

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
 Data File : VV032454.D
 Acq On : 17 Oct 2023 18:42
 Operator : SY/MD
 Sample : 04903-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 06:07:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

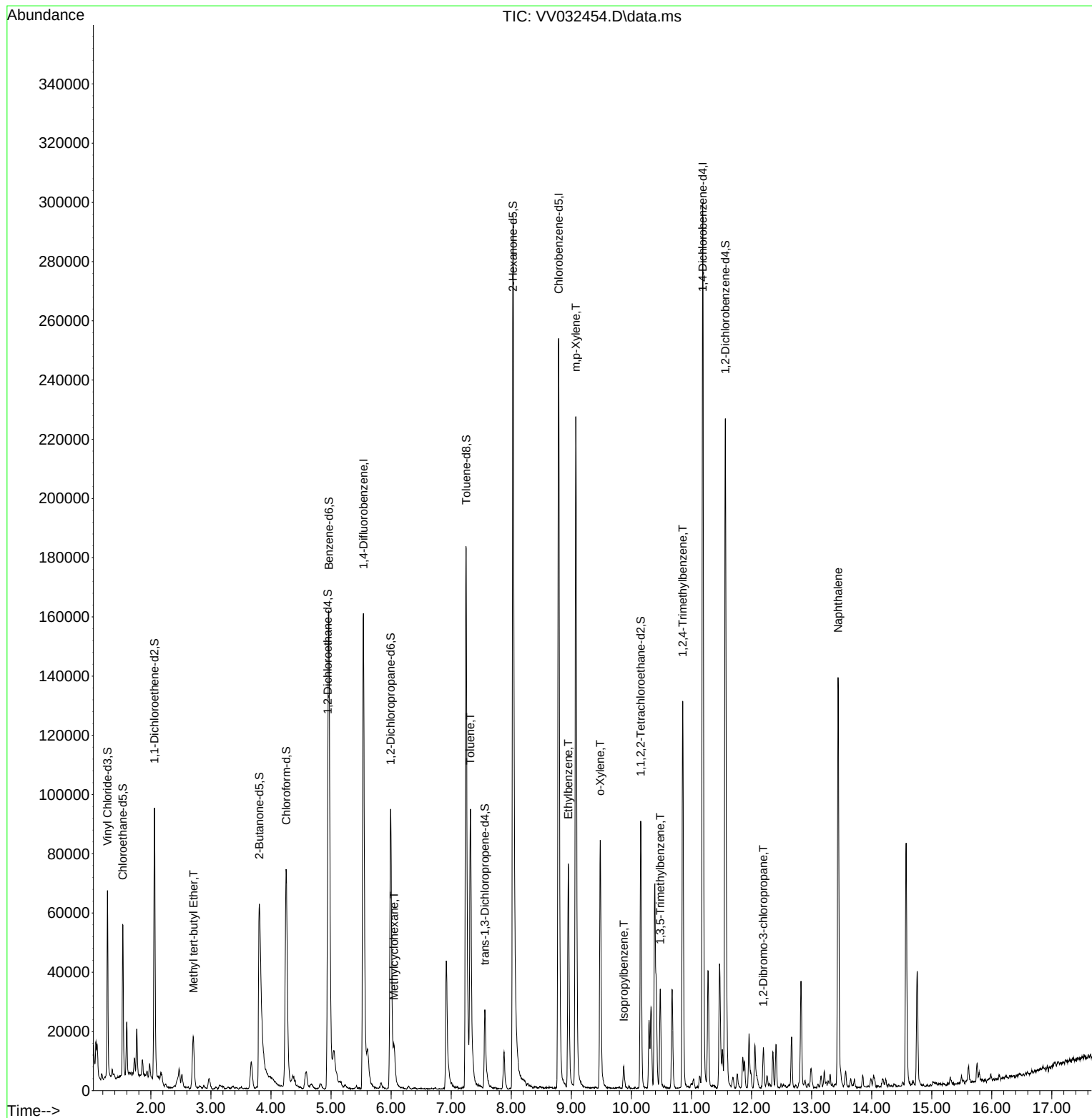
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	139967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	149322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	76120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35980	3.161	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.532	69	32500	3.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.060	65	15861	3.304	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	3.806	46	133380	46.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.640%
24) Chloroform-d	4.252	84	79698	3.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	4.947	65	40233	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	4.963	84	143629	3.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.400%#
36) 1,2-Dichloropropane-d6	5.992	67	48378	3.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.400%
41) Toluene-d8	7.249	98	132998	3.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	7.561	79	18197	3.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.030	63	114381	47.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	44404	4.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	56658	4.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.709	73	14918	0.534	ug/L #	73
35) Methylcyclohexane	6.047	83	3034	0.137	ug/L #	60
42) Toluene	7.320	91	77414	1.381	ug/L	99
52) Ethylbenzene	8.950	91	57158	0.916	ug/L	100
53) m,p-Xylene	9.075	106	66274	2.863	ug/L	98
54) o-Xylene	9.481	106	22574	1.012	ug/L	98
60) Isopropylbenzene	9.873	105	4829	0.082	ug/L #	95
62) 1,3,5-Trimethylbenzene	10.480	105	17305	0.359	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	71560	1.491	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.194	75	459	0.277	ug/L #	1
71) Naphthalene	13.442	128	109040	3.496	ug/L	100

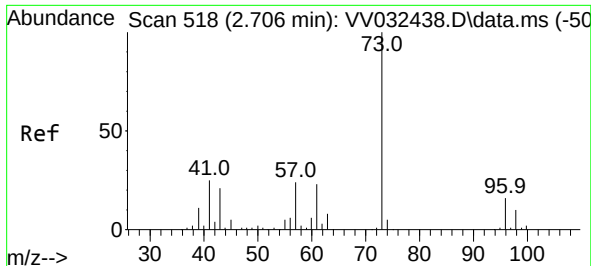
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032454.D
Acq On : 17 Oct 2023 18:42
Operator : SY/MD
Sample : 04903-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 18 06:07:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 18 06:02:40 2023
Response via : Initial Calibration

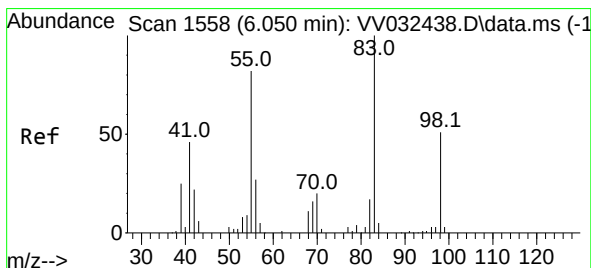
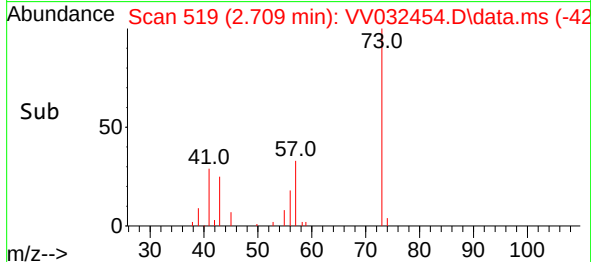
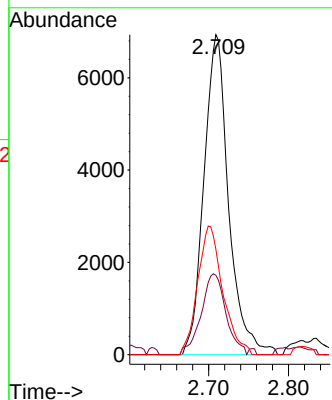
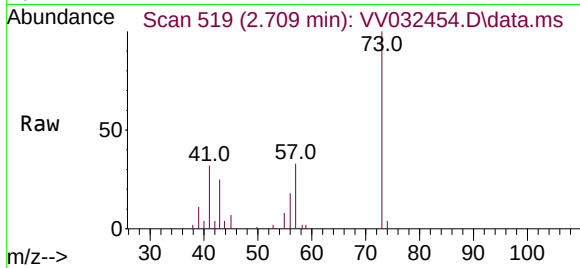




#17
Methyl tert-butyl Ether
Concen: 0.534 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

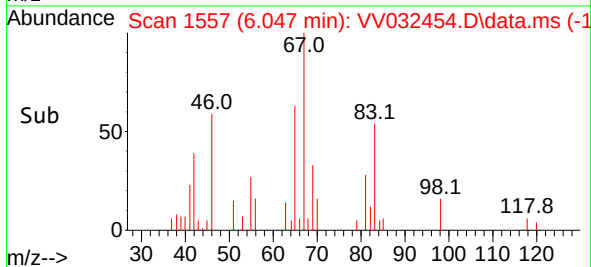
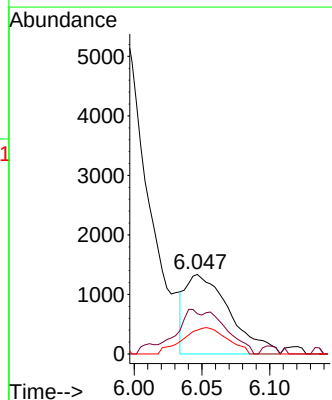
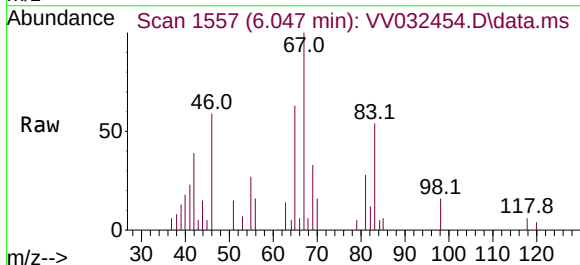
Instrument :
MSVOA_V
ClientSampleId :

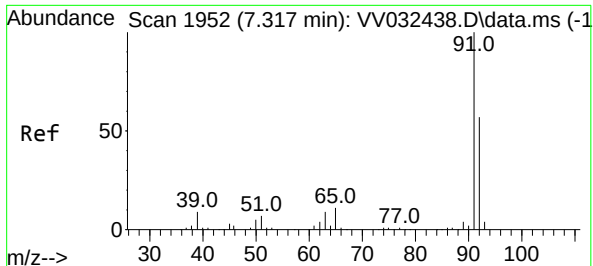
Tgt Ion: 73 Resp: 14918
Ion Ratio Lower Upper
73 100
43 25.3 15.1 22.7#
57 40.8 18.3 27.5#



#35
Methylcyclohexane
Concen: 0.137 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

Tgt Ion: 83 Resp: 3034
Ion Ratio Lower Upper
83 100
55 35.4 64.2 96.2#
98 33.5 39.6 59.4#





#42

Toluene

Concen: 1.381 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV032454.D

Acq: 17 Oct 2023 18:42

Instrument :

MSVOA_V

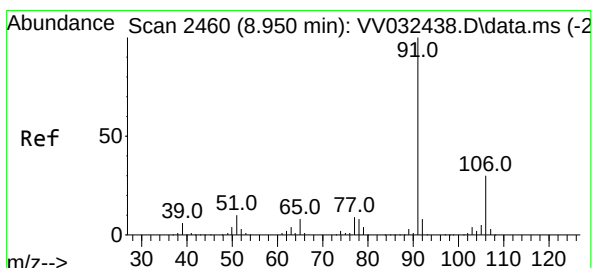
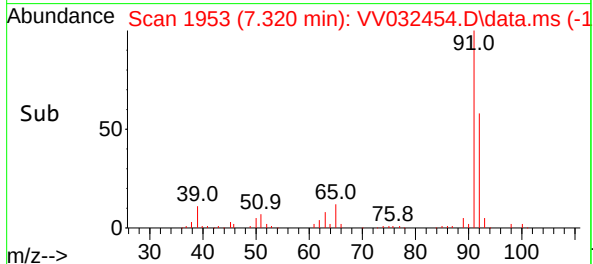
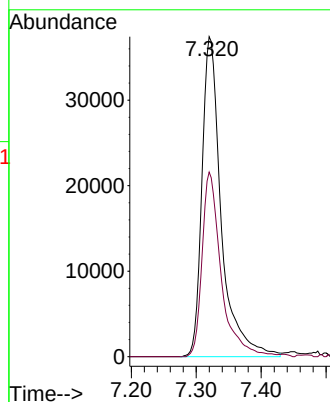
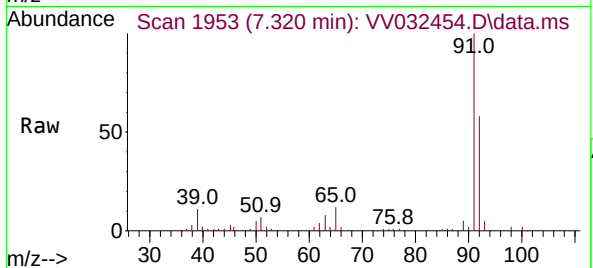
ClientSampleId :

Tgt Ion: 91 Resp: 77414

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#52

Ethylbenzene

Concen: 0.916 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV032454.D

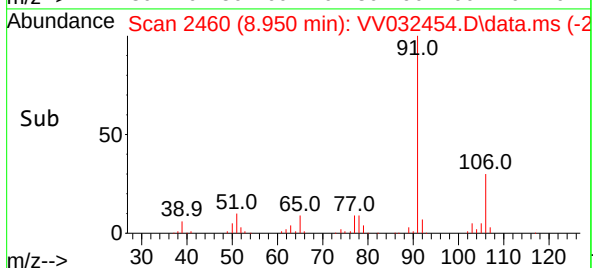
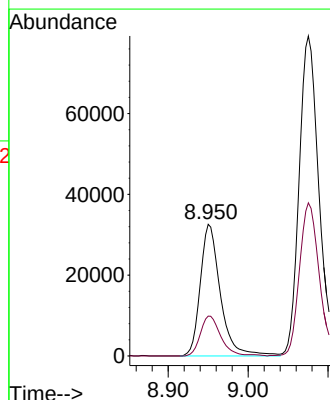
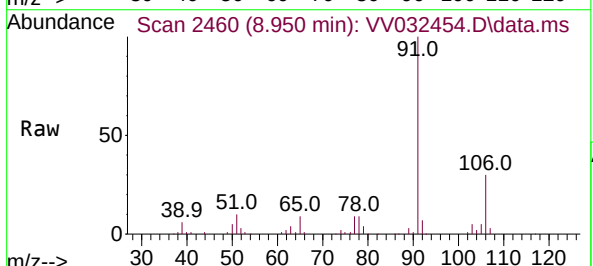
Acq: 17 Oct 2023 18:42

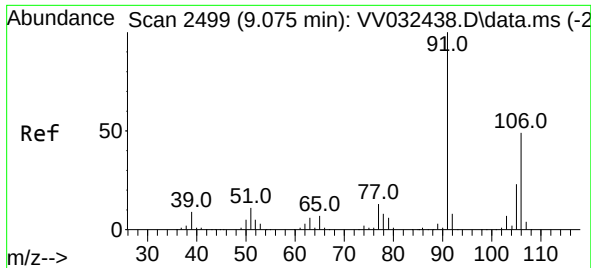
Tgt Ion: 91 Resp: 57158

Ion Ratio Lower Upper

91 100

106 30.3 21.3 39.5

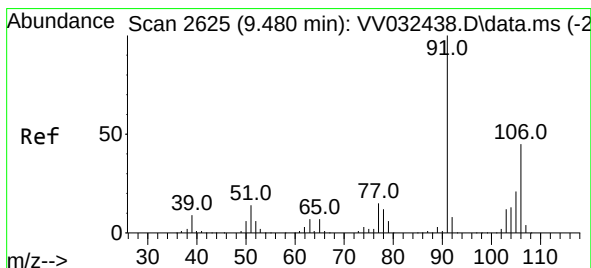
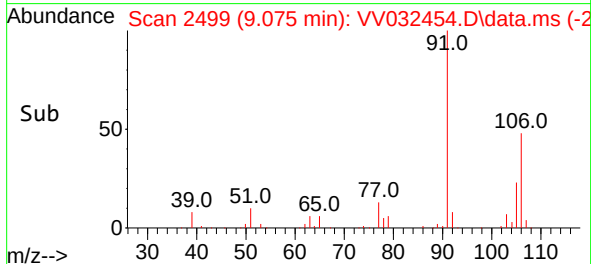
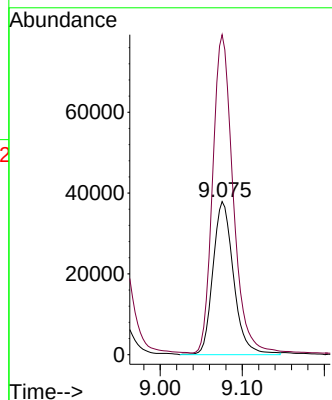
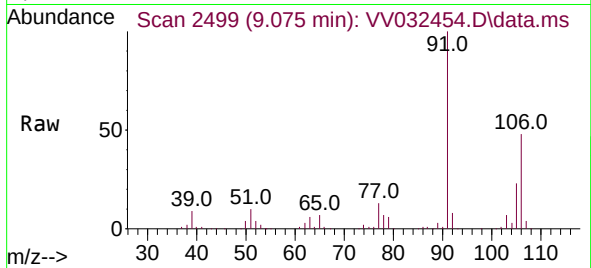




#53
m,p-Xylene
Concen: 2.863 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

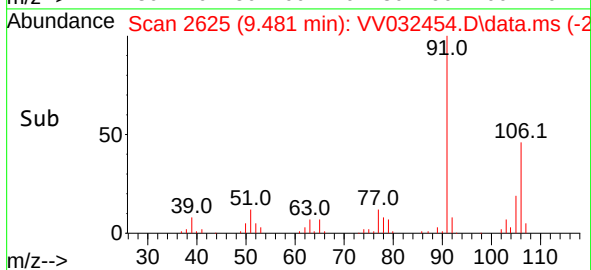
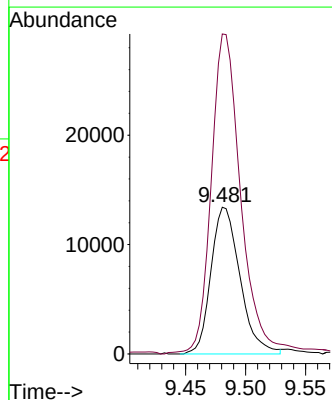
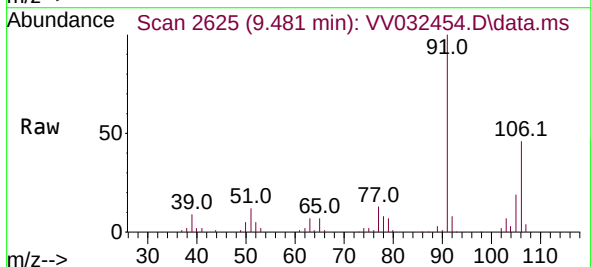
Instrument :
MSVOA_V
ClientSampleId :

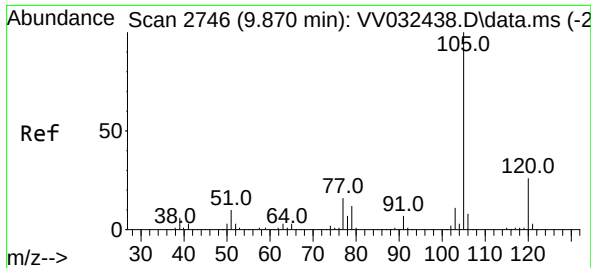
Tgt Ion:106 Resp: 66274
Ion Ratio Lower Upper
106 100
91 209.1 144.5 268.3



#54
o-Xylene
Concen: 1.012 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

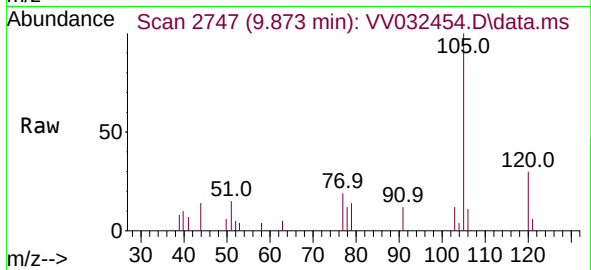
Tgt Ion:106 Resp: 22574
Ion Ratio Lower Upper
106 100
91 218.1 154.8 287.4



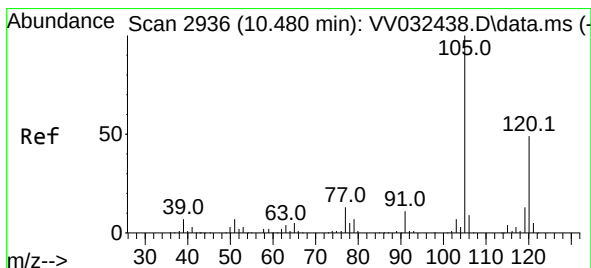
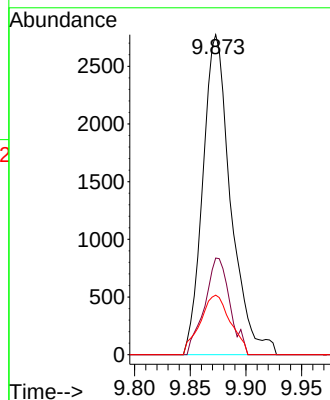
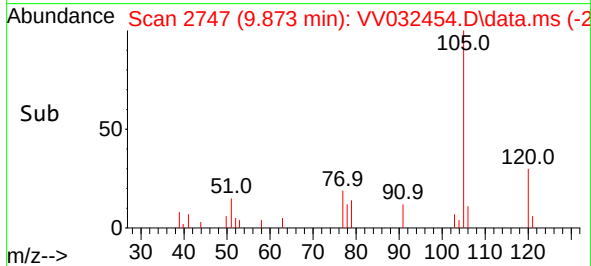


#60
Isopropylbenzene
Concen: 0.082 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

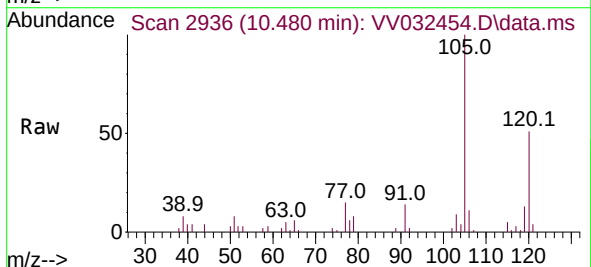
Instrument :
MSVOA_V
ClientSampleId :



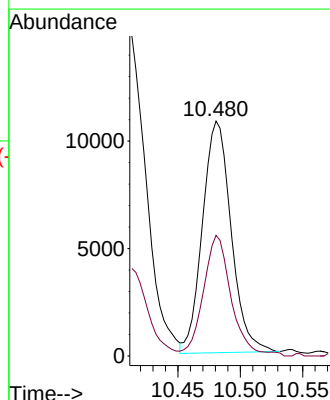
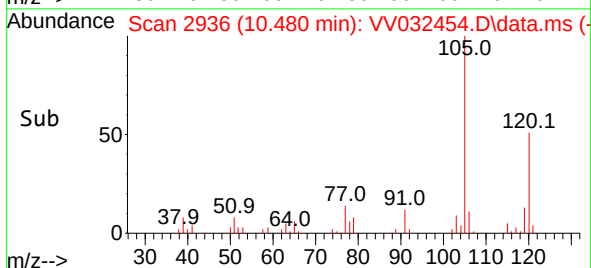
Tgt Ion:105 Resp: 4829
Ion Ratio Lower Upper
105 100
120 27.4 21.0 31.6
77 20.2 12.6 19.0#

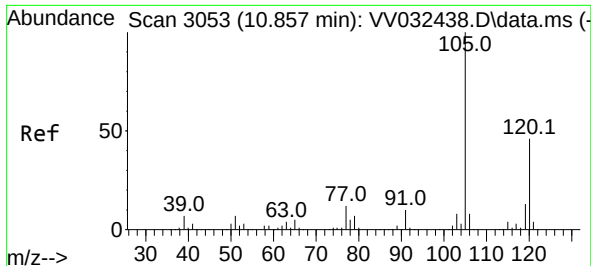


#62
1,3,5-Trimethylbenzene
Concen: 0.359 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42



Tgt Ion:105 Resp: 17305
Ion Ratio Lower Upper
105 100
120 50.4 39.9 59.9

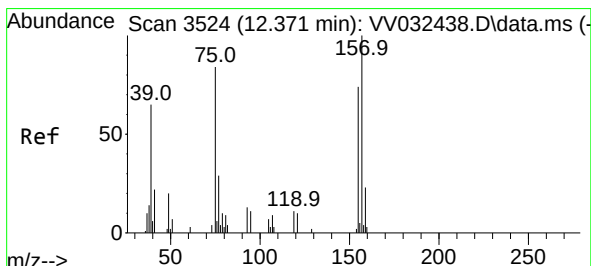
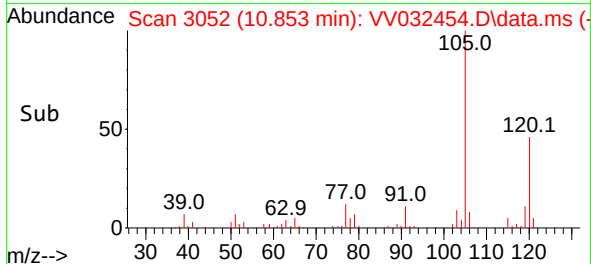
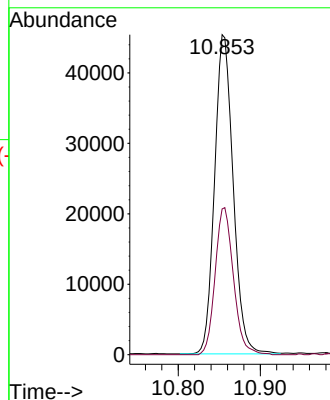
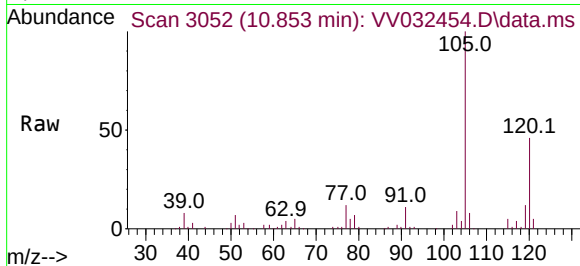




#63
1,2,4-Trimethylbenzene
Concen: 1.491 ug/L
RT: 10.853 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

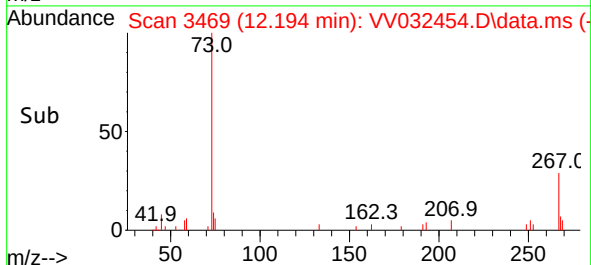
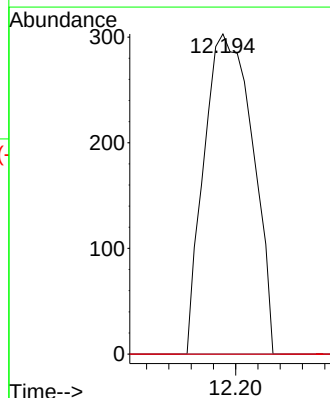
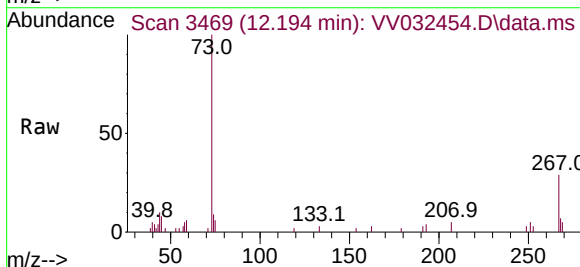
Instrument :
MSVOA_V
ClientSampleId :

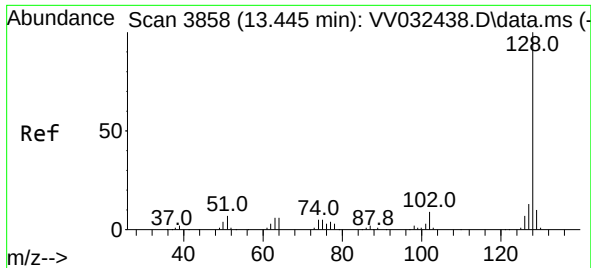
Tgt Ion:105 Resp: 71560
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.277 ug/L
RT: 12.194 min Scan# 3469
Delta R.T. -0.177 min
Lab File: VV032454.D
Acq: 17 Oct 2023 18:42

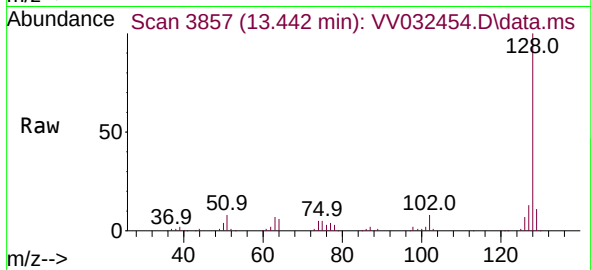
Tgt Ion: 75 Resp: 459
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#





#71
 Naphthalene
 Concen: 3.496 ug/L
 RT: 13.442 min Scan# 3857
 Delta R.T. -0.003 min
 Lab File: VV032454.D
 Acq: 17 Oct 2023 18:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:128 Resp: 109040
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.0 13.4
 127 12.7 10.2 15.2

