

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
 Data File : VV034033.D
 Acq On : 07 Feb 2024 16:06
 Operator : SY/MD
 Sample : P1383-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 08 04:50:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

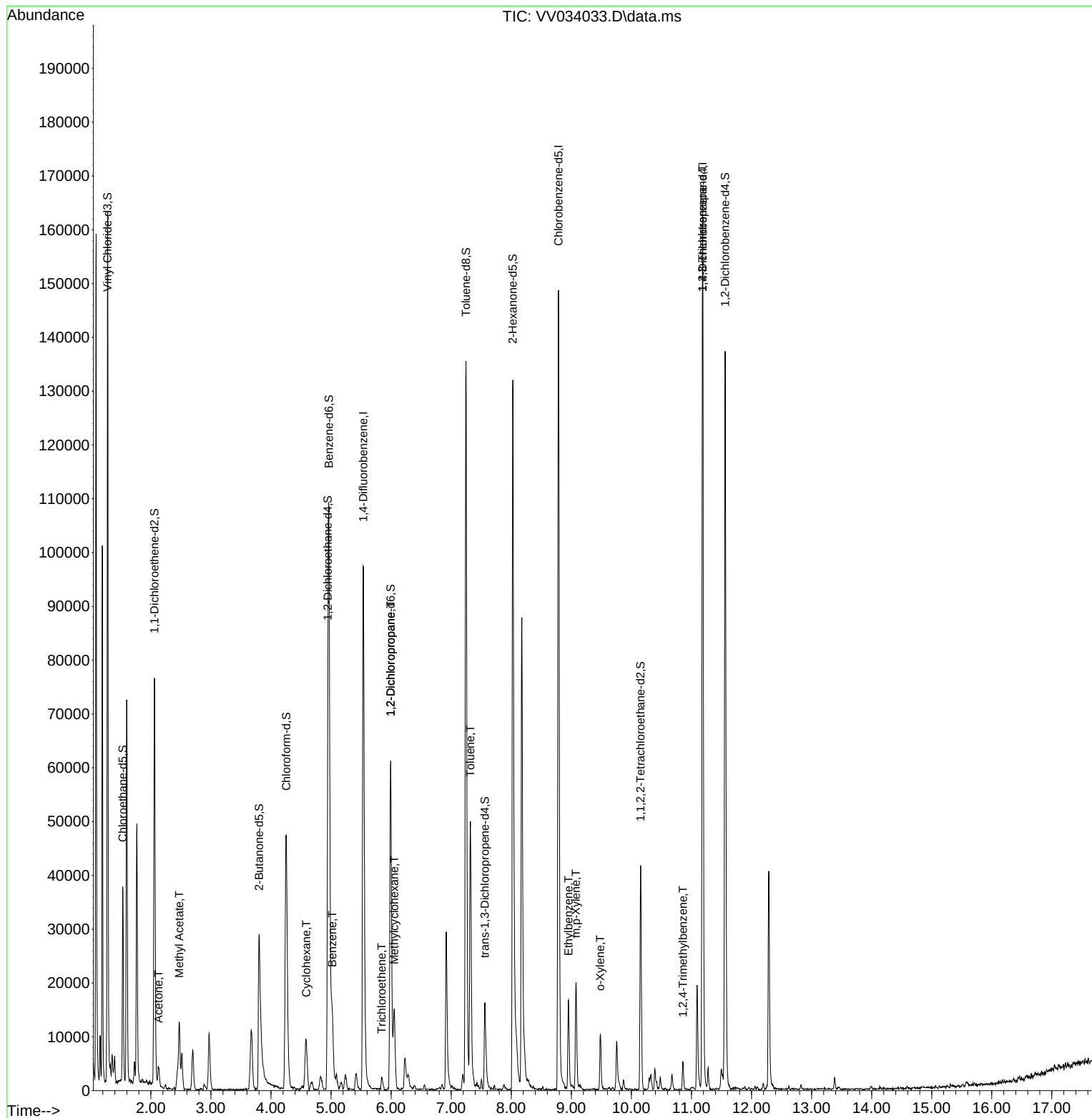
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	85912	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	79760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23082	3.469	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.532	69	22146	3.800	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.000%	
11) 1,1-Dichloroethene-d2	2.060	65	12195	3.800	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	3.802	46	54115	48.427	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.860%	
24) Chloroform-d	4.253	84	50445	4.172	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.400%	
26) 1,2-Dichloroethane-d4	4.947	65	26316	4.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	4.963	84	98140	4.101	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	5.992	67	29299	4.380	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.246	98	90775	4.127	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	7.561	79	10683	4.230	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.024	63	47435	52.608	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.220%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19370	4.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	33816	4.440	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						Qvalue
13) Acetone	2.127	43	4051	4.778	ug/L #	29
15) Methyl Acetate	2.471	43	8880	4.426	ug/L #	53
30) Cyclohexane	4.587	56	4946	0.475	ug/L #	64
33) Benzene	5.021	78	15074	0.630	ug/L	100
34) Trichloroethene	5.844	95	963	0.139	ug/L	87
35) Methylcyclohexane	6.053	83	5755	0.530	ug/L	93
37) 1,2-Dichloropropane	5.992	63	3622	0.625	ug/L #	87
42) Toluene	7.320	91	37220	1.456	ug/L	98
52) Ethylbenzene	8.953	91	12506	0.425	ug/L	96
53) m,p-Xylene	9.079	106	5678	0.511	ug/L	100
54) o-Xylene	9.481	106	2969	0.277	ug/L	87
61) 1,2,3-Trichloropropane	11.185	75	5168	1.795	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.857	105	3273	0.129	ug/L	100

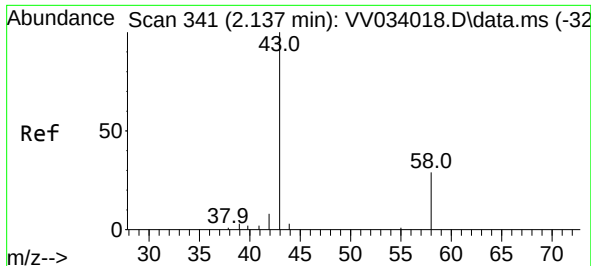
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.778 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.009 min

Lab File: VV034033.D

Acq: 07 Feb 2024 16:06

Instrument :

MSVOA_V

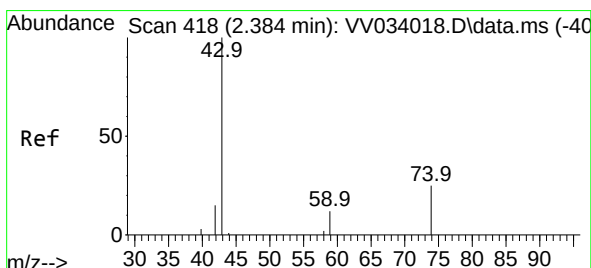
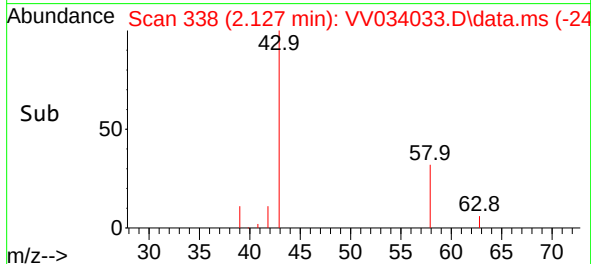
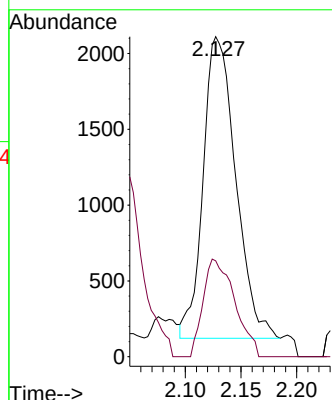
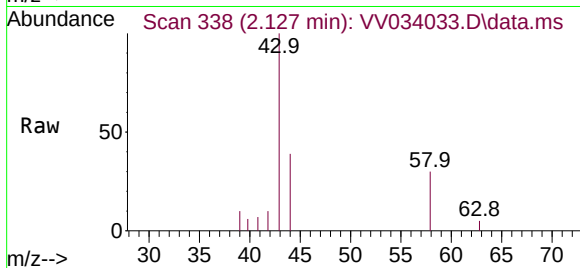
ClientSampleId :

Tgt Ion: 43 Resp: 4051

Ion Ratio Lower Upper

43 100

58 31.4 0.0 13.8#



#15

Methyl Acetate

Concen: 4.426 ug/L

RT: 2.471 min Scan# 445

Delta R.T. 0.087 min

Lab File: VV034033.D

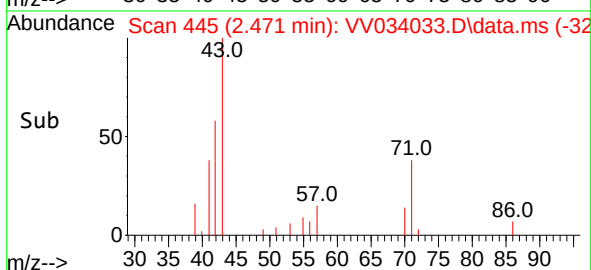
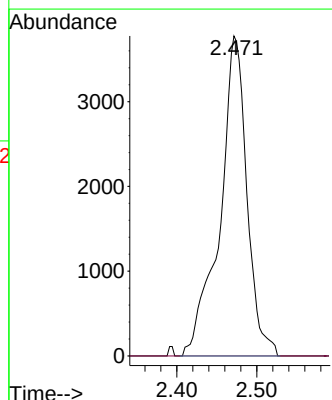
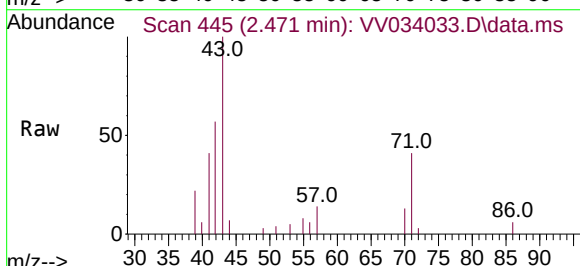
Acq: 07 Feb 2024 16:06

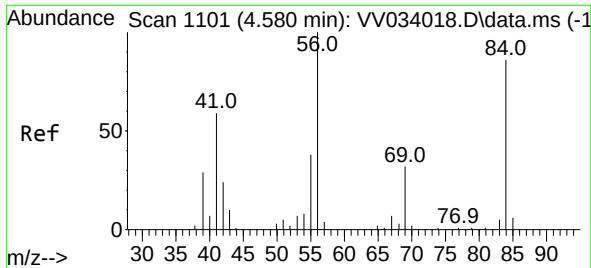
Tgt Ion: 43 Resp: 8880

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#

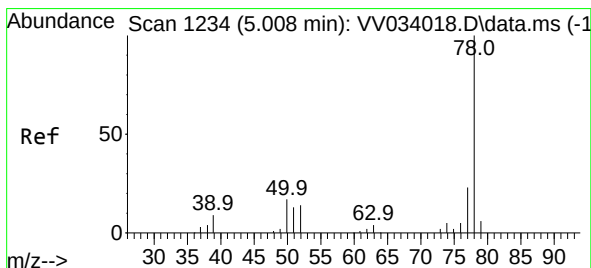
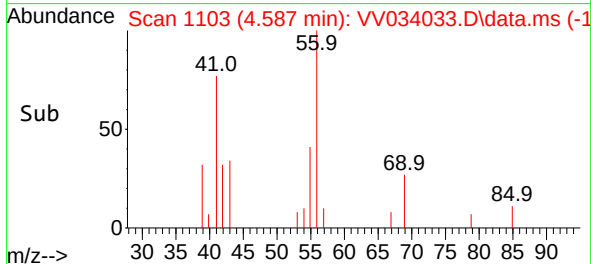
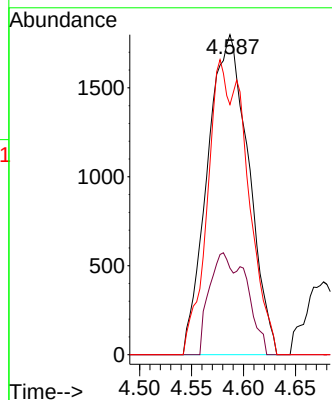
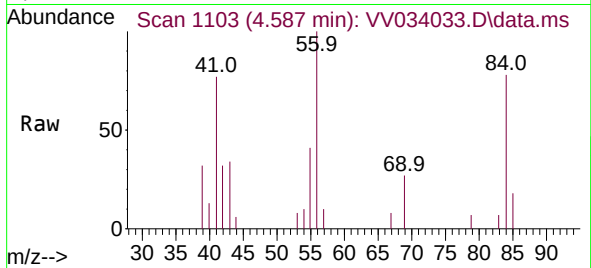




#30
Cyclohexane
Concen: 0.475 ug/L
RT: 4.587 min Scan# 1101
Delta R.T. 0.007 min
Lab File: VV034033.D
Acq: 07 Feb 2024 16:06

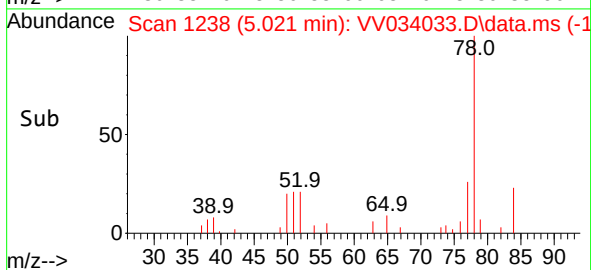
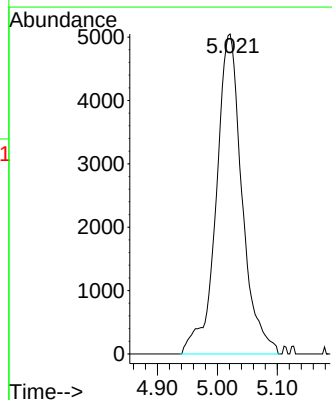
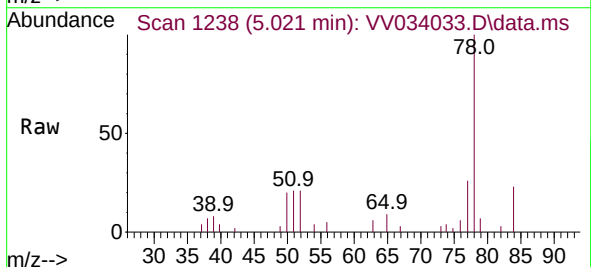
Instrument :
MSVOA_V
ClientSampleId :

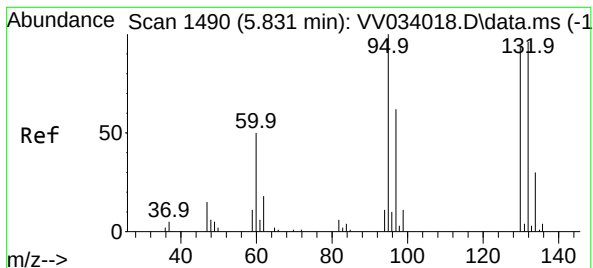
Tgt Ion: 56 Resp: 4946
Ion Ratio Lower Upper
56 100
69 17.7 24.2 36.2#
84 49.7 70.0 105.0#



#33
Benzene
Concen: 0.630 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.013 min
Lab File: VV034033.D
Acq: 07 Feb 2024 16:06

Tgt Ion: 78 Resp: 15074





#34

Trichloroethene

Concen: 0.139 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.013 min

Lab File: VV034033.D

Acq: 07 Feb 2024 16:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 963

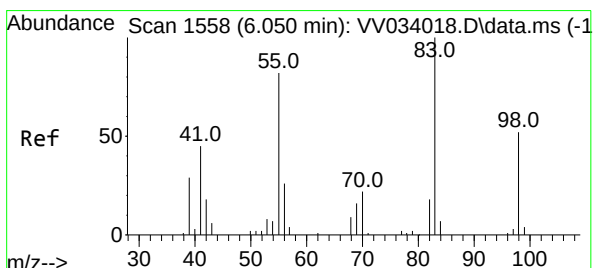
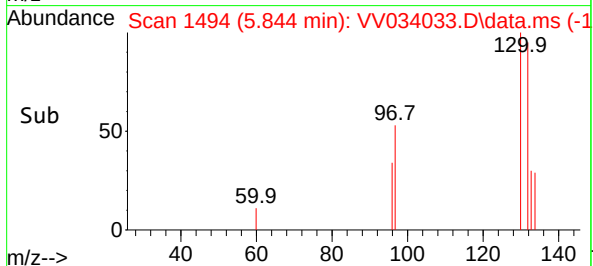
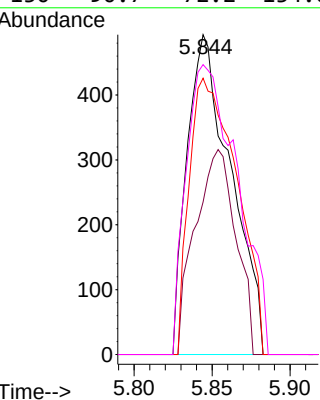
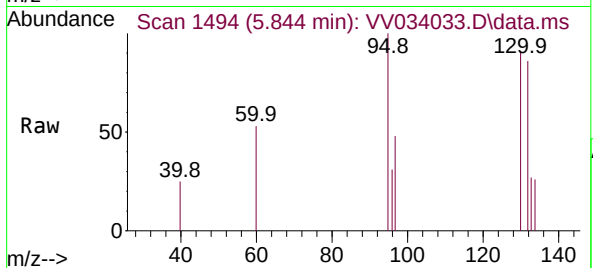
Ion Ratio Lower Upper

95 100

97 47.7 45.1 83.7

132 86.4 66.0 122.6

130 90.7 72.2 134.0



#35

Methylcyclohexane

Concen: 0.530 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV034033.D

Acq: 07 Feb 2024 16:06

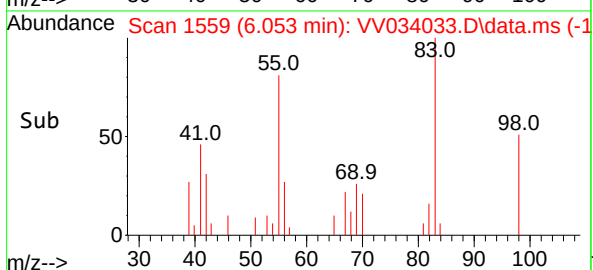
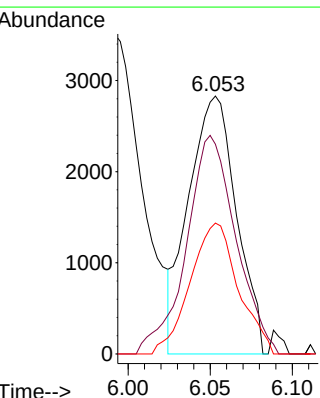
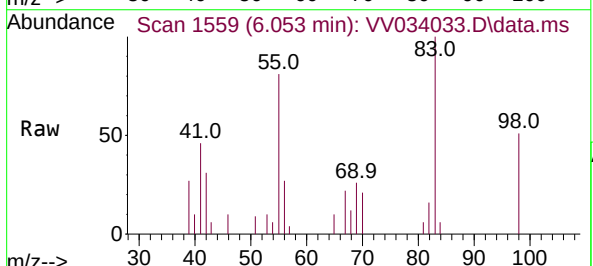
Tgt Ion: 83 Resp: 5755

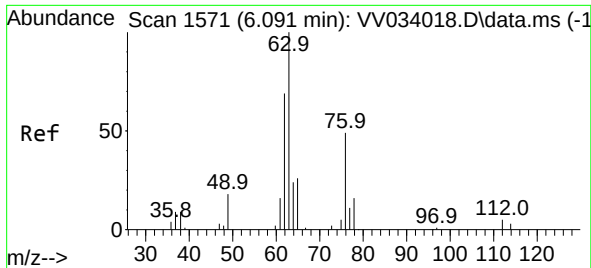
Ion Ratio Lower Upper

83 100

55 87.4 63.5 95.3

98 50.9 39.0 58.4

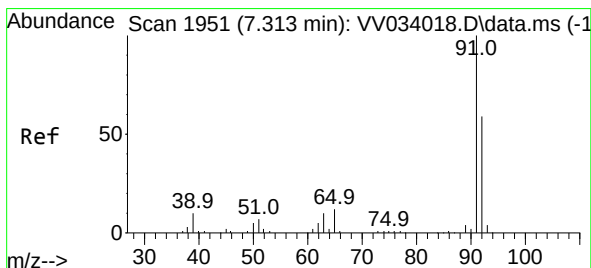
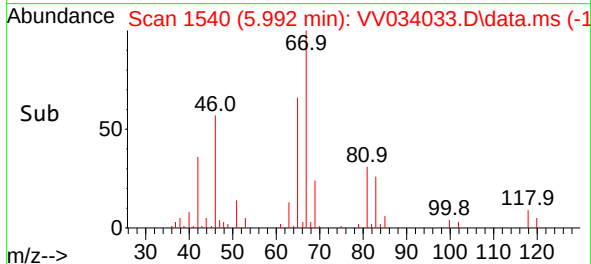
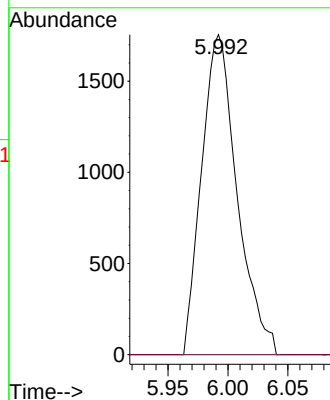
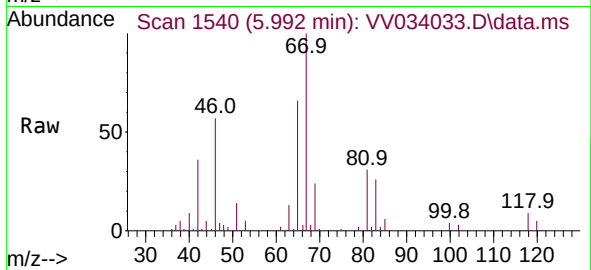




#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.099 min
Lab File: VV034033.D
Acq: 07 Feb 2024 16:06

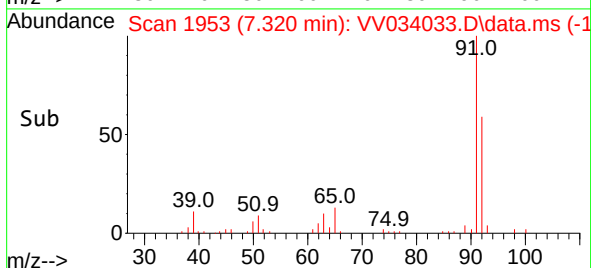
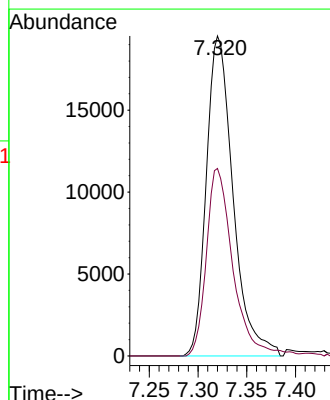
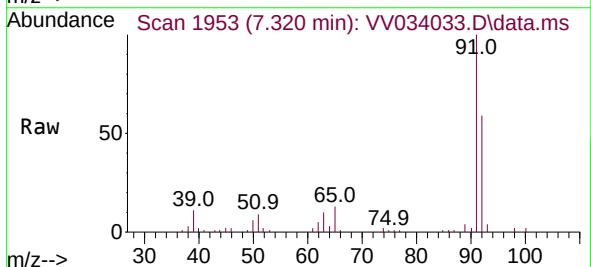
Instrument :
MSVOA_V
ClientSampleId :

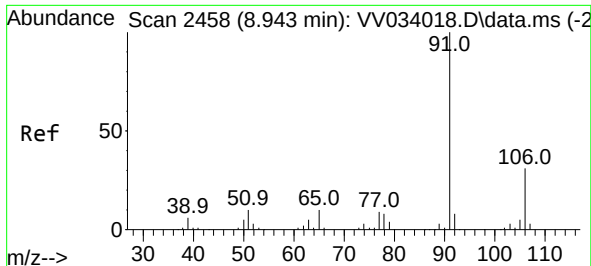
Tgt Ion: 63 Resp: 3622
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 1.456 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.007 min
Lab File: VV034033.D
Acq: 07 Feb 2024 16:06

Tgt Ion: 91 Resp: 37220
Ion Ratio Lower Upper
91 100
92 58.6 42.1 78.3

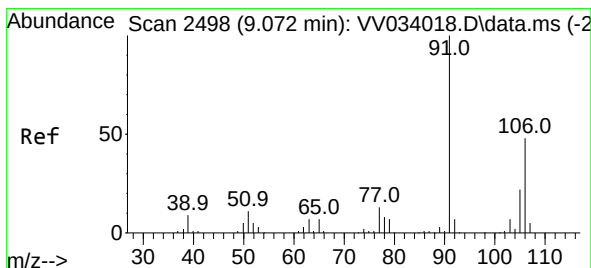
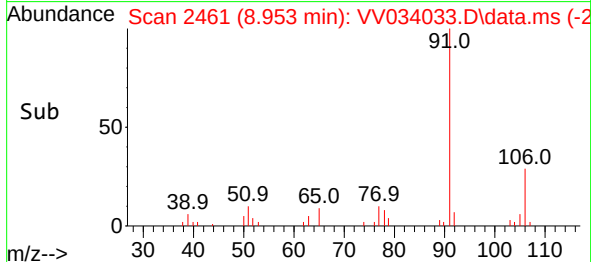
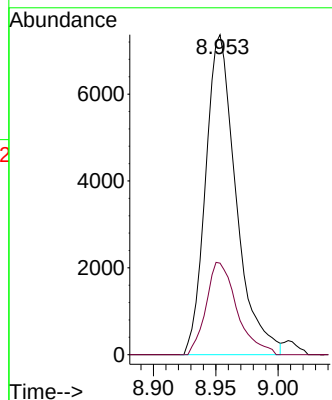
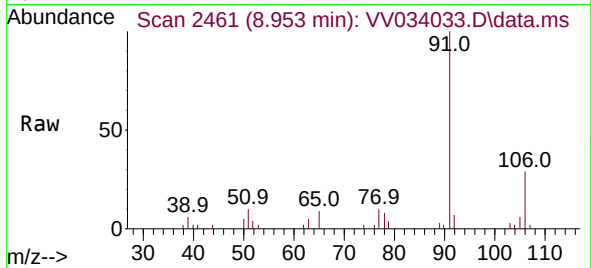




#52
Ethylbenzene
Concen: 0.425 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV034033.D
Acq: 07 Feb 2024 16:06

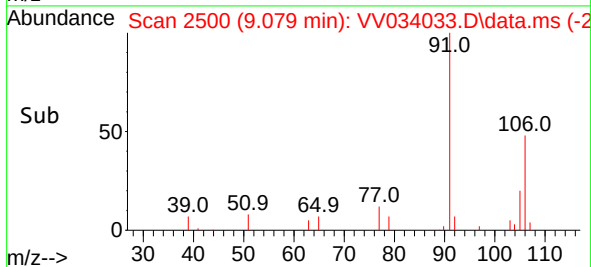
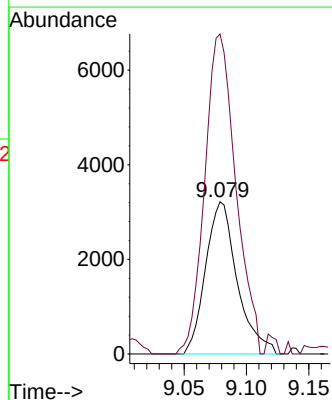
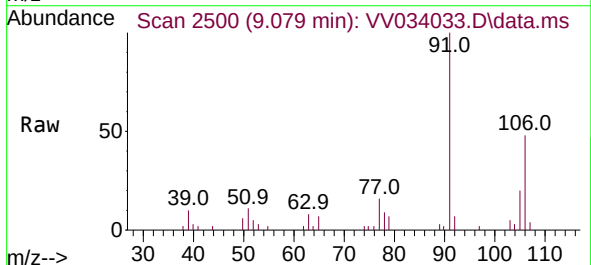
Instrument :
MSVOA_V
ClientSampleId :

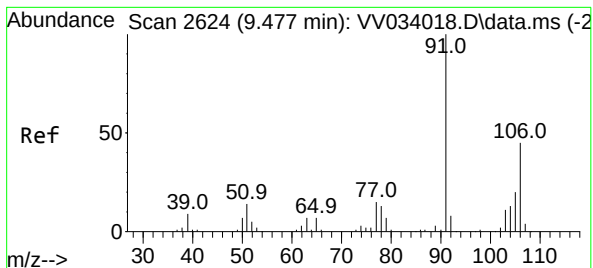
Tgt Ion: 91 Resp: 12506
Ion Ratio Lower Upper
91 100
106 28.6 21.4 39.8



#53
m,p-Xylene
Concen: 0.511 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.007 min
Lab File: VV034033.D
Acq: 07 Feb 2024 16:06

Tgt Ion: 106 Resp: 5678
Ion Ratio Lower Upper
106 100
91 210.4 147.5 273.9





#54

o-Xylene

Concen: 0.277 ug/L

RT: 9.481 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV034033.D

Acq: 07 Feb 2024 16:06

Instrument :

MSVOA_V

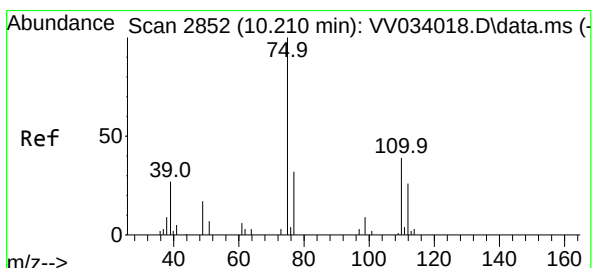
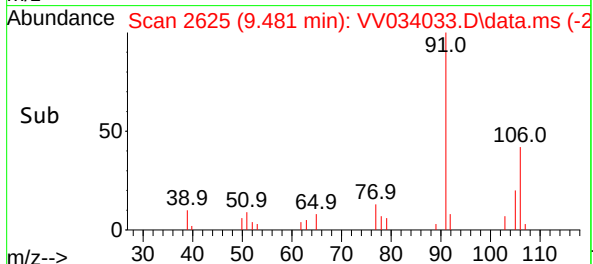
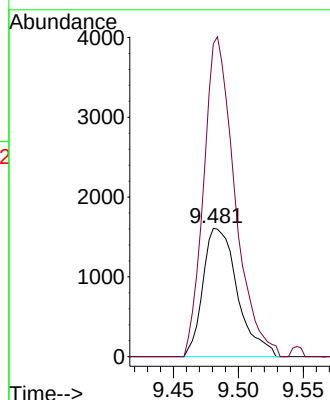
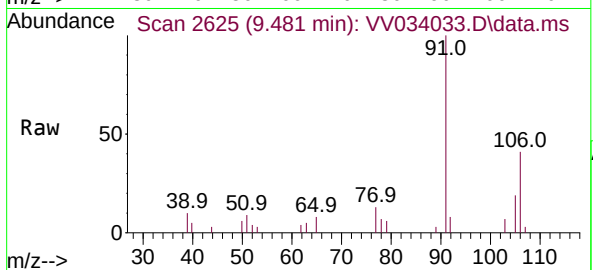
ClientSampleId :

Tgt Ion:106 Resp: 2969

Ion Ratio Lower Upper

106 100

91 243.8 156.2 290.0



#61

1,2,3-Trichloropropane

Concen: 1.795 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.975 min

Lab File: VV034033.D

Acq: 07 Feb 2024 16:06

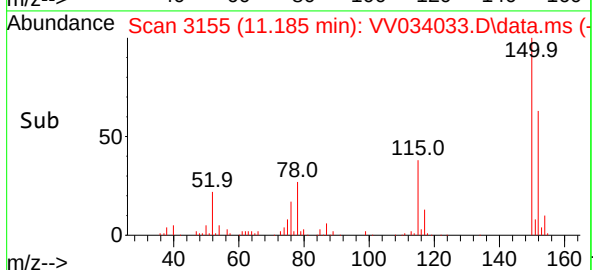
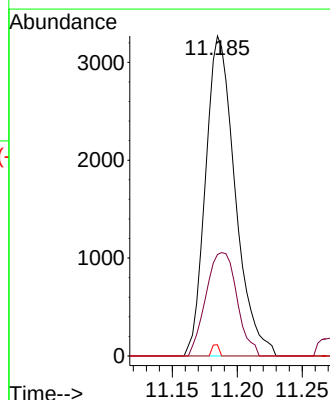
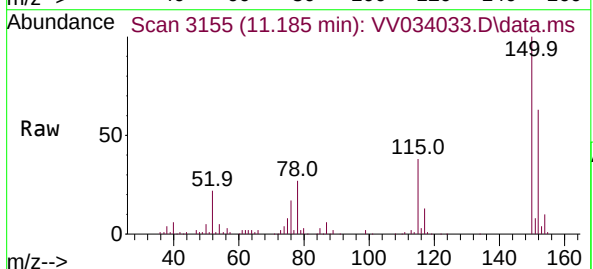
Tgt Ion: 75 Resp: 5168

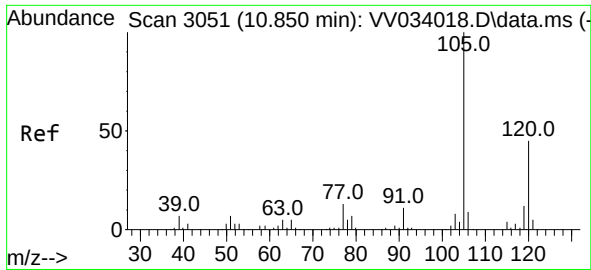
Ion Ratio Lower Upper

75 100

77 34.0 26.9 40.3

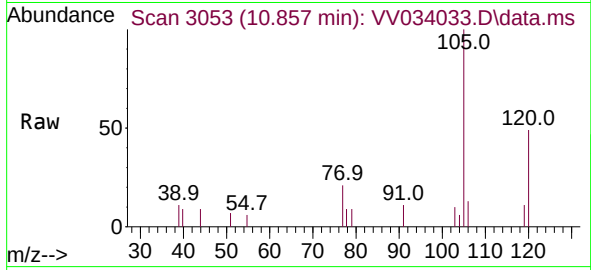
110 0.9 33.3 49.9#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.129 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.007 min
 Lab File: VV034033.D
 Acq: 07 Feb 2024 16:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 3273
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.2 54.2

