

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032602.D
 Acq On : 24 Oct 2023 20:07
 Operator : SY/MD
 Sample : 04992-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 05:57:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:52:45 2023
 Response via : Initial Calibration

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

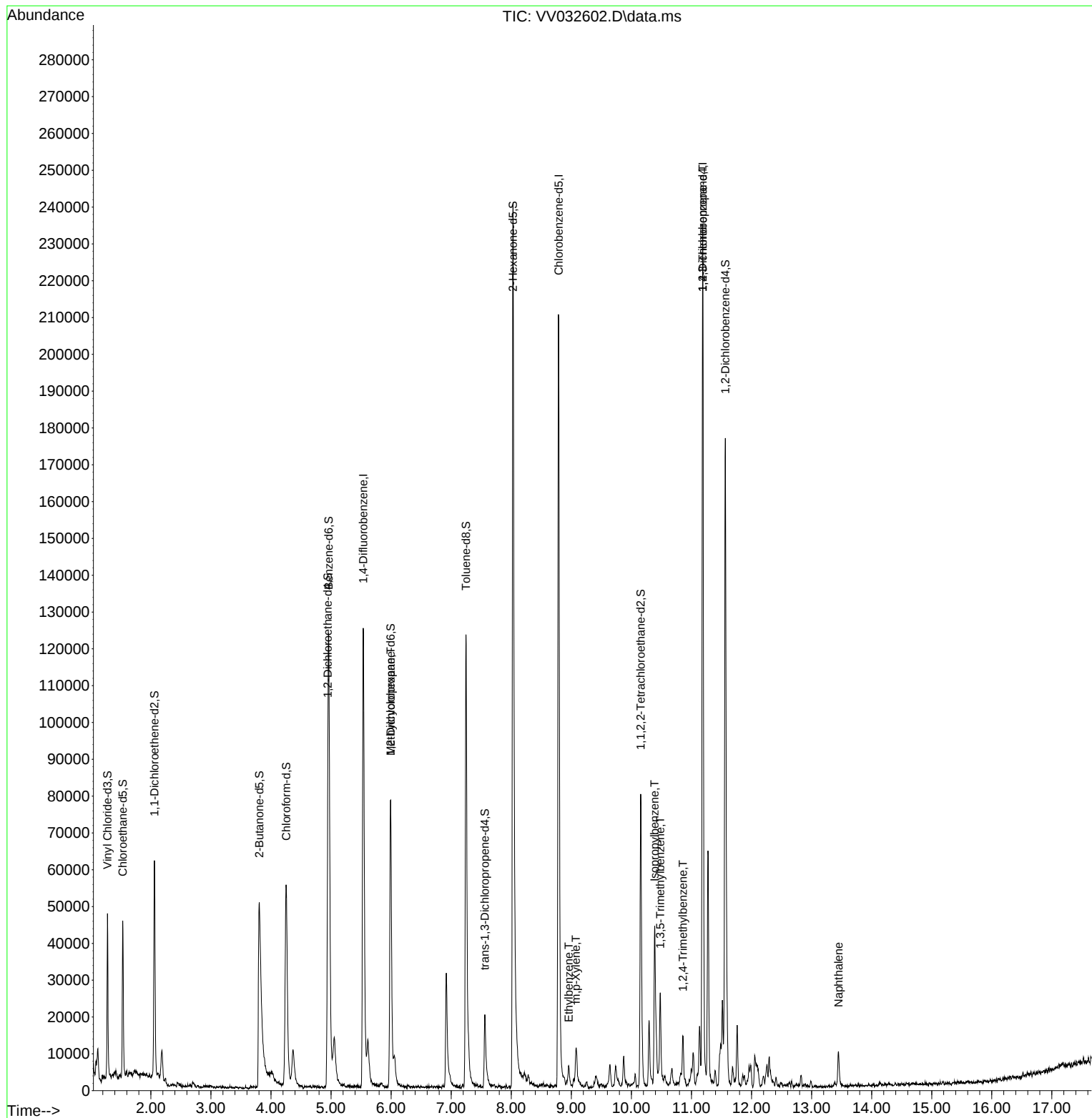
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	103534	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	118567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	54867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24951	2.963	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.532	69	26663	3.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.060	65	9955	2.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	3.806	46	104997	49.293	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	4.253	84	57930	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
26) 1,2-Dichloroethane-d4	4.947	65	33489	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.960	84	106236	3.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.000%#
36) 1,2-Dichloropropane-d6	5.992	67	36895	3.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	63.800%
41) Toluene-d8	7.246	98	88047	2.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.200%#
43) trans-1,3-Dichloroprop...	7.561	79	12852	3.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.800%
46) 2-Hexanone-d5	8.027	63	85353	44.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.580%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36122	4.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	39486	3.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						Qvalue
35) Methylcyclohexane	5.992	83	9358	0.531	ug/L #	17
52) Ethylbenzene	8.957	91	3786	0.076	ug/L	98
53) m,p-Xylene	9.079	106	2892	0.157	ug/L	94
60) Isopropylbenzene	10.387	105	30295	0.710	ug/L	93
61) 1,2,3-Trichloropropane	11.188	75	7466	1.278	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.481	105	12317	0.354	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	6489	0.188	ug/L	99
71) Naphthalene	13.448	128	7638	0.340	ug/L	98

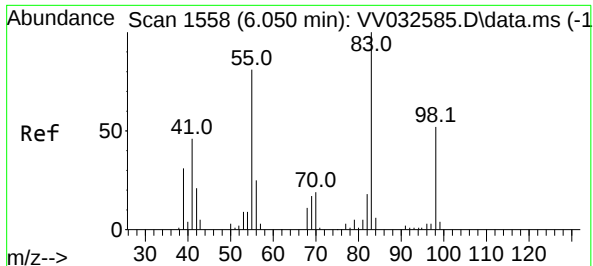
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032602.D
Acq On : 24 Oct 2023 20:07
Operator : SY/MD
Sample : 04992-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 25 05:57:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:52:45 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.531 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV032602.D

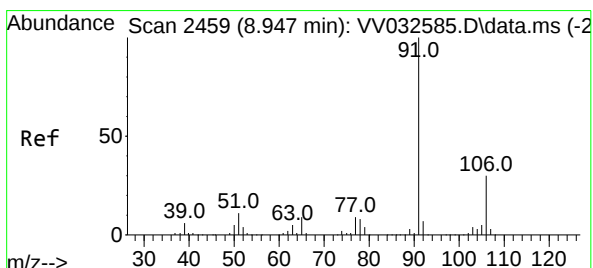
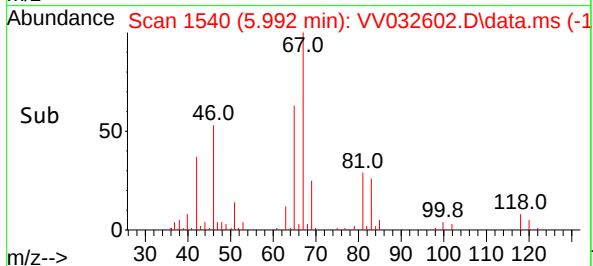
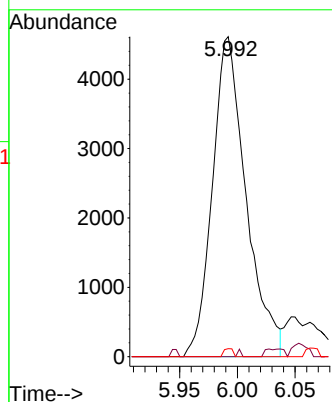
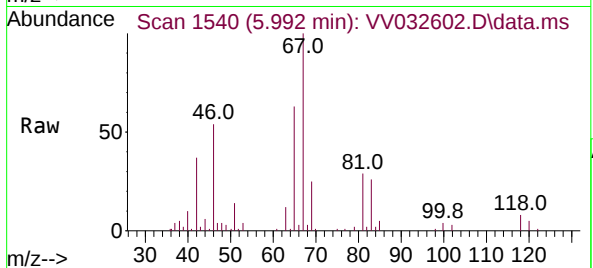
Acq: 24 Oct 2023 20:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 9358
Ion Ratio	Lower Upper
83 100	
55 0.2	64.2 96.2#
98 0.7	39.6 59.4#



#52

Ethylbenzene

Concen: 0.076 ug/L

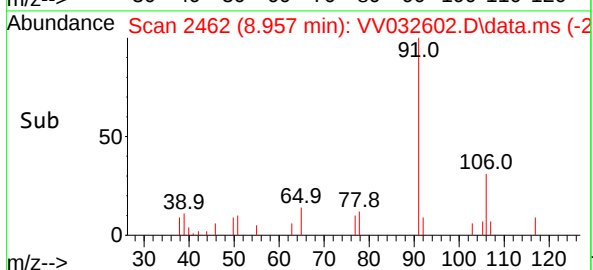
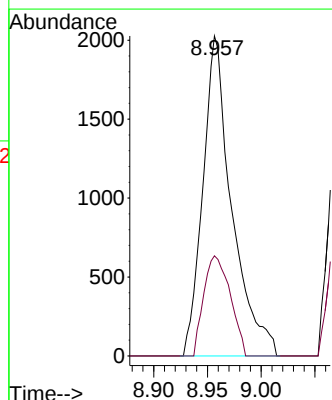
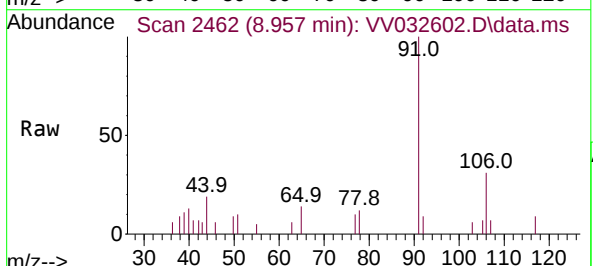
RT: 8.957 min Scan# 2462

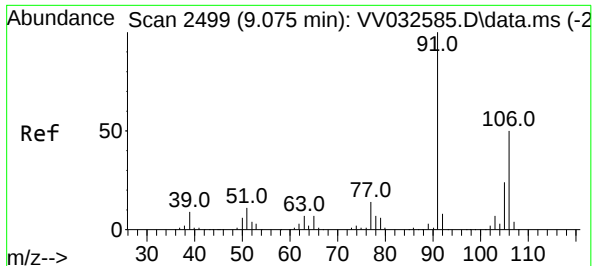
Delta R.T. 0.010 min

Lab File: VV032602.D

Acq: 24 Oct 2023 20:07

Tgt Ion: 91	Resp: 3786
Ion Ratio	Lower Upper
91 100	
106 31.3	21.3 39.5

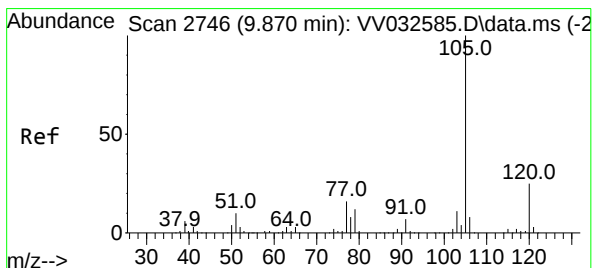
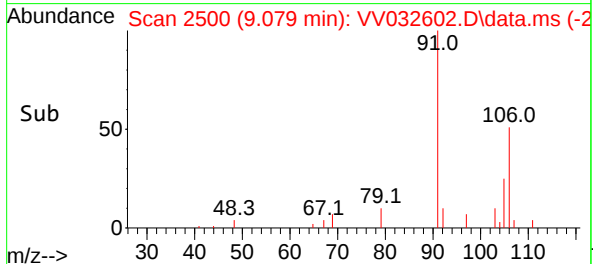
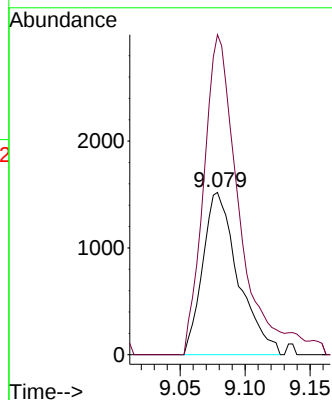
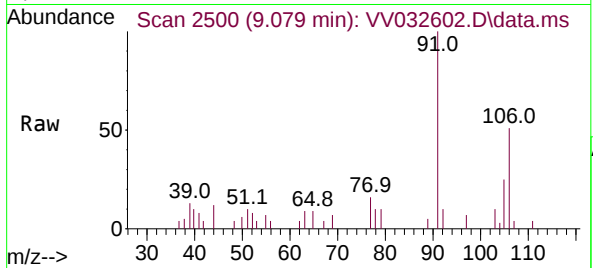




#53
 m,p-Xylene
 Concen: 0.157 ug/L
 RT: 9.079 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032602.D
 Acq: 24 Oct 2023 20:07

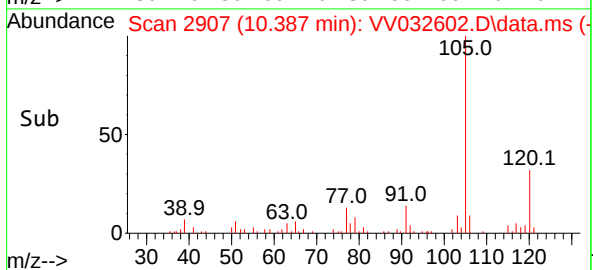
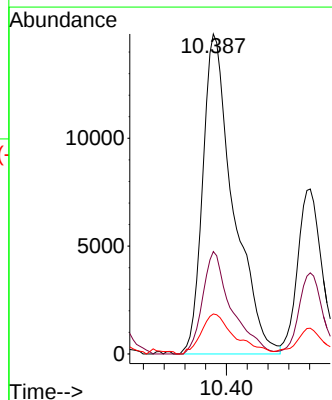
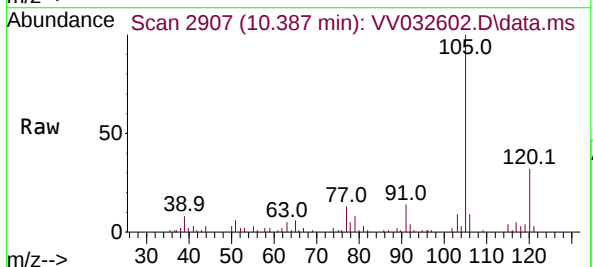
Instrument :
 MSVOA_V
 ClientSampleId :

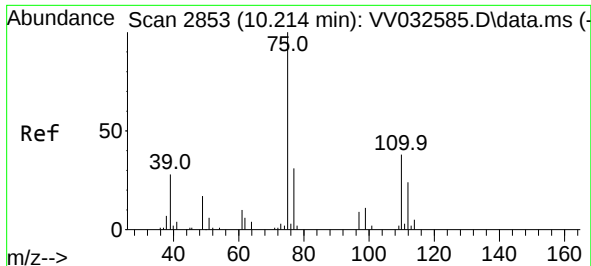
Tgt Ion:106 Resp: 2892
 Ion Ratio Lower Upper
 106 100
 91 197.2 144.5 268.3



#60
 Isopropylbenzene
 Concen: 0.710 ug/L
 RT: 10.387 min Scan# 2907
 Delta R.T. 0.518 min
 Lab File: VV032602.D
 Acq: 24 Oct 2023 20:07

Tgt Ion:105 Resp: 30295
 Ion Ratio Lower Upper
 105 100
 120 30.2 21.0 31.6
 77 13.7 12.6 19.0

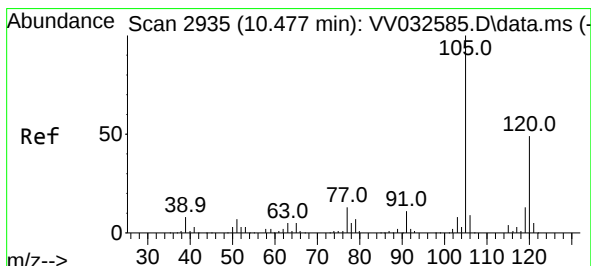
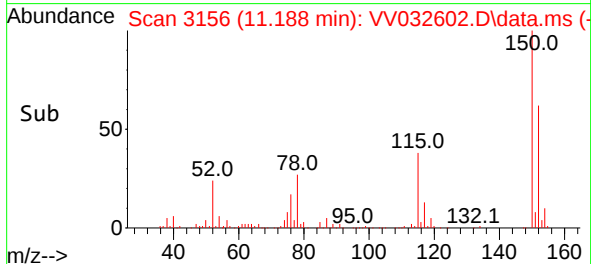
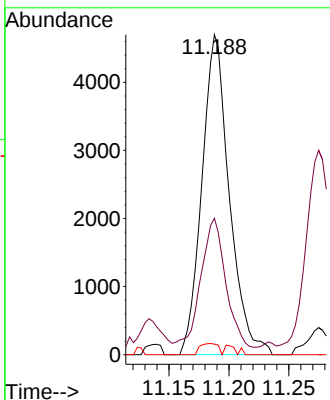
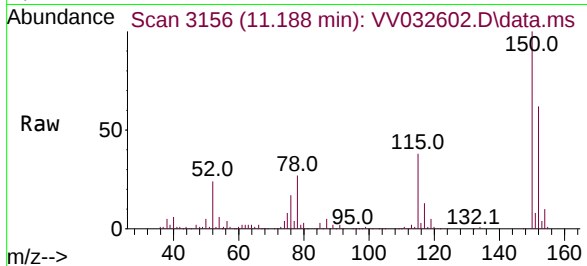




#61
1,2,3-Trichloropropane
Concen: 1.278 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032602.D
Acq: 24 Oct 2023 20:07

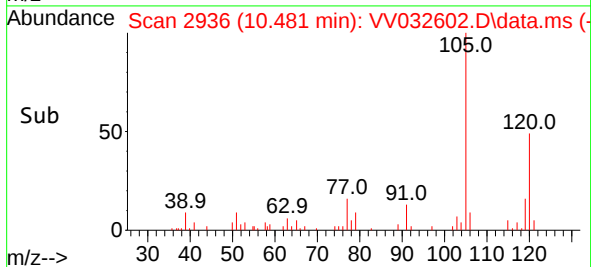
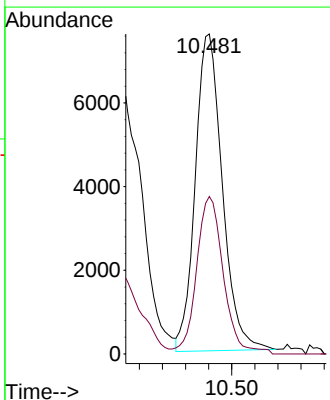
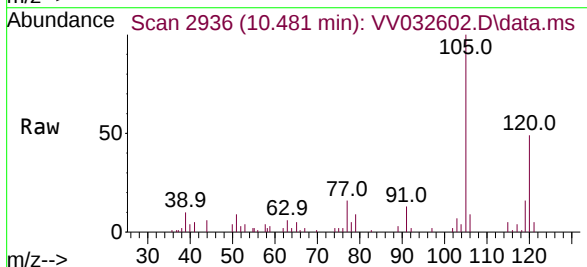
Instrument :
MSVOA_V
ClientSampleId :

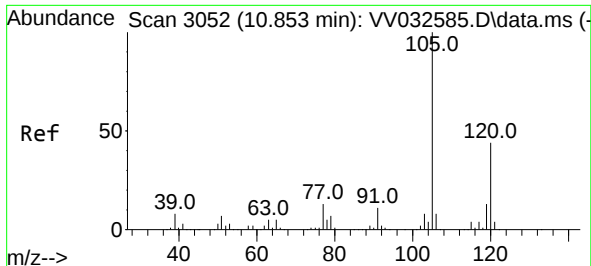
Tgt Ion: 75 Resp: 7466
Ion Ratio Lower Upper
75 100
77 38.1 26.2 39.2
110 2.3 30.6 46.0#



#62
1,3,5-Trimethylbenzene
Concen: 0.354 ug/L
RT: 10.481 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV032602.D
Acq: 24 Oct 2023 20:07

Tgt Ion: 105 Resp: 12317
Ion Ratio Lower Upper
105 100
120 49.2 39.9 59.9

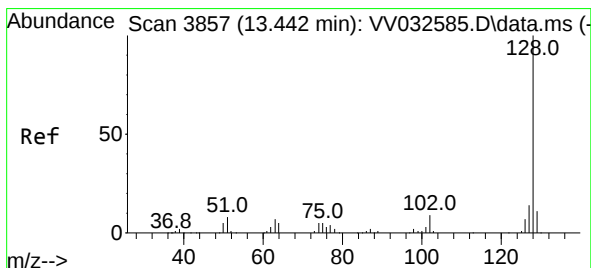
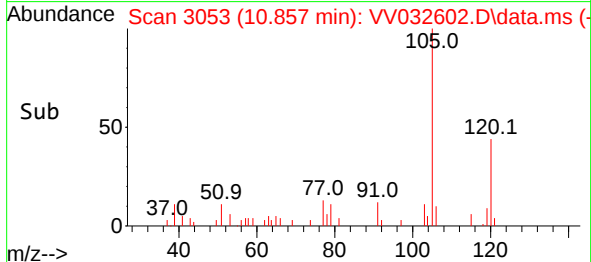
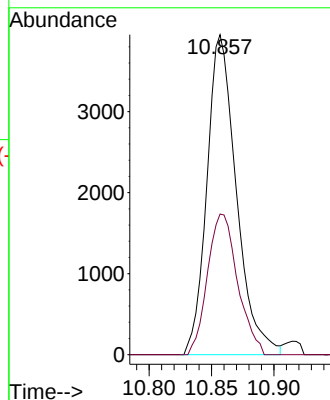
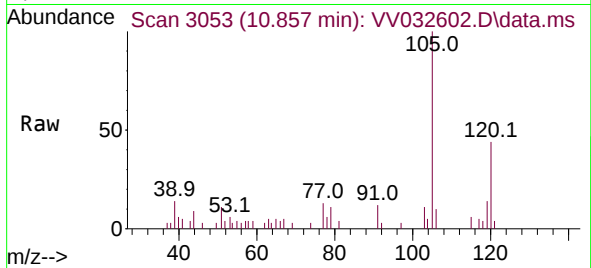




#63
1,2,4-Trimethylbenzene
Concen: 0.188 ug/L
RT: 10.857 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV032602.D
Acq: 24 Oct 2023 20:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 6489
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.4



#71
Naphthalene
Concen: 0.340 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.007 min
Lab File: VV032602.D
Acq: 24 Oct 2023 20:07

Tgt Ion:128 Resp: 7638
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 11.4 10.2 15.2

