

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061821.D
 Acq On : 18 Nov 2024 18:33
 Operator : MD/SY
 Sample : P4827-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:26:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 00:15:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164038	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	162059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35948	3.392	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.904	69	34516	3.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.560	65	16205	3.408	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.615	46	112066	49.816	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.640%
24) Chloroform-d	5.052	84	90898	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.692	65	47779	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.718	84	182987	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.682	67	58951	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.891	98	160900	3.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.174	79	18345	3.766	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.624	63	90205	46.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49276	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	63518	4.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	6726	0.551	ug/L #	1
13) Acetone	2.624	43	13325	9.402	ug/L	93
16) Methylene chloride	3.039	84	1947	0.171	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	3360	0.138	ug/L #	91
18) trans-1,2-Dichloroethene	3.351	96	2144	0.197	ug/L	74
22) cis-1,2-Dichloroethene	4.657	96	37443	3.057	ug/L	98
35) Methylcyclohexane	6.756	83	4490	0.225	ug/L #	94
45) 1,1,2-Trichloroethane	8.357	97	1427	0.157	ug/L #	14
52) Ethylbenzene	9.563	91	38285	0.681	ug/L	100
53) m,p-Xylene	9.692	106	3000	0.139	ug/L	90
54) o-Xylene	10.094	106	22291	1.066	ug/L	99
60) Isopropylbenzene	10.476	105	11133	0.211	ug/L #	66
61) 1,2,3-Trichloropropane	11.283	75	1155	0.161	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.884	105	261398	6.188	ug/L	91
63) 1,2,4-Trimethylbenzene	11.884	105	261398	6.357	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.965	75	358	0.286	ug/L #	3

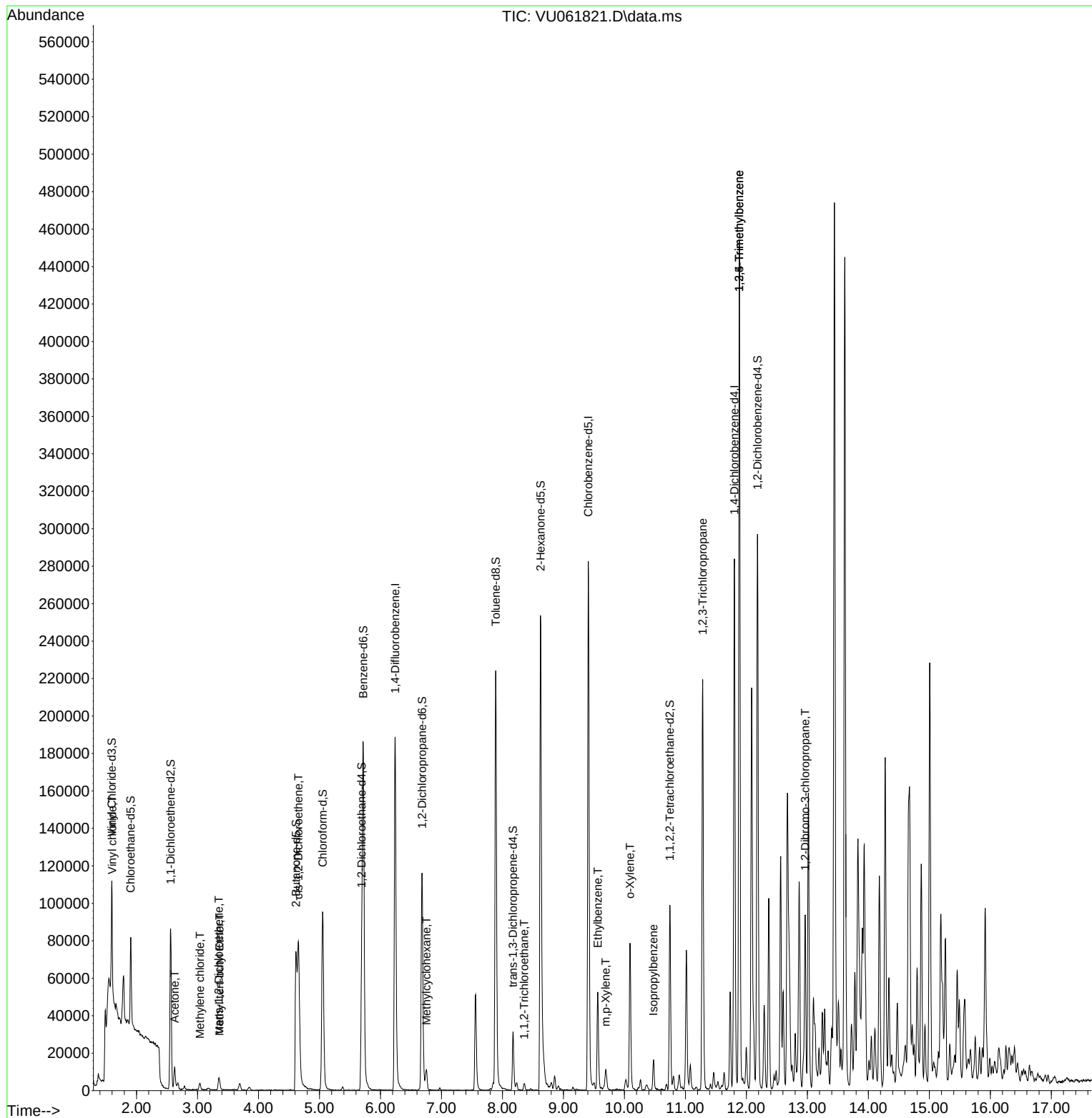
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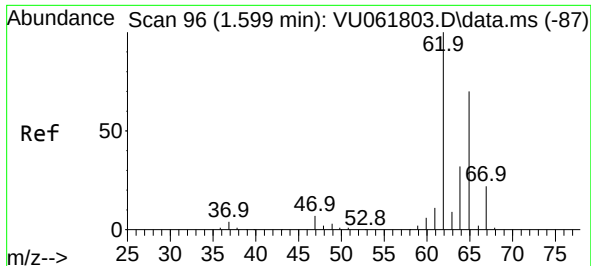
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
Data File : VU061821.D
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Quant Time: Nov 19 00:26:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 19 00:15:47 2024
Response via : Initial Calibration

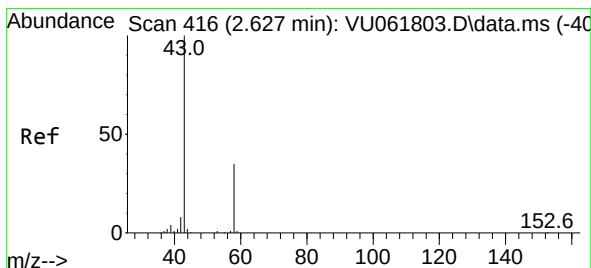
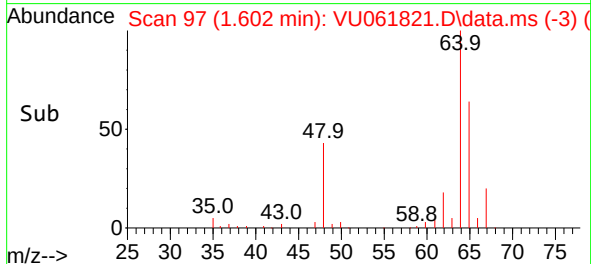
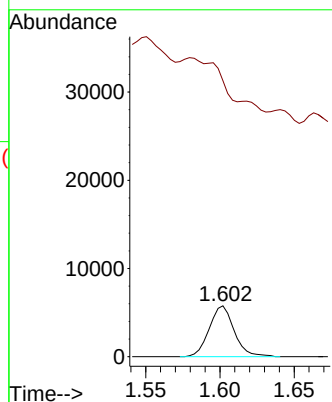
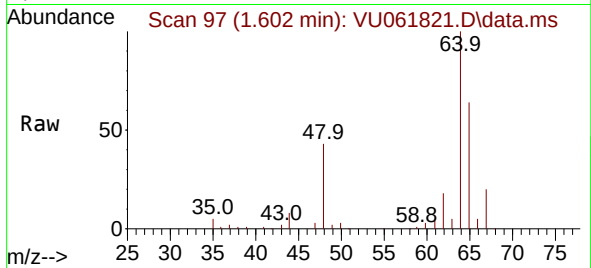




#5
 Vinyl chloride
 Concen: 0.551 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU061821.D
 Acq: 18 Nov 2024 18:33

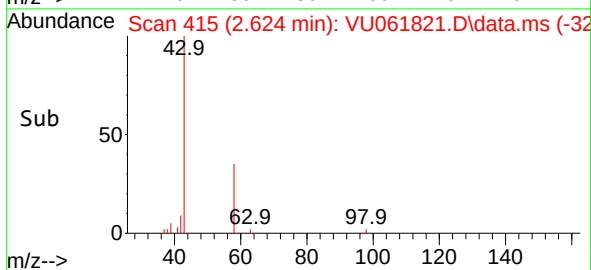
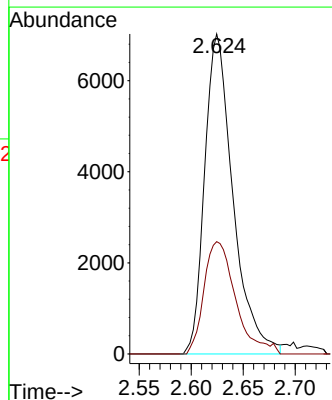
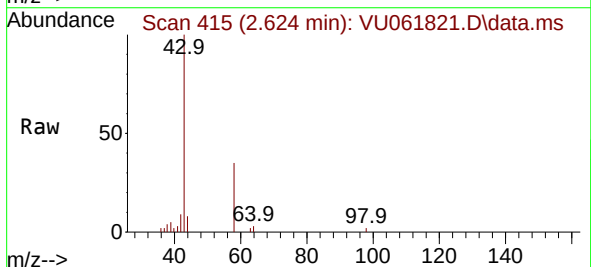
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 MSVOA_U
 ClientSampleId :

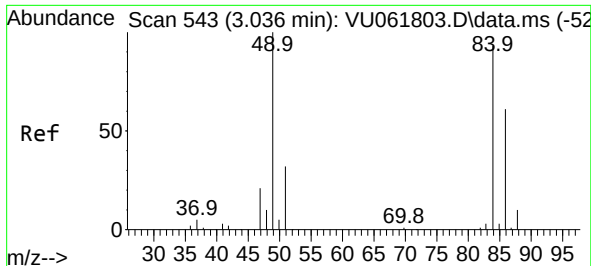
Tgt Ion: 62 Resp: 6726
 Ion Ratio Lower Upper
 62 100
 64 542.4 23.7 44.1#



#13
 Acetone
 Concen: 9.402 ug/L
 RT: 2.624 min Scan# 415
 Delta R.T. -0.003 min
 Lab File: VU061821.D
 Acq: 18 Nov 2024 18:33

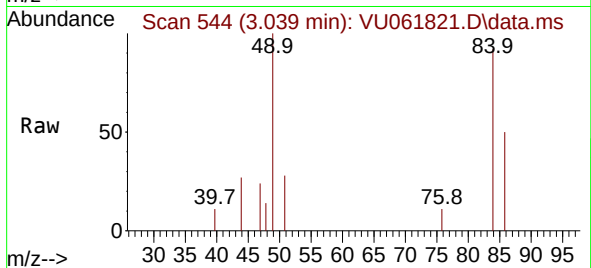
Tgt Ion: 43 Resp: 13325
 Ion Ratio Lower Upper
 43 100
 58 39.1 0.0 69.8





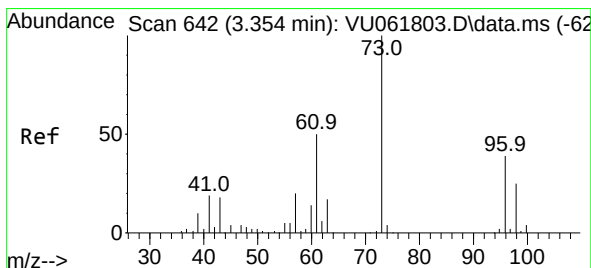
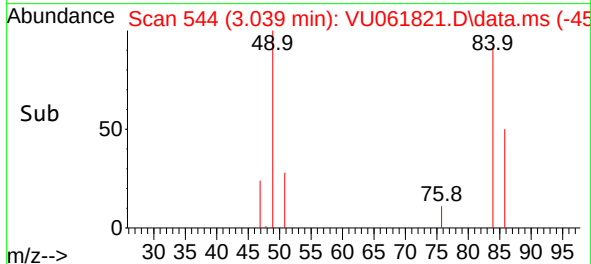
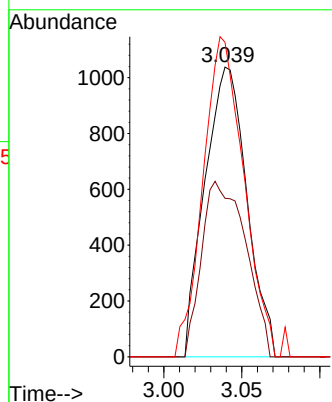
#16
Methylene chloride
Concen: 0.171 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 1947

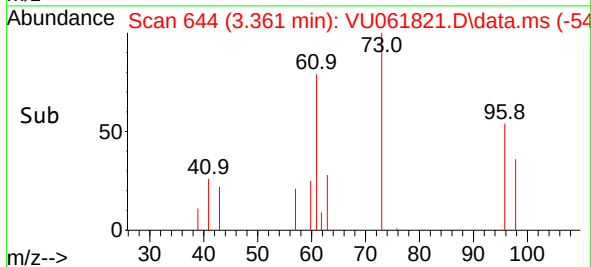
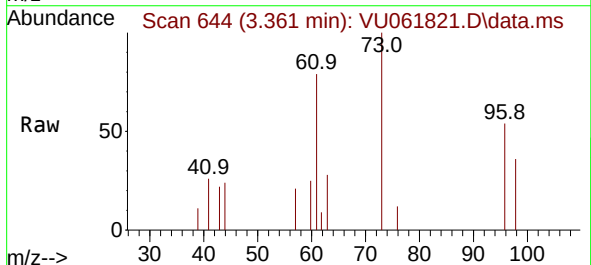
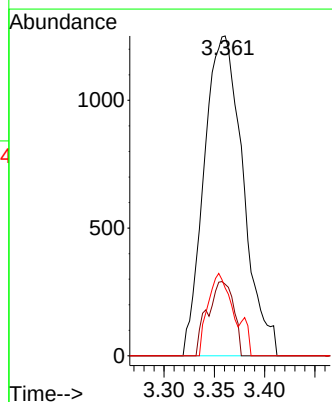
Ion	Ratio	Lower	Upper
84	100		
86	54.7	45.1	83.7
49	108.6	76.3	141.7

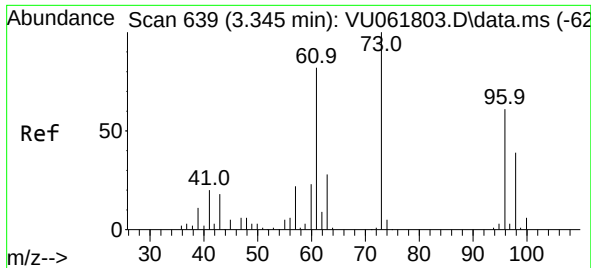


#17
Methyl tert-butyl Ether
Concen: 0.138 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.007 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33

Tgt Ion: 73 Resp: 3360

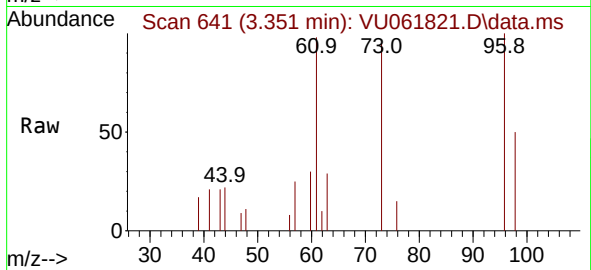
Ion	Ratio	Lower	Upper
73	100		
43	15.5	14.2	21.4
57	15.2	16.9	25.3



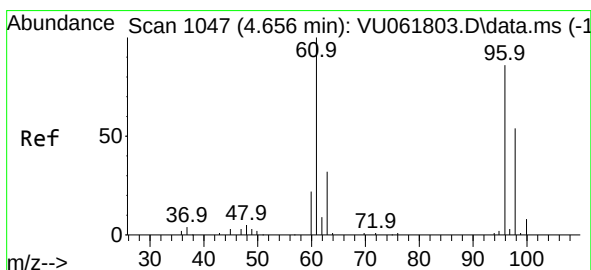
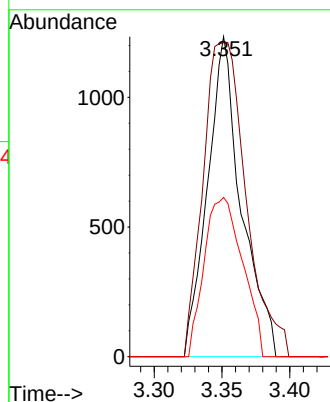
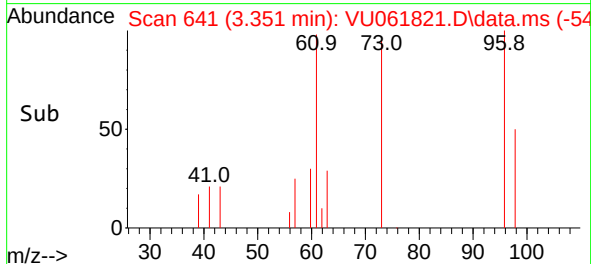


#18
trans-1,2-Dichloroethene
Concen: 0.197 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.007 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33

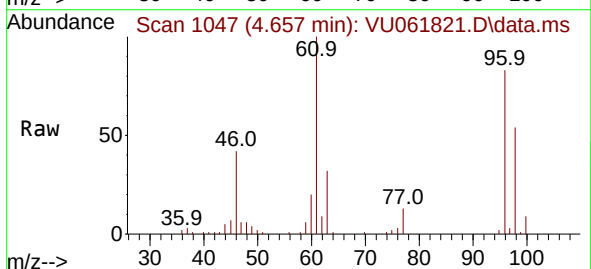
Instrument :
MSVOA_U
ClientSampleId :



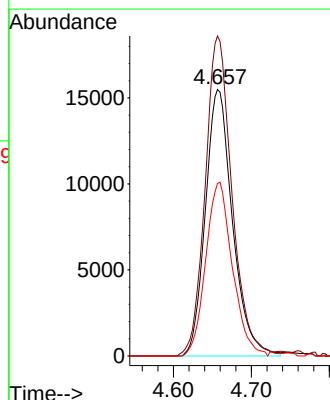
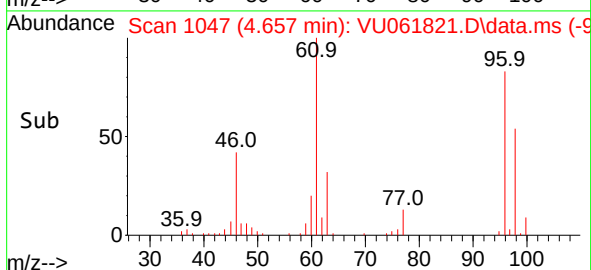
Tgt Ion: 96 Resp: 2144
Ion Ratio Lower Upper
96 100
61 98.1 94.1 174.8
98 49.8 43.2 80.2

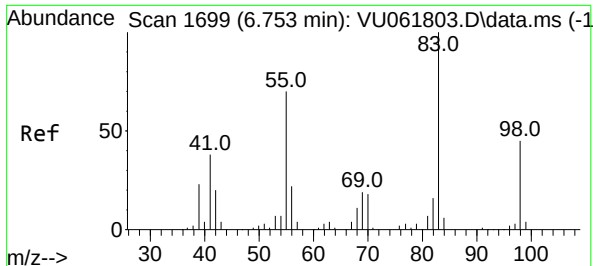


#22
cis-1,2-Dichloroethene
Concen: 3.057 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33



Tgt Ion: 96 Resp: 37443
Ion Ratio Lower Upper
96 100
61 120.0 85.6 159.0
98 64.7 45.6 84.8

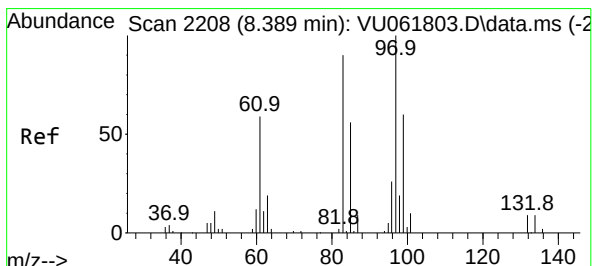
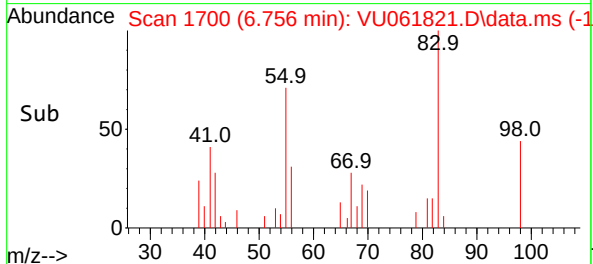
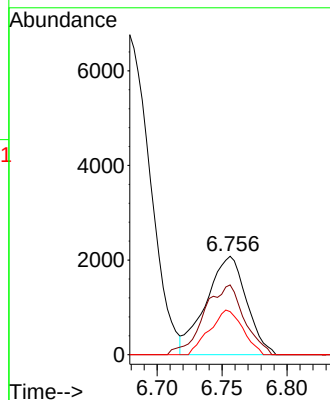
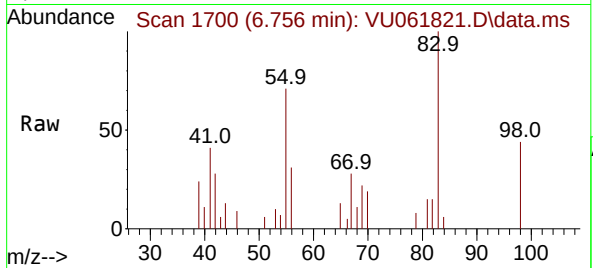




#35
Methylcyclohexane
Concen: 0.225 ug/L
RT: 6.756 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33

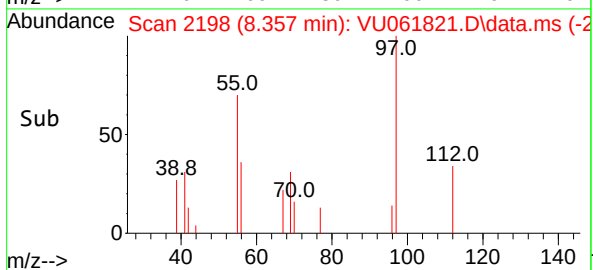
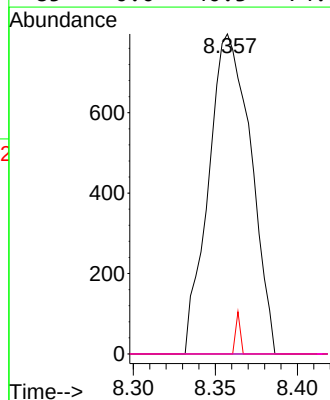
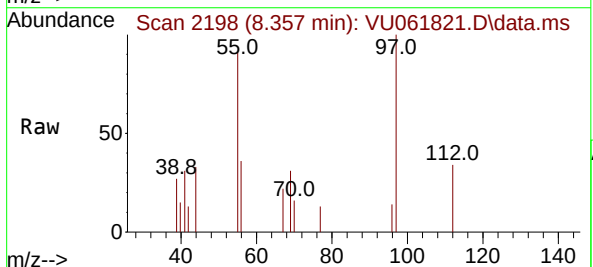
Instrument :
MSVOA_U
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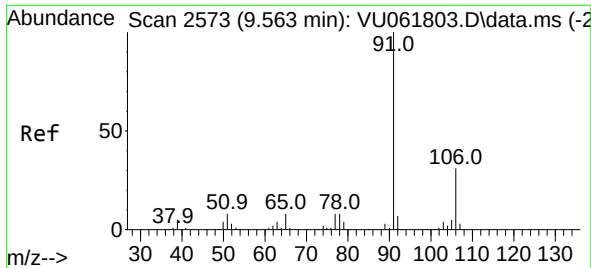
Tgt Ion: 83 Resp: 4490
Ion Ratio Lower Upper
83 100
55 70.6 56.4 84.6
98 37.4 37.7 56.5#



#45
1,1,2-Trichloroethane
Concen: 0.157 ug/L
RT: 8.357 min Scan# 2198
Delta R.T. -0.032 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33

Tgt Ion: 97 Resp: 1427
Ion Ratio Lower Upper
97 100
99 0.0 43.8 81.3#
83 0.0 63.2 117.4#
85 0.0 40.3 74.8#

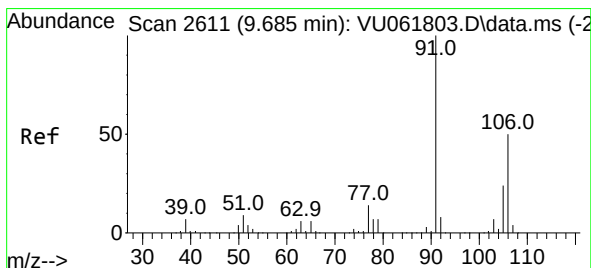
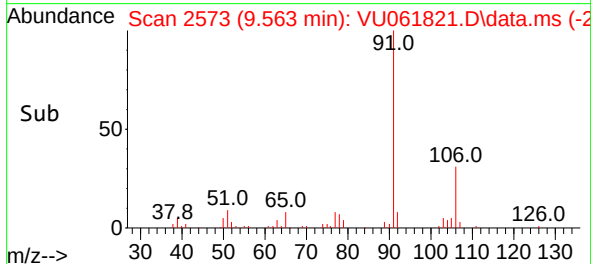
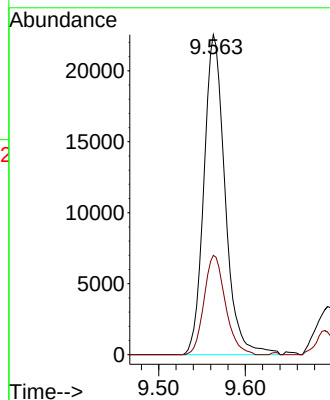
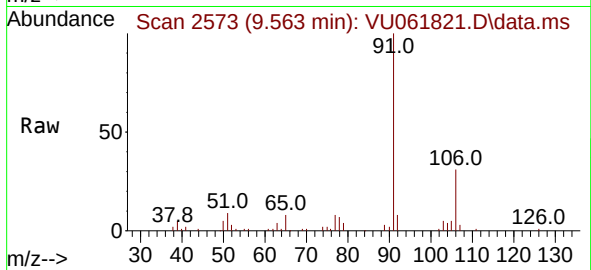




#52
Ethylbenzene
Concen: 0.681 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33

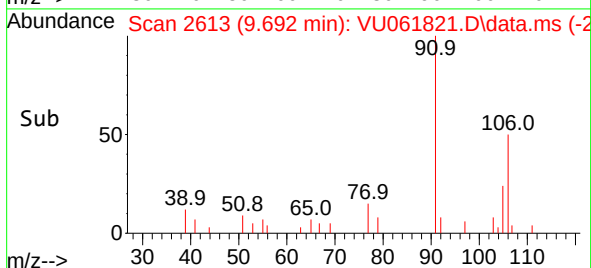
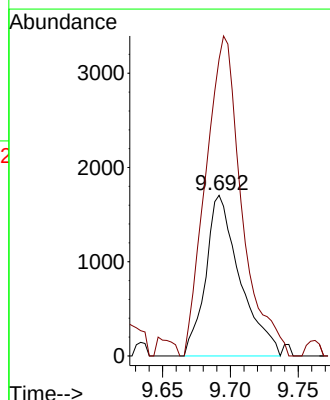
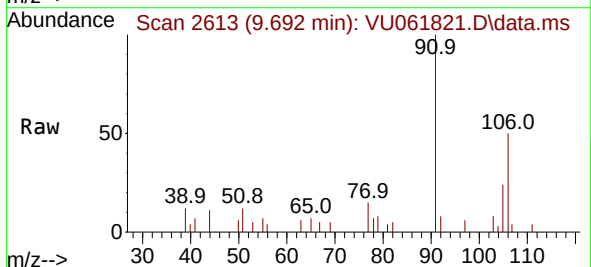
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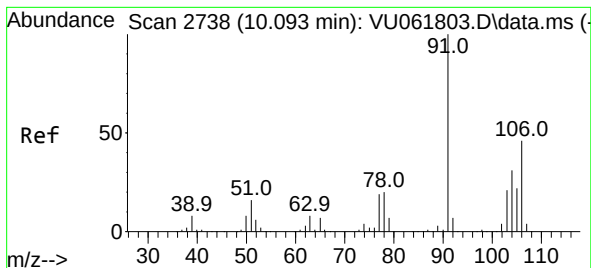
Tgt Ion: 91 Resp: 38285
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 0.139 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.007 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33

Tgt Ion:106 Resp: 3000
Ion Ratio Lower Upper
106 100
91 184.8 140.4 260.8





#54

o-Xylene

Concen: 1.066 ug/L

RT: 10.094 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU061821.D

Acq: 18 Nov 2024 18:33

Instrument :

MSVOA_U

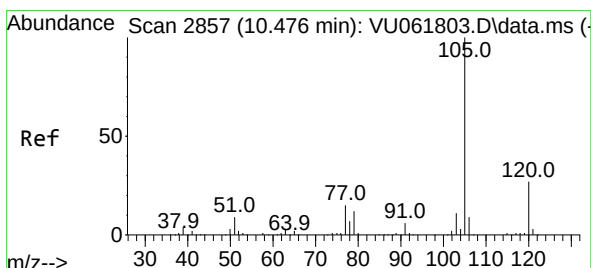
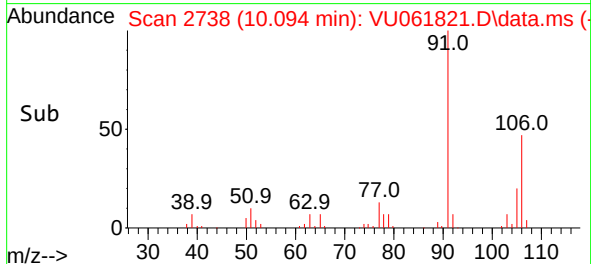
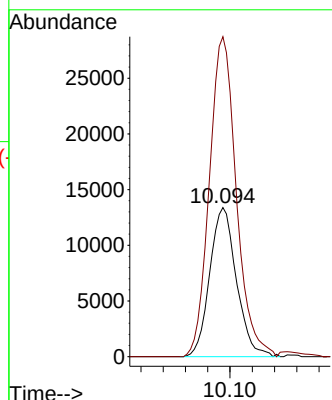
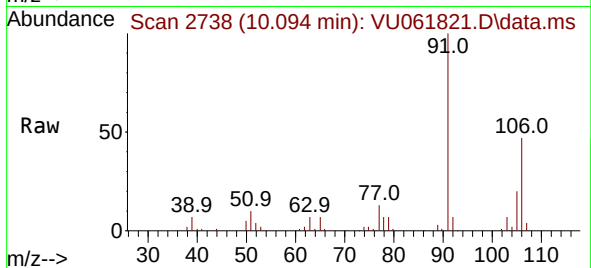
ClientSampleId :

Tgt Ion:106 Resp: 22291

Ion Ratio Lower Upper

106 100

91 214.7 151.3 280.9



#60

Isopropylbenzene

Concen: 0.211 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061821.D

Acq: 18 Nov 2024 18:33

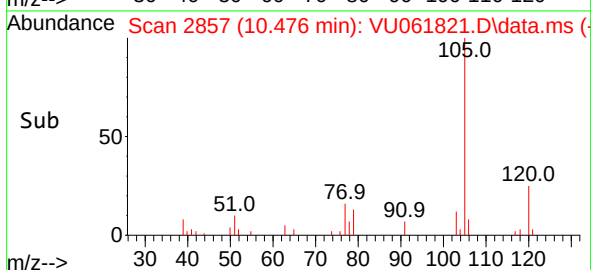
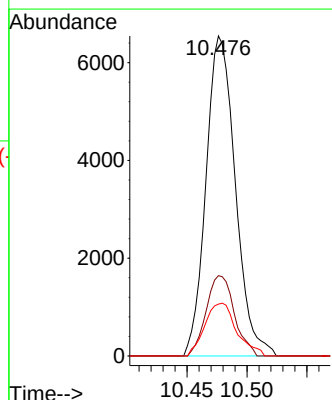
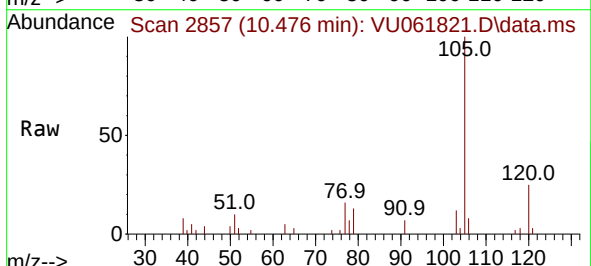
Tgt Ion:105 Resp: 11133

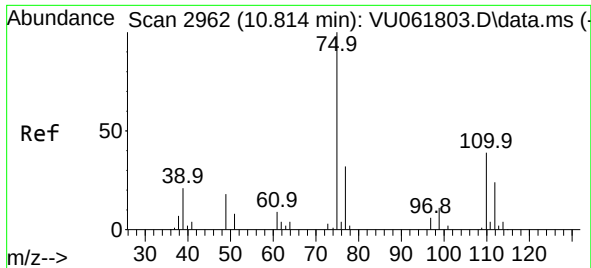
Ion Ratio Lower Upper

105 100

120 0.0 21.6 32.4#

77 17.9 12.8 19.2

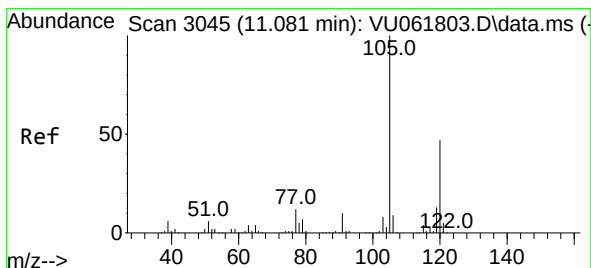
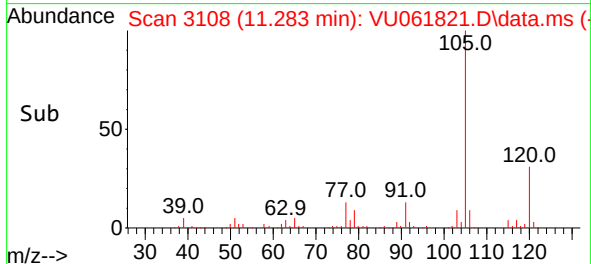
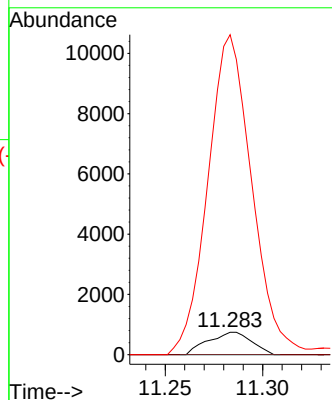
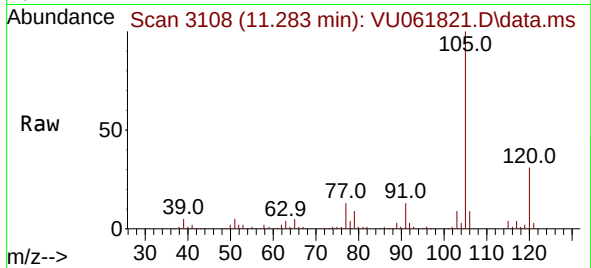




#61
 1,2,3-Trichloropropane
 Concen: 0.161 ug/L
 RT: 11.283 min Scan# 3108
 Delta R.T. 0.470 min
 Lab File: VU061821.D
 Acq: 18 Nov 2024 18:33

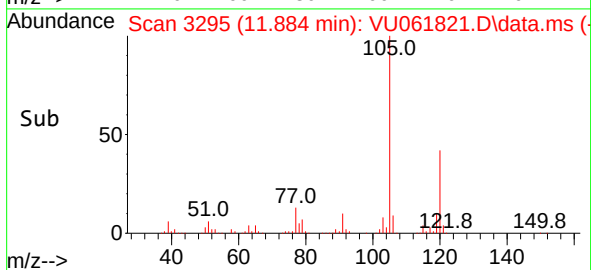
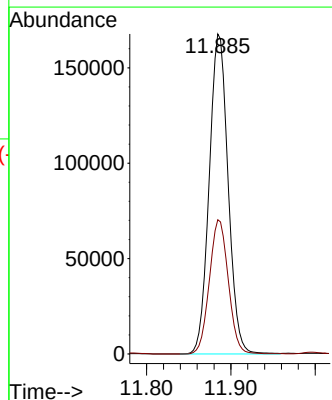
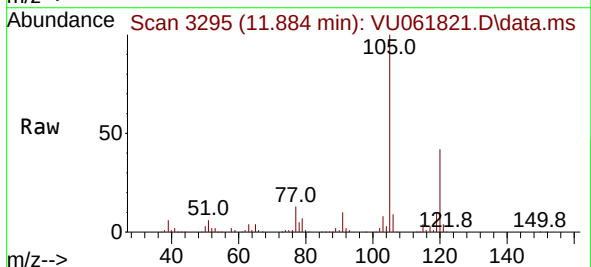
Instrument :
 MSVOA_U
 ClientSampleId :

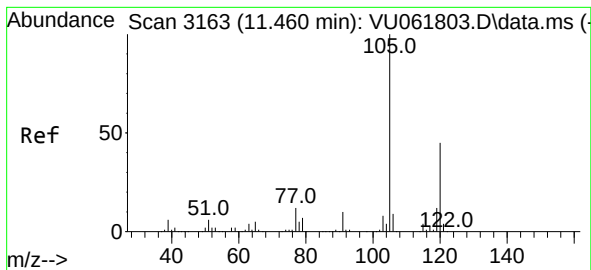
Tgt Ion: 75 Resp: 1155
 Ion Ratio Lower Upper
 75 100
 110 0.0 31.3 46.9#
 77 1442.3 26.0 39.0#



#62
 1,3,5-Trimethylbenzene
 Concen: 6.188 ug/L
 RT: 11.884 min Scan# 3295
 Delta R.T. 0.804 min
 Lab File: VU061821.D
 Acq: 18 Nov 2024 18:33

Tgt Ion: 105 Resp: 261398
 Ion Ratio Lower Upper
 105 100
 120 42.0 38.5 57.7

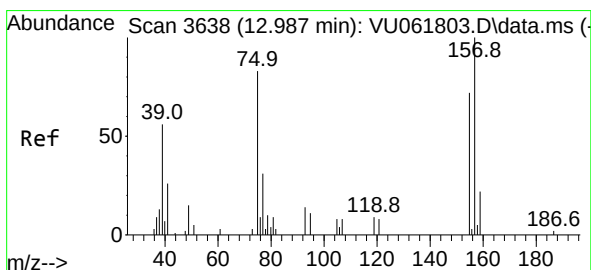
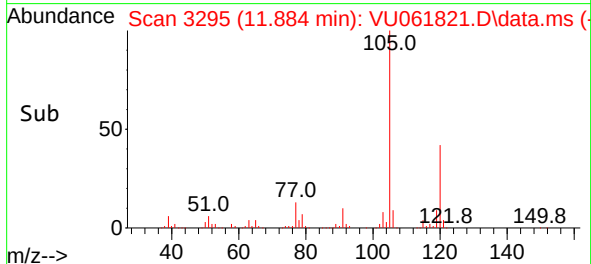
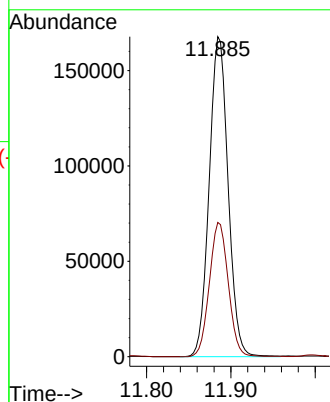
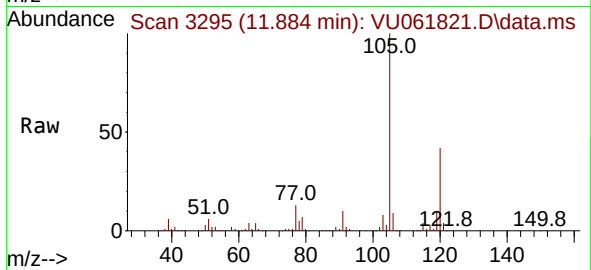




#63
1,2,4-Trimethylbenzene
Concen: 6.357 ug/L
RT: 11.884 min Scan# 3163
Delta R.T. 0.425 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 261398
Ion Ratio Lower Upper
105 100
120 42.0 36.3 54.5



#68
1,2-Dibromo-3-chloropropane
Concen: 0.286 ug/L
RT: 12.965 min Scan# 3631
Delta R.T. -0.022 min
Lab File: VU061821.D
Acq: 18 Nov 2024 18:33

Tgt Ion: 75 Resp: 358
Ion Ratio Lower Upper
75 100
155 0.0 62.6 93.8#
157 0.0 84.9 127.3#

