

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101823\
 Data File : VV032466.D
 Acq On : 18 Oct 2023 13:07
 Operator : SY/MD
 Sample : 04903-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:28:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 19 04:26:22 2023
 Response via : Initial Calibration

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

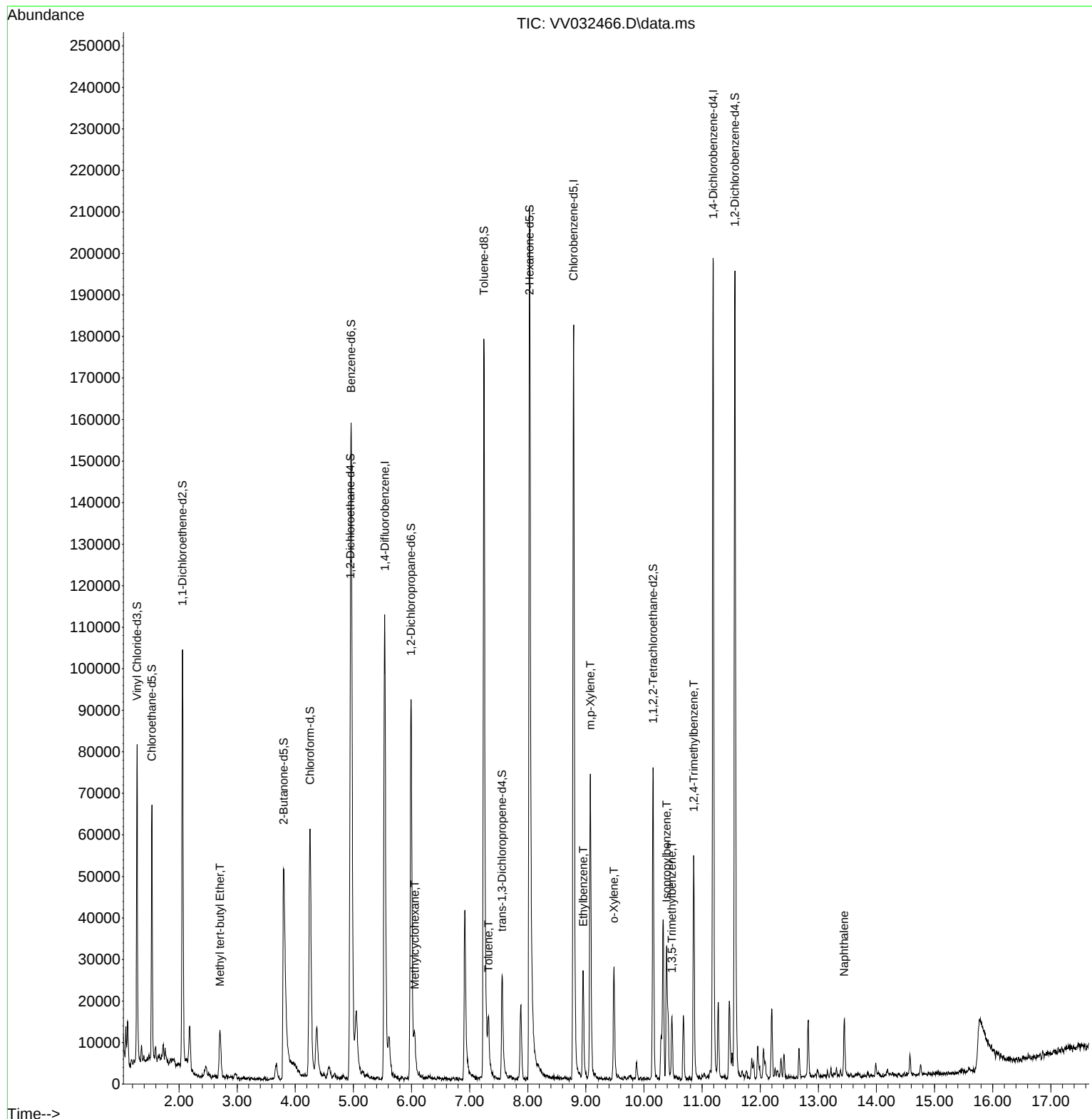
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	96206	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	104403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	50274	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	43614	5.574	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.400%	
7) Chloroethane-d5	1.532	69	38429	6.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	121.000%	
11) 1,1-Dichloroethene-d2	2.060	65	16980	5.146	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	103.000%	
20) 2-Butanone-d5	3.799	46	94894	47.943	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.880%	
24) Chloroform-d	4.252	84	65054	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	4.947	65	32853	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	4.963	84	141126	4.594	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	5.992	67	45171	4.438	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.246	98	127585	4.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	7.558	79	16551	4.589	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.030	63	79047	46.581	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.160%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36648	5.148	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	47630	5.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.706	73	9974	0.519	ug/L #	80
35) Methylcyclohexane	6.056	83	1880	0.121	ug/L #	71
42) Toluene	7.326	91	9842	0.251	ug/L	97
52) Ethylbenzene	8.953	91	18177	0.417	ug/L	92
53) m,p-Xylene	9.075	106	21565	1.333	ug/L	96
54) o-Xylene	9.484	106	7378	0.473	ug/L	90
60) Isopropylbenzene	10.390	105	26148	0.669	ug/L	94
62) 1,3,5-Trimethylbenzene	10.480	105	8409	0.264	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	28759	0.907	ug/L	98
71) Naphthalene	13.445	128	10618	0.516	ug/L	98

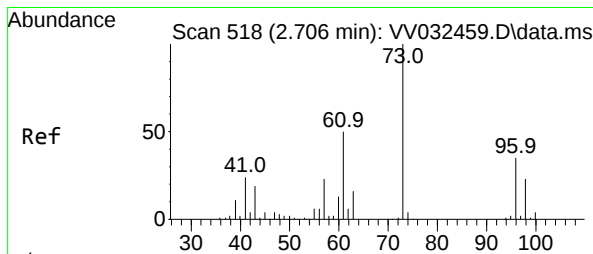
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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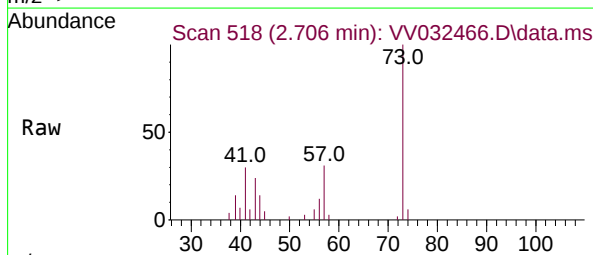
Quant Time: Oct 19 04:28:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
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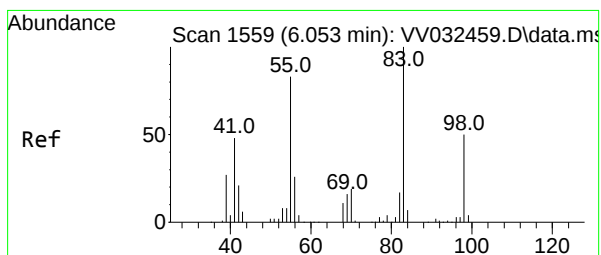
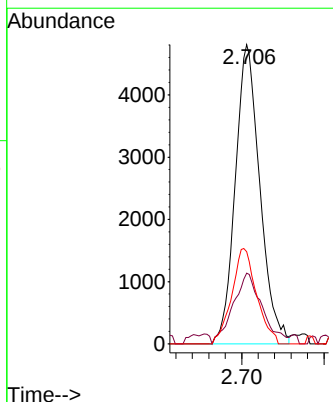
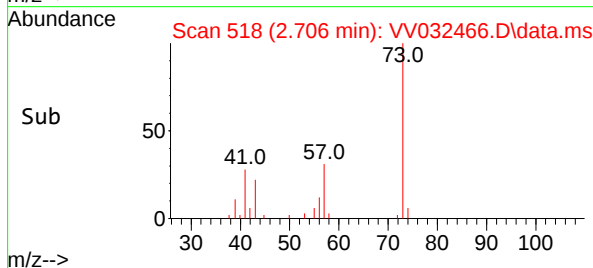


#17
Methyl tert-butyl Ether
Concen: 0.519 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07

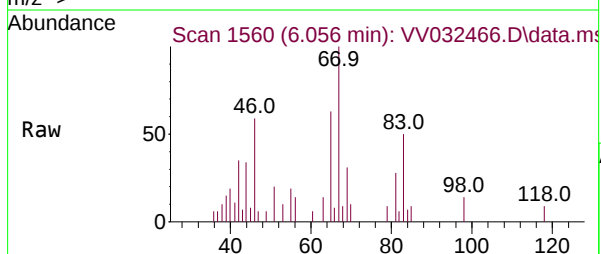
Instrument :
MSVOA_V
ClientSampleId :



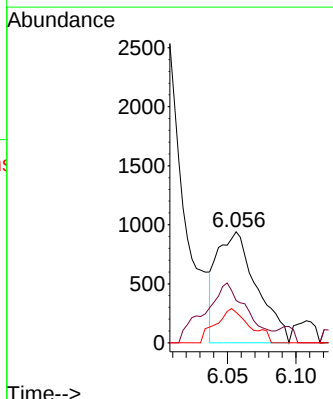
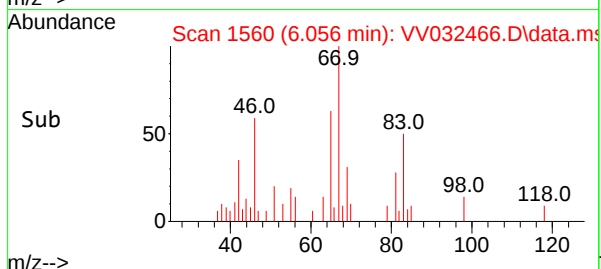
Tgt Ion: 73 Resp: 9974
Ion Ratio Lower Upper
73 100
43 27.9 15.1 22.7#
57 32.2 18.3 27.5#

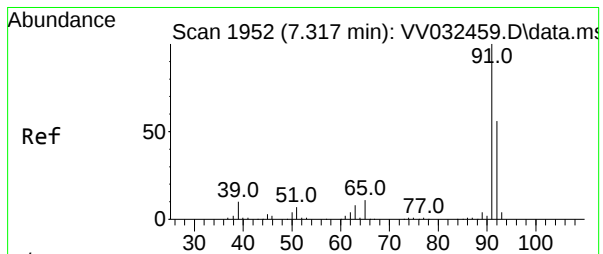


#35
Methylcyclohexane
Concen: 0.121 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07



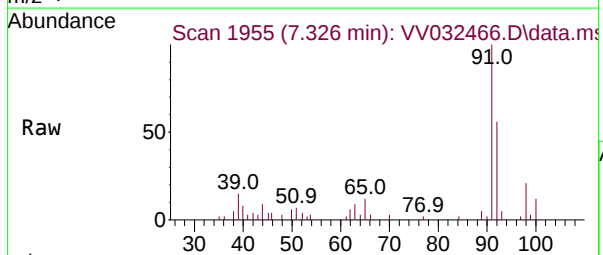
Tgt Ion: 83 Resp: 1880
Ion Ratio Lower Upper
83 100
55 57.4 64.2 96.2#
98 26.2 39.6 59.4#



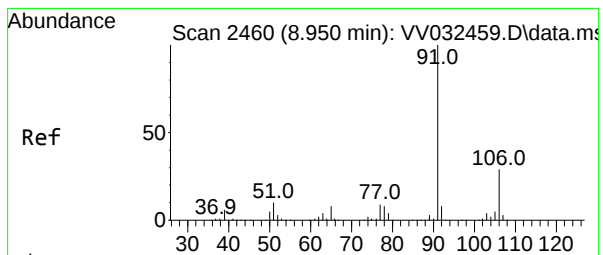
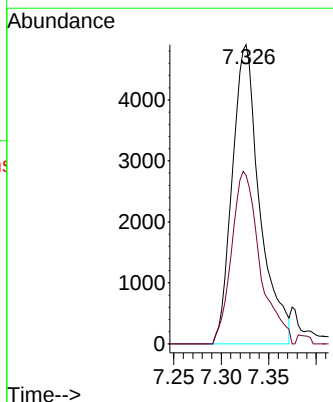
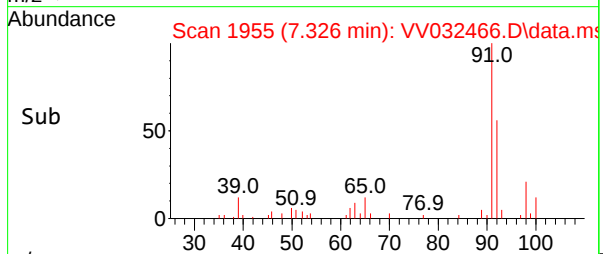


#42
Toluene
Concen: 0.251 ug/L
RT: 7.326 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07

Instrument :
MSVOA_V
ClientSampleId :

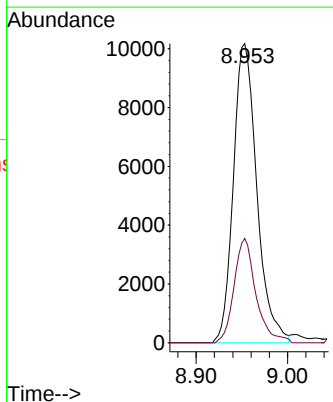
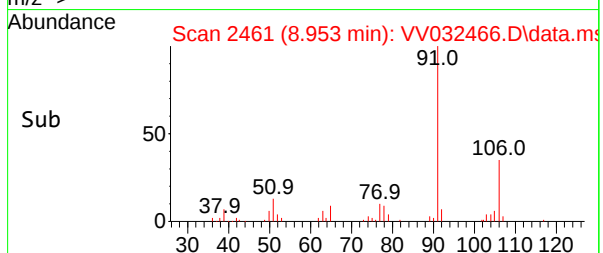
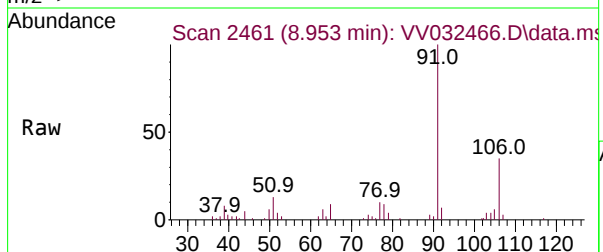


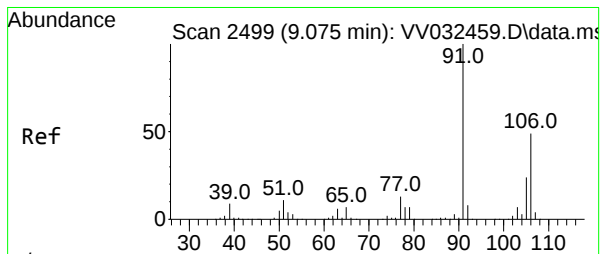
Tgt Ion: 91 Resp: 9842
Ion Ratio Lower Upper
91 100
92 56.4 40.8 75.8



#52
Ethylbenzene
Concen: 0.417 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07

Tgt Ion: 91 Resp: 18177
Ion Ratio Lower Upper
91 100
106 34.8 21.3 39.5

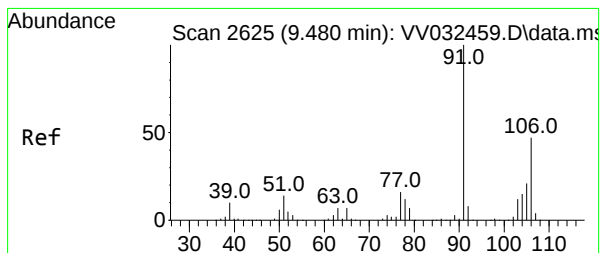
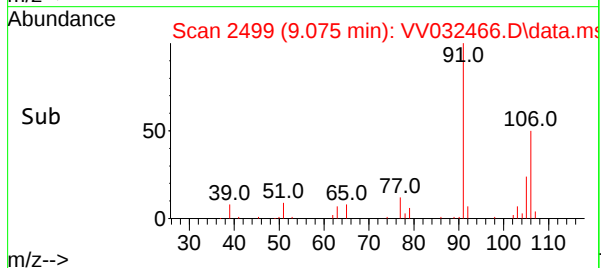
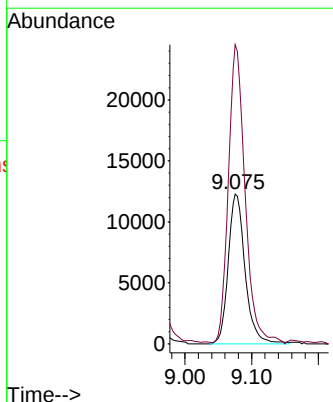
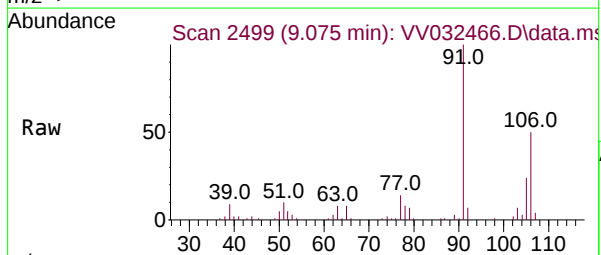




#53
m,p-Xylene
Concen: 1.333 ug/L
RT: 9.075 min Scan# 21565
Delta R.T. 0.000 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07

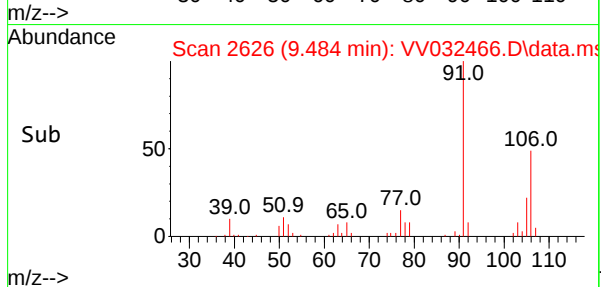
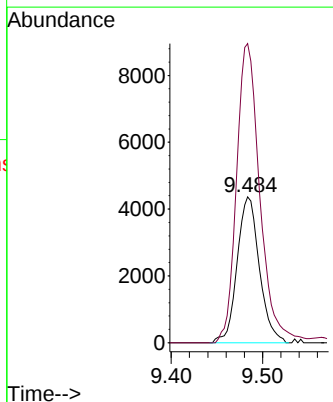
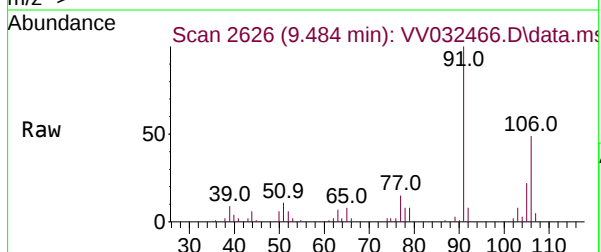
Instrument :
MSVOA_V
ClientSampleId :

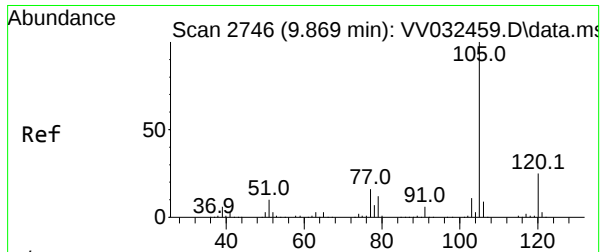
Tgt Ion:106 Resp: 21565
Ion Ratio Lower Upper
106 100
91 199.6 144.5 268.3



#54
o-Xylene
Concen: 0.473 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07

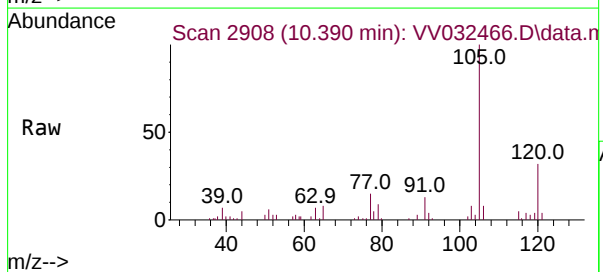
Tgt Ion:106 Resp: 7378
Ion Ratio Lower Upper
106 100
91 205.0 154.8 287.4



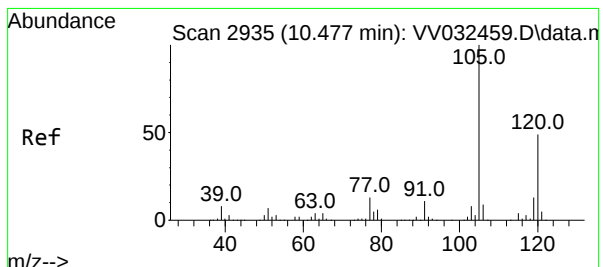
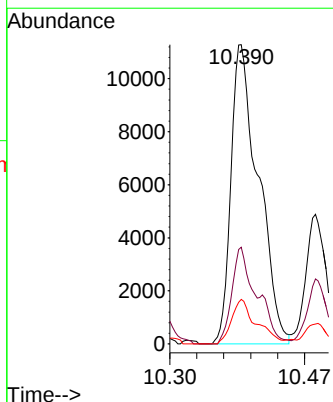
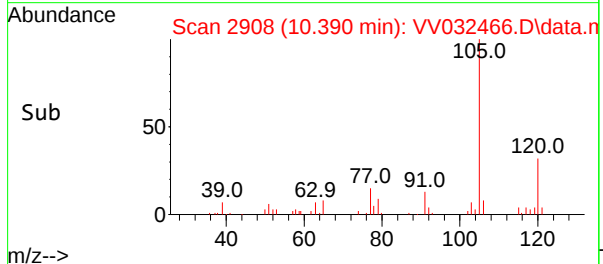


#60
Isopropylbenzene
Concen: 0.669 ug/L
RT: 10.390 min Scan# 21
Delta R.T. 0.521 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07

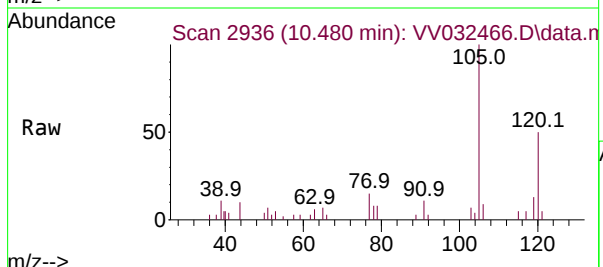
Instrument :
MSVOA_V
ClientSampleId :



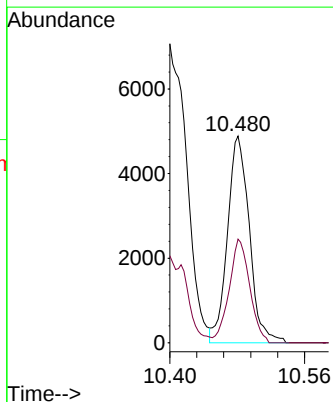
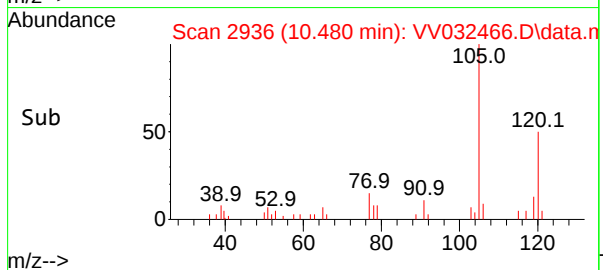
Tgt Ion:105 Resp: 26148
Ion Ratio Lower Upper
105 100
120 29.5 21.0 31.6
77 13.4 12.6 19.0

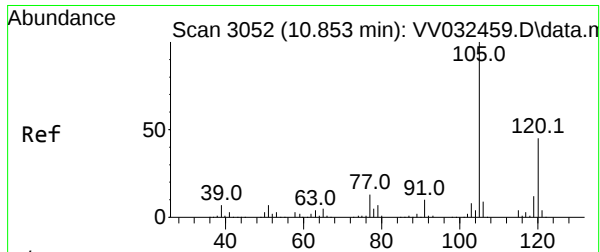


#62
1,3,5-Trimethylbenzene
Concen: 0.264 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07



Tgt Ion:105 Resp: 8409
Ion Ratio Lower Upper
105 100
120 47.1 39.9 59.9

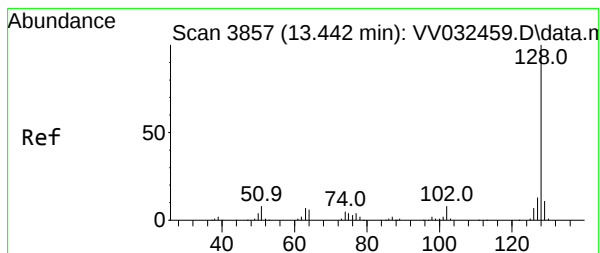
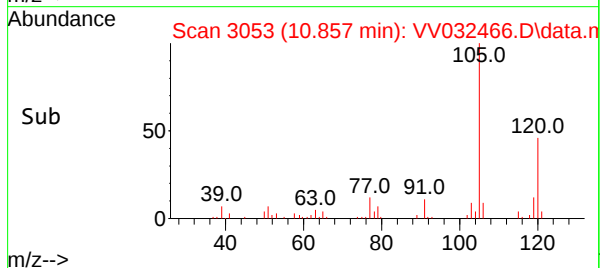
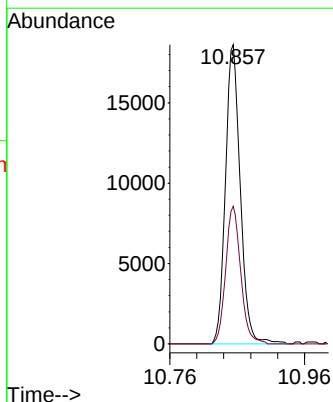
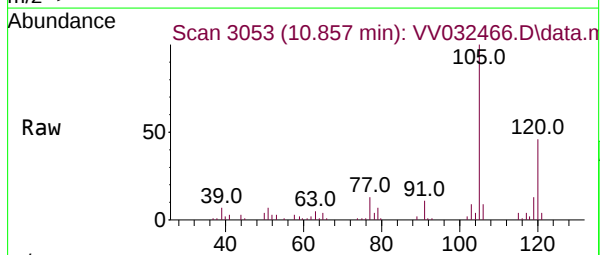




#63
1,2,4-Trimethylbenzene
Concen: 0.907 ug/L
RT: 10.857 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 28759
Ion Ratio Lower Upper
105 100
120 46.5 36.2 54.4



#71
Naphthalene
Concen: 0.516 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV032466.D
Acq: 18 Oct 2023 13:07

Tgt Ion:128 Resp: 10618
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 14.3 10.2 15.2

