

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031142.D
 Acq On : 20 May 2023 06:23
 Operator : SY/MD
 Sample : 02865-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX71

Quant Time: May 22 00:14:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 01:55:03 2023
 Response via : Initial Calibration

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

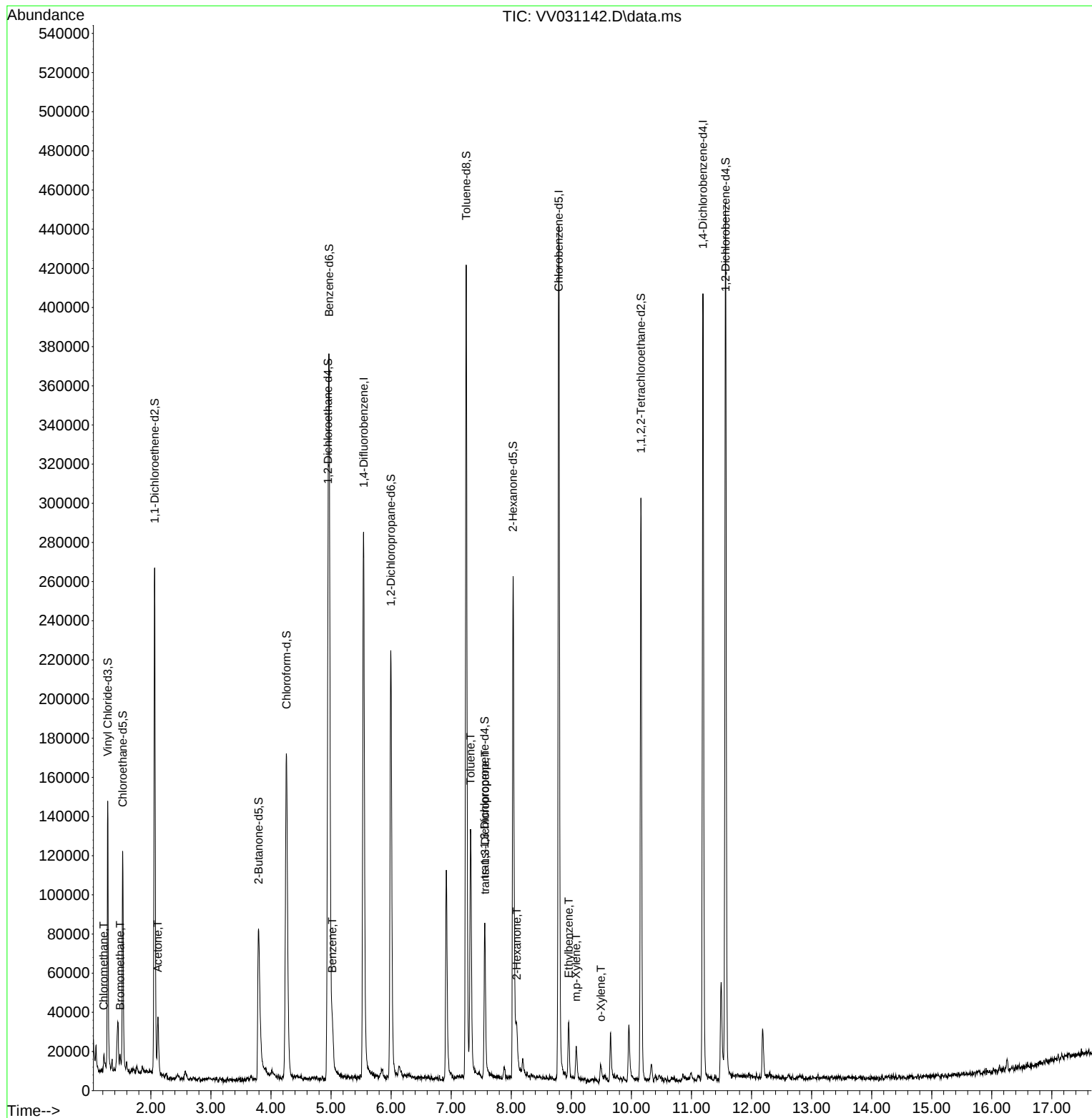
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	240287	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	231697	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	105037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	87084	42.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.820%
7) Chloroethane-d5	1.532	69	72142	45.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.063	65	43579	45.254	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.500%
21) 2-Butanone-d5	3.793	46	130444	119.211	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.210%
24) Chloroform-d	4.256	84	169584	46.680	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
26) 1,2-Dichloroethane-d4	4.950	65	122110	49.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
32) Benzene-d6	4.966	84	303589	48.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
36) 1,2-Dichloropropane-d6	5.995	67	92468	49.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.249	98	267517	45.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.260%
43) trans-1,3-Dichloroprop...	7.558	79	43398	46.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.060%
47) 2-Hexanone-d5	8.030	63	81669	111.454	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.450%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125207	44.419	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.840%
66) 1,2-Dichlorobenzene-d4	11.567	152	107140	56.763	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	9298	5.475	ug/L	96
6) Bromomethane	1.487	94	2194	2.581	ug/L	88
13) Acetone	2.118	43	28736	20.200	ug/L	95
33) Benzene	5.021	78	24882	4.483	ug/L	100
42) Toluene	7.323	91	89165	14.847	ug/L	100
44) trans-1,3-Dichloropropene	7.564	75	2355	0.988	ug/L	91
48) 2-Hexanone	8.092	43	12753	6.513	ug/L #	89
52) Ethylbenzene	8.956	91	20195	2.937	ug/L	97
53) m,p-Xylene	9.082	106	4451	1.669	ug/L	95
54) o-Xylene	9.490	106	2500	0.950	ug/L	72

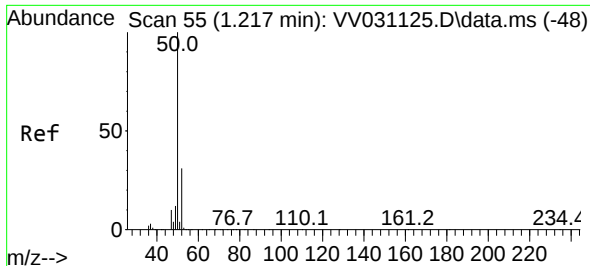
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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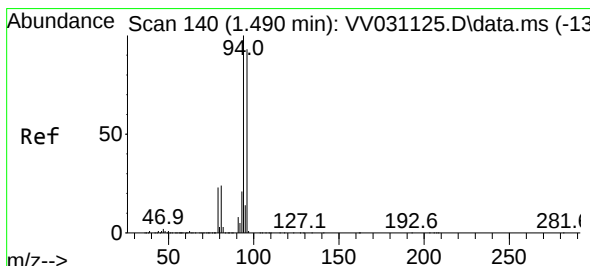
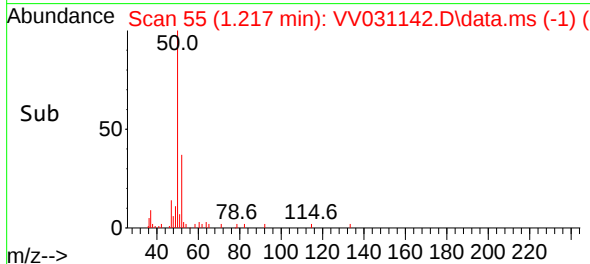
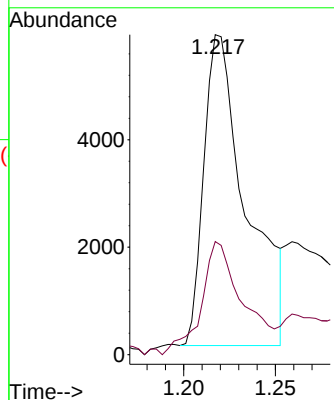
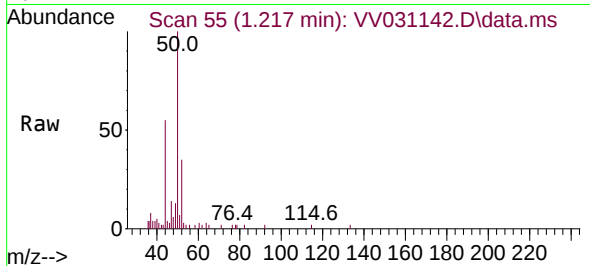




#3
Chloromethane
Concen: 5.475 ug/L
RT: 1.217 min Scan# 50
Delta R.T. 0.000 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

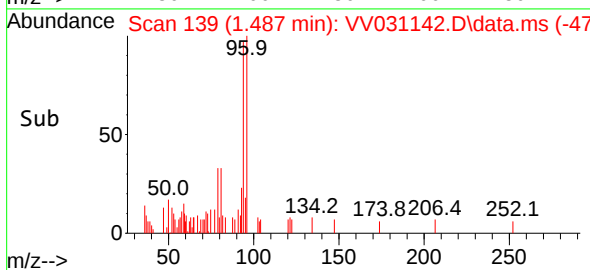
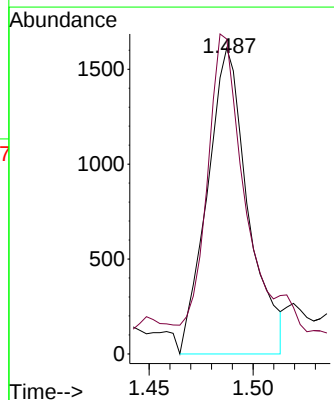
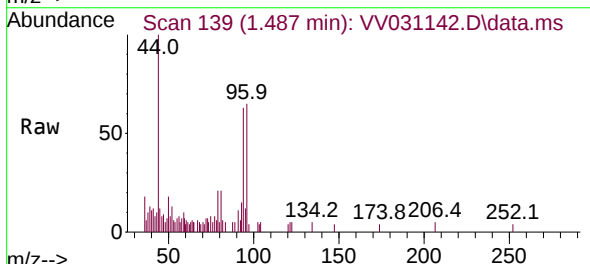
Instrument :
MSVOA_V
ClientSampleId :
GBX71

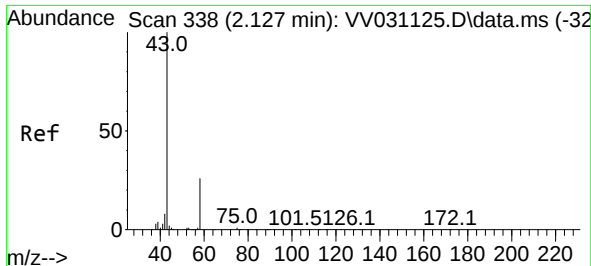
Tgt Ion: 50 Resp: 9298
Ion Ratio Lower Upper
50 100
52 35.4 23.3 43.3



#6
Bromomethane
Concen: 2.581 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Tgt Ion: 94 Resp: 2194
Ion Ratio Lower Upper
94 100
96 102.9 63.9 118.7





#13

Acetone

Concen: 20.200 ug/L

RT: 2.118 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV031142.D

Acq: 20 May 2023 06:23

Instrument :

MSVOA_V

ClientSampleId :

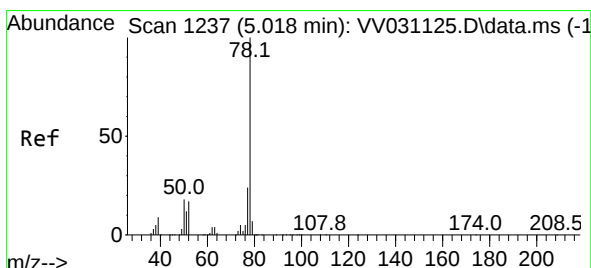
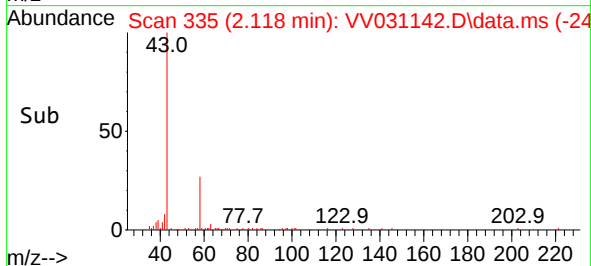
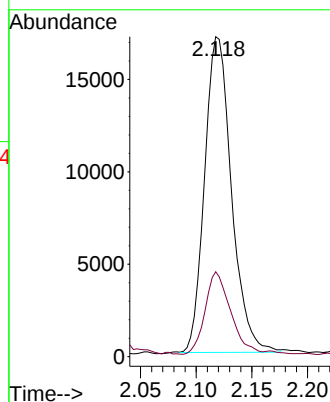
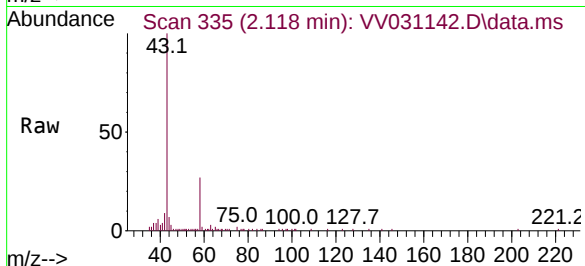
GBX71

Tgt Ion: 43 Resp: 28736

Ion Ratio Lower Upper

43 100

58 24.6 0.0 54.0



#33

Benzene

Concen: 4.483 ug/L

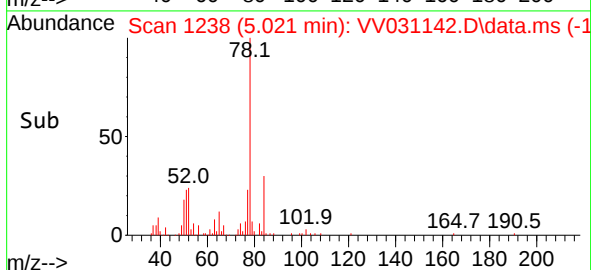
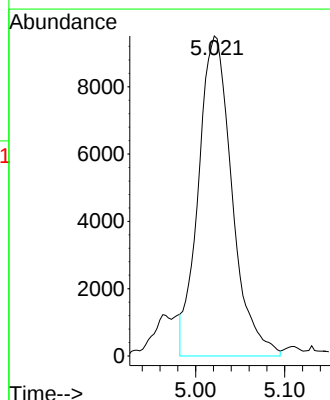
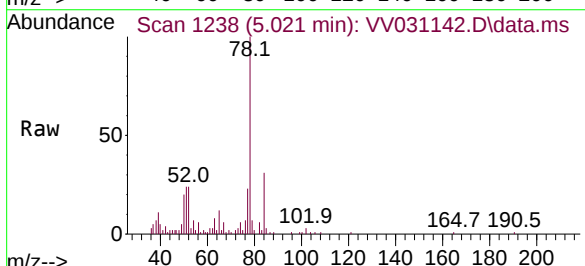
RT: 5.021 min Scan# 1238

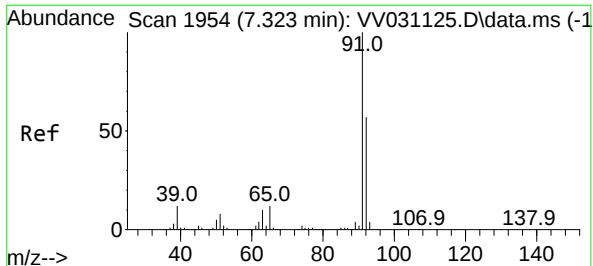
Delta R.T. 0.003 min

Lab File: VV031142.D

Acq: 20 May 2023 06:23

Tgt Ion: 78 Resp: 24882





#42

Toluene

Concen: 14.847 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031142.D

Acq: 20 May 2023 06:23

Instrument :

MSVOA_V

ClientSampleId :

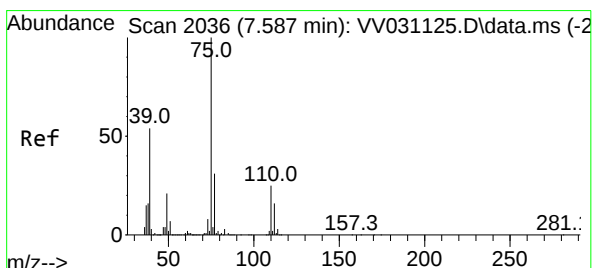
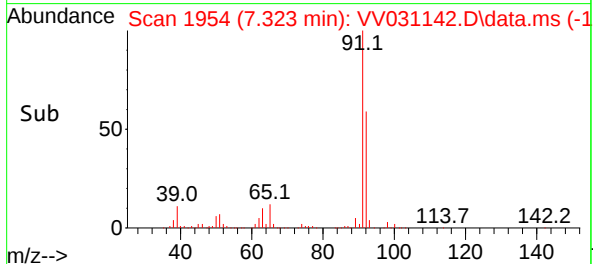
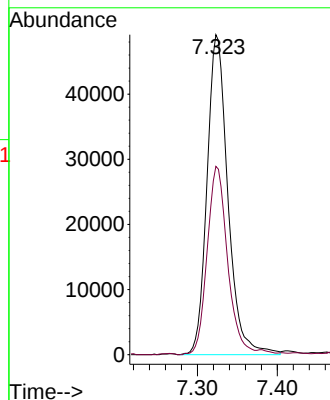
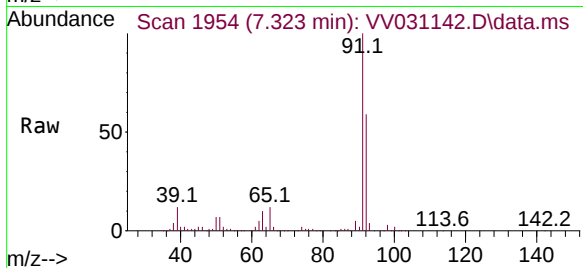
GBX71

Tgt Ion: 91 Resp: 89165

Ion Ratio Lower Upper

91 100

92 58.9 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 0.988 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.022 min

Lab File: VV031142.D

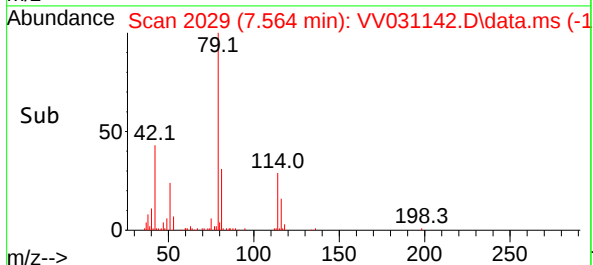
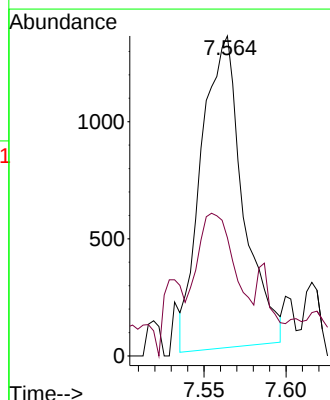
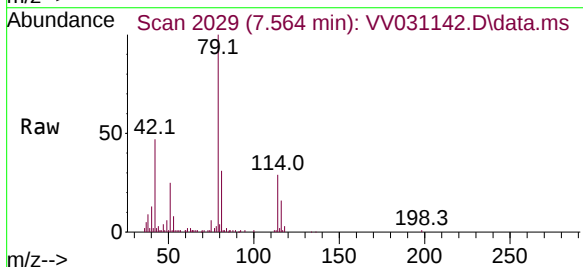
Acq: 20 May 2023 06:23

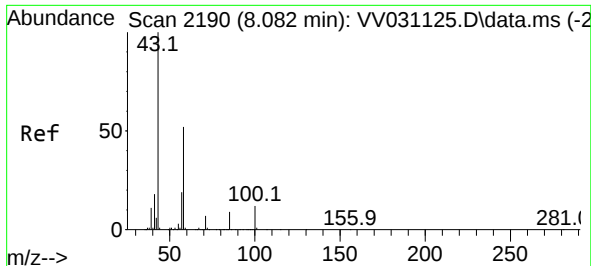
Tgt Ion: 75 Resp: 2355

Ion Ratio Lower Upper

75 100

77 37.0 22.2 41.2

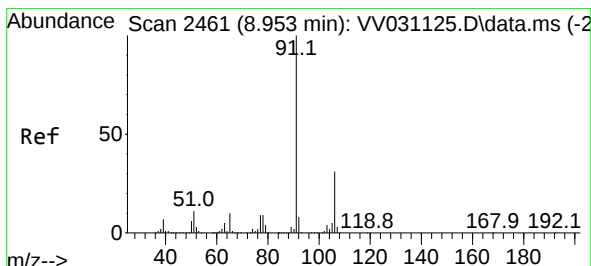
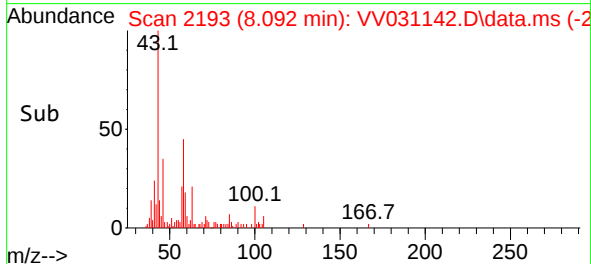
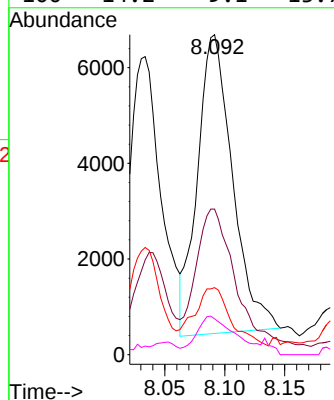
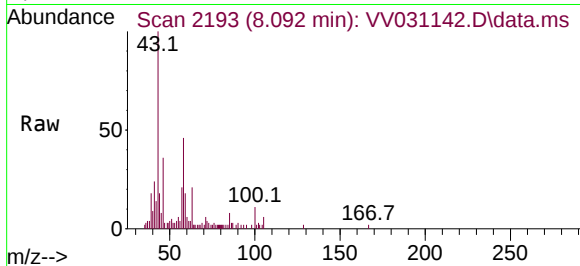




#48
2-Hexanone
Concen: 6.513 ug/L
RT: 8.092 min Scan# 2190
Delta R.T. 0.010 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

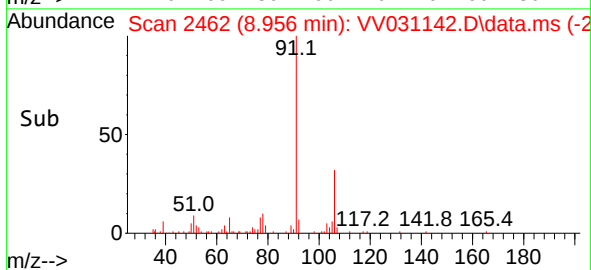
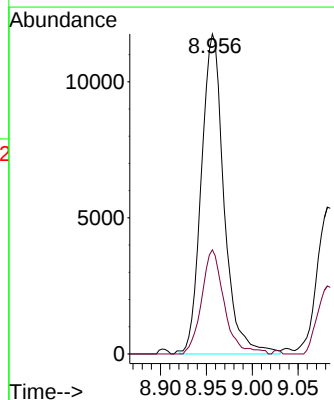
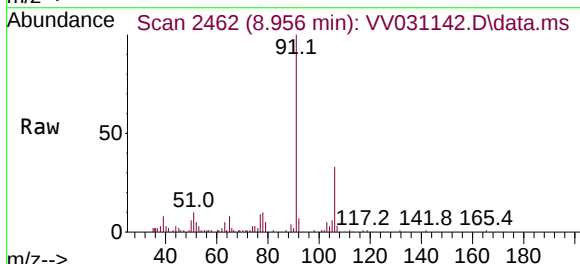
Instrument :
MSVOA_V
ClientSampleId :
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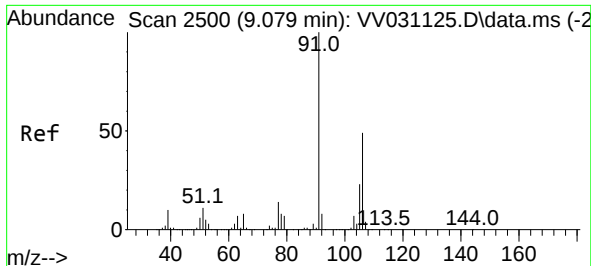
Tgt Ion: 43	Resp: 12753
Ion Ratio	Lower Upper
43 100	
58 41.3	39.8 59.6
57 22.3	14.4 21.6#
100 14.2	9.1 13.7#



#52
Ethylbenzene
Concen: 2.937 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.003 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Tgt Ion: 91	Resp: 20195
Ion Ratio	Lower Upper
91 100	
106 32.6	21.5 39.9

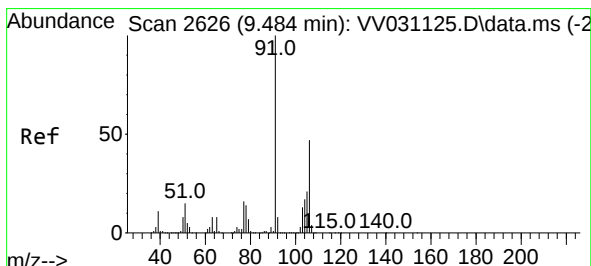
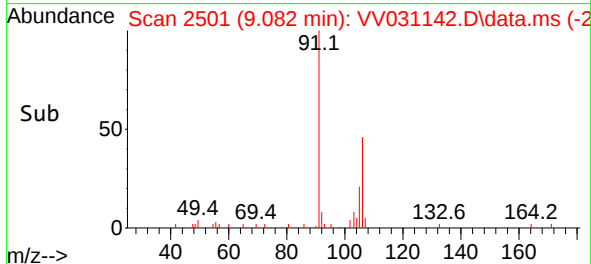
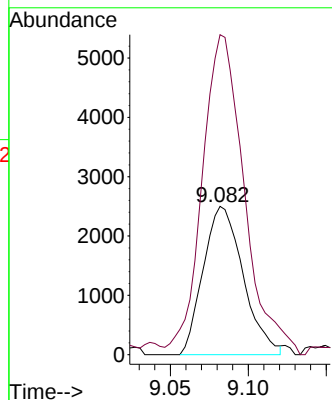
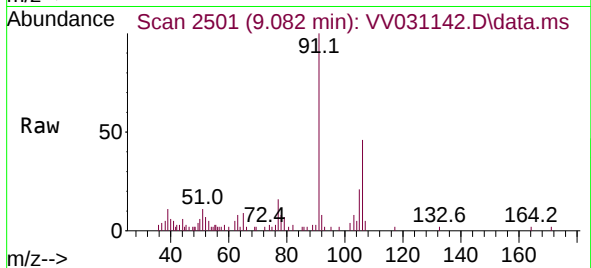




#53
m,p-Xylene
Concen: 1.669 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:106 Resp: 4451
Ion Ratio Lower Upper
106 100
91 215.8 145.3 269.8



#54
o-Xylene
Concen: 0.950 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.007 min
Lab File: VV031142.D
Acq: 20 May 2023 06:23

Tgt Ion:106 Resp: 2500
Ion Ratio Lower Upper
106 100
91 170.8 150.4 279.2

