

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
 Data File : VV023160.D
 Acq On : 02 Nov 2021 20:17
 Operator : SY/MD
 Sample : M4412-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

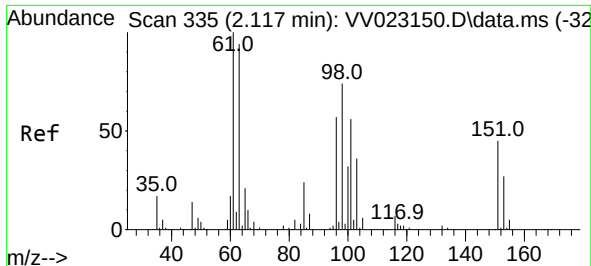
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 23:34:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

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

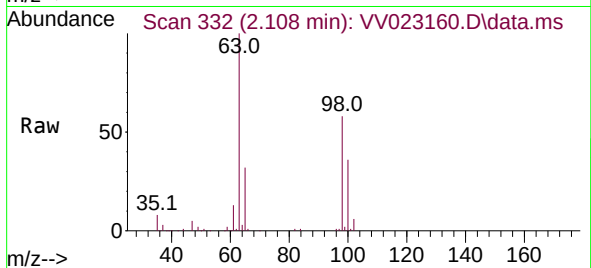
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121252	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43096	4.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.568	69	34698	5.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.111	63	60015	3.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.889	46	85090	50.064	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	4.352	84	86581	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.037	65	39652	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.053	84	167700	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.072	67	50984	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.320	98	147244	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.625	79	18460	4.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.088	63	68005	46.708	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33550	4.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	57479	5.181	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.108	96	460	0.074	ug/L #	1
13) Acetone	2.175	43	14335	17.191	ug/L	96
33) Benzene	5.105	78	27097	0.806	ug/L	100
37) 1,2-Dichloropropane	6.072	63	5540	0.654	ug/L #	83
42) Toluene	7.391	91	56917	1.671	ug/L	96
48) 2-Hexanone	8.088	43	8415	2.843	ug/L #	67
52) Ethylbenzene	9.018	91	7758	0.229	ug/L	97
53) m,p-xylene	9.140	106	10014	0.739	ug/L	97
54) o-xylene	9.548	106	8133	0.637	ug/L	95
62) 1,3,5-Trimethylbenzene	10.542	105	3140	0.124	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	12412	0.492	ug/L	96
71) Naphthalene	13.509	128	3087	0.215	ug/L #	92

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

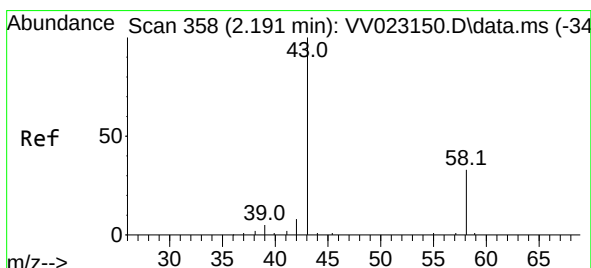
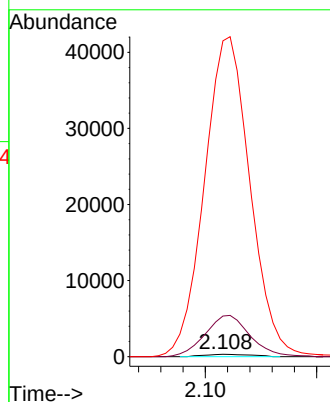
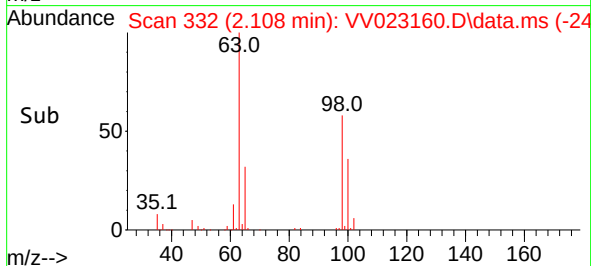


#12
 1,1-Dichloroethene
 Concen: 0.074 ug/L
 RT: 2.108 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VV023160.D
 Acq: 02 Nov 2021 20:17

Instrument :
 MSVOA_V
 ClientSampleId :

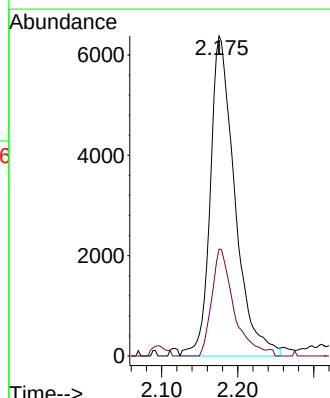
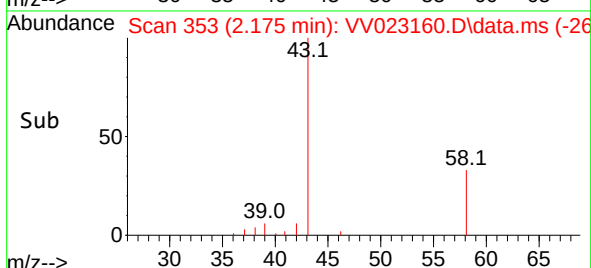
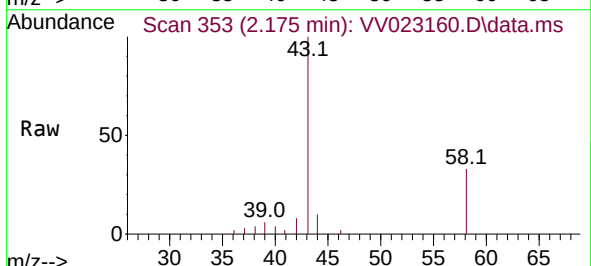


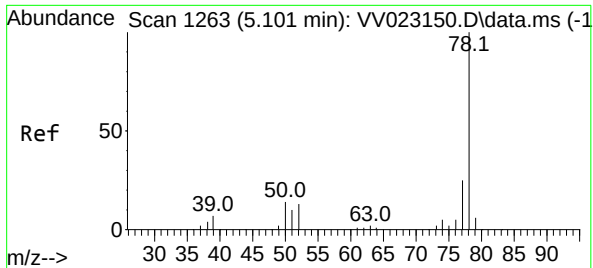
Tgt Ion: 96 Resp: 460
 Ion Ratio Lower Upper
 96 100
 61 1737.1 121.5 225.7#
 63 13524.4 99.6 185.0#



#13
 Acetone
 Concen: 17.191 ug/L
 RT: 2.175 min Scan# 353
 Delta R.T. -0.016 min
 Lab File: VV023160.D
 Acq: 02 Nov 2021 20:17

Tgt Ion: 43 Resp: 14335
 Ion Ratio Lower Upper
 43 100
 58 29.6 0.0 55.4

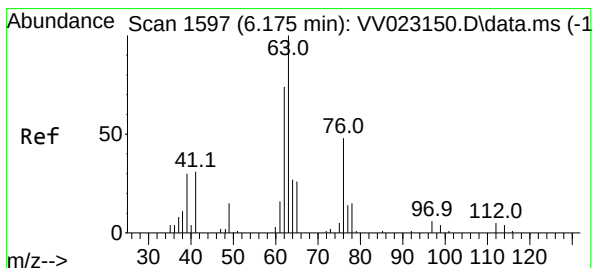
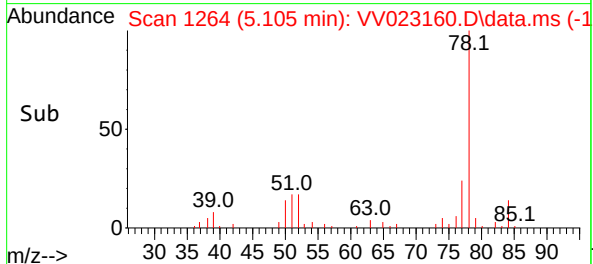
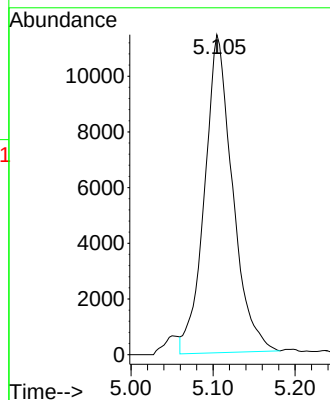
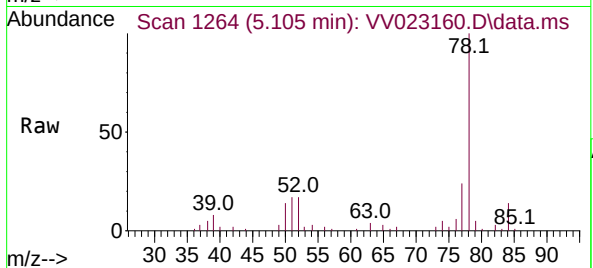




#33
Benzene
Concen: 0.806 ug/L
RT: 5.105 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

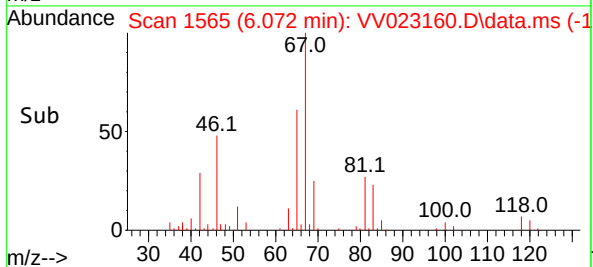
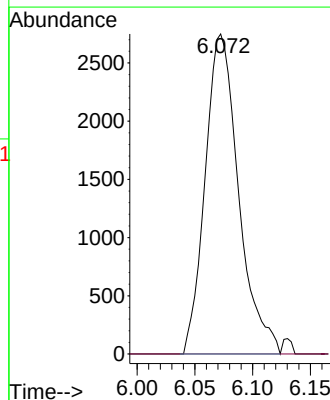
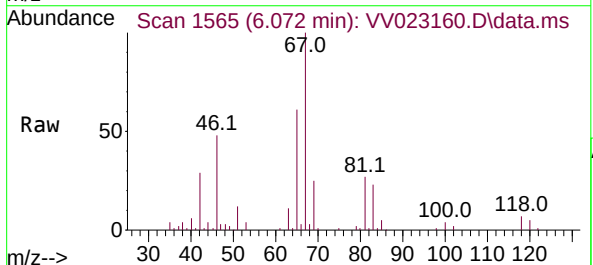
Instrument :
MSVOA_V
ClientSampleId :

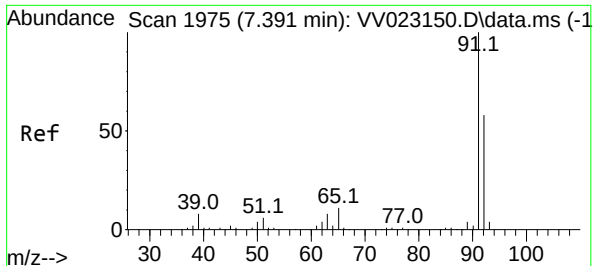
Tgt Ion: 78 Resp: 27097



#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Tgt Ion: 63 Resp: 5540
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#42

Toluene

Concen: 1.671 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV023160.D

Acq: 02 Nov 2021 20:17

Instrument :

MSVOA_V

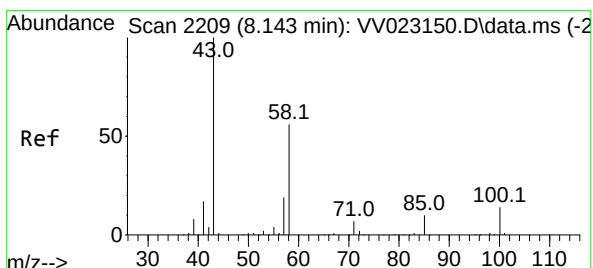
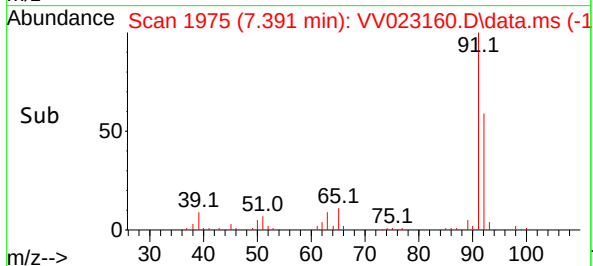
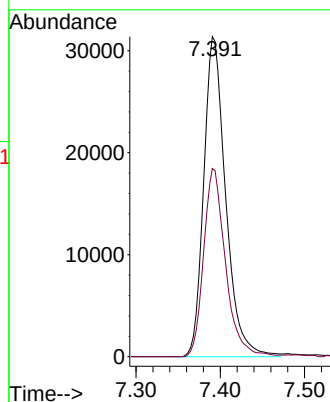
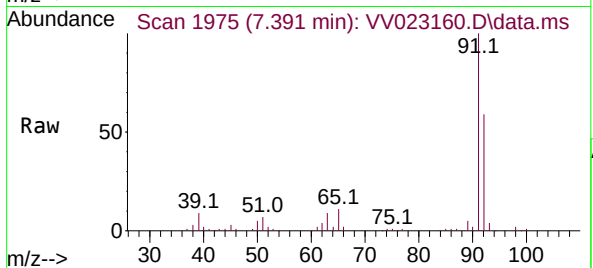
ClientSampleId :

Tgt Ion: 91 Resp: 56917

Ion Ratio Lower Upper

91 100

92 58.8 39.3 72.9



#48

2-Hexanone

Concen: 2.843 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.055 min

Lab File: VV023160.D

Acq: 02 Nov 2021 20:17

Tgt Ion: 43 Resp: 8415

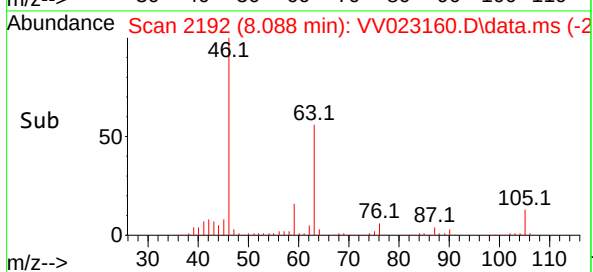
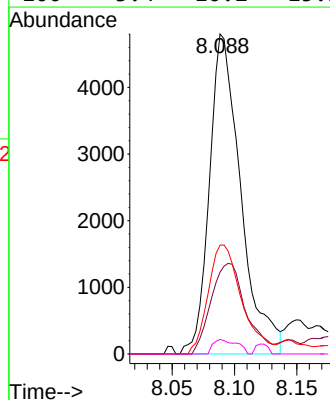
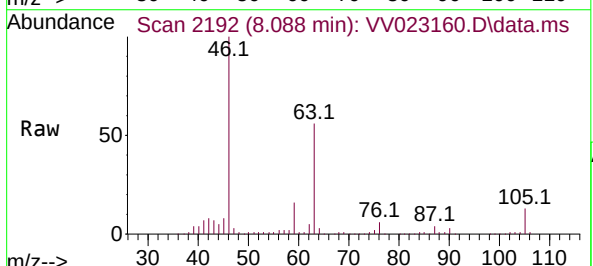
Ion Ratio Lower Upper

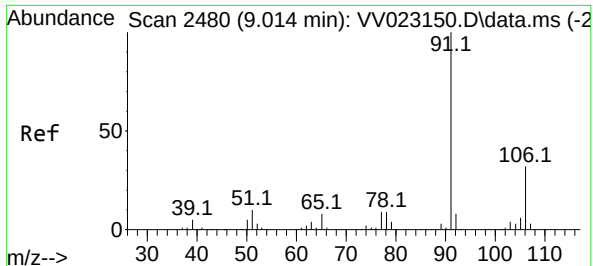
43 100

58 31.3 43.7 65.5#

57 36.7 14.1 21.1#

100 3.4 10.2 15.2#

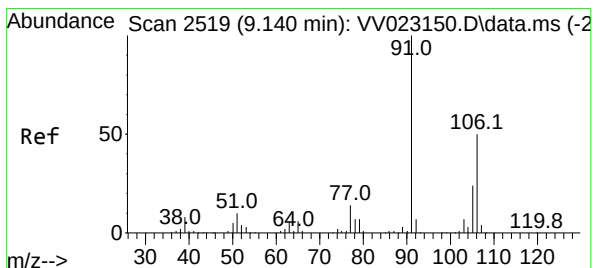
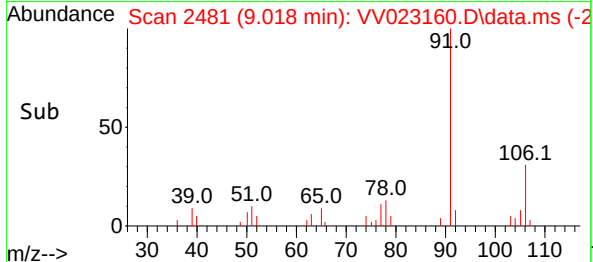
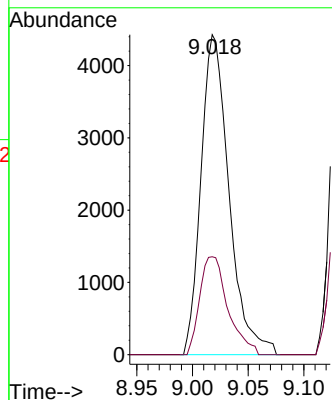
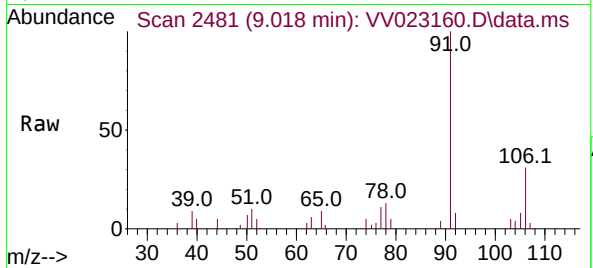




#52
Ethylbenzene
Concen: 0.229 ug/L
RT: 9.018 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

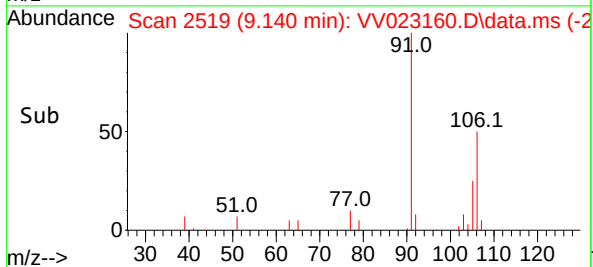
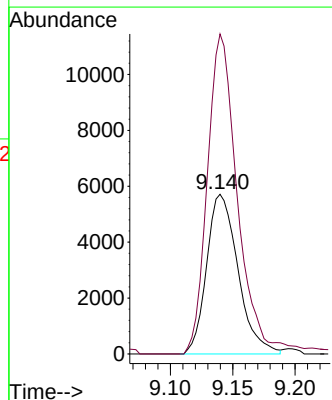
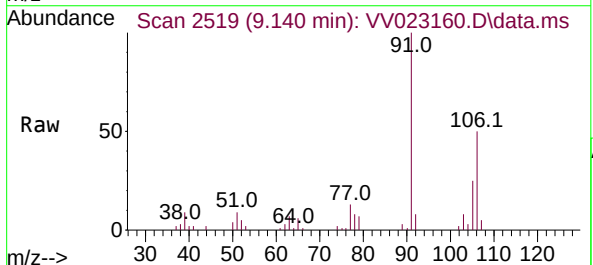
Instrument :
MSVOA_V
ClientSampleId :

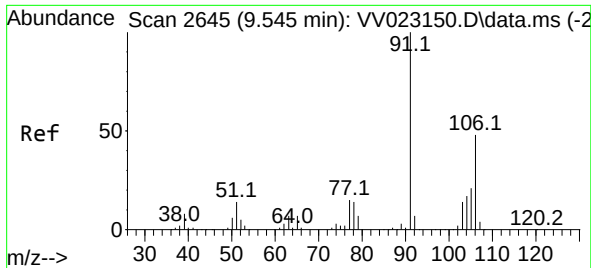
Tgt Ion: 91 Resp: 7758
Ion Ratio Lower Upper
91 100
106 30.6 22.5 41.9



#53
m,p-xylene
Concen: 0.739 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Tgt Ion: 106 Resp: 10014
Ion Ratio Lower Upper
106 100
91 200.3 137.2 254.8

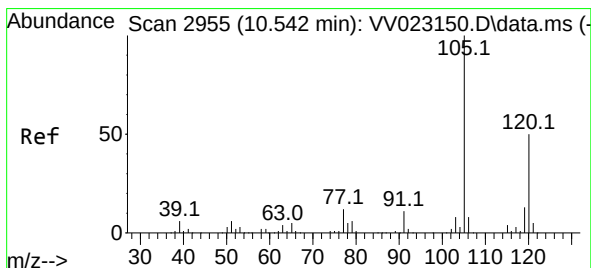
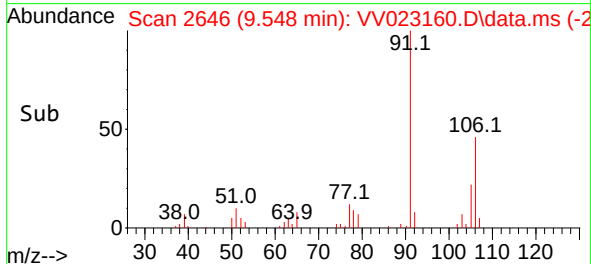
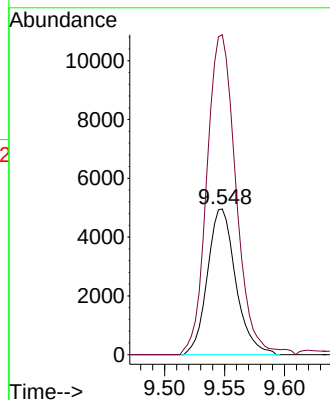
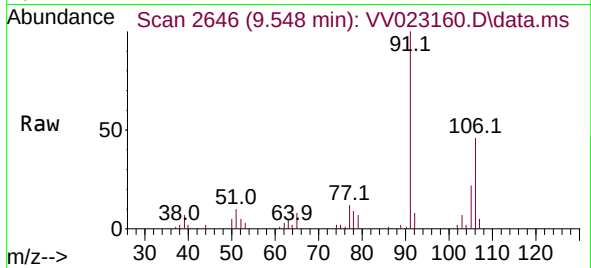




#54
o-xylene
Concen: 0.637 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

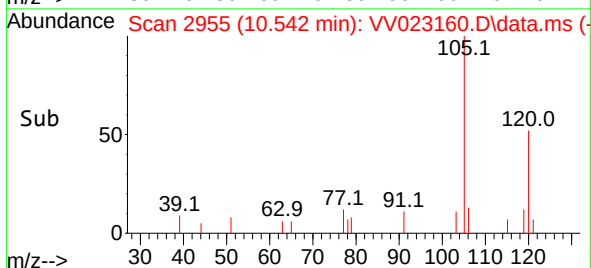
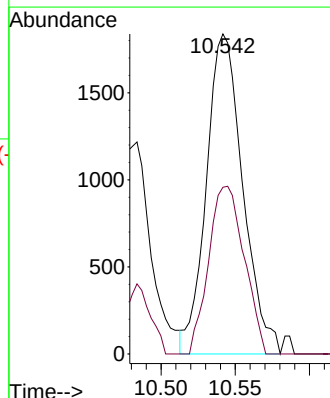
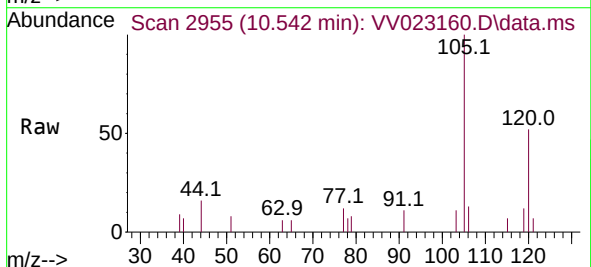
Instrument :
MSVOA_V
ClientSampleId :

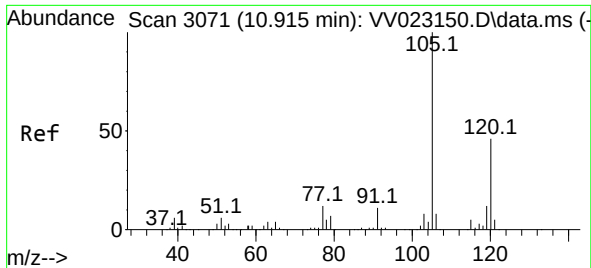
Tgt Ion:106 Resp: 8133
Ion Ratio Lower Upper
106 100
91 219.7 148.3 275.5



#62
1,3,5-Trimethylbenzene
Concen: 0.124 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Tgt Ion:105 Resp: 3140
Ion Ratio Lower Upper
105 100
120 51.0 39.7 59.5

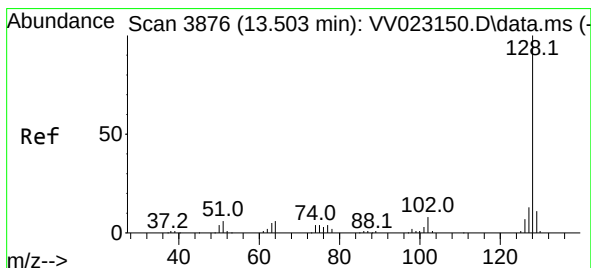
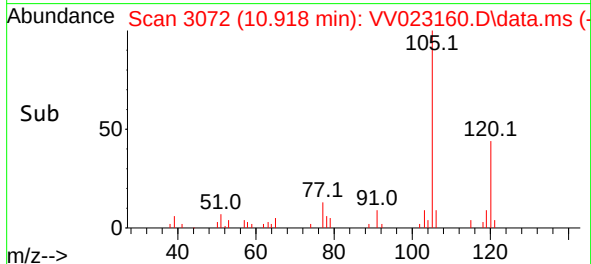
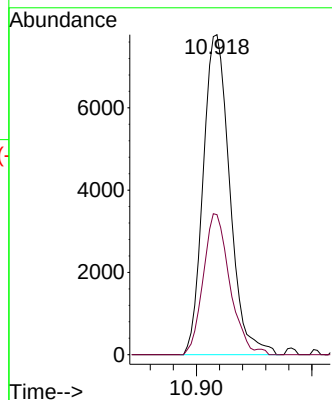
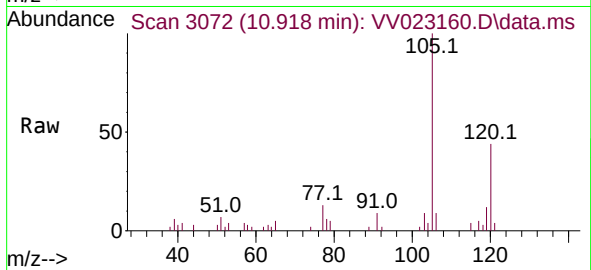




#63
1,2,4-Trimethylbenzene
Concen: 0.492 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 12412
Ion Ratio Lower Upper
105 100
120 44.1 37.4 56.2



#71
Naphthalene
Concen: 0.215 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV023160.D
Acq: 02 Nov 2021 20:17

Tgt Ion:128 Resp: 3087
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 7.9 10.5 15.7#

