

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032256.D
 Acq On : 05 Oct 2023 15:20
 Operator : SY/MD
 Sample : 04748-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 01:29:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 01:20:04 2023
 Response via : Initial Calibration

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

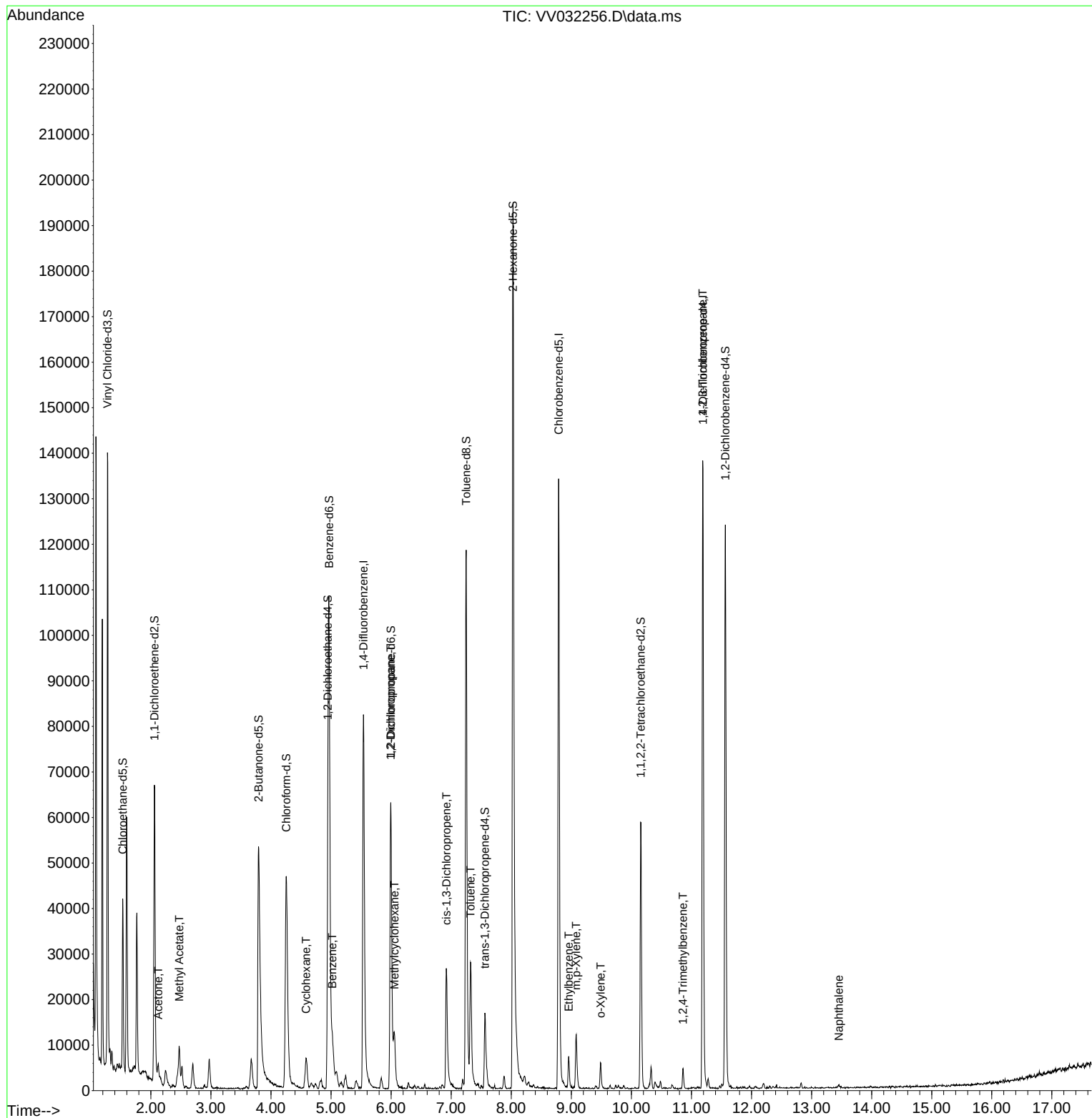
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	77263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	75265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	36405	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25949	4.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.532	69	23910	4.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.060	65	10787	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.793	46	92172	57.985	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.980%
24) Chloroform-d	4.256	84	49805	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.947	65	27228	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.966	84	96954	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.995	67	34533	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.249	98	80238	3.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.561	79	11282	4.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.027	63	72562	59.313	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.620%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28942	5.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	32280	4.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
13) Acetone	2.124	43	2638	2.153	ug/L	94
15) Methyl Acetate	2.471	43	7115	2.580	ug/L #	53
30) Cyclohexane	4.584	56	3188	0.284	ug/L	97
33) Benzene	5.021	78	9778	0.369	ug/L	100
35) Methylcyclohexane	6.056	83	4521	0.404	ug/L	92
37) 1,2-Dichloropropane	5.992	63	3690	0.521	ug/L #	87
39) cis-1,3-Dichloropropene	6.921	75	763	0.076	ug/L #	56
42) Toluene	7.323	91	21506	0.761	ug/L	99
52) Ethylbenzene	8.957	91	5058	0.161	ug/L	92
53) m,p-Xylene	9.082	106	3864	0.331	ug/L	80
54) o-Xylene	9.487	106	1596	0.142	ug/L	86
61) 1,2,3-Trichloropropane	11.188	75	4748	1.225	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.860	105	2663	0.116	ug/L	99
71) Naphthalene	13.455	128	1004	0.067	ug/L #	72

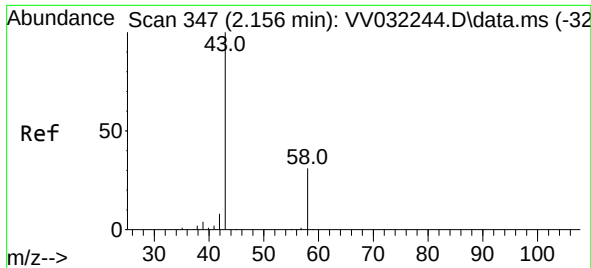
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.153 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.032 min

Lab File: VV032256.D

Acq: 05 Oct 2023 15:20

Instrument :

MSVOA_V

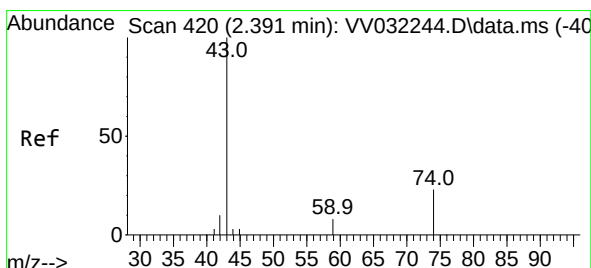
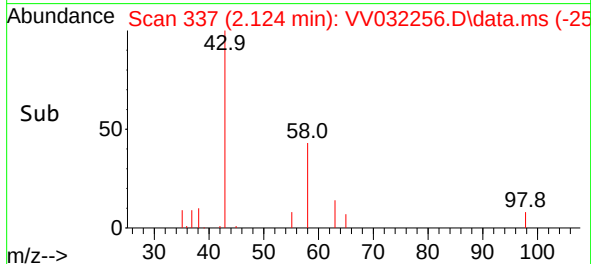
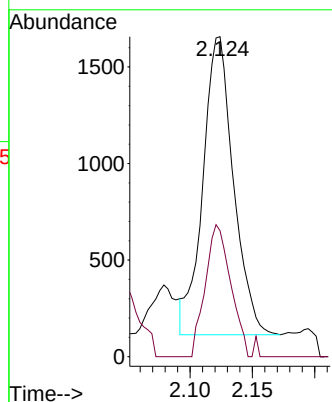
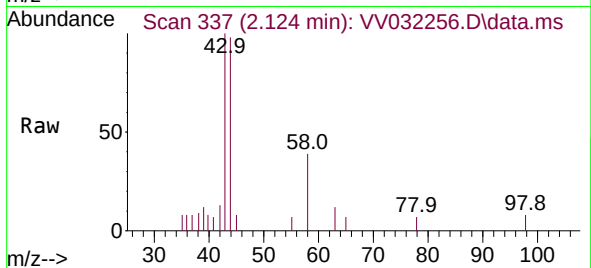
ClientSampleId :

Tgt Ion: 43 Resp: 2638

Ion Ratio Lower Upper

43 100

58 36.7 0.0 66.0



#15

Methyl Acetate

Concen: 2.580 ug/L

RT: 2.471 min Scan# 445

Delta R.T. 0.081 min

Lab File: VV032256.D

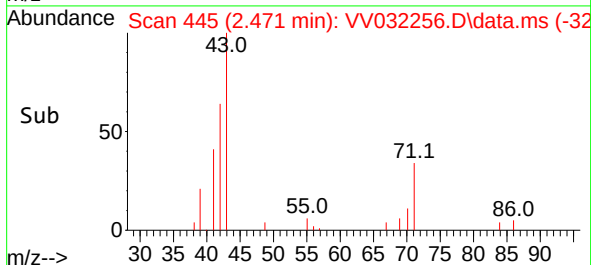
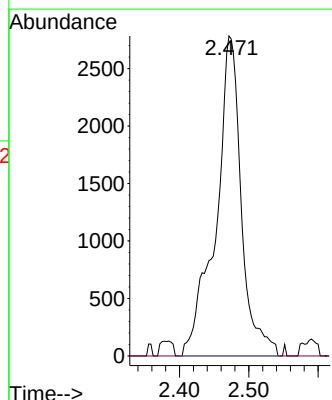
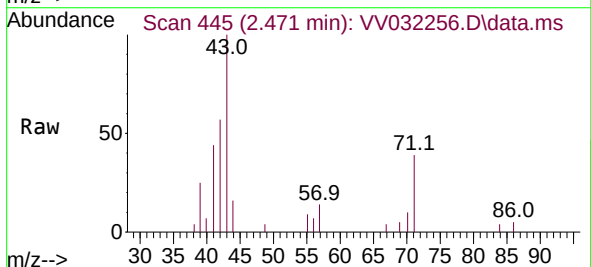
Acq: 05 Oct 2023 15:20

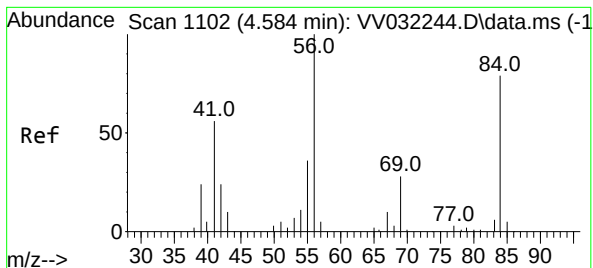
Tgt Ion: 43 Resp: 7115

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#





#30

Cyclohexane

Concen: 0.284 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032256.D

Acq: 05 Oct 2023 15:20

Instrument :

MSVOA_V

ClientSampleId :

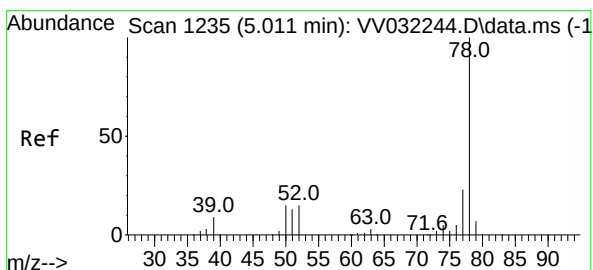
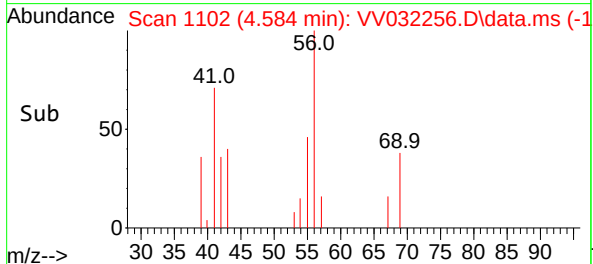
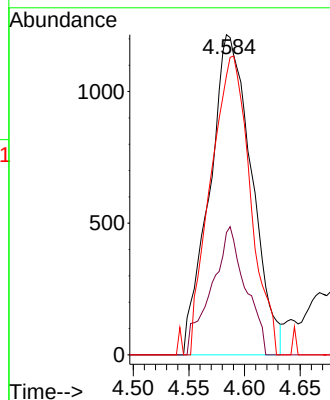
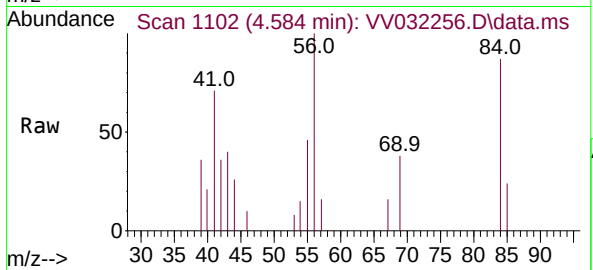
Tgt Ion: 56 Resp: 3188

Ion Ratio Lower Upper

56 100

69 32.6 24.2 36.2

84 87.8 68.1 102.1



#33

Benzene

Concen: 0.369 ug/L

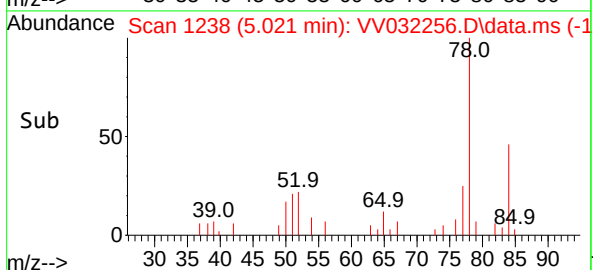
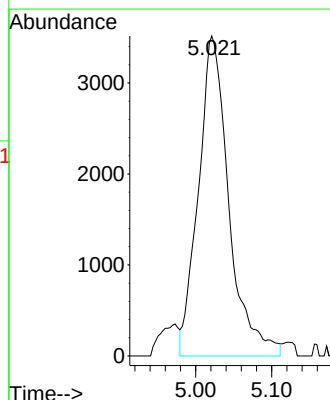
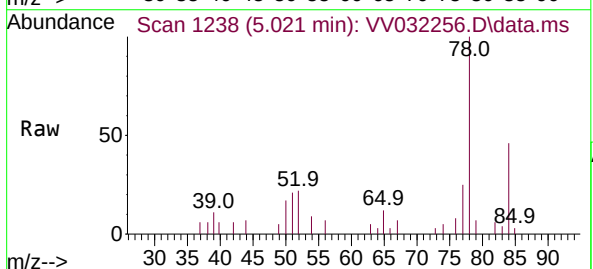
RT: 5.021 min Scan# 1238

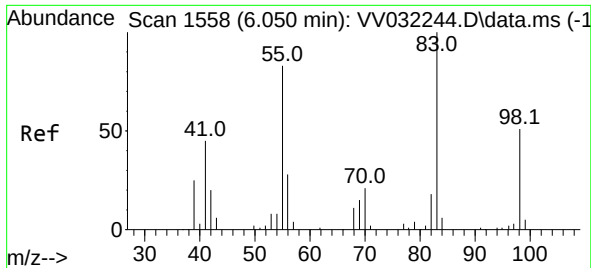
Delta R.T. 0.010 min

Lab File: VV032256.D

Acq: 05 Oct 2023 15:20

Tgt Ion: 78 Resp: 9778

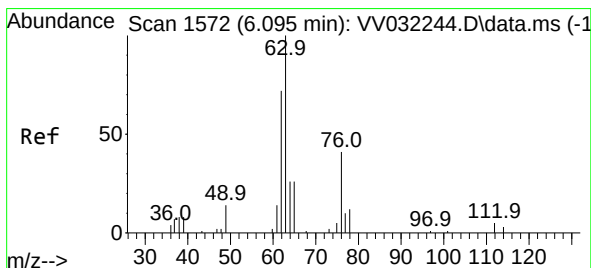
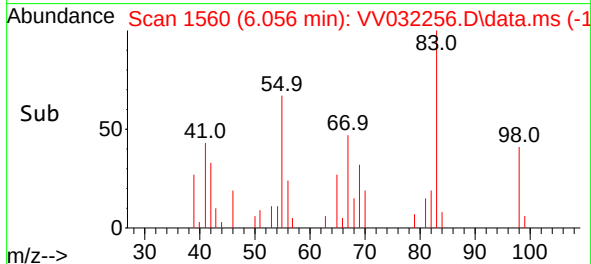
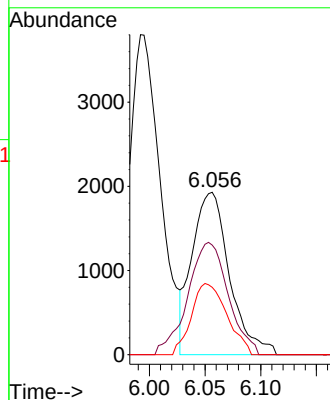
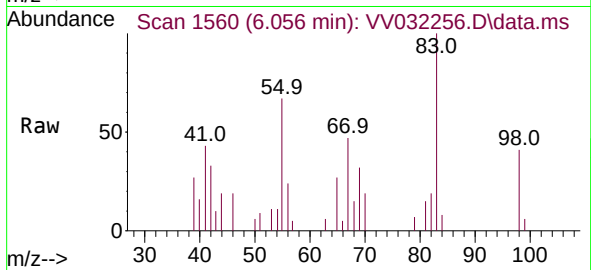




#35
Methylcyclohexane
Concen: 0.404 ug/L
RT: 6.056 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

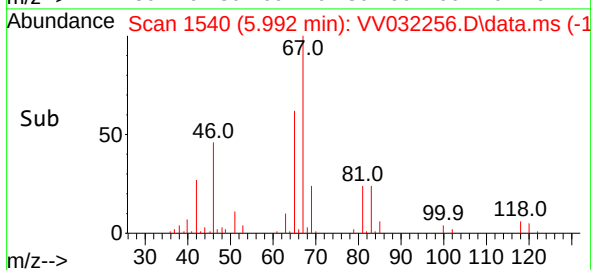
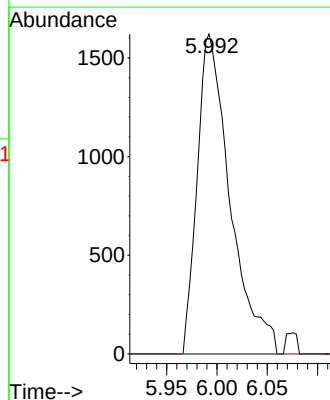
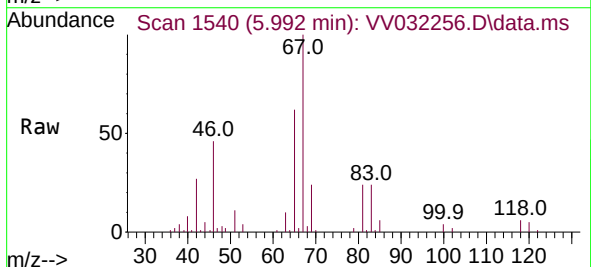
Instrument :
MSVOA_V
ClientSampleId :

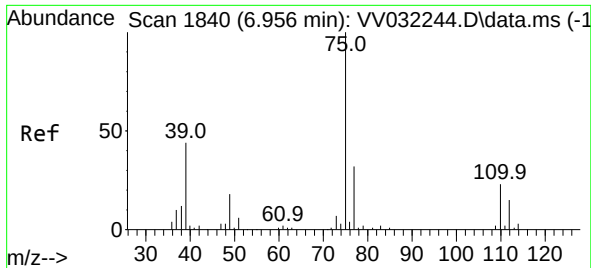
Tgt Ion: 83 Resp: 4521
Ion Ratio Lower Upper
83 100
55 74.5 64.2 96.2
98 41.4 39.6 59.4



#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Tgt Ion: 63 Resp: 3690
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.035 min

Lab File: VV032256.D

Acq: 05 Oct 2023 15:20

Instrument :

MSVOA_V

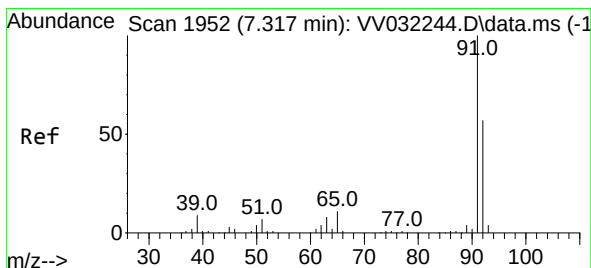
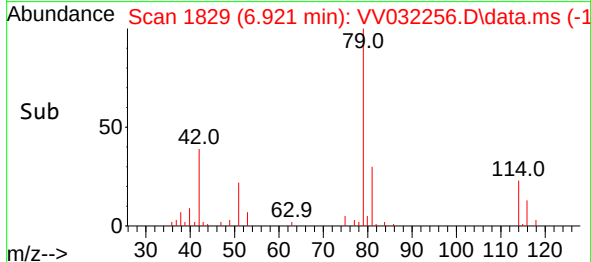
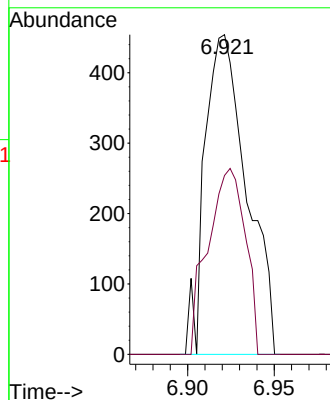
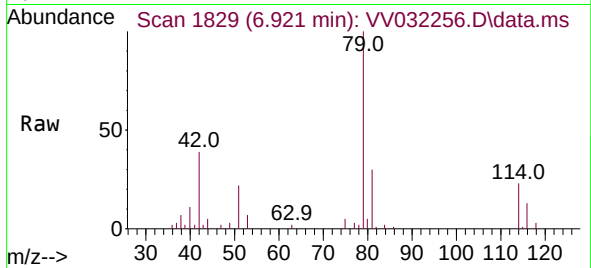
ClientSampleId :

Tgt Ion: 75 Resp: 763

Ion Ratio Lower Upper

75 100

77 55.9 22.2 41.2#



#42

Toluene

Concen: 0.761 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV032256.D

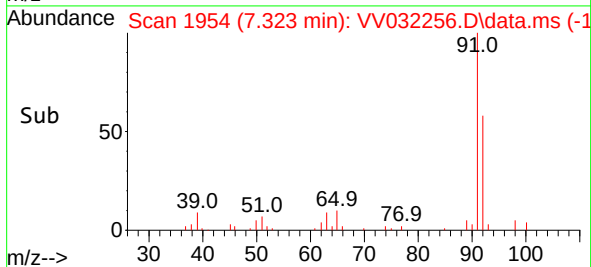
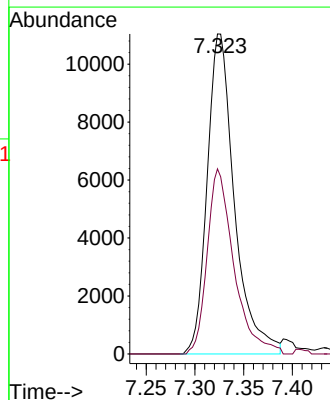
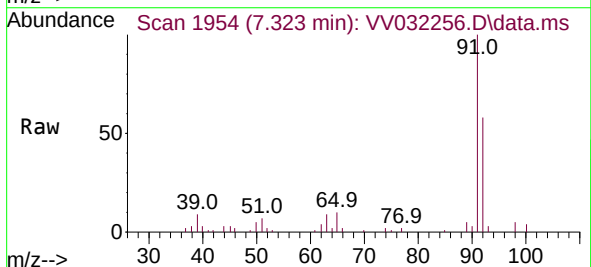
Acq: 05 Oct 2023 15:20

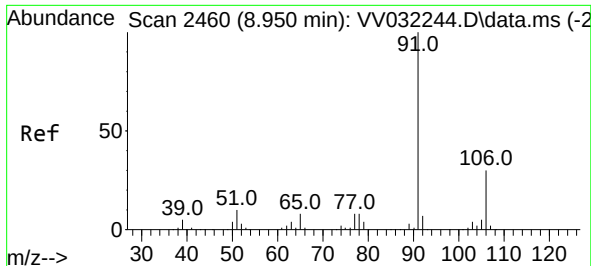
Tgt Ion: 91 Resp: 21506

Ion Ratio Lower Upper

91 100

92 57.8 40.8 75.8





#52

Ethylbenzene

Concen: 0.161 ug/L

RT: 8.957 min Scan# 2460

Delta R.T. 0.007 min

Lab File: VV032256.D

Acq: 05 Oct 2023 15:20

Instrument :

MSVOA_V

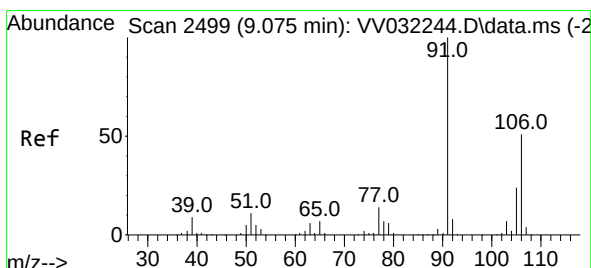
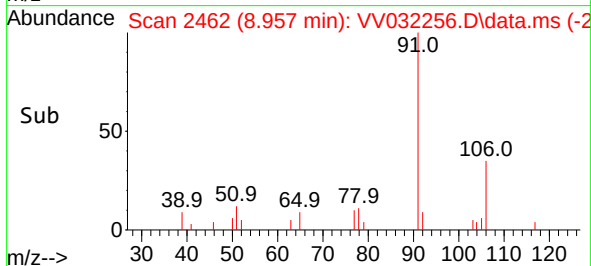
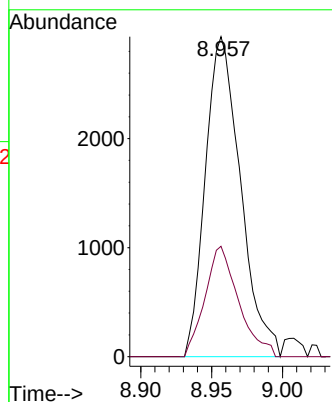
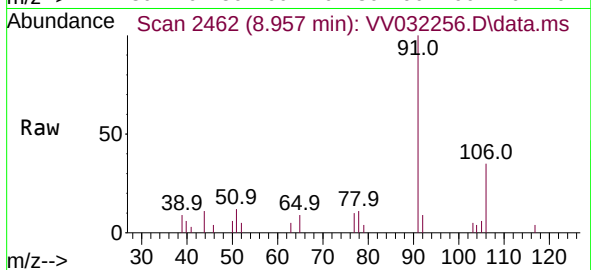
ClientSampleId :

Tgt Ion: 91 Resp: 5058

Ion Ratio Lower Upper

91 100

106 34.5 21.3 39.5



#53

m,p-Xylene

Concen: 0.331 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.007 min

Lab File: VV032256.D

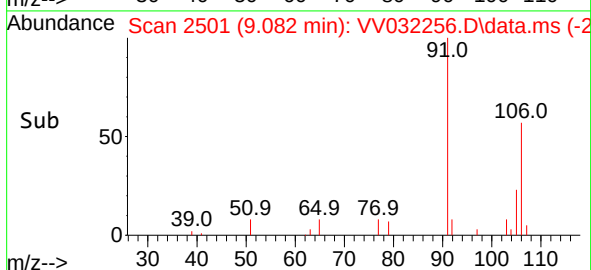
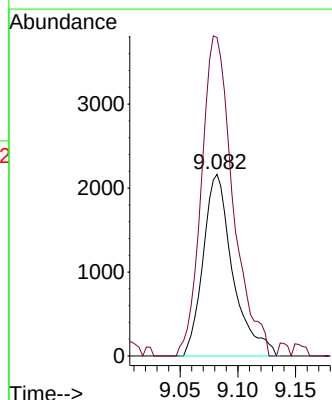
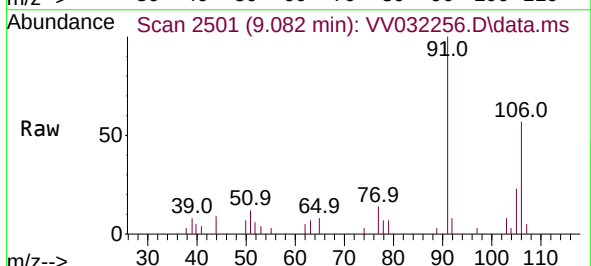
Acq: 05 Oct 2023 15:20

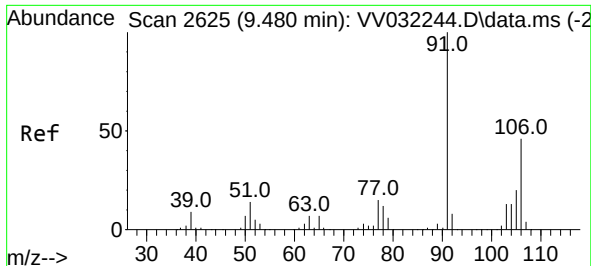
Tgt Ion: 106 Resp: 3864

Ion Ratio Lower Upper

106 100

91 175.3 144.5 268.3

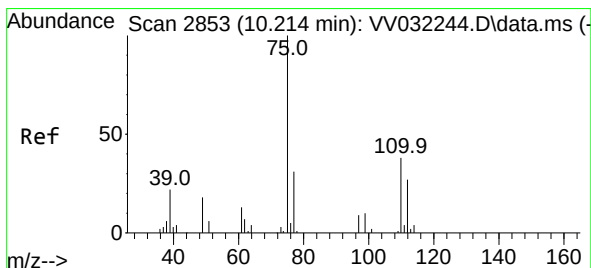
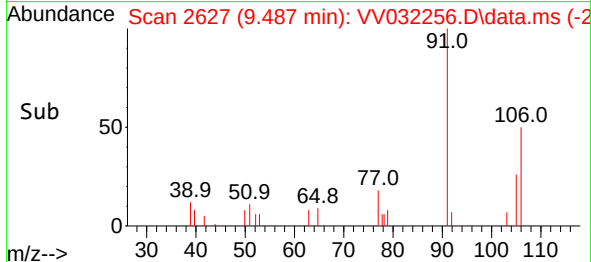
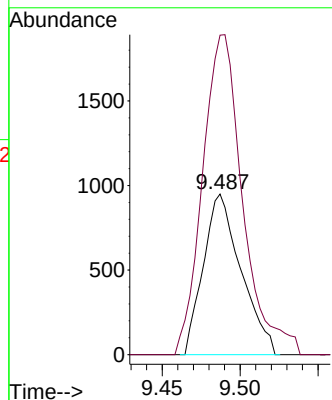
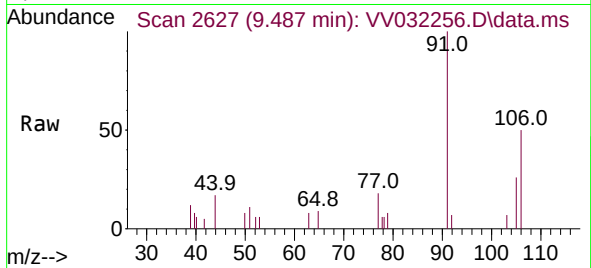




#54
o-Xylene
Concen: 0.142 ug/L
RT: 9.487 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

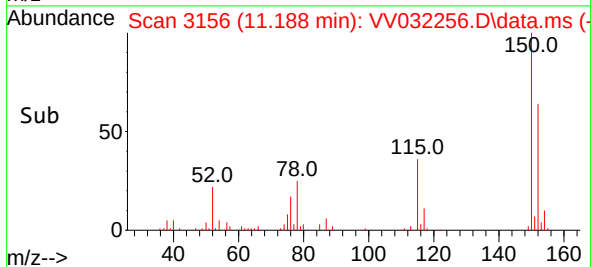
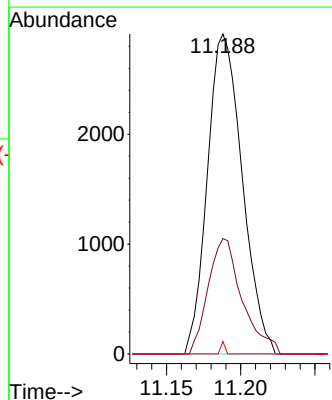
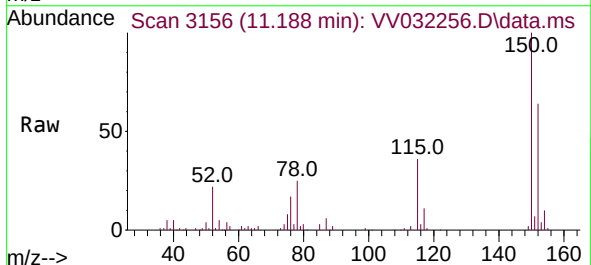
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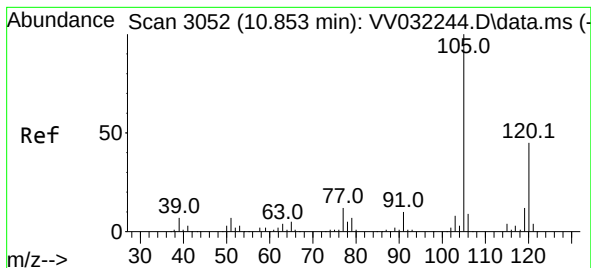
Tgt Ion:106 Resp: 1596
Ion Ratio Lower Upper
106 100
91 198.8 154.8 287.4



#61
1,2,3-Trichloropropane
Concen: 1.225 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032256.D
Acq: 05 Oct 2023 15:20

Tgt Ion: 75 Resp: 4748
Ion Ratio Lower Upper
75 100
77 35.2 26.2 39.2
110 0.5 30.6 46.0#





#63

1,2,4-Trimethylbenzene

Concen: 0.116 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.007 min

Lab File: VV032256.D

Acq: 05 Oct 2023 15:20

Instrument :

MSVOA_V

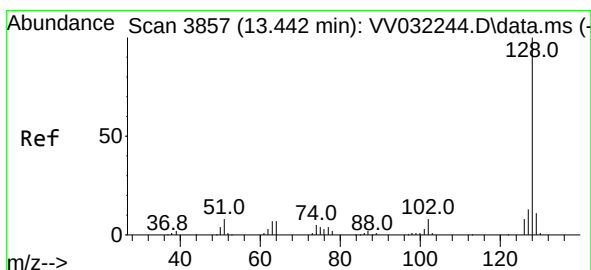
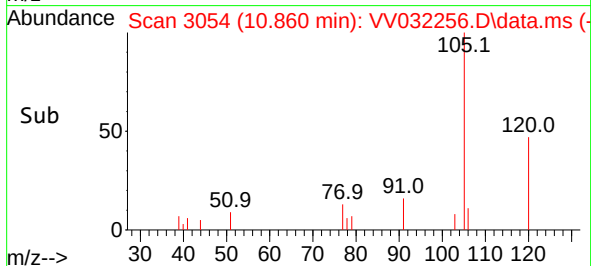
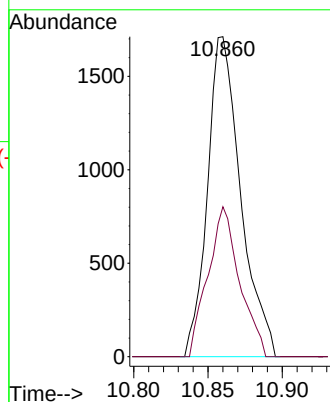
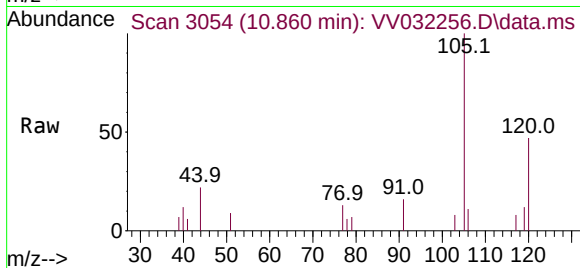
ClientSampleId :

Tgt Ion:105 Resp: 2663

Ion Ratio Lower Upper

105 100

120 44.6 36.2 54.4



#71

Naphthalene

Concen: 0.067 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.013 min

Lab File: VV032256.D

Acq: 05 Oct 2023 15:20

Tgt Ion:128 Resp: 1004

Ion Ratio Lower Upper

128 100

129 2.0 9.0 13.4#

127 0.0 10.2 15.2#

