

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061870.D
 Acq On : 20 Nov 2024 16:52
 Operator : MD/SY
 Sample : P4847-04DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 01:30:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:18:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	136489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	64591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44960	6.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.200%
7) Chloroethane-d5	1.907	69	38763	6.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.000%
11) 1,1-Dichloroethene-d2	2.560	65	18475	6.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	126.800%#
20) 2-Butanone-d5	4.628	46	111457	48.628	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.260%
24) Chloroform-d	5.052	84	91500	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.695	65	49285	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.718	84	169127	6.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.200%#
36) 1,2-Dichloropropane-d6	6.679	67	56165	6.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.400%
41) Toluene-d8	7.891	98	135756	6.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.400%
43) trans-1,3-Dichloroprop...	8.177	79	17147	5.126	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.627	63	73793	48.330	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44801	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	52796	5.528	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	1838	0.153	ug/L	90
30) Cyclohexane	5.380	56	1027	0.062	ug/L #	75
33) Benzene	5.769	78	14757	0.358	ug/L	100
35) Methylcyclohexane	6.756	83	2259	0.134	ug/L	95
37) 1,2-Dichloropropane	6.682	63	6375	0.595	ug/L #	91
51) Chlorobenzene	9.438	112	394924	13.331	ug/L	99
53) m,p-Xylene	9.698	106	2173	0.119	ug/L	90
54) o-Xylene	10.097	106	2372	0.129	ug/L	91
60) Isopropylbenzene	10.476	105	104817	2.081	ug/L	99
61) 1,2,3-Trichloropropane	10.476	75	1190	0.159	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.463	105	3642	0.091	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	3642	0.091	ug/L	91
65) 1,4-Dichlorobenzene	11.827	146	12057	0.557	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	11408	0.587	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.962	75	1577	1.237	ug/L #	9
71) Naphthalene	14.087	128	10101	0.615	ug/L #	92

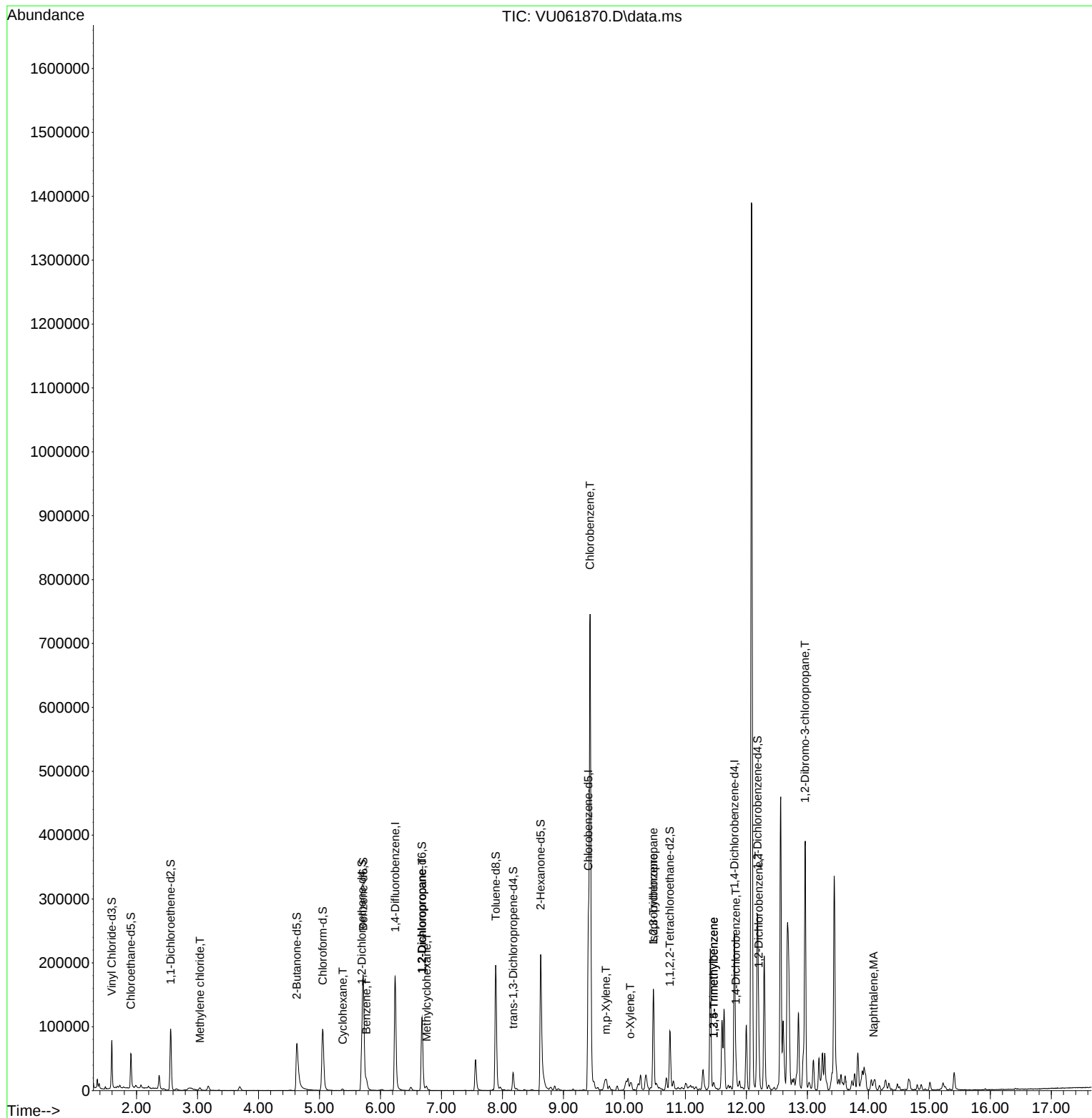
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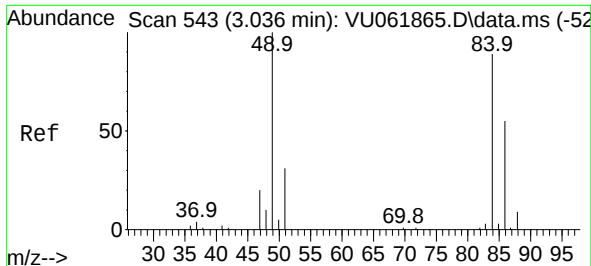
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
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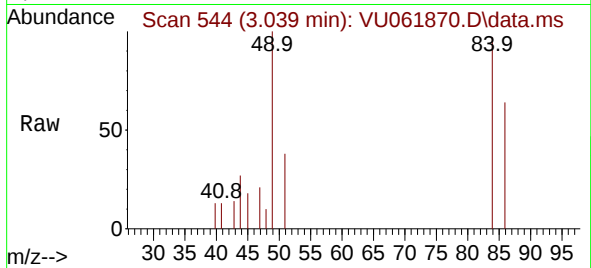
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:18:14 2024
Response via : Initial Calibration



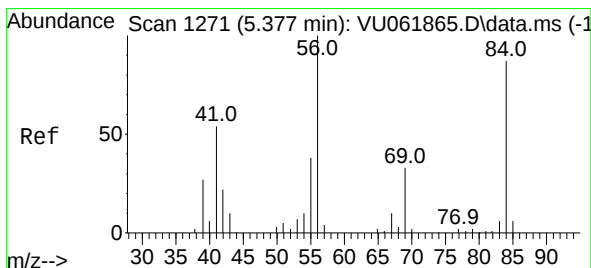
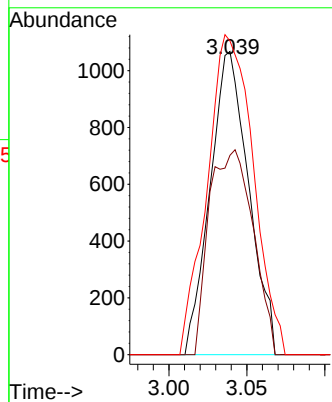
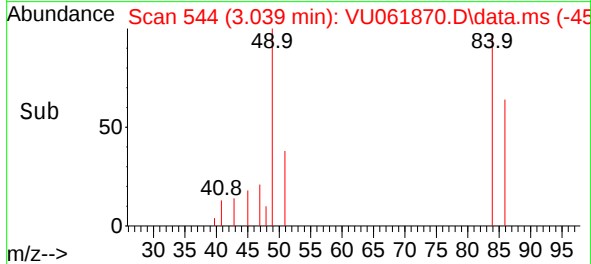


#16
Methylene chloride
Concen: 0.153 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52

Instrument :
MSVOA_U
ClientSampleId :

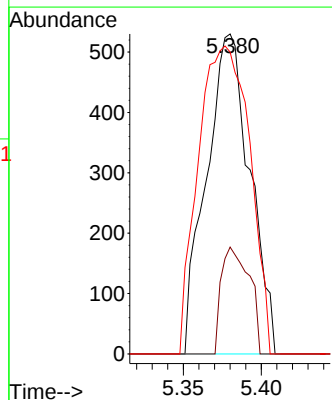
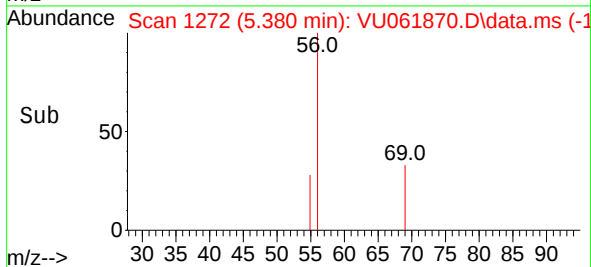
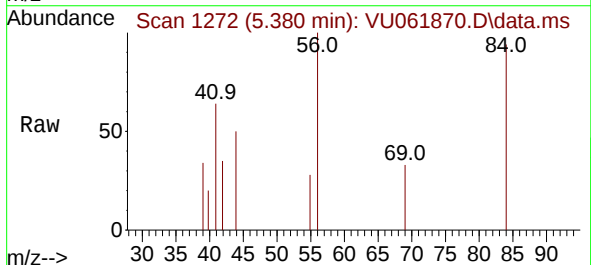


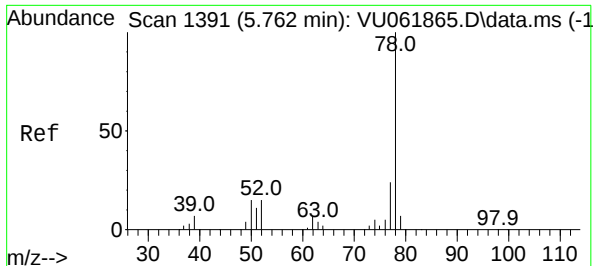
Tgt Ion: 84 Resp: 1838
Ion Ratio Lower Upper
84 100
86 65.7 43.5 80.7
49 103.5 81.9 152.1



#30
Cyclohexane
Concen: 0.062 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52

Tgt Ion: 56 Resp: 1027
Ion Ratio Lower Upper
56 100
69 21.5 25.1 37.7#
84 114.0 70.6 105.8#





#33

Benzene

Concen: 0.358 ug/L

RT: 5.769 min Scan# 14

Delta R.T. 0.006 min

Lab File: VU061870.D

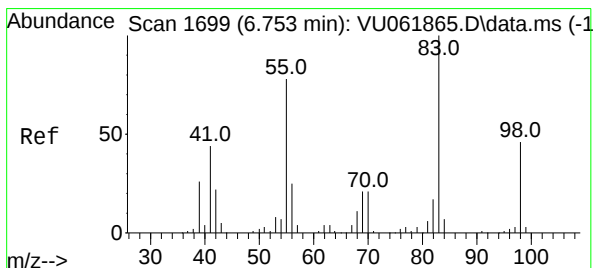
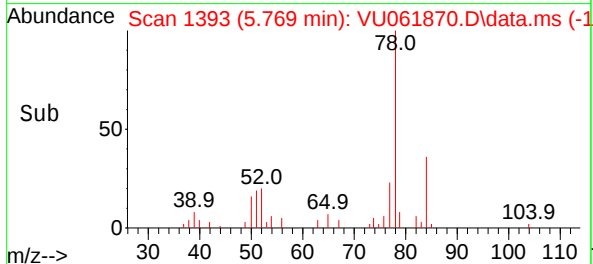
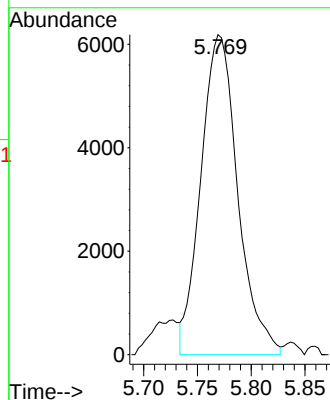
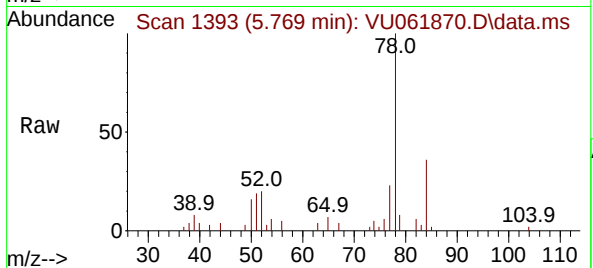
Acq: 20 Nov 2024 16:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 14757



#35

Methylcyclohexane

Concen: 0.134 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061870.D

Acq: 20 Nov 2024 16:52

Tgt Ion: 83 Resp: 2259

Ion Ratio Lower Upper

83 100

55 79.5

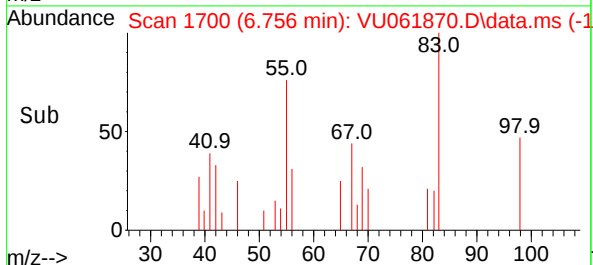
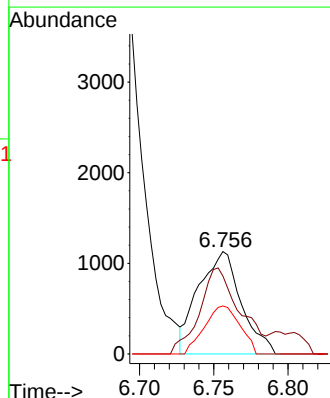
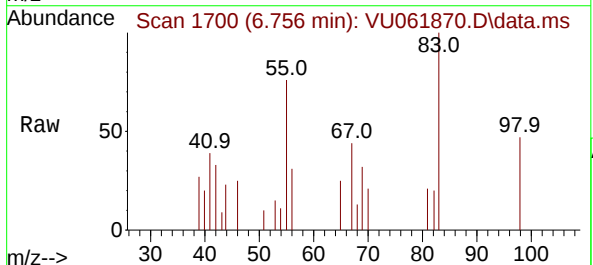
98 38.9

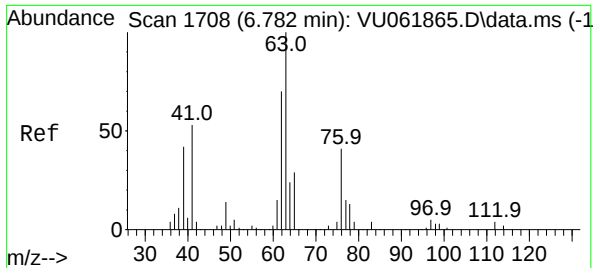
60.7

34.8

91.1

52.2

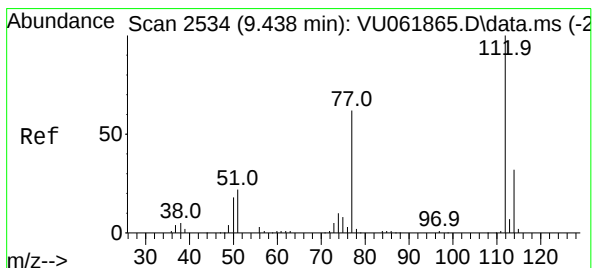
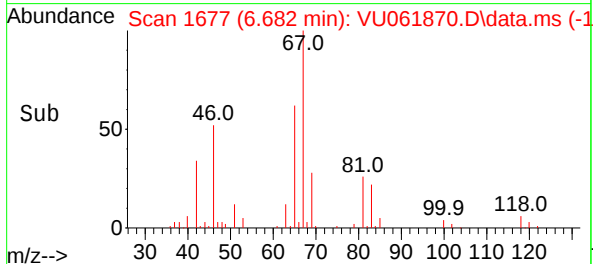
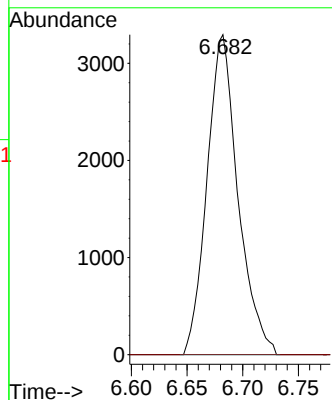
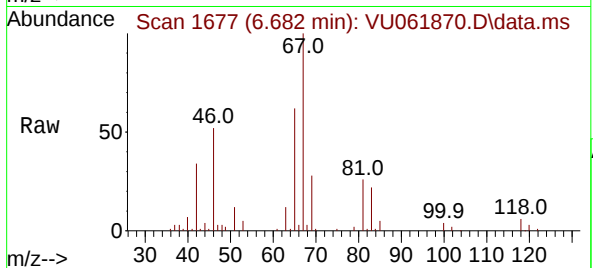




#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52

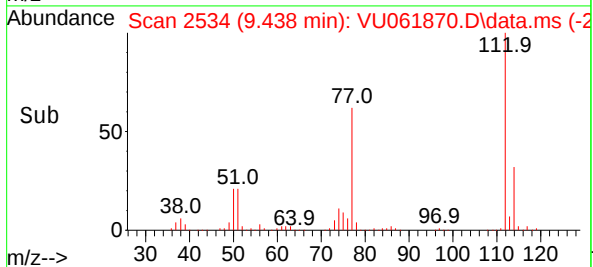
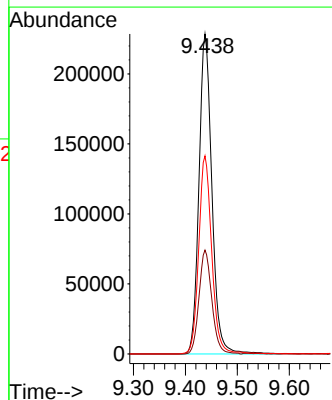
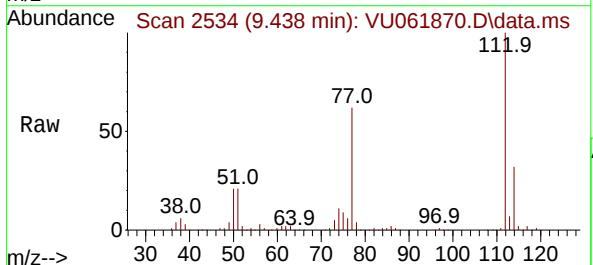
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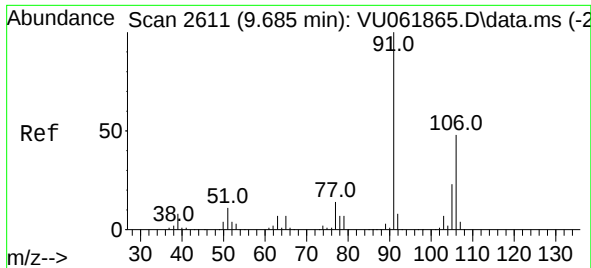
Tgt Ion: 63 Resp: 6375
Ion Ratio Lower Upper
63 100
112 1.3 3.4 5.0#



#51
Chlorobenzene
Concen: 13.331 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52

Tgt Ion:112 Resp: 394924
Ion Ratio Lower Upper
112 100
114 32.4 23.0 42.6
77 61.9 50.5 75.7

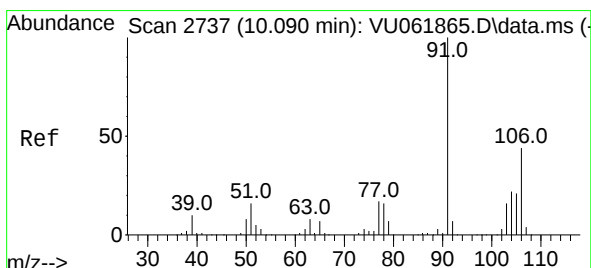
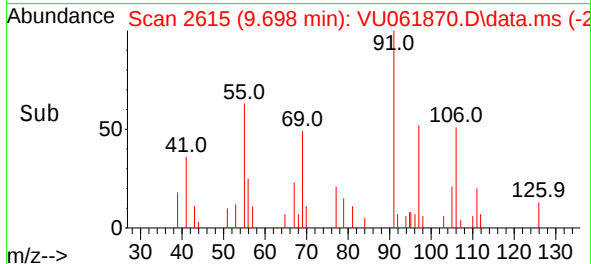
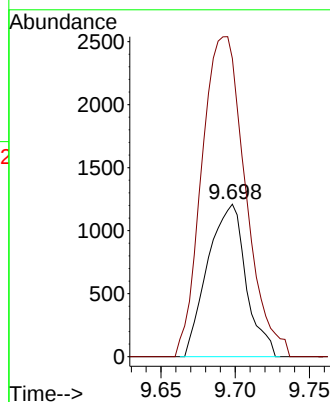
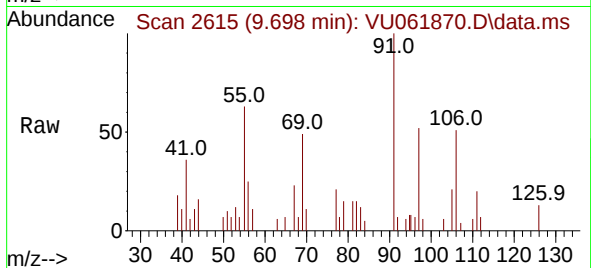




#53
m,p-Xylene
Concen: 0.119 ug/L
RT: 9.698 min Scan# 2615
Delta R.T. 0.013 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52

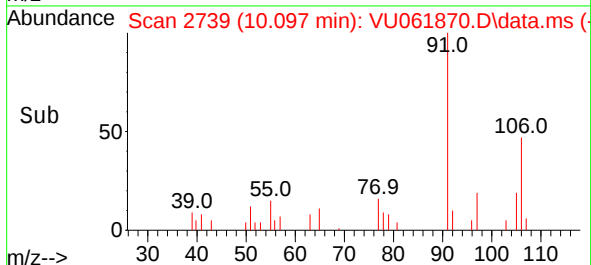
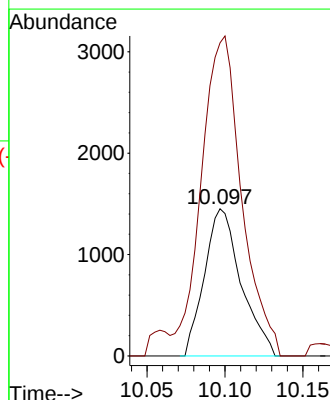
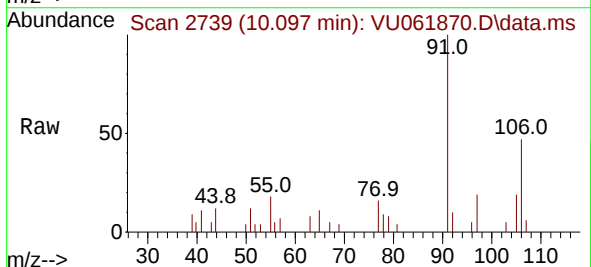
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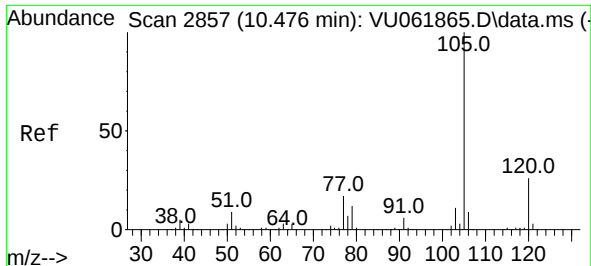
Tgt Ion:106 Resp: 2173
Ion Ratio Lower Upper
106 100
91 195.6 147.6 274.0



#54
o-Xylene
Concen: 0.129 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52

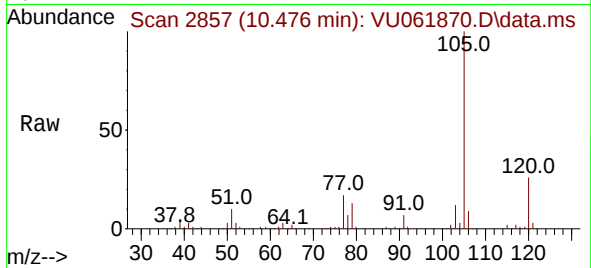
Tgt Ion:106 Resp: 2372
Ion Ratio Lower Upper
106 100
91 212.7 159.8 296.8



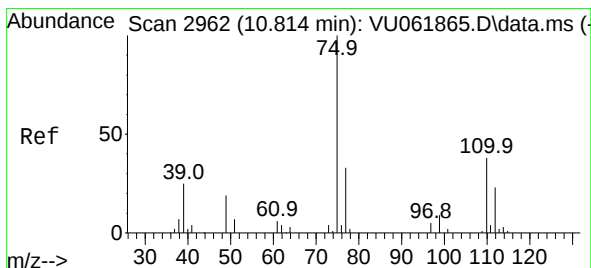
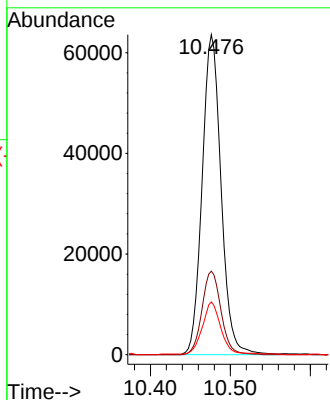
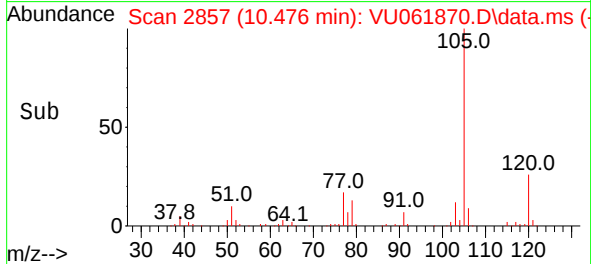


#60
Isopropylbenzene
Concen: 2.081 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52

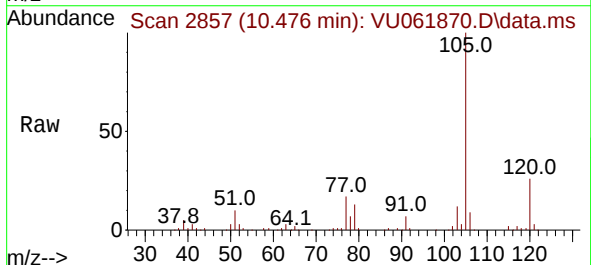
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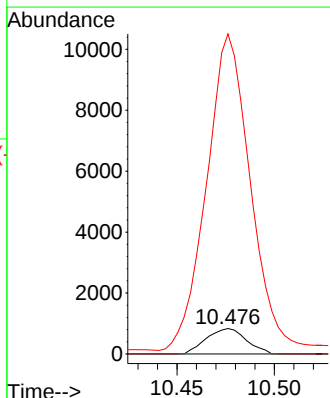
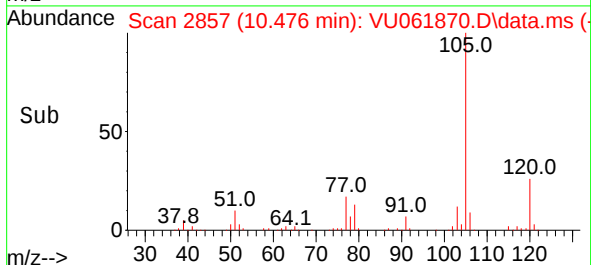
Tgt Ion:105 Resp: 104817
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 15.6 13.0 19.6

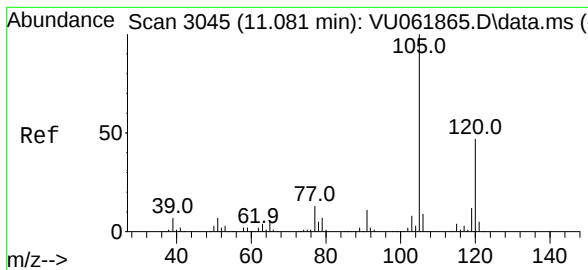


#61
1,2,3-Trichloropropane
Concen: 0.159 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.338 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52



Tgt Ion: 75 Resp: 1190
Ion Ratio Lower Upper
75 100
110 29.2 28.9 43.3
77 1376.6 26.5 39.7#

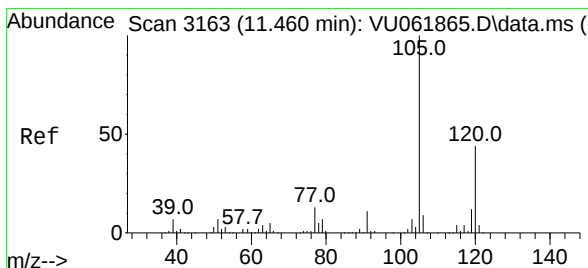
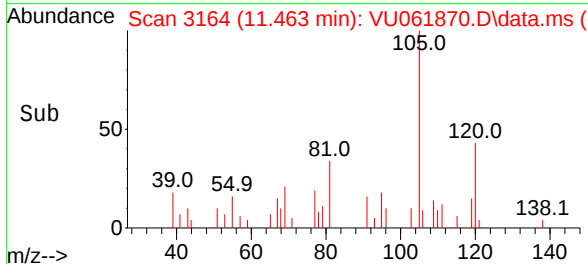
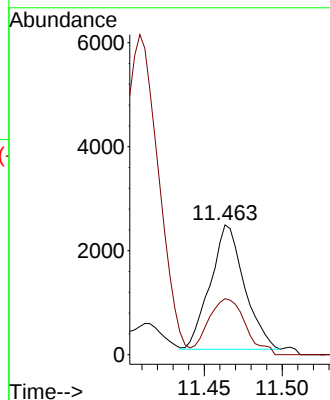
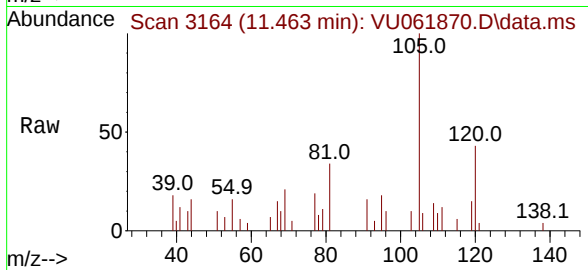




#62
 1,3,5-Trimethylbenzene
 Concen: 0.091 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.383 min
 Lab File: VU061870.D
 Acq: 20 Nov 2024 16:52

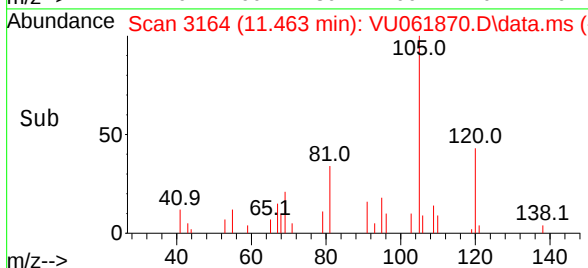
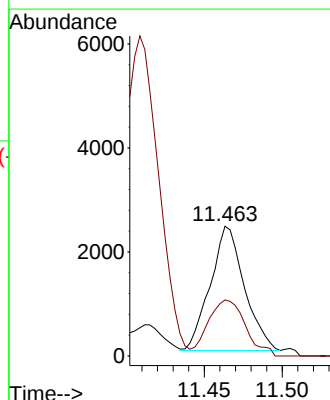
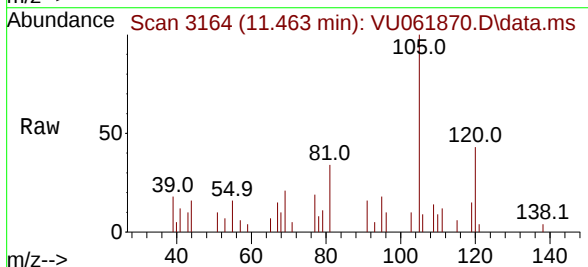
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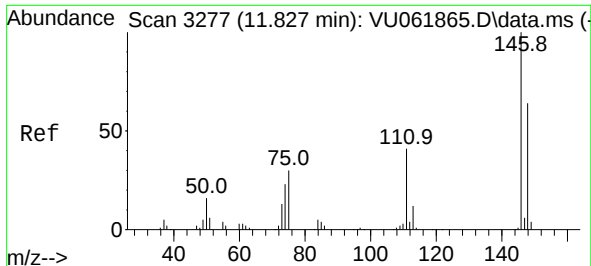
Tgt Ion:105 Resp: 3642
 Ion Ratio Lower Upper
 105 100
 120 49.0 36.7 55.1



#63
 1,2,4-Trimethylbenzene
 Concen: 0.091 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU061870.D
 Acq: 20 Nov 2024 16:52

Tgt Ion:105 Resp: 3642
 Ion Ratio Lower Upper
 105 100
 120 49.0 34.7 52.1





#65

1,4-Dichlorobenzene

Concen: 0.557 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

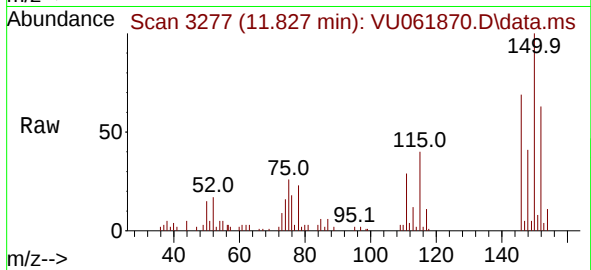
Lab File: VU061870.D

Acq: 20 Nov 2024 16:52

Instrument :

MSVOA_U

ClientSampleId :



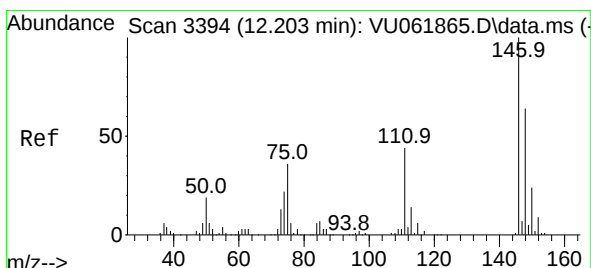
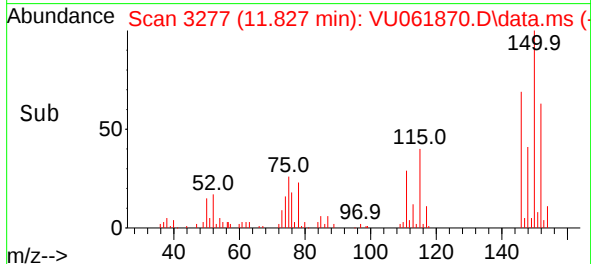
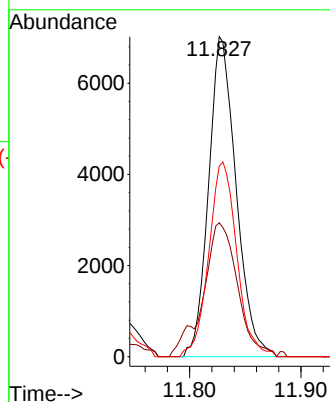
Tgt Ion:146 Resp: 12057

Ion Ratio Lower Upper

146 100

111 41.8 29.3 54.3

148 59.5 44.6 82.8



#67

1,2-Dichlorobenzene

Concen: 0.587 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061870.D

Acq: 20 Nov 2024 16:52

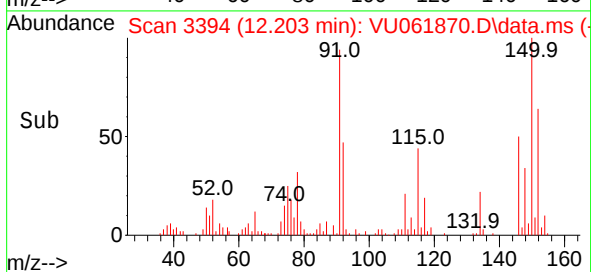
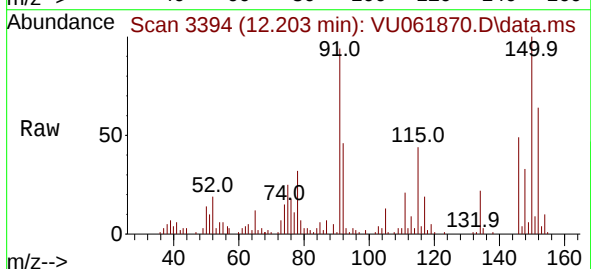
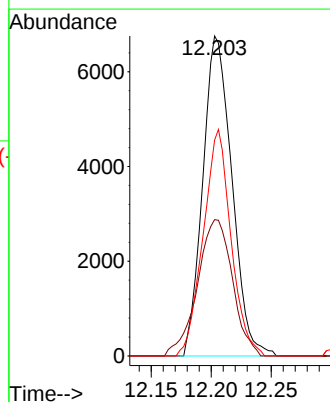
Tgt Ion:146 Resp: 11408

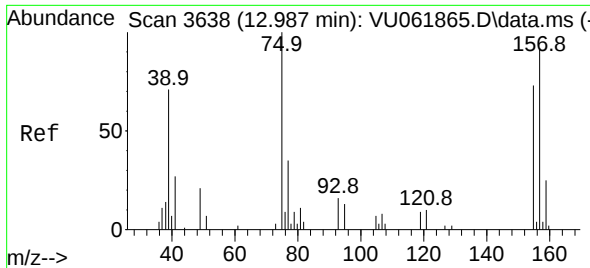
Ion Ratio Lower Upper

146 100

111 42.6 36.0 54.0

148 67.4 52.3 78.5

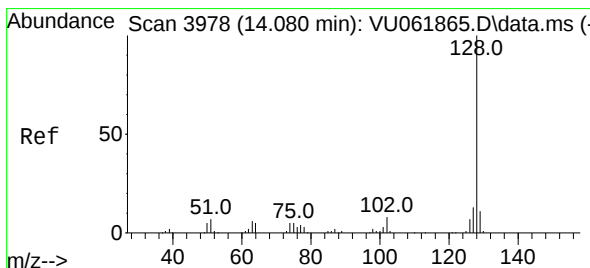
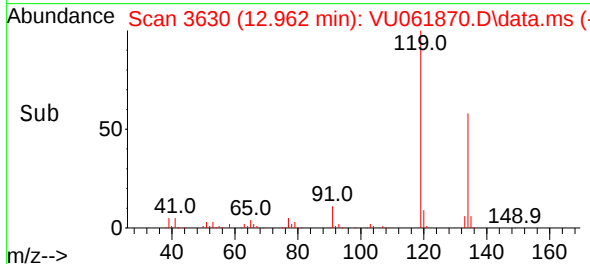
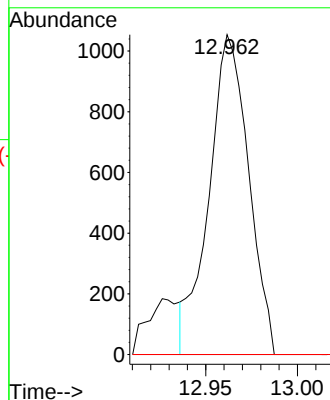
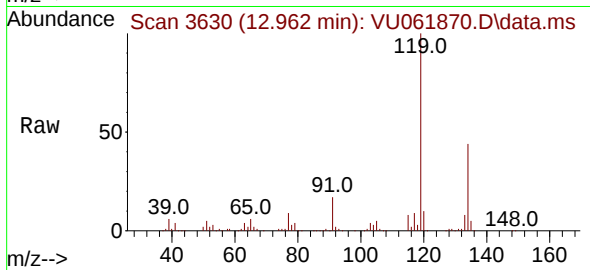




#68
1,2-Dibromo-3-chloropropane
Concen: 1.237 ug/L
RT: 12.962 min Scan# 30
Delta R.T. -0.026 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1577
Ion Ratio Lower Upper
75 100
155 0.0 55.2 82.8#
157 0.0 73.5 110.3#



#71
Naphthalene
Concen: 0.615 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.006 min
Lab File: VU061870.D
Acq: 20 Nov 2024 16:52

Tgt Ion:128 Resp: 10101
Ion Ratio Lower Upper
128 100
129 16.2 8.5 12.7#
127 13.6 10.2 15.4

