

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032711.D
 Acq On : 28 Oct 2023 02:38
 Operator : SY/MD
 Sample : 05055-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 28 05:10:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 02:08:41 2023
 Response via : Initial Calibration

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

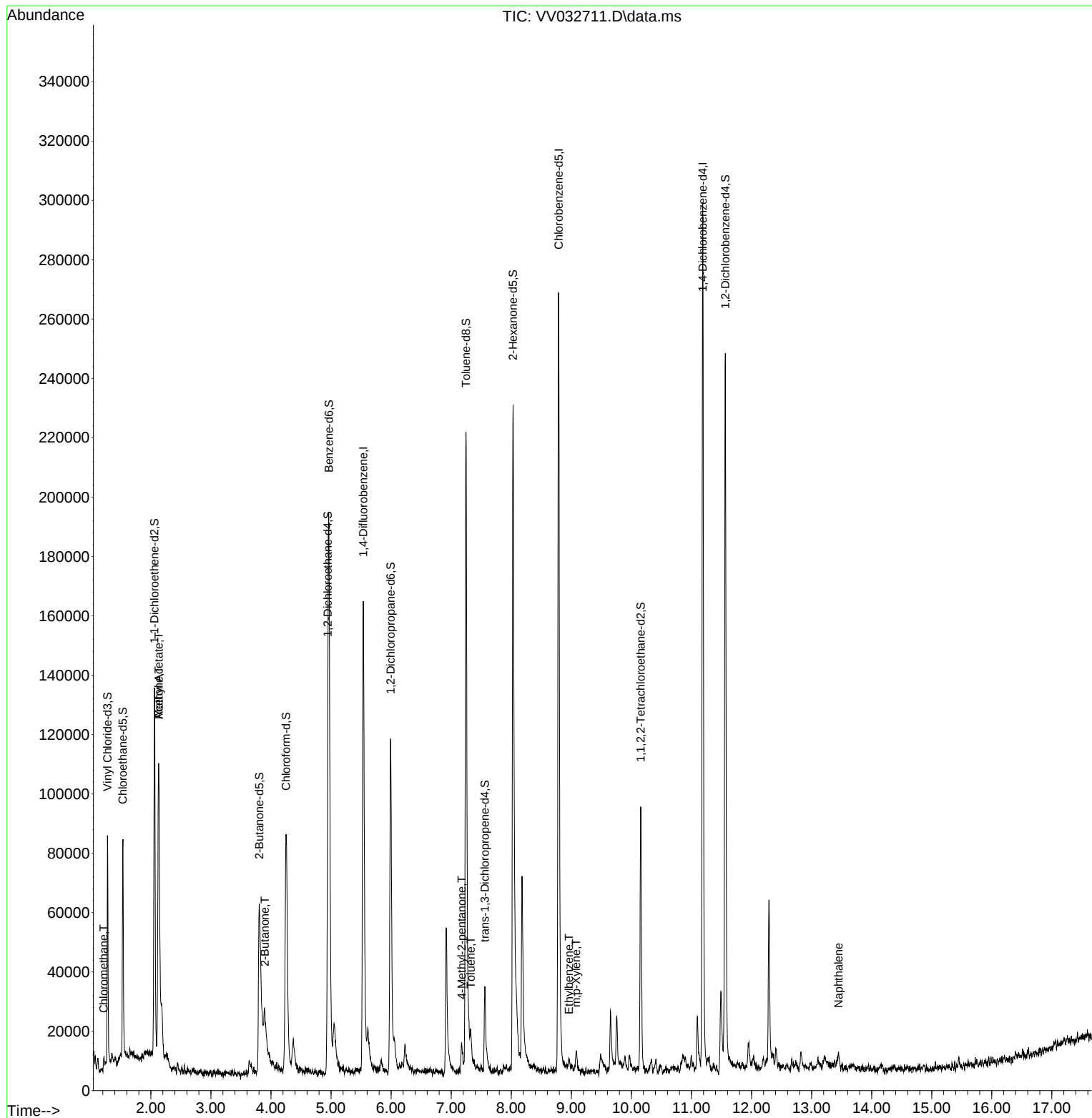
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	135471	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	157612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	72445	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48092	4.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.532	69	45532	4.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.060	65	20009	4.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	3.806	46	104629	43.548	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.100%
24) Chloroform-d	4.249	84	87609	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.947	65	44708	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.963	84	172495	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.992	67	52909	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.246	98	159232	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.561	79	18479	3.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.030	63	79861	42.026	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.060%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	43736	4.526	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	60844	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2367	0.144	ug/L #	80
13) Acetone	2.130	43	147373	62.134	ug/L	92
15) Methyl Acetate	2.130	43	146213	30.783	ug/L #	46
21) 2-Butanone	3.896	43	36183	11.539	ug/L #	77
40) 4-Methyl-2-pentanone	7.175	43	6928	0.896	ug/L #	87
42) Toluene	7.326	91	8280	0.143	ug/L	95
52) Ethylbenzene	8.960	91	2568	0.042	ug/L #	60
53) m,p-Xylene	9.082	106	2501	0.109	ug/L	70
71) Naphthalene	13.448	128	3797	0.150	ug/L #	87

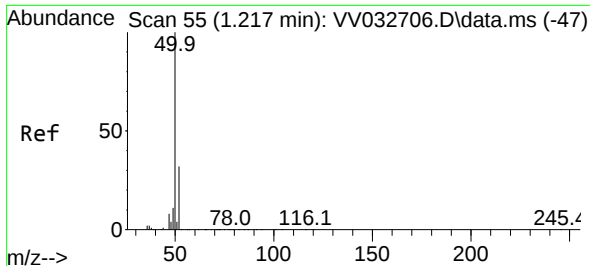
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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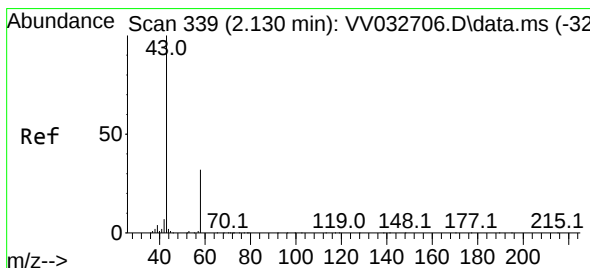
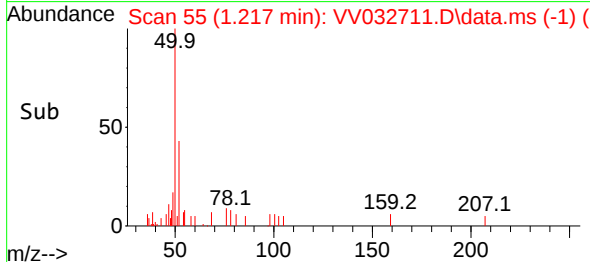
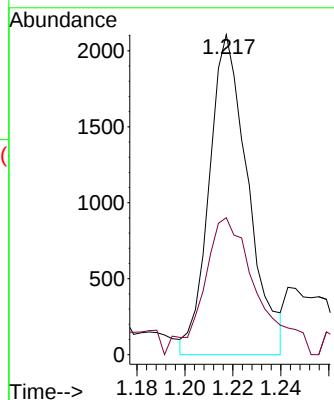
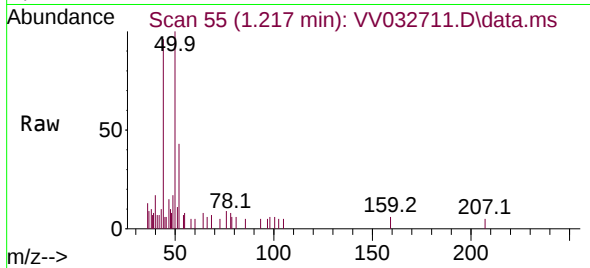




#3
Chloromethane
Concen: 0.144 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032711.D
Acq: 28 Oct 2023 02:38

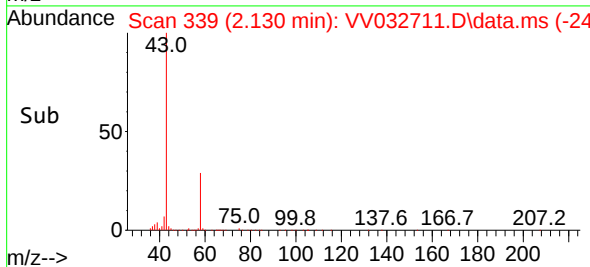
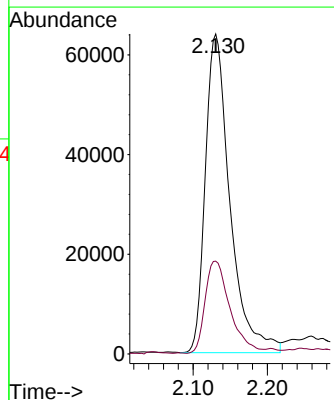
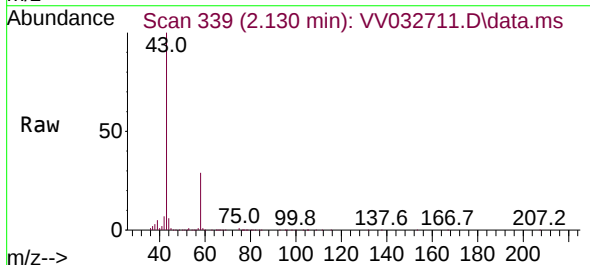
Instrument :
MSVOA_V
ClientSampleId :

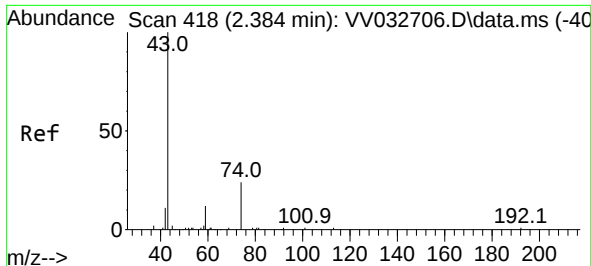
Tgt Ion: 50 Resp: 2367
Ion Ratio Lower Upper
50 100
52 42.8 22.3 41.5#



#13
Acetone
Concen: 62.134 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.000 min
Lab File: VV032711.D
Acq: 28 Oct 2023 02:38

Tgt Ion: 43 Resp: 147373
Ion Ratio Lower Upper
43 100
58 29.2 0.0 50.6

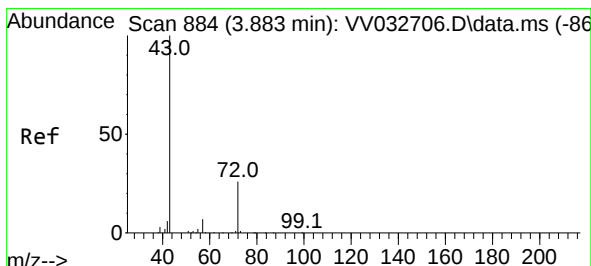
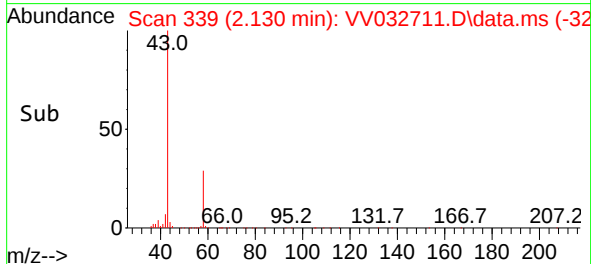
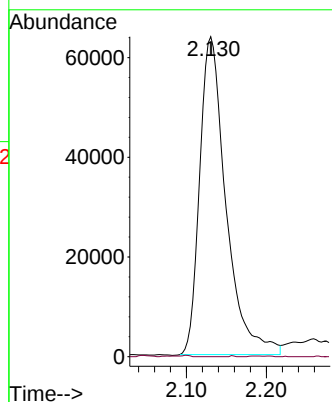
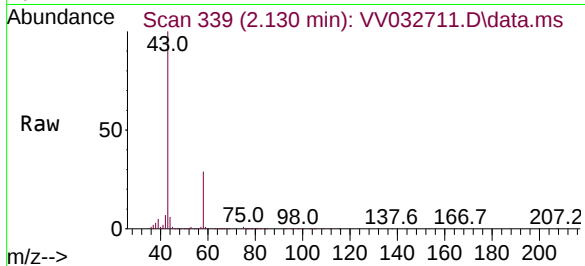




#15
Methyl Acetate
Concen: 30.783 ug/L
RT: 2.130 min Scan# 31
Delta R.T. -0.254 min
Lab File: VV032711.D
Acq: 28 Oct 2023 02:38

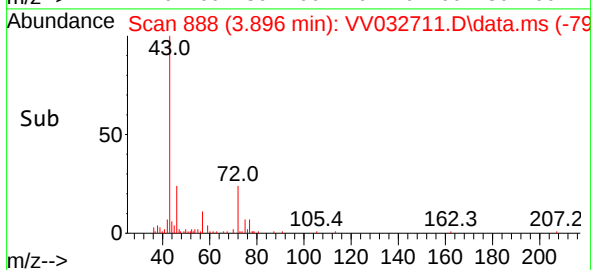
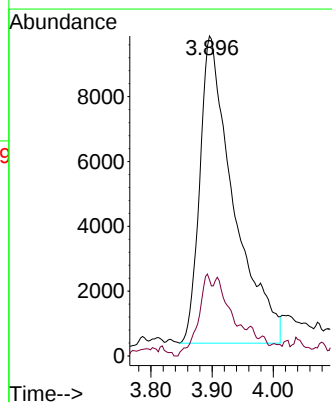
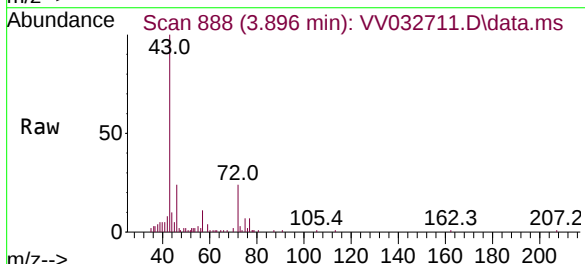
Instrument :
MSVOA_V
ClientSampleId :

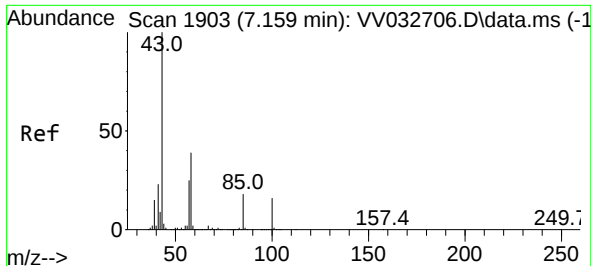
Tgt Ion: 43 Resp: 146213
Ion Ratio Lower Upper
43 100
74 0.0 23.1 34.7#



#21
2-Butanone
Concen: 11.539 ug/L
RT: 3.896 min Scan# 888
Delta R.T. 0.013 min
Lab File: VV032711.D
Acq: 28 Oct 2023 02:38

Tgt Ion: 43 Resp: 36183
Ion Ratio Lower Upper
43 100
72 10.2 10.4 31.2#





#40

4-Methyl-2-pentanone

Concen: 0.896 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.016 min

Lab File: VV032711.D

Acq: 28 Oct 2023 02:38

Instrument :

MSVOA_V

ClientSampleId :

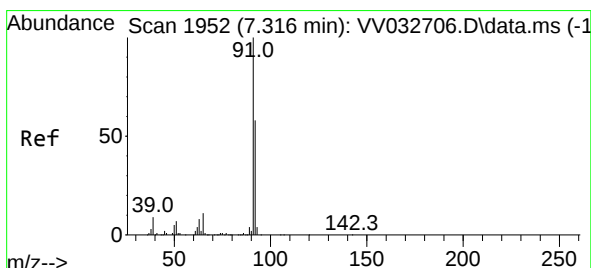
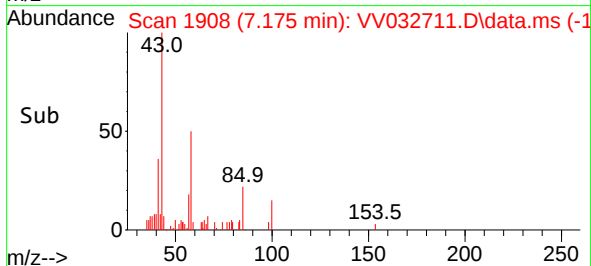
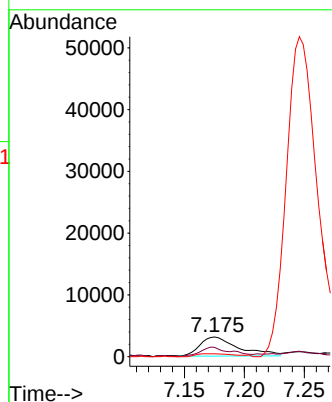
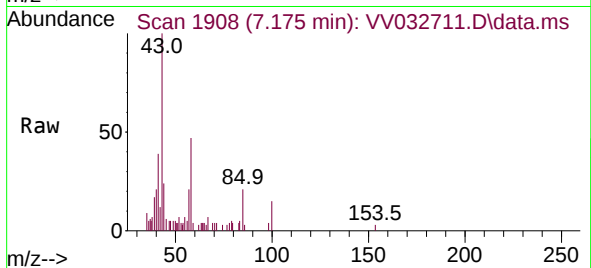
Tgt Ion: 43 Resp: 6928

Ion Ratio Lower Upper

43 100

58 41.1 31.3 46.9

100 0.0 12.2 18.4#



#42

Toluene

Concen: 0.143 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV032711.D

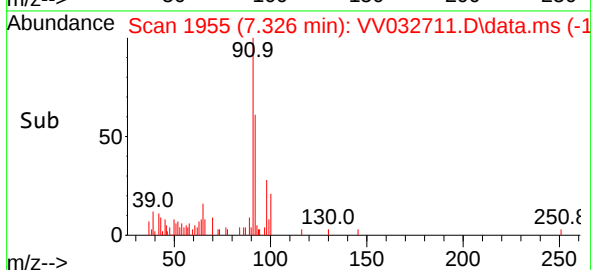
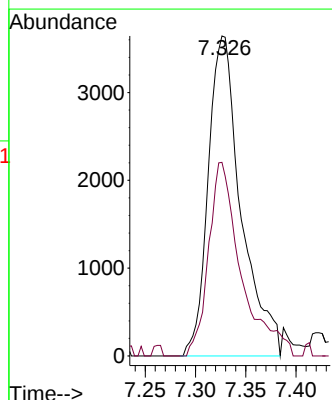
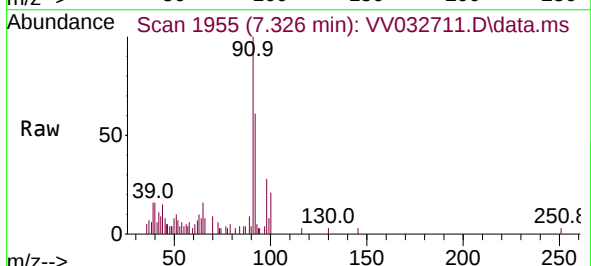
Acq: 28 Oct 2023 02:38

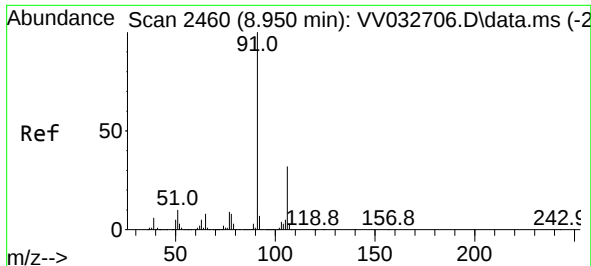
Tgt Ion: 91 Resp: 8280

Ion Ratio Lower Upper

91 100

92 60.5 39.9 74.1





#52

Ethylbenzene

Concen: 0.042 ug/L

RT: 8.960 min Scan# 2460

Delta R.T. 0.010 min

Lab File: VV032711.D

Acq: 28 Oct 2023 02:38

Instrument :

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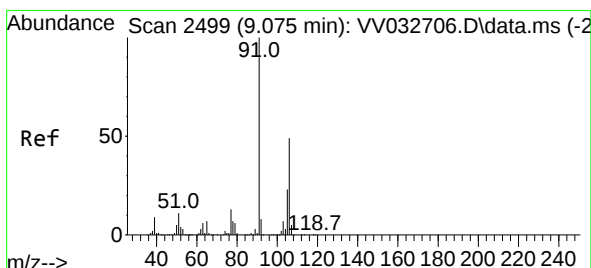
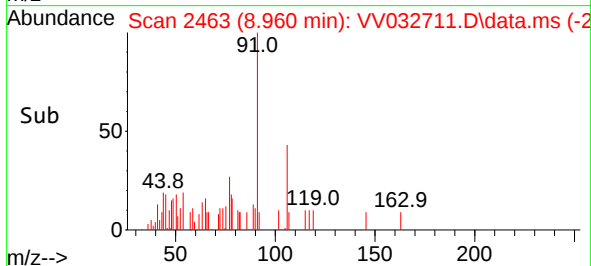
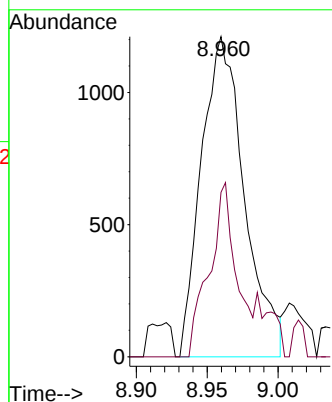
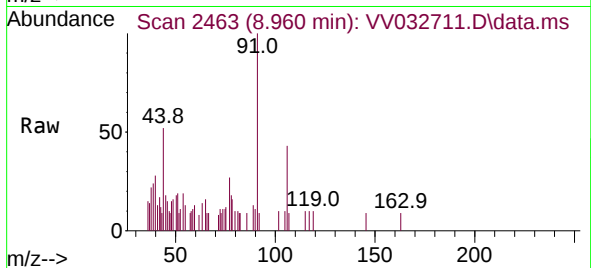
ClientSampleId :

Tgt Ion: 91 Resp: 2568

Ion Ratio Lower Upper

91 100

106 51.4 20.9 38.9#



#53

m,p-Xylene

Concen: 0.109 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.007 min

Lab File: VV032711.D

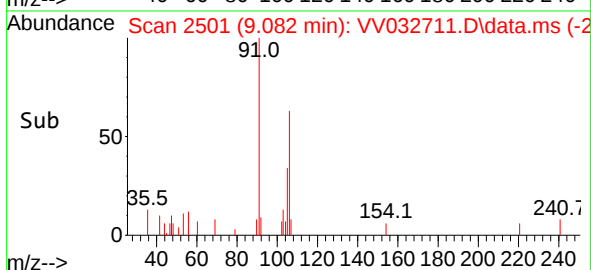
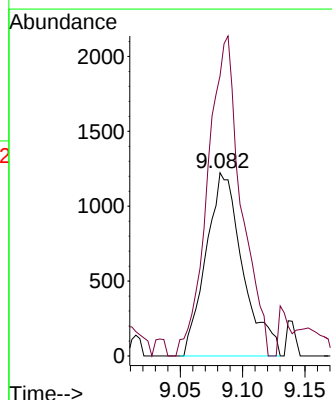
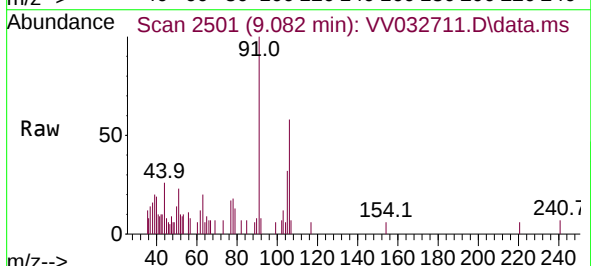
Acq: 28 Oct 2023 02:38

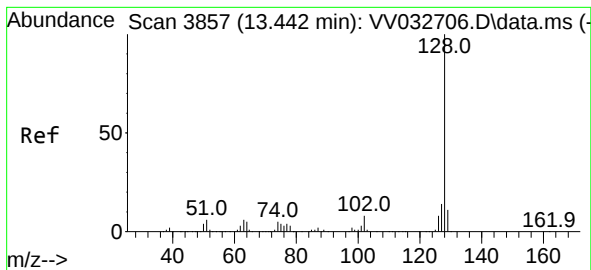
Tgt Ion: 106 Resp: 2501

Ion Ratio Lower Upper

106 100

91 153.0 139.3 258.7





#71

Naphthalene

Concen: 0.150 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.007 min

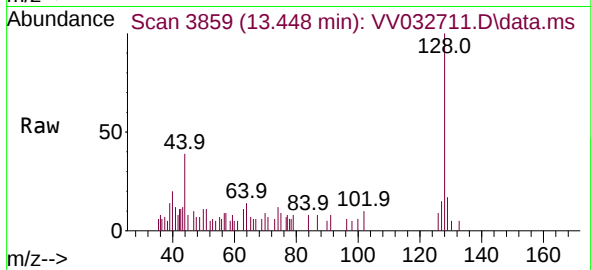
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Tgt Ion:128 Resp: 3797

Ion Ratio Lower Upper

128 100

129 16.2 8.6 12.8#

127 17.5 10.4 15.6#

