

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101823\
 Data File : VW032467.D
 Acq On : 18 Oct 2023 13:31
 Operator : SY/MD
 Sample : 04903-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 04:31:50 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)

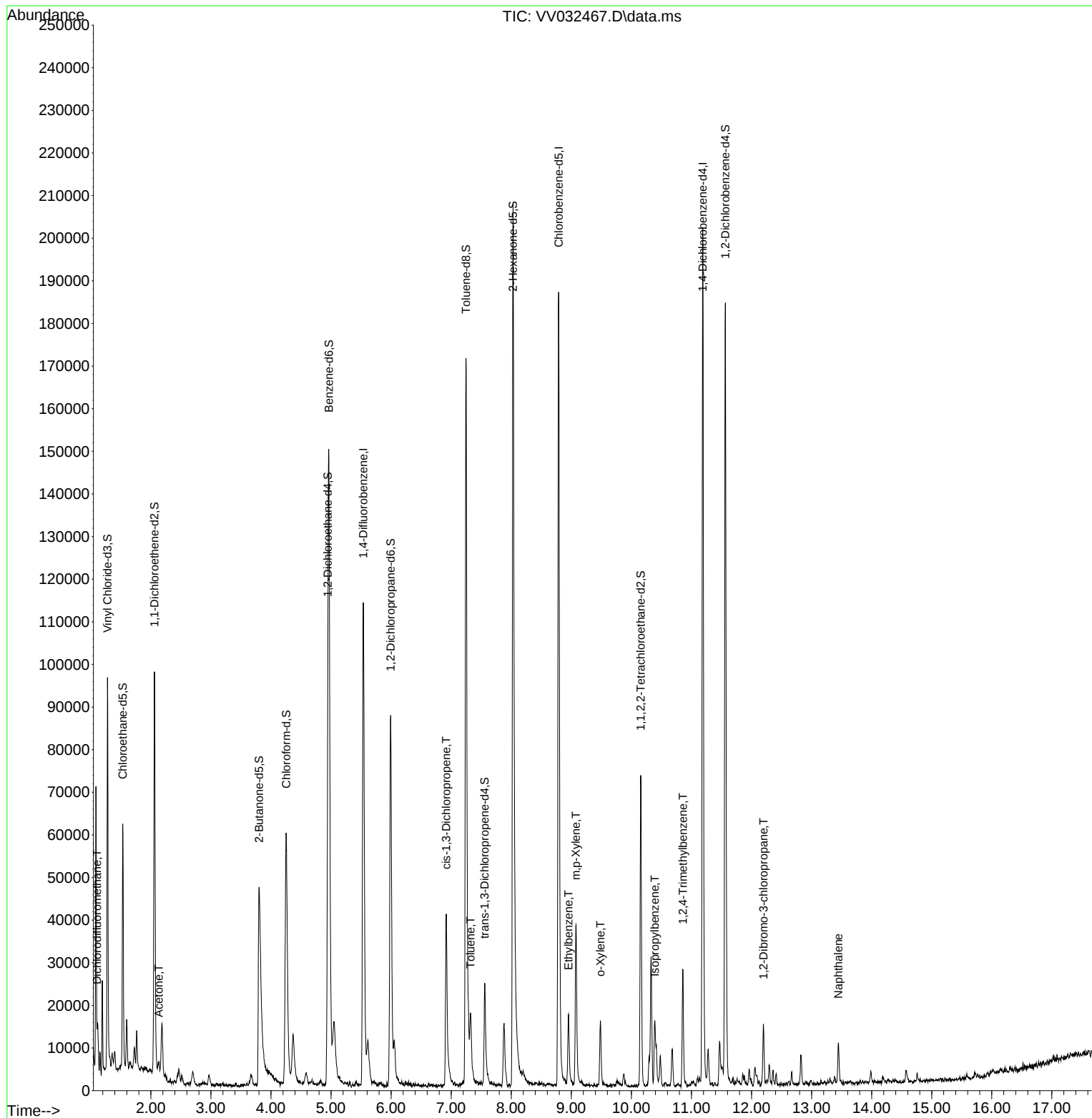
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98299	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	106006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	50458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42883	5.364	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	107.200%	
7) Chloroethane-d5	1.532	69	36213	5.580	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.600%	
11) 1,1-Dichloroethene-d2	2.060	65	15579	4.621	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	3.802	46	90424	44.712	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.420%	
24) Chloroform-d	4.252	84	60712	4.305	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	4.947	65	31144	4.662	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	4.963	84	135647	4.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	5.992	67	44045	4.262	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.200%	
41) Toluene-d8	7.246	98	122266	4.287	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	7.558	79	15424	4.212	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.030	63	79663	46.234	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.460%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34931	4.832	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	44199	4.720	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	764	0.070	ug/L	97
13) Acetone	2.133	43	2585	1.658	ug/L	92
39) cis-1,3-Dichloropropene	6.918	75	1284	0.090	ug/L #	64
42) Toluene	7.323	91	12464	0.313	ug/L	92
52) Ethylbenzene	8.953	91	11704	0.264	ug/L	99
53) m,p-Xylene	9.079	106	10885	0.662	ug/L	89
54) o-Xylene	9.484	106	3976	0.251	ug/L	95
60) Isopropylbenzene	10.390	105	13898	0.354	ug/L	92
63) 1,2,4-Trimethylbenzene	10.857	105	13946	0.438	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.197	75	577	0.526	ug/L #	1
71) Naphthalene	13.445	128	7345	0.355	ug/L	97

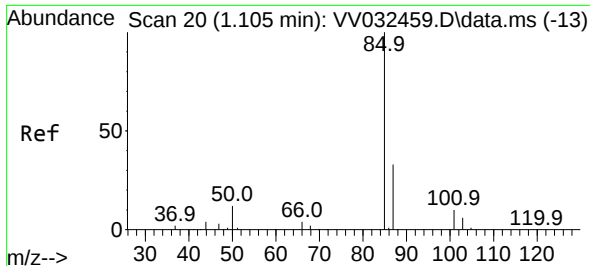
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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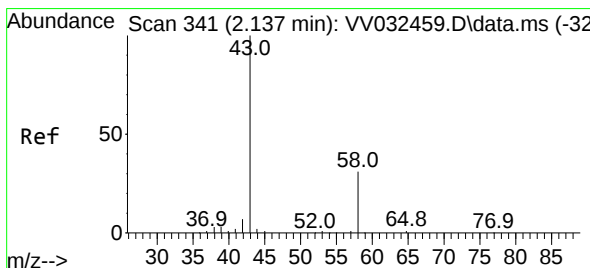
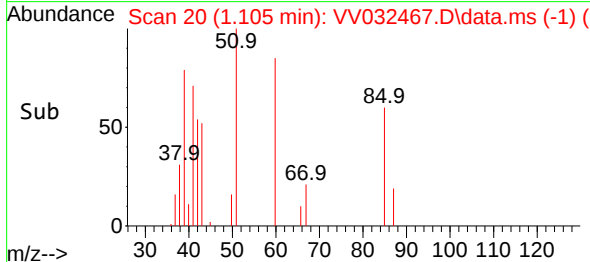
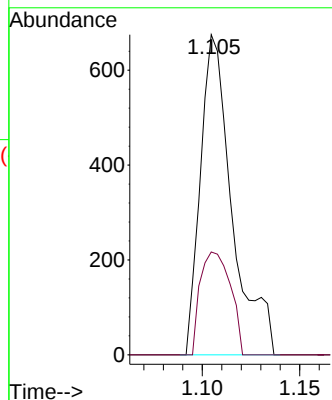
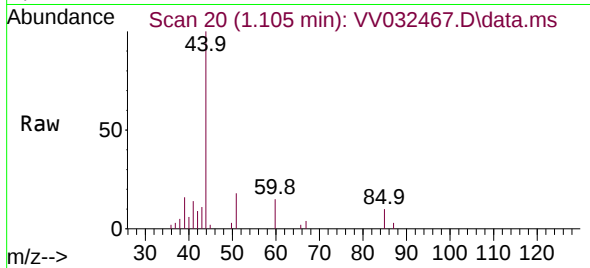




#2
 Dichlorodifluoromethane
 Concen: 0.070 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032467.D
 Acq: 18 Oct 2023 13:31

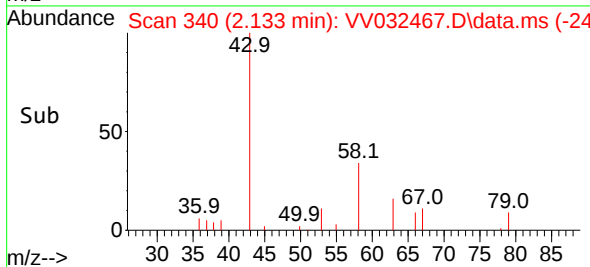
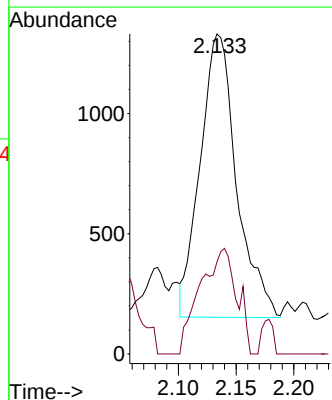
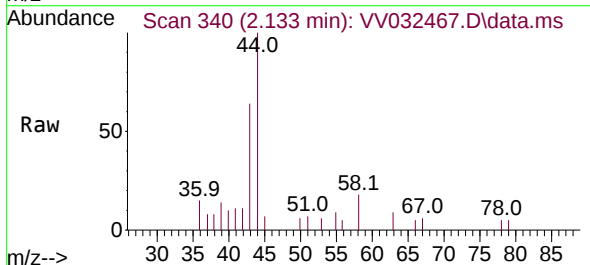
Instrument :
 MSVOA_V
 ClientSampleId :

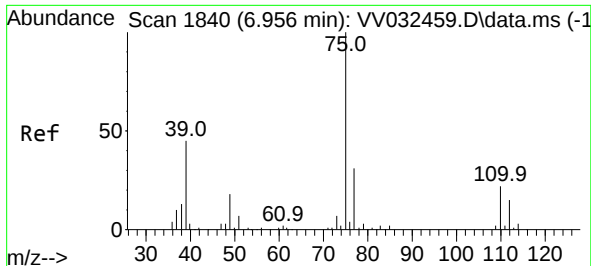
Tgt Ion: 85 Resp: 764
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.5 38.3



#13
 Acetone
 Concen: 1.658 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. -0.003 min
 Lab File: VV032467.D
 Acq: 18 Oct 2023 13:31

Tgt Ion: 43 Resp: 2585
 Ion Ratio Lower Upper
 43 100
 58 37.4 0.0 66.0





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV032467.D

Acq: 18 Oct 2023 13:31

Instrument :

MSVOA_V

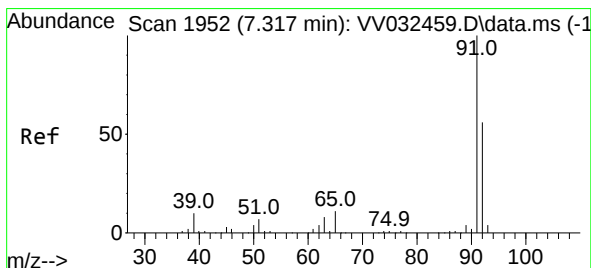
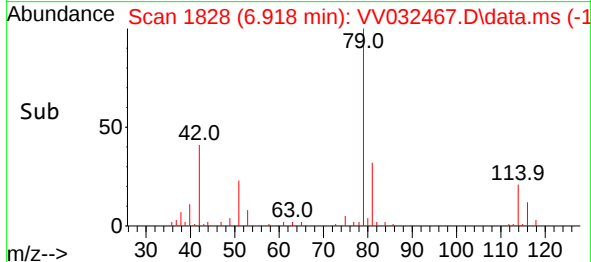
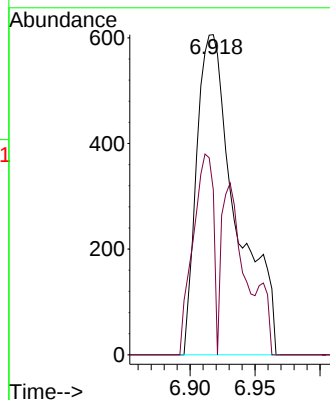
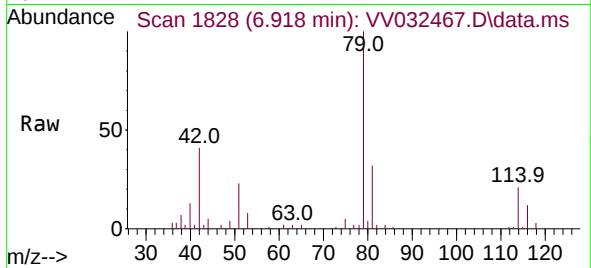
ClientSampleId :

Tgt Ion: 75 Resp: 1284

Ion Ratio Lower Upper

75 100

77 51.5 22.2 41.2#



#42

Toluene

Concen: 0.313 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV032467.D

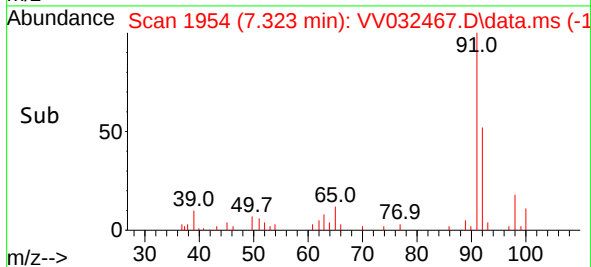
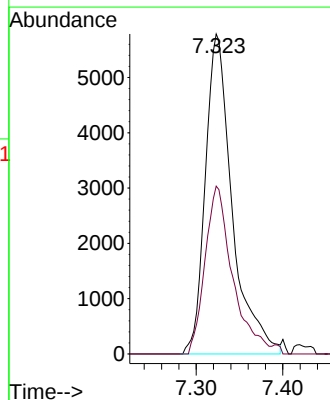
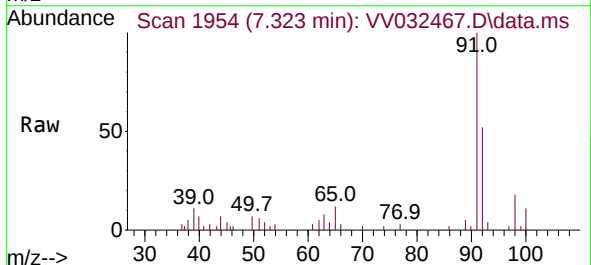
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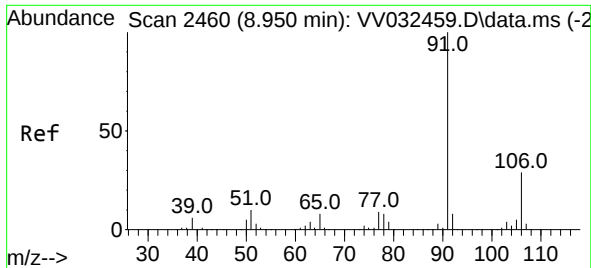
Tgt Ion: 91 Resp: 12464

Ion Ratio Lower Upper

91 100

92 52.4 40.8 75.8

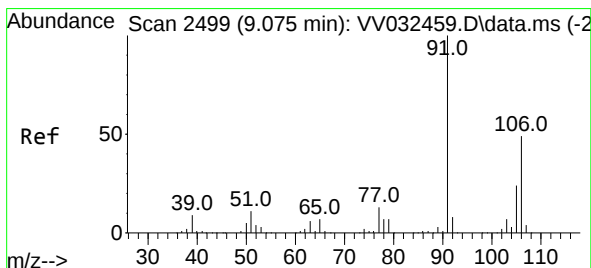
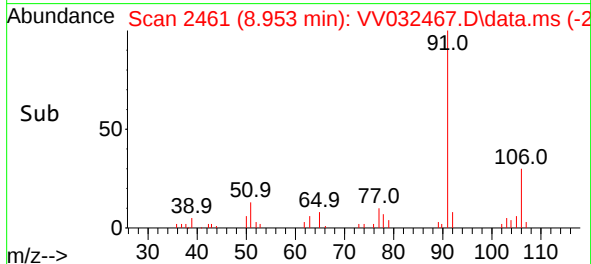
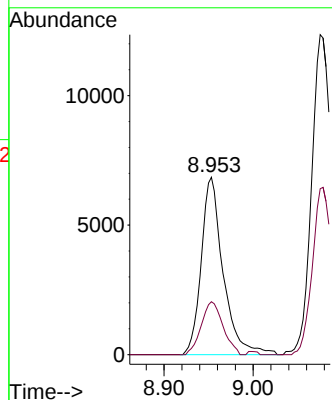
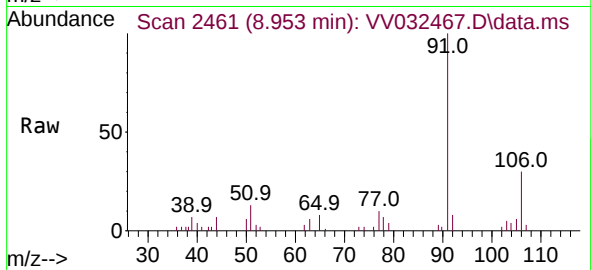




#52
Ethylbenzene
Concen: 0.264 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032467.D
Acq: 18 Oct 2023 13:31

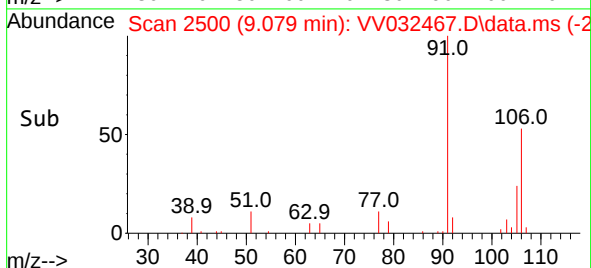
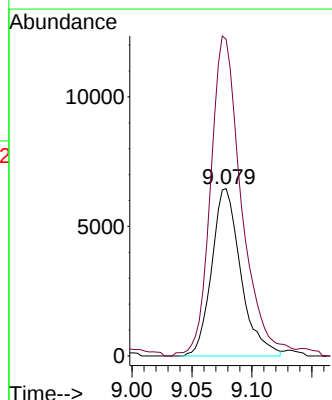
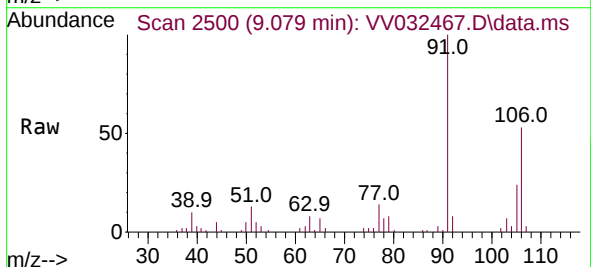
Instrument :
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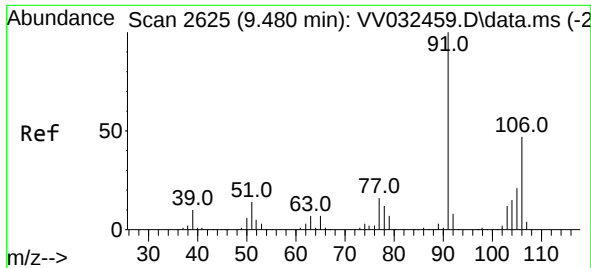
Tgt Ion: 91 Resp: 11704
Ion Ratio Lower Upper
91 100
106 29.8 21.3 39.5



#53
m,p-Xylene
Concen: 0.662 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032467.D
Acq: 18 Oct 2023 13:31

Tgt Ion:106 Resp: 10885
Ion Ratio Lower Upper
106 100
91 189.2 144.5 268.3

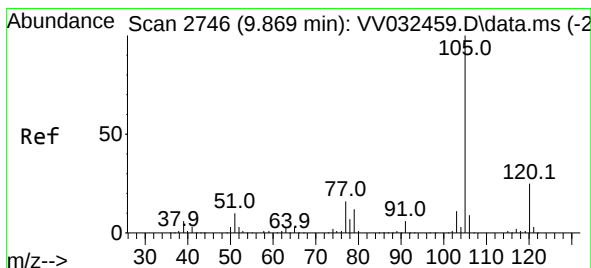
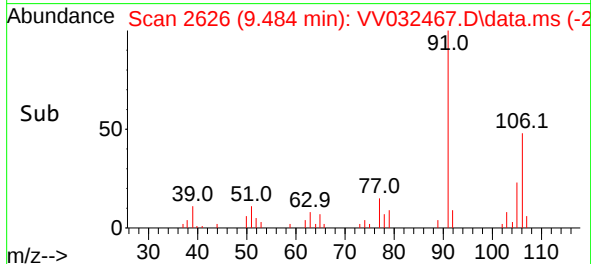
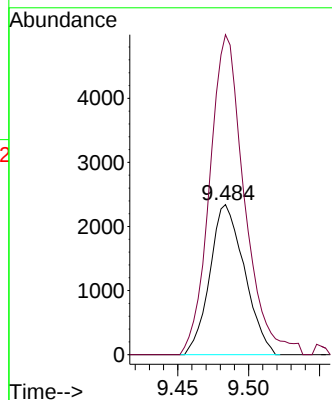
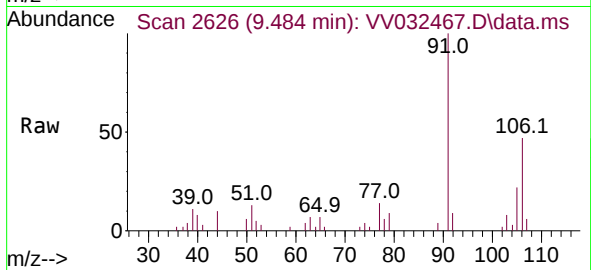




#54
o-Xylene
Concen: 0.251 ug/L
RT: 9.484 min Scan# 2098
Delta R.T. 0.003 min
Lab File: VV032467.D
Acq: 18 Oct 2023 13:31

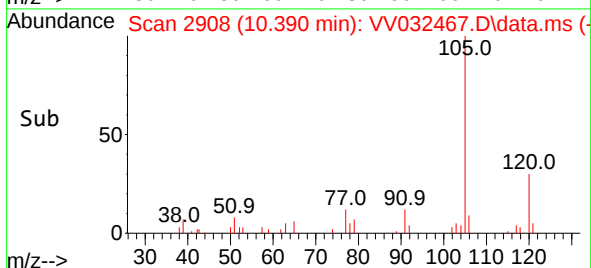
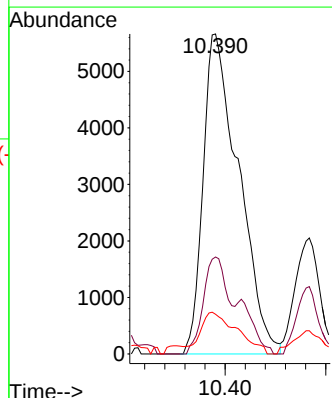
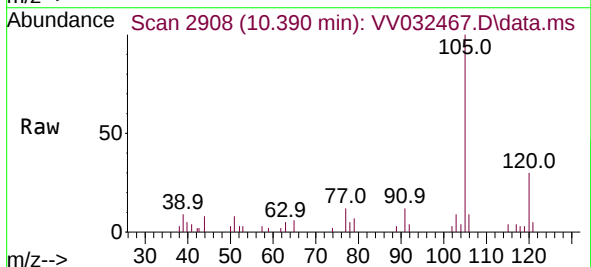
Instrument :
MSVOA_V
ClientSampleId :

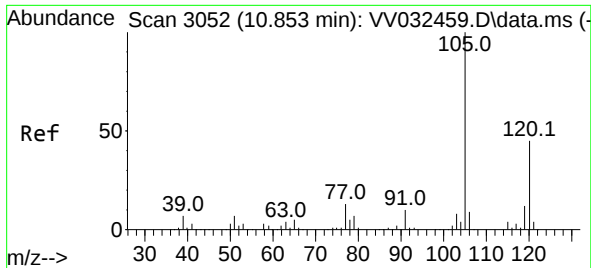
Tgt Ion:106 Resp: 3976
Ion Ratio Lower Upper
106 100
91 213.3 154.8 287.4



#60
Isopropylbenzene
Concen: 0.354 ug/L
RT: 10.390 min Scan# 2908
Delta R.T. 0.521 min
Lab File: VV032467.D
Acq: 18 Oct 2023 13:31

Tgt Ion:105 Resp: 13898
Ion Ratio Lower Upper
105 100
120 21.1 21.0 31.6
77 13.4 12.6 19.0

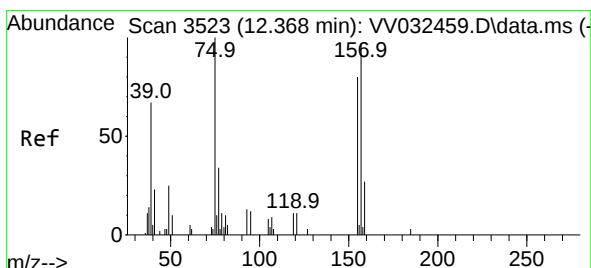
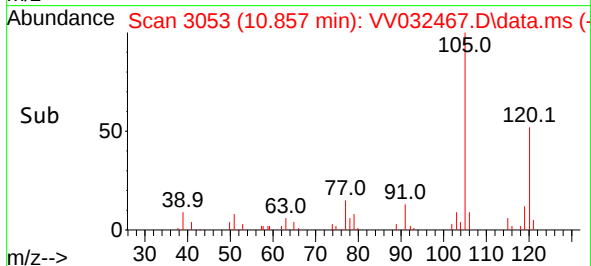
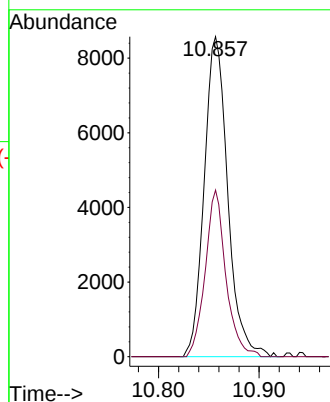
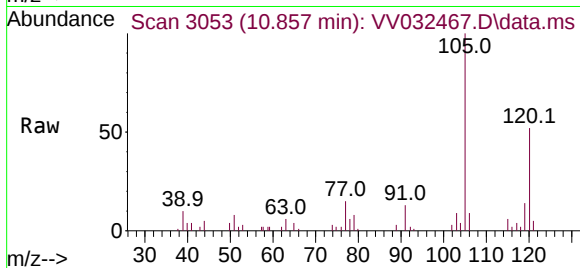




#63
 1,2,4-Trimethylbenzene
 Concen: 0.438 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV032467.D
 Acq: 18 Oct 2023 13:31

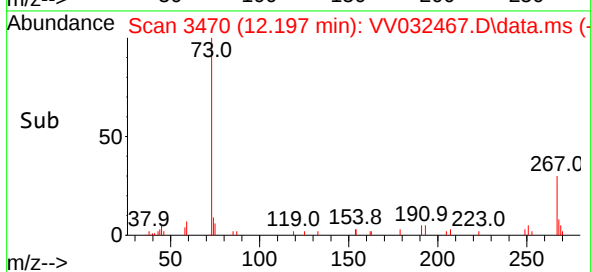
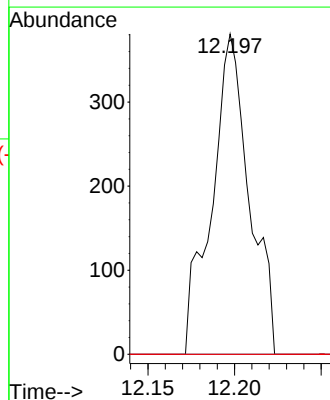
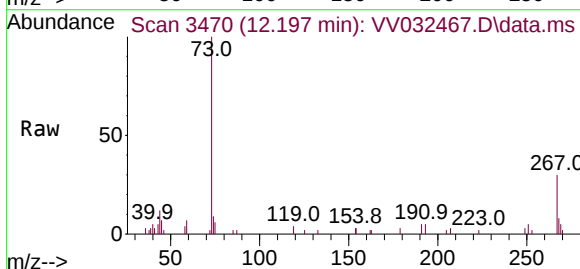
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 ClientSampleId :

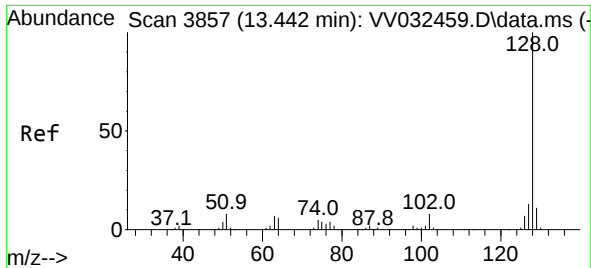
Tgt Ion:105 Resp: 13946
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.2 54.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.526 ug/L
 RT: 12.197 min Scan# 3470
 Delta R.T. -0.170 min
 Lab File: VV032467.D
 Acq: 18 Oct 2023 13:31

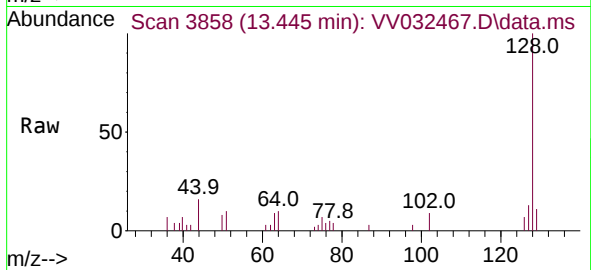
Tgt Ion: 75 Resp: 577
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.2 105.4#
 157 0.0 90.6 135.8#





#71
 Naphthalene
 Concen: 0.355 ug/L
 RT: 13.445 min Scan# 3858
 Delta R.T. 0.003 min
 Lab File: VV032467.D
 Acq: 18 Oct 2023 13:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	7345
Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.0	13.4
127	13.7	10.2	15.2

