

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032998.D
 Acq On : 17 Nov 2023 09:47
 Operator : SY/MD
 Sample : 05333-23
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 22:39:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:51:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	214282	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	227738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	108569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	96464	5.289	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.532	69	70329	4.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.060	65	36401	4.527	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.790	46	136500	56.174	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.340%
24) Chloroform-d	4.253	84	159221	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	4.947	65	68852	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	4.963	84	310658	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	5.989	67	94236	5.545	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.246	98	256763	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.558	79	30356	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.024	63	113723	50.204	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.400%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	64295	5.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	107891	5.711	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
13) Acetone	2.114	43	5186	2.298	ug/L	94
27) 1,2-Dichloroethane	5.011	62	3032	0.170	ug/L #	73
33) Benzene	5.011	78	375103	5.580	ug/L	100
35) Methylcyclohexane	5.989	83	24158	0.986	ug/L #	21
37) 1,2-Dichloropropane	5.989	63	10425	0.624	ug/L #	86
42) Toluene	7.323	91	39170	0.536	ug/L	97
48) 2-Hexanone	8.024	43	14499	2.978	ug/L #	66
52) Ethylbenzene	8.950	91	94010	1.237	ug/L	99
53) m,p-Xylene	9.079	106	14227	0.484	ug/L	83
54) o-Xylene	9.481	106	15655	0.558	ug/L	84
55) Styrene	9.510	104	5525	0.114	ug/L	84
57) 1,1,2,2-Tetrachloroethane	10.182	83	5026	0.375	ug/L #	38
60) Isopropylbenzene	9.870	105	10527	0.157	ug/L	98
62) 1,3,5-Trimethylbenzene	10.857	105	8281	0.157	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	8281	0.156	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.352	75	3302	1.737	ug/L #	1
71) Naphthalene	13.442	128	79143	2.644	ug/L #	85

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111723\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 17 00:51:54 2023
Response via : Initial Calibration

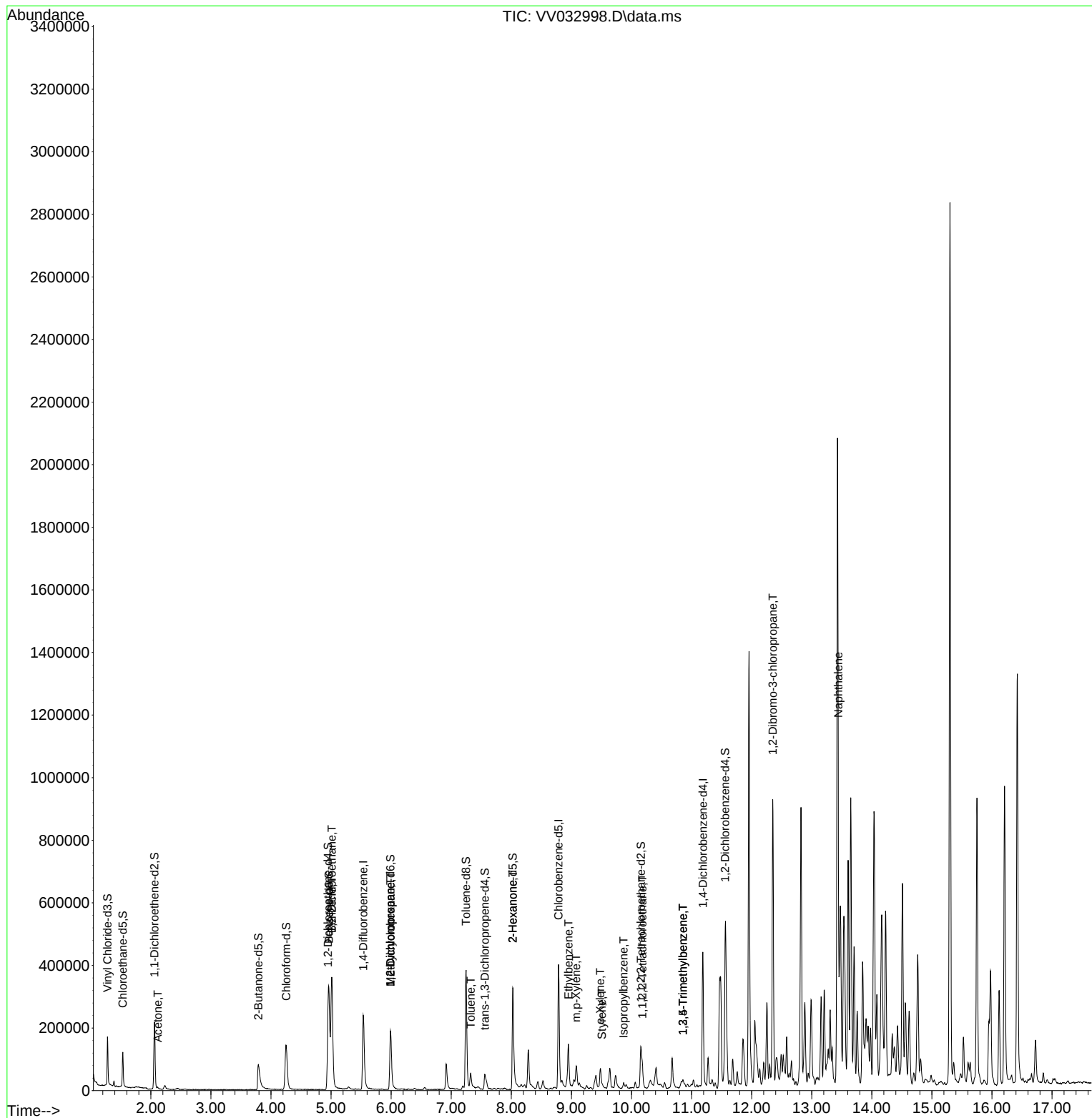
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

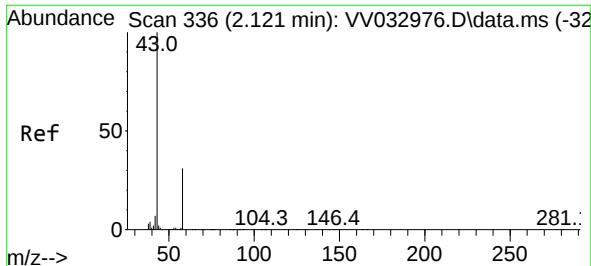
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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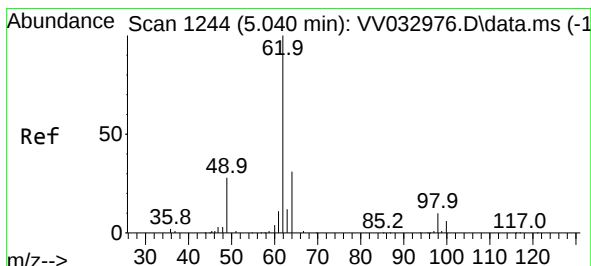
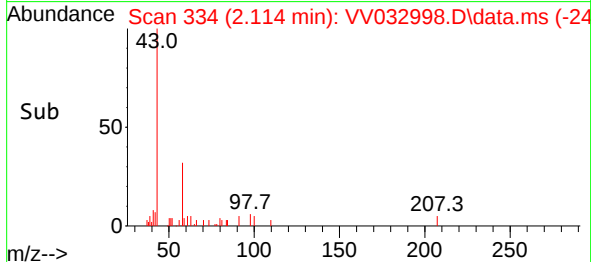
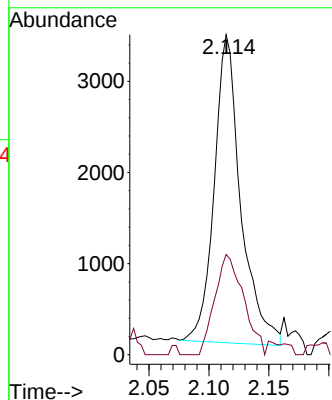
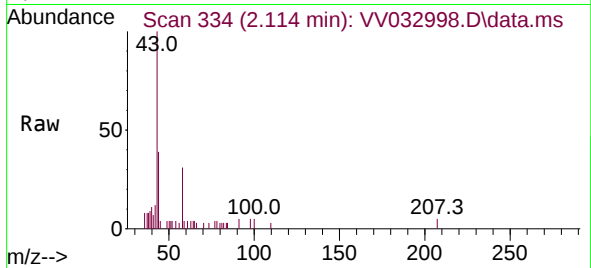




#13
Acetone
Concen: 2.298 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

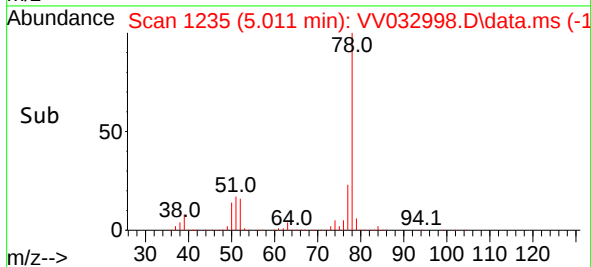
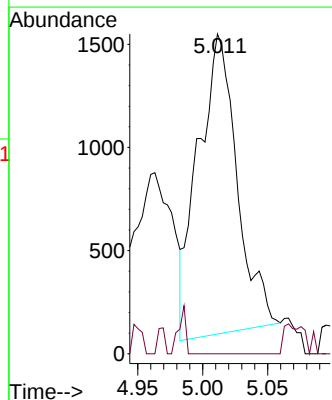
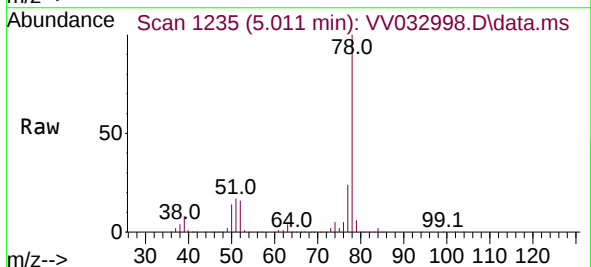
Instrument :
MSVOA_V
ClientSampleId :

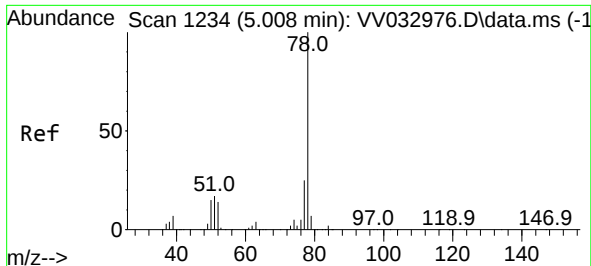
Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
58 35.1 0.0 63.6



#27
1,2-Dichloroethane
Concen: 0.170 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.029 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

Tgt Ion: 62 Resp: 3032
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#

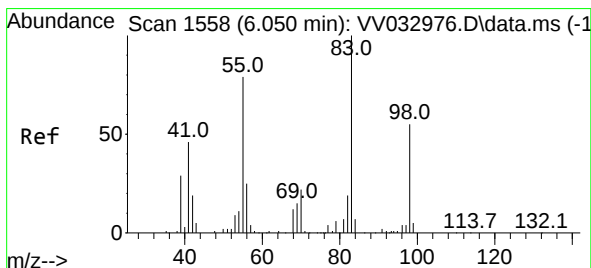
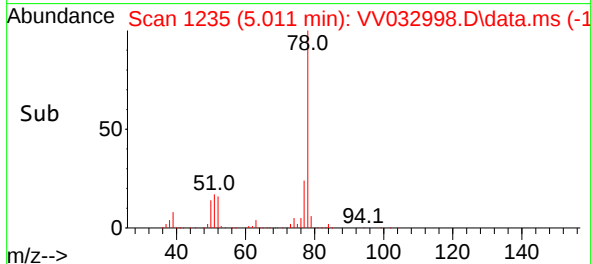
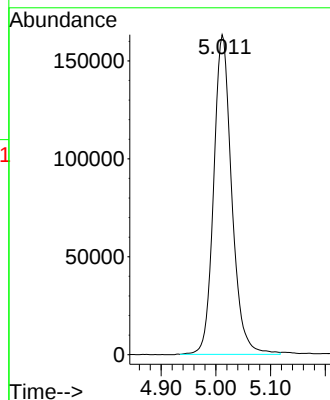
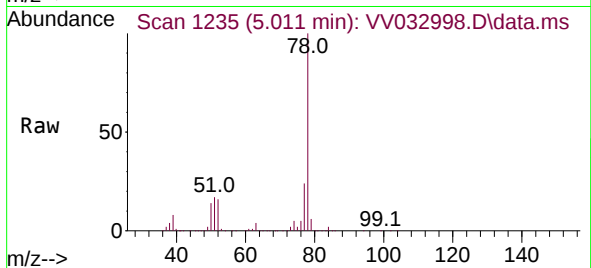




#33
Benzene
Concen: 5.580 ug/L
RT: 5.011 min Scan# 1539
Delta R.T. 0.003 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

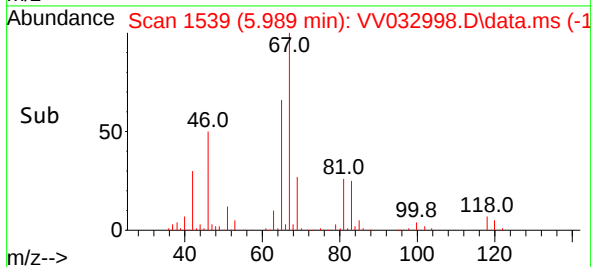
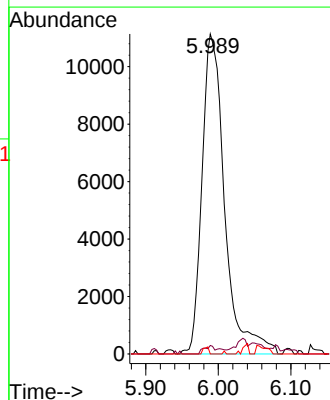
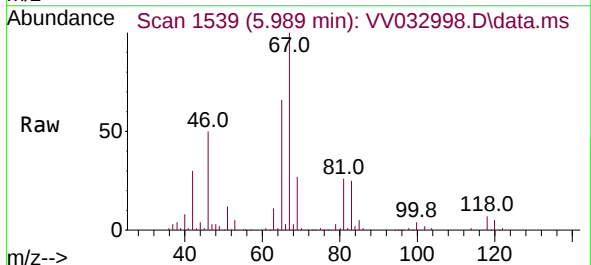
Instrument :
MSVOA_V
ClientSampleId :

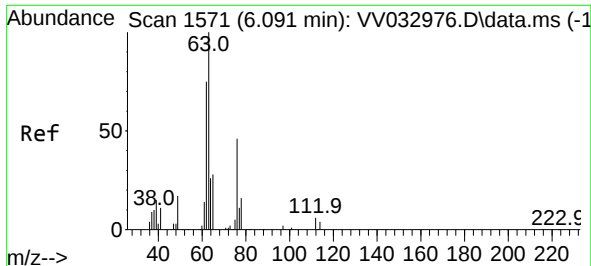
Tgt Ion: 78 Resp: 375103



#35
Methylcyclohexane
Concen: 0.986 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

Tgt Ion: 83 Resp: 24158
Ion Ratio Lower Upper
83 100
55 1.3 57.6 86.4#
98 0.5 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV032998.D

Acq: 17 Nov 2023 09:47

Instrument :

MSVOA_V

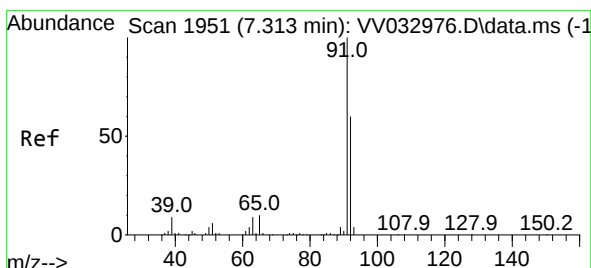
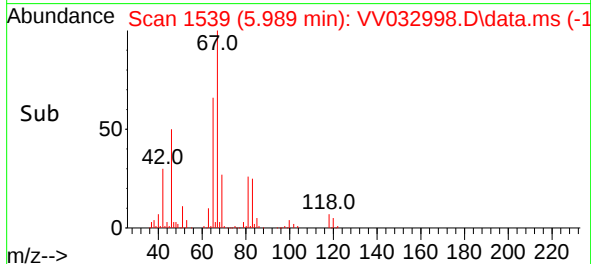
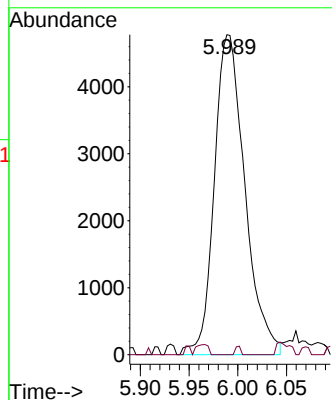
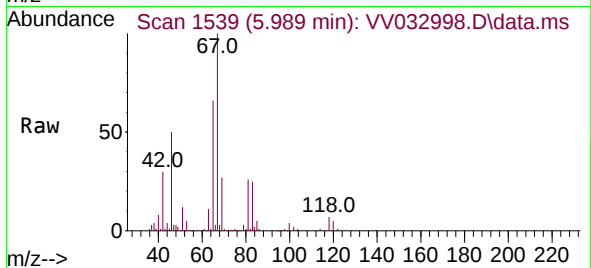
ClientSampleId :

Tgt Ion: 63 Resp: 10425

Ion Ratio Lower Upper

63 100

112 0.5 4.1 6.1#



#42

Toluene

Concen: 0.536 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV032998.D

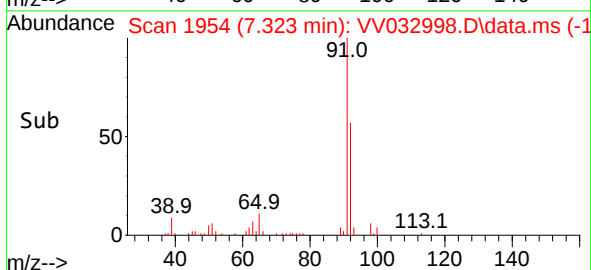
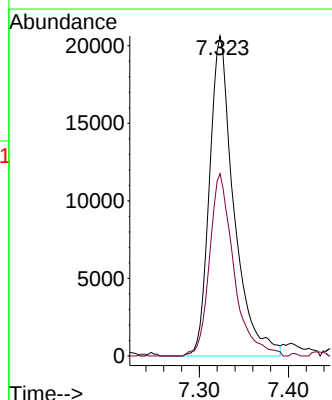
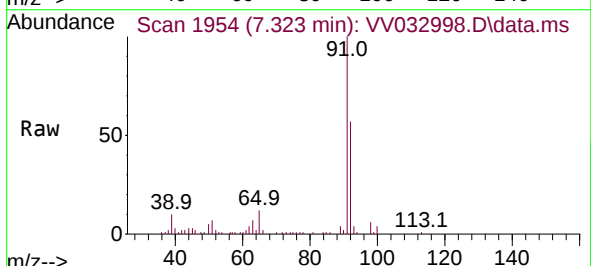
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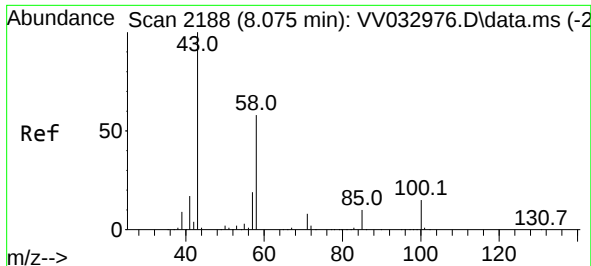
Tgt Ion: 91 Resp: 39170

Ion Ratio Lower Upper

91 100

92 56.9 41.3 76.7

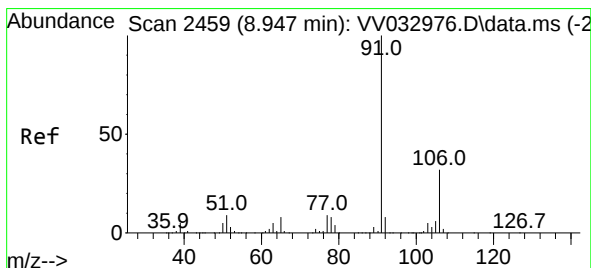
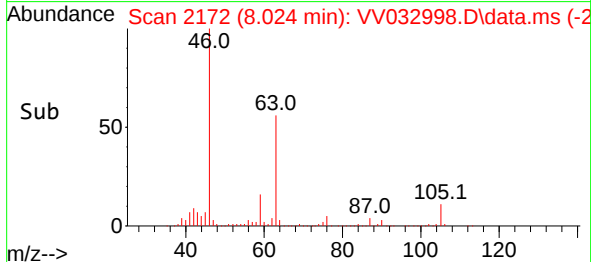
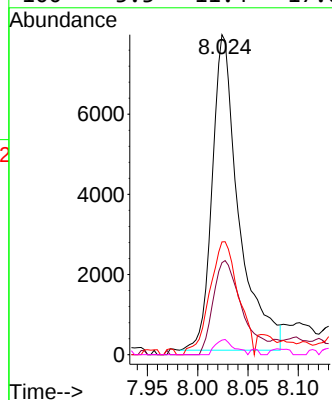
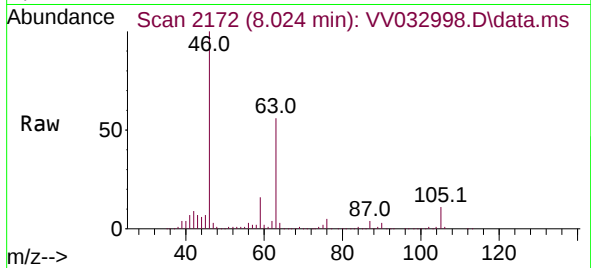




#48
2-Hexanone
Concen: 2.978 ug/L
RT: 8.024 min Scan# 2188
Delta R.T. -0.051 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

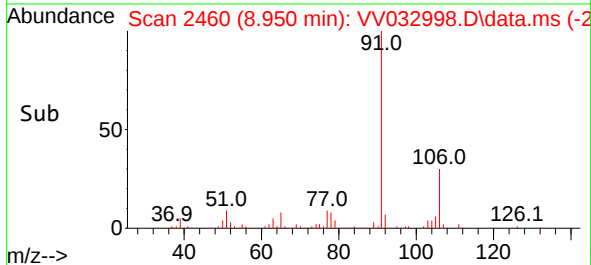
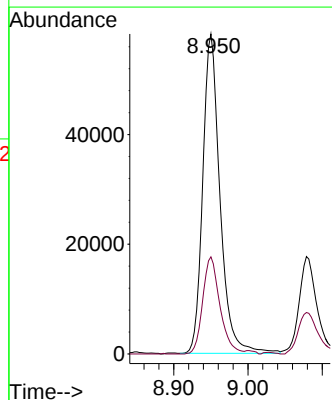
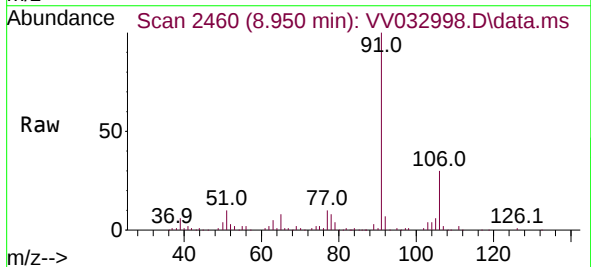
Instrument :
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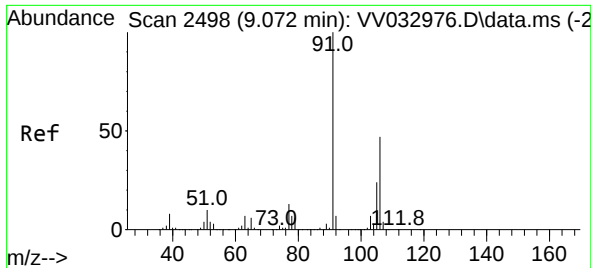
Tgt Ion: 43	Resp: 14499
Ion Ratio	Lower Upper
43	100
58	32.6 44.9 67.3#
57	38.2 15.1 22.7#
100	3.3 11.4 17.0#



#52
Ethylbenzene
Concen: 1.237 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

Tgt Ion: 91	Resp: 94010
Ion Ratio	Lower Upper
91	100
106	30.4 21.7 40.3

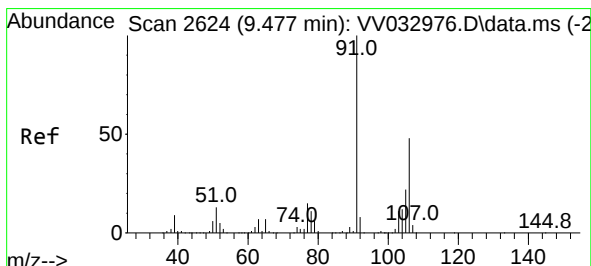
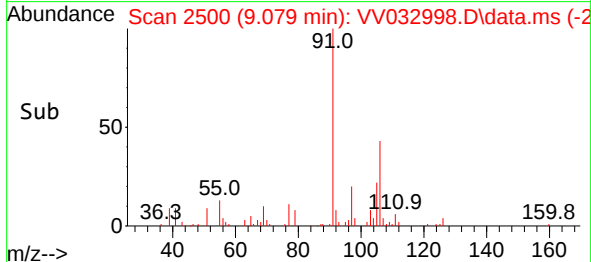
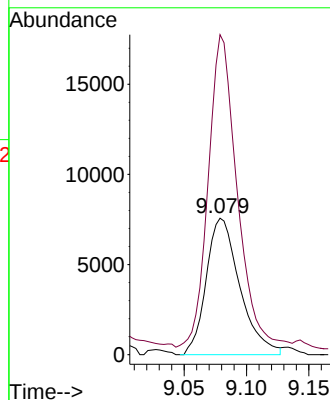
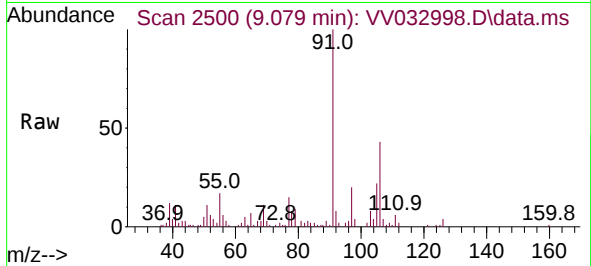




#53
m,p-Xylene
Concen: 0.484 ug/L
RT: 9.079 min Scan# 2498
Delta R.T. 0.007 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

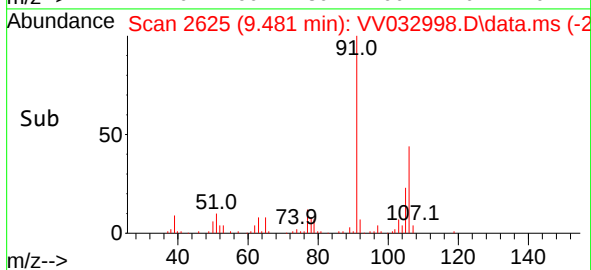
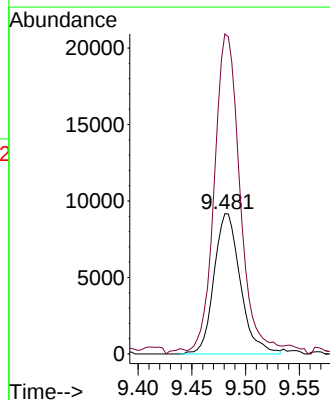
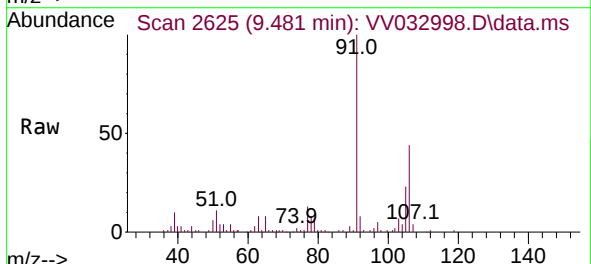
Instrument :
MSVOA_V
ClientSampleId :

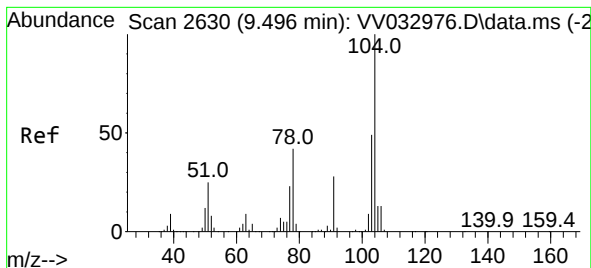
Tgt Ion:106 Resp: 14227
Ion Ratio Lower Upper
106 100
91 234.6 145.5 270.3



#54
o-Xylene
Concen: 0.558 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

Tgt Ion:106 Resp: 15655
Ion Ratio Lower Upper
106 100
91 228.0 142.4 264.4





#55

Styrene

Concen: 0.114 ug/L

RT: 9.510 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV032998.D

Acq: 17 Nov 2023 09:47

Instrument :

MSVOA_V

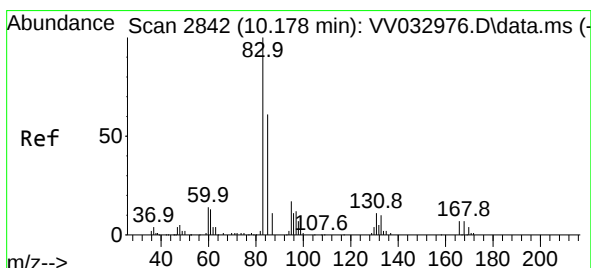
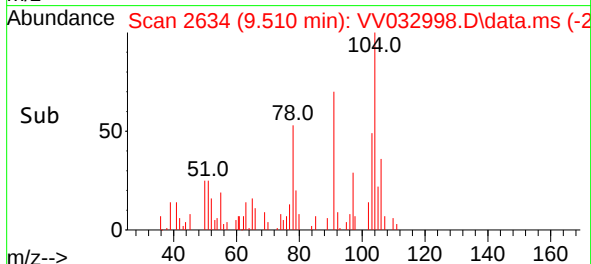
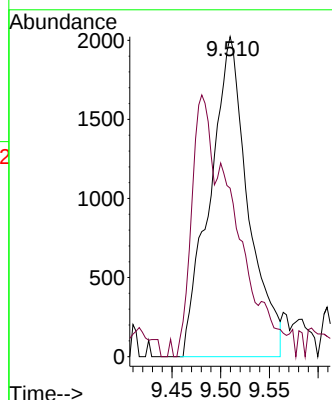
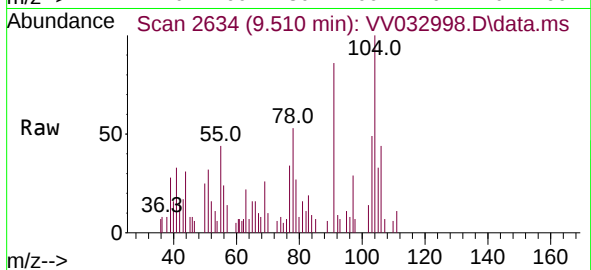
ClientSampleId :

Tgt Ion:104 Resp: 5525

Ion Ratio Lower Upper

104 100

78 52.6 29.8 55.4



#57

1,1,2,2-Tetrachloroethane

Concen: 0.375 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV032998.D

Acq: 17 Nov 2023 09:47

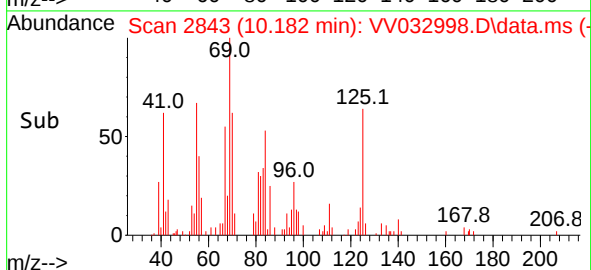
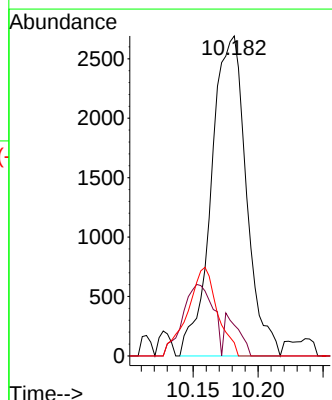
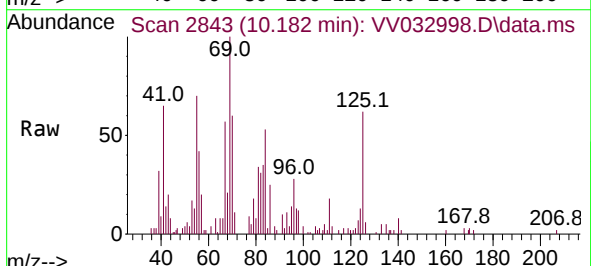
Tgt Ion: 83 Resp: 5026

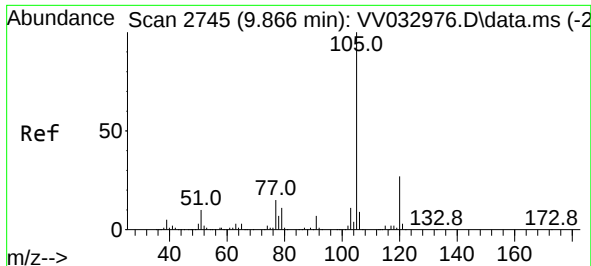
Ion Ratio Lower Upper

83 100

85 9.6 44.7 83.1#

131 4.2 8.0 12.0#

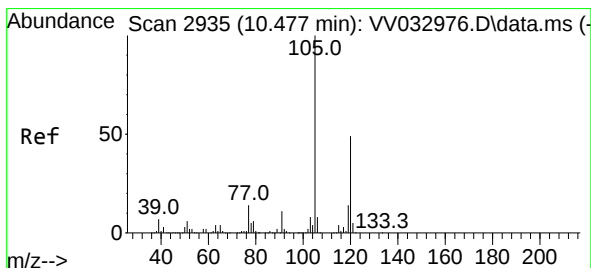
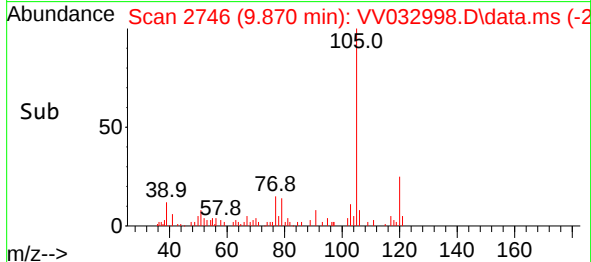
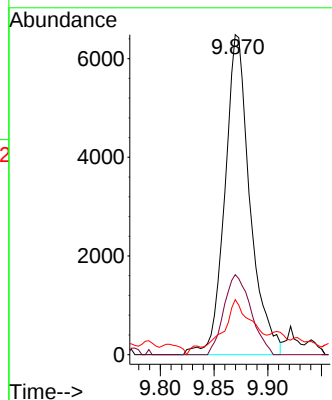
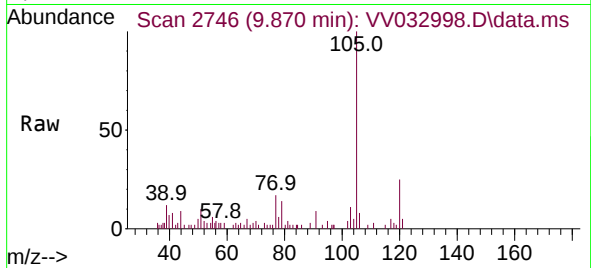




#60
Isopropylbenzene
Concen: 0.157 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

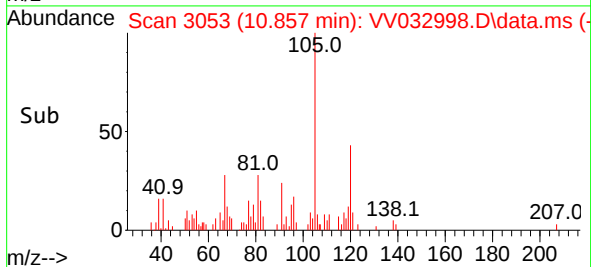
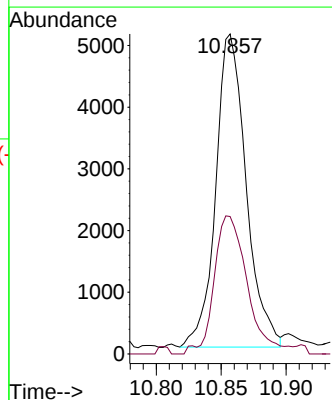
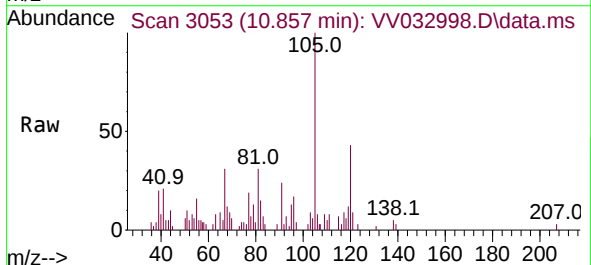
Instrument :
MSVOA_V
ClientSampleId :

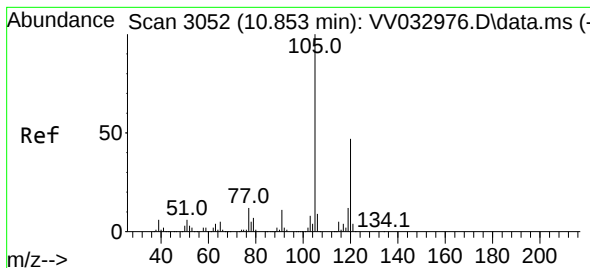
Tgt Ion:105 Resp: 10527
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0
77 14.8 12.6 19.0



#62
1,3,5-Trimethylbenzene
Concen: 0.157 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.380 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

Tgt Ion:105 Resp: 8281
Ion Ratio Lower Upper
105 100
120 47.9 39.7 59.5





#63

1,2,4-Trimethylbenzene

Concen: 0.156 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032998.D

Acq: 17 Nov 2023 09:47

Instrument :

MSVOA_V

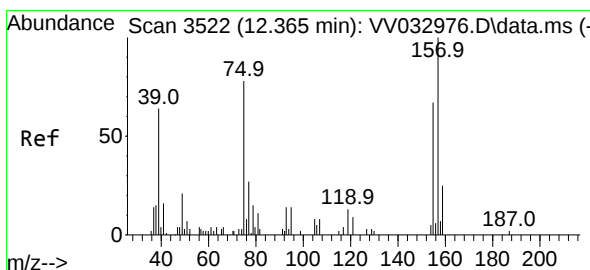
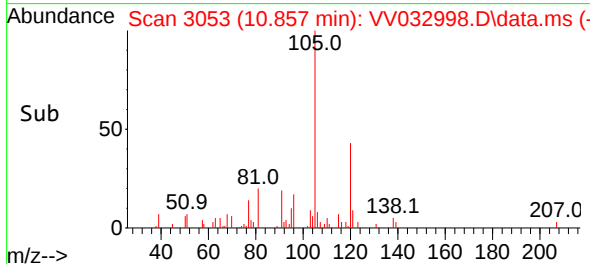
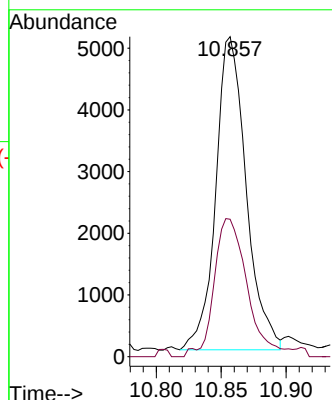
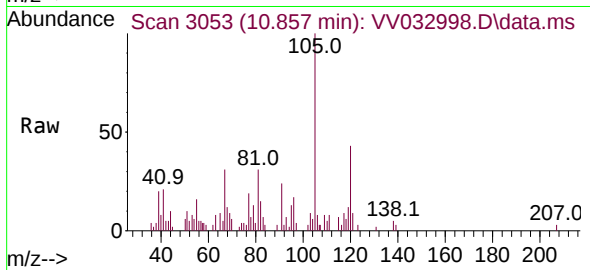
ClientSampleId :

Tgt Ion:105 Resp: 8281

Ion Ratio Lower Upper

105 100

120 47.9 36.6 55.0



#68

1,2-Dibromo-3-chloropropane

Concen: 1.737 ug/L

RT: 12.352 min Scan# 3518

Delta R.T. -0.013 min

Lab File: VV032998.D

Acq: 17 Nov 2023 09:47

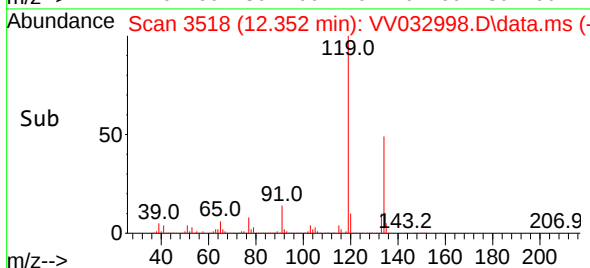
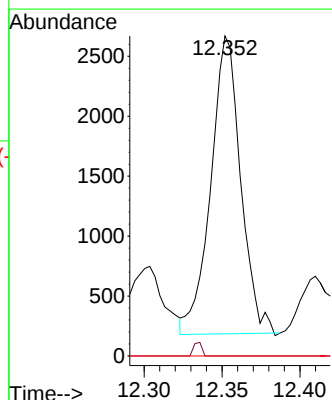
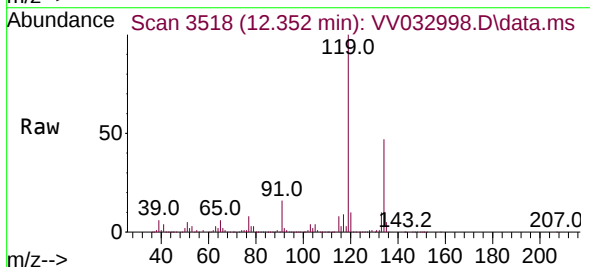
Tgt Ion: 75 Resp: 3302

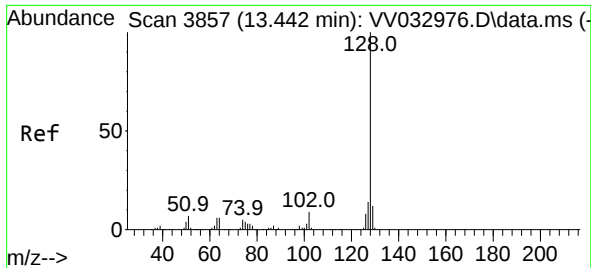
Ion Ratio Lower Upper

75 100

155 0.0 71.8 107.8#

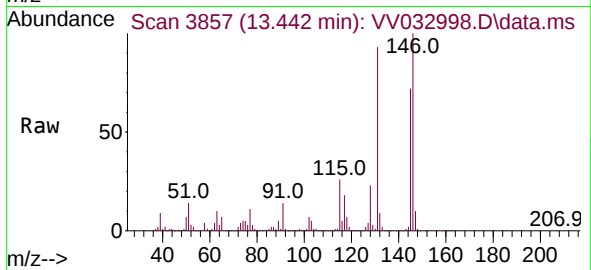
157 0.0 102.2 153.2#





#71
Naphthalene
Concen: 2.644 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032998.D
Acq: 17 Nov 2023 09:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 79143
Ion Ratio Lower Upper
128 100
129 18.4 8.8 13.2#
127 17.0 10.3 15.5#

