

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032353.D
 Acq On : 10 Oct 2023 01:28
 Operator : SY/MD
 Sample : 04774-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX870

Quant Time: Oct 10 06:02:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 10 05:42:01 2023
 Response via : Initial Calibration

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

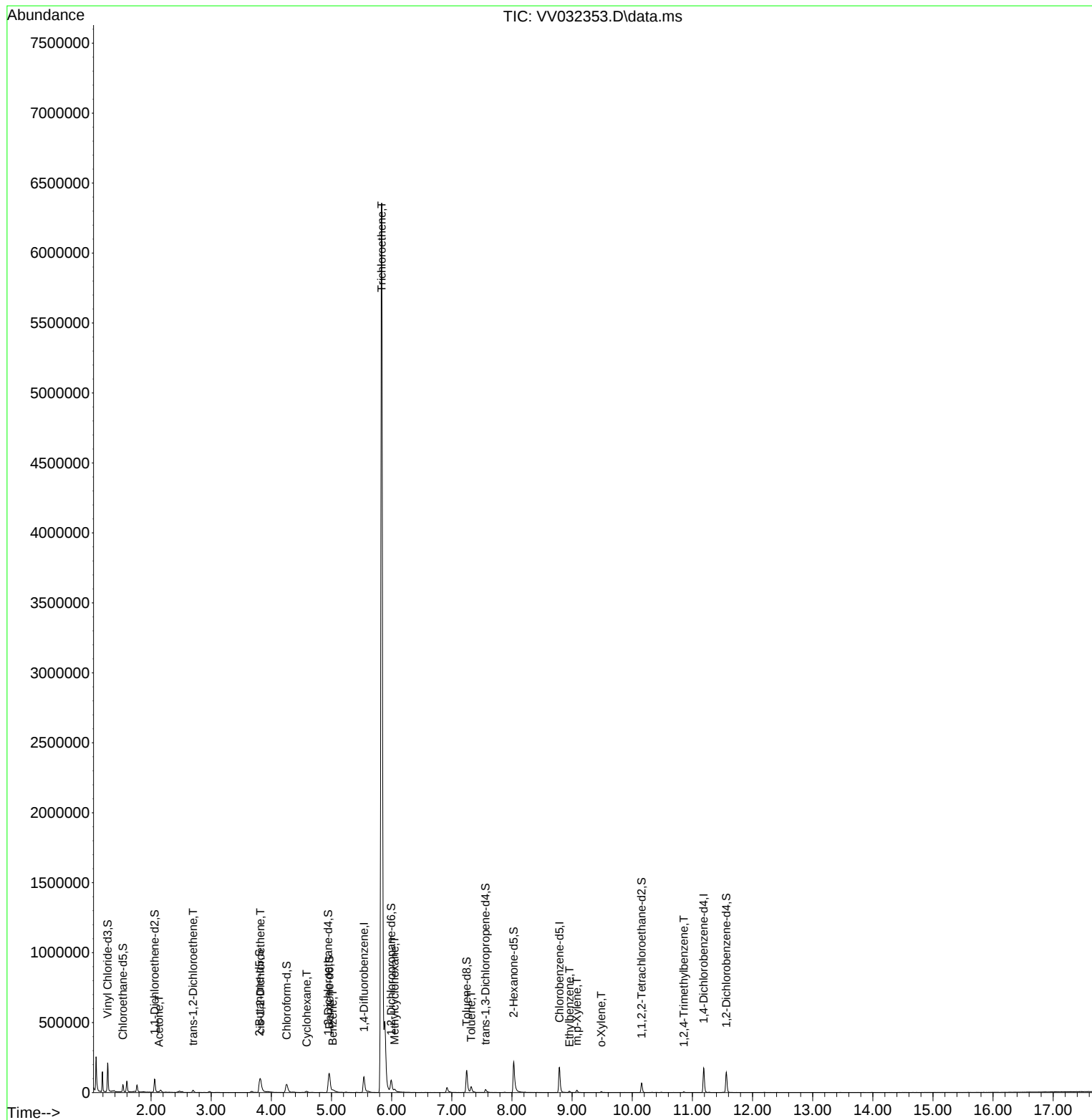
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	98277	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41035	5.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.600%
7) Chloroethane-d5	1.532	69	31909	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.060	65	15492	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.802	46	92431	45.715	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.420%
24) Chloroform-d	4.256	84	63543	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.947	65	31321	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.963	84	122960	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.992	67	45765	4.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.246	98	112747	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.561	79	14645	4.080	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.031	63	82179	48.657	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34568	4.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	38060	4.547	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
13) Acetone	2.130	43	3596	2.308	ug/L	75
18) trans-1,2-Dichloroethene	2.700	96	4247	0.514	ug/L	89
22) cis-1,2-Dichloroethene	3.818	96	35275	3.968	ug/L	95
30) Cyclohexane	4.587	56	4201	0.271	ug/L	97
33) Benzene	5.021	78	14091	0.385	ug/L	100
34) Trichloroethene	5.834	95	2217668	222.060	ug/L	98
35) Methylcyclohexane	6.050	83	4034	0.261	ug/L #	70
42) Toluene	7.323	91	32367	0.830	ug/L	96
52) Ethylbenzene	8.957	91	6665	0.153	ug/L	94
53) m,p-Xylene	9.082	106	4921	0.306	ug/L	87
54) o-Xylene	9.484	106	1952	0.126	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	2984	0.105	ug/L	98

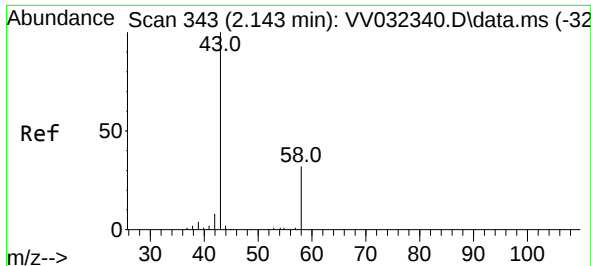
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.308 ug/L

RT: 2.130 min Scan# 343

Delta R.T. -0.013 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

Instrument :

MSVOA_V

ClientSampleId :

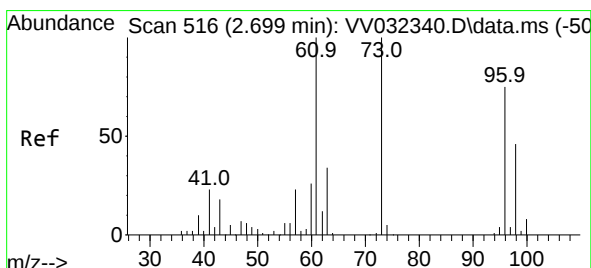
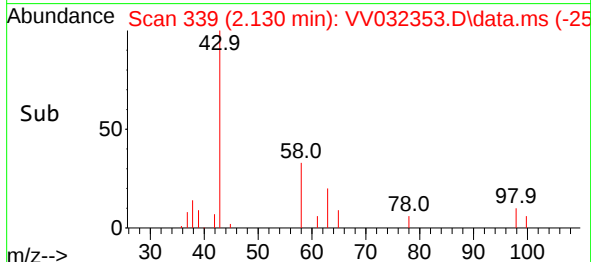
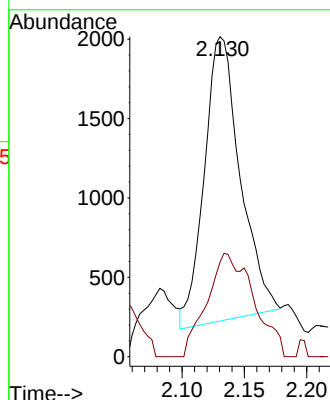
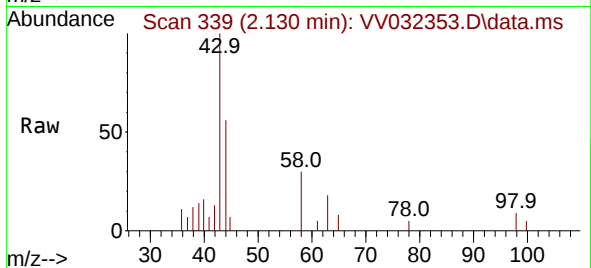
EX870

Tgt Ion: 43 Resp: 3596

Ion Ratio Lower Upper

43 100

58 47.3 0.0 66.0



#18

trans-1,2-Dichloroethene

Concen: 0.514 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

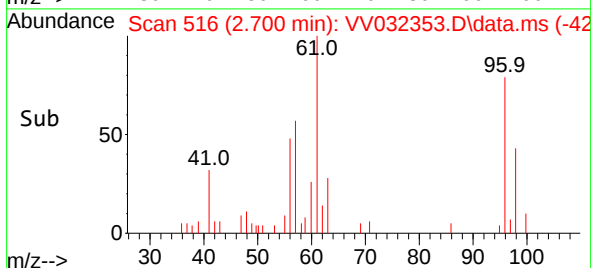
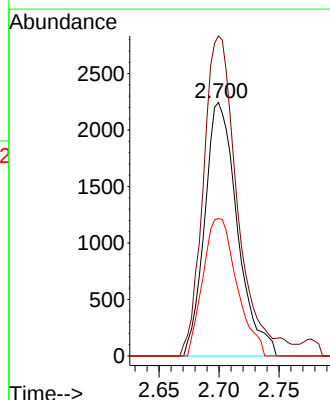
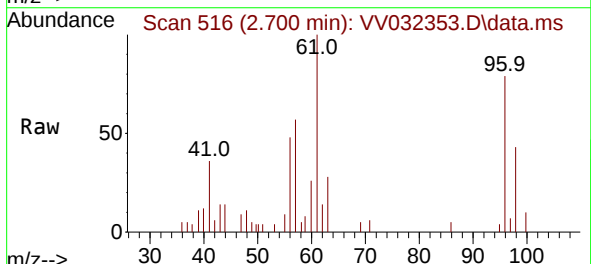
Tgt Ion: 96 Resp: 4247

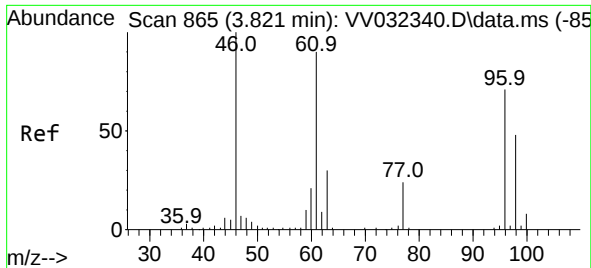
Ion Ratio Lower Upper

96 100

61 126.2 96.9 180.1

98 54.2 45.3 84.1





#22

cis-1,2-Dichloroethene

Concen: 3.968 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.003 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

Instrument :

MSVOA_V

ClientSampleId :

EX870

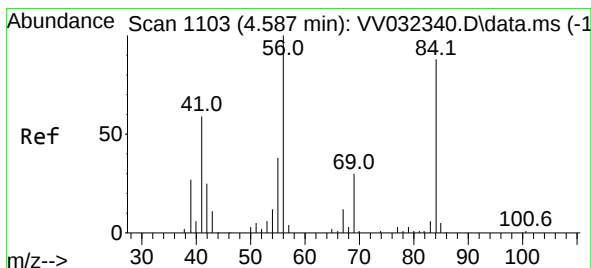
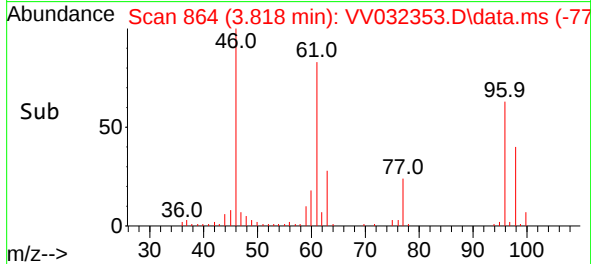
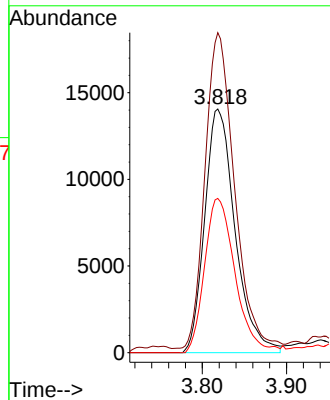
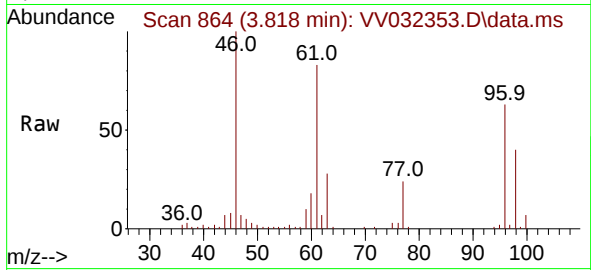
Tgt Ion: 96 Resp: 35275

Ion Ratio Lower Upper

96 100

61 131.4 85.8 159.4

98 63.3 44.0 81.6



#30

Cyclohexane

Concen: 0.271 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

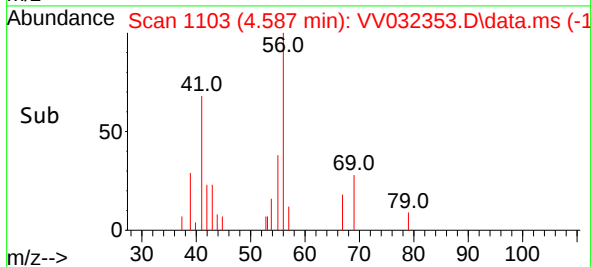
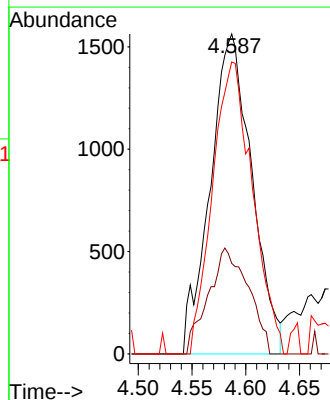
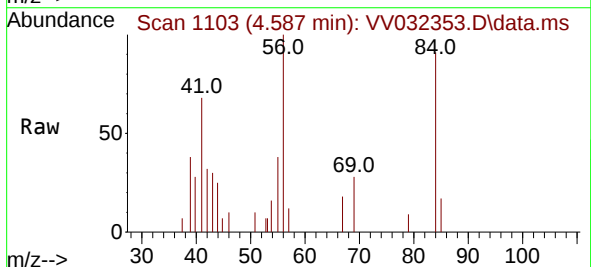
Tgt Ion: 56 Resp: 4201

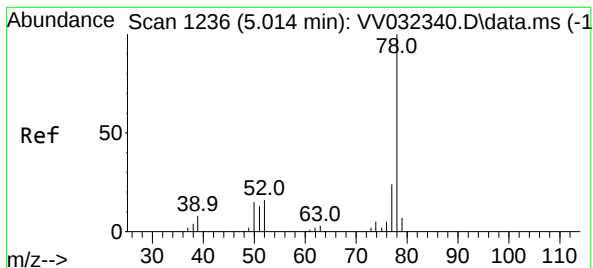
Ion Ratio Lower Upper

56 100

69 31.8 24.2 36.2

84 87.7 68.1 102.1





#33

Benzene

Concen: 0.385 ug/L

RT: 5.021 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

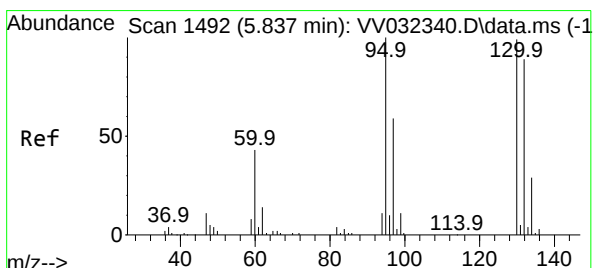
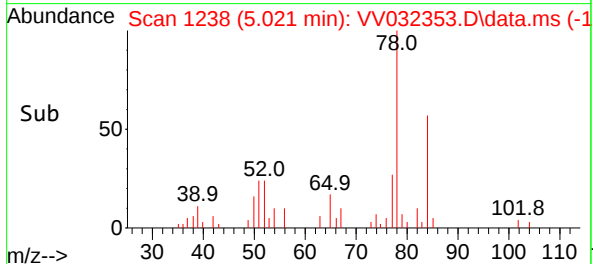
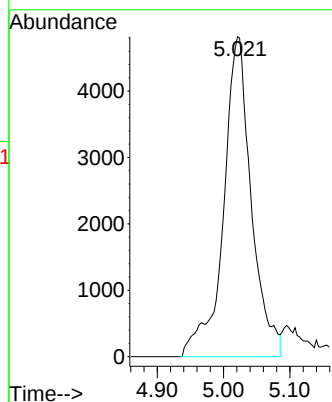
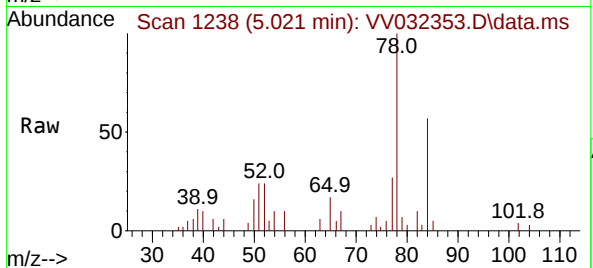
Instrument :

MSVOA_V

ClientSampleId :

EX870

Tgt Ion: 78 Resp: 14091



#34

Trichloroethene

Concen: 222.060 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

Tgt Ion: 95 Resp: 2217668

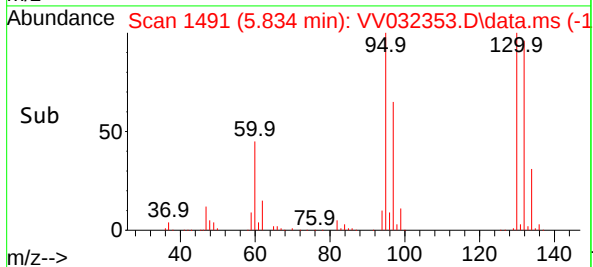
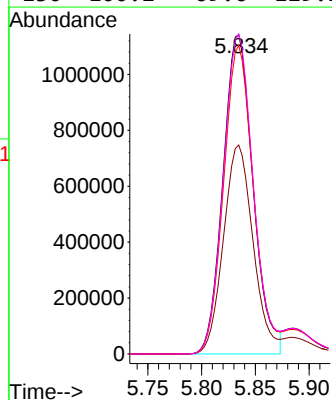
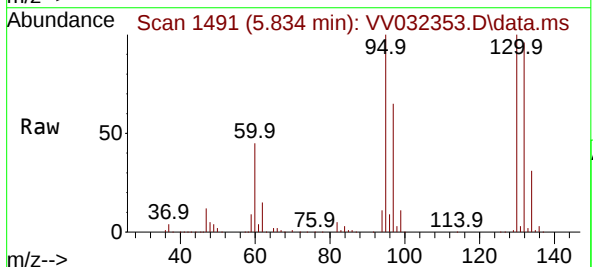
Ion Ratio Lower Upper

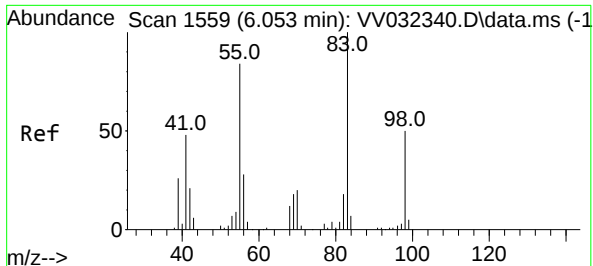
95 100

97 65.4 45.7 84.9

132 96.6 70.3 130.5

130 100.2 69.6 129.2

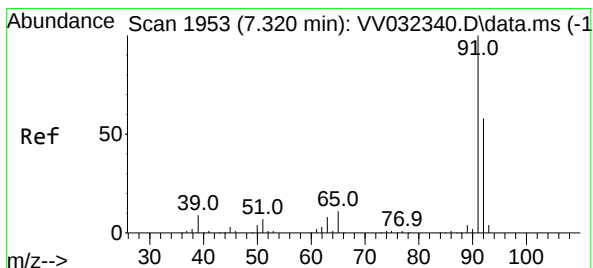
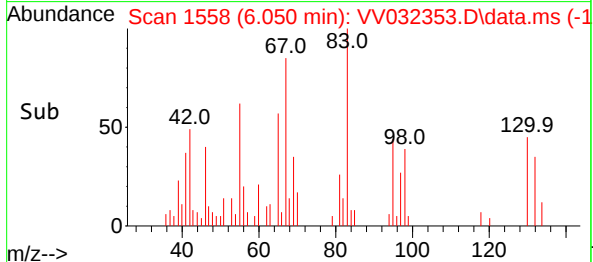
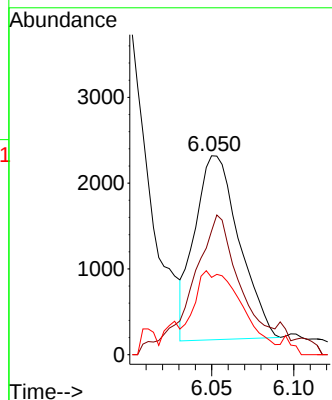
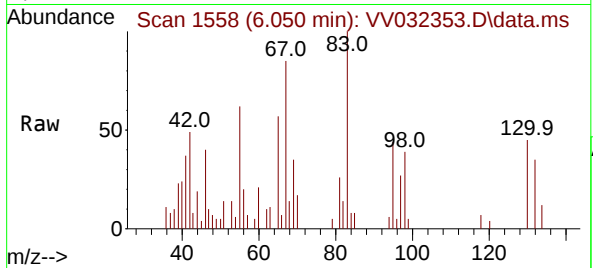




#35
Methylcyclohexane
Concen: 0.261 ug/L
RT: 6.050 min Scan# 1559
Delta R.T. -0.003 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

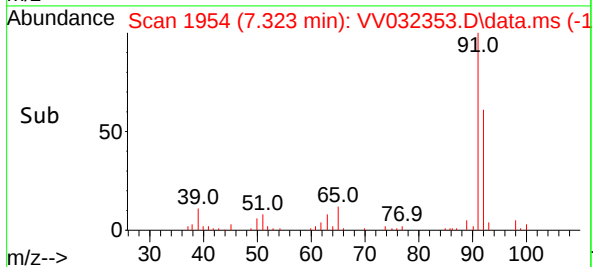
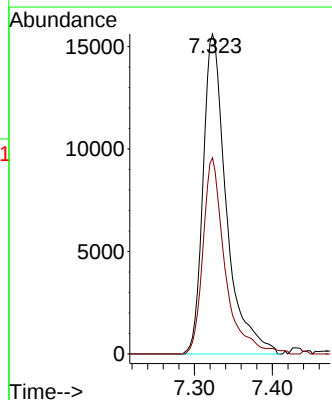
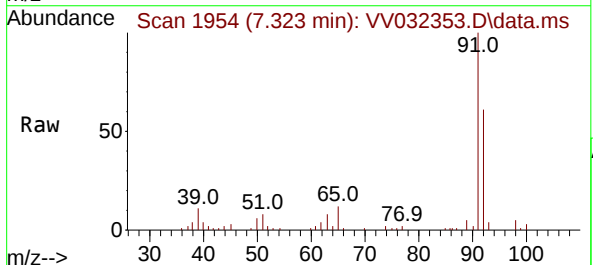
Instrument :
MSVOA_V
ClientSampleId :
EX870

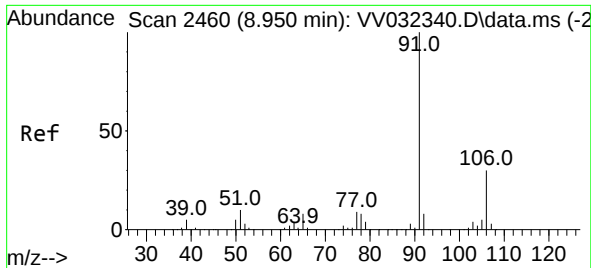
Tgt Ion: 83 Resp: 4034
Ion Ratio Lower Upper
83 100
55 83.9 64.2 96.2
98 0.0 39.6 59.4#



#42
Toluene
Concen: 0.830 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.003 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

Tgt Ion: 91 Resp: 32367
Ion Ratio Lower Upper
91 100
92 61.3 40.8 75.8

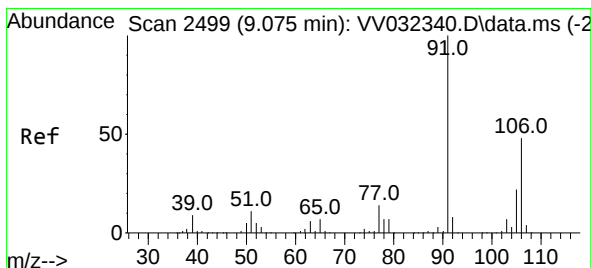
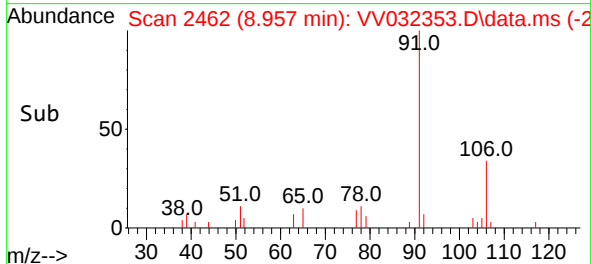
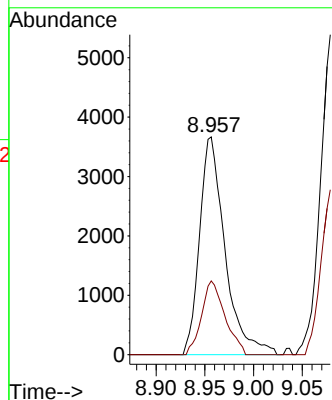
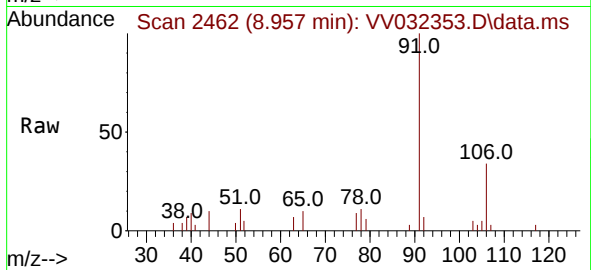




#52
Ethylbenzene
Concen: 0.153 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.007 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

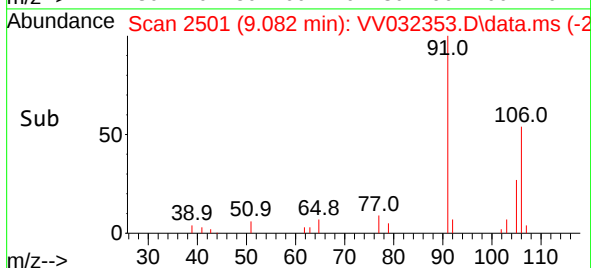
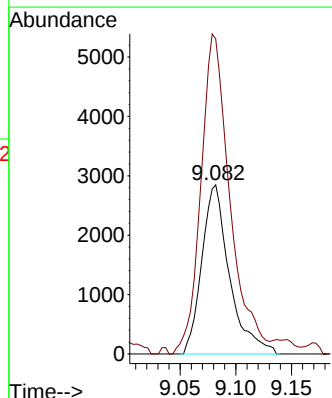
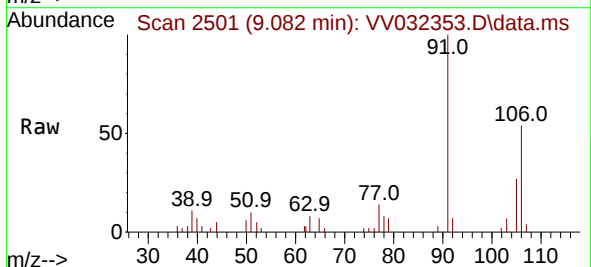
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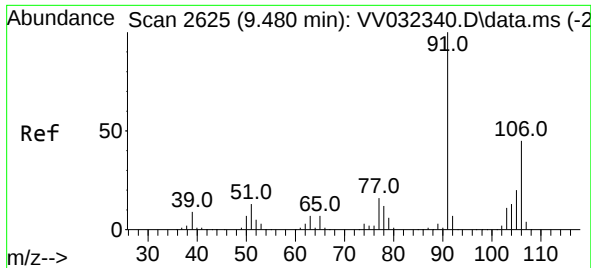
Tgt Ion: 91 Resp: 6665
Ion Ratio Lower Upper
91 100
106 33.9 21.3 39.5



#53
m,p-Xylene
Concen: 0.306 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.007 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

Tgt Ion: 106 Resp: 4921
Ion Ratio Lower Upper
106 100
91 186.3 144.5 268.3

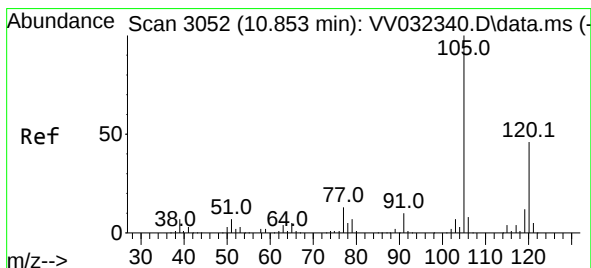
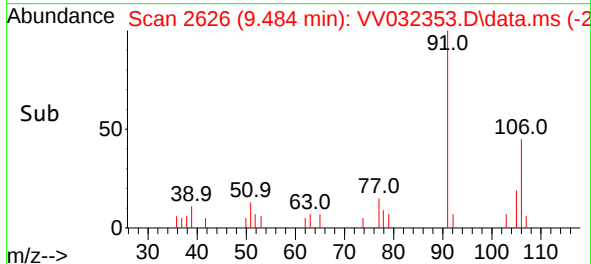
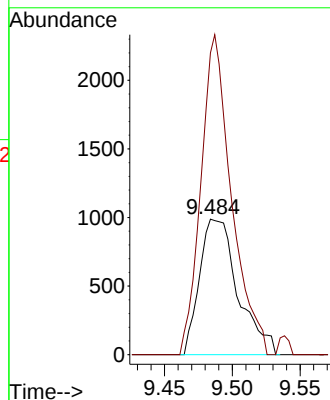
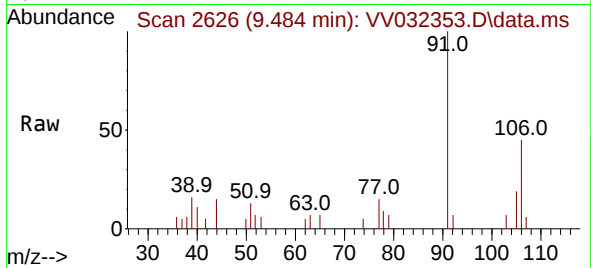




#54
o-Xylene
Concen: 0.126 ug/L
RT: 9.484 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

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Tgt Ion:106 Resp: 1952
Ion Ratio Lower Upper
106 100
91 222.7 154.8 287.4



#63
1,2,4-Trimethylbenzene
Concen: 0.105 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.007 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

Tgt Ion:105 Resp: 2984
Ion Ratio Lower Upper
105 100
120 46.5 36.2 54.4

