

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
 Data File : VV034063.D
 Acq On : 08 Feb 2024 16:56
 Operator : SY/MD
 Sample : P1400-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:44:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

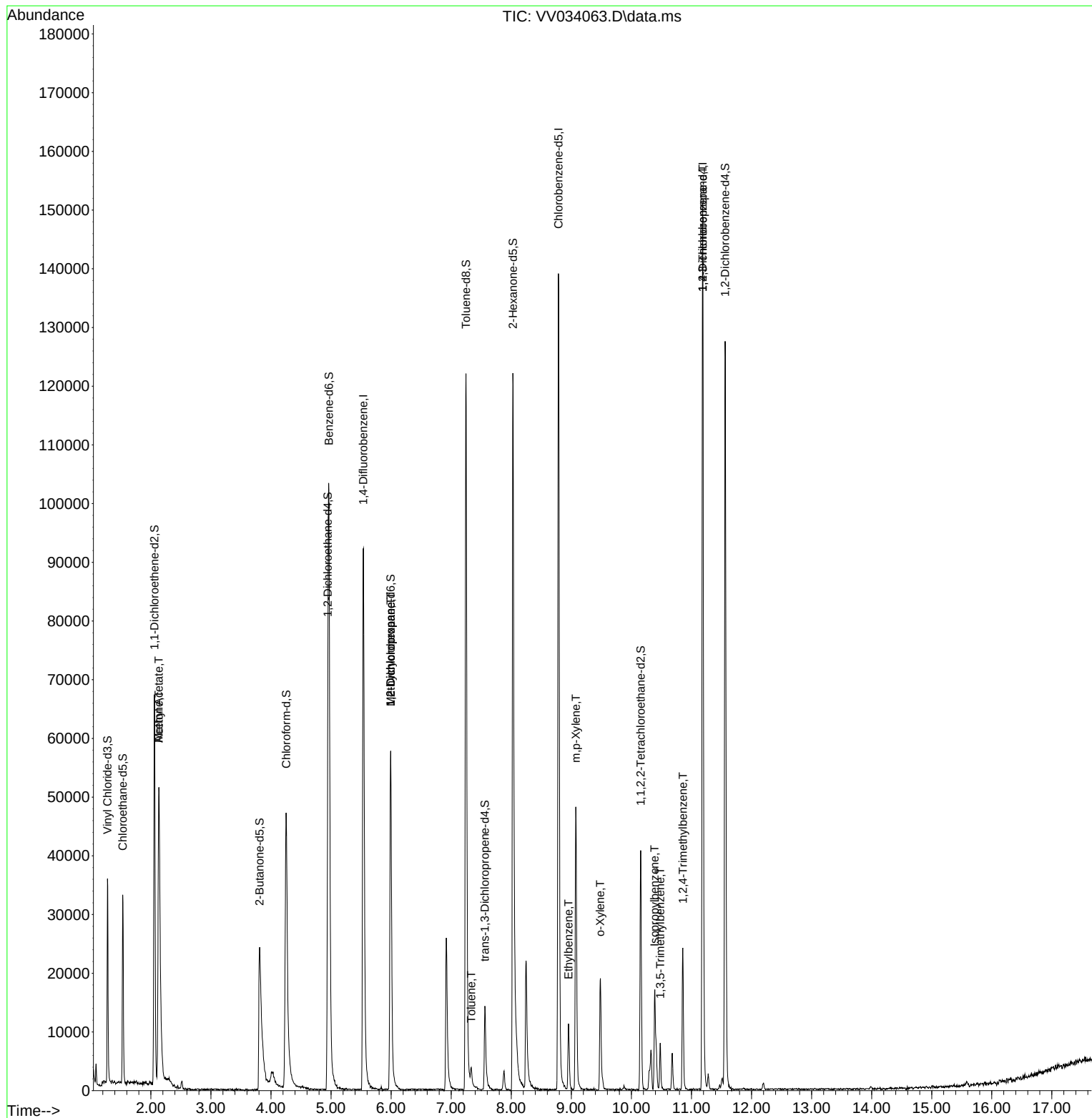
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	81550	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	75503	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20281	3.211	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.200%	
7) Chloroethane-d5	1.532	69	20331	3.675	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.600%	
11) 1,1-Dichloroethene-d2	2.059	65	11219	3.683	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.600%	
20) 2-Butanone-d5	3.809	46	52830	49.805	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.620%	
24) Chloroform-d	4.252	84	49433	4.307	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	4.947	65	24801	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	4.963	84	92730	4.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	5.992	67	26801	4.232	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.600%	
41) Toluene-d8	7.246	98	84075	4.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	7.561	79	9767	4.085	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.027	63	45613	53.440	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.880%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19024	4.956	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	32939	4.618	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.400%	
Target Compounds						
					Qvalue	
13) Acetone	2.133	43	86382	107.344	ug/L #	37
15) Methyl Acetate	2.133	43	83037	43.600	ug/L #	53
35) Methylcyclohexane	5.992	83	6575	0.639	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3683	0.671	ug/L #	87
42) Toluene	7.333	91	3059	0.126	ug/L	96
52) Ethylbenzene	8.953	91	8691	0.312	ug/L	100
53) m,p-Xylene	9.075	106	14270	1.355	ug/L	98
54) o-Xylene	9.480	106	5406	0.533	ug/L	99
60) Isopropylbenzene	10.387	105	14985	0.516	ug/L	93
61) 1,2,3-Trichloropropane	11.188	75	4679	1.735	ug/L #	60
62) 1,3,5-Trimethylbenzene	10.480	105	4619	0.188	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	13559	0.569	ug/L	98

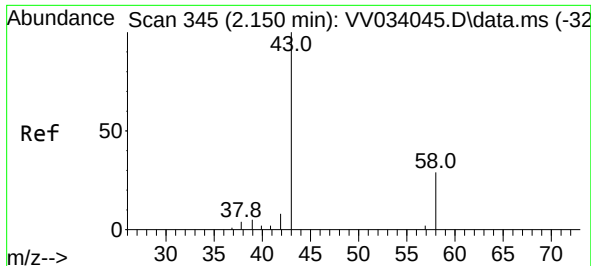
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 107.344 ug/L

RT: 2.133 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV034063.D

Acq: 08 Feb 2024 16:56

Instrument :

MSVOA_V

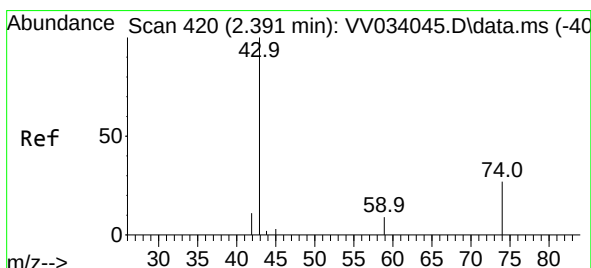
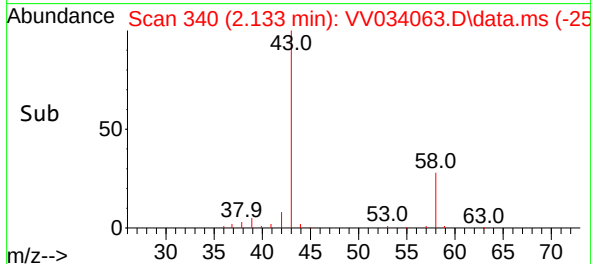
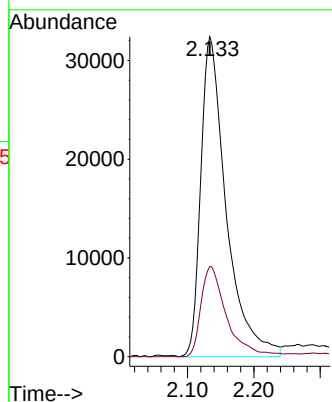
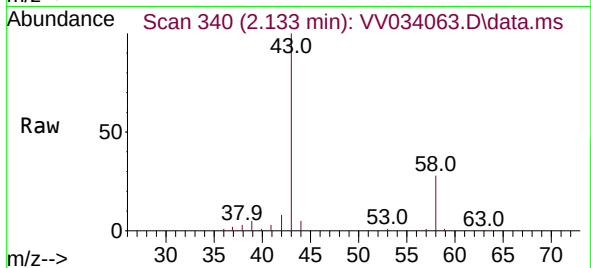
ClientSampleId :

Tgt Ion: 43 Resp: 86382

Ion Ratio Lower Upper

43 100

58 28.5 0.0 13.8#



#15

Methyl Acetate

Concen: 43.600 ug/L

RT: 2.133 min Scan# 340

Delta R.T. -0.257 min

Lab File: VV034063.D

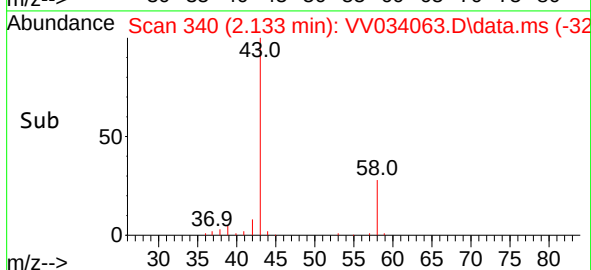
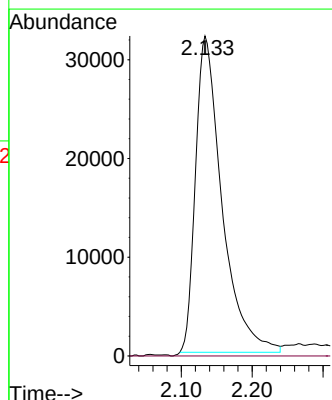
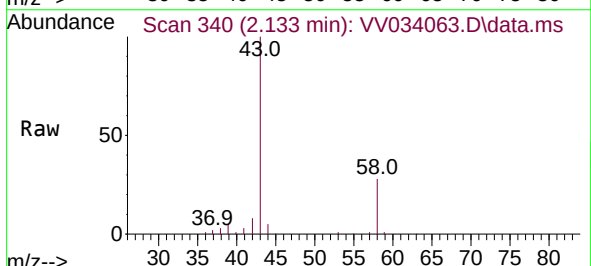
Acq: 08 Feb 2024 16:56

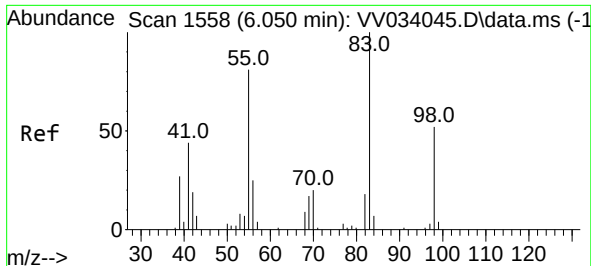
Tgt Ion: 43 Resp: 83037

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#

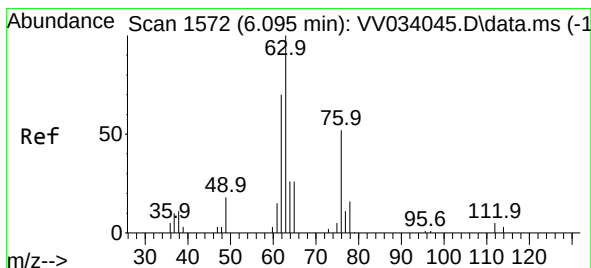
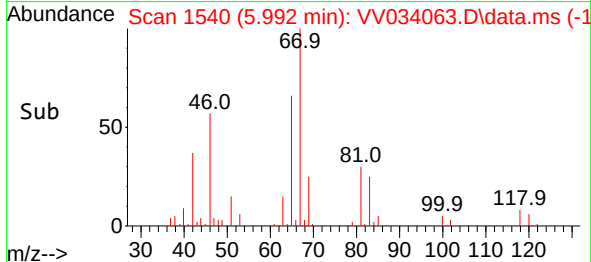
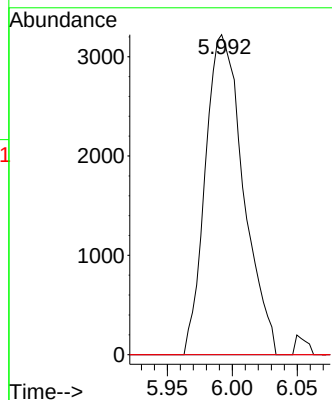
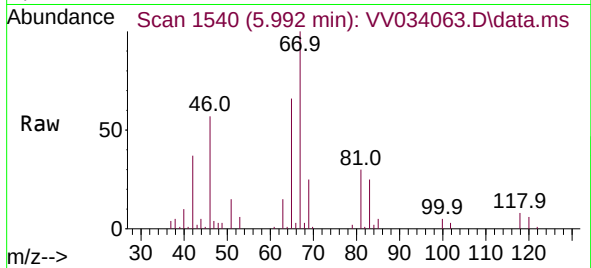




#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV034063.D
Acq: 08 Feb 2024 16:56

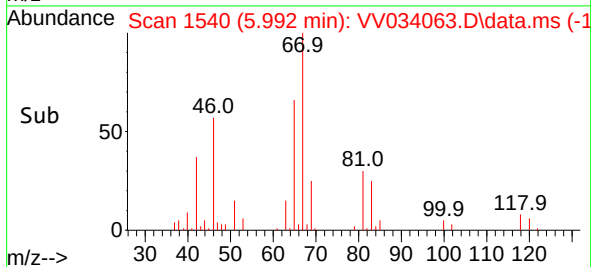
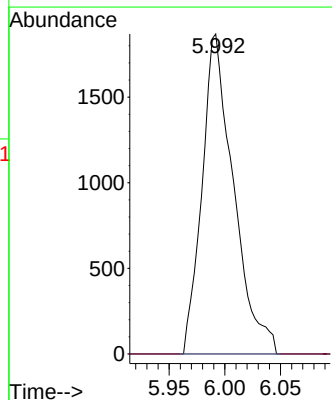
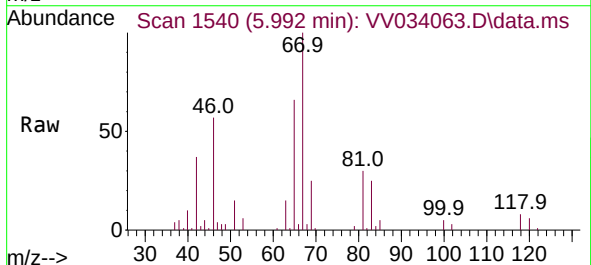
Instrument :
MSVOA_V
ClientSampleId :

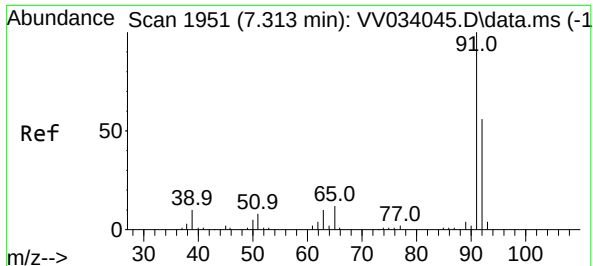
Tgt Ion: 83 Resp: 6575
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV034063.D
Acq: 08 Feb 2024 16:56

Tgt Ion: 63 Resp: 3683
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.126 ug/L

RT: 7.333 min Scan# 1951

Delta R.T. 0.019 min

Lab File: VV034063.D

Acq: 08 Feb 2024 16:56

Instrument :

MSVOA_V

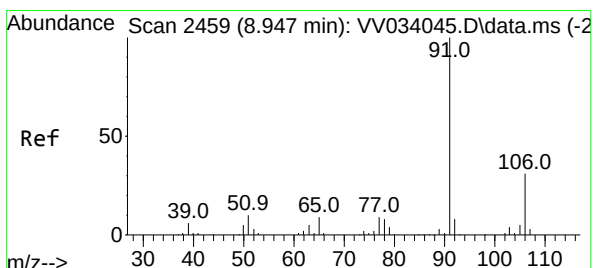
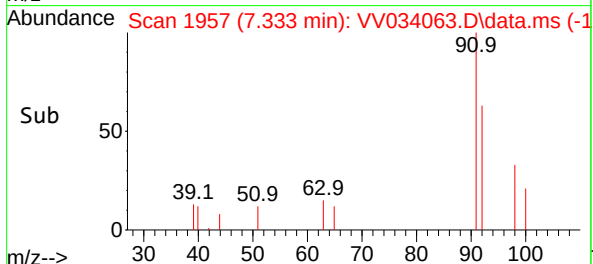
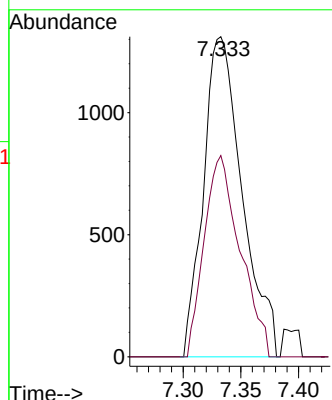
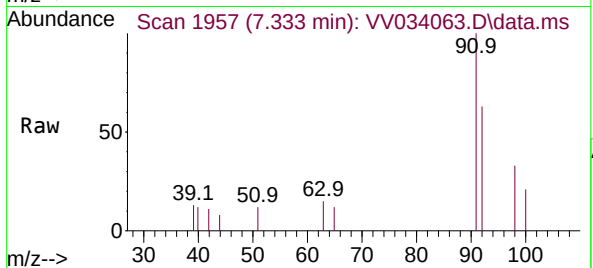
ClientSampleId :

Tgt Ion: 91 Resp: 3059

Ion Ratio Lower Upper

91 100

92 62.9 42.1 78.3



#52

Ethylbenzene

Concen: 0.312 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.006 min

Lab File: VV034063.D

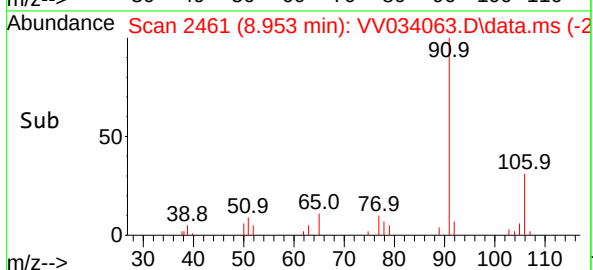
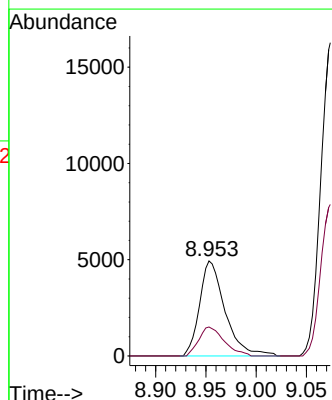
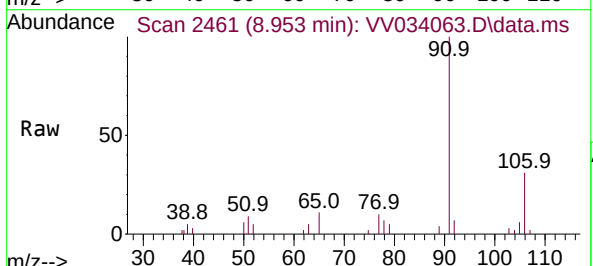
Acq: 08 Feb 2024 16:56

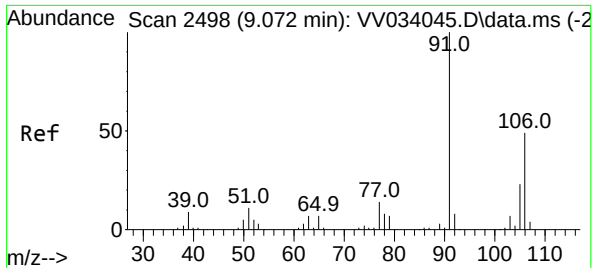
Tgt Ion: 91 Resp: 8691

Ion Ratio Lower Upper

91 100

106 30.5 21.4 39.8

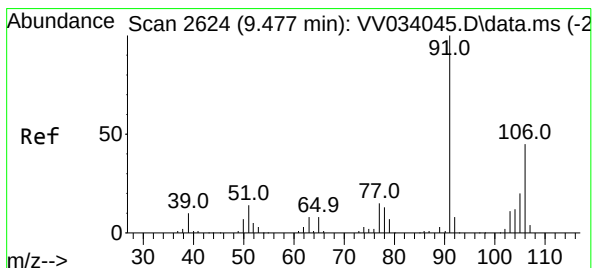
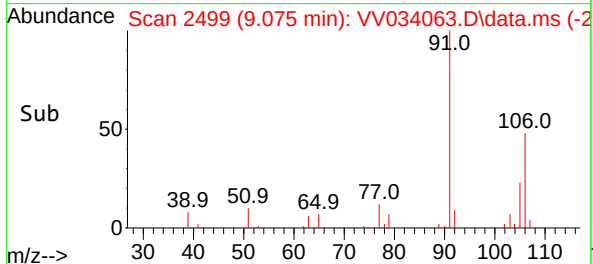
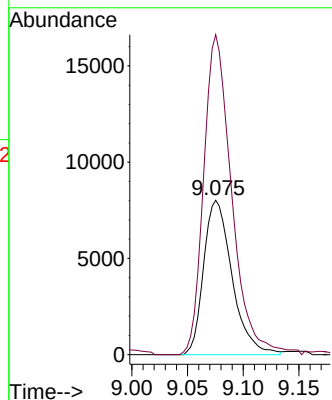
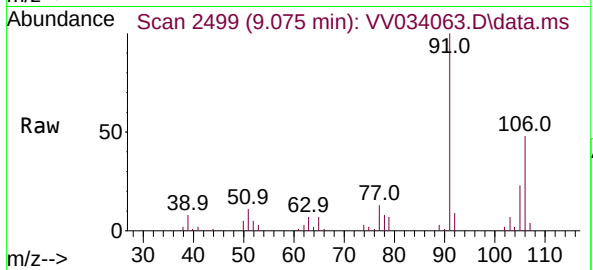




#53
m,p-Xylene
Concen: 1.355 ug/L
RT: 9.075 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV034063.D
Acq: 08 Feb 2024 16:56

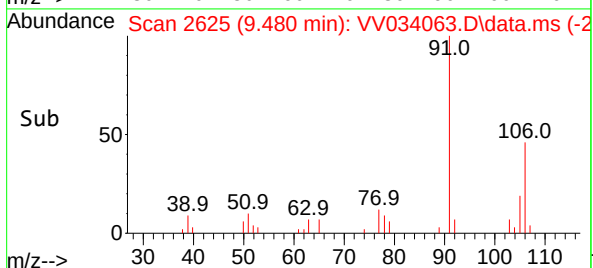
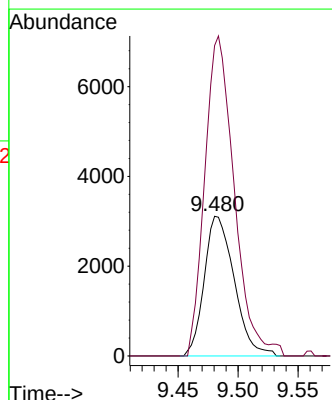
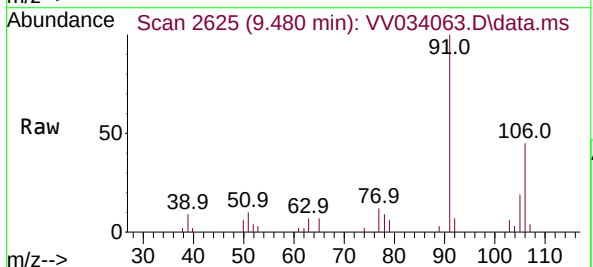
Instrument :
MSVOA_V
ClientSampleId :

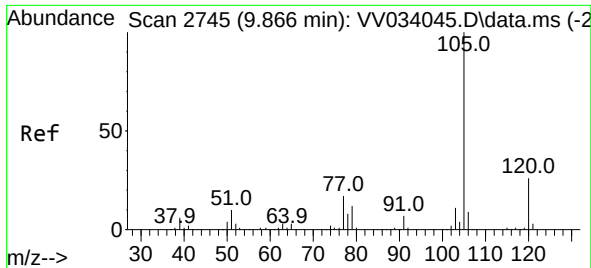
Tgt Ion:106 Resp: 14270
Ion Ratio Lower Upper
106 100
91 207.3 147.5 273.9



#54
o-Xylene
Concen: 0.533 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV034063.D
Acq: 08 Feb 2024 16:56

Tgt Ion:106 Resp: 5406
Ion Ratio Lower Upper
106 100
91 222.2 156.2 290.0

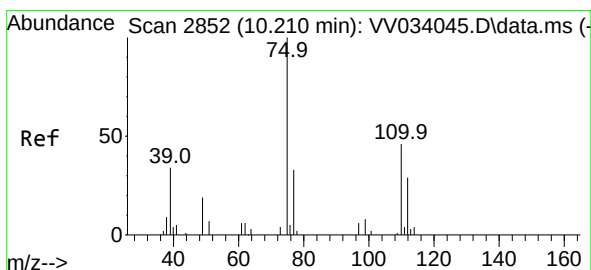
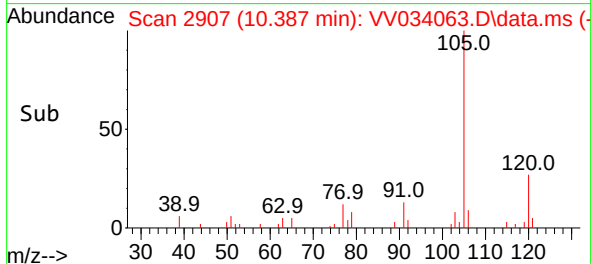
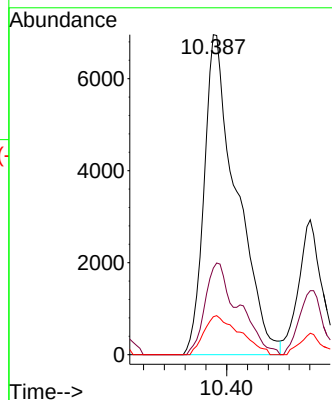
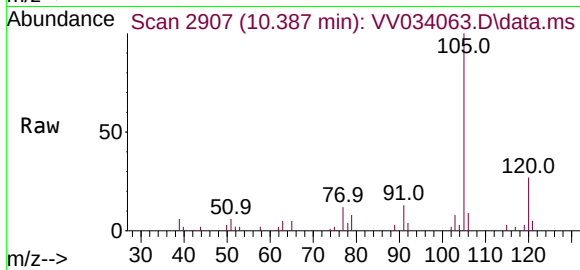




#60
Isopropylbenzene
Concen: 0.516 ug/L
RT: 10.387 min Scan# 2907
Delta R.T. 0.521 min
Lab File: VV034063.D
Acq: 08 Feb 2024 16:56

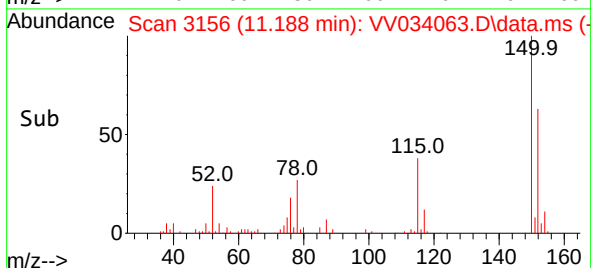
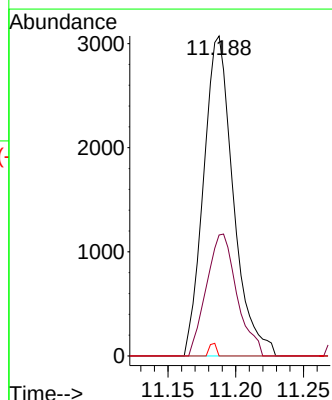
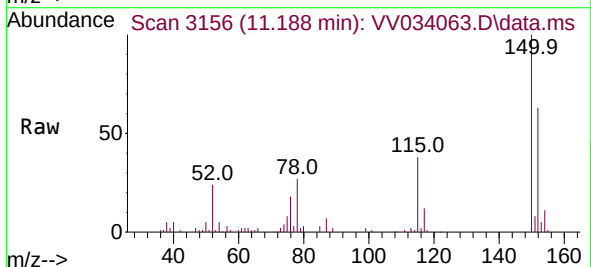
Instrument :
MSVOA_V
ClientSampleId :

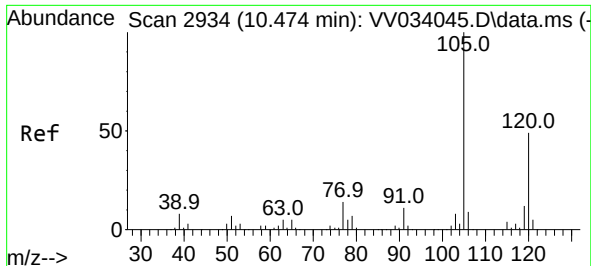
Tgt Ion:	105	Resp:	14985
Ion Ratio	Lower	Upper	
105	100		
120	22.1	20.7	31.1
77	13.5	13.0	19.6



#61
1,2,3-Trichloropropane
Concen: 1.735 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.977 min
Lab File: VV034063.D
Acq: 08 Feb 2024 16:56

Tgt Ion:	75	Resp:	4679
Ion Ratio	Lower	Upper	
75	100		
77	39.1	26.9	40.3
110	1.0	33.3	49.9#

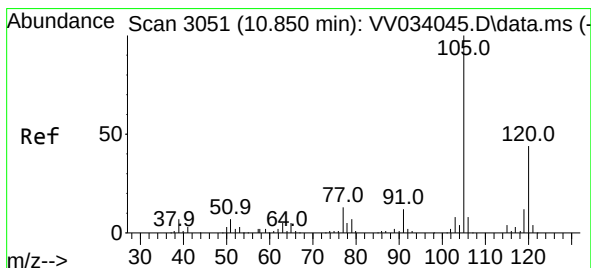
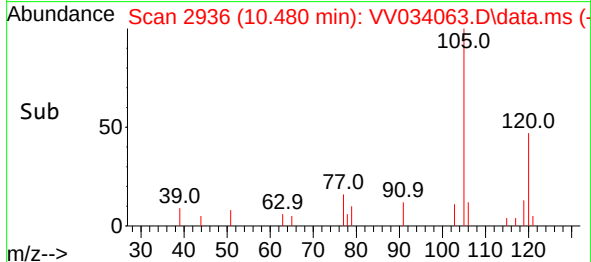
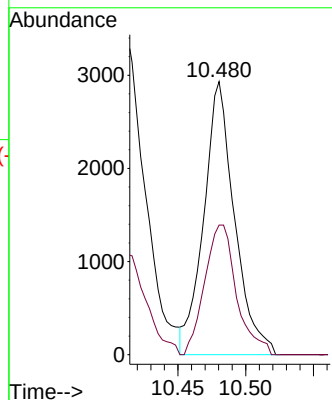
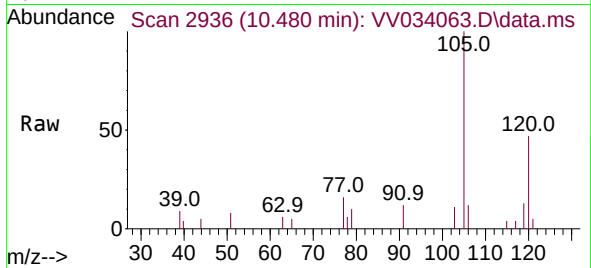




#62
1,3,5-Trimethylbenzene
Concen: 0.188 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.006 min
Lab File: VV034063.D
Acq: 08 Feb 2024 16:56

Instrument :
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ClientSampleId :

Tgt Ion:105 Resp: 4619
Ion Ratio Lower Upper
105 100
120 49.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 0.569 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VV034063.D
Acq: 08 Feb 2024 16:56

Tgt Ion:105 Resp: 13559
Ion Ratio Lower Upper
105 100
120 46.5 36.2 54.2

