

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023059.D
 Acq On : 27 Oct 2021 15:34
 Operator : SY/MD
 Sample : M4364-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG341

Quant Time: Oct 28 01:46:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

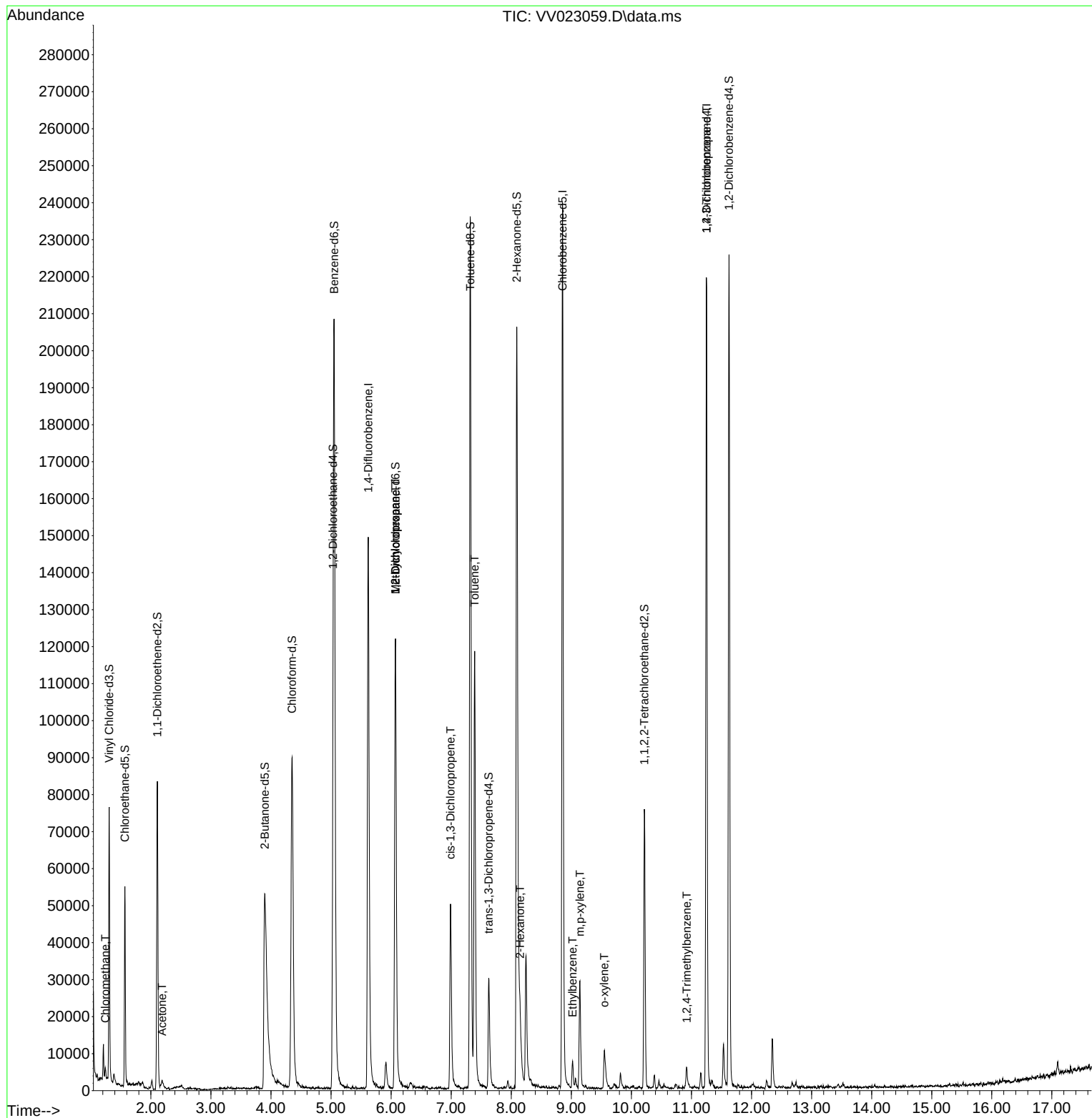
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46763	4.015	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.568	69	31648	4.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.108	63	42598	2.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.800%#
20) 2-Butanone-d5	3.896	46	106043	56.762	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.520%
24) Chloroform-d	4.349	84	95237	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.034	65	45483	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.053	84	190720	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.072	67	60580	4.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.320	98	157644	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.625	79	17769	4.168	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.092	63	67487	42.757	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36408	4.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	60111	5.789	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.800%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	1344	0.147	ug/L	98
13) Acetone	2.188	43	3824	4.172	ug/L	89
35) Methylcyclohexane	6.072	83	14866	1.134	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6318	0.688	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1303	0.114	ug/L #	27
42) Toluene	7.391	91	88251	2.390	ug/L	99
48) 2-Hexanone	8.146	43	12016	3.744	ug/L	94
52) Ethylbenzene	9.021	91	5161	0.141	ug/L	96
53) m,p-xylene	9.143	106	8891	0.605	ug/L	93
54) o-xylene	9.548	106	2374	0.172	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	6837	1.669	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.921	105	3482	0.148	ug/L	91

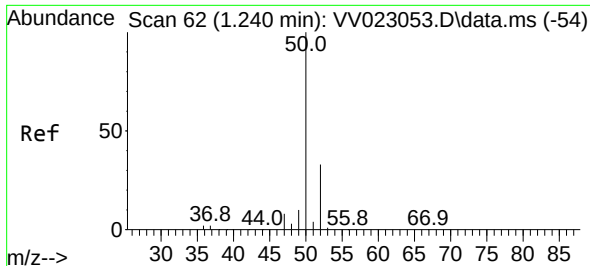
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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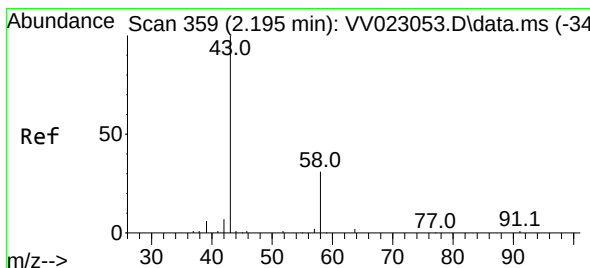
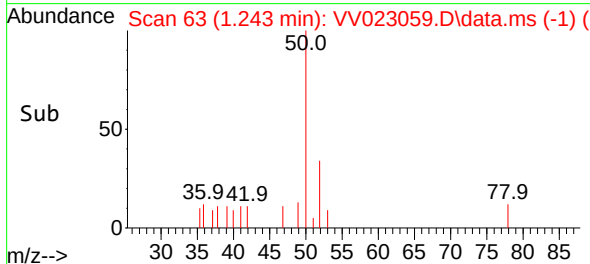
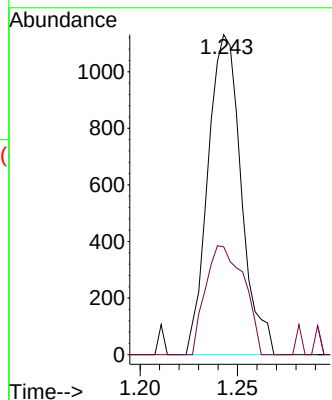
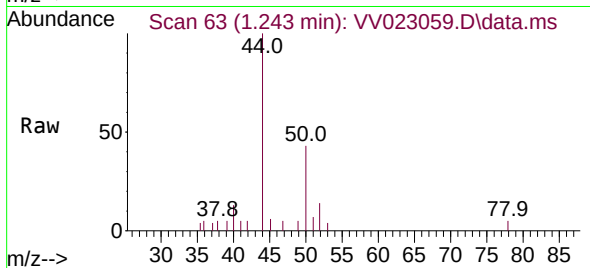




#3
Chloromethane
Concen: 0.147 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023059.D
Acq: 27 Oct 2021 15:34

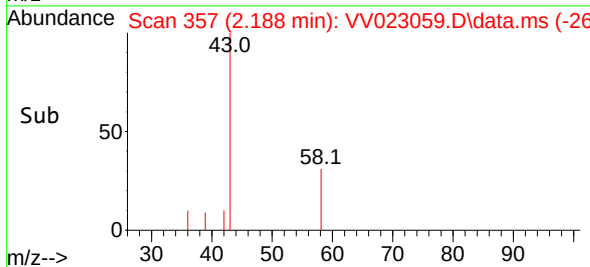
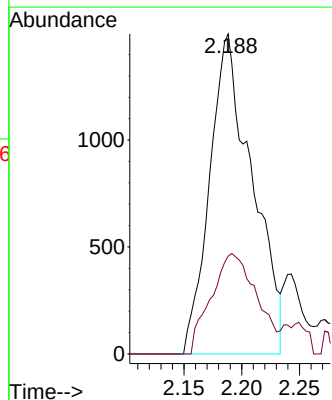
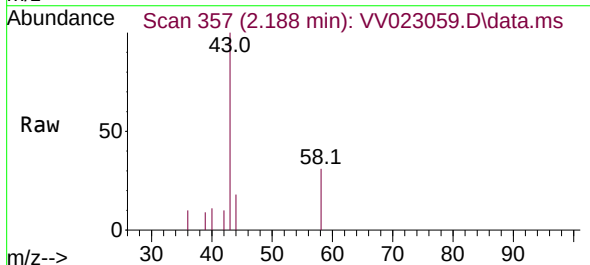
Instrument :
MSVOA_V
ClientSampleId :
BG341

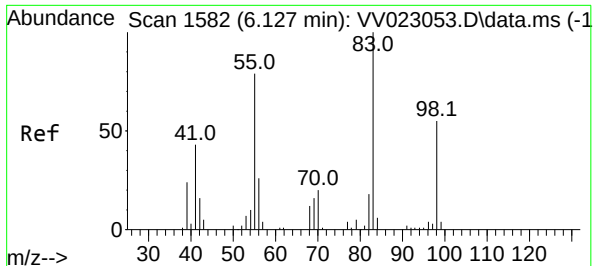
Tgt Ion: 50 Resp: 1344
Ion Ratio Lower Upper
50 100
52 33.7 24.3 45.1



#13
Acetone
Concen: 4.172 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.006 min
Lab File: VV023059.D
Acq: 27 Oct 2021 15:34

Tgt Ion: 43 Resp: 3824
Ion Ratio Lower Upper
43 100
58 33.6 0.0 55.4





#35

Methylcyclohexane

Concen: 1.134 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023059.D

Acq: 27 Oct 2021 15:34

Instrument :

MSVOA_V

ClientSampleId :

BG341

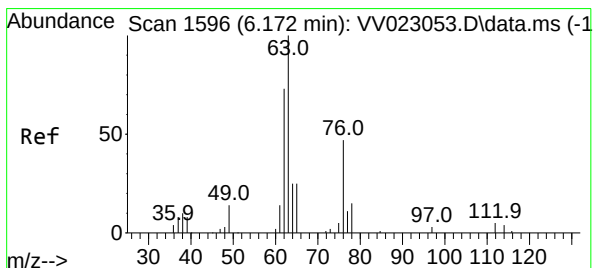
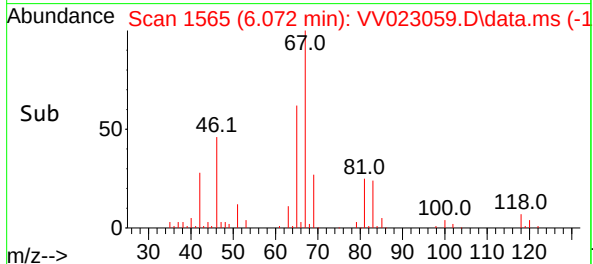
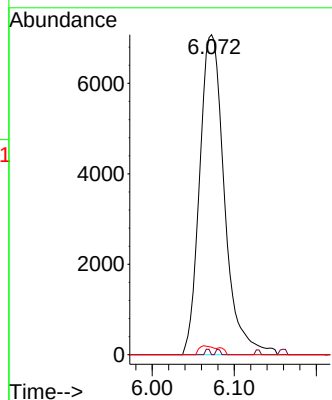
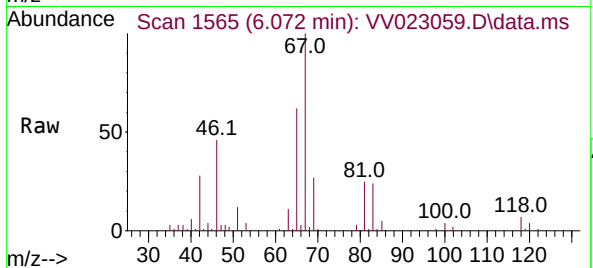
Tgt Ion: 83 Resp: 14866

Ion Ratio Lower Upper

83 100

55 0.3 62.8 94.2#

98 2.2 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.688 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023059.D

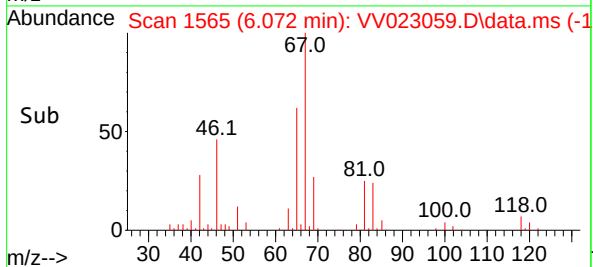
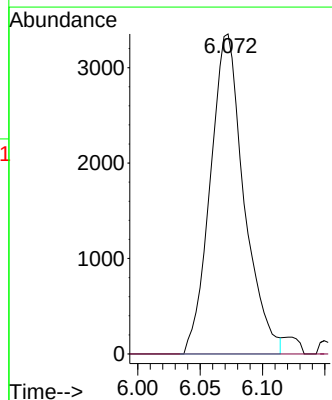
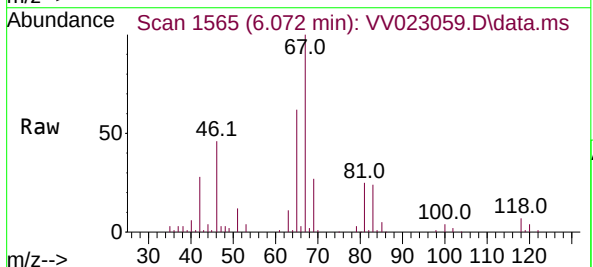
Acq: 27 Oct 2021 15:34

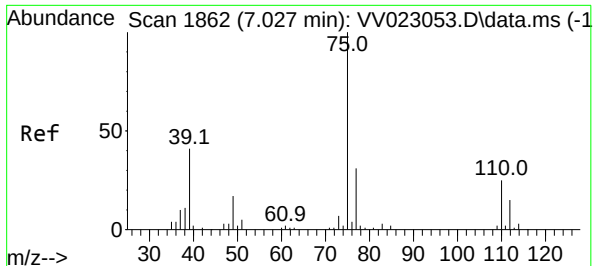
Tgt Ion: 63 Resp: 6318

Ion Ratio Lower Upper

63 100

112 0.3 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.989 min Scan# 1862

Delta R.T. -0.039 min

Lab File: VV023059.D

Acq: 27 Oct 2021 15:34

Instrument :

MSVOA_V

ClientSampleId :

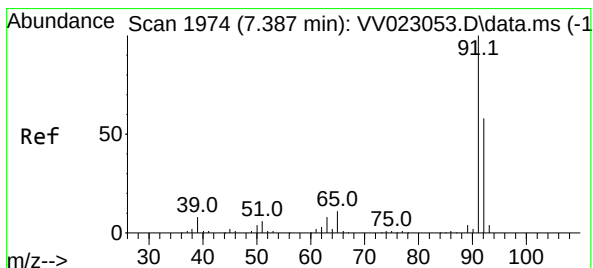
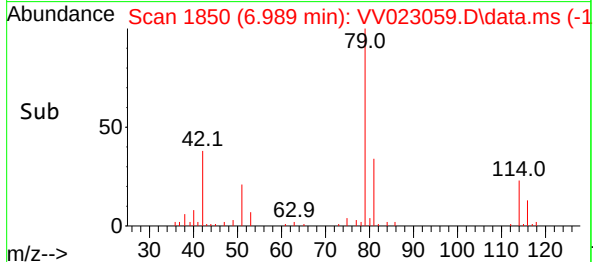
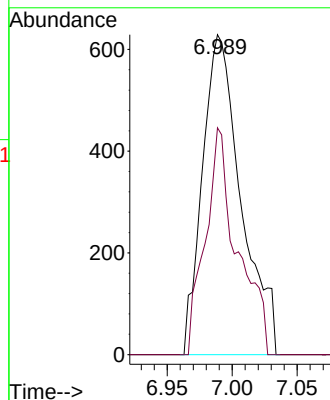
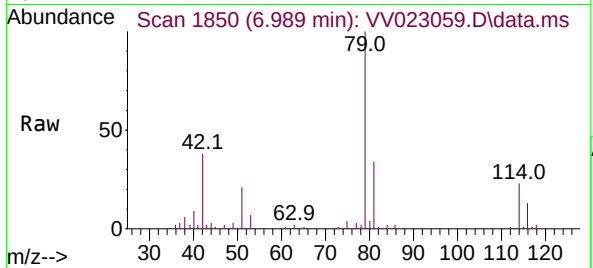
BG341

Tgt Ion: 75 Resp: 1303

Ion Ratio Lower Upper

75 100

77 70.9 21.6 40.2#



#42

Toluene

Concen: 2.390 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023059.D

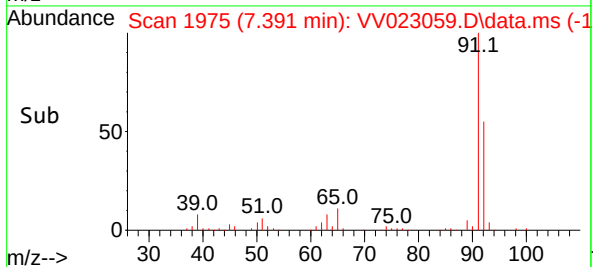
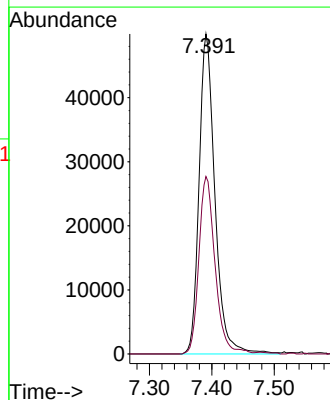
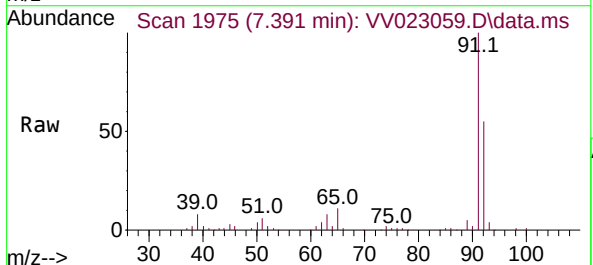
Acq: 27 Oct 2021 15:34

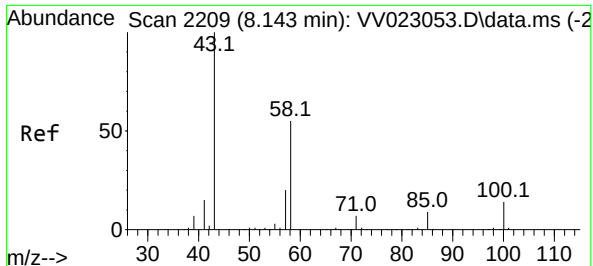
Tgt Ion: 91 Resp: 88251

Ion Ratio Lower Upper

91 100

92 55.4 39.3 72.9





#48

2-Hexanone

Concen: 3.744 ug/L

RT: 8.146 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023059.D

Acq: 27 Oct 2021 15:34

Instrument :

MSVOA_V

ClientSampleId :

BG341

Tgt Ion: 43 Resp: 12016

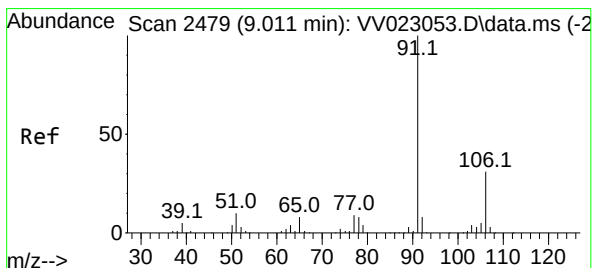
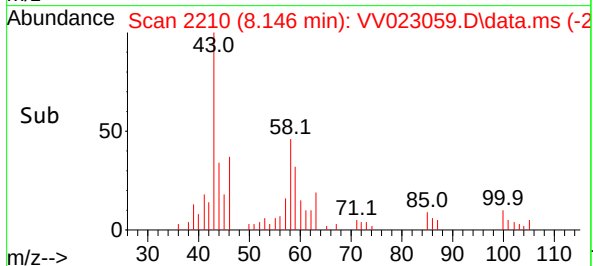
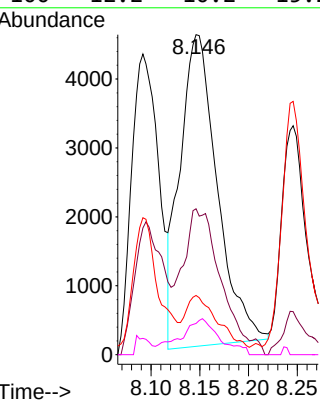
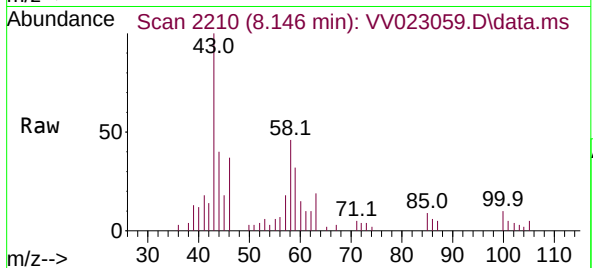
Ion Ratio Lower Upper

43 100

58 49.1 43.7 65.5

57 15.5 14.1 21.1

100 12.2 10.2 15.2



#52

Ethylbenzene

Concen: 0.141 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV023059.D

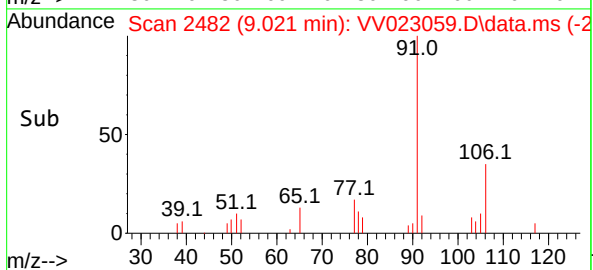
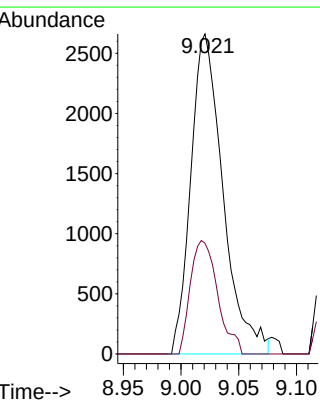
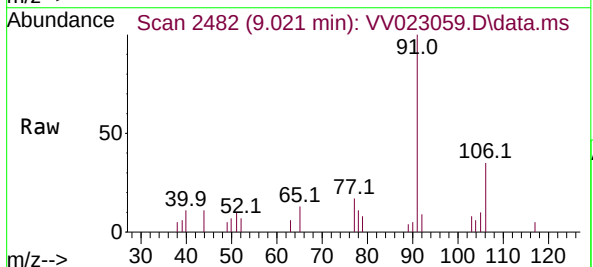
Acq: 27 Oct 2021 15:34

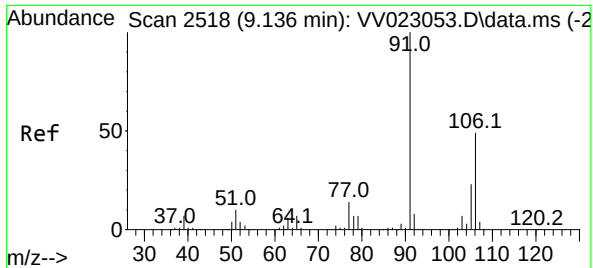
Tgt Ion: 91 Resp: 5161

Ion Ratio Lower Upper

91 100

106 34.6 22.5 41.9

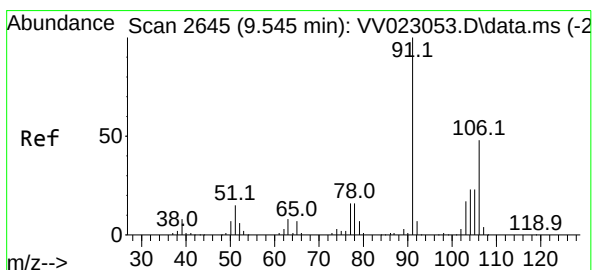
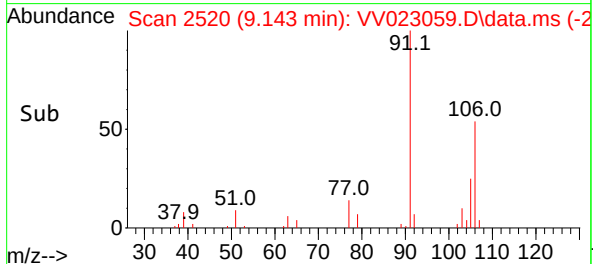
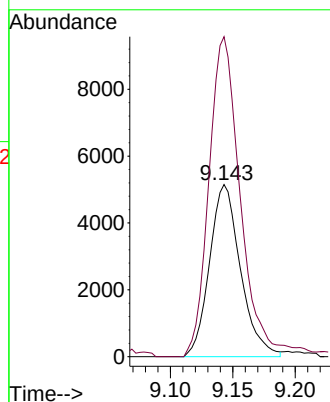
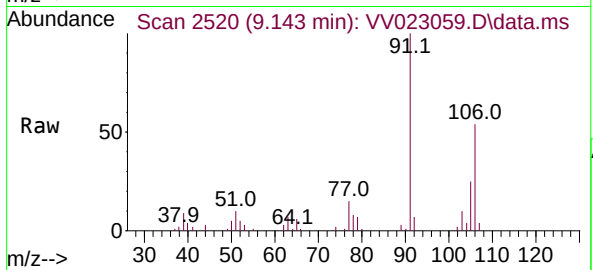




#53
m,p-xylene
Concen: 0.605 ug/L
RT: 9.143 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV023059.D
Acq: 27 Oct 2021 15:34

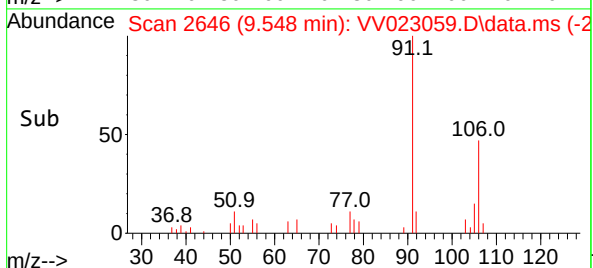
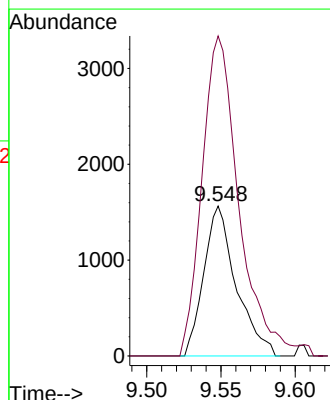
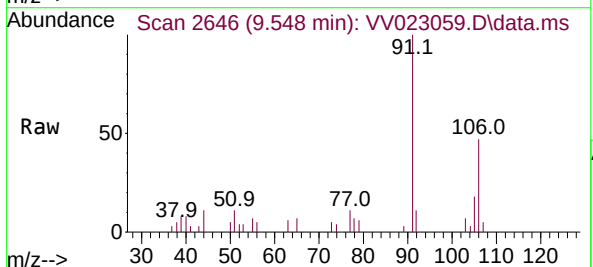
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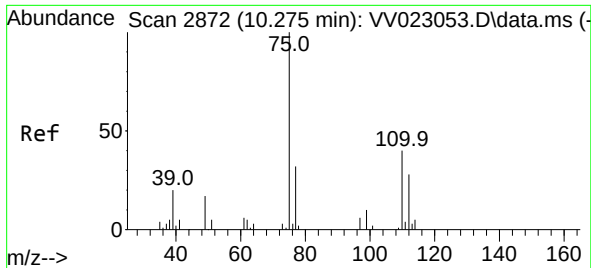
Tgt Ion:106 Resp: 8891
Ion Ratio Lower Upper
106 100
91 185.8 137.2 254.8



#54
o-xylene
Concen: 0.172 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV023059.D
Acq: 27 Oct 2021 15:34

Tgt Ion:106 Resp: 2374
Ion Ratio Lower Upper
106 100
91 213.4 148.3 275.5

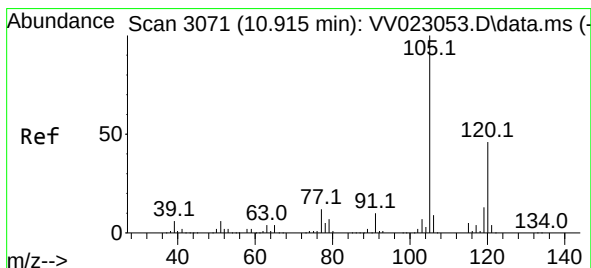
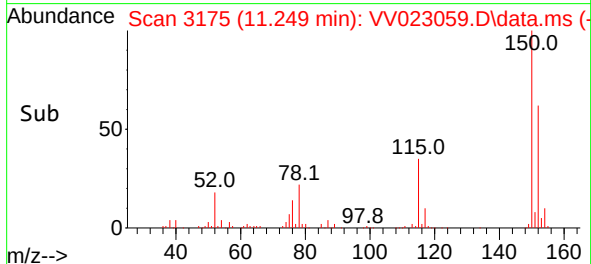
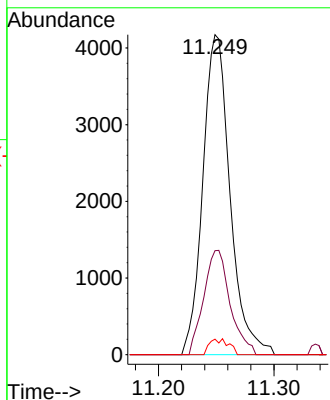
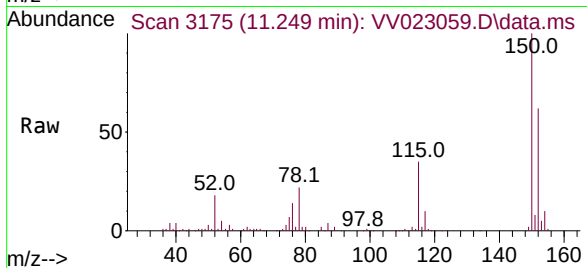




#61
1,2,3-Trichloropropane
Concen: 1.669 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
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Tgt Ion: 75 Resp: 6837
Ion Ratio Lower Upper
75 100
77 31.6 26.6 39.8
110 3.5 31.8 47.6#



#63
1,2,4-Trimethylbenzene
Concen: 0.148 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV023059.D
Acq: 27 Oct 2021 15:34

Tgt Ion: 105 Resp: 3482
Ion Ratio Lower Upper
105 100
120 40.8 37.4 56.2

