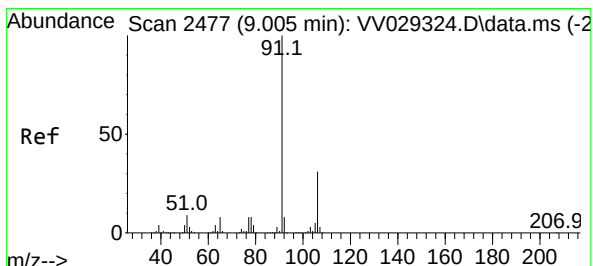
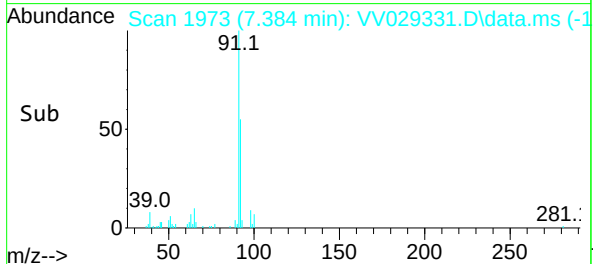
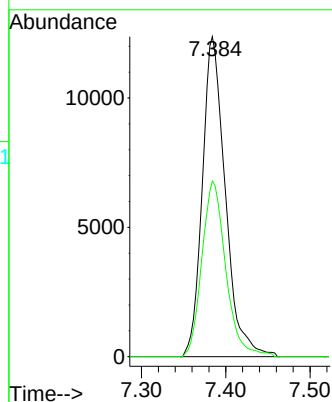
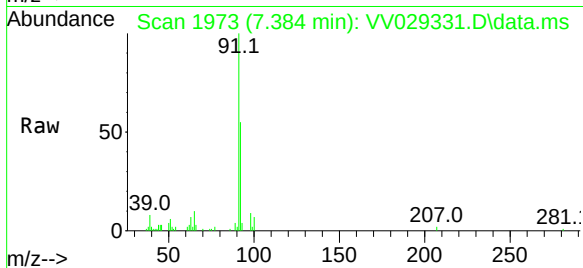
BHB45

Tgt Ion: 91 Resp: 23491

Ion Ratio Lower Upper

91 100

92 54.9 40.8 75.8



#52

Ethylbenzene

Concen: 0.160 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV029331.D

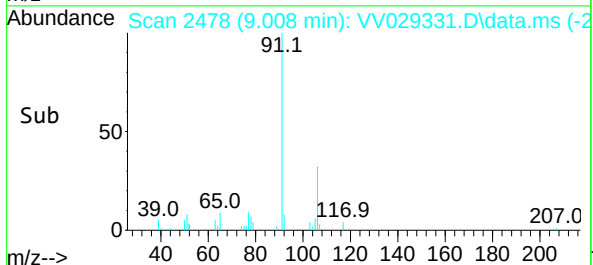
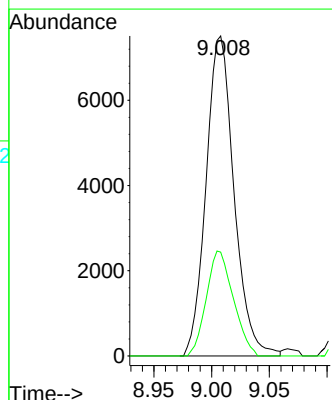
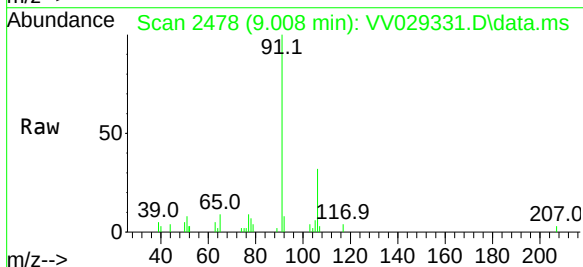
Acq: 24 Nov 2022 06:52

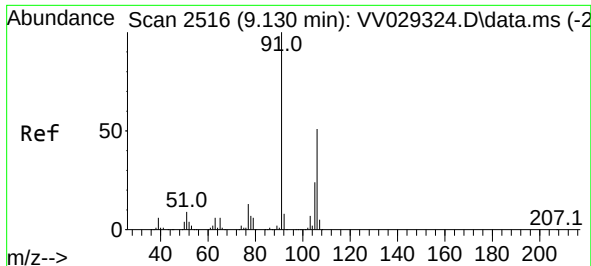
Tgt Ion: 91 Resp: 12652

Ion Ratio Lower Upper

91 100

106 32.5 21.9 40.7

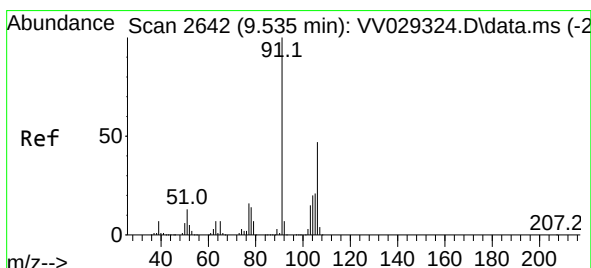
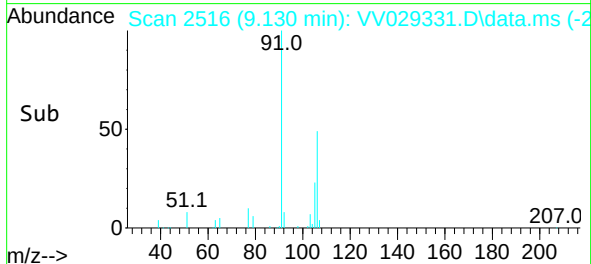
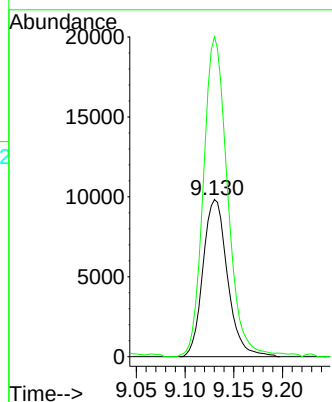
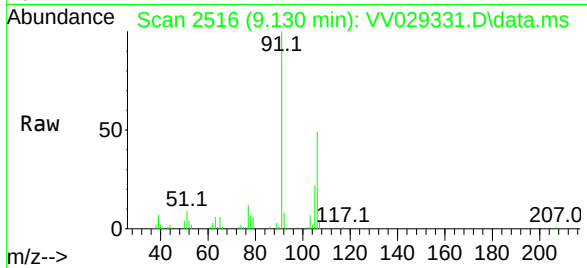




#53
m,p-Xylene
Concen: 0.552 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029331.D
Acq: 24 Nov 2022 06:52

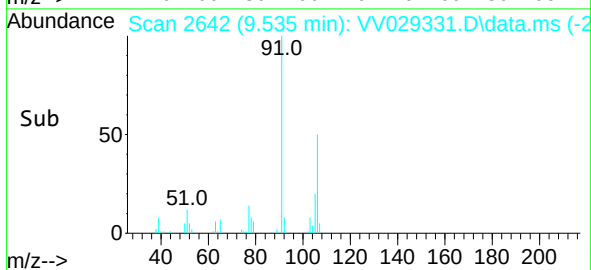
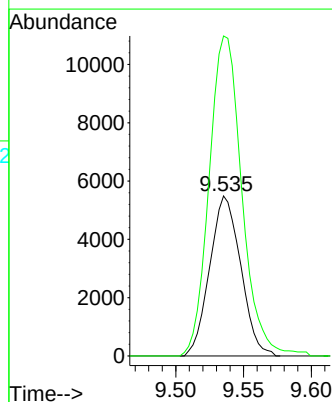
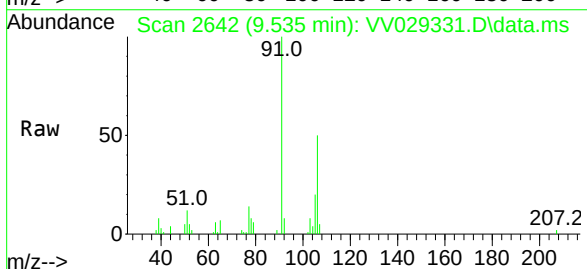
Instrument :
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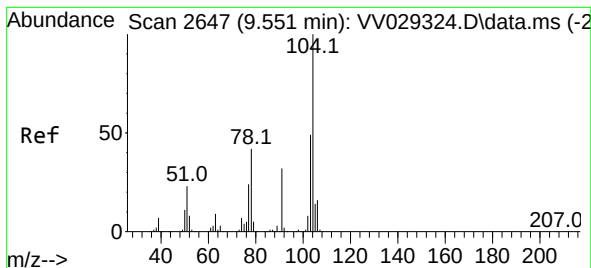
Tgt Ion:106 Resp: 17212
Ion Ratio Lower Upper
106 100
91 203.7 140.6 261.2



#54
o-Xylene
Concen: 0.285 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029331.D
Acq: 24 Nov 2022 06:52

Tgt Ion:106 Resp: 8733
Ion Ratio Lower Upper
106 100
91 200.0 146.9 272.9





#55

Styrene

Concen: 0.100 ug/L

RT: 9.558 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV029331.D

Acq: 24 Nov 2022 06:52

Instrument :

MSVOA_V

ClientSampleId :

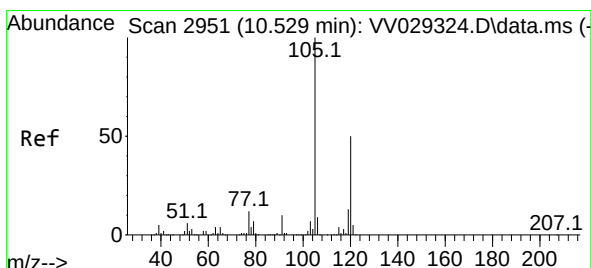
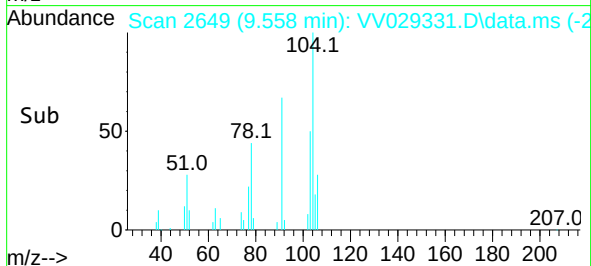
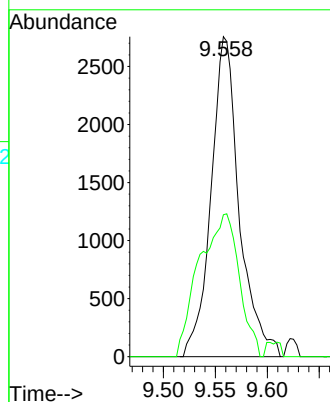
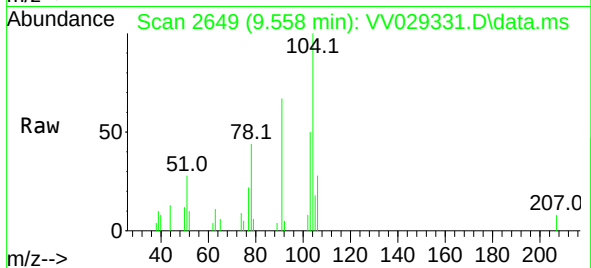
BHB45

Tgt Ion:104 Resp: 5196

Ion Ratio Lower Upper

104 100

78 44.4 29.9 55.5



#62

1,3,5-Trimethylbenzene

Concen: 0.110 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029331.D

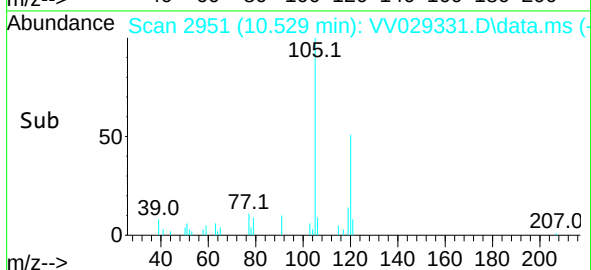
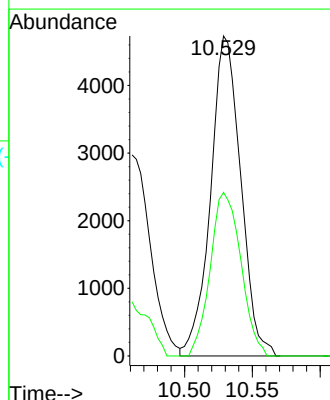
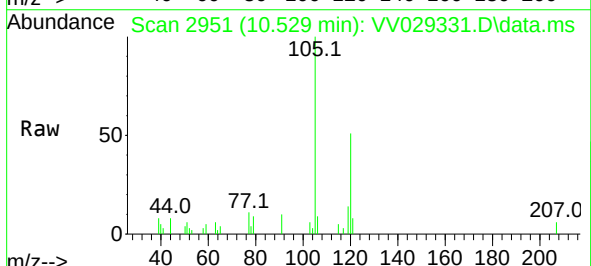
Acq: 24 Nov 2022 06:52

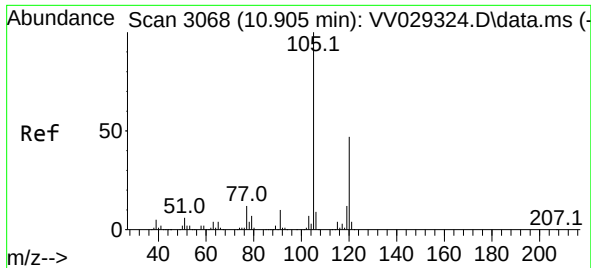
Tgt Ion:105 Resp: 7313

Ion Ratio Lower Upper

105 100

120 51.9 39.6 59.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.352 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV029331.D
 Acq: 24 Nov 2022 06:52

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB45

Tgt Ion:105 Resp: 23461
 Ion Ratio Lower Upper
 105 100
 120 44.0 37.2 55.8

