

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032517.D
 Acq On : 20 Oct 2023 12:16
 Operator : SY/MD
 Sample : 04950-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 23:05:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 23:03:10 2023
 Response via : Initial Calibration

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

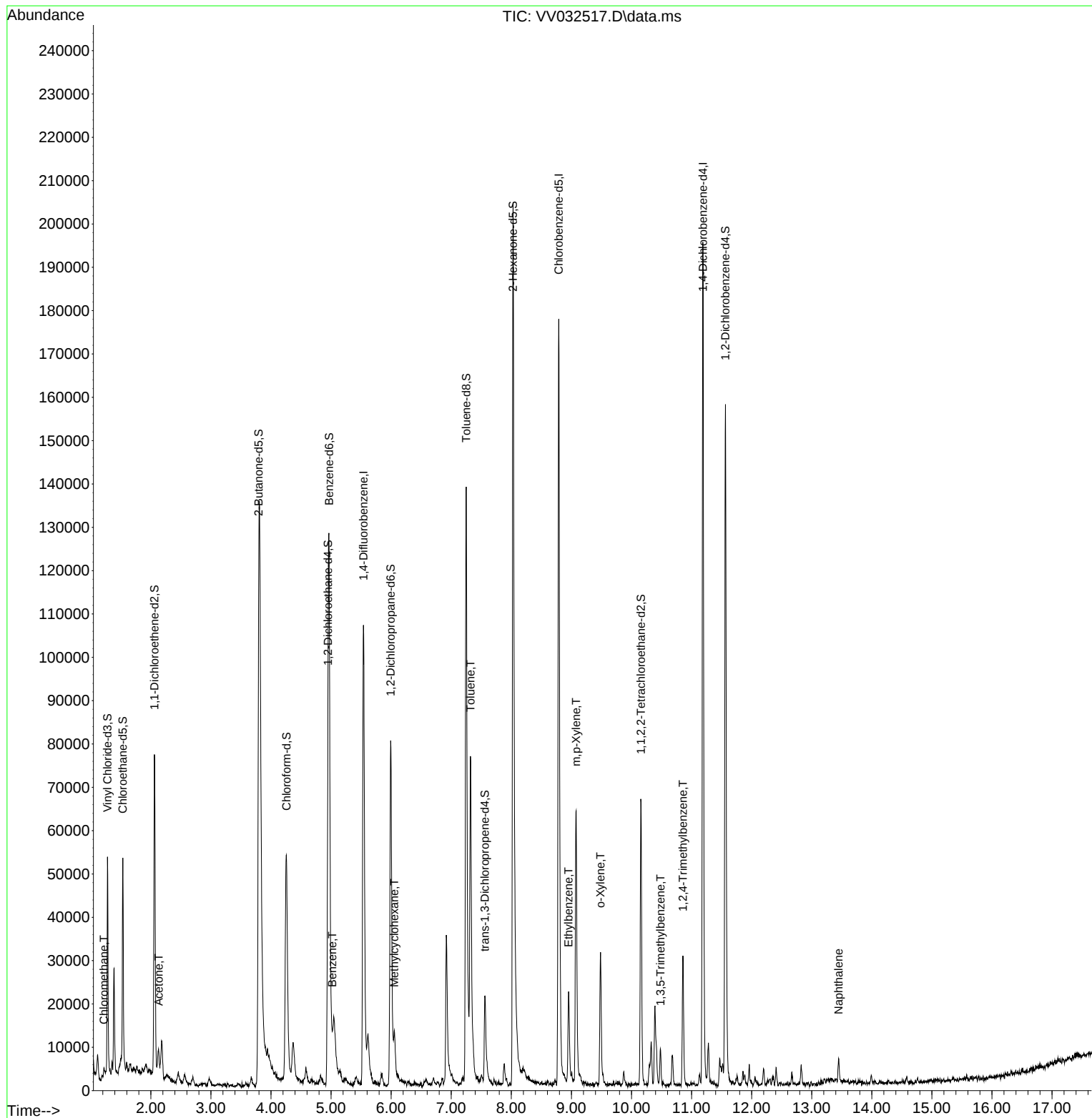
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	89585	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31159	4.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.532	69	30448	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.060	65	12691	4.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.796	46	89876	48.764	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.520%
24) Chloroform-d	4.256	84	55954	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	4.947	65	30055	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	4.966	84	112913	3.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	5.992	67	37823	3.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.249	98	99035	3.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	7.561	79	13983	4.017	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.027	63	75289	45.970	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.940%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32211	4.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	38003	4.258	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	959	0.095	ug/L #	76
13) Acetone	2.130	43	6663	4.690	ug/L	98
33) Benzene	5.021	78	5696	0.161	ug/L	100
35) Methylcyclohexane	6.050	83	2351	0.157	ug/L #	86
42) Toluene	7.320	91	59561	1.575	ug/L	99
52) Ethylbenzene	8.953	91	14779	0.351	ug/L	98
53) m,p-Xylene	9.079	106	18767	1.202	ug/L	99
54) o-Xylene	9.484	106	8348	0.555	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	4466	0.147	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	15239	0.502	ug/L	99
71) Naphthalene	13.448	128	3614	0.183	ug/L	97

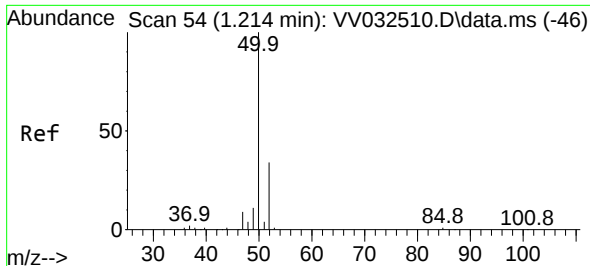
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032517.D
Acq On : 20 Oct 2023 12:16
Operator : SY/MD
Sample : 04950-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 20 23:05:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration

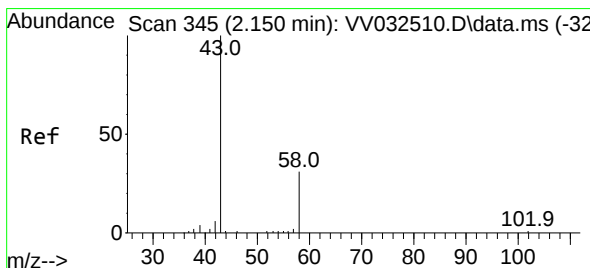
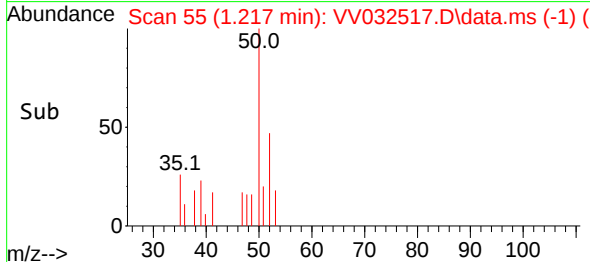
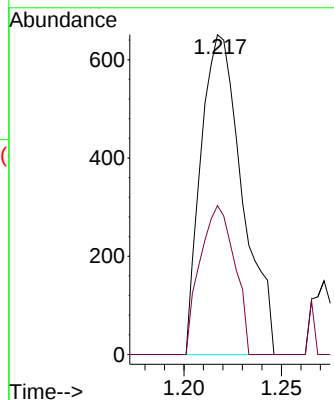
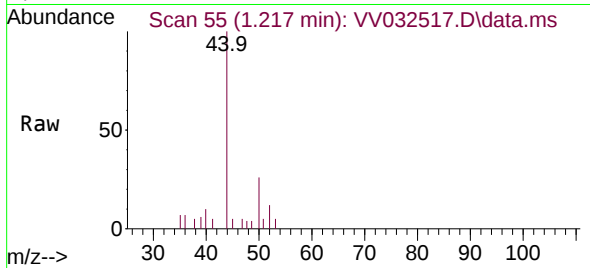




#3
Chloromethane
Concen: 0.095 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

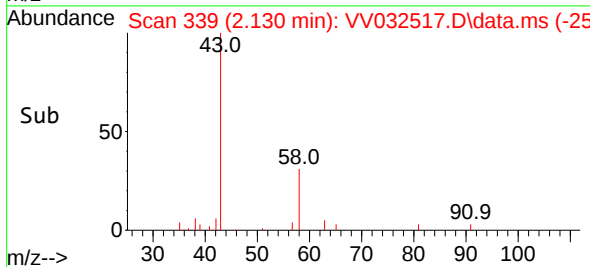
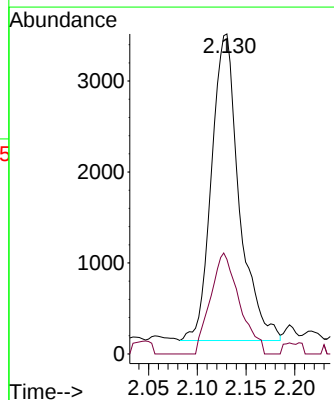
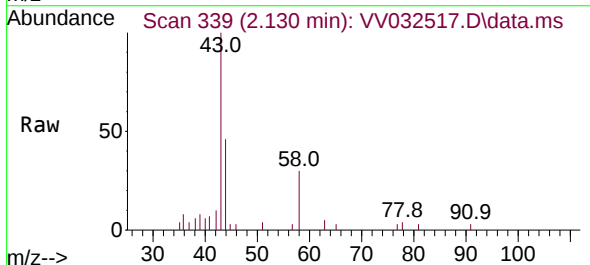
Instrument :
MSVOA_V
ClientSampleId :

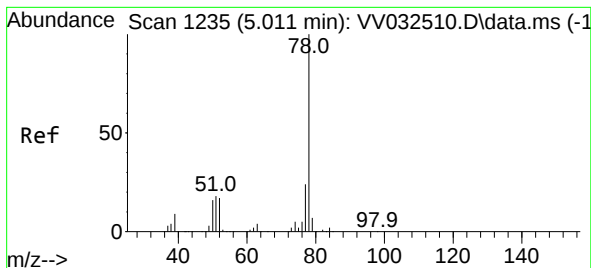
Tgt Ion: 50 Resp: 959
Ion Ratio Lower Upper
50 100
52 46.5 23.0 42.6#



#13
Acetone
Concen: 4.690 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.019 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Tgt Ion: 43 Resp: 6663
Ion Ratio Lower Upper
43 100
58 34.4 0.0 66.0





#33

Benzene

Concen: 0.161 ug/L

RT: 5.021 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV032517.D

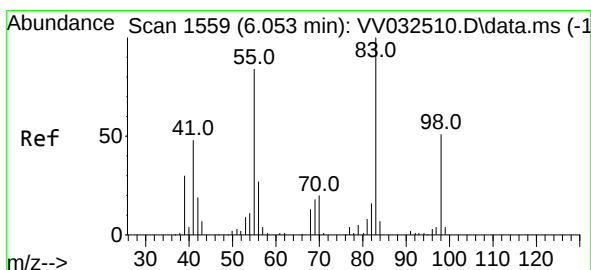
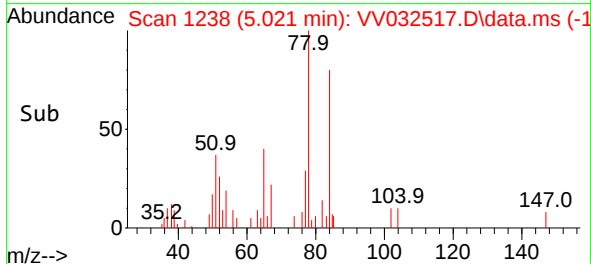
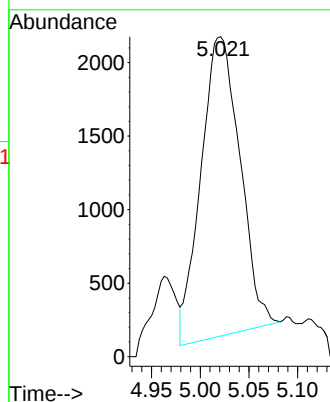
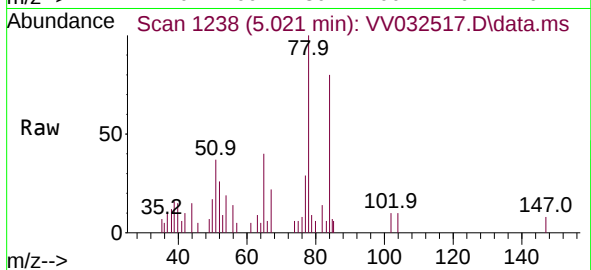
Acq: 20 Oct 2023 12:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 5696



#35

Methylcyclohexane

Concen: 0.157 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV032517.D

Acq: 20 Oct 2023 12:16

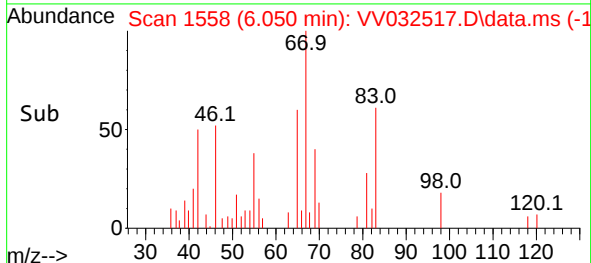
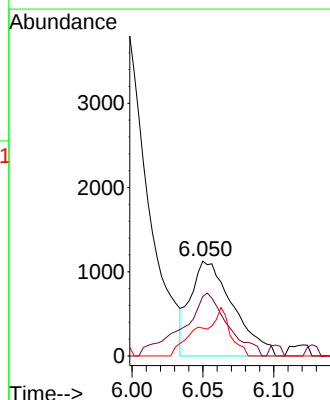
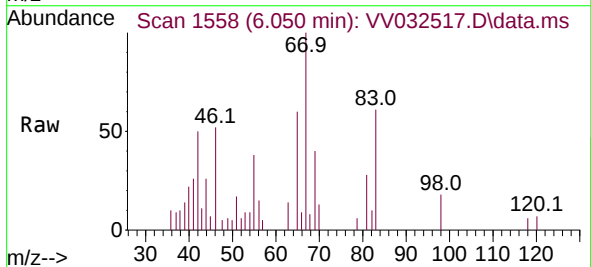
Tgt Ion: 83 Resp: 2351

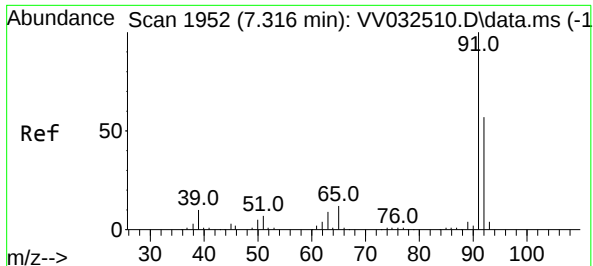
Ion Ratio Lower Upper

83 100

55 69.8 64.2 96.2

98 36.7 39.6 59.4#





#42

Toluene

Concen: 1.575 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV032517.D

Acq: 20 Oct 2023 12:16

Instrument :

MSVOA_V

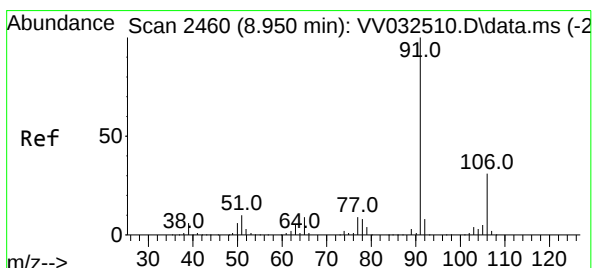
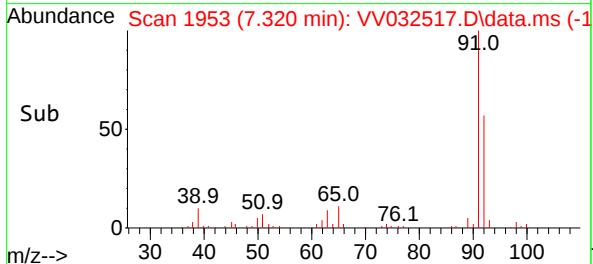
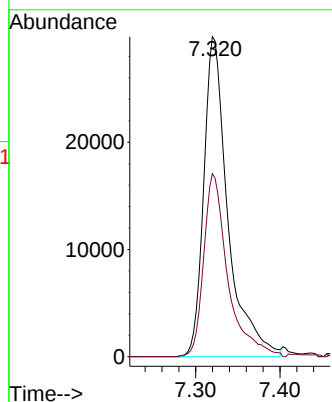
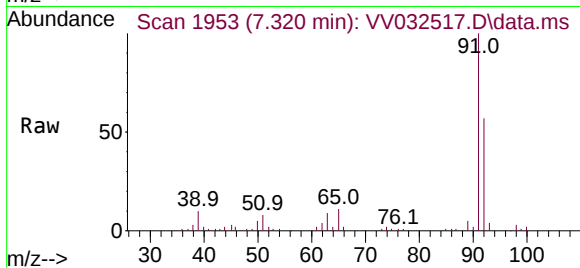
ClientSampleId :

Tgt Ion: 91 Resp: 59561

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#52

Ethylbenzene

Concen: 0.351 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV032517.D

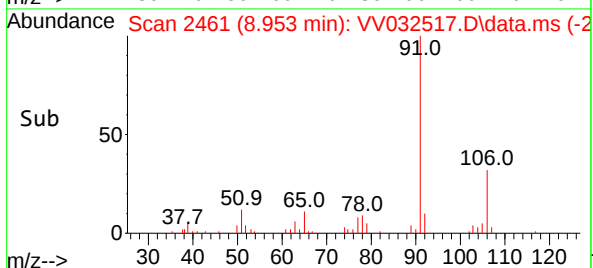
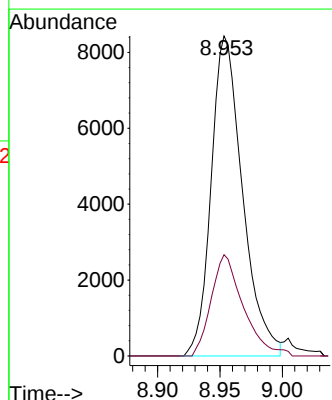
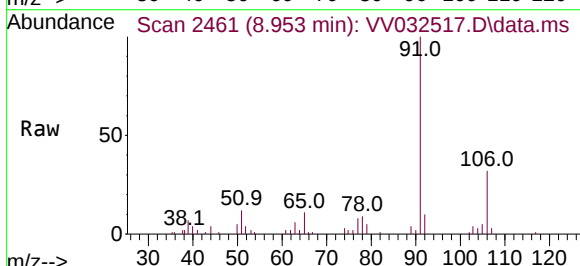
Acq: 20 Oct 2023 12:16

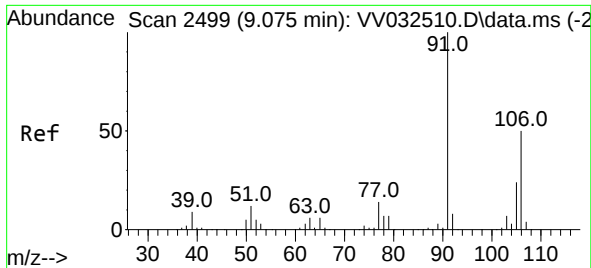
Tgt Ion: 91 Resp: 14779

Ion Ratio Lower Upper

91 100

106 31.6 21.3 39.5

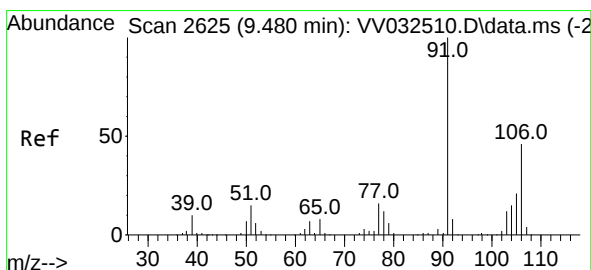
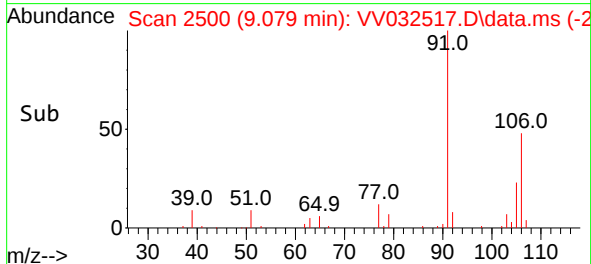
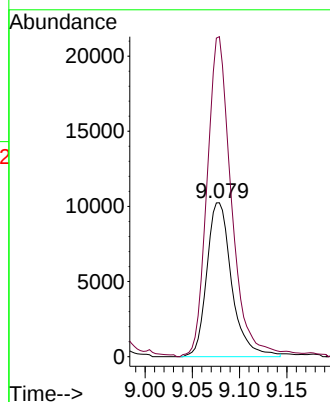
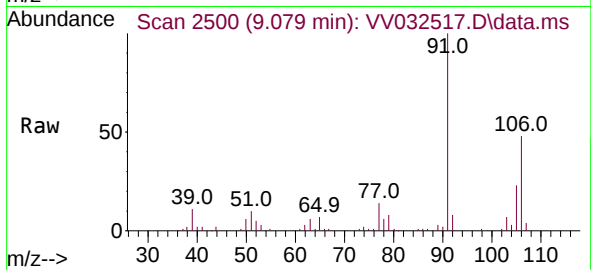




#53
m,p-Xylene
Concen: 1.202 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

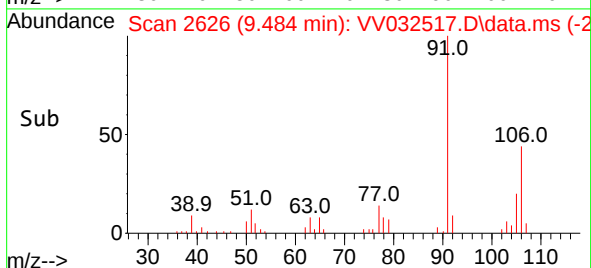
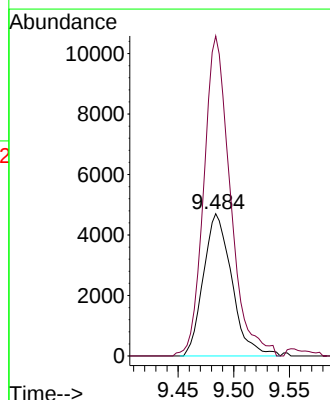
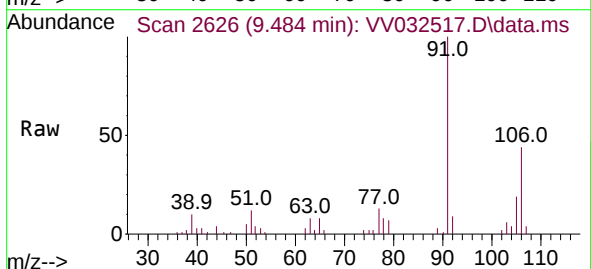
Instrument :
MSVOA_V
ClientSampleId :

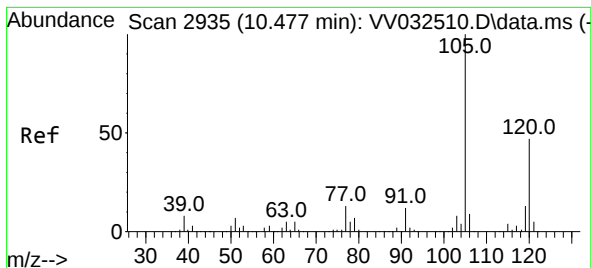
Tgt Ion:106 Resp: 18767
Ion Ratio Lower Upper
106 100
91 207.9 144.5 268.3



#54
o-Xylene
Concen: 0.555 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Tgt Ion:106 Resp: 8348
Ion Ratio Lower Upper
106 100
91 224.9 154.8 287.4





#62

1,3,5-Trimethylbenzene

Concen: 0.147 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.007 min

Lab File: VV032517.D

Acq: 20 Oct 2023 12:16

Instrument :

MSVOA_V

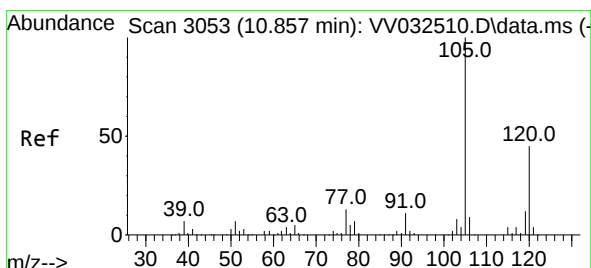
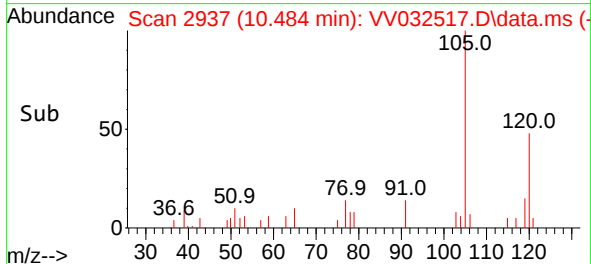
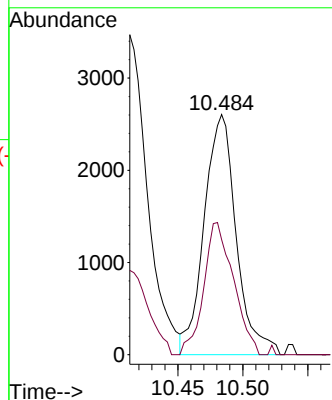
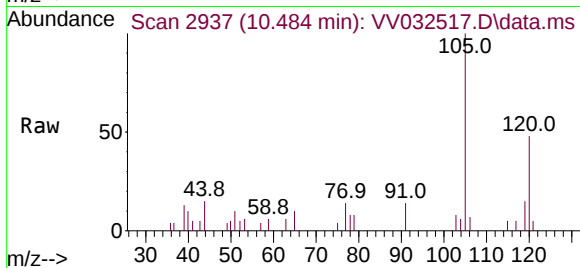
ClientSampleId :

Tgt Ion:105 Resp: 4466

Ion Ratio Lower Upper

105 100

120 51.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 0.502 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV032517.D

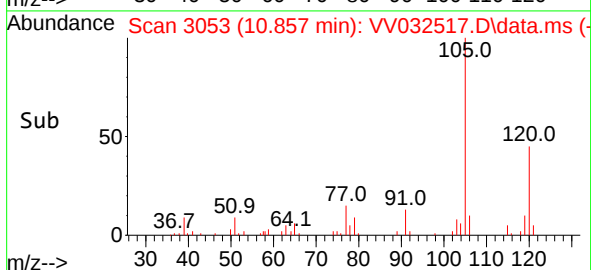
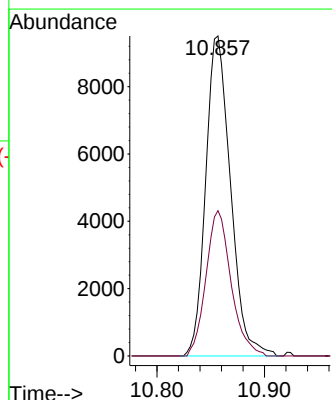
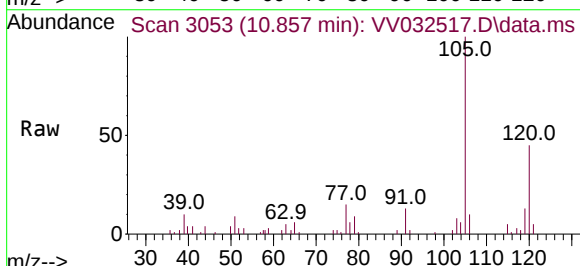
Acq: 20 Oct 2023 12:16

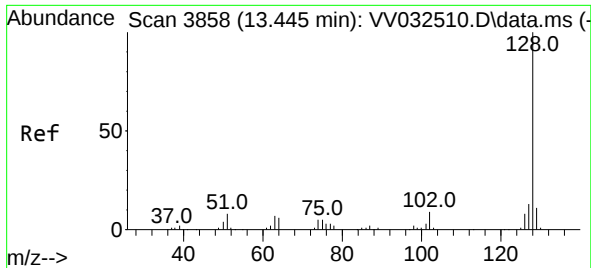
Tgt Ion:105 Resp: 15239

Ion Ratio Lower Upper

105 100

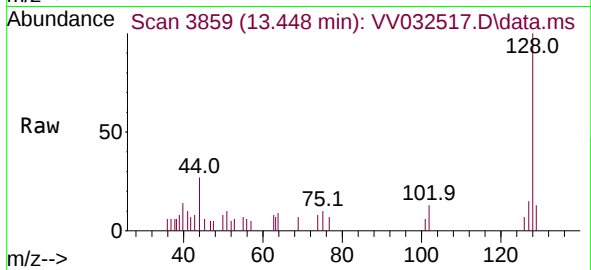
120 46.0 36.2 54.4





#71
Naphthalene
Concen: 0.183 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.003 min
Lab File: VV032517.D
Acq: 20 Oct 2023 12:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	3614
Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.0	13.4
127	11.4	10.2	15.2

