

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
 Data File : VU044641.D
 Acq On : 15 Sep 2021 13:57
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 12:12:30 PM

Quant Time: Sep 16 02:34:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 16 01:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	132802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	136824	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	65871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30600	3.905	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.919	69	34517	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.575	65	16480	4.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.645	46	160610m	48.896	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.800%
24) Chloroform-d	5.073	84	76274	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.710	65	46422	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.735	84	150612	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.700	67	51552	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.906	98	122650	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.185	79	16540	4.095	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.648	63	118330	45.587	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.180%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	46688	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	47513	4.371	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	1868	0.176	ug/L	99
3) Chloromethane	1.523	50	2607	0.205	ug/L	96
5) Vinyl chloride	1.607	62	2582	0.199	ug/L #	73
6) Bromomethane	1.864	94	1296	0.195	ug/L	99
8) Chloroethane	1.938	64	1985m	0.240	ug/L	
9) Trichlorofluoromethane	2.144	101	2903	0.199	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2188	0.244	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	1900	0.223	ug/L #	1
14) Carbon disulfide	2.800	76	4776	0.177	ug/L	97
15) Methyl Acetate	2.964	43	1254m	0.325	ug/L	
16) Methylene chloride	3.051	84	6644	0.490	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	4198	0.178	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	1522	0.168	ug/L	88
19) 1,1-Dichloroethane	3.880	63	3588	0.196	ug/L	95
21) 2-Butanone	4.735	43	6323m	1.770	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	1773	0.177	ug/L	94
23) Bromochloromethane	4.996	128	716m	0.169	ug/L	
25) Chloroform	5.099	83	8352	0.427	ug/L	98
27) 1,2-Dichloroethane	5.806	62	2582	0.202	ug/L #	92

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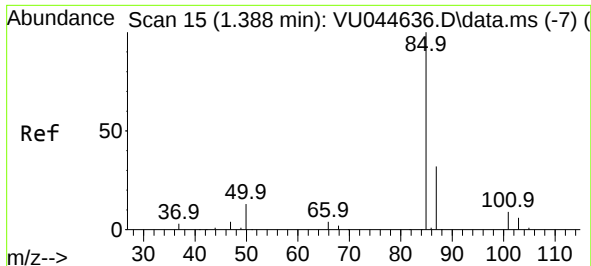
Manual Integrations
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Quant Time: Sep 16 02:34:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.321	97	2784	0.187	ug/L	97
30) Cyclohexane	5.401	56	2817	0.165	ug/L	89
31) Carbon tetrachloride	5.533	117	2086	0.179	ug/L	95
33) Benzene	5.784	78	8623	0.212	ug/L	100
34) Trichloroethene	6.549	95	1887	0.188	ug/L	96
35) Methylcyclohexane	6.771	83	2904	0.176	ug/L	98
37) 1,2-Dichloropropane	6.796	63	2204	0.203	ug/L #	88
38) Bromodichloromethane	7.111	83	2353	0.178	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	2596	0.168	ug/L	95
40) 4-Methyl-2-pentanone	7.806	43	13887	1.640	ug/L #	90
42) Toluene	7.976	91	8897	0.210	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	2258	0.172	ug/L	84
45) 1,1,2-Trichloroethane	8.410	97	1448	0.187	ug/L	90
47) Tetrachloroethene	8.562	164	1223	0.175	ug/L	95
48) 2-Hexanone	8.697	43	17225	2.732	ug/L #	88
49) Dibromochloromethane	8.816	129	1337	0.164	ug/L	91
50) 1,2-Dibromoethane	8.931	107	1232	0.169	ug/L #	100
51) Chlorobenzene	9.452	112	4872	0.185	ug/L	93
52) Ethylbenzene	9.578	91	8032	0.175	ug/L	93
53) m,p-Xylene	9.703	106	2742	0.157	ug/L	100
54) o-Xylene	10.105	106	2765	0.166	ug/L	85
55) Styrene	10.121	104	4513	0.155	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	1974	0.190	ug/L #	96
59) Bromoform	10.301	173	617	0.151	ug/L #	88
60) Isopropylbenzene	10.491	105	7238	0.176	ug/L	96
61) 1,2,3-Trichloropropane	10.832	75	1411	0.194	ug/L #	89
62) 1,3,5-Trimethylbenzene	11.095	105	5467	0.160	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	5641	0.160	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	3688	0.192	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	3677	0.185	ug/L	93
67) 1,2-Dichlorobenzene	12.217	146	3666	0.201	ug/L #	93
69) 1,3,5-Trichlorobenzene	13.224	180	2597	0.178	ug/L	95
70) 1,2,4-trichlorobenzene	13.848	180	1783	0.145	ug/L	95
71) Naphthalene	14.092	128	3093	0.129	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.336	180	1678	0.148	ug/L	92

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



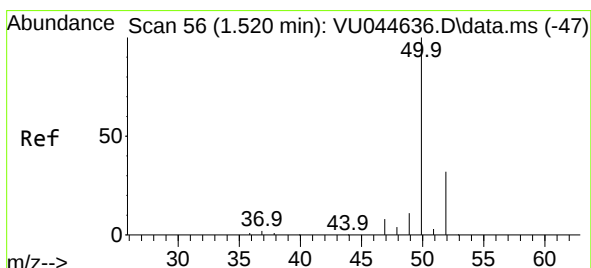
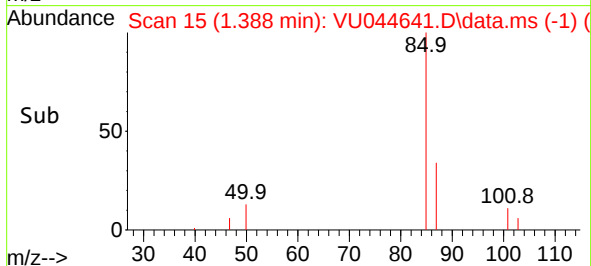
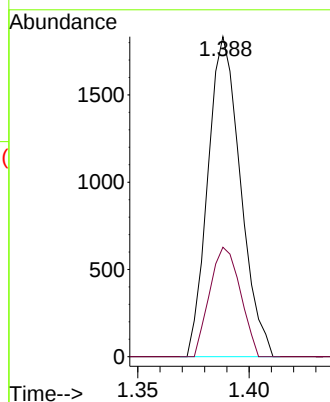
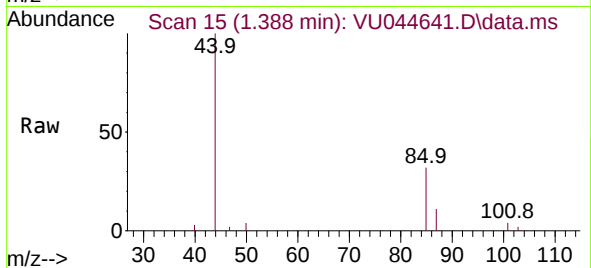
#2
Dichlorodifluoromethane
Concen: 0.176 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 85 Resp: 1868
Ion Ratio Lower Upper
85 100
87 32.1 26.0 39.0

Instrument :
MSVOA_U
ClientSampled :
MDL04

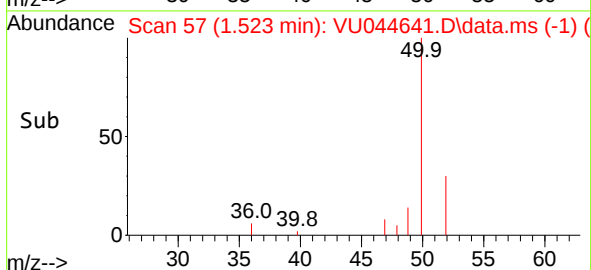
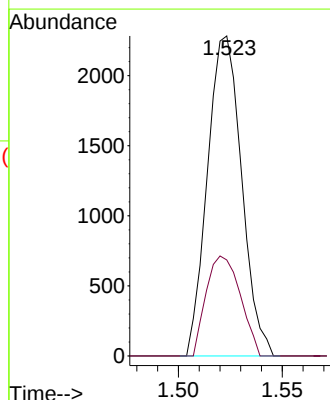
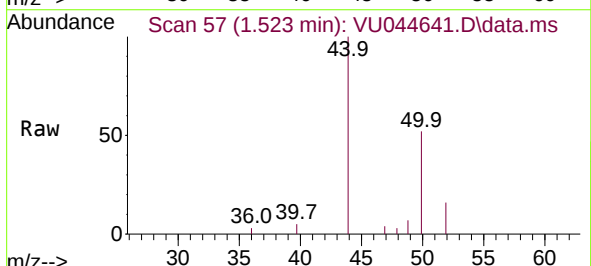
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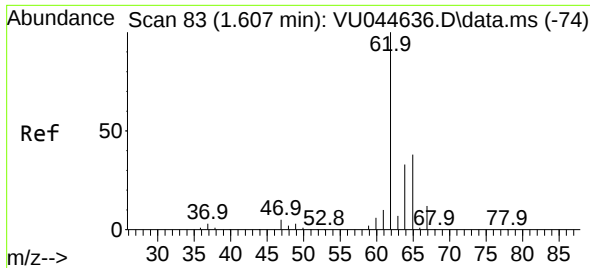
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#3
Chloromethane
Concen: 0.205 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

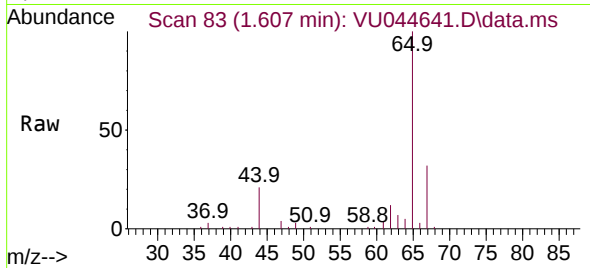
Tgt Ion: 50 Resp: 2607
Ion Ratio Lower Upper
50 100
52 30.0 22.6 42.0





#5
 Vinyl chloride
 Concen: 0.199 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

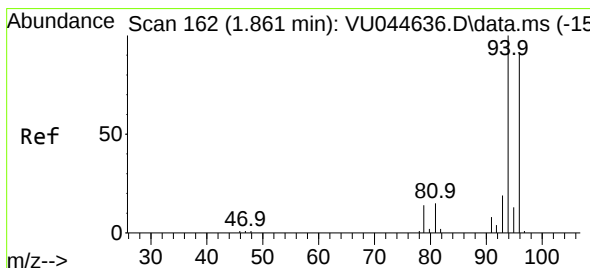
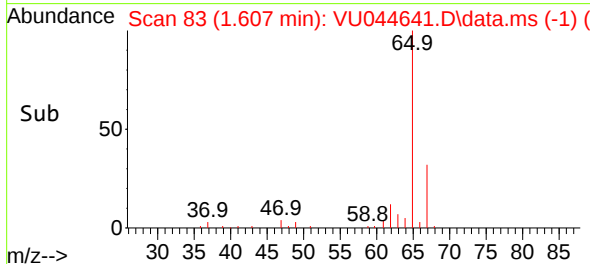
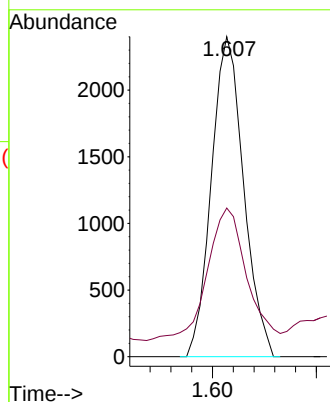
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



Tgt Ion: 62 Resp: 2582
 Ion Ratio Lower Upper
 62 100
 64 46.4 22.0 40.8#

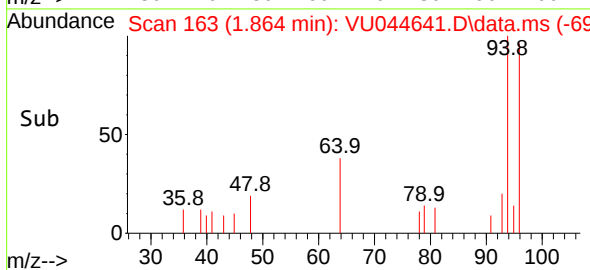
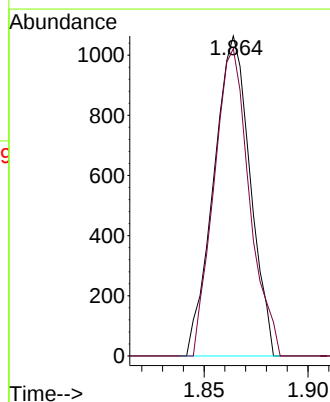
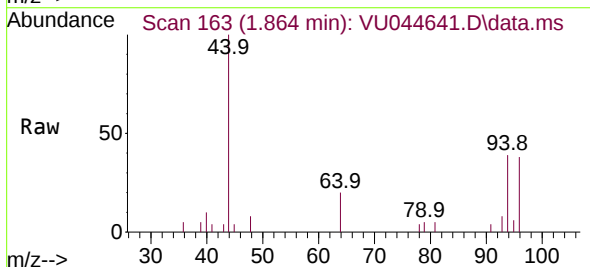
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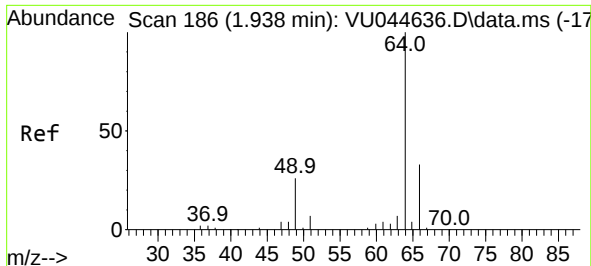
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#6
 Bromomethane
 Concen: 0.195 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

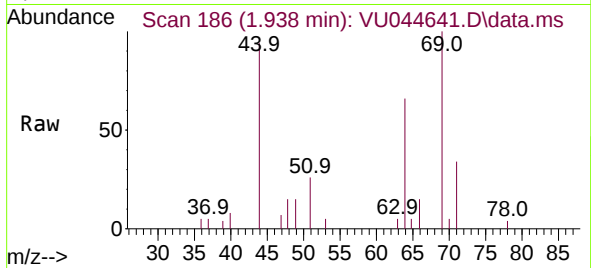
Tgt Ion: 94 Resp: 1296
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.4 123.4



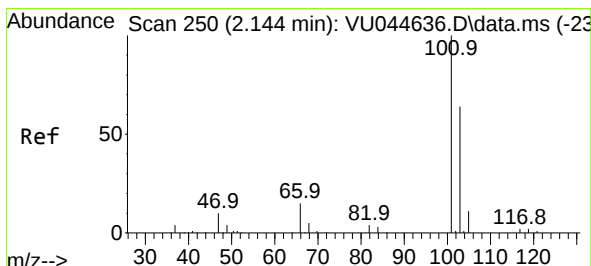
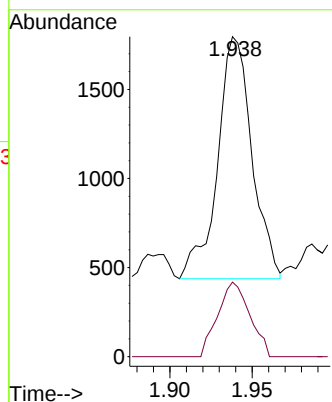
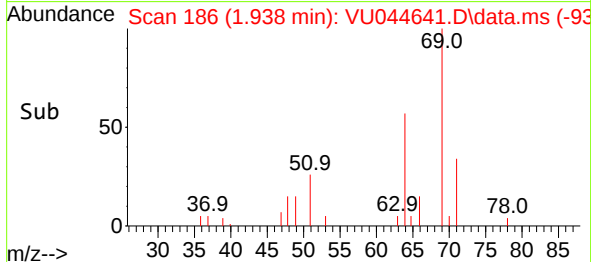


#8
Chloroethane
Concen: 0.240 ug/L m
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

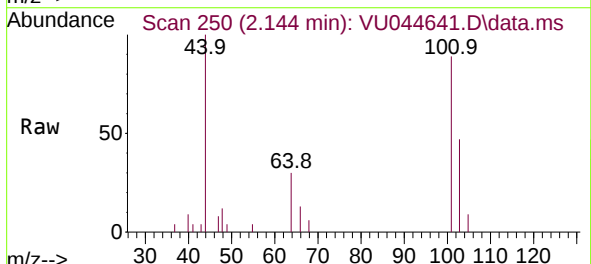
Instrument :
MSVOA_U
ClientSampleId :
MDL04



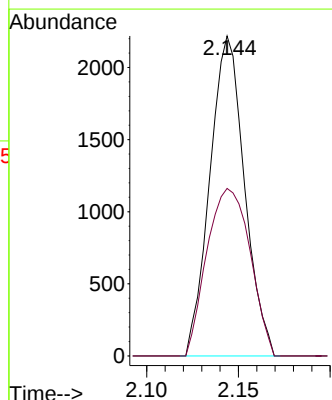
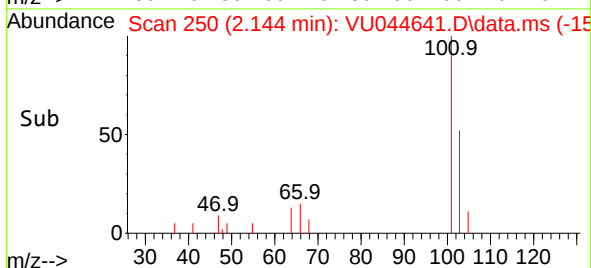
Tgt Ion: 64 Resp: 1985
Ion Ratio Lower Upper
64 100
66 23.3 22.1 41.1

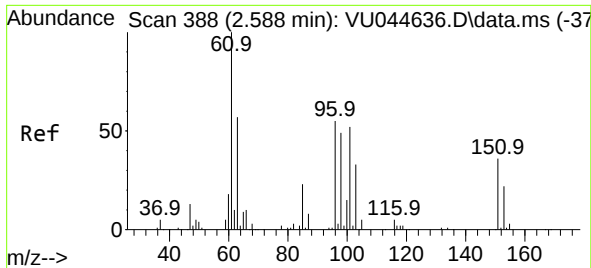


#9
Trichlorofluoromethane
Concen: 0.199 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



Tgt Ion: 101 Resp: 2903
Ion Ratio Lower Upper
101 100
103 65.5 51.2 76.8





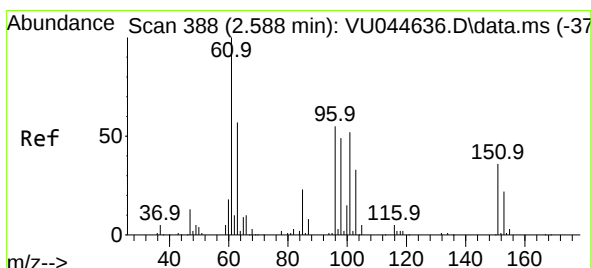
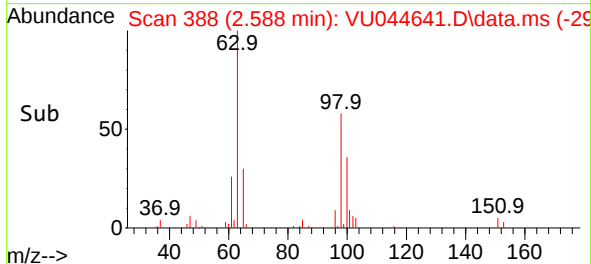
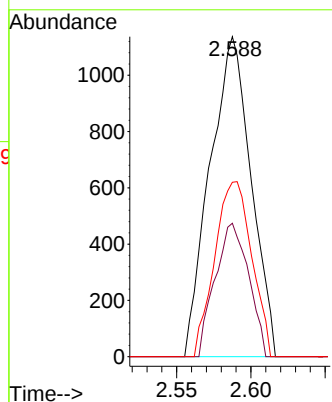
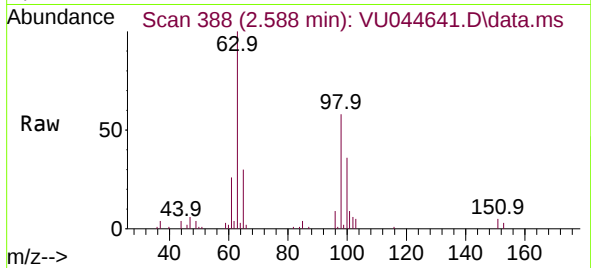
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.244 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

Instrument :
 MSVOA_U
 ClientSampled :
 MDL04

Tgt Ion:101 Resp: 2188
 Ion Ratio Lower Upper
 101 100
 85 34.0 35.4 53.2#
 151 49.3 53.9 80.9#

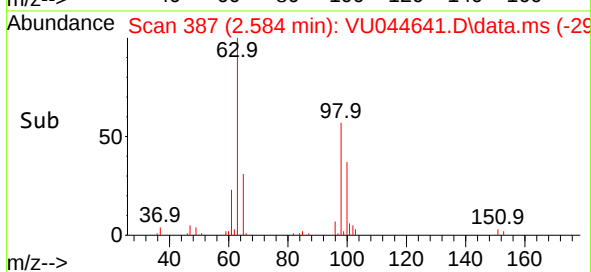
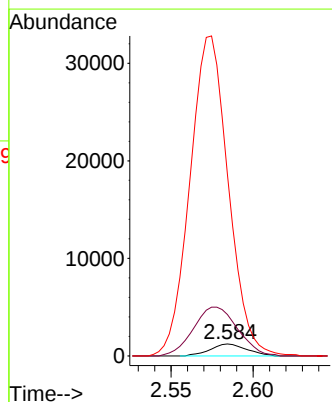
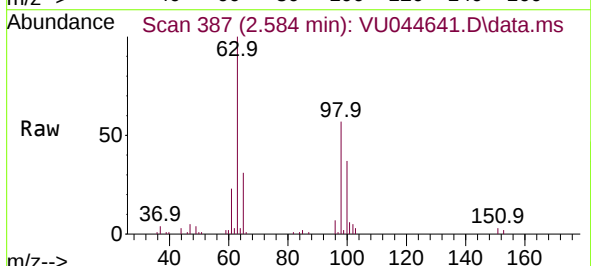
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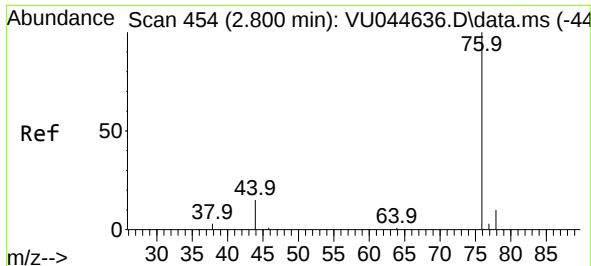
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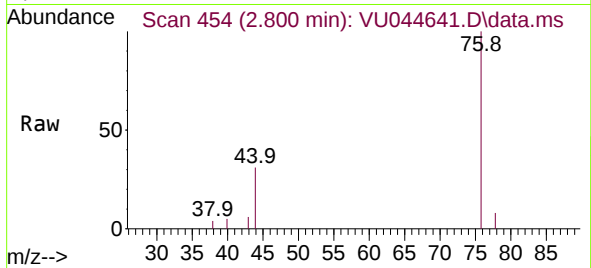
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 1,1-Dichloroethene
 Concen: 0.223 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU044641.D
 Acq: 15 Sep 2021 13:57

Tgt Ion: 96 Resp: 1900
 Ion Ratio Lower Upper
 96 100
 61 346.3 129.3 240.1#
 63 1516.6 91.3 169.5#

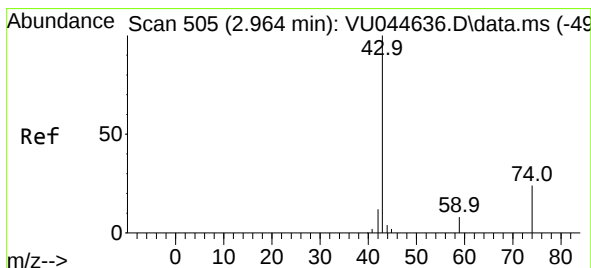
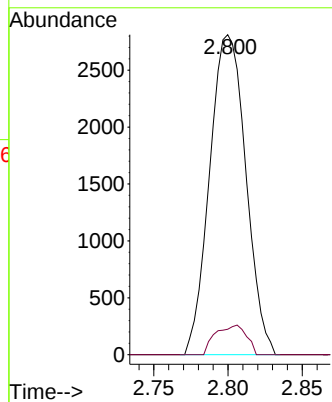
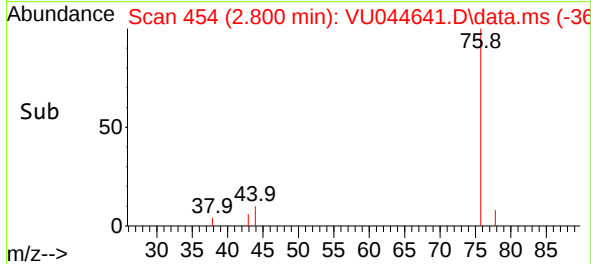




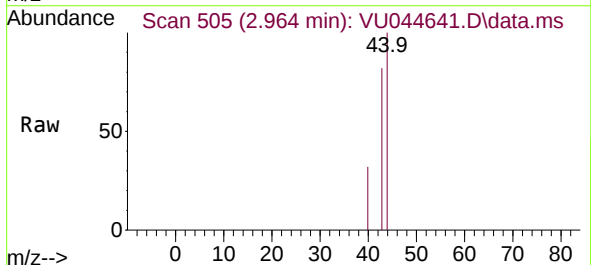
#14
Carbon disulfide
Concen: 0.177 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



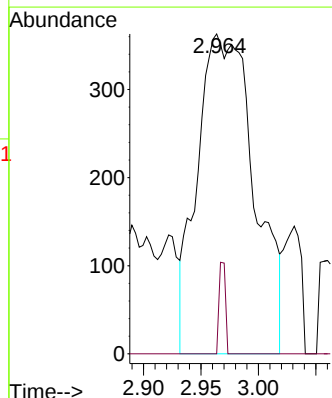
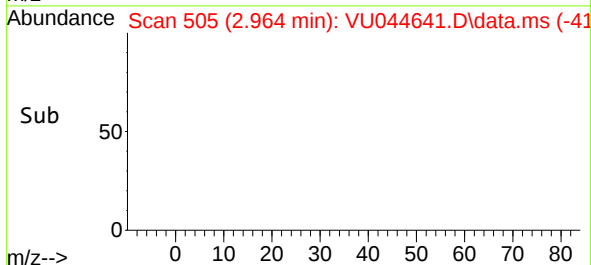
Tgt Ion: 76 Resp: 4776
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#15
Methyl Acetate
Concen: 0.325 ug/L m
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



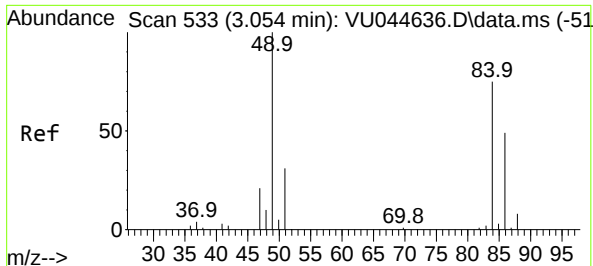
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Ion Ratio Lower Upper
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74 3.2 20.6 30.8#



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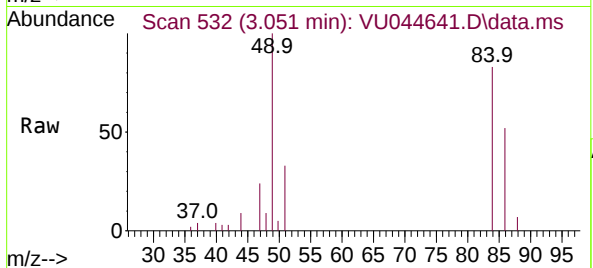
Manual Integrations
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9/16/2021 12:12:30 PM



#16
Methylene chloride
Concen: 0.490 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Instrument :
MSVOA_U
ClientSampleId :
MDL04

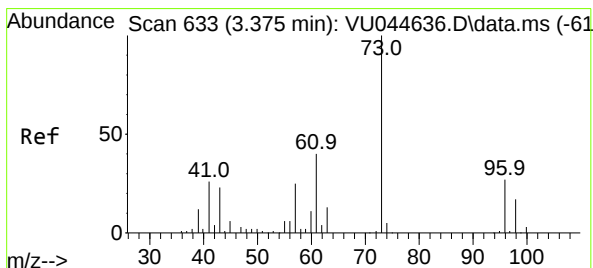
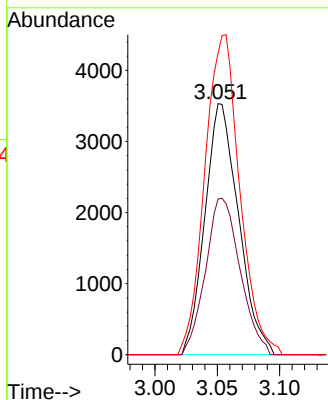
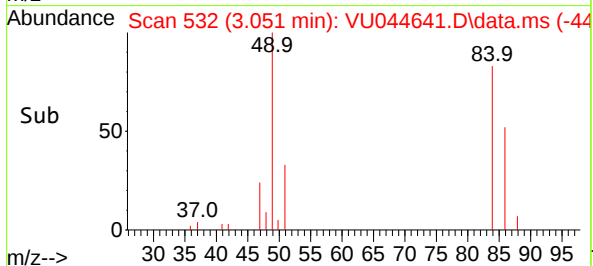


Tgt Ion: 84 Resp: 6644

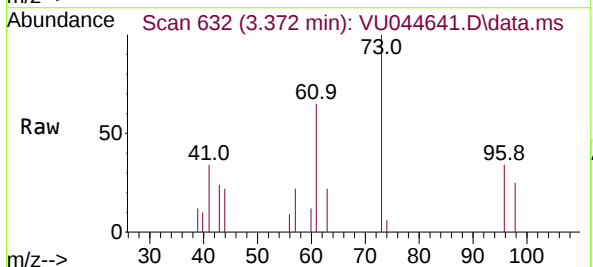
Ion	Ratio	Lower	Upper
84	100		
86	62.0	45.8	85.2
49	125.8	92.9	172.5

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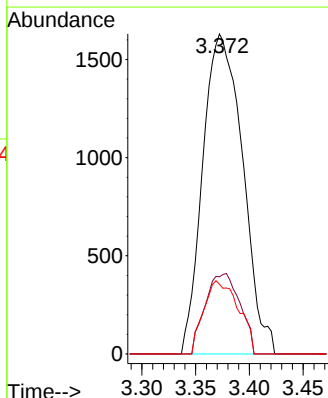
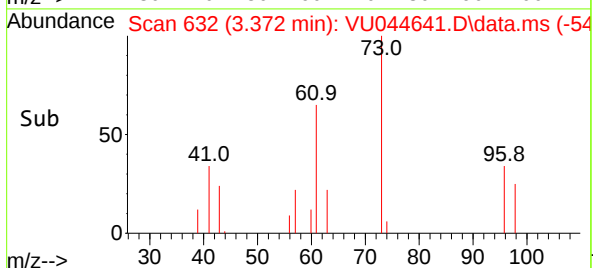


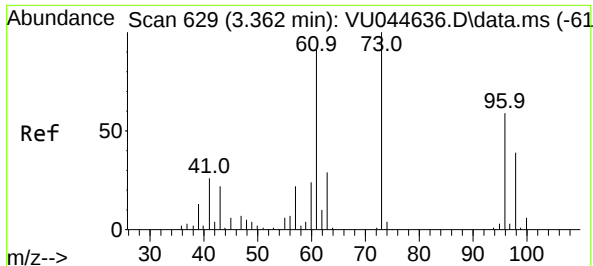
#17
Methyl tert-butyl Ether
Concen: 0.178 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



Tgt Ion: 73 Resp: 4198

Ion	Ratio	Lower	Upper
73	100		
43	21.9	17.8	26.6
57	19.9	18.6	27.8





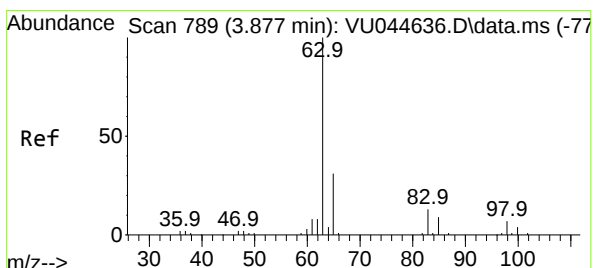
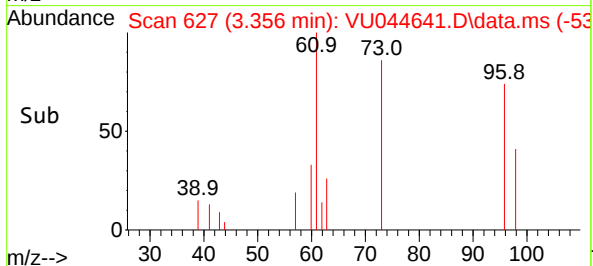
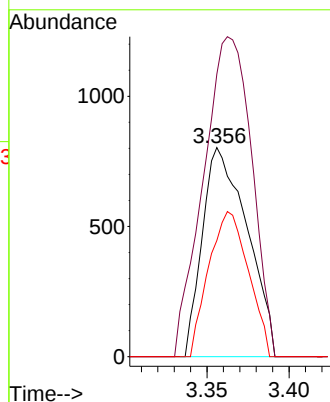
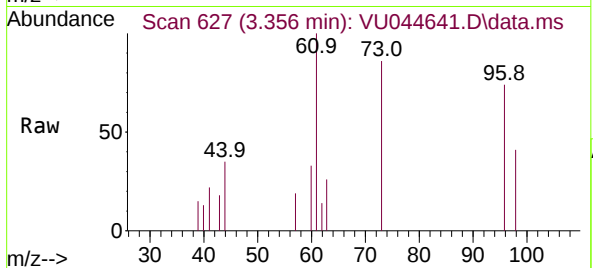
#18
trans-1,2-Dichloroethene
Concen: 0.168 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.007 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 96 Resp: 1522
Ion Ratio Lower Upper
96 100
61 135.1 107.2 199.0
98 55.5 42.8 79.6

Instrument :
MSVOA_U
ClientSampleId :
MDL04

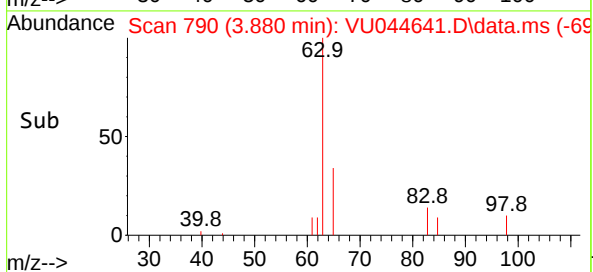
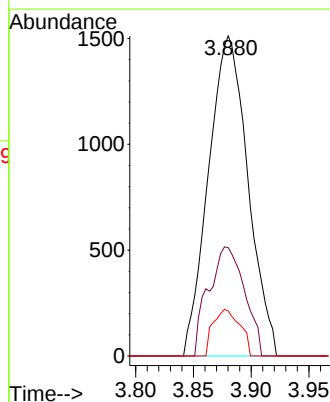
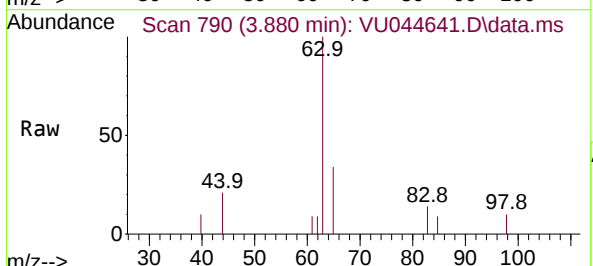
Manual Integrations
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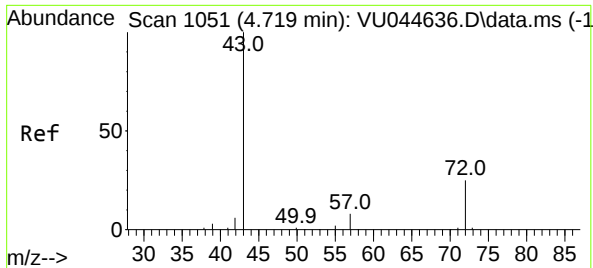
MMDadoda
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#19
1,1-Dichloroethane
Concen: 0.196 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 63 Resp: 3588
Ion Ratio Lower Upper
63 100
65 33.9 21.8 40.6
83 14.1 8.8 16.3





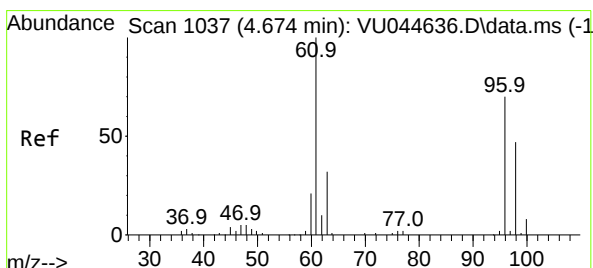
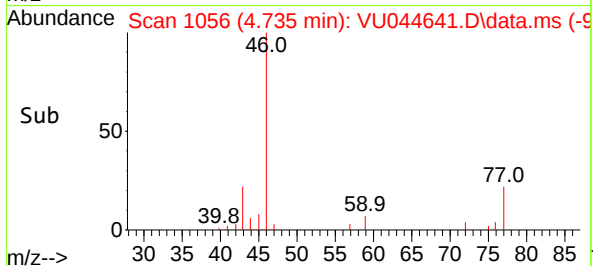
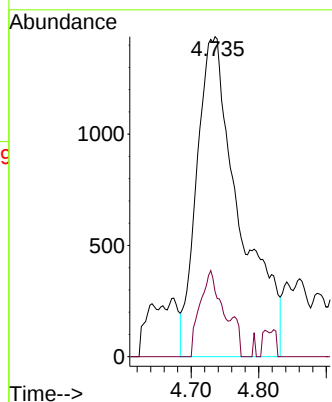
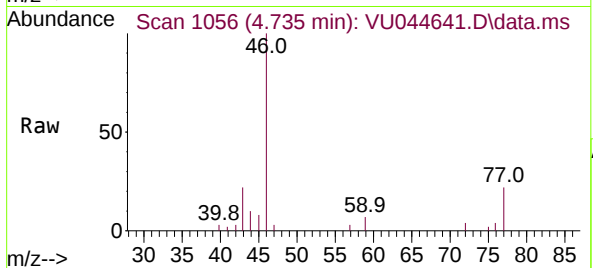
#21
2-Butanone
Concen: 1.770 ug/L m
RT: 4.735 min Scan# 1056
Delta R.T. 0.016 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 43 Resp: 6323
Ion Ratio Lower Upper
43 100
72 13.1 9.2 27.4

Instrument :
MSVOA_U
ClientSampled :
MDL04

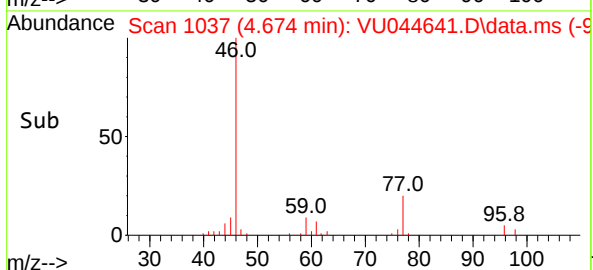
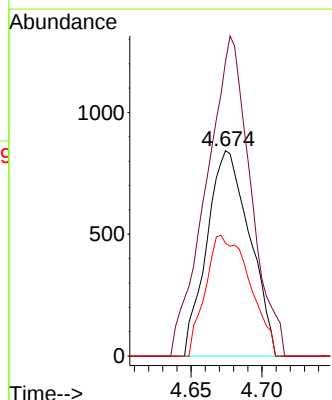
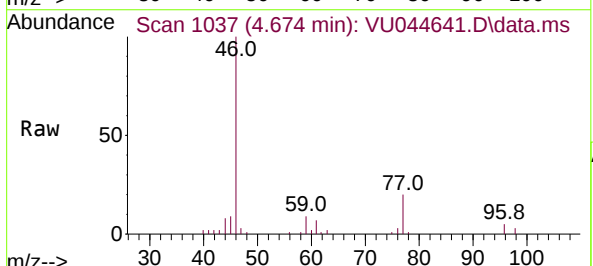
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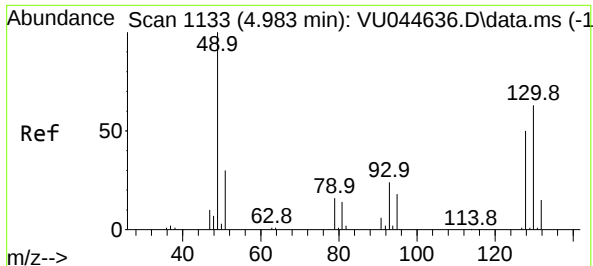
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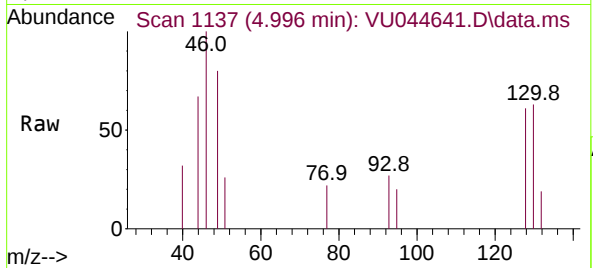
#22
cis-1,2-Dichloroethene
Concen: 0.177 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 96 Resp: 1773
Ion Ratio Lower Upper
96 100
61 143.4 96.9 179.9
98 54.9 43.5 80.7

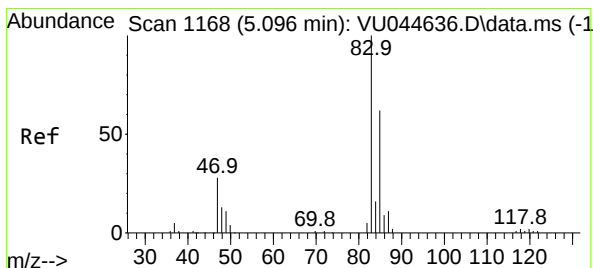
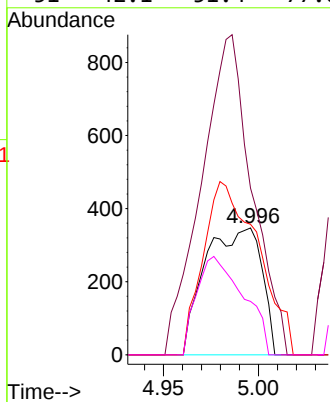
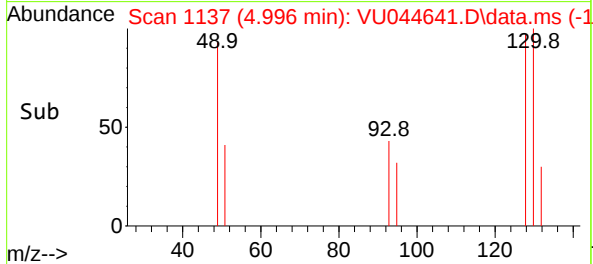




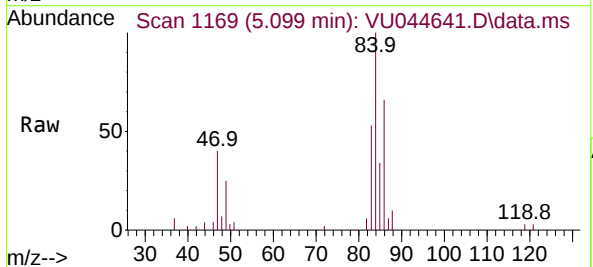
#23
Bromochloromethane
Concen: 0.169 ug/L m
RT: 4.996 min Scan# 1137
Delta R.T. 0.013 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



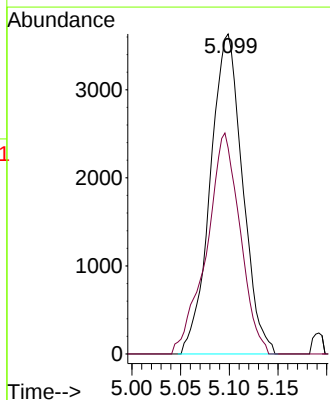
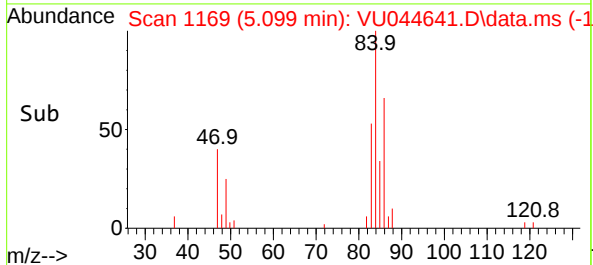
Tgt Ion:128 Resp: 716
Ion Ratio Lower Upper
128 100
49 131.4 141.4 262.6#
130 102.9 94.3 175.1
51 42.1 51.4 77.0#



#25
Chloroform
Concen: 0.427 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



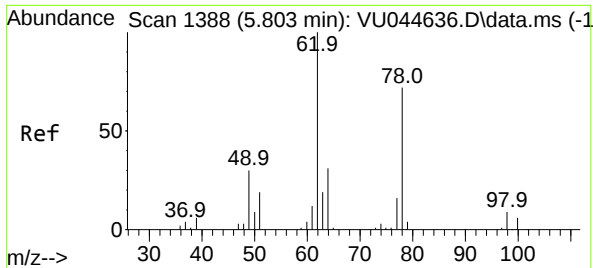
Tgt Ion: 83 Resp: 8352
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.0



Instrument :
MSVOA_U
ClientSampled :
MDL04

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#27

1,2-Dichloroethane

Concen: 0.202 ug/L

RT: 5.806 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion: 62 Resp: 2582

Ion Ratio Lower Upper

62 100

98 11.2 6.6 10.0#

Instrument :

MSVOA_U

ClientSampled :

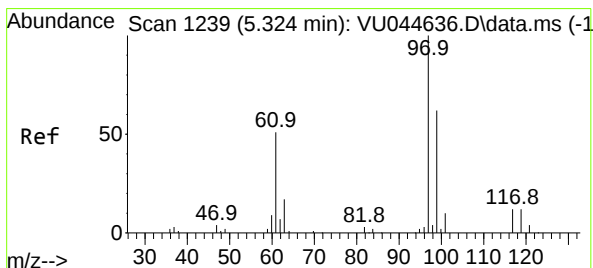
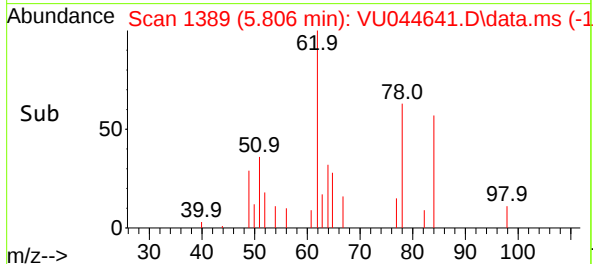
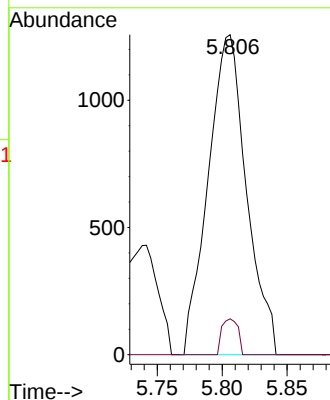
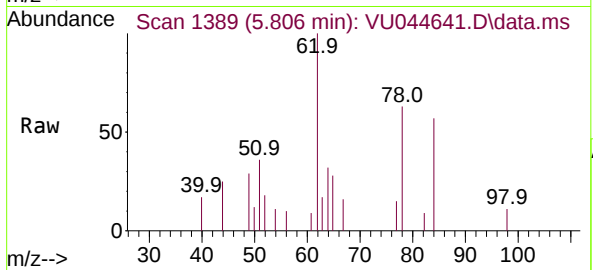
MDL04

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#29

1,1,1-Trichloroethane

Concen: 0.187 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

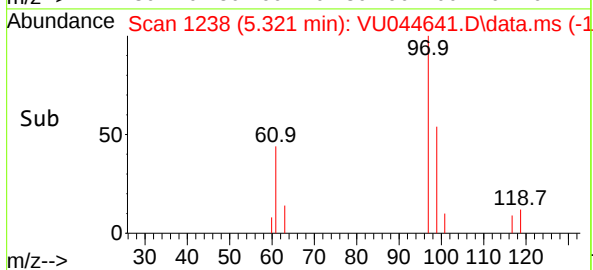
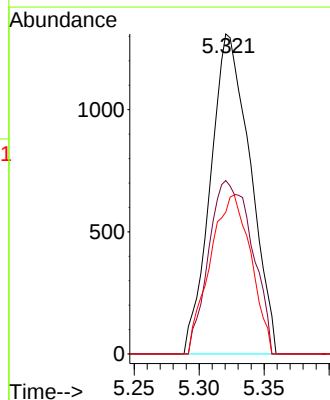
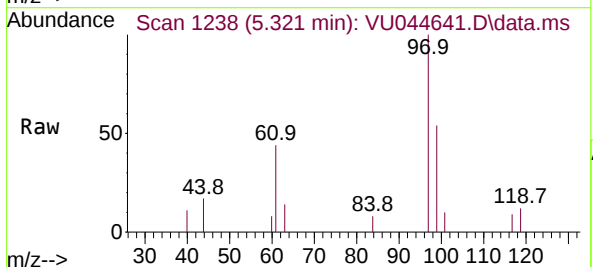
Tgt Ion: 97 Resp: 2784

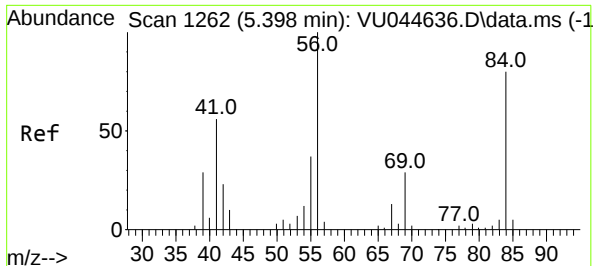
Ion Ratio Lower Upper

97 100

99 59.2 50.7 76.1

61 51.1 40.6 60.8





#30

Cyclohexane

Concen: 0.165 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.003 min

Lab File: VU044641.D

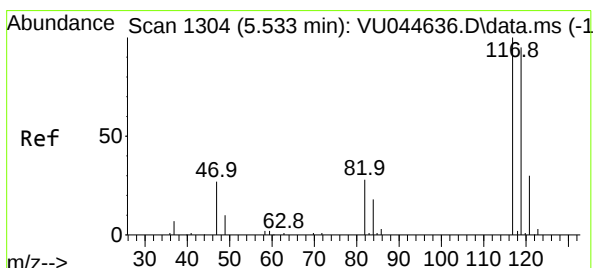
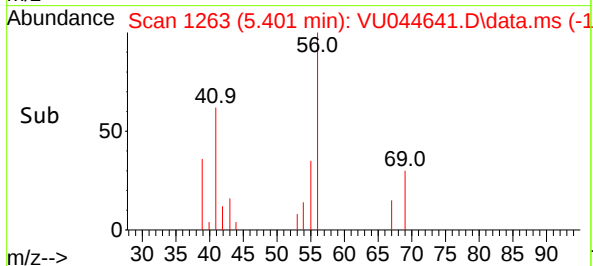
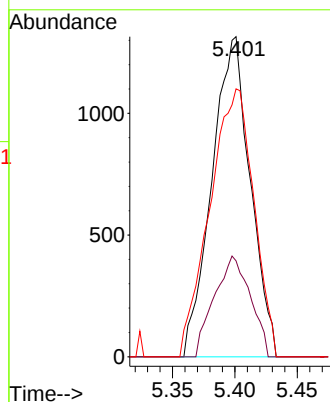
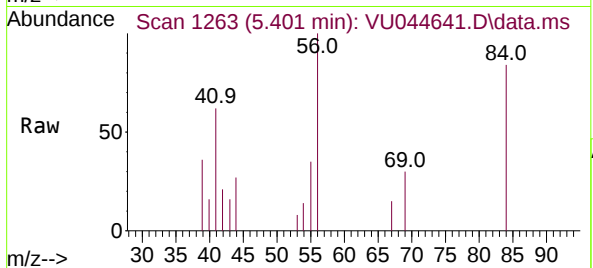
Acq: 15 Sep 2021 13:57

Tgt Ion:	56	Resp:	2817
Ion Ratio	Lower	Upper	
56	100		
69	29.5	23.4	35.2
84	95.7	65.5	98.3

Instrument :
MSVOA_U
ClientSampled :
MDL04

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#31

Carbon tetrachloride

Concen: 0.179 ug/L

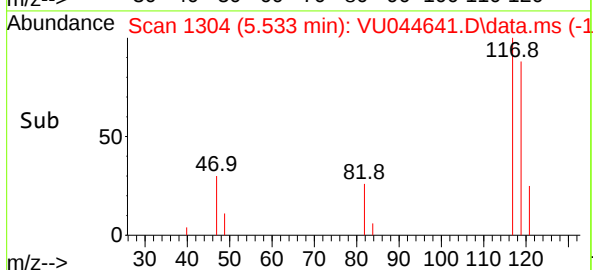
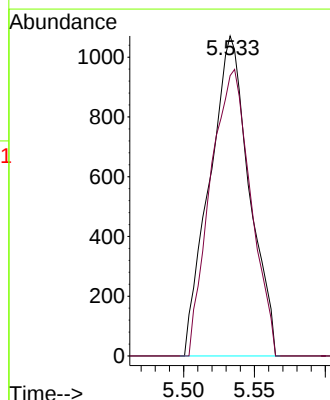
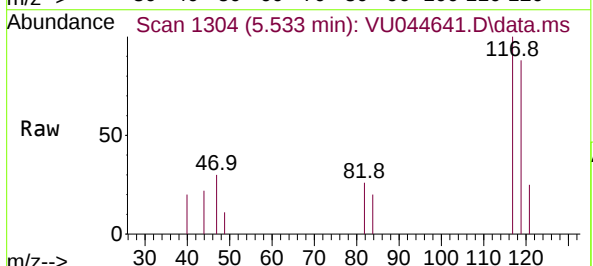
RT: 5.533 min Scan# 1304

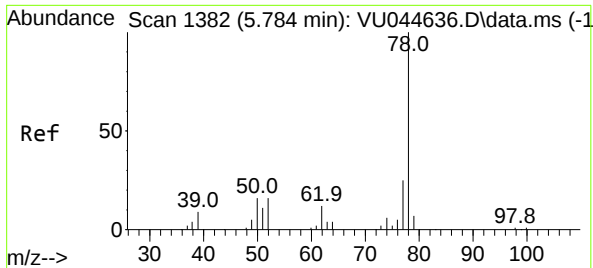
Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion:	117	Resp:	2086
Ion Ratio	Lower	Upper	
117	100		
119	90.9	76.4	114.6





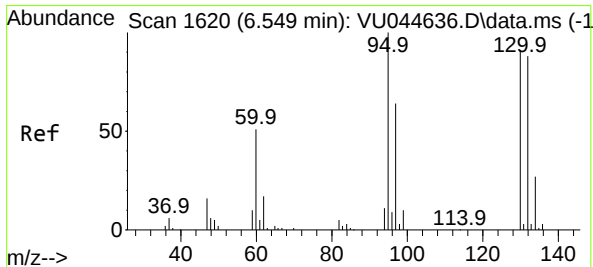
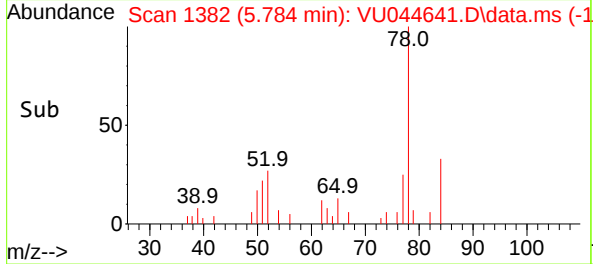
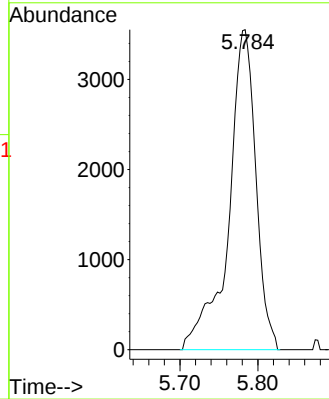
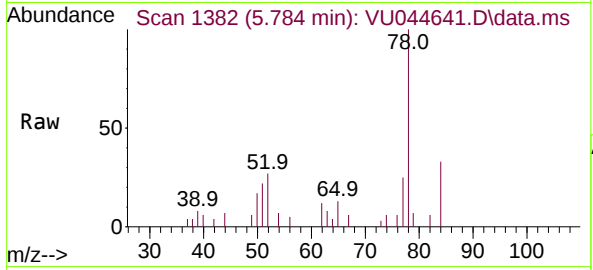
#33
Benzene
Concen: 0.212 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 78 Resp: 8623

Instrument :
MSVOA_U
ClientSampleId :
MDL04

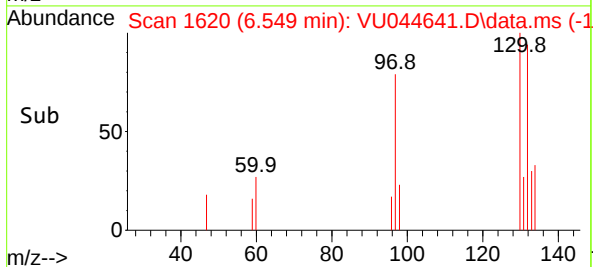
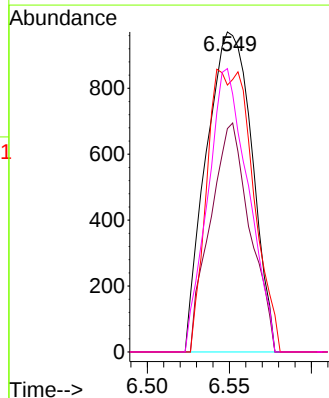
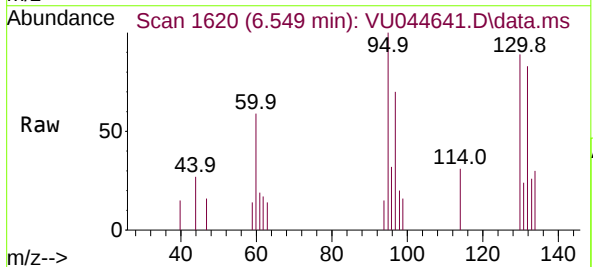
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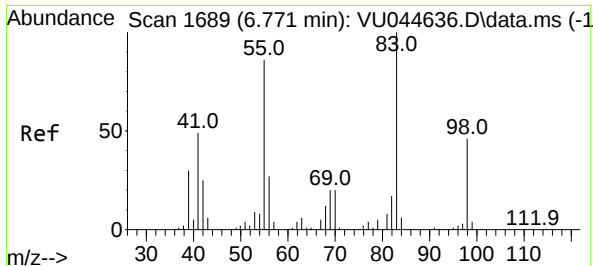
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#34
Trichloroethene
Concen: 0.188 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

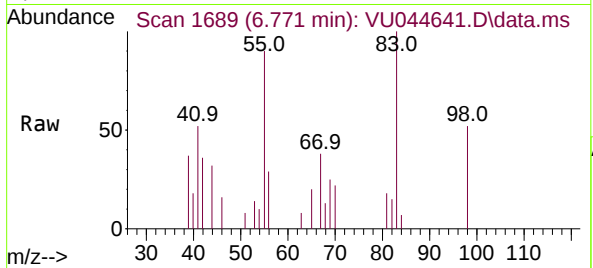
Tgt Ion: 95 Resp: 1887
Ion Ratio Lower Upper
95 100
97 69.8 44.7 82.9
132 83.4 60.3 111.9
130 88.6 63.7 118.3





#35
Methylcyclohexane
Concen: 0.176 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

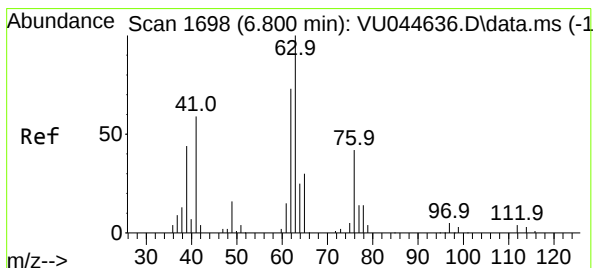
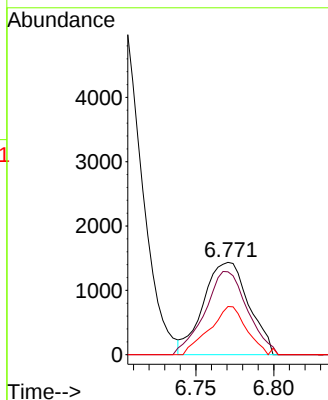
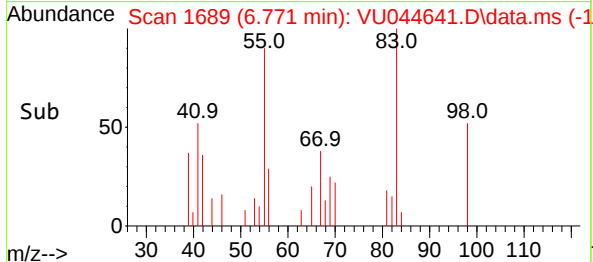
Instrument :
MSVOA_U
ClientSampleId :
MDL04



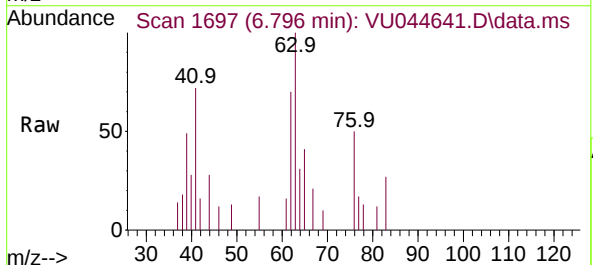
Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.6	68.3	102.5
98	43.0	37.3	55.9

Manual Integrations
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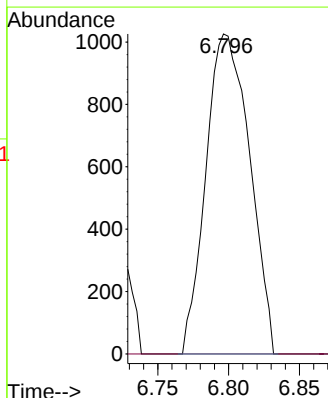
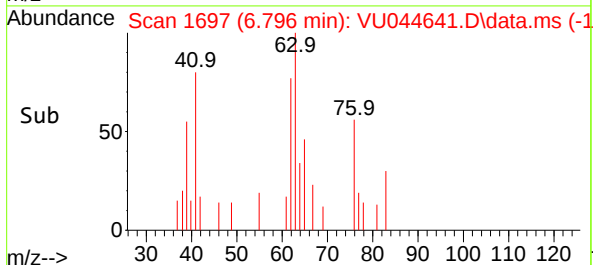
MMDadoda
9/16/2021 12:12:30 PM

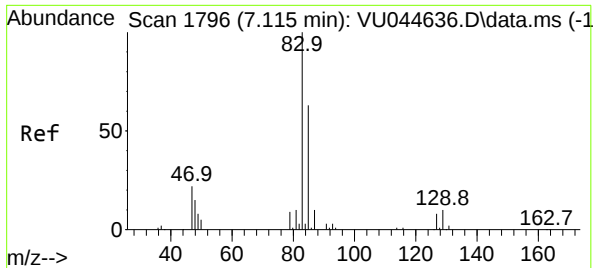


#37
1,2-Dichloropropane
Concen: 0.203 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



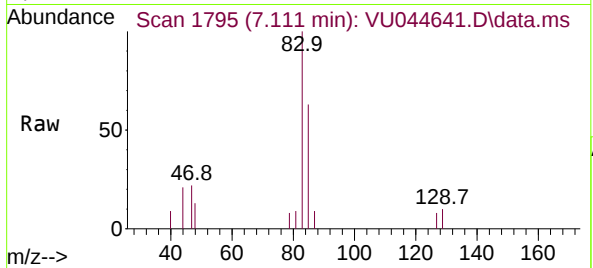
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#





#38
Bromodichloromethane
Concen: 0.178 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

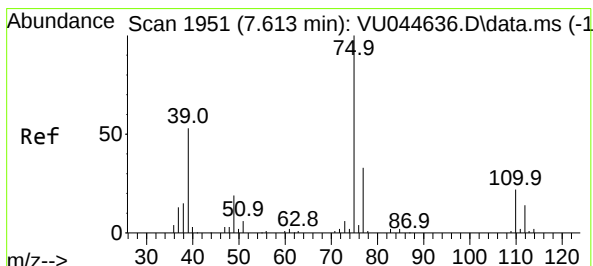
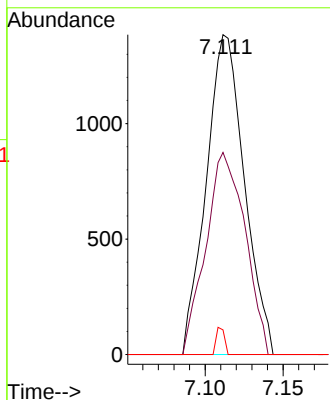
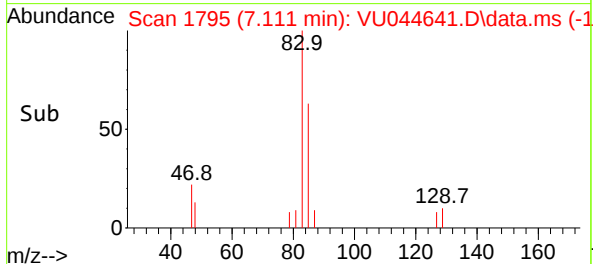
Instrument :
MSVOA_U
ClientSampleId :
MDL04



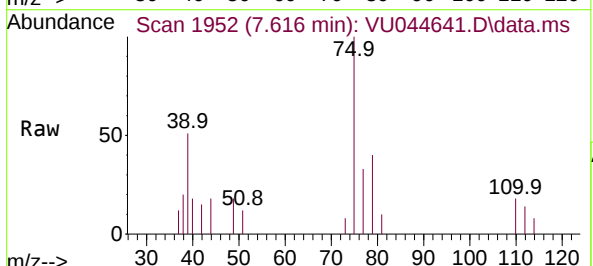
Tgt Ion: 83 Resp: 2353
Ion Ratio Lower Upper
83 100
85 63.2 46.3 86.1
127 7.7 6.0 9.0

Manual Integrations
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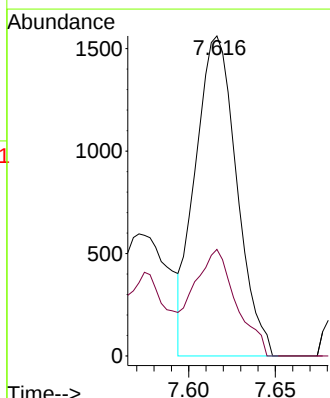
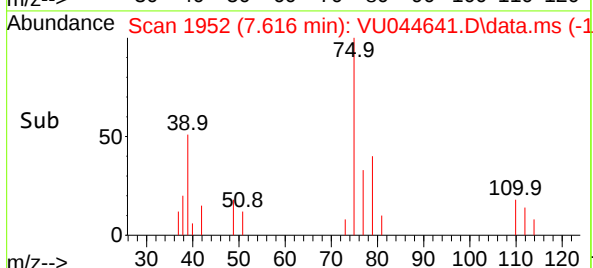
MMDadoda
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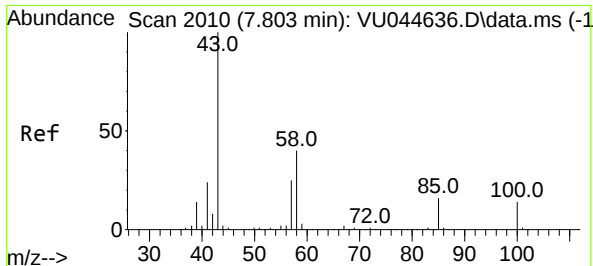


#39
cis-1,3-Dichloropropene
Concen: 0.168 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



Tgt Ion: 75 Resp: 2596
Ion Ratio Lower Upper
75 100
77 33.3 21.5 39.9





#40

4-Methyl-2-pentanone

Concen: 1.640 ug/L

RT: 7.806 min Scan# 2011

Delta R.T. 0.003 min

Lab File: VU044641.D

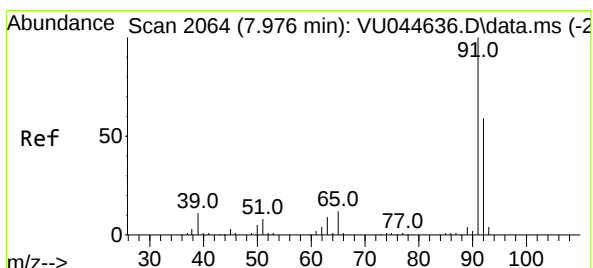
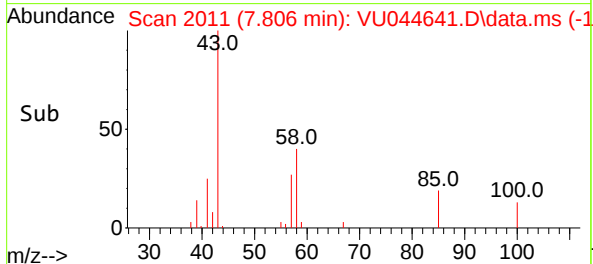
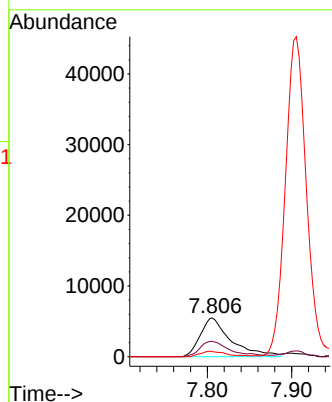
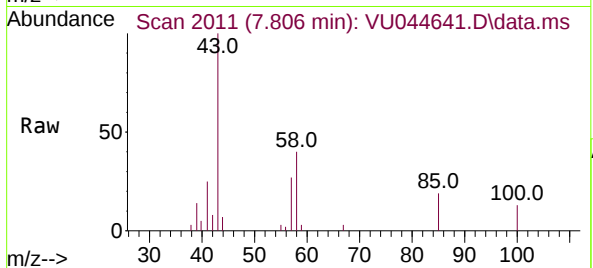
Acq: 15 Sep 2021 13:57

Tgt Ion:	43	Resp:	13887
Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
100	0.0	11.4	17.0#

Instrument :
MSVOA_U
ClientSampled :
MDL04

Manual Integrations
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#42

Toluene

Concen: 0.210 ug/L

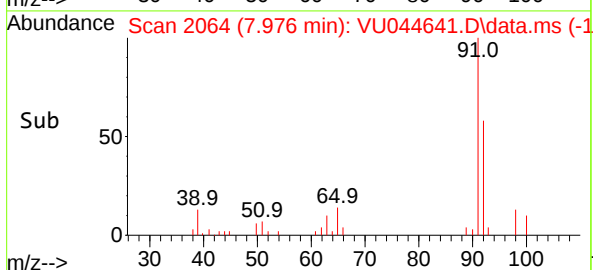
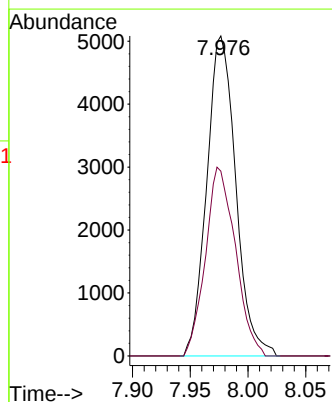
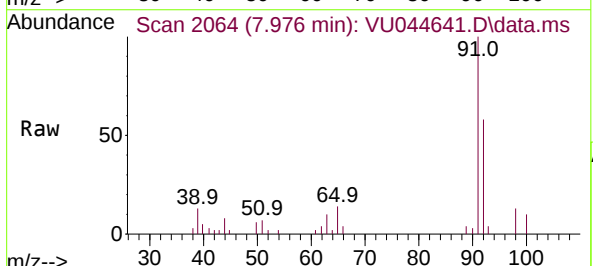
RT: 7.976 min Scan# 2064

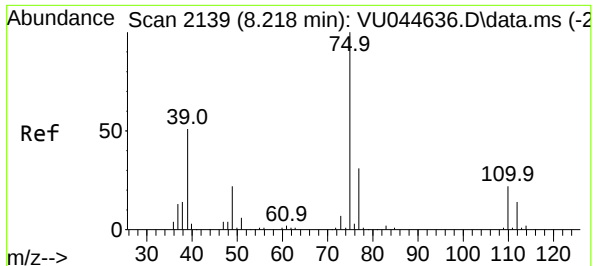
Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion:	91	Resp:	8897
Ion	Ratio	Lower	Upper
91	100		
92	57.7	41.1	76.3





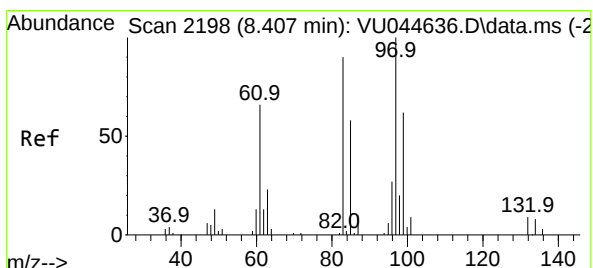
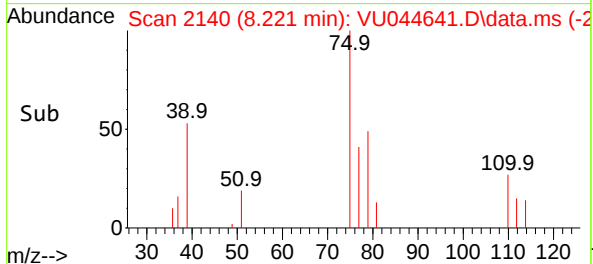
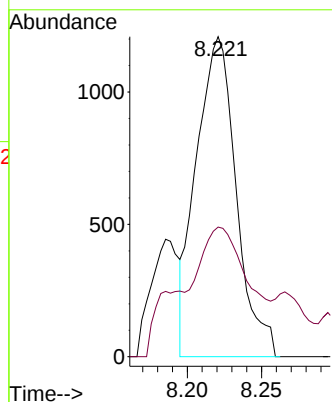
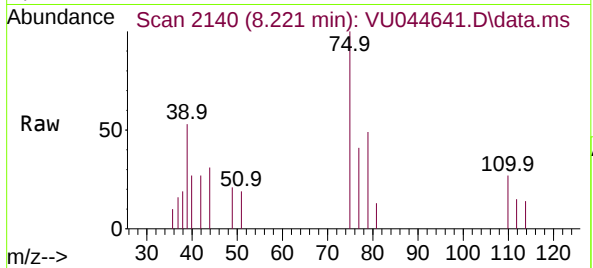
#44
trans-1,3-Dichloropropene
Concen: 0.172 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Instrument :
MSVOA_U
ClientSampled :
MDL04

Tgt Ion: 75 Resp: 2258
Ion Ratio Lower Upper
75 100
77 40.5 22.0 41.0

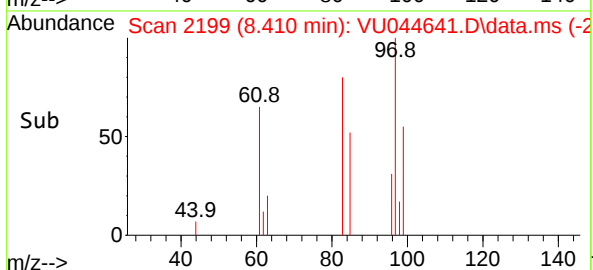
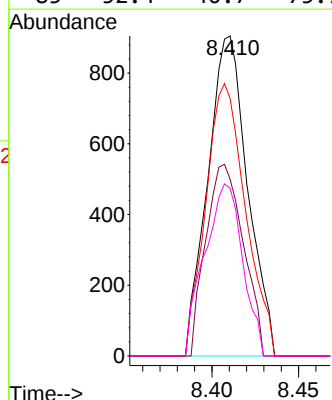
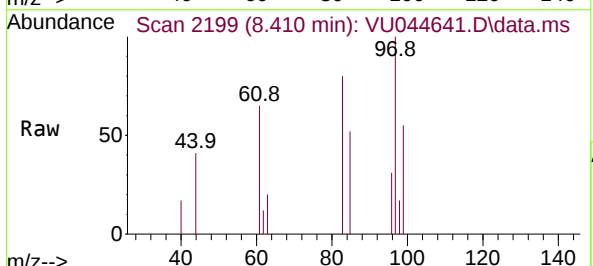
Manual Integrations
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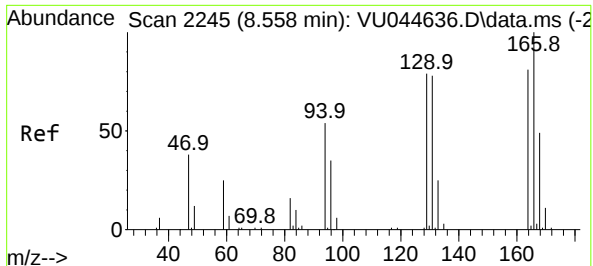
MMDadoda
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#45
1,1,2-Trichloroethane
Concen: 0.187 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

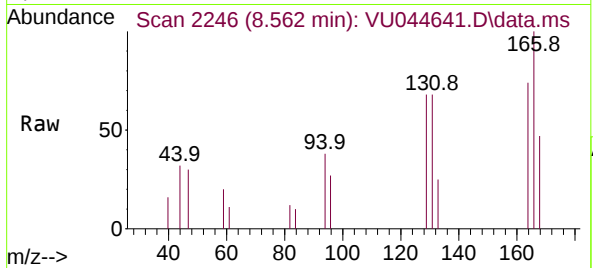
Tgt Ion: 97 Resp: 1448
Ion Ratio Lower Upper
97 100
99 55.1 44.8 83.2
83 80.4 63.6 118.0
85 52.4 40.7 75.7





#47
Tetrachloroethene
Concen: 0.175 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

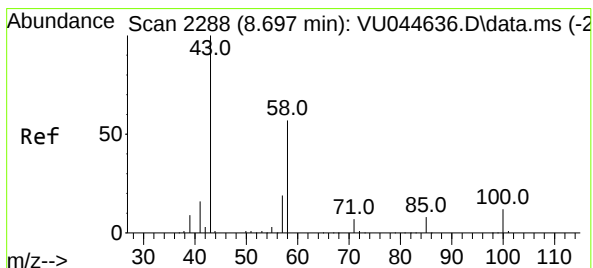
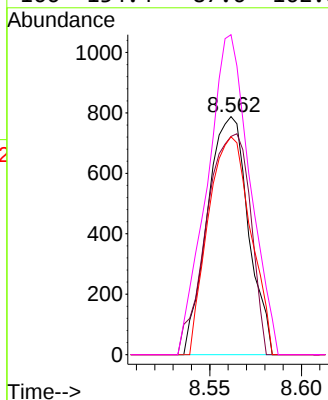
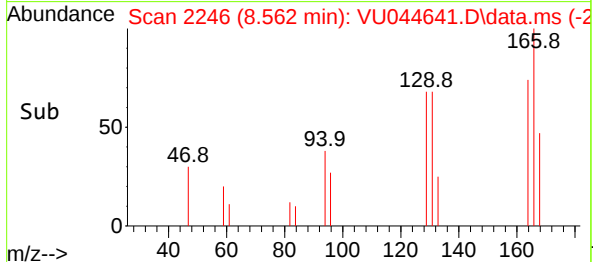
Instrument :
MSVOA_U
ClientSampled :
MDL04



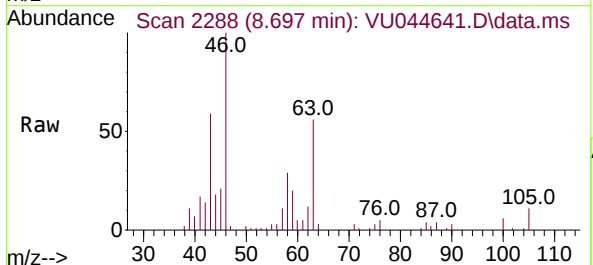
Tgt Ion:164 Resp: 1223
Ion Ratio Lower Upper
164 100
129 91.6 67.0 124.4
131 91.5 65.2 121.0
166 134.4 87.6 162.8

Manual Integrations
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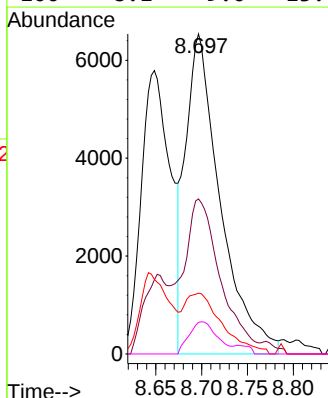
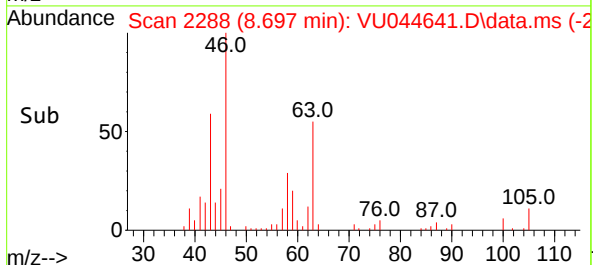
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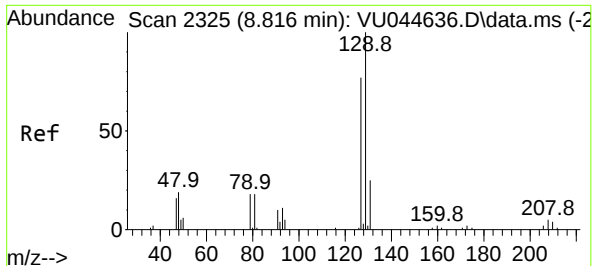


#48
2-Hexanone
Concen: 2.732 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



Tgt Ion: 43 Resp: 17225
Ion Ratio Lower Upper
43 100
58 44.7 44.6 66.8
57 21.1 14.8 22.2
100 8.1 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.164 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

Tgt Ion:129 Resp: 1337

Ion Ratio Lower Upper

129 100

127 68.4 53.3 99.1

Instrument :

MSVOA_U

ClientSampled :

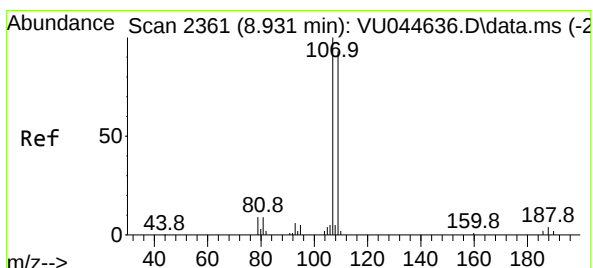
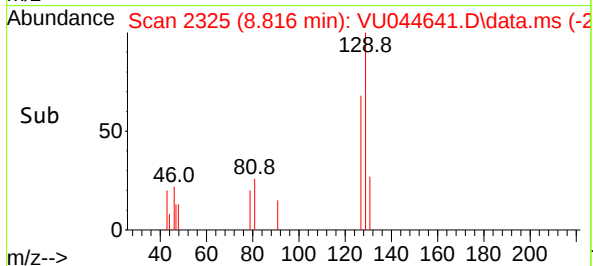
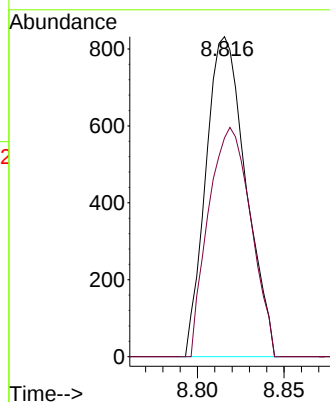
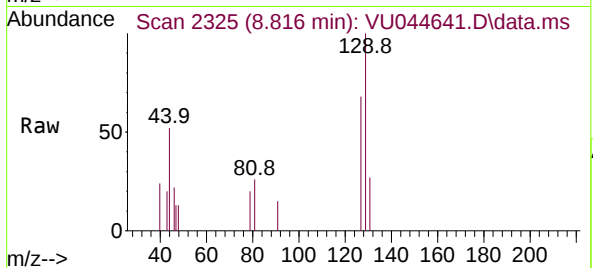
MDL04

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#50

1,2-Dibromoethane

Concen: 0.169 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU044641.D

Acq: 15 Sep 2021 13:57

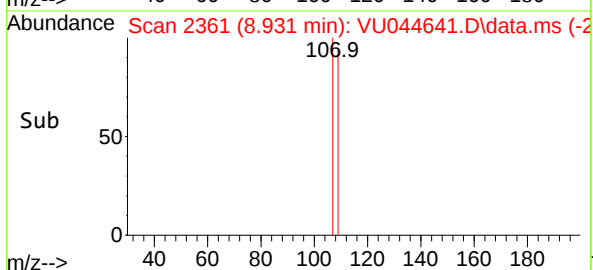
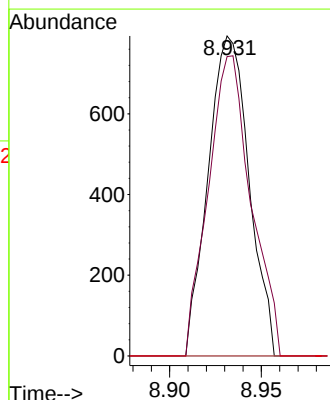
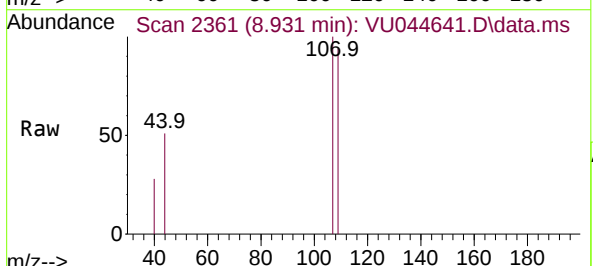
Tgt Ion:107 Resp: 1232

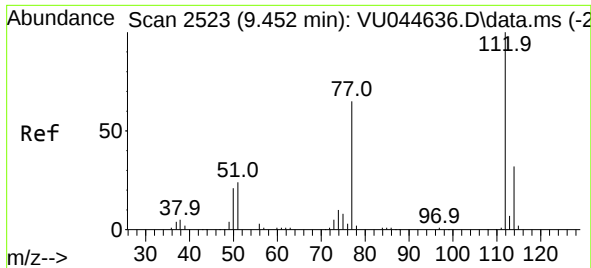
Ion Ratio Lower Upper

107 100

109 93.6 65.5 121.7

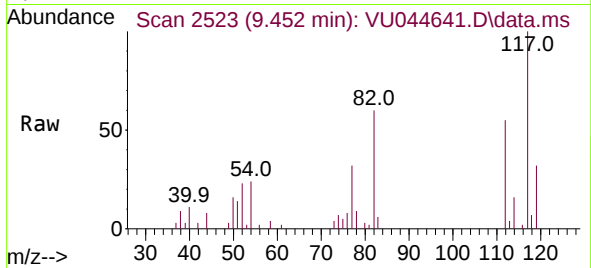
188 0.0 3.0 4.4#





#51
Chlorobenzene
Concen: 0.185 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

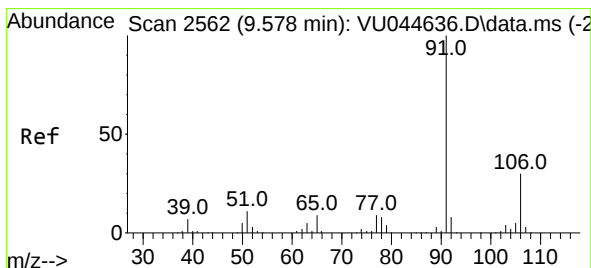
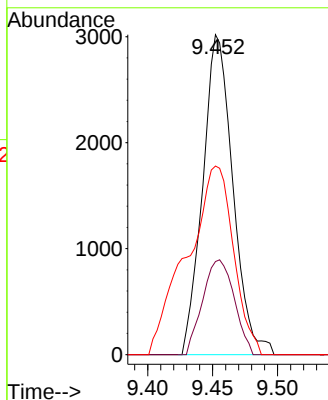
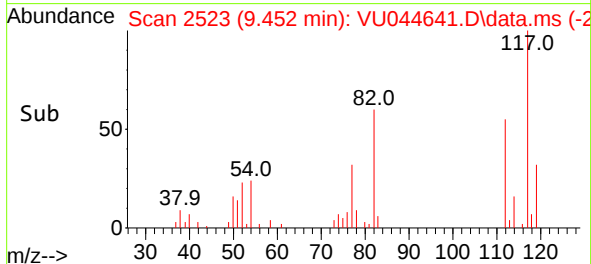
Instrument :
MSVOA_U
ClientSampled :
MDL04



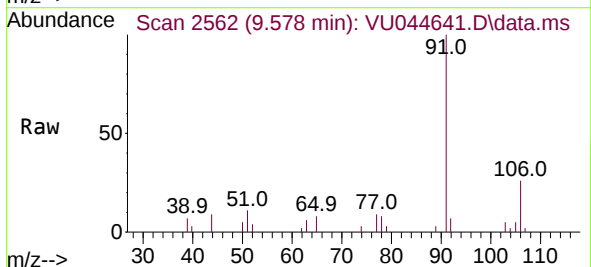
Tgt Ion: 112 Resp: 4872
Ion Ratio Lower Upper
112 100
114 29.1 22.8 42.4
77 59.0 51.4 77.0

Manual Integrations
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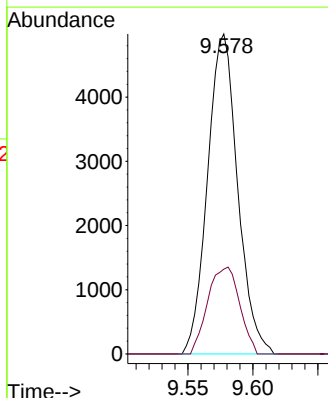
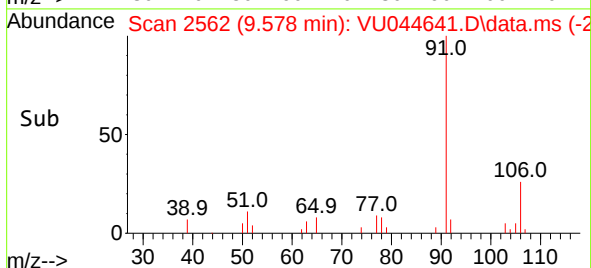
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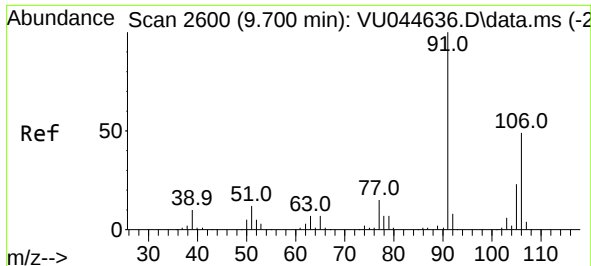


#52
Ethylbenzene
Concen: 0.175 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



Tgt Ion: 91 Resp: 8032
Ion Ratio Lower Upper
91 100
106 26.5 21.1 39.1





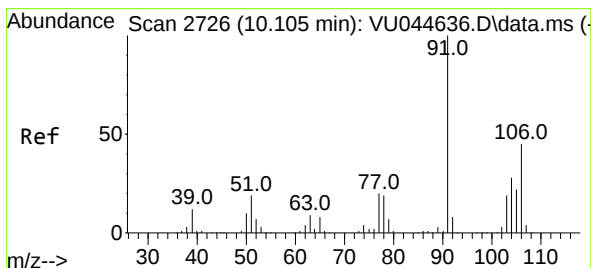
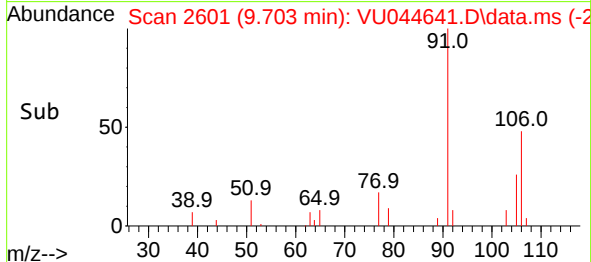
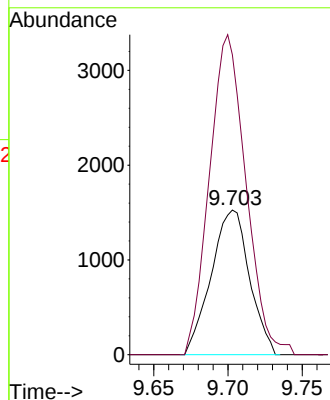
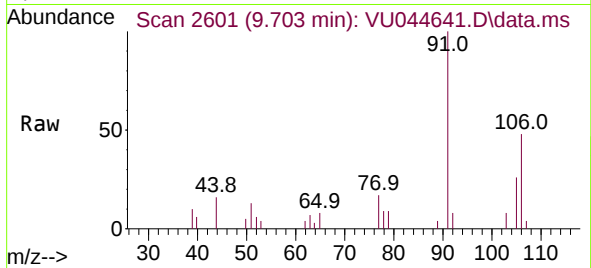
#53
m,p-Xylene
Concen: 0.157 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion:106 Resp: 2742
Ion Ratio Lower Upper
106 100
91 207.3 144.6 268.6

Instrument :
MSVOA_U
ClientSampled :
MDL04

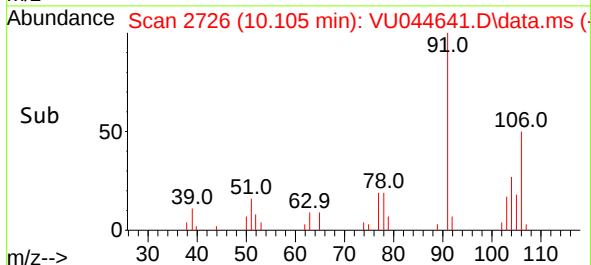
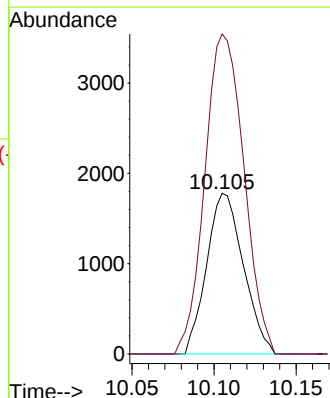
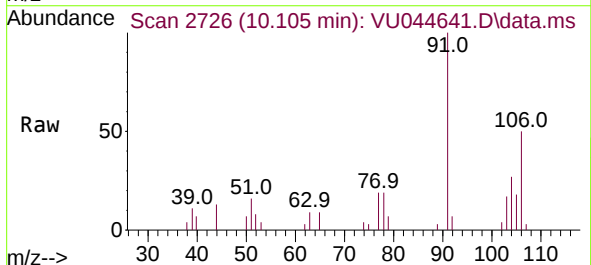
Manual Integrations
APPROVED

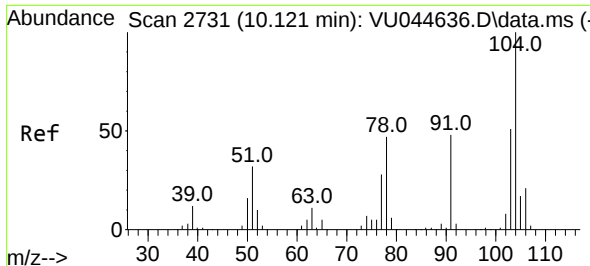
MMDadoda
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#54
o-Xylene
Concen: 0.166 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion:106 Resp: 2765
Ion Ratio Lower Upper
106 100
91 199.3 156.2 290.0





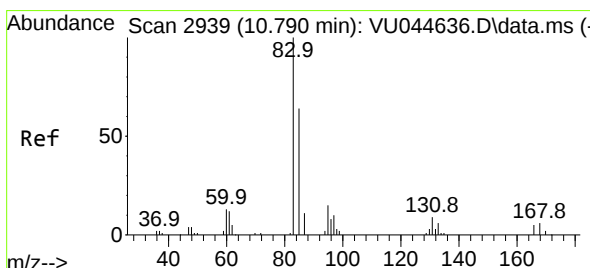
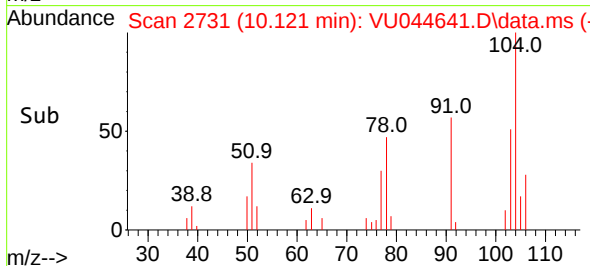
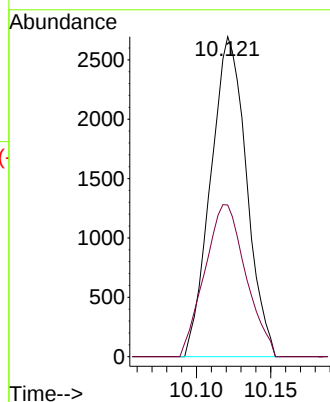
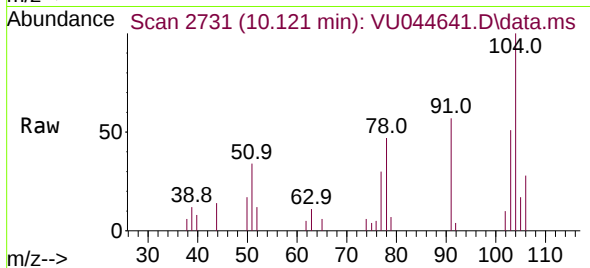
#55
Styrene
Concen: 0.155 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Instrument :
MSVOA_U
ClientSampled :
MDL04

Tgt Ion:104 Resp: 4513
Ion Ratio Lower Upper
104 100
78 47.4 33.6 62.4

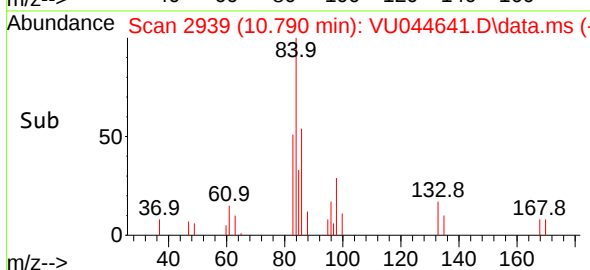
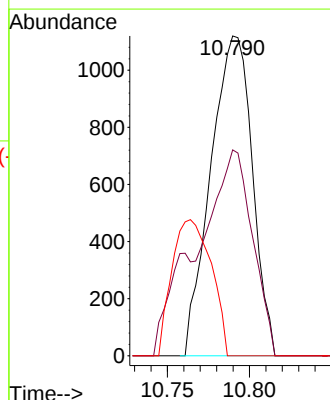
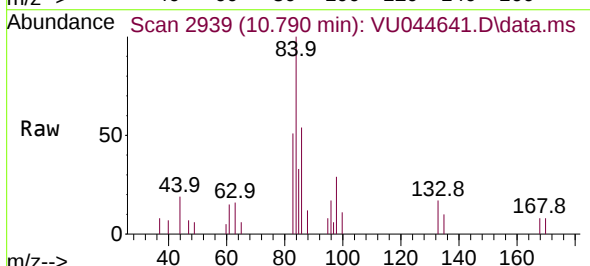
Manual Integrations
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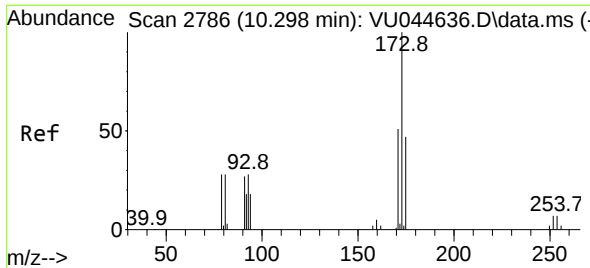
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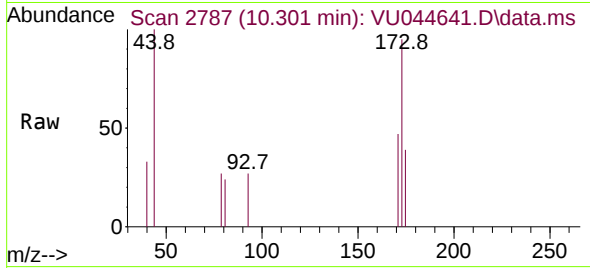
#57
1,1,2,2-Tetrachloroethane
Concen: 0.190 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 83 Resp: 1974
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
131 0.0 6.6 10.0#

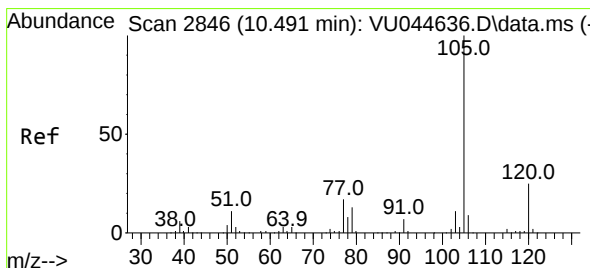
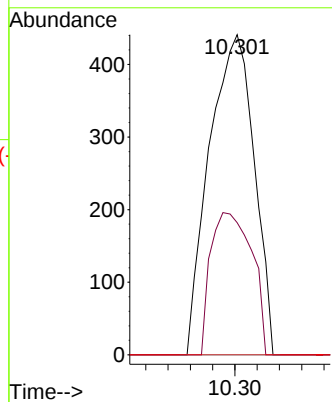
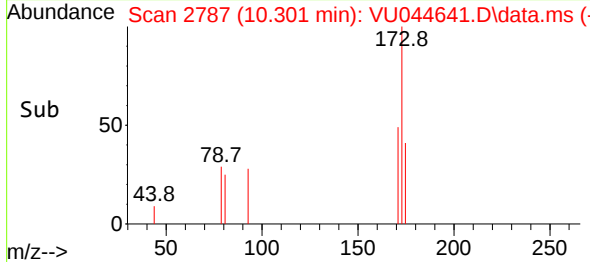




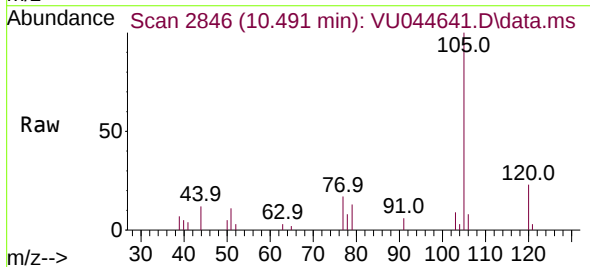
#59
Bromoform
Concen: 0.151 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



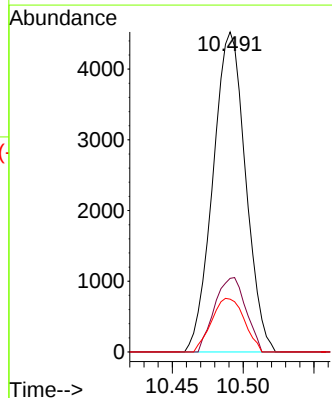
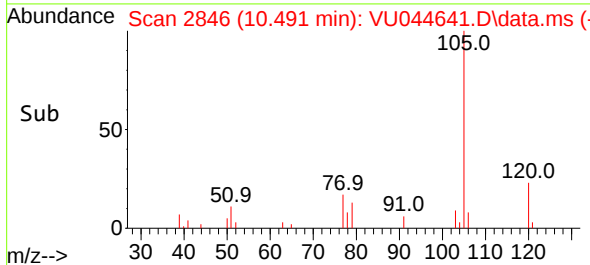
Tgt Ion:173 Resp: 617
Ion Ratio Lower Upper
173 100
175 40.8 38.8 58.2
254 0.0 4.9 7.3#



#60
Isopropylbenzene
Concen: 0.176 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



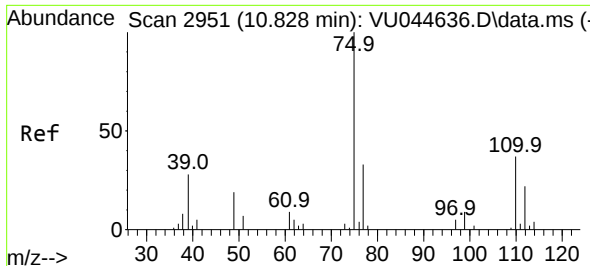
Tgt Ion:105 Resp: 7238
Ion Ratio Lower Upper
105 100
120 22.3 20.2 30.2
77 16.7 13.6 20.4



Instrument :
MSVOA_U
ClientSampled :
MDL04

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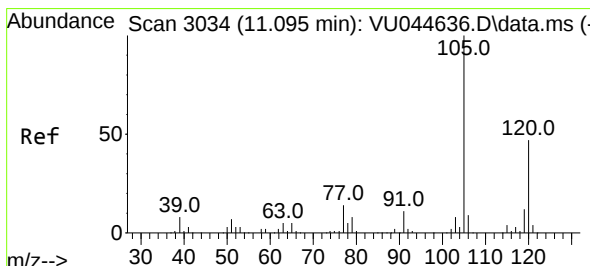
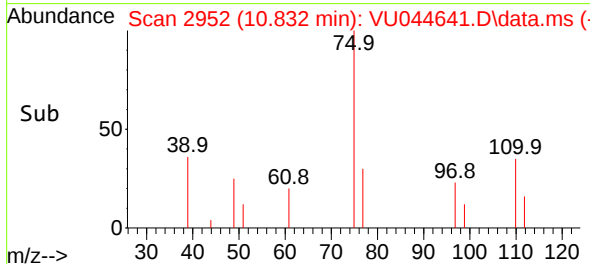
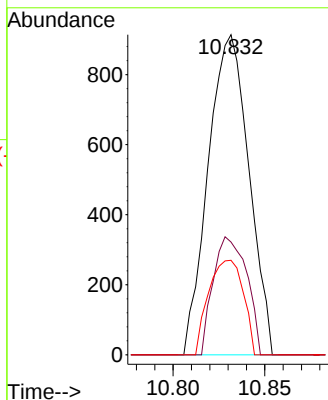
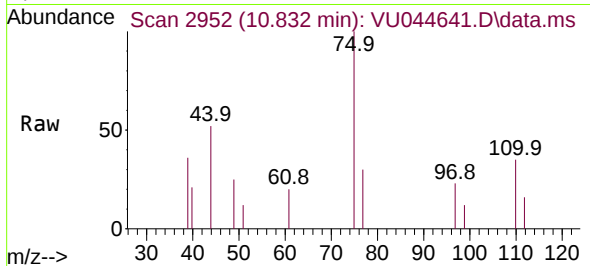
#61
1,2,3-Trichloropropane
Concen: 0.194 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 75 Resp: 1411
Ion Ratio Lower Upper
75 100
110 30.4 28.8 43.2
77 25.1 25.9 38.9#

Instrument :
MSVOA_U
ClientSampled :
MDL04

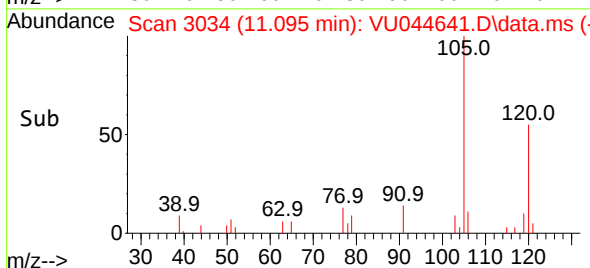
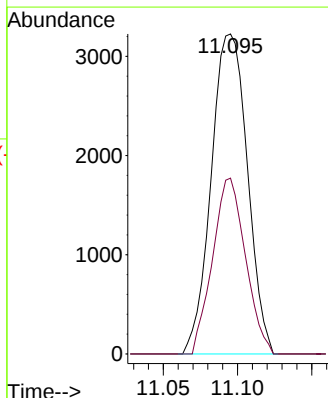
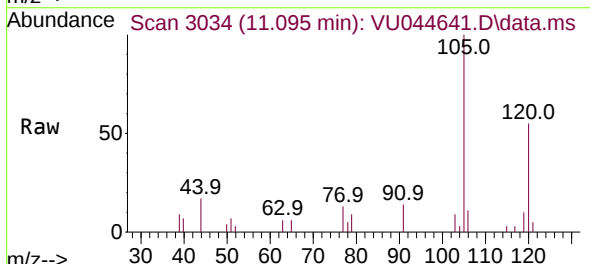
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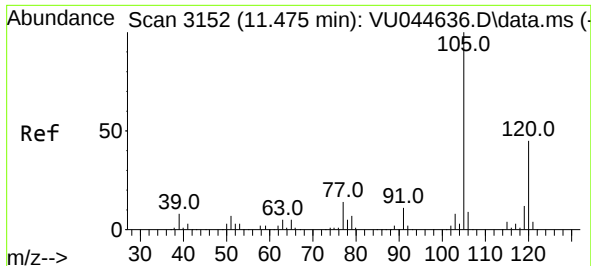
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#62
1,3,5-Trimethylbenzene
Concen: 0.160 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion: 105 Resp: 5467
Ion Ratio Lower Upper
105 100
120 49.9 38.2 57.2





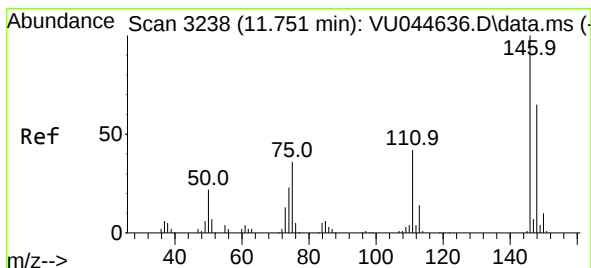
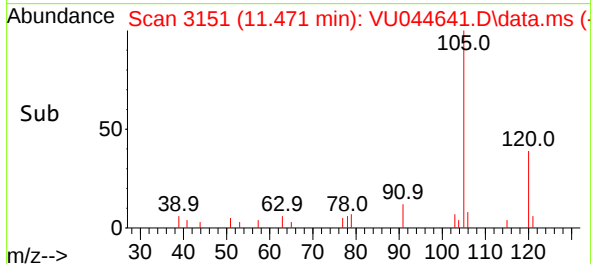
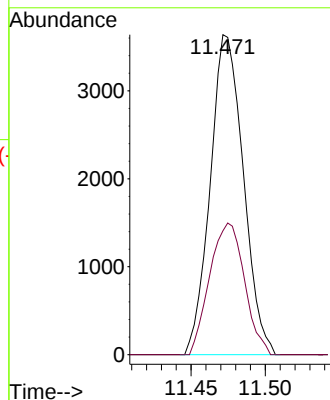
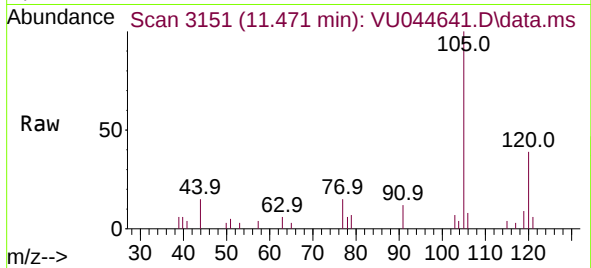
#63
1,2,4-Trimethylbenzene
Concen: 0.160 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

Tgt Ion:105 Resp: 5641
Ion Ratio Lower Upper
105 100
120 43.2 35.4 53.2

Instrument :
MSVOA_U
ClientSampleId :
MDL04

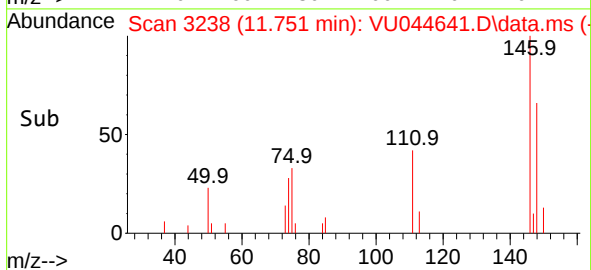
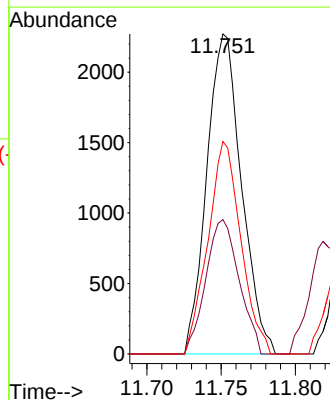
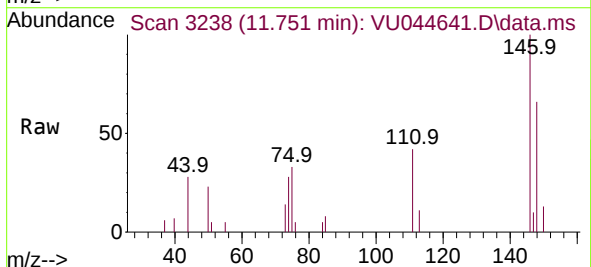
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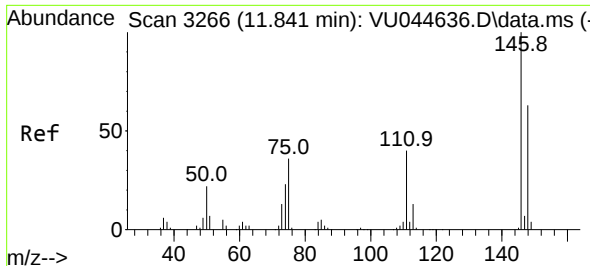
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#64
1,3-Dichlorobenzene
Concen: 0.192 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

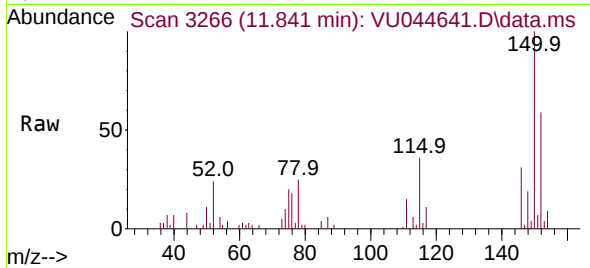
Tgt Ion:146 Resp: 3688
Ion Ratio Lower Upper
146 100
111 42.0 29.8 55.4
148 66.4 45.2 84.0





#65
1,4-Dichlorobenzene
Concen: 0.185 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

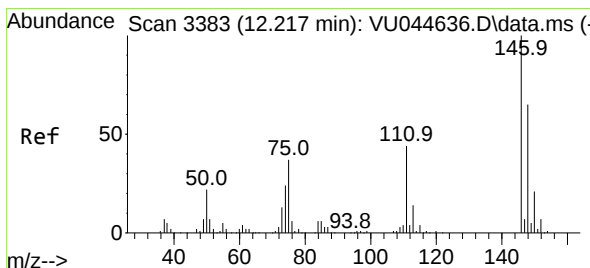
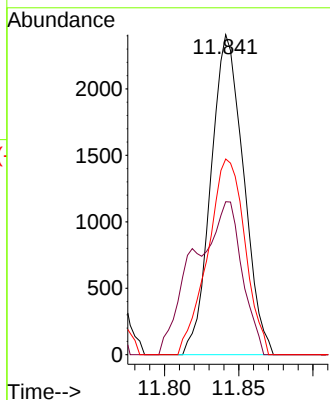
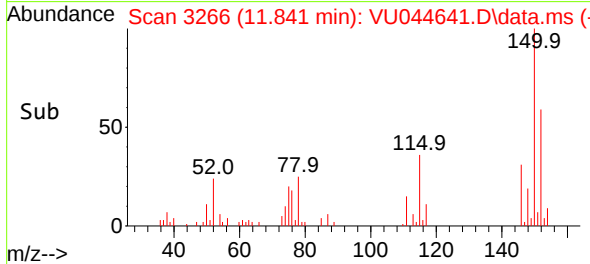
Instrument :
MSVOA_U
ClientSampled :
MDL04



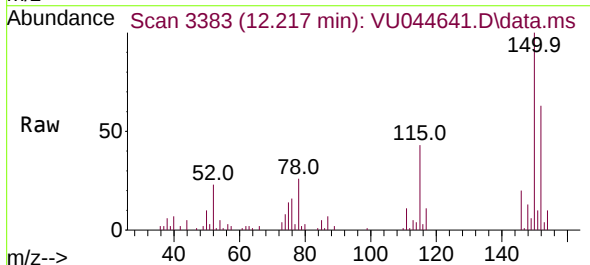
Tgt Ion:146 Resp: 3677
Ion Ratio Lower Upper
146 100
111 47.8 28.7 53.3
148 61.2 45.4 84.4

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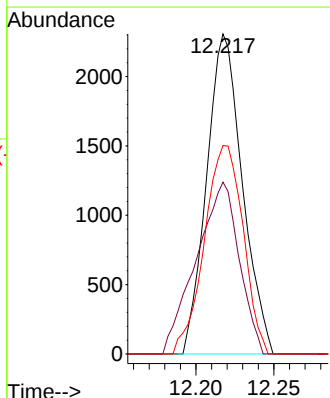
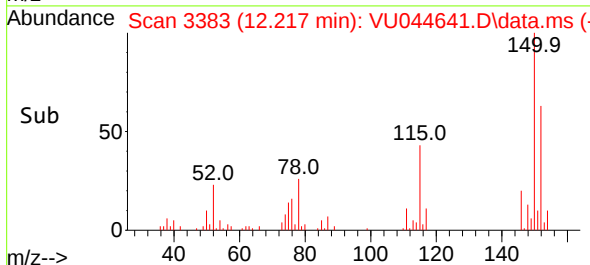
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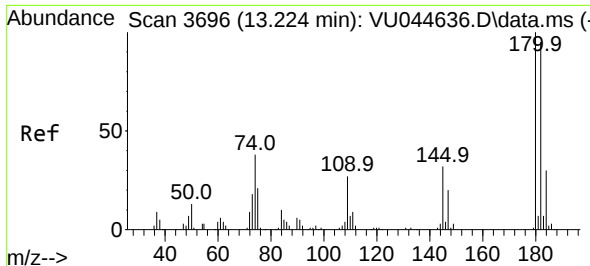


#67
1,2-Dichlorobenzene
Concen: 0.201 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



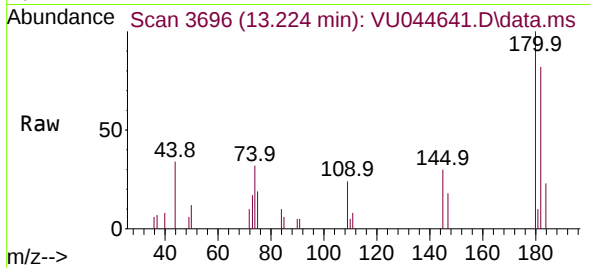
Tgt Ion:146 Resp: 3666
Ion Ratio Lower Upper
146 100
111 53.7 34.6 51.8#
148 65.1 51.3 76.9





#69
1,3,5-Trichlorobenzene
Concen: 0.178 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

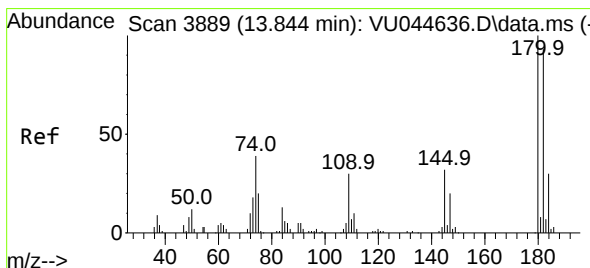
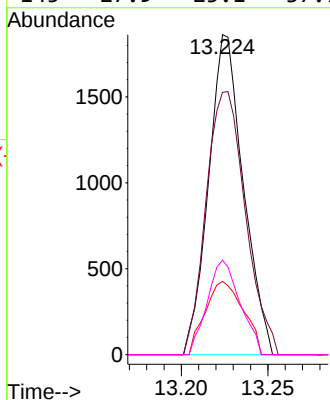
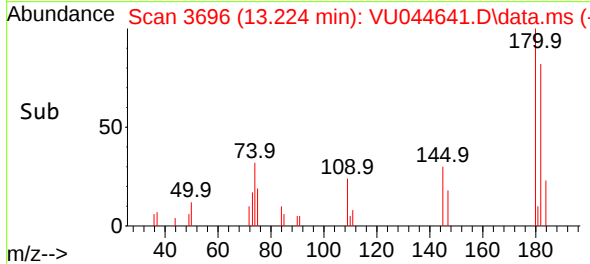
Instrument :
MSVOA_U
ClientSampleId :
MDL04



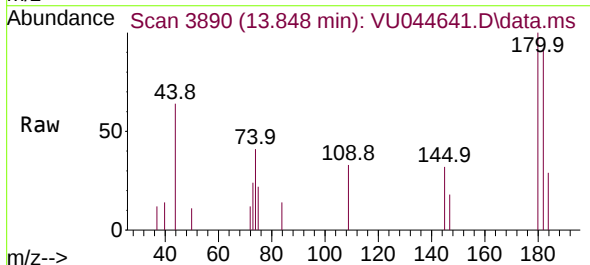
Tgt Ion:	180	Resp:	2597
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.9	115.3
184	25.1	24.1	36.1
145	27.9	25.1	37.7

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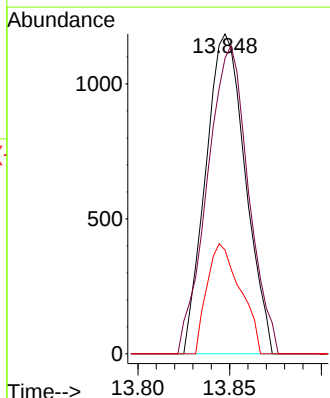
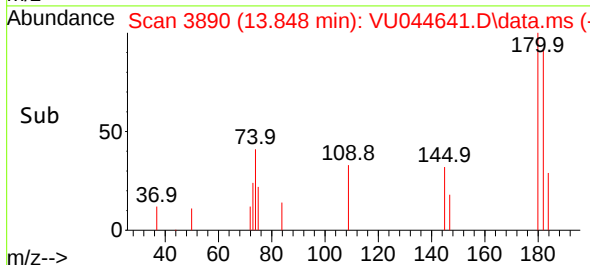
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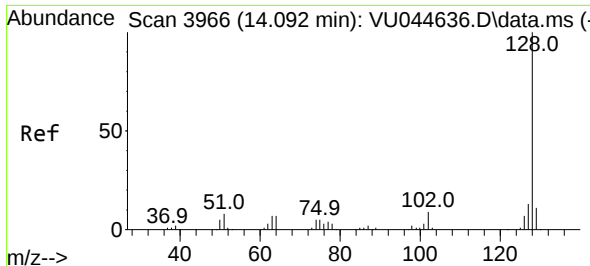


#70
1,2,4-trichlorobenzene
Concen: 0.145 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



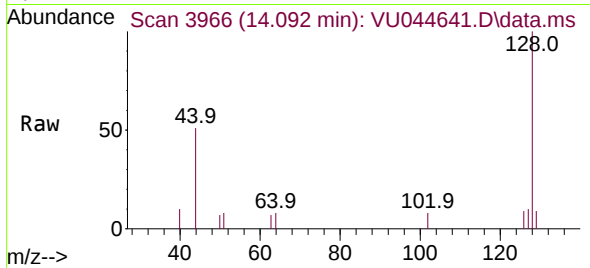
Tgt Ion:	180	Resp:	1783
Ion Ratio	Lower	Upper	
180	100		
182	99.7	75.4	113.0
145	28.9	25.2	37.8





#71
Naphthalene
Concen: 0.129 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57

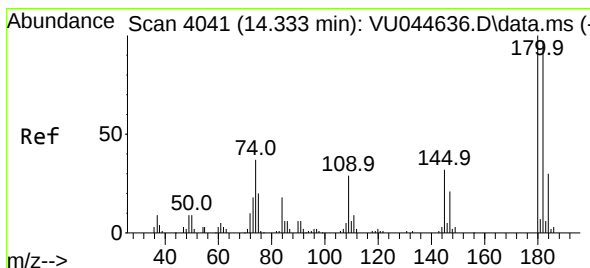
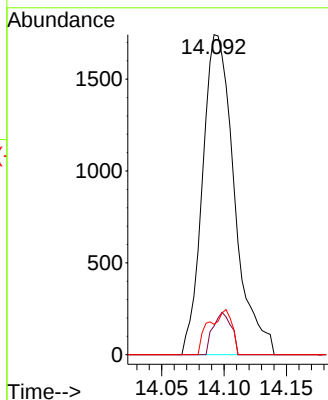
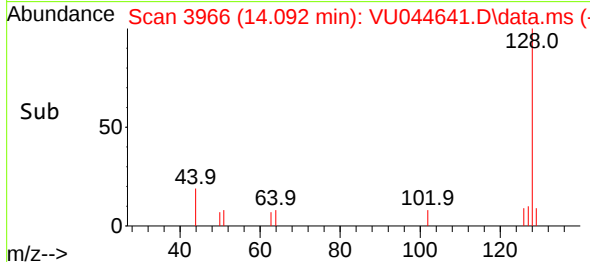
Instrument :
MSVOA_U
ClientSampled :
MDL04



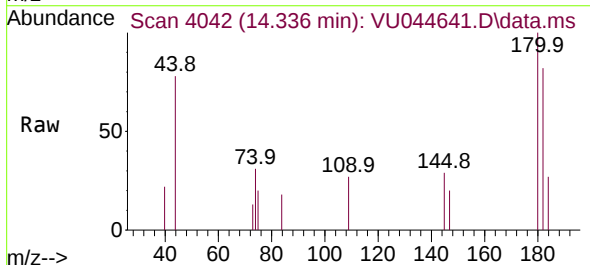
Tgt Ion:128 Resp: 3093
Ion Ratio Lower Upper
128 100
129 7.6 8.7 13.1#
127 10.1 10.4 15.6#

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#72
1,2,3-Trichlorobenzene
Concen: 0.148 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044641.D
Acq: 15 Sep 2021 13:57



Tgt Ion:180 Resp: 1678
Ion Ratio Lower Upper
180 100
182 88.3 75.9 113.9
145 27.9 27.0 40.6

