

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100923\
 Data File : VV032353.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 :

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)

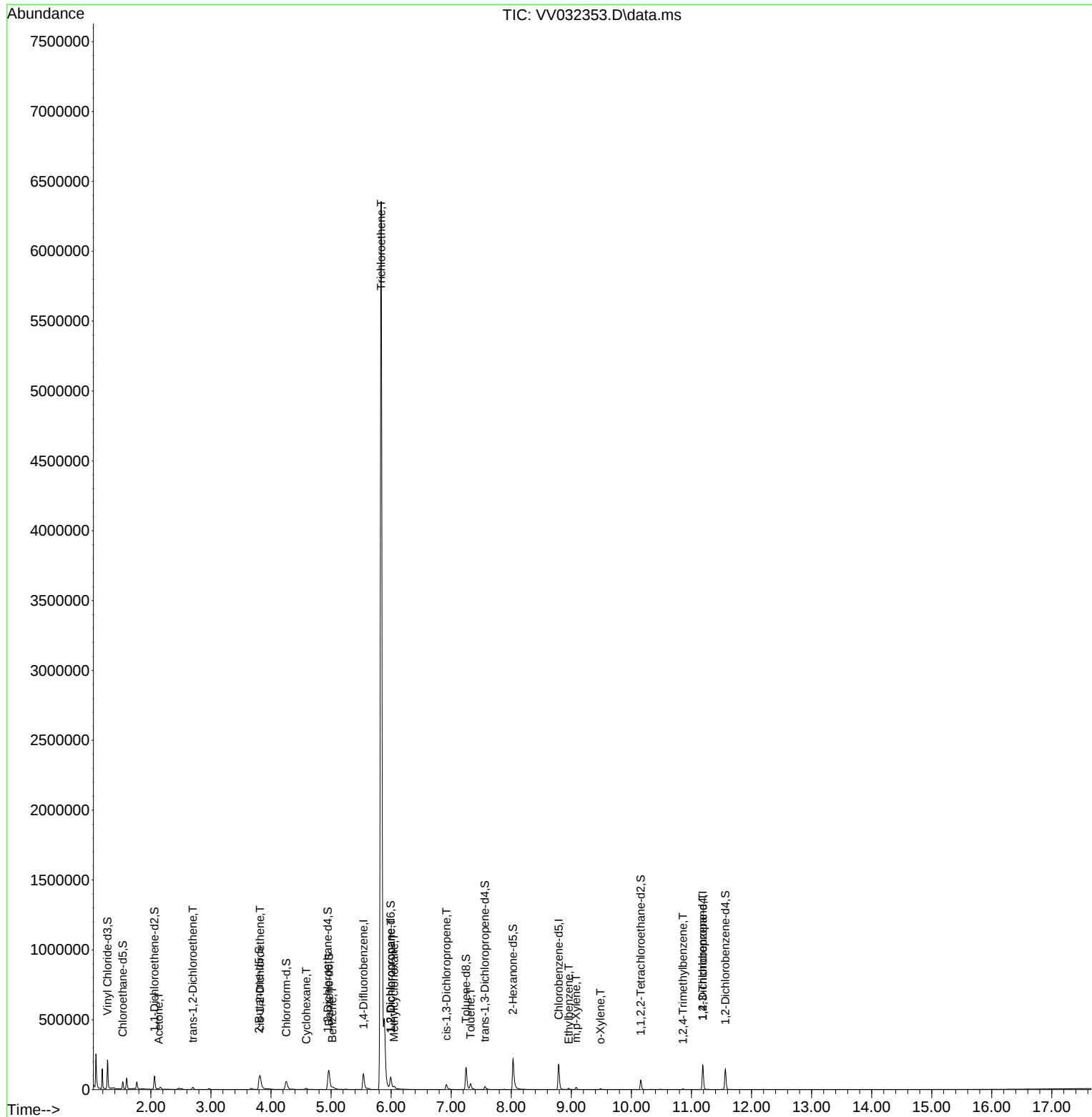
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	98277	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41035	5.134	ug/L	0.00
Spiked Amount	5.000	Range	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
37) 1,2-Dichloropropane	5.995	63	4684	0.479	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	947	0.068	ug/L #	76
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
61) 1,2,3-Trichloropropane	11.188	75	5598	1.166	ug/L #	67
63) 1,2,4-Trimethylbenzene	10.860	105	2984	0.105	ug/L	98

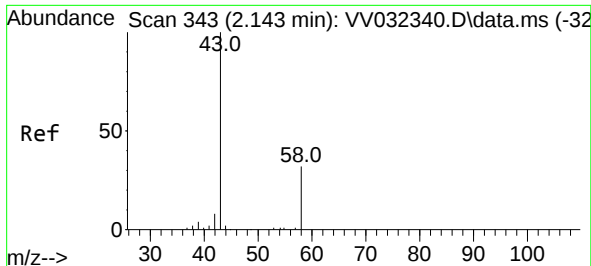
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 10 05:42:01 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.308 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

Instrument :

MSVOA_V

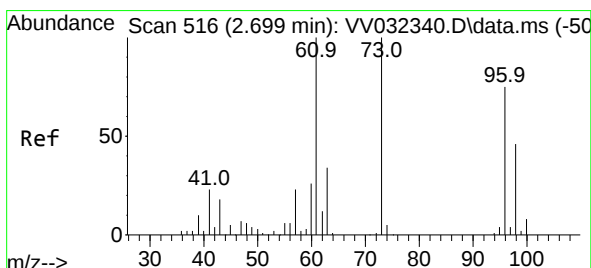
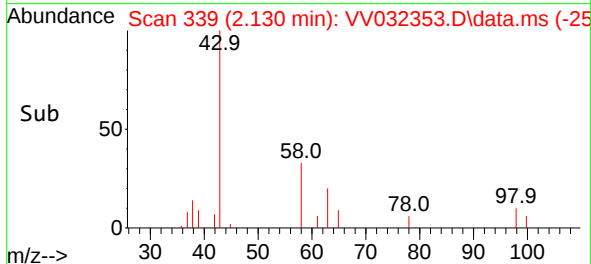
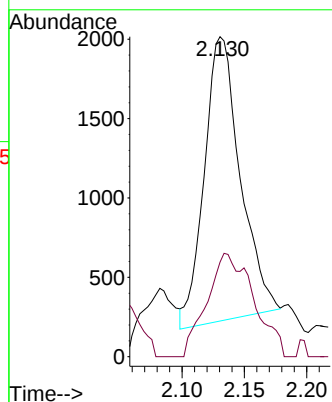
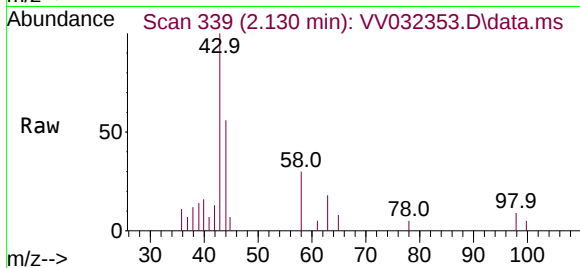
ClientSampleId :

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

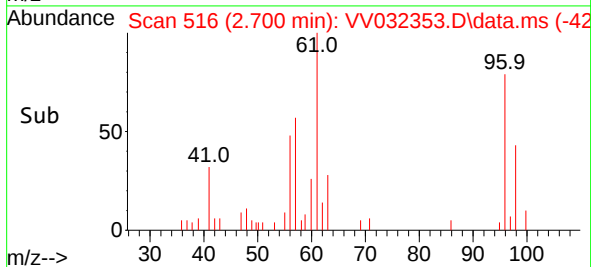
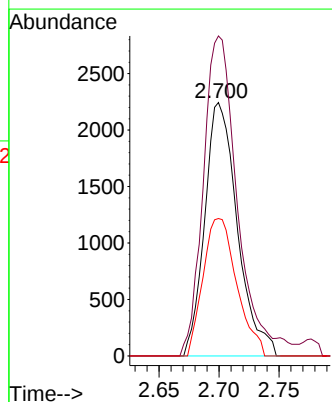
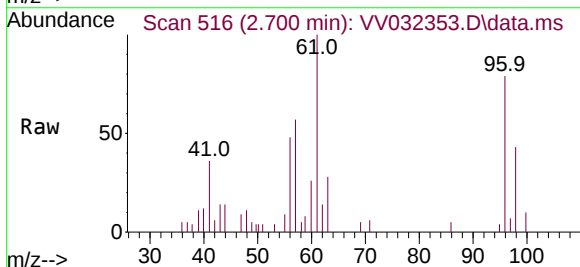
Tgt Ion: 96 Resp: 4247

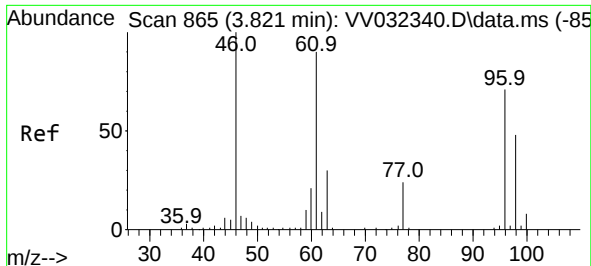
Ion Ratio Lower Upper

96 100

61 126.2 96.9 180.1

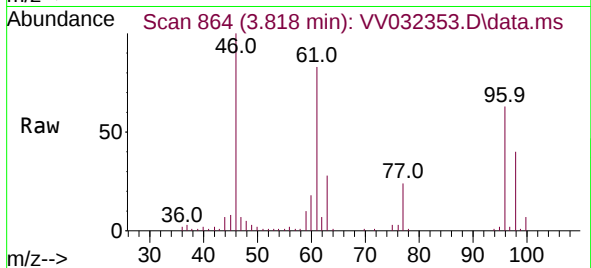
98 54.2 45.3 84.1





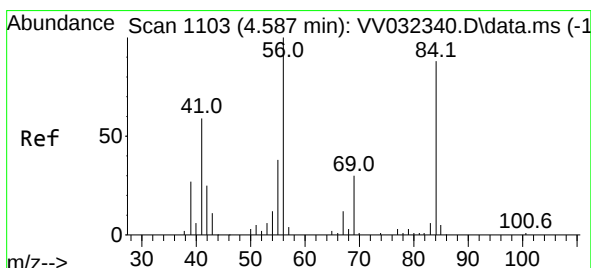
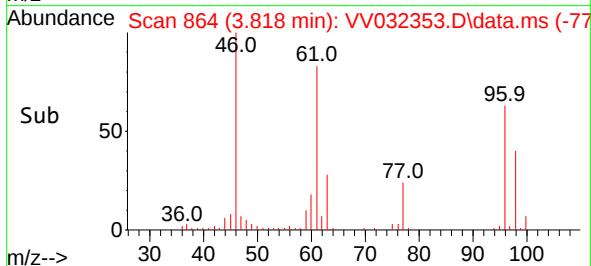
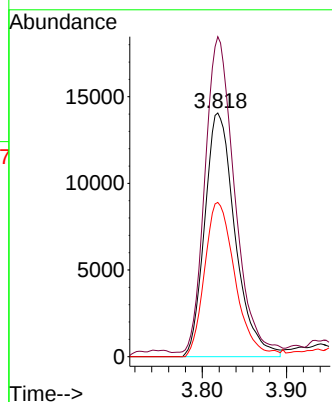
#22
 cis-1,2-Dichloroethene
 Concen: 3.968 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV032353.D
 Acq: 10 Oct 2023 01:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 35275

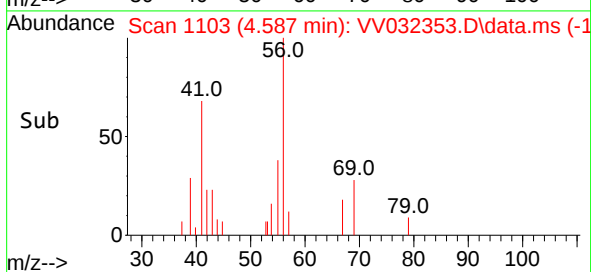
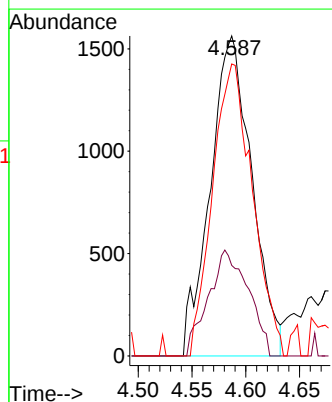
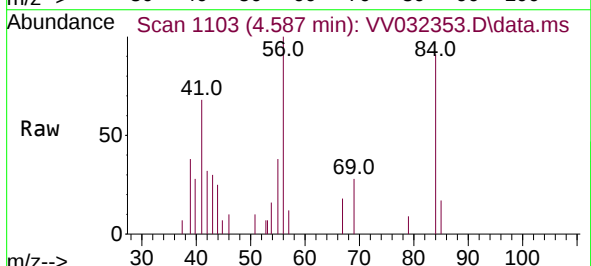
Ion	Ratio	Lower	Upper
96	100		
61	131.4	85.8	159.4
98	63.3	44.0	81.6

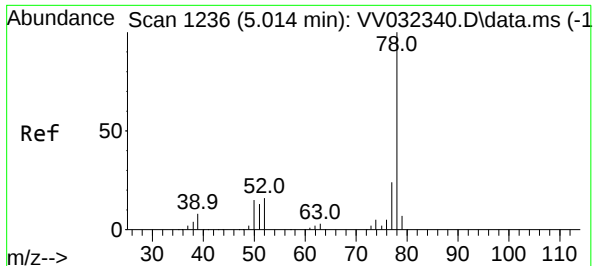


#30
 Cyclohexane
 Concen: 0.271 ug/L
 RT: 4.587 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VV032353.D
 Acq: 10 Oct 2023 01:28

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

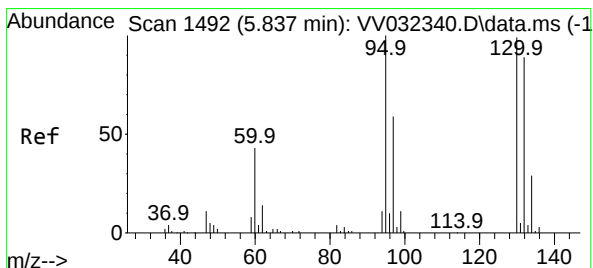
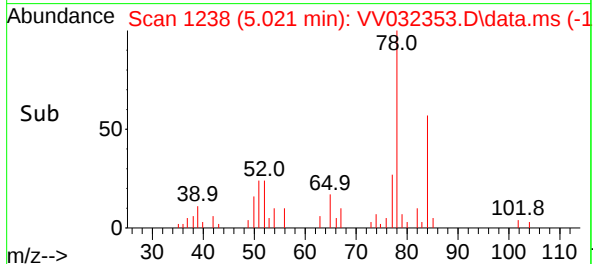
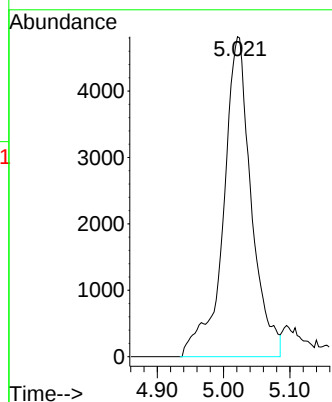
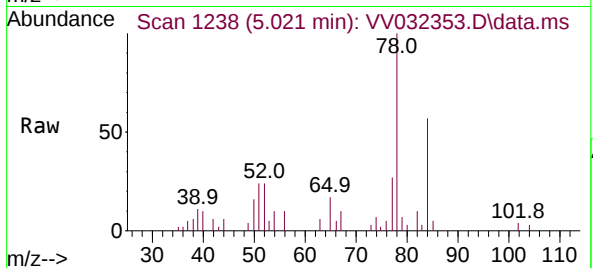




#33
Benzene
Concen: 0.385 ug/L
RT: 5.021 min Scan# 1490
Delta R.T. 0.007 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

Instrument :
MSVOA_V
ClientSampleId :

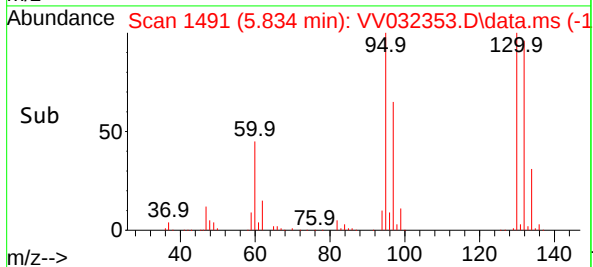
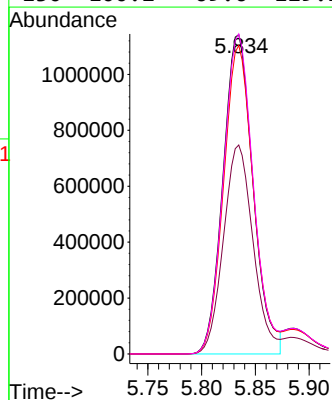
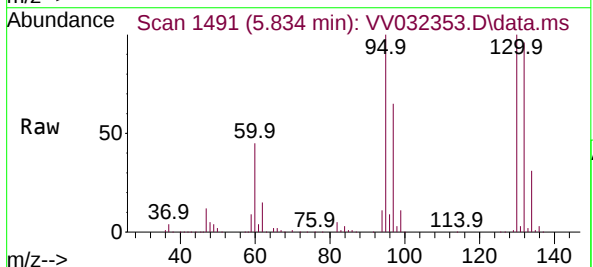
Tgt Ion: 78 Resp: 14091

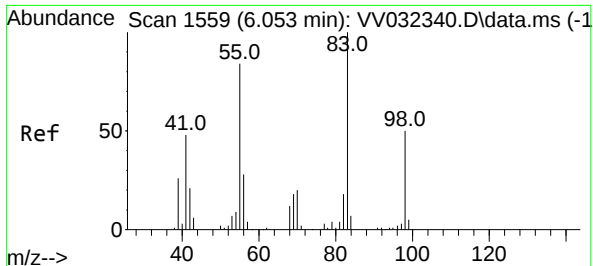


#34
Trichloroethene
Concen: 222.060 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

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

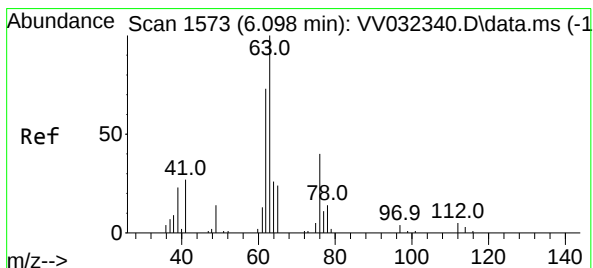
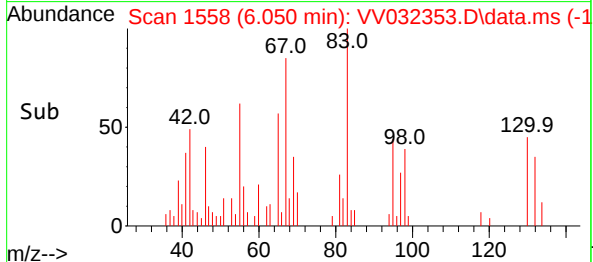
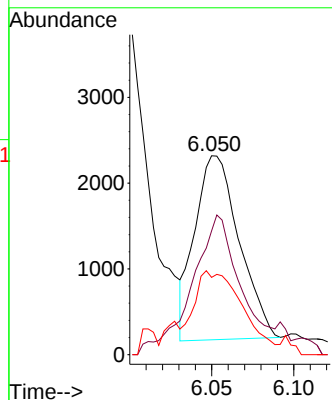
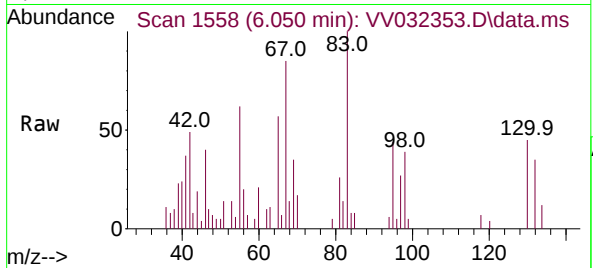




#35
Methylcyclohexane
Concen: 0.261 ug/L
RT: 6.050 min Scan# 1541
Delta R.T. -0.003 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

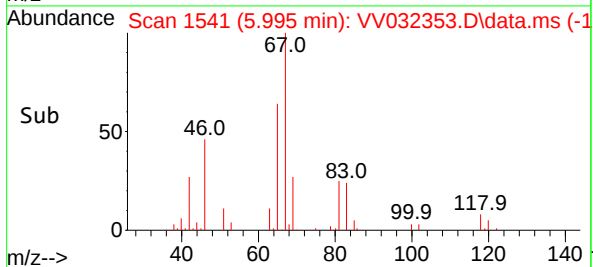
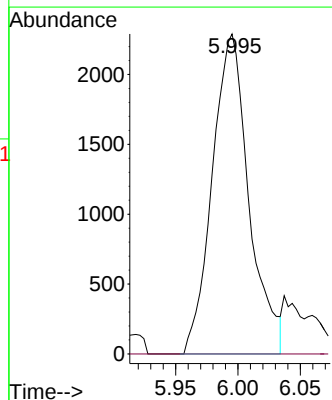
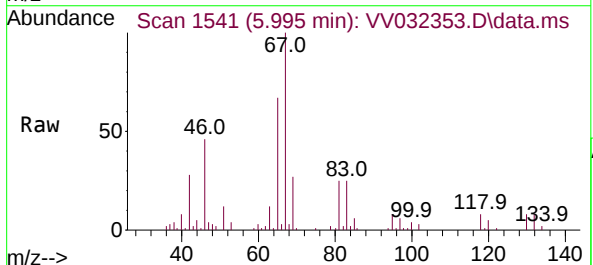
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MSVOA_V
ClientSampleId :

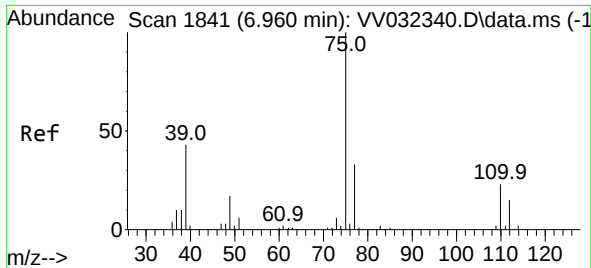
Tgt Ion: 83 Resp: 4034
Ion Ratio Lower Upper
83 100
55 83.9 64.2 96.2
98 0.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.479 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV032353.D
Acq: 10 Oct 2023 01:28

Tgt Ion: 63 Resp: 4684
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.038 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

Instrument :

MSVOA_V

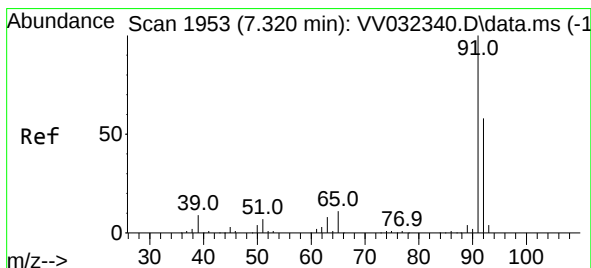
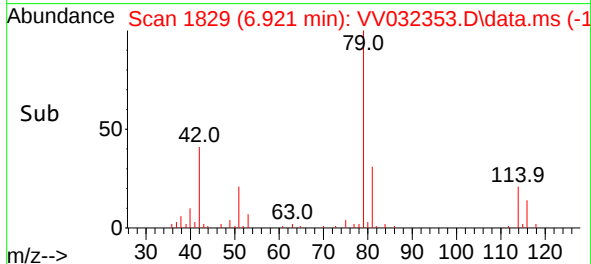
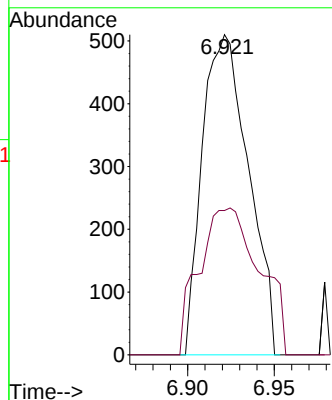
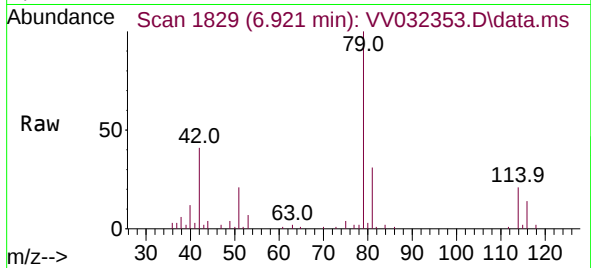
ClientSampleId :

Tgt Ion: 75 Resp: 947

Ion Ratio Lower Upper

75 100

77 45.1 22.2 41.2#



#42

Toluene

Concen: 0.830 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV032353.D

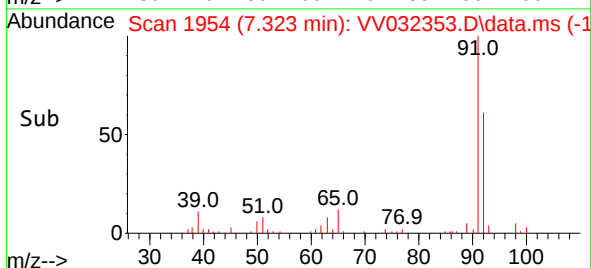
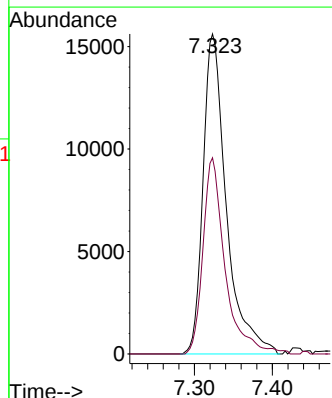
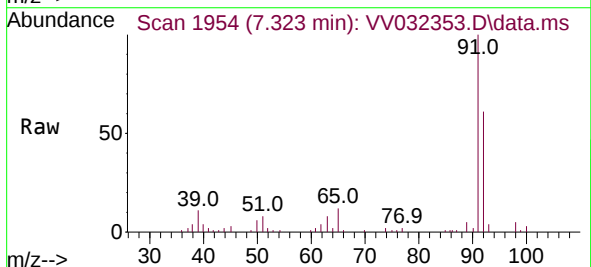
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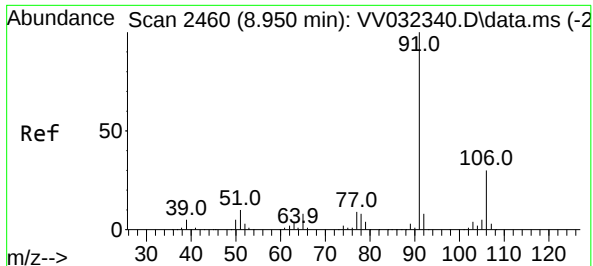
Tgt Ion: 91 Resp: 32367

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

Instrument :

MSVOA_V

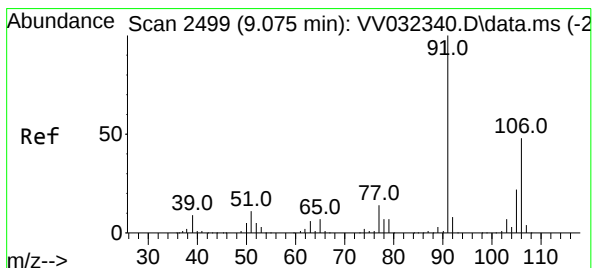
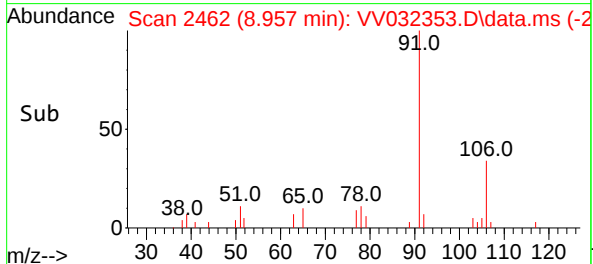
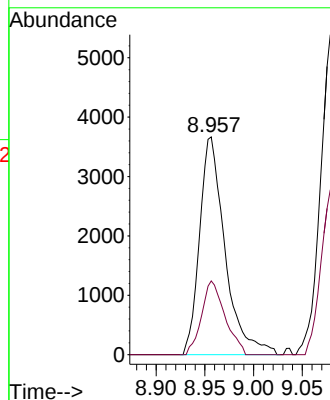
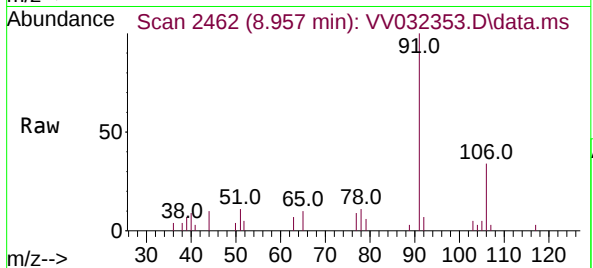
ClientSampleId :

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

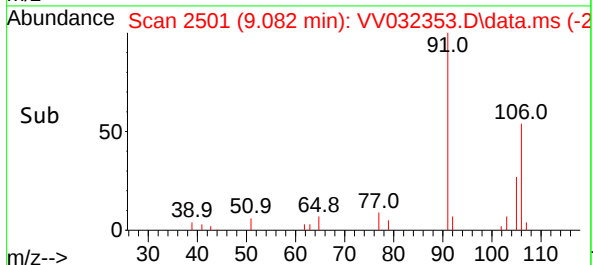
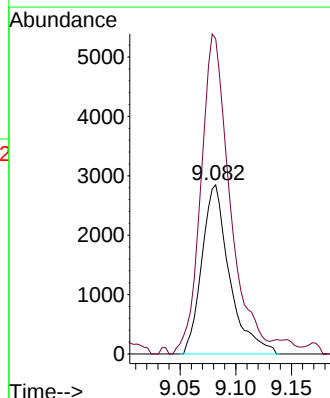
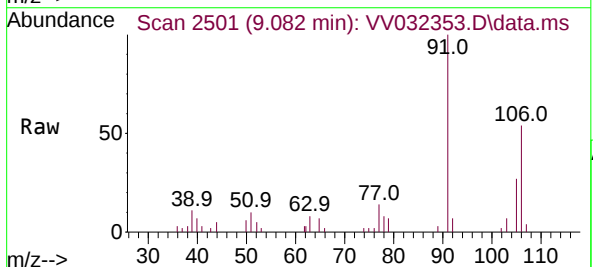
Acq: 10 Oct 2023 01:28

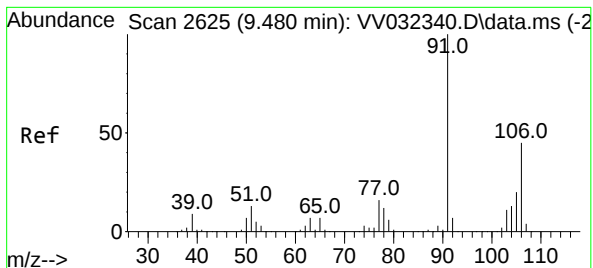
Tgt Ion: 106 Resp: 4921

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# 2

Delta R.T. 0.003 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

Instrument :

MSVOA_V

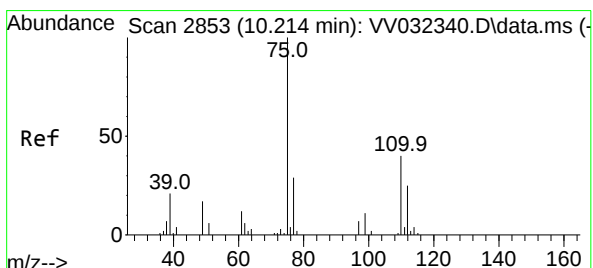
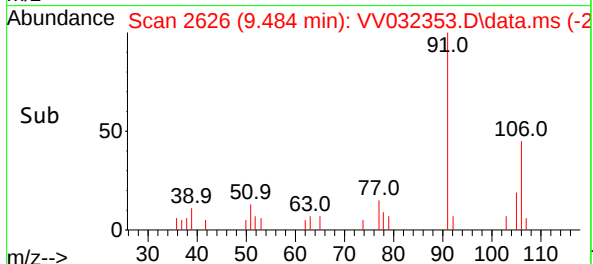
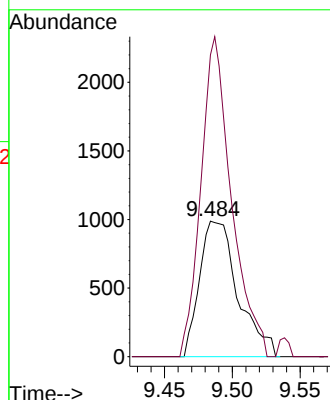
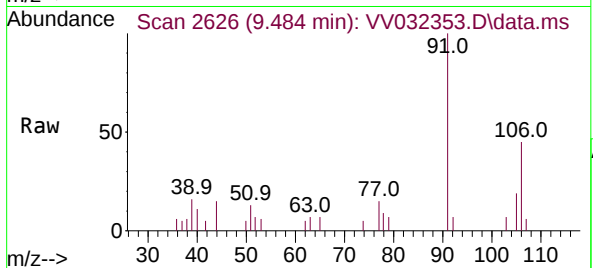
ClientSampleId :

Tgt Ion:106 Resp: 1952

Ion Ratio Lower Upper

106 100

91 222.7 154.8 287.4



#61

1,2,3-Trichloropropane

Concen: 1.166 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032353.D

Acq: 10 Oct 2023 01:28

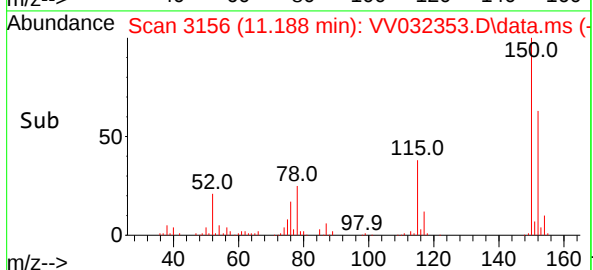
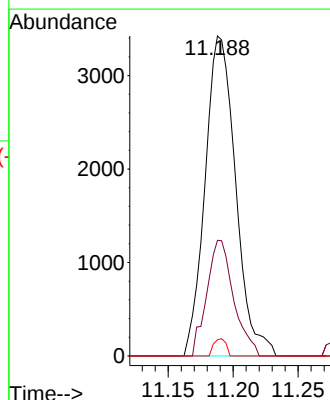
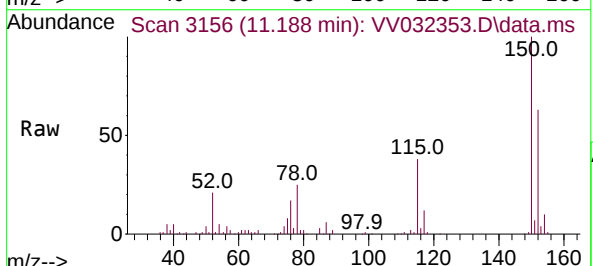
Tgt Ion: 75 Resp: 5598

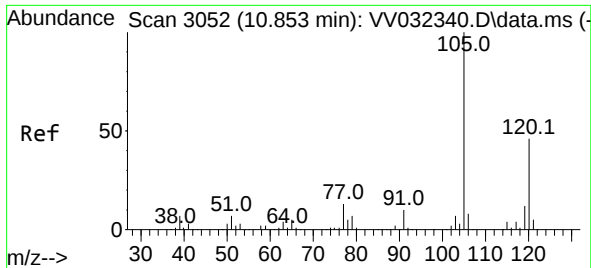
Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

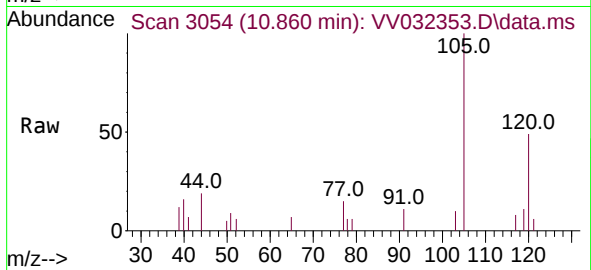
110 2.1 30.6 46.0#





#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

Instrument :
 MSVOA_V
 ClientSampleId :



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

