

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021821\
 Data File : VU042344.D
 Acq On : 18 Feb 2021 12:26
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:45:19 PM

Quant Time: Feb 19 10:36:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 10:36:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	128474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	201860	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	182799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	88182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	104465	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	= 107.24%		
35) Dibromofluoromethane	5.298	113	72894	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	= 102.32%		
50) Toluene-d8	7.906	98	257160	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	= 100.80%		
62) 4-Bromofluorobenzene	10.639	95	91431	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	= 90.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	631	0.41	ug/l	96
3) Chloromethane	1.523	50	893	0.56	ug/l	95
4) Vinyl Chloride	1.607	62	704	0.46	ug/l	97
5) Bromomethane	1.864	94	648	0.69	ug/l	99
6) Chloroethane	1.938	64	377	0.43	ug/l #	62
7) Trichlorofluoromethane	2.144	101	1025	0.44	ug/l	94
8) Diethyl Ether	2.385	74	299	0.40	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.585	101	469	0.39	ug/l	94
10) Methyl Iodide	2.729	142	950	0.55	ug/l #	85
11) Tert butyl alcohol	3.199	59	2084m	5.01	ug/l	
12) 1,1-Dichloroethene	2.588	96	477	0.40	ug/l	84
13) Acrolein	2.498	56	659	2.59	ug/l	89
14) Allyl chloride	2.929	41	1214	0.46	ug/l	94
15) Acrylonitrile	3.337	53	2181	2.17	ug/l	90
16) Acetone	2.652	43	3260	2.70	ug/l	96
17) Carbon Disulfide	2.800	76	1996	0.56	ug/l	99
18) Methyl Acetate	2.967	43	1058	0.48	ug/l #	72
19) Methyl tert-butyl Ether	3.375	73	2125	0.47	ug/l	96
20) Methylene Chloride	3.057	84	779	0.56	ug/l #	90
21) trans-1,2-Dichloroethene	3.366	96	601	0.47	ug/l #	62
22) Diisopropyl ether	3.999	45	2027	0.41	ug/l #	50
23) Vinyl Acetate	3.970	43	9449	2.00	ug/l	97
24) 1,1-Dichloroethane	3.874	63	1147	0.44	ug/l #	84
25) 2-Butanone	4.732	43	3679	2.29	ug/l	97
26) 2,2-Dichloropropane	4.678	77	1135	0.48	ug/l #	55
27) cis-1,2-Dichloroethene	4.678	96	551	0.37	ug/l	70
28) Bromochloromethane	4.986	49	665	0.50	ug/l #	62
29) Tetrahydrofuran	5.080	42	2366	2.37	ug/l	97
30) Chloroform	5.096	83	1162	0.44	ug/l	83
31) Cyclohexane	5.385	56	4347	1.70	ug/l #	33
32) 1,1,1-Trichloroethane	5.330	97	907	0.38	ug/l #	45
36) 1,1-Dichloropropene	5.536	75	868	0.43	ug/l #	73
37) Ethyl Acetate	4.826	43	1801m	0.58	ug/l	
38) Carbon Tetrachloride	5.533	117	787	0.37	ug/l #	84
39) Methylcyclohexane	6.774	83	1012	0.44	ug/l	91
40) Benzene	5.784	78	2251	0.40	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	583	0.36	ug/l #	77
42) 1,2-Dichloroethane	5.800	62	1352	0.55	ug/l #	79
43) Isopropyl Acetate	5.928	43	2142	0.47	ug/l #	73
44) Trichloroethene	6.555	130	512	0.34	ug/l	74
45) 1,2-Dichloropropane	6.803	63	617	0.40	ug/l	96
46) Dibromomethane	6.928	93	447	0.41	ug/l	91
47) Bromodichloromethane	7.115	83	1045	0.49	ug/l #	74
48) Methyl methacrylate	6.970	41	973	0.43	ug/l #	67
49) 1,4-Dioxane	7.018	88	231m	5.33	ug/l	
51) 4-Methyl-2-Pentanone	7.806	43	6976	2.26	ug/l	96
52) Toluene	7.977	92	1662	0.48	ug/l	95
53) t-1,3-Dichloropropene	8.218	75	884	0.38	ug/l #	82
54) cis-1,3-Dichloropropene	7.616	75	905	0.36	ug/l #	87
55) 1,1,2-Trichloroethane	8.411	97	508	0.35	ug/l	88
56) Ethyl methacrylate	8.346	69	911	0.37	ug/l	93
57) 1,3-Dichloropropane	8.584	76	1088	0.43	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.478	63	1131	1.36	ug/l	91
59) 2-Hexanone	8.703	43	5639	2.29	ug/l	91
60) Dibromochloromethane	8.819	129	594	0.35	ug/l	95
61) 1,2-Dibromoethane	8.935	107	637	0.39	ug/l	86
64) Tetrachloroethene	8.559	164	658	0.48	ug/l	92
65) Chlorobenzene	9.456	112	1749	0.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	490	0.35	ug/l #	66
67) Ethyl Benzene	9.578	91	2880	0.44	ug/l	98
68) m/p-Xylenes	9.700	106	1870	0.77	ug/l #	70
69) o-Xylene	10.105	106	948	0.40	ug/l	100
70) Styrene	10.121	104	1558	0.39	ug/l #	91
71) Bromoform	10.304	173	465	0.35	ug/l #	52
73) Isopropylbenzene	10.491	105	2835	0.48	ug/l	100
74) N-amyl acetate	10.330	43	1704	0.51	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	10.793	83	1123	0.50	ug/l #	88
76) 1,2,3-Trichloropropane	10.835	75	1133m	0.52	ug/l	
77) Bromobenzene	10.790	156	811	0.52	ug/l	86
78) n-propylbenzene	10.912	91	3005	0.44	ug/l	96
79) 2-Chlorotoluene	10.996	91	1786	0.43	ug/l	91
80) 1,3,5-Trimethylbenzene	11.099	105	2317	0.46	ug/l	100
82) 4-Chlorotoluene	11.108	91	2293	0.47	ug/l	99
83) tert-Butylbenzene	11.430	119	2271	0.46	ug/l	97
84) 1,2,4-Trimethylbenzene	11.475	105	2215	0.44	ug/l	99
85) sec-Butylbenzene	11.648	105	2390	0.41	ug/l	93
86) p-Isopropyltoluene	11.800	119	2413	0.45	ug/l	88
87) 1,3-Dichlorobenzene	11.755	146	1360	0.50	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	1463m	0.53	ug/l	
89) n-Butylbenzene	12.218	91	1953	0.42	ug/l	93
90) Hexachloroethane	12.488	117	284	0.30	ug/l	84
91) 1,2-Dichlorobenzene	12.224	146	1426	0.52	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	13.009	75	281	0.46	ug/l	76
93) 1,2,4-Trichlorobenzene	13.848	180	795	0.46	ug/l	81
94) Hexachlorobutadiene	14.031	225	393	0.41	ug/l #	69
95) Naphthalene	14.095	128	2252	0.46	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.340	180	906	0.54	ug/l	86

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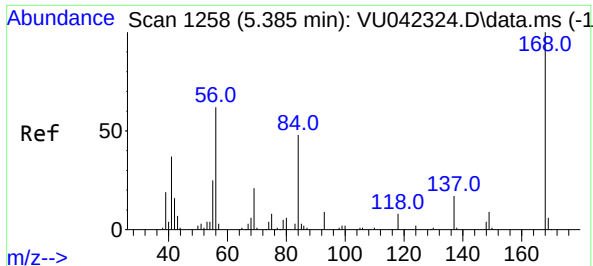
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



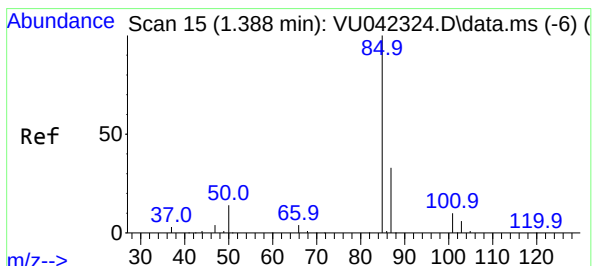
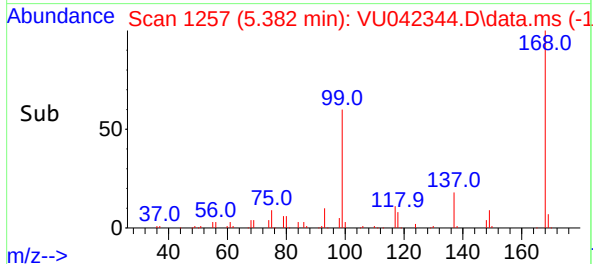
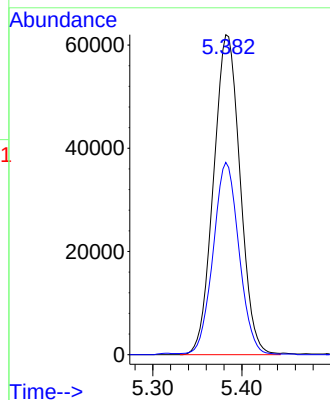
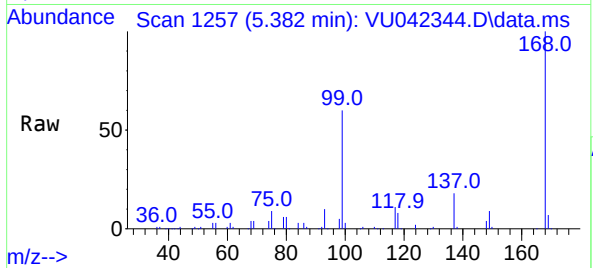
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 168 Resp: 128474
Ion Ratio Lower Upper
168 100
99 59.9 45.0 67.4

Instrument :
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ClientSampled :
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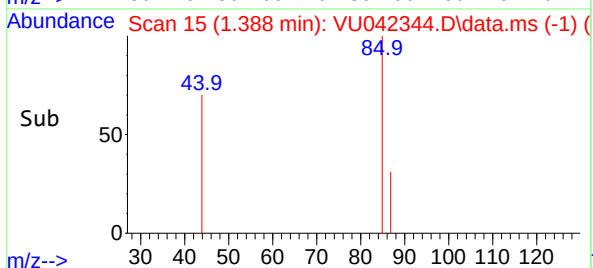
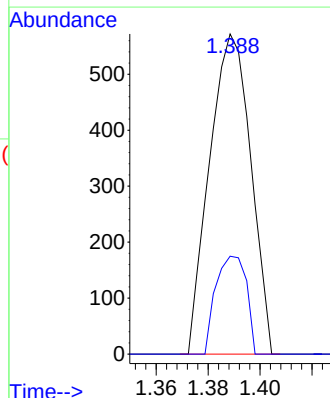
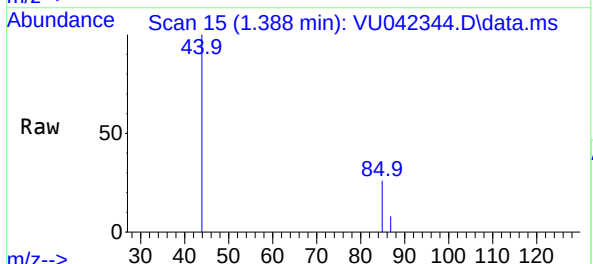
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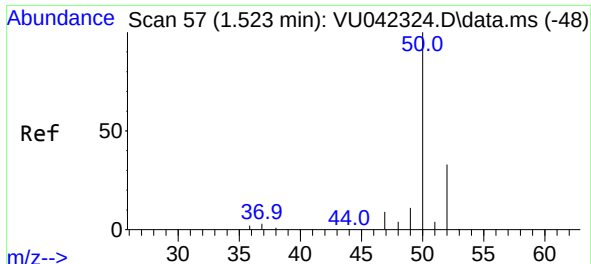
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#2
Dichlorodifluoromethane
Concen: 0.41 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 85 Resp: 631
Ion Ratio Lower Upper
85 100
87 30.6 16.5 49.5





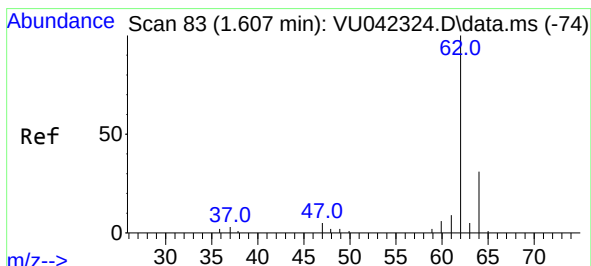
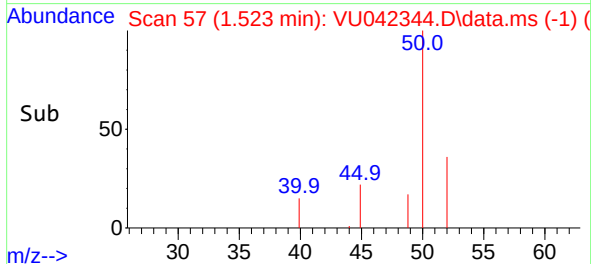
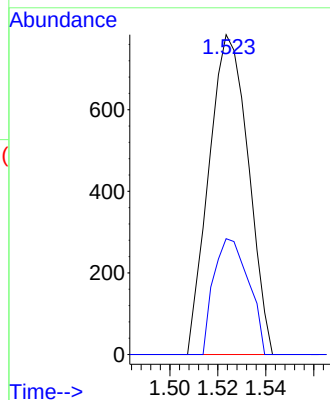
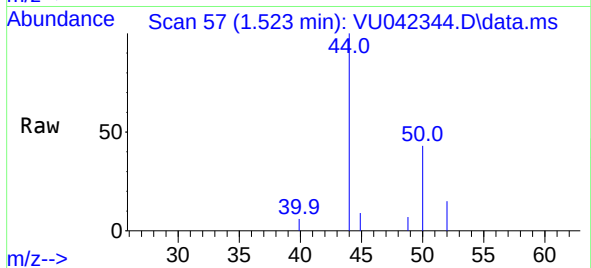
#3
Chloromethane
Concen: 0.56 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 50 Resp: 893
Ion Ratio Lower Upper
50 100
52 36.2 26.6 40.0

Instrument :
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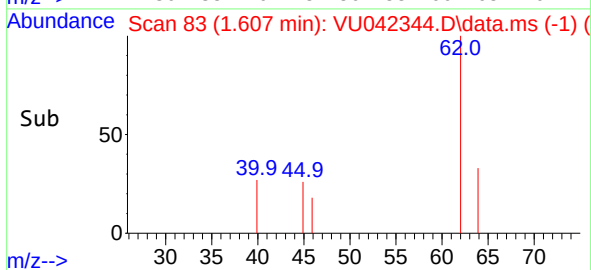
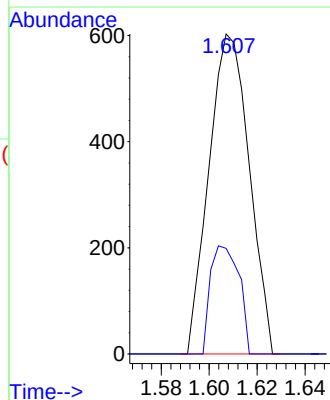
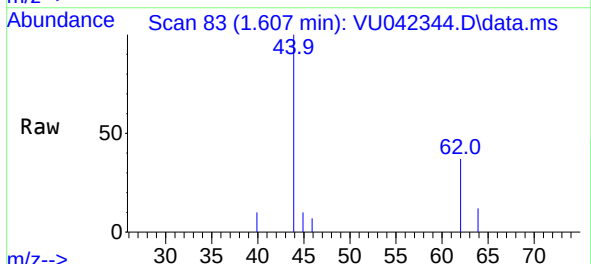
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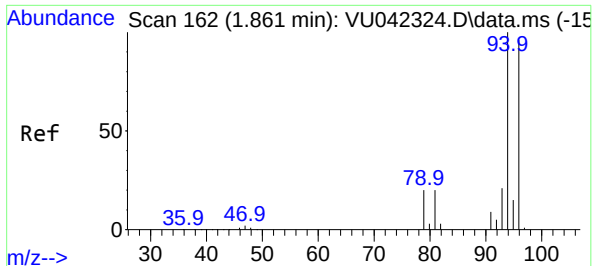
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#4
Vinyl Chloride
Concen: 0.46 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 62 Resp: 704
Ion Ratio Lower Upper
62 100
64 33.0 25.2 37.8





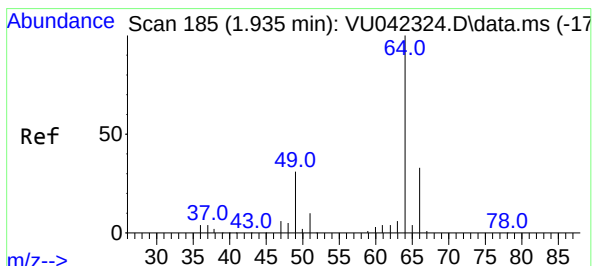
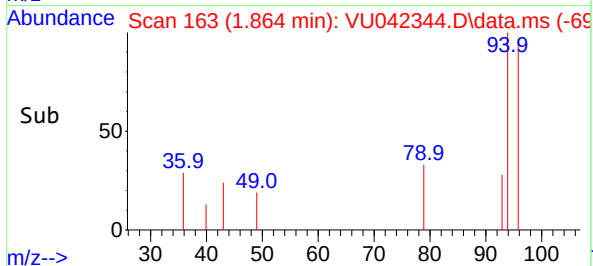
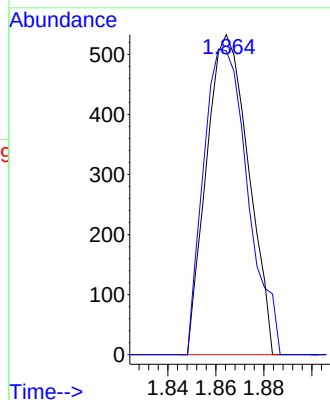
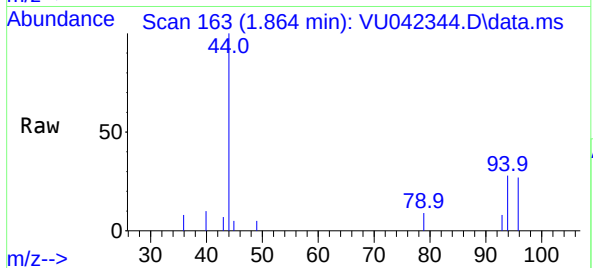
#5
Bromomethane
Concen: 0.69 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 94 Resp: 648
Ion Ratio Lower Upper
94 100
96 94.9 76.6 115.0

Instrument :
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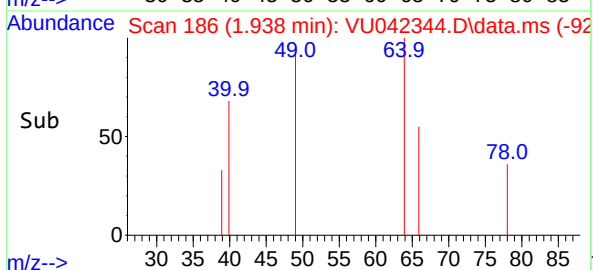
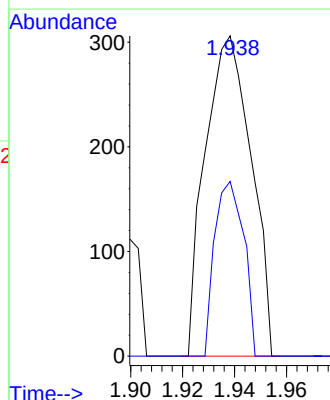
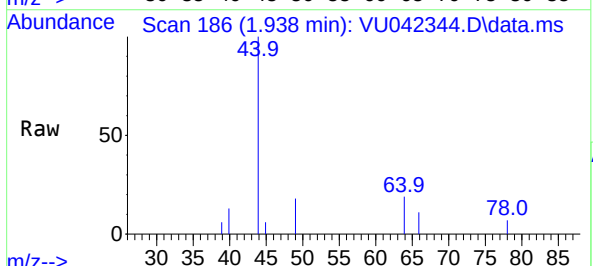
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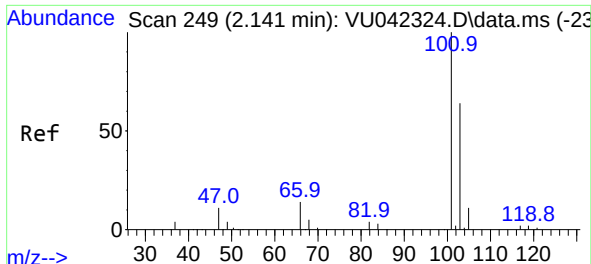
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#6
Chloroethane
Concen: 0.43 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 64 Resp: 377
Ion Ratio Lower Upper
64 100
66 54.6 26.4 39.6#





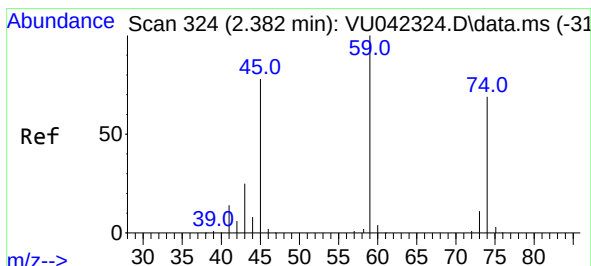
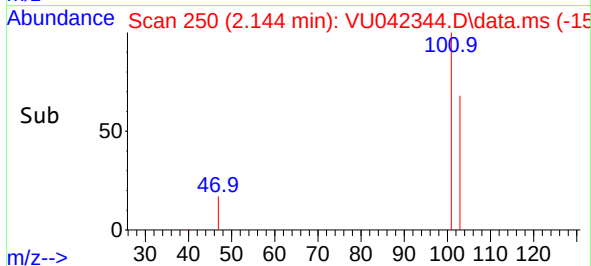
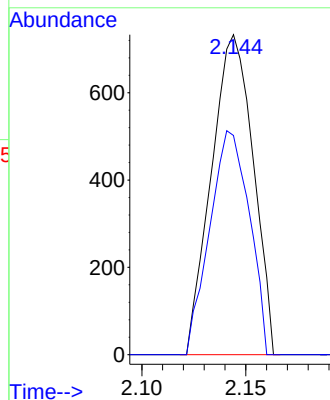
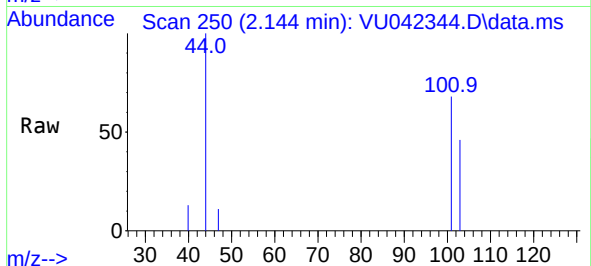
#7
 Trichlorofluoromethane
 Concen: 0.44 ug/l
 RT: 2.144 min Scan# 250
 Delta R.T. 0.003 min
 Lab File: VU042344.D
 Acq: 18 Feb 2021 12:26

Tgt Ion: 101 Resp: 1025
 Ion Ratio Lower Upper
 101 100
 103 68.5 51.3 76.9

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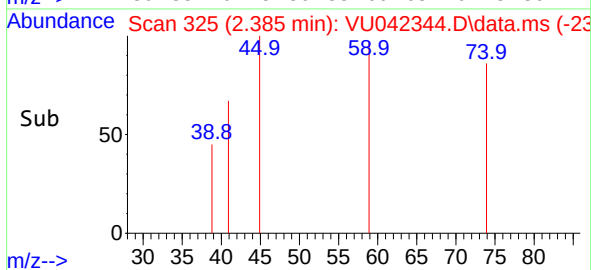
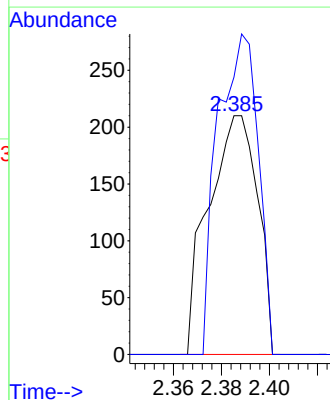
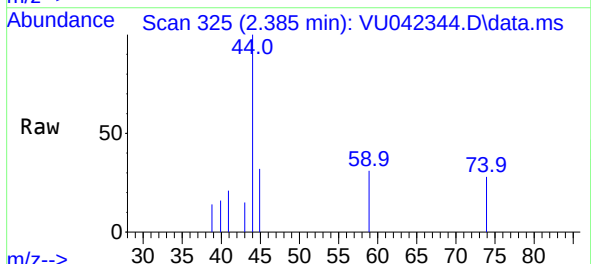
Manual Integrations
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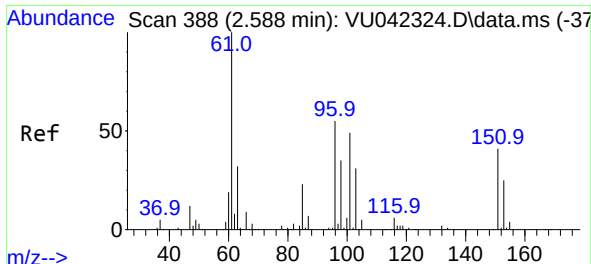
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#8
 Diethyl Ether
 Concen: 0.40 ug/l
 RT: 2.385 min Scan# 325
 Delta R.T. 0.003 min
 Lab File: VU042344.D
 Acq: 18 Feb 2021 12:26

Tgt Ion: 74 Resp: 299
 Ion Ratio Lower Upper
 74 100
 45 110.4 56.9 170.6





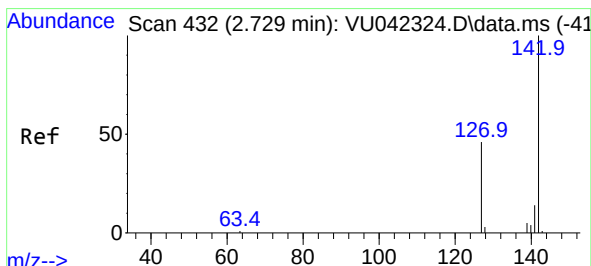
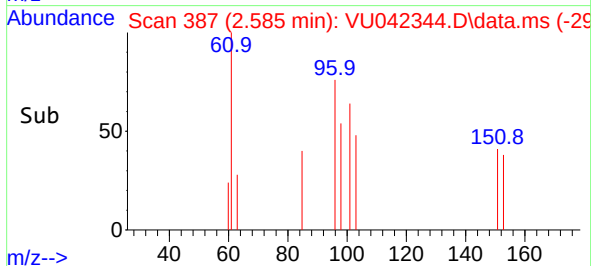
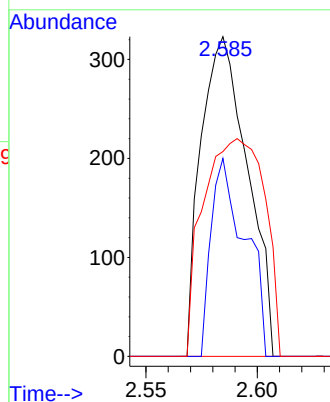
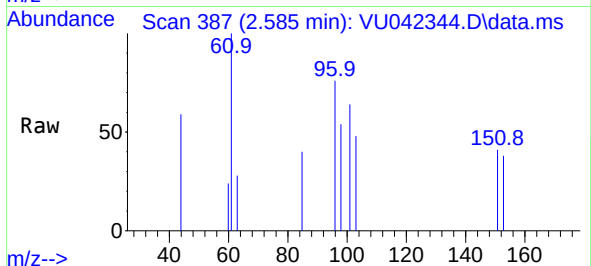
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1,1,2-Trichlorotrifluoroethane
Concen: 0.39 ug/l
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:	101	Resp:	469
Ion	Ratio	Lower	Upper
101	100		
85	45.2	37.4	56.0
151	89.8	65.8	98.8

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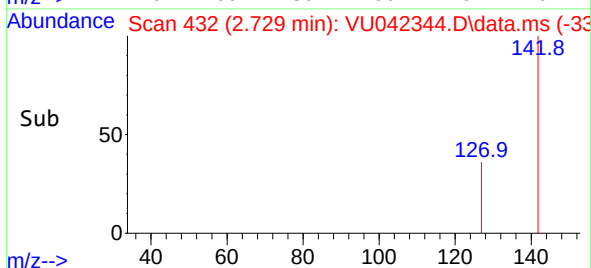
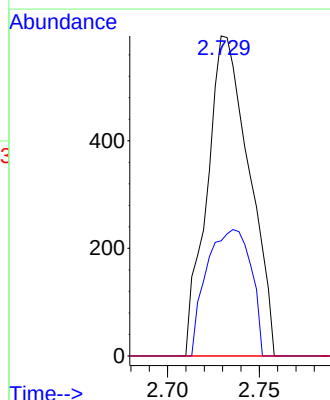
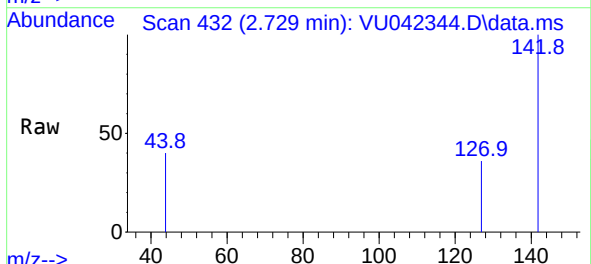
Manual Integrations
APPROVED

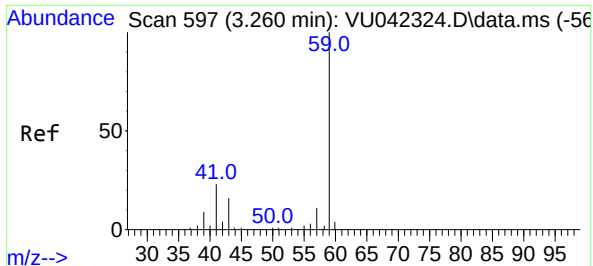
MMDadoda
2/19/2021 2:45:19 PM



#10
Methyl Iodide
Concen: 0.55 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:	142	Resp:	950
Ion	Ratio	Lower	Upper
142	100		
127	41.5	37.8	56.6
141	0.0	11.8	17.6#





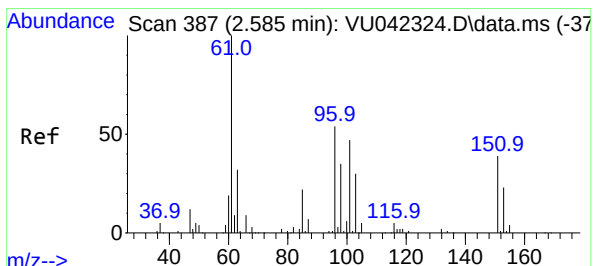
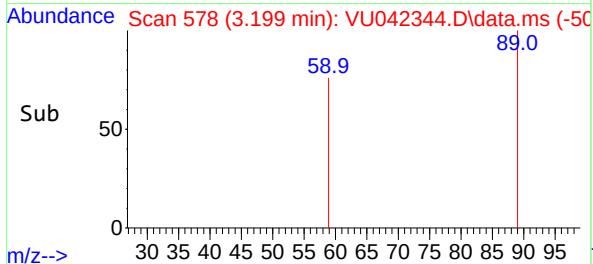
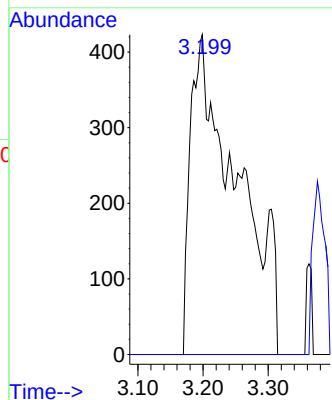
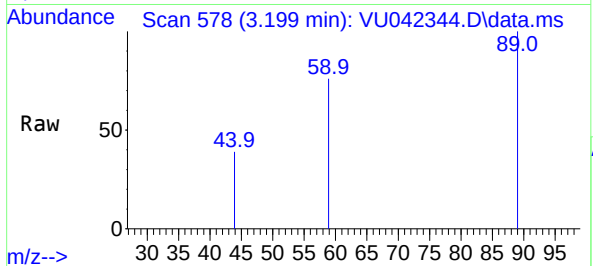
#11
Tert butyl alcohol
Concen: 5.01 ug/l m
RT: 3.199 min Scan# 578
Delta R.T. -0.061 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 59 Resp: 2084
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#

Instrument :
MSVOA_U
ClientSampled :
MDL03

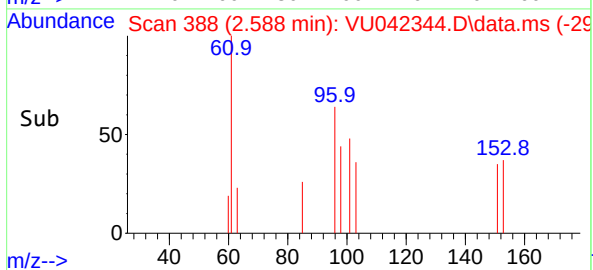
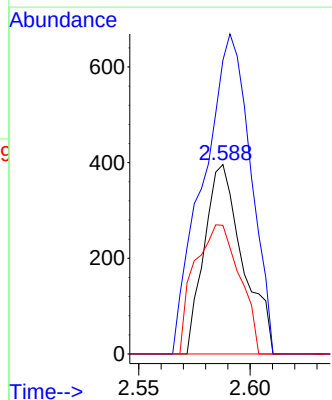
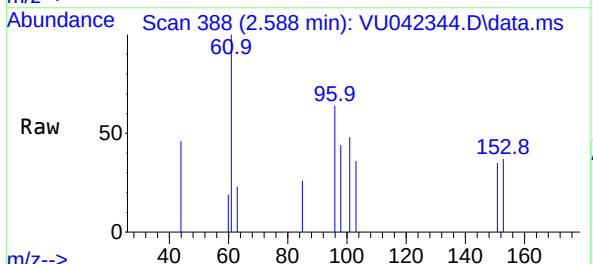
Manual Integrations
APPROVED

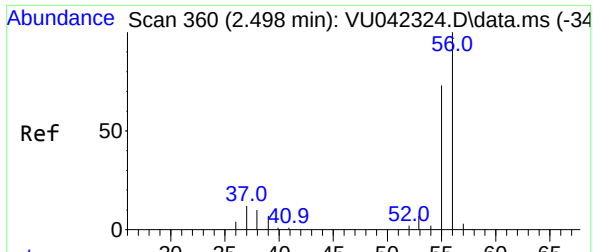
MMDadoda
2/19/2021 2:45:19 PM



#12
1,1-Dichloroethene
Concen: 0.40 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

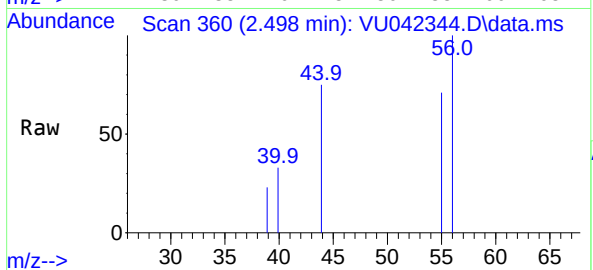
Tgt Ion: 96 Resp: 477
Ion Ratio Lower Upper
96 100
61 155.1 147.4 221.0
98 67.9 51.4 77.2



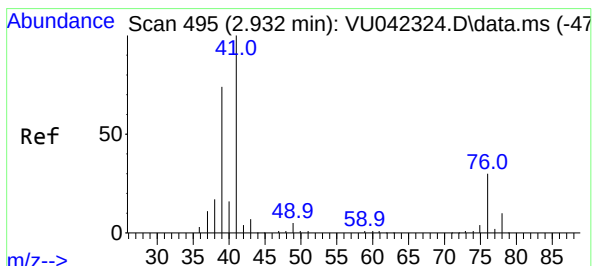
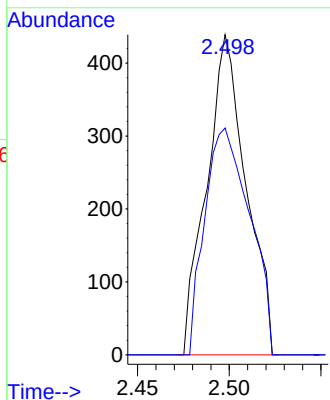
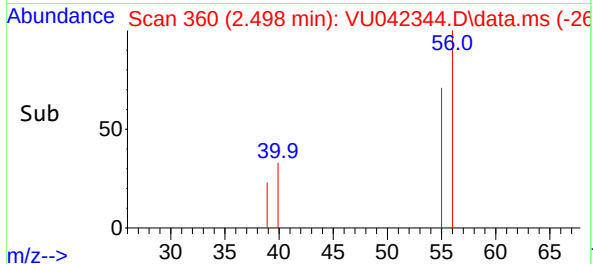


#13
Acrolein
Concen: 2.59 ug/l
RT: 2.498 min Scan# 360
Delta R.T. -0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

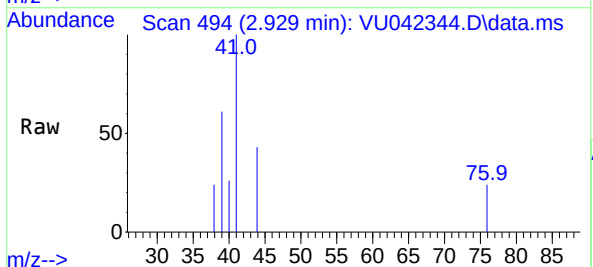
Instrument :
MSVOA_U
ClientSampled :
MDL03



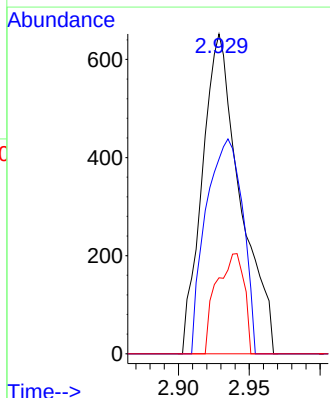
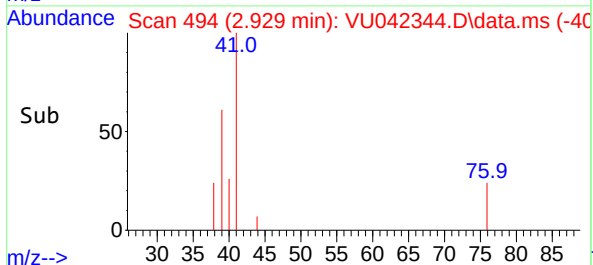
Tgt Ion: 56 Resp: 659
Ion Ratio Lower Upper
56 100
55 80.6 57.3 85.9

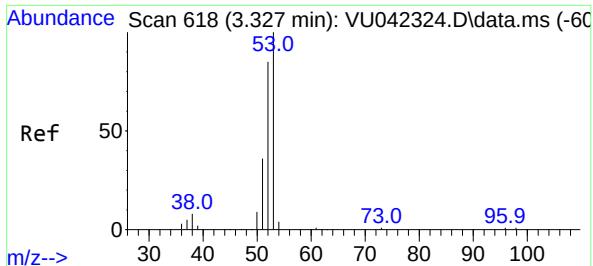


#14
Allyl chloride
Concen: 0.46 ug/l
RT: 2.929 min Scan# 494
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



Tgt Ion: 41 Resp: 1214
Ion Ratio Lower Upper
41 100
39 64.9 54.9 82.3
76 22.7 22.5 33.7





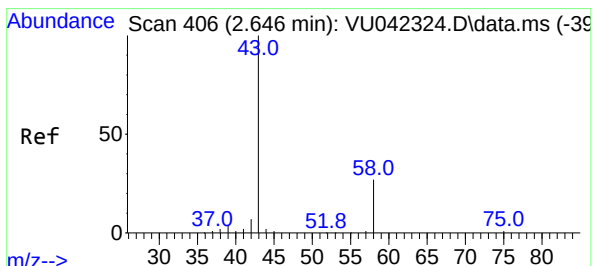
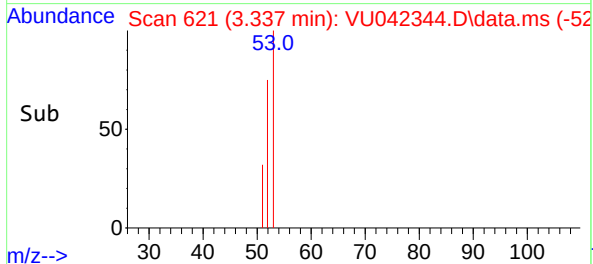
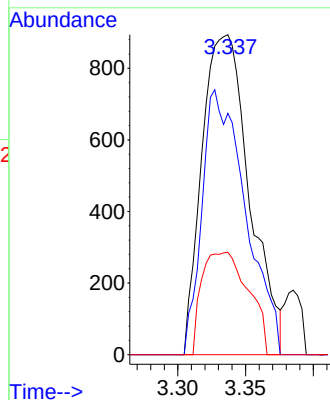
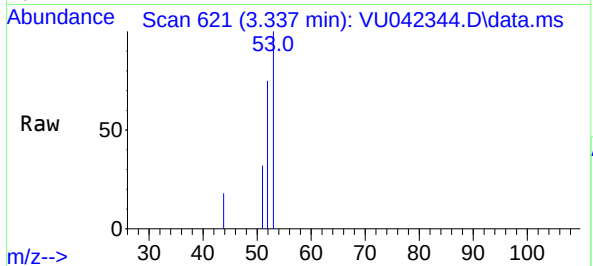
#15
Acrylonitrile
Concen: 2.17 ug/l
RT: 3.337 min Scan# 621
Delta R.T. 0.010 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 53	Resp: 2181
Ion Ratio	Lower Upper
53 100	
52 75.8	68.2 102.2
51 31.2	29.2 43.8

Instrument :
MSVOA_U
ClientSampleId :
MDL03

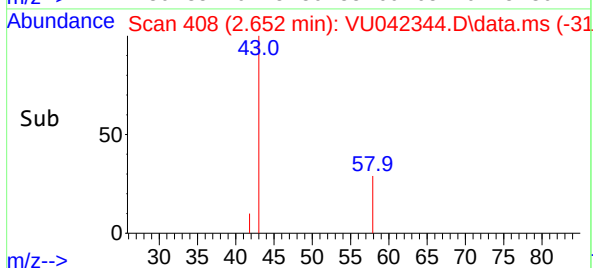
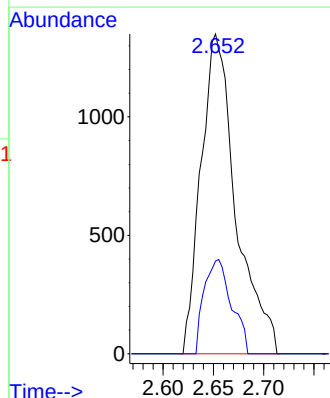
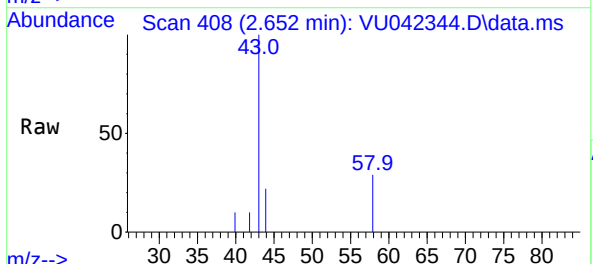
Manual Integrations
APPROVED

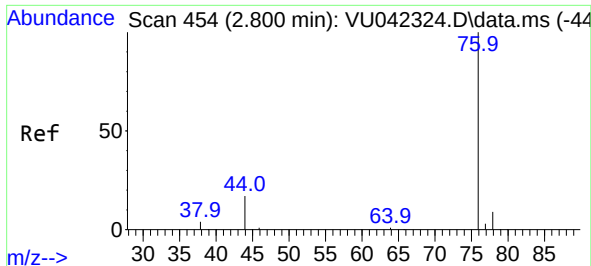
MMDadoda
2/19/2021 2:45:19 PM



#16
Acetone
Concen: 2.70 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.006 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

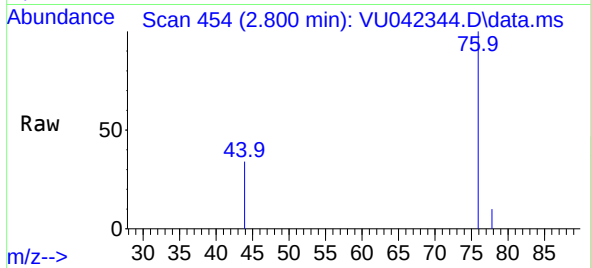
Tgt Ion: 43	Resp: 3260		
Ion Ratio	Lower	Upper	
43 100			
58 29.0	21.5	32.3	





#17
Carbon Disulfide
Concen: 0.56 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

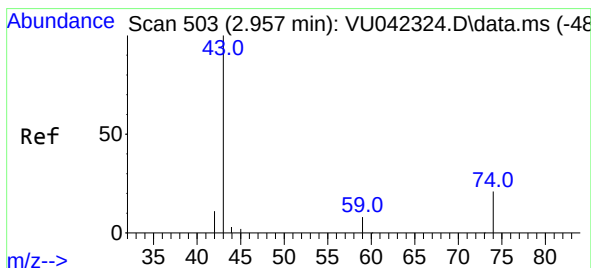
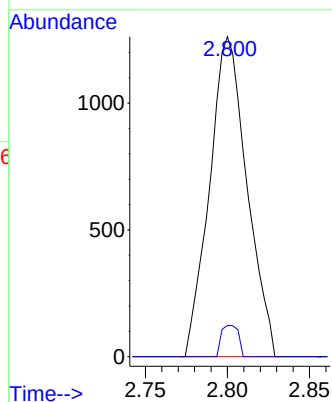
Instrument :
MSVOA_U
ClientSampleId :
MDL03



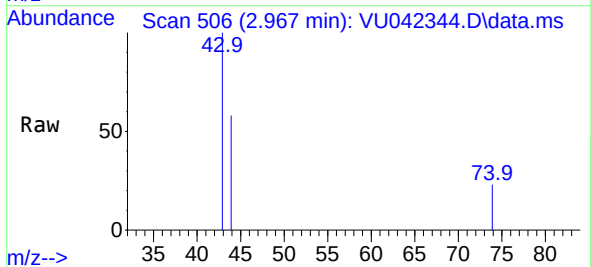
Tgt Ion: 76 Resp: 1996
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

Manual Integrations
APPROVED

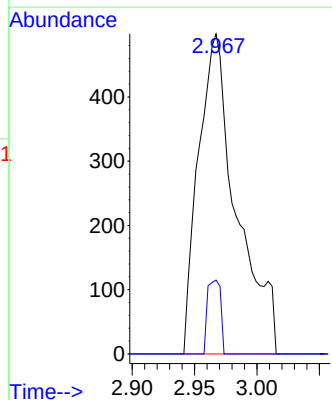
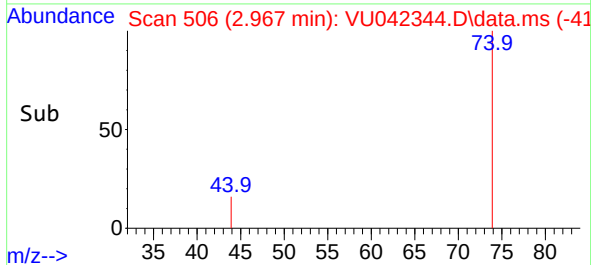
MMDadoda
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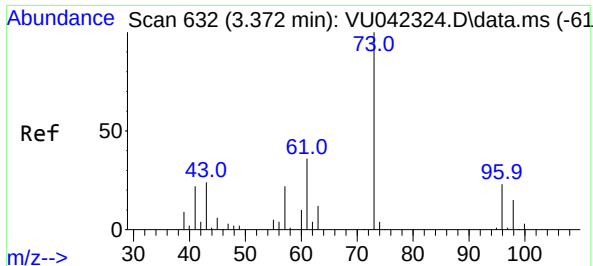


#18
Methyl Acetate
Concen: 0.48 ug/l
RT: 2.967 min Scan# 506
Delta R.T. 0.010 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
74 7.9 16.6 25.0#





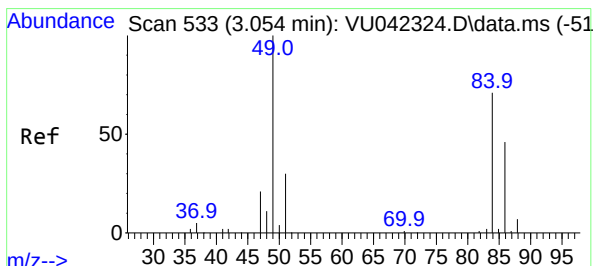
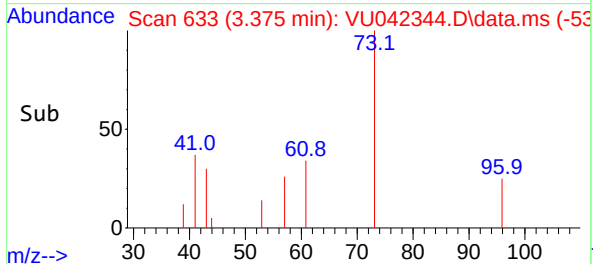
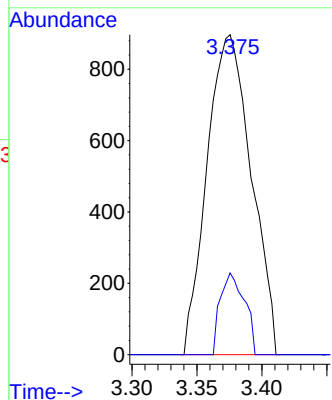
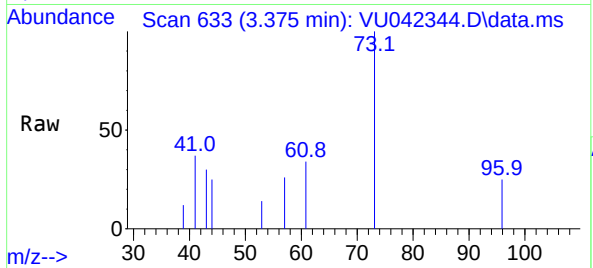
#19
Methyl tert-butyl Ether
Concen: 0.47 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 73 Resp: 2125
Ion Ratio Lower Upper
73 100
57 25.5 18.8 28.2

Instrument :
MSVOA_U
ClientSampled :
MDL03

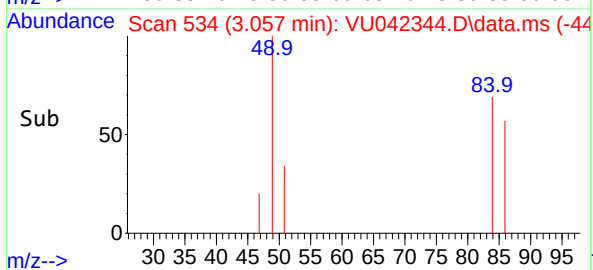
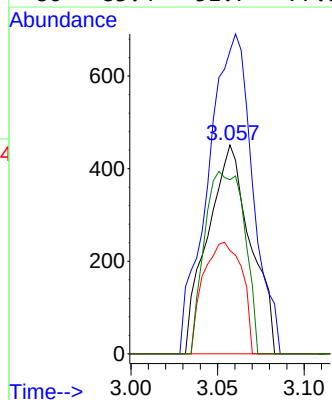
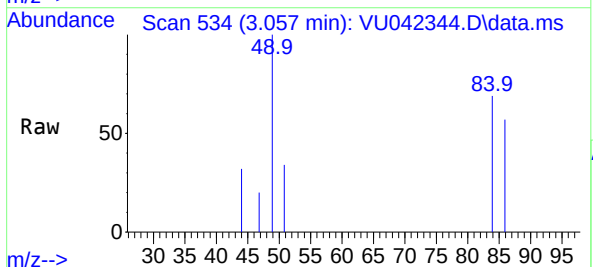
Manual Integrations
APPROVED

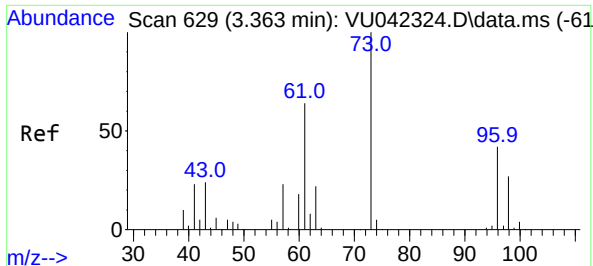
MMDadoda
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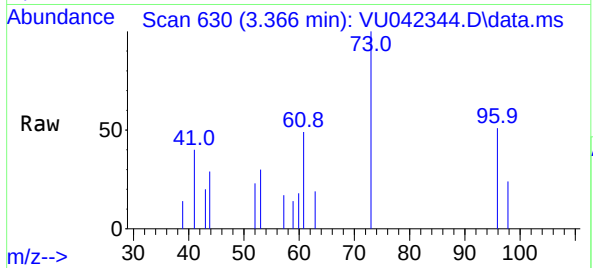
#20
Methylene Chloride
Concen: 0.56 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 84 Resp: 779
Ion Ratio Lower Upper
84 100
49 145.0 112.6 169.0
51 49.4 33.7 50.5
86 83.4 51.7 77.5#

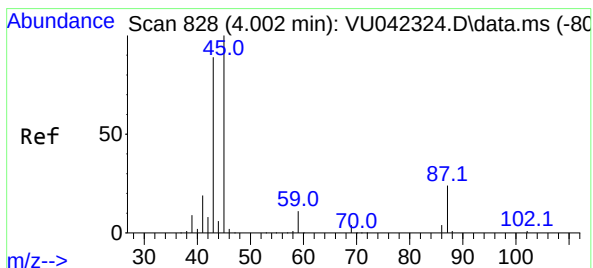
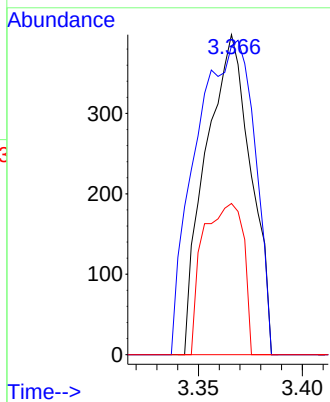
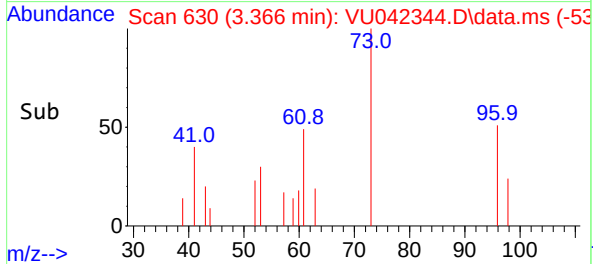




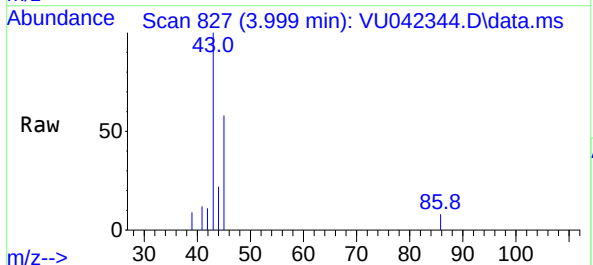
#21
trans-1,2-Dichloroethene
Concen: 0.47 ug/l
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



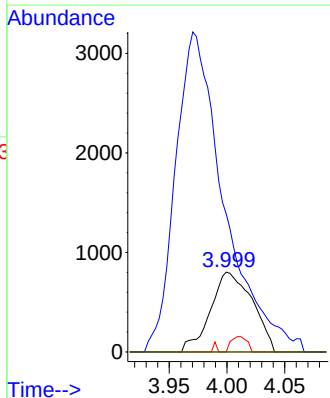
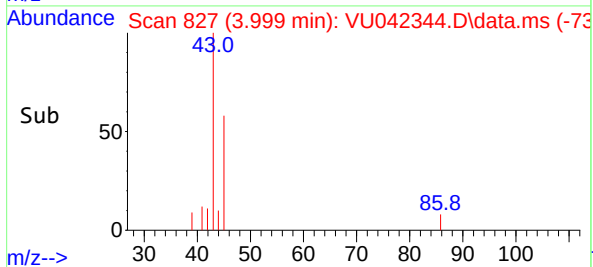
Tgt Ion: 96 Resp: 601
Ion Ratio Lower Upper
96 100
61 96.5 122.4 183.6#
98 47.2 51.9 77.9#



#22
Diisopropyl ether
Concen: 0.41 ug/l
RT: 3.999 min Scan# 827
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



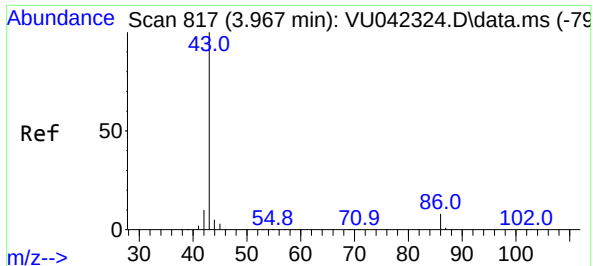
Tgt Ion: 45 Resp: 2027
Ion Ratio Lower Upper
45 100
43 141.2 73.0 109.6#
87 0.0 19.5 29.3#
59 0.0 8.6 12.8#



Instrument :
MSVOA_U
ClientSampled :
MDL03

Manual Integrations
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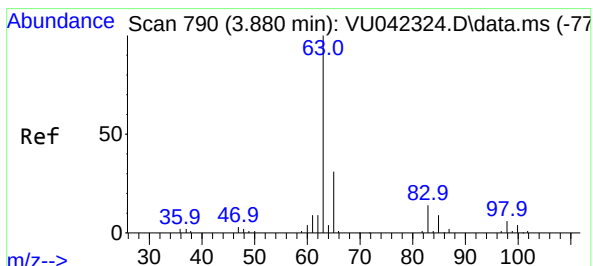
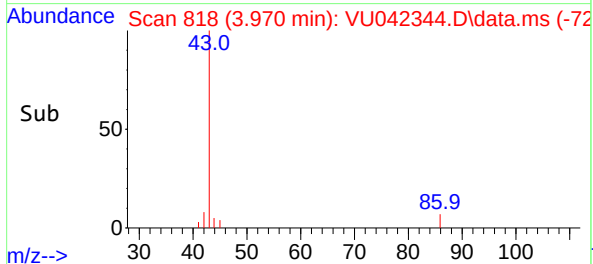
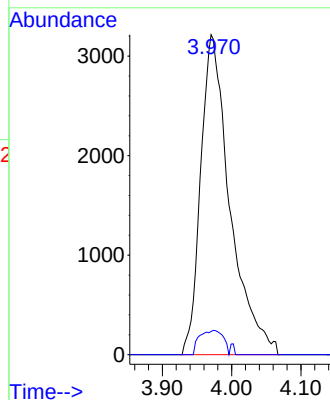
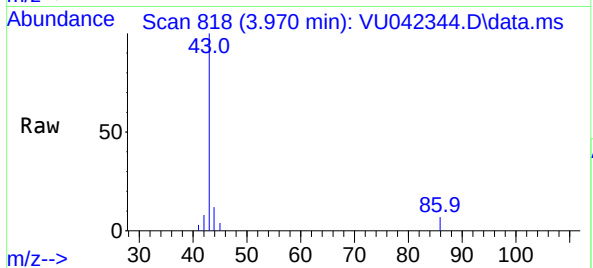
#23
Vinyl Acetate
Concen: 2.00 ug/l
RT: 3.970 min Scan# 818
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 43 Resp: 9449
Ion Ratio Lower Upper
43 100
86 7.3 6.7 10.1

Instrument :
MSVOA_U
ClientSampleId :
MDL03

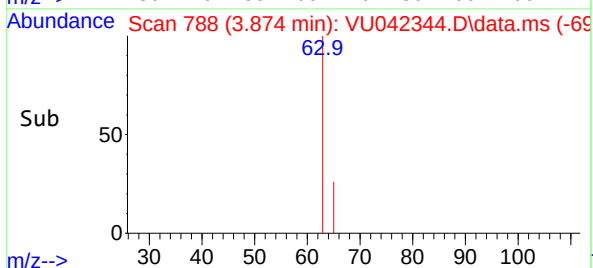
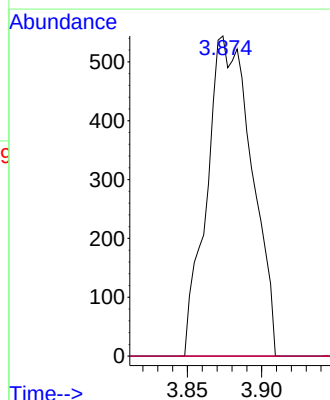
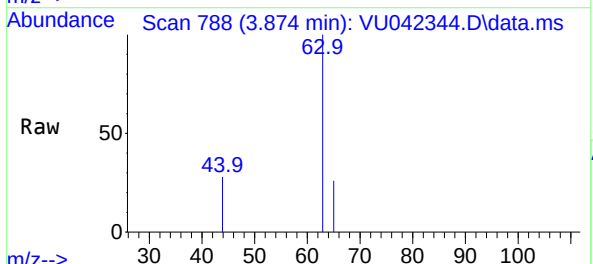
Manual Integrations
APPROVED

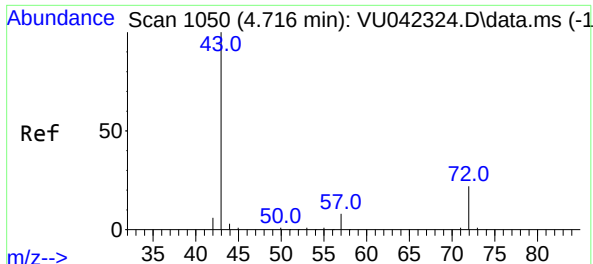
MMDadoda
2/19/2021 2:45:19 PM



#24
1,1-Dichloroethane
Concen: 0.44 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.006 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

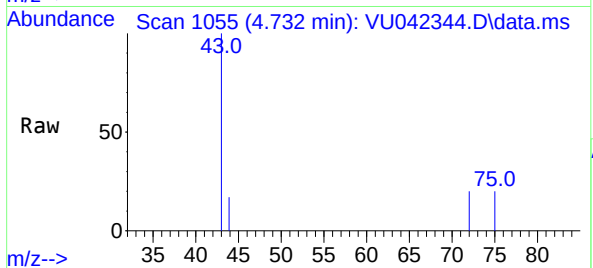
Tgt Ion: 63 Resp: 1147
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.3#
100 0.0 2.1 6.2#





#25
2-Butanone
Concen: 2.29 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.016 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

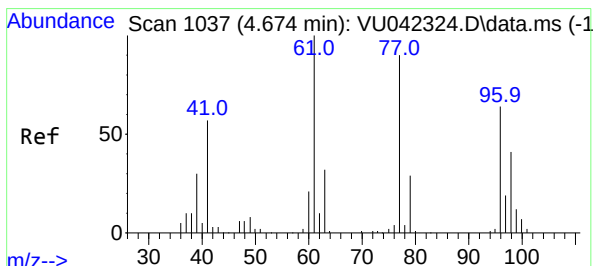
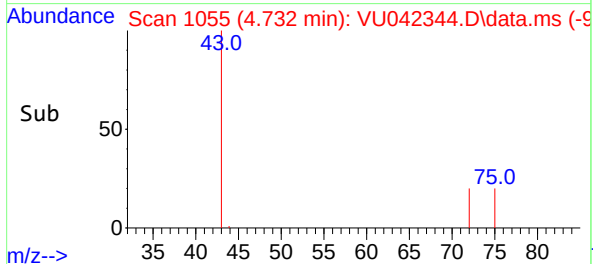
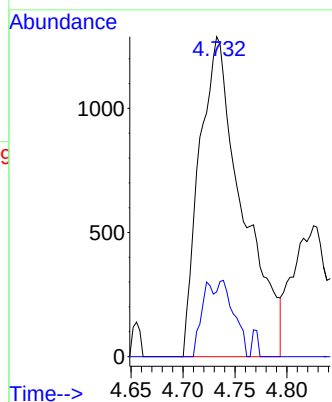
Instrument :
MSVOA_U
ClientSampled :
MDL03



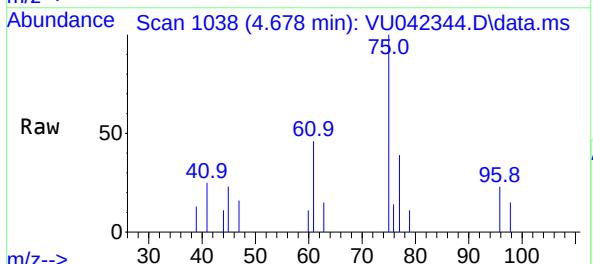
Tgt Ion: 43 Resp: 3679
Ion Ratio Lower Upper
43 100
72 20.2 17.4 26.0

Manual Integrations
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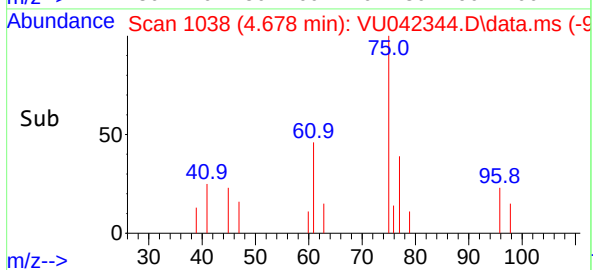
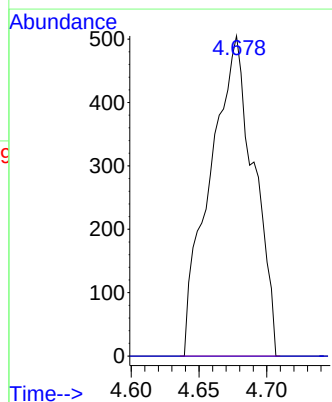
MMDadoda
2/19/2021 2:45:19 PM

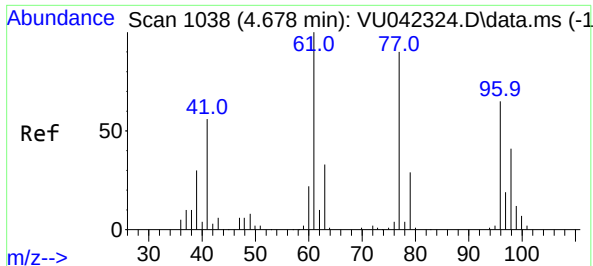


#26
2,2-Dichloropropane
Concen: 0.48 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



Tgt Ion: 77 Resp: 1135
Ion Ratio Lower Upper
77 100
97 0.0 10.6 31.8#





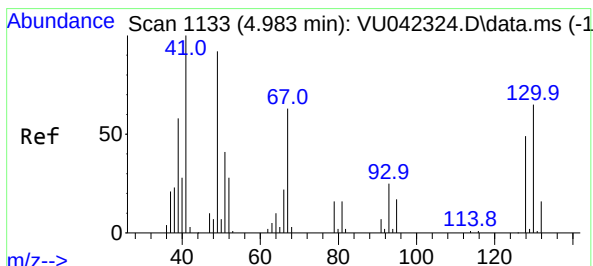
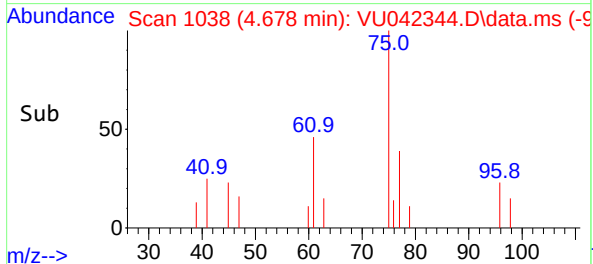
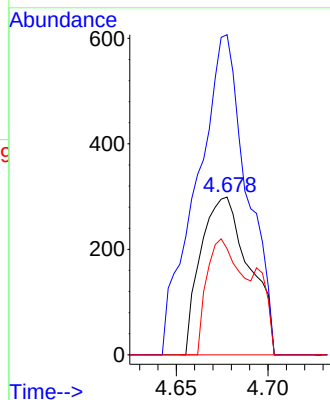
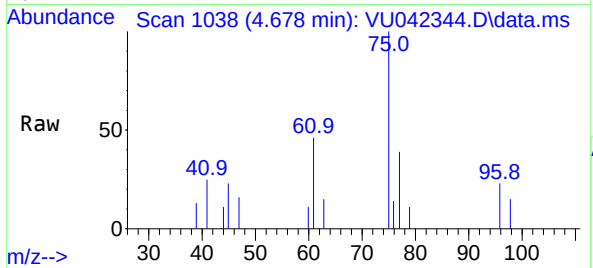
#27
cis-1,2-Dichloroethene
Concen: 0.37 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:	96	Resp:	551
Ion	Ratio	Lower	Upper
96	100		
61	210.0	0.0	322.2
98	53.7	0.0	128.6

Instrument :
MSVOA_U
ClientSampled :
MDL03

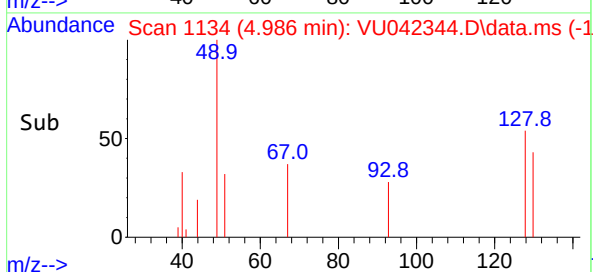
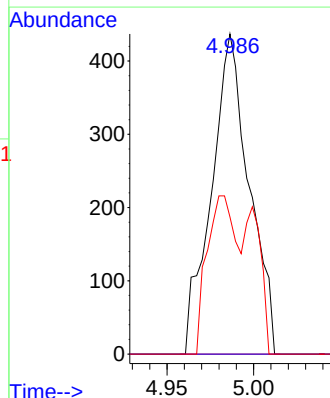
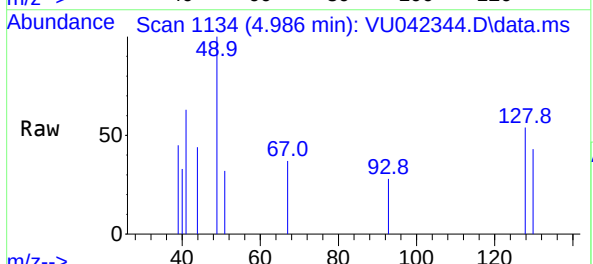
Manual Integrations
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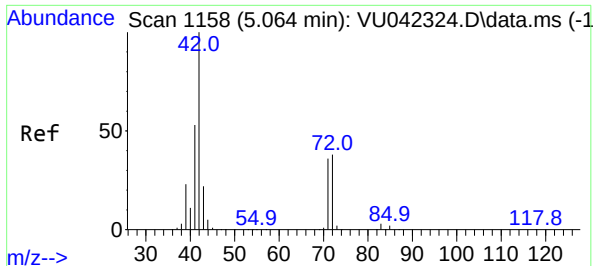
MMDadoda
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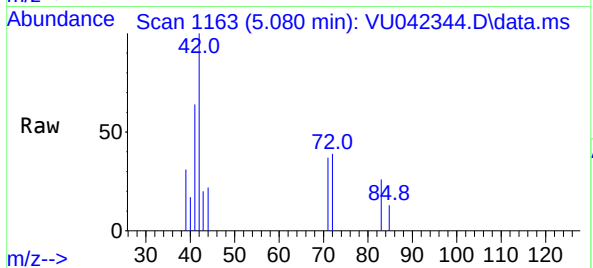
#28
Bromochloromethane
Concen: 0.50 ug/l
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:	49	Resp:	665
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	39.2	57.1	85.7#

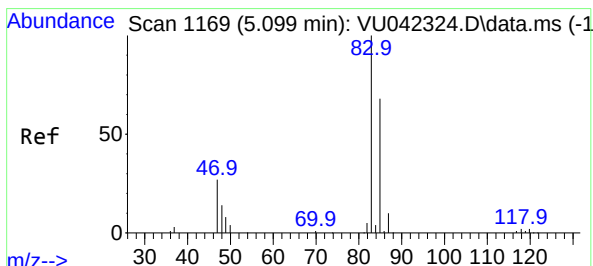
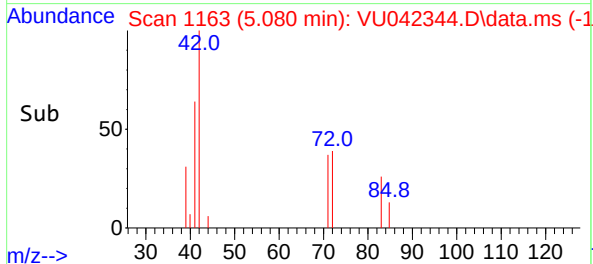
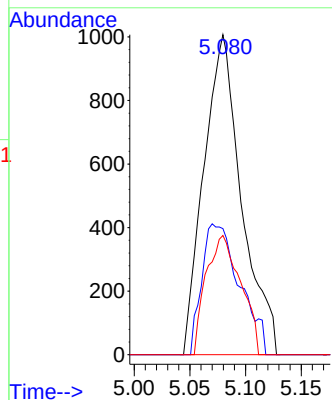




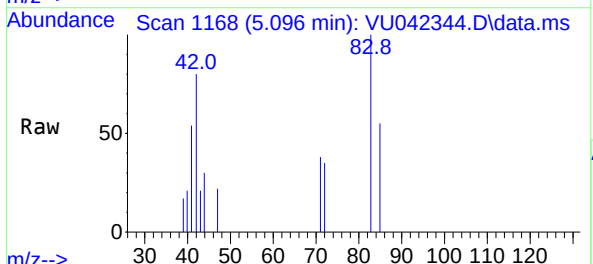
#29
Tetrahydrofuran
Concen: 2.37 ug/l
RT: 5.080 min Scan# 1163
Delta R.T. 0.016 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



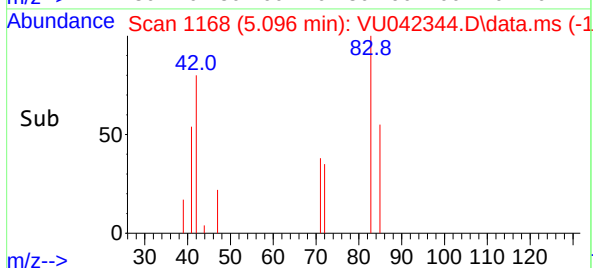
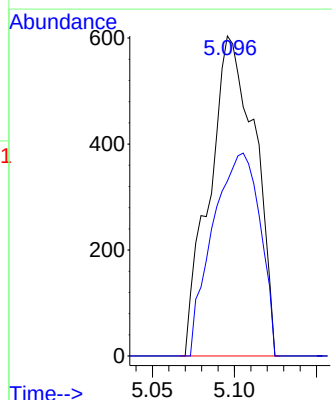
Tgt Ion:	42	Resp:	2366
Ion	Ratio	Lower	Upper
42	100		
72	41.0	31.5	47.3
71	34.3	29.5	44.3



#30
Chloroform
Concen: 0.44 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



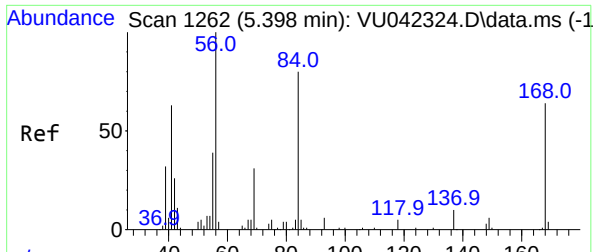
Tgt Ion:	83	Resp:	1162
Ion	Ratio	Lower	Upper
83	100		
85	54.6	54.6	81.8



Instrument :
MSVOA_U
ClientSampleId :
MDL03

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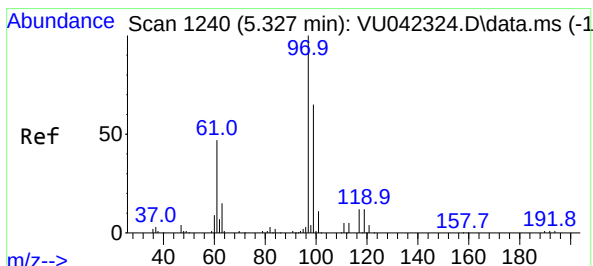
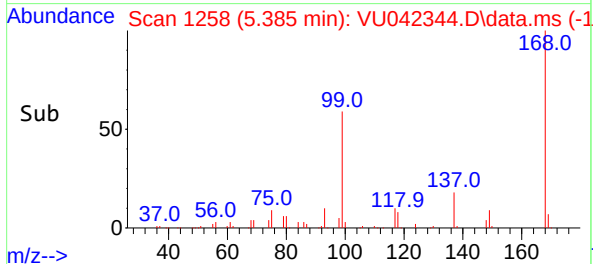
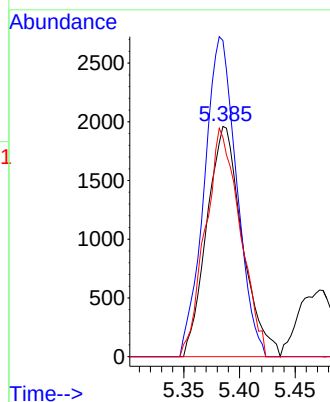
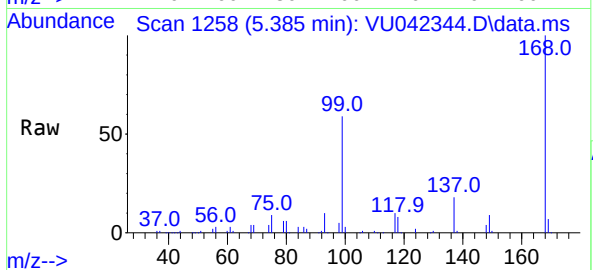
#31
Cyclohexane
Concen: 1.70 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 56 Resp: 4347
Ion Ratio Lower Upper
56 100
69 137.3 24.9 37.3#
84 95.3 63.7 95.5

Instrument :
MSVOA_U
ClientSampled :
MDL03

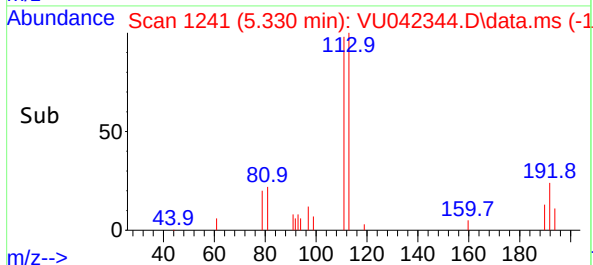
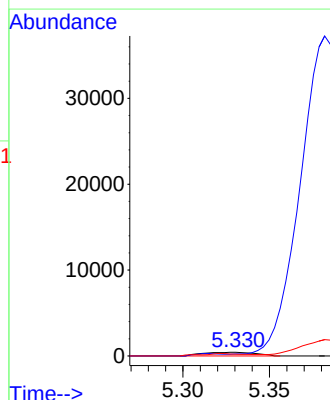
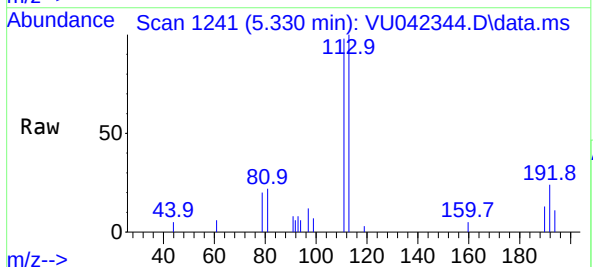
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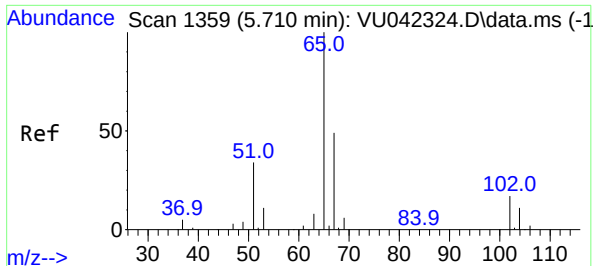
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#32
1,1,1-Trichloroethane
Concen: 0.38 ug/l
RT: 5.330 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 97 Resp: 907
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 59.5 37.4 56.2#





#33

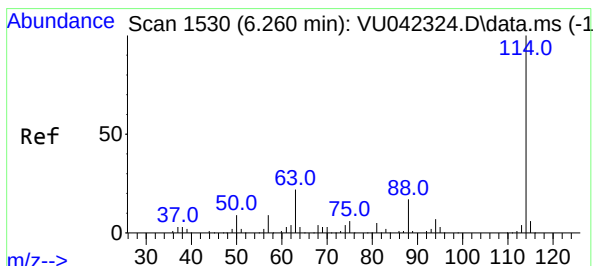
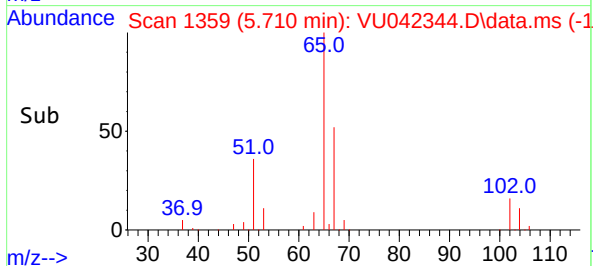
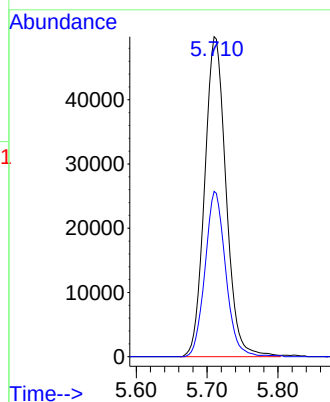
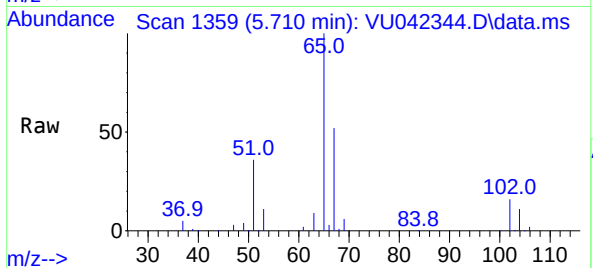
1,2-Dichloroethane-d4
Concen: 53.62 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 65 Resp: 104465
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.8

Instrument :
MSVOA_U
ClientSampled :
MDL03

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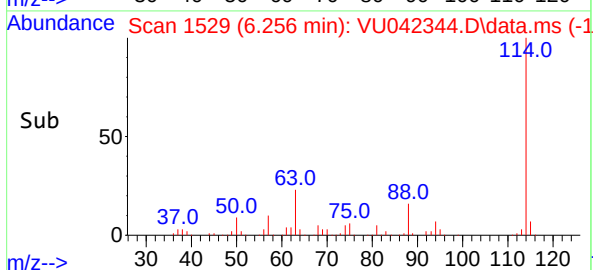
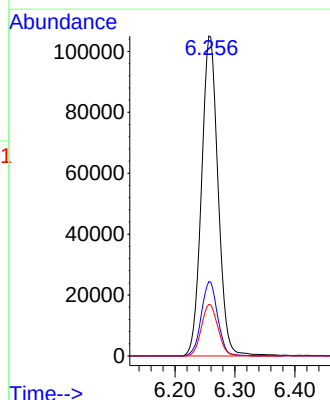
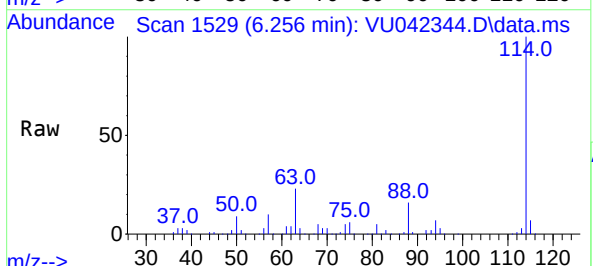
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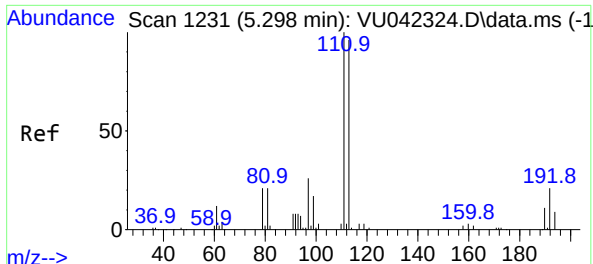


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 114 Resp: 201860
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.2
88 16.1 0.0 33.4





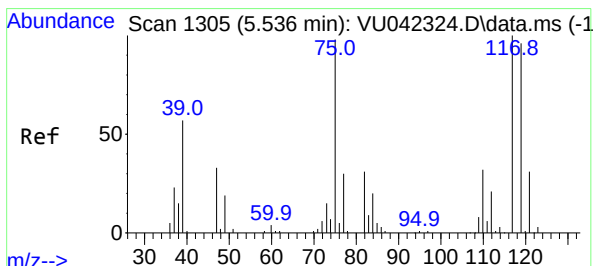
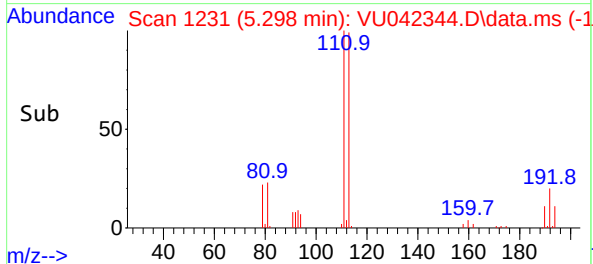
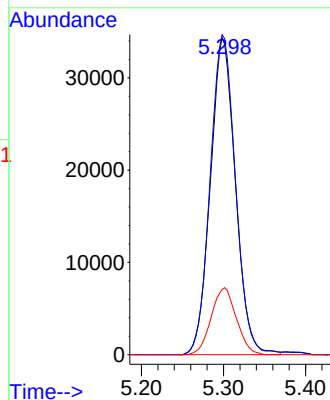
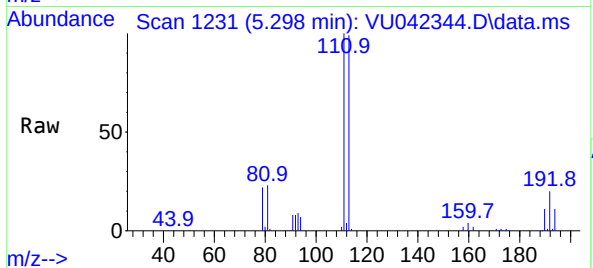
#35
Dibromofluoromethane
Concen: 51.16 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:	113	Resp:	72894
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.8	122.8
192	21.2	17.2	25.8

Instrument :
MSVOA_U
ClientSampled :
MDL03

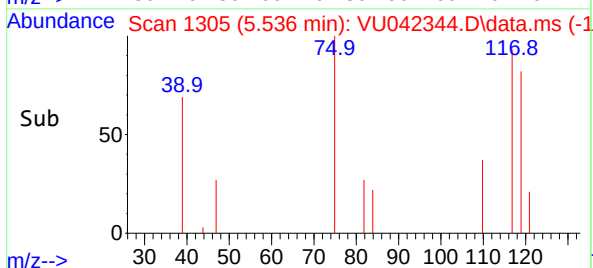
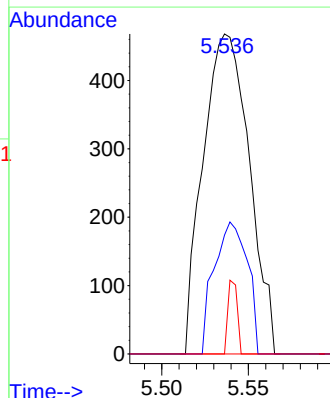
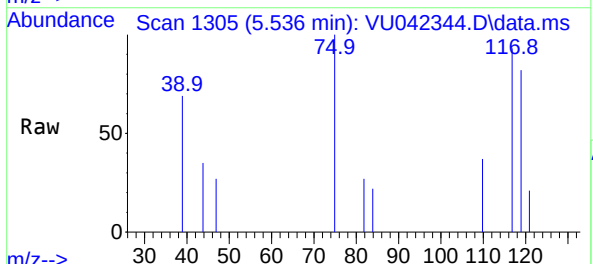
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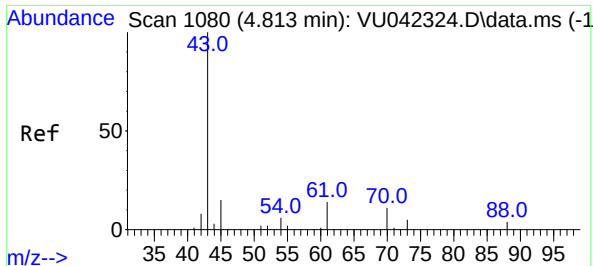
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#36
1,1-Dichloropropene
Concen: 0.43 ug/l
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:	75	Resp:	868
Ion Ratio	Lower	Upper	
75	100		
110	29.7	16.8	50.3
77	4.6	24.8	37.2#





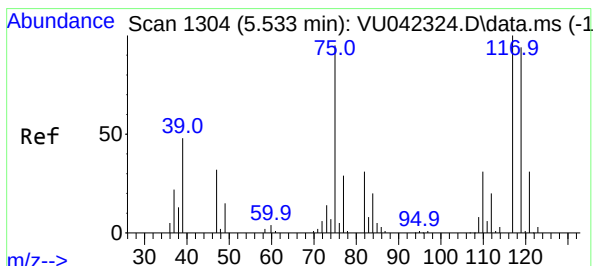
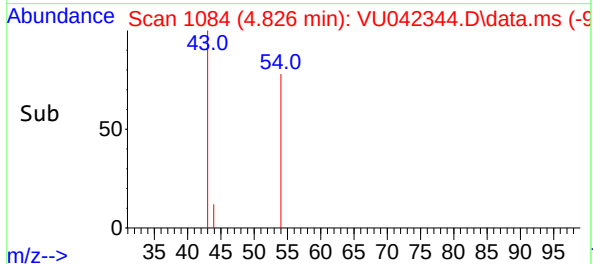
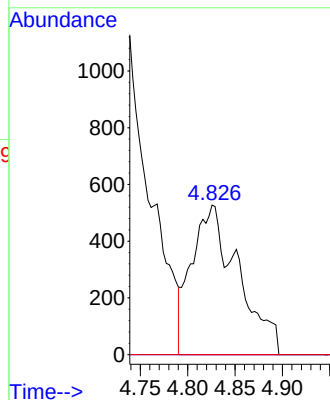
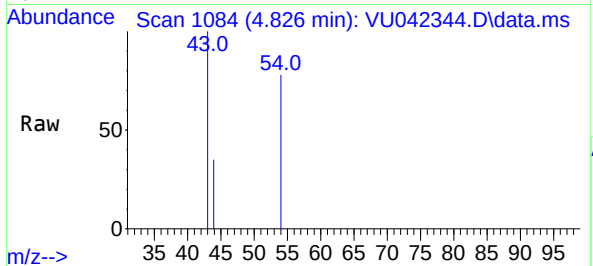
#37
Ethyl Acetate
Concen: 0.58 ug/l m
RT: 4.826 min Scan# 1084
Delta R.T. 0.013 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 43	Resp: 1801
Ion Ratio	Lower Upper
43	100
61	0.0 10.1 15.1#
70	0.0 7.2 10.8#

Instrument :
MSVOA_U
ClientSampled :
MDL03

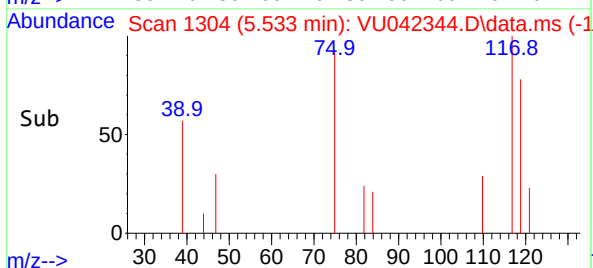
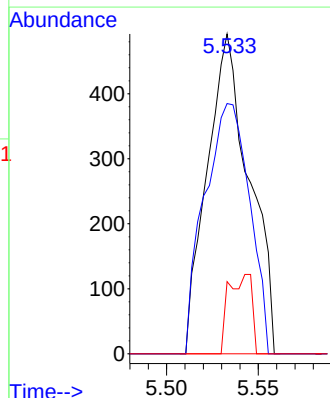
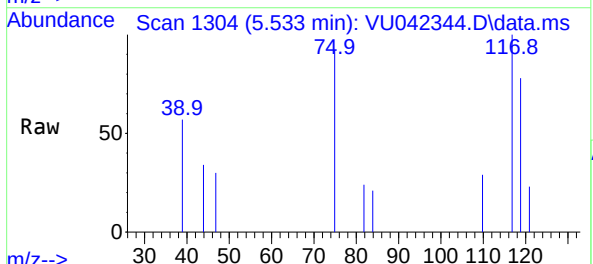
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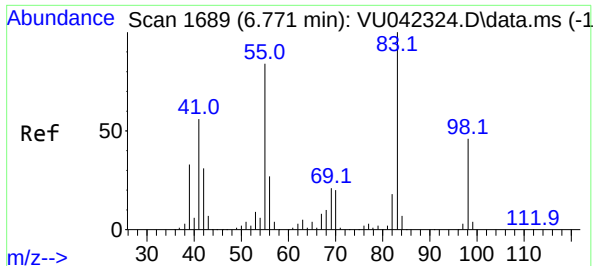
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#38
Carbon Tetrachloride
Concen: 0.37 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 117	Resp: 787
Ion Ratio	Lower Upper
117	100
119	78.3 75.5 113.3
121	22.6 24.7 37.1#





#39

Methylcyclohexane

Concen: 0.44 ug/l

RT: 6.774 min Scan# 1690

Delta R.T. 0.003 min

Lab File: VU042344.D

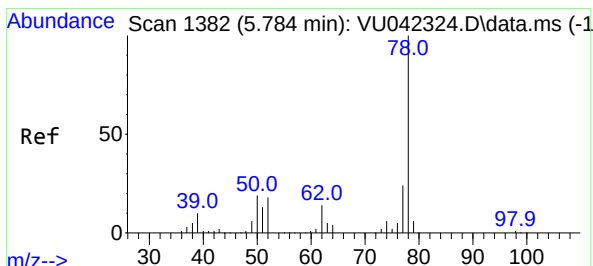
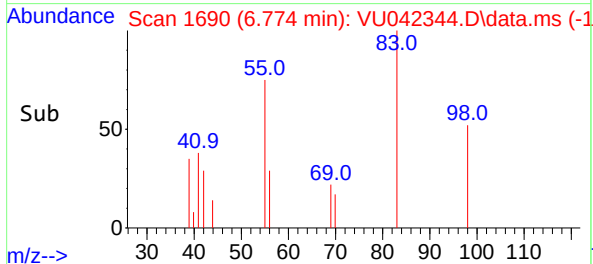
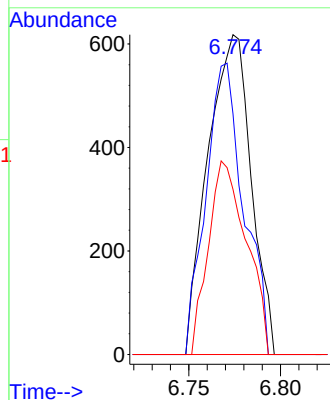
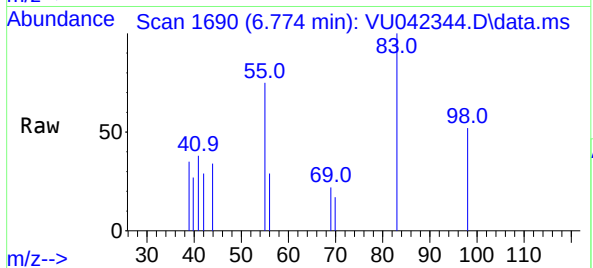
Acq: 18 Feb 2021 12:26

Tgt Ion:	83	Resp:	1012
Ion	Ratio	Lower	Upper
83	100		
55	75.2	66.8	100.2
98	51.6	36.9	55.3

Instrument :
MSVOA_U
ClientSampled :
MDL03

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#40

Benzene

Concen: 0.40 ug/l

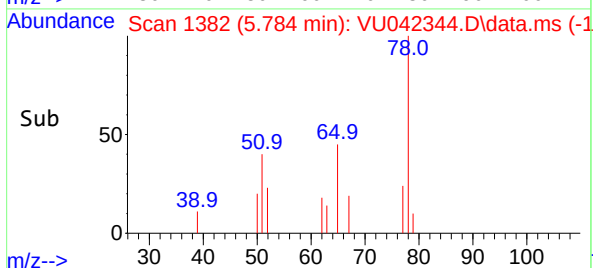
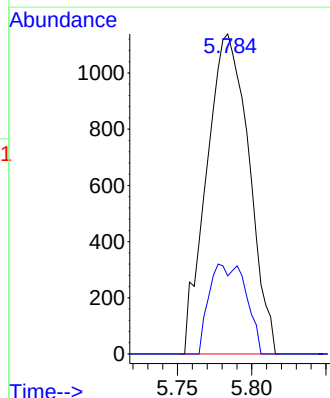
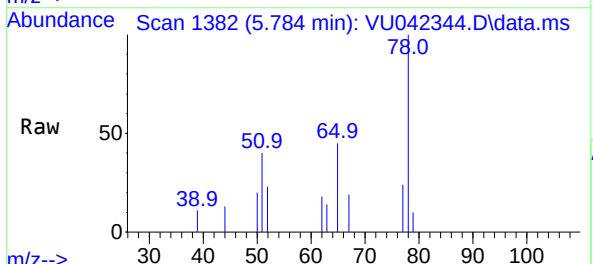
RT: 5.784 min Scan# 1382

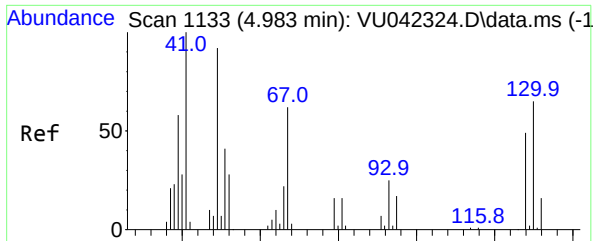
Delta R.T. 0.000 min

Lab File: VU042344.D

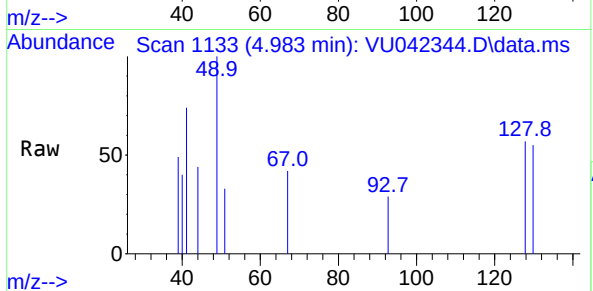
Acq: 18 Feb 2021 12:26

Tgt Ion:	78	Resp:	2251
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9

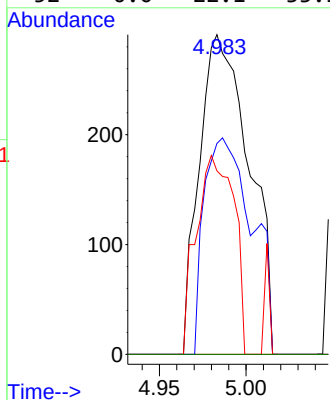
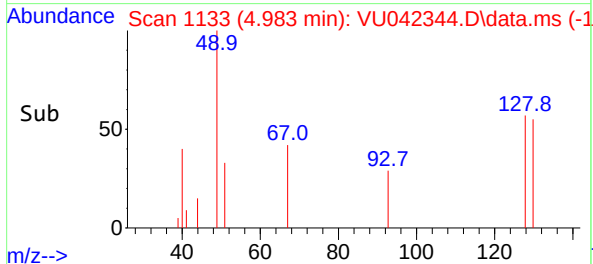




#41
Methacrylonitrile
Concen: 0.36 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



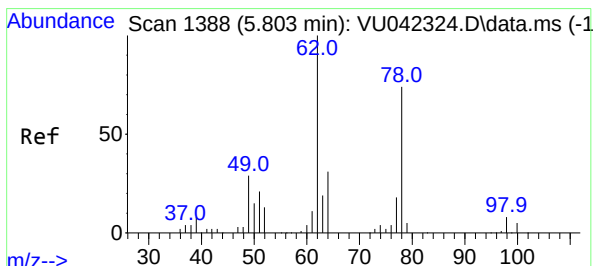
Tgt Ion: 41 Resp: 583
Ion Ratio Lower Upper
41 100
39 64.8 45.1 67.7
67 47.0 50.2 75.2#
52 0.0 22.1 33.1#



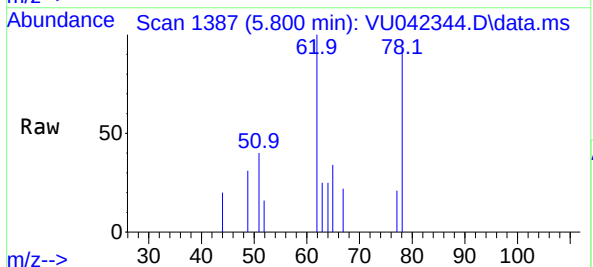
Instrument :
MSVOA_U
ClientSampled :
MDL03

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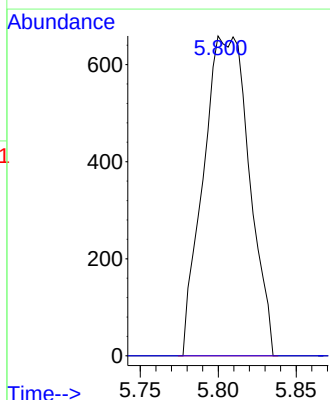
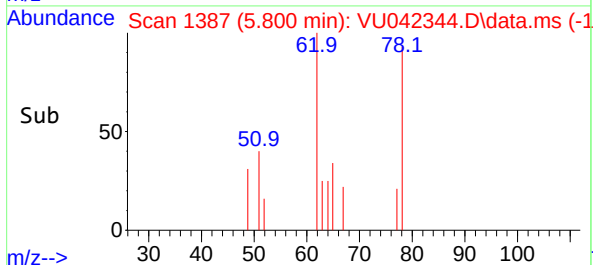
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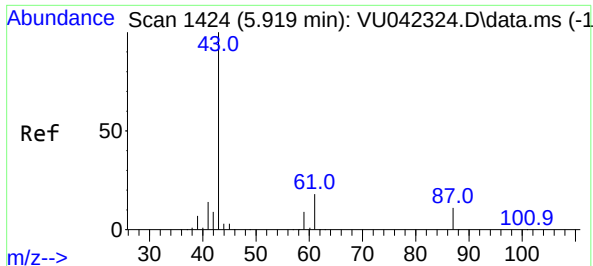


#42
1,2-Dichloroethane
Concen: 0.55 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



Tgt Ion: 62 Resp: 1352
Ion Ratio Lower Upper
62 100
98 0.0 0.0 14.8





#43

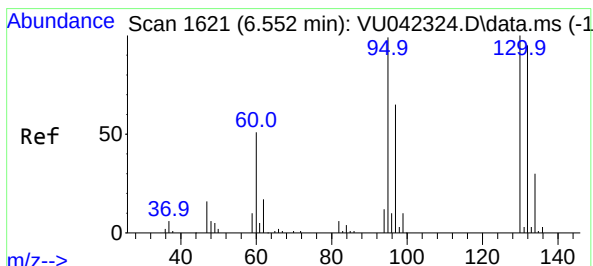
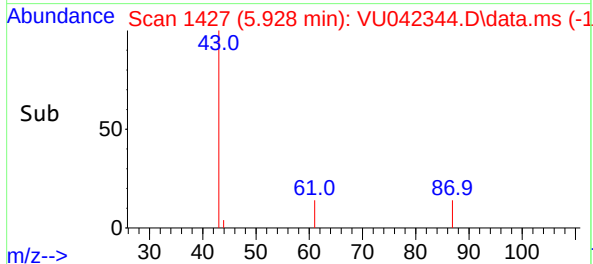
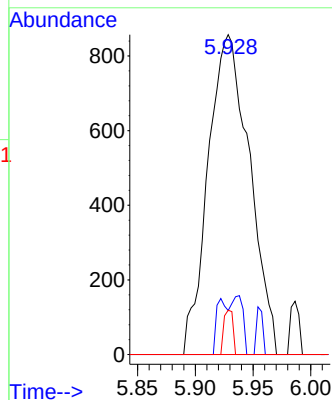
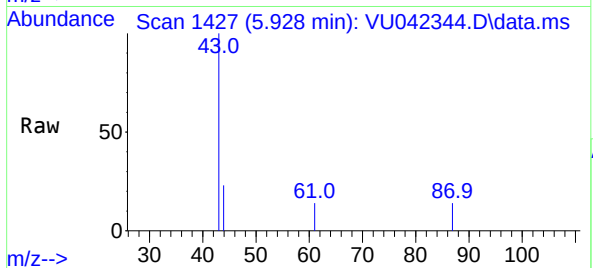
Isopropyl Acetate
Concen: 0.47 ug/l
RT: 5.928 min Scan# 1427
Delta R.T. 0.010 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 43 Resp: 2142
Ion Ratio Lower Upper
43 100
61 4.8 14.4 21.6#
87 3.0 8.8 13.2#

Instrument :
MSVOA_U
ClientSampled :
MDL03

Manual Integrations
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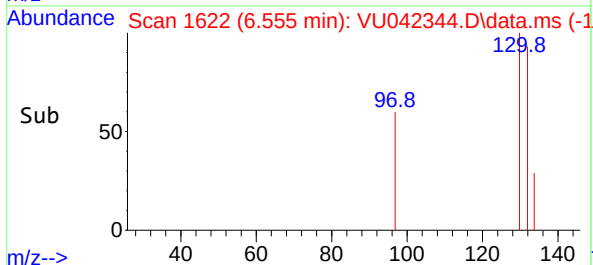
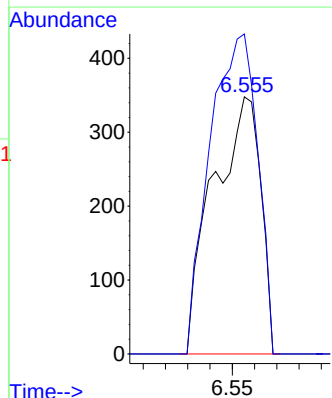
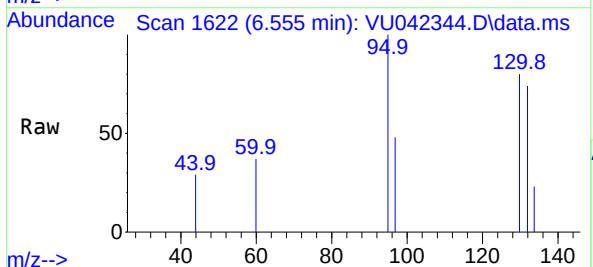
MMDadoda
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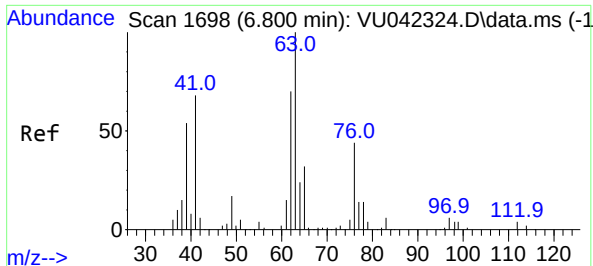


#44

Trichloroethene
Concen: 0.34 ug/l
RT: 6.555 min Scan# 1622
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 130 Resp: 512
Ion Ratio Lower Upper
130 100
95 124.4 0.0 197.8





#45

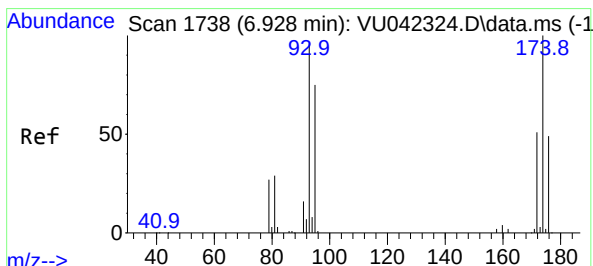
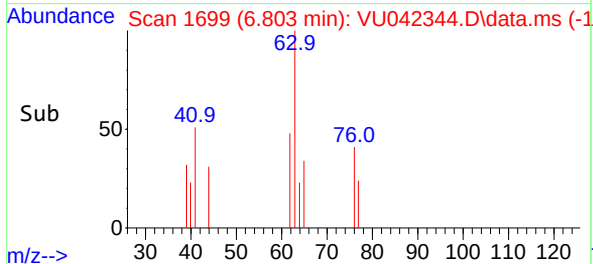
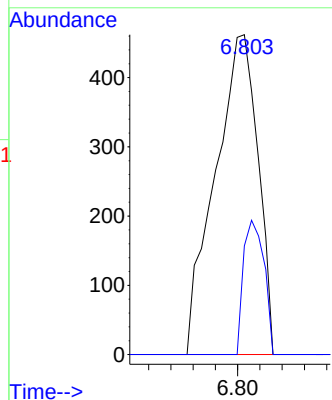
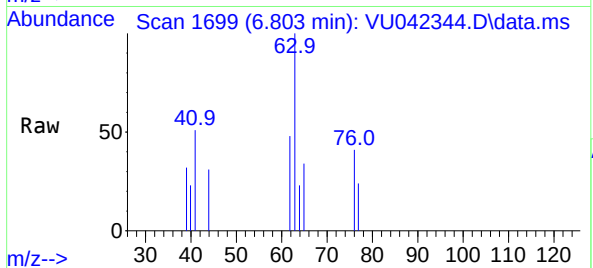
1,2-Dichloropropane
Concen: 0.40 ug/l
RT: 6.803 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 63 Resp: 617
Ion Ratio Lower Upper
63 100
65 34.0 25.4 38.2

Instrument :
MSVOA_U
ClientSampled :
MDL03

Manual Integrations
APPROVED

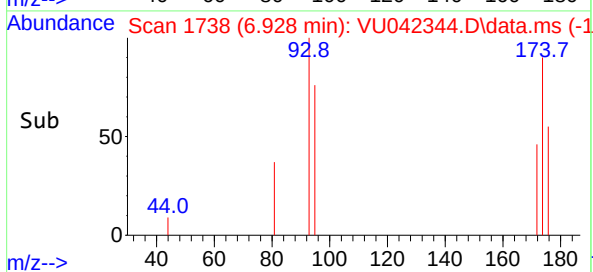
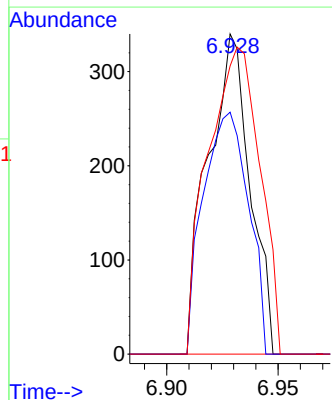
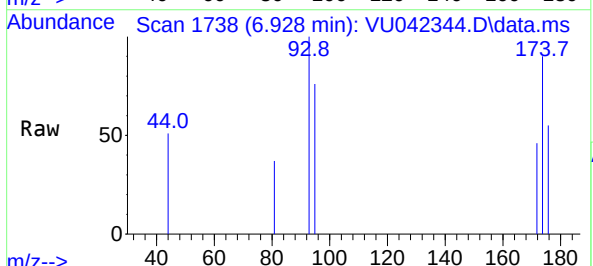
MMDadoda
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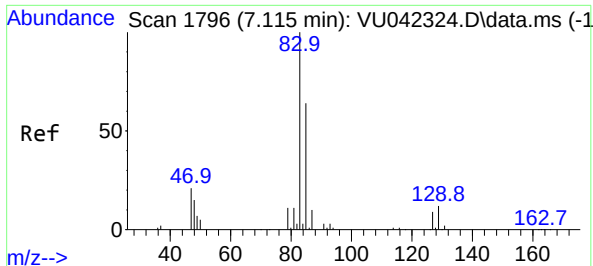


#46

Dibromomethane
Concen: 0.41 ug/l
RT: 6.928 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

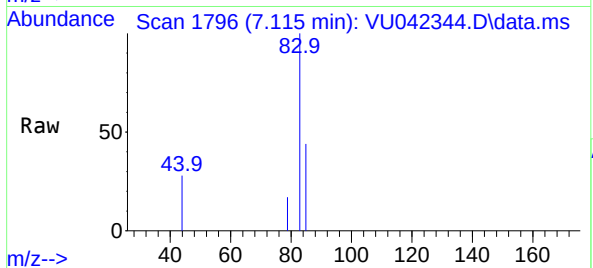
Tgt Ion: 93 Resp: 447
Ion Ratio Lower Upper
93 100
95 81.2 63.6 95.4
174 118.8 83.4 125.2





#47
Bromodichloromethane
Concen: 0.49 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

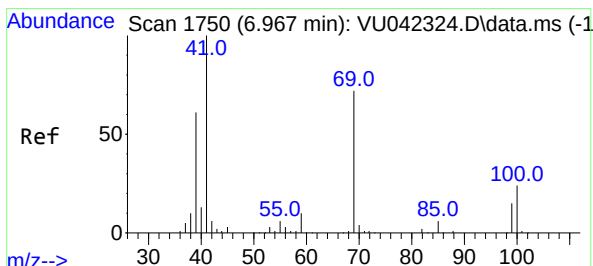
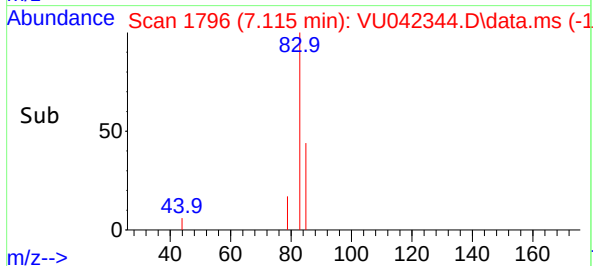
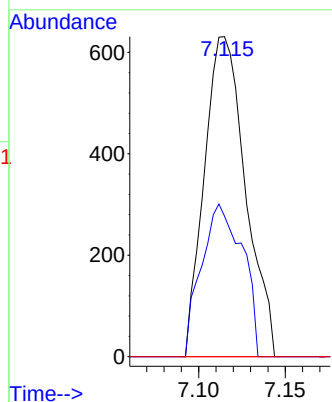
Instrument :
MSVOA_U
ClientSampled :
MDL03



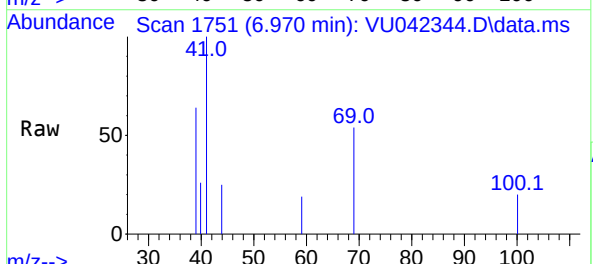
Tgt Ion: 83 Resp: 1045
Ion Ratio Lower Upper
83 100
85 43.9 51.3 76.9#
127 0.0 6.9 10.3#

Manual Integrations
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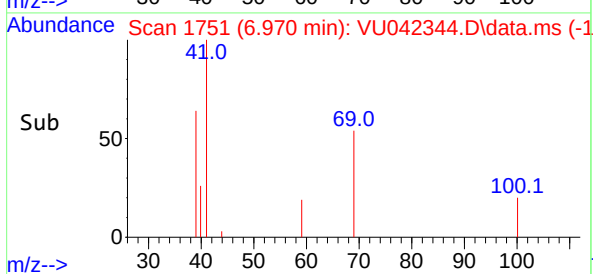
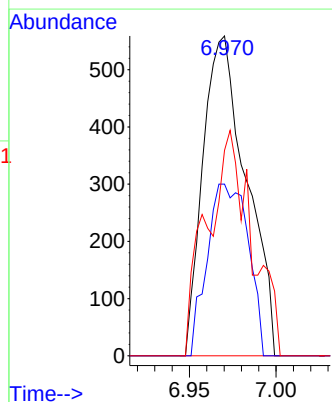
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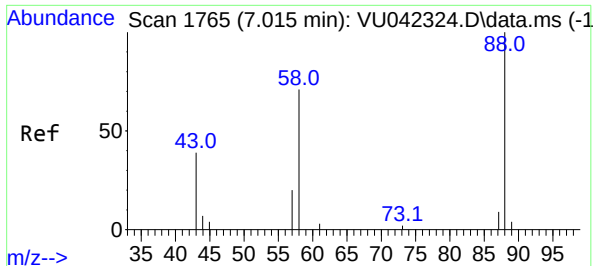


#48
Methyl methacrylate
Concen: 0.43 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

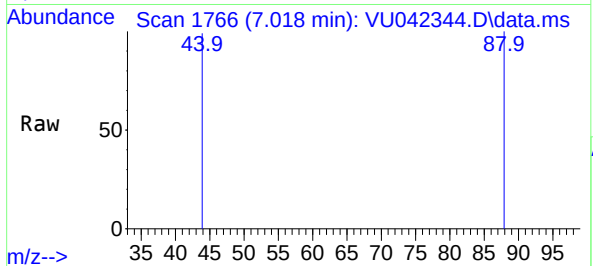


Tgt Ion: 41 Resp: 973
Ion Ratio Lower Upper
41 100
69 50.7 57.0 85.6#
39 27.7 48.4 72.6#

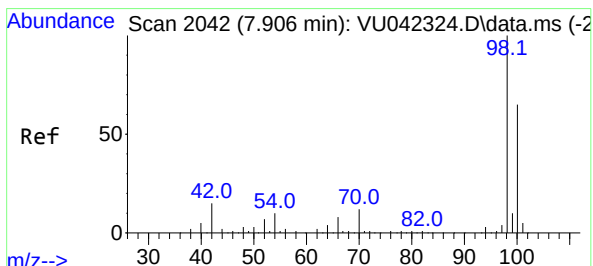
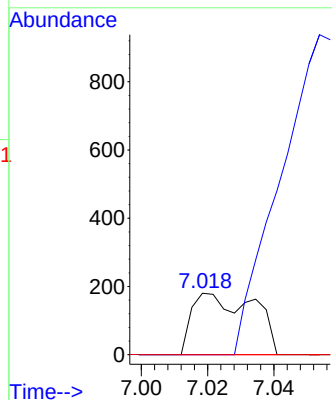
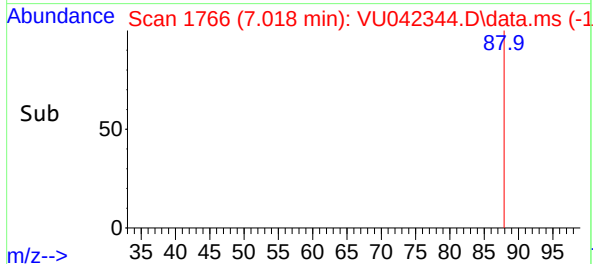




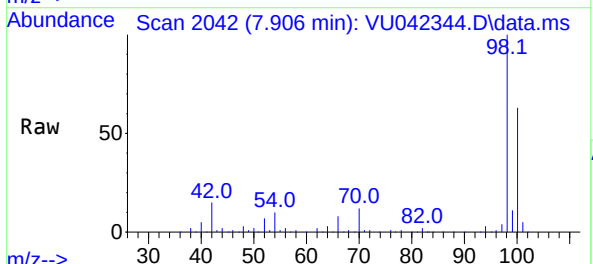
#49
1,4-Dioxane
Concen: 5.33 ug/l m
RT: 7.018 min Scan# 1766
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



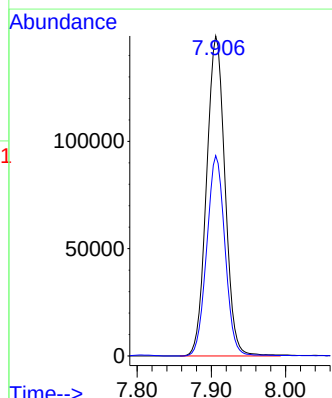
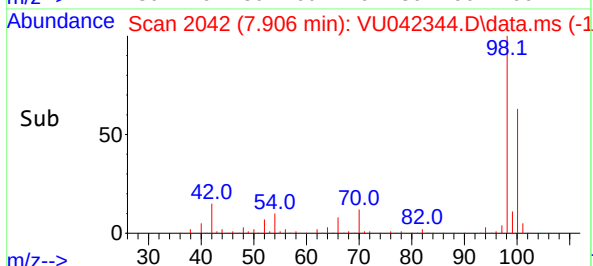
Tgt Ion: 88 Resp: 231
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.4 90.6#



#50
Toluene-d8
Concen: 50.40 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



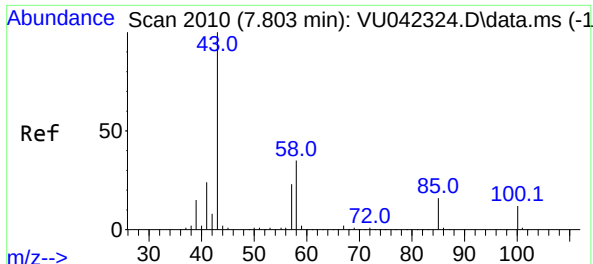
Tgt Ion: 98 Resp: 257160
Ion Ratio Lower Upper
98 100
100 61.9 50.2 75.2



Instrument :
MSVOA_U
ClientSampled :
MDL03

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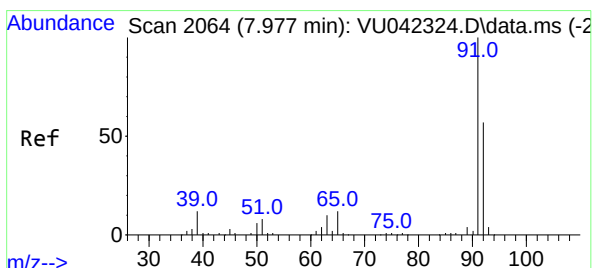
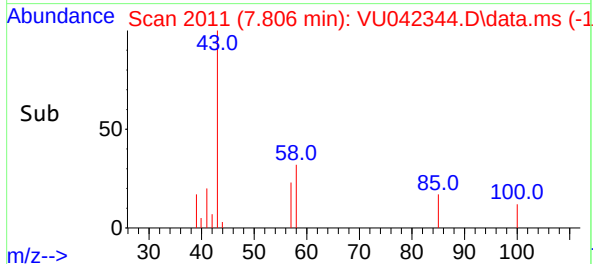
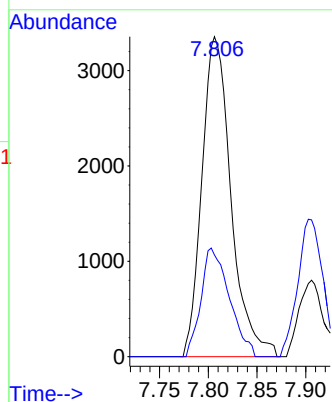
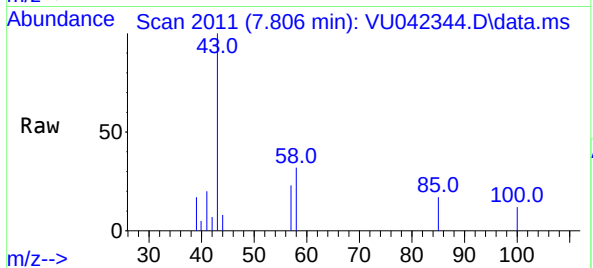
#51
4-Methyl-2-Pentanone
Concen: 2.26 ug/l
RT: 7.806 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 43 Resp: 6976
Ion Ratio Lower Upper
43 100
58 33.0 28.1 42.1

Instrument :
MSVOA_U
ClientSampled :
MDL03

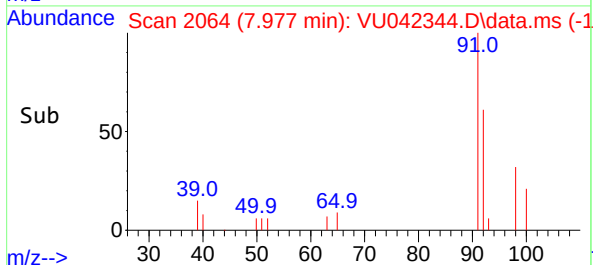
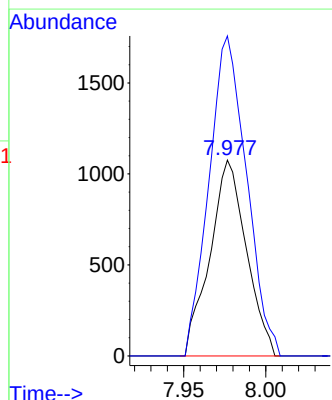
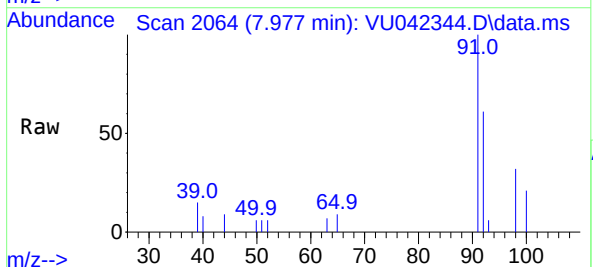
Manual Integrations
APPROVED

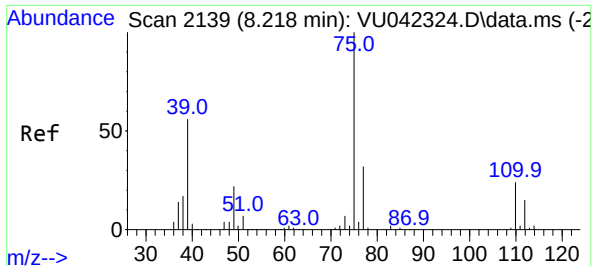
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#52
Toluene
Concen: 0.48 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 92 Resp: 1662
Ion Ratio Lower Upper
92 100
91 168.1 140.3 210.5





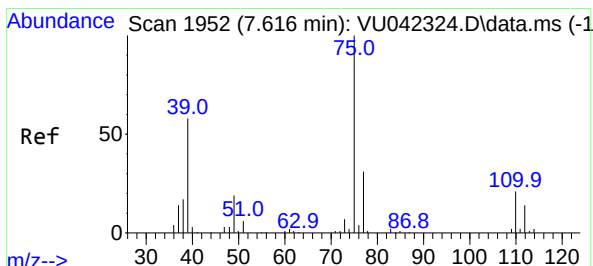
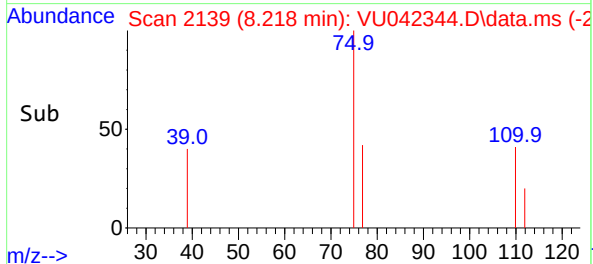
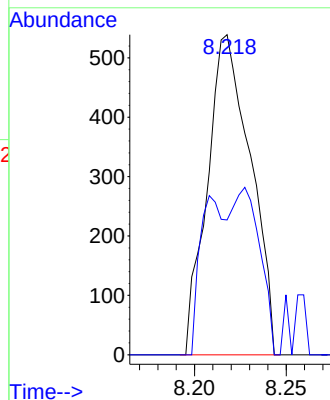
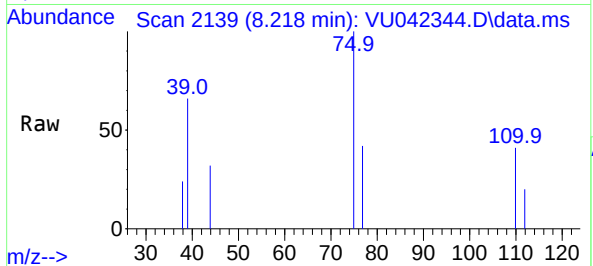
#53
 t-1,3-Dichloropropene
 Concen: 0.38 ug/l
 RT: 8.218 min Scan# 2139
 Delta R.T. 0.000 min
 Lab File: VU042344.D
 Acq: 18 Feb 2021 12:26

Tgt Ion: 75 Resp: 884
 Ion Ratio Lower Upper
 75 100
 77 42.1 25.6 38.4#

Instrument :
 MSVOA_U
 ClientSampled :
 MDL03

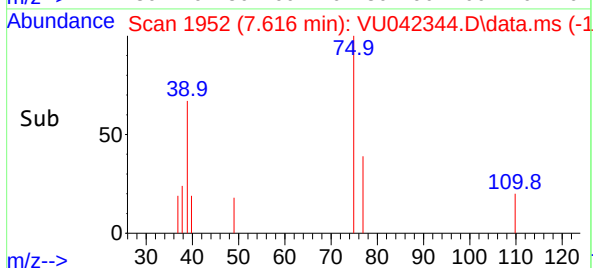
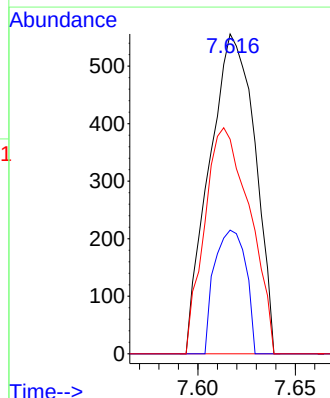
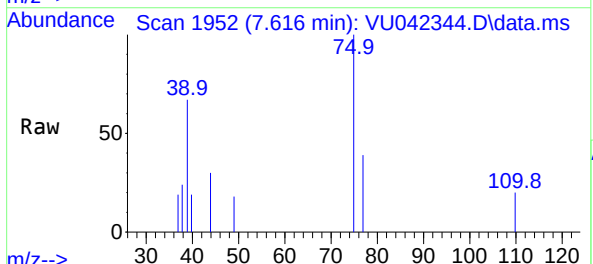
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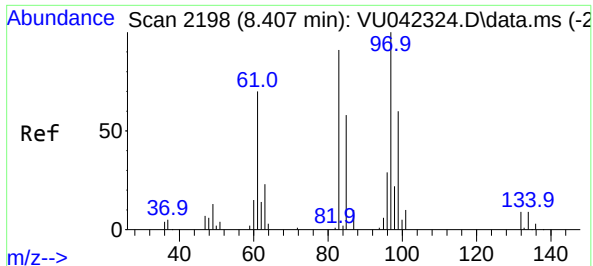
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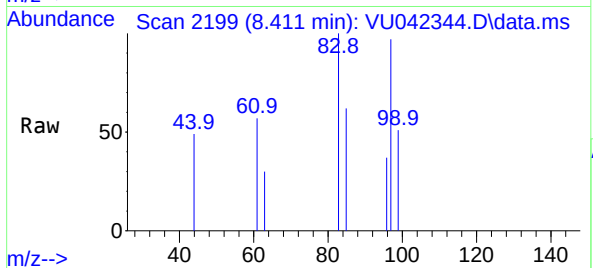
#54
 cis-1,3-Dichloropropene
 Concen: 0.36 ug/l
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042344.D
 Acq: 18 Feb 2021 12:26

Tgt Ion: 75 Resp: 905
 Ion Ratio Lower Upper
 75 100
 77 38.7 24.6 37.0#
 39 67.1 46.1 69.1



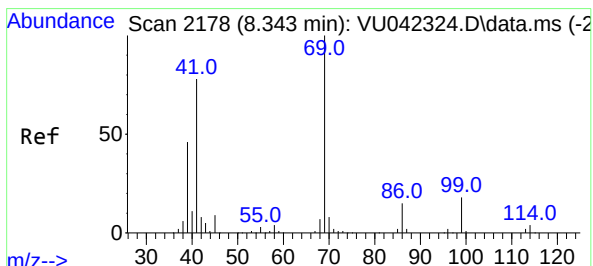
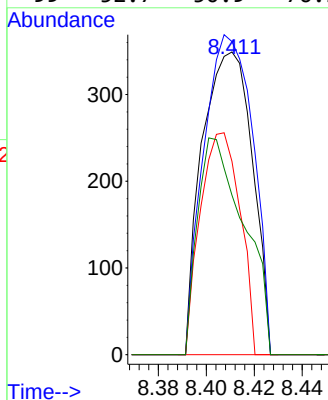
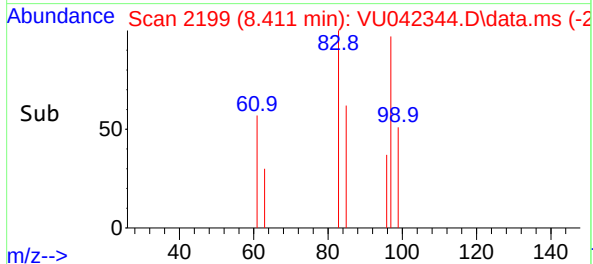


#55
1,1,2-Trichloroethane
Concen: 0.35 ug/l
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

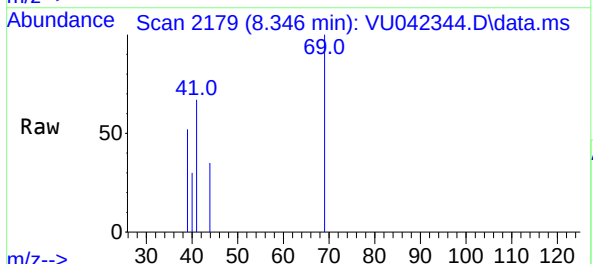


Tgt Ion: 97 Resp: 508

Ion	Ratio	Lower	Upper
97	100		
83	103.4	72.6	109.0
85	63.9	46.6	69.8
99	52.7	50.9	76.3

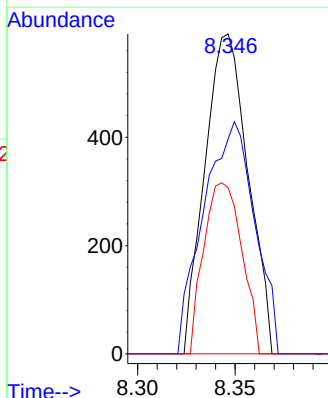
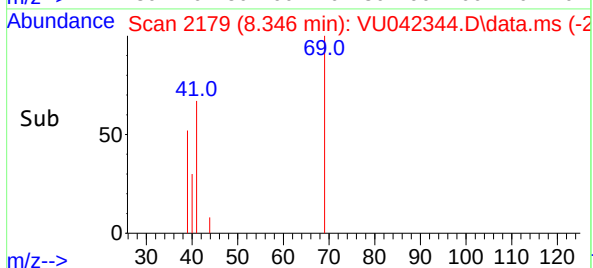


#56
Ethyl methacrylate
Concen: 0.37 ug/l
RT: 8.346 min Scan# 2179
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



Tgt Ion: 69 Resp: 911

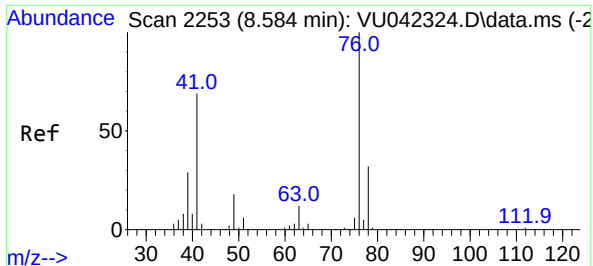
Ion	Ratio	Lower	Upper
69	100		
41	86.1	62.8	94.2
39	47.1	36.2	54.2



Instrument :
MSVOA_U
ClientSampled :
MDL03

Manual Integrations
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#57

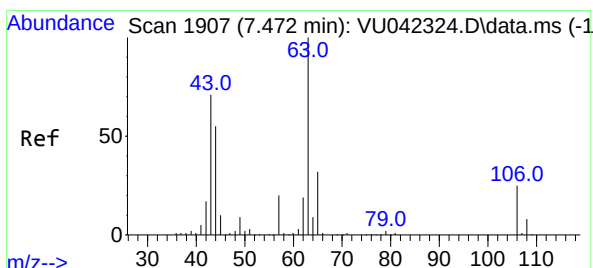
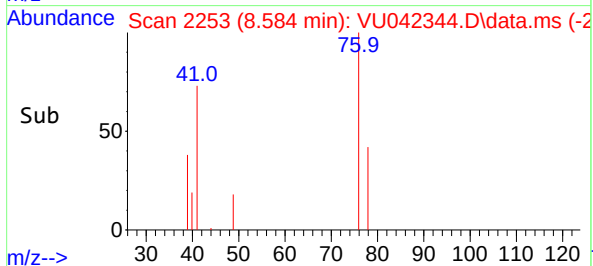
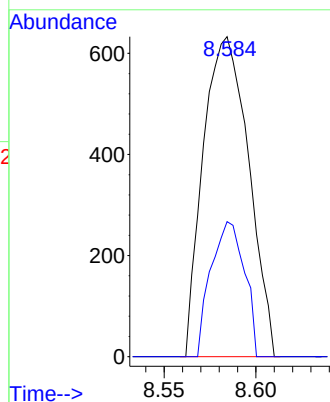
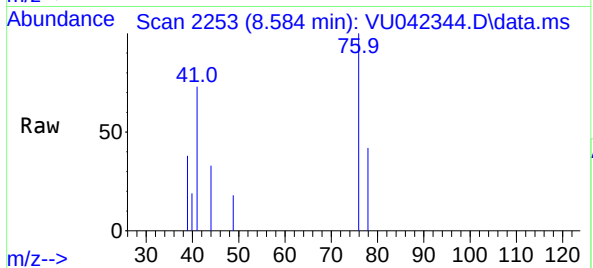
1,3-Dichloropropane
Concen: 0.43 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 76 Resp: 1088
Ion Ratio Lower Upper
76 100
78 31.1 25.7 38.5

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations
APPROVED

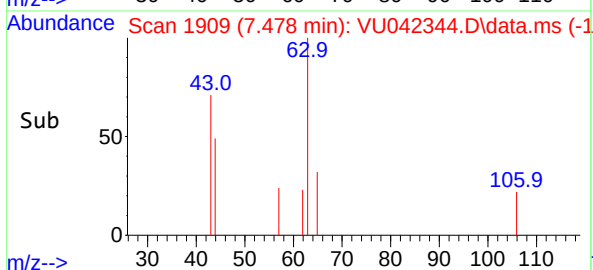
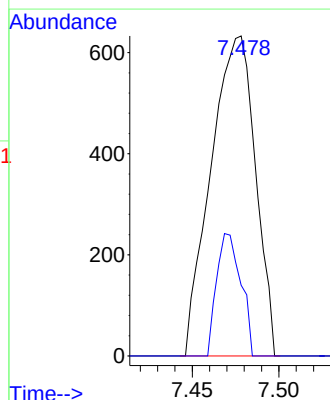
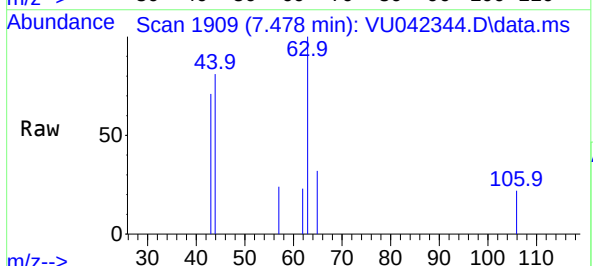
MMDadoda
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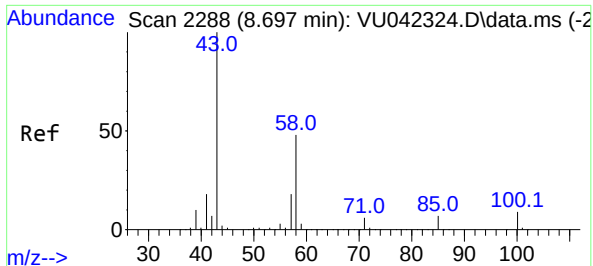


#58

2-Chloroethyl Vinyl ether
Concen: 1.36 ug/l
RT: 7.478 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 63 Resp: 1131
Ion Ratio Lower Upper
63 100
106 20.8 20.3 30.5





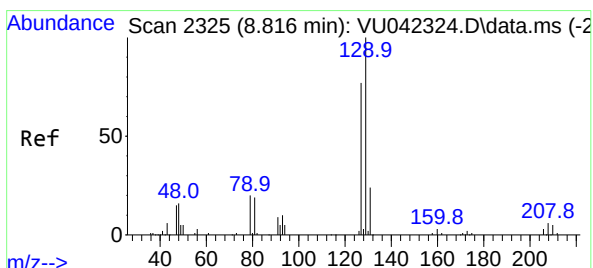
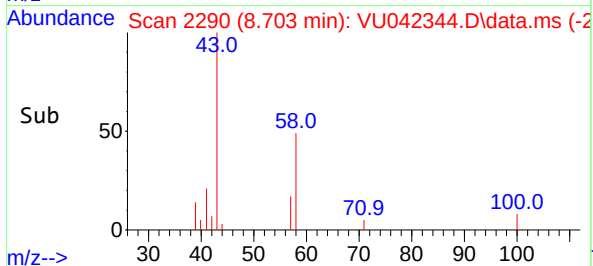
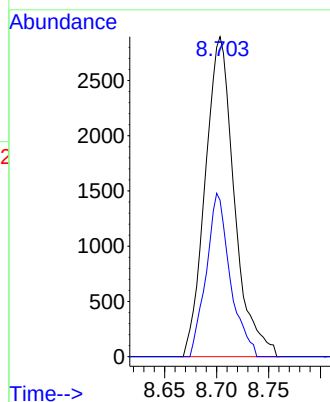
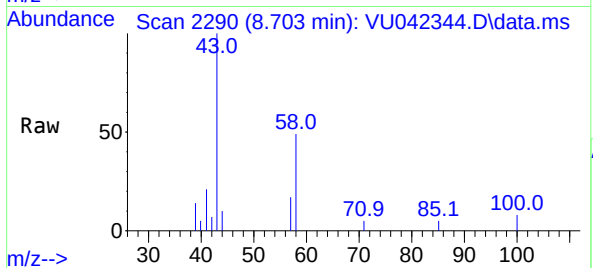
#59
2-Hexanone
Concen: 2.29 ug/l
RT: 8.703 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 43 Resp: 5639
Ion Ratio Lower Upper
43 100
58 41.9 24.0 72.0

Instrument :
MSVOA_U
ClientSampled :
MDL03

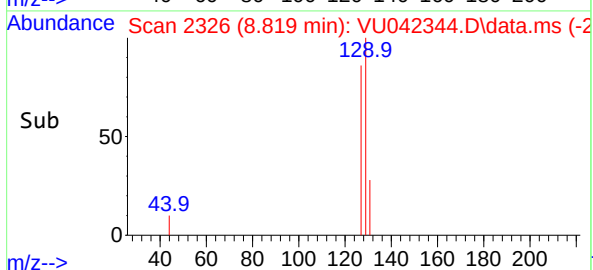
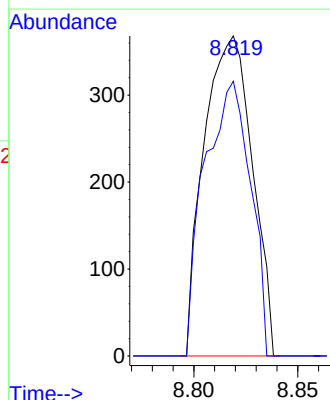
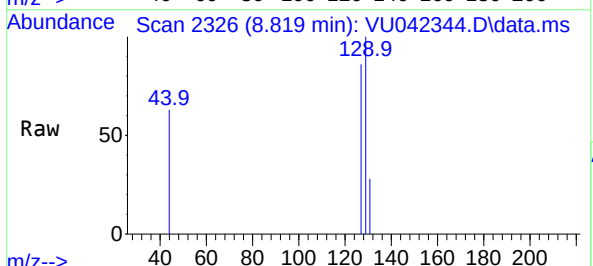
Manual Integrations
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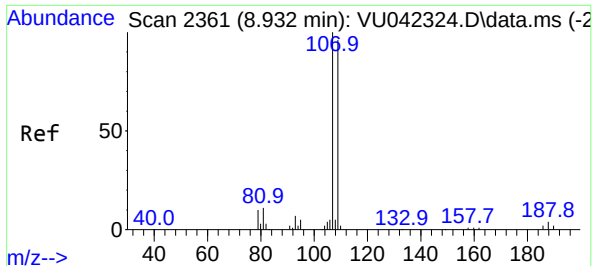
MMDadoda
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#60
Dibromochloromethane
Concen: 0.35 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

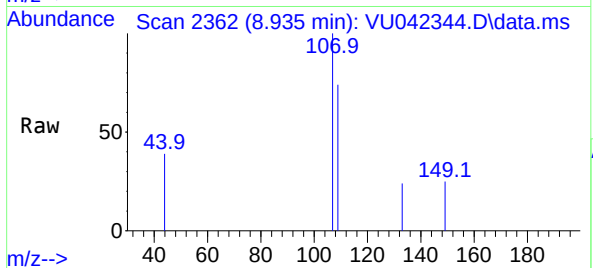
Tgt Ion: 129 Resp: 594
Ion Ratio Lower Upper
129 100
127 81.3 38.5 115.3





#61
1,2-Dibromoethane
Concen: 0.39 ug/l
RT: 8.935 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

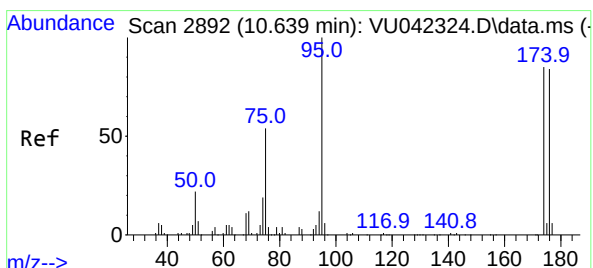
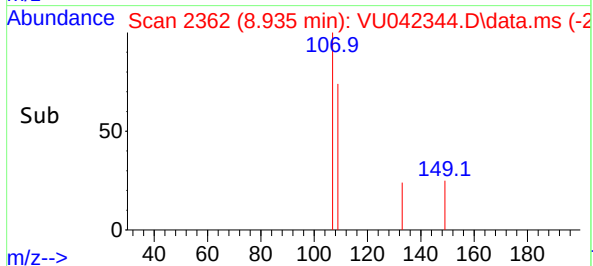
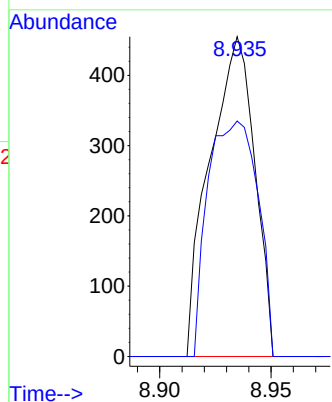
Instrument :
MSVOA_U
ClientSampled :
MDL03



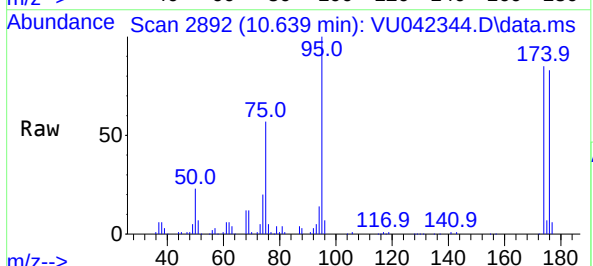
Tgt Ion:107 Resp: 637
Ion Ratio Lower Upper
107 100
109 81.8 75.9 113.9

Manual Integrations
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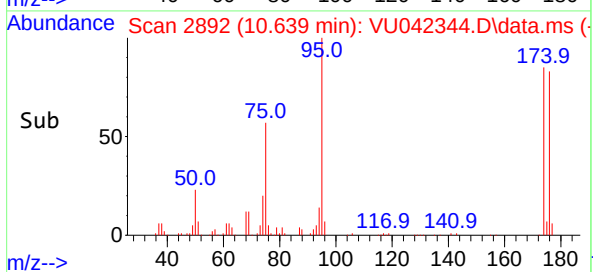
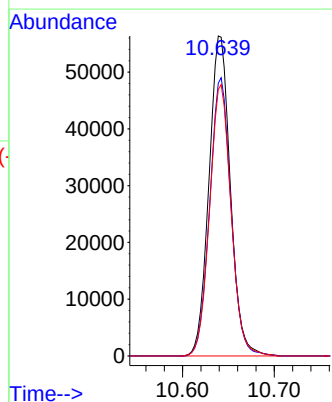
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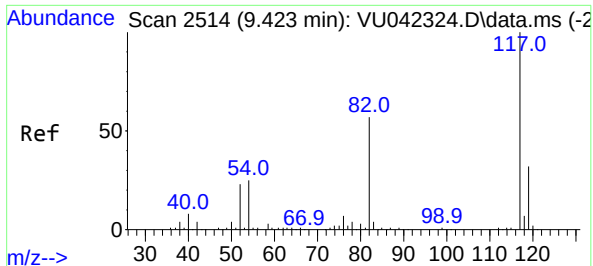


#62
4-Bromofluorobenzene
Concen: 45.46 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



Tgt Ion: 95 Resp: 91431
Ion Ratio Lower Upper
95 100
174 86.7 0.0 172.2
176 84.8 0.0 168.8





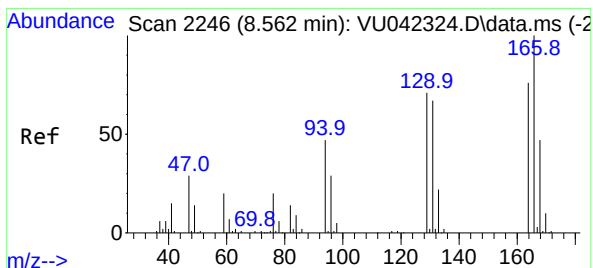
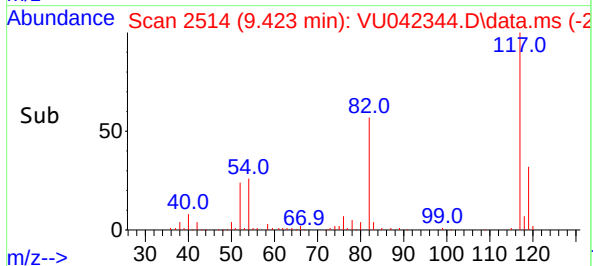
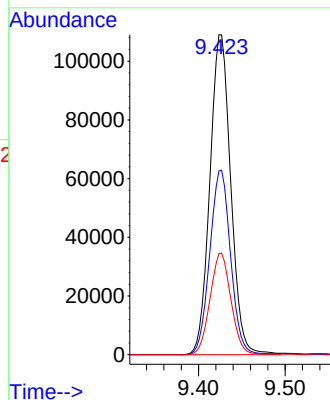
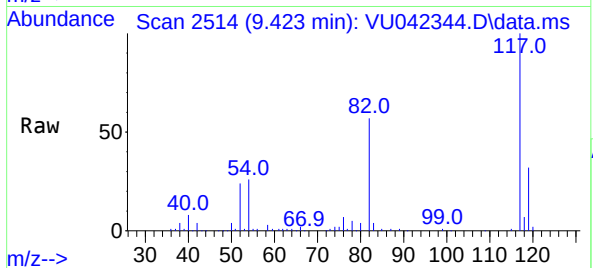
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:117 Resp: 182799
Ion Ratio Lower Upper
117 100
82 57.5 45.8 68.6
119 31.6 25.8 38.8

Instrument :
MSVOA_U
ClientSampled :
MDL03

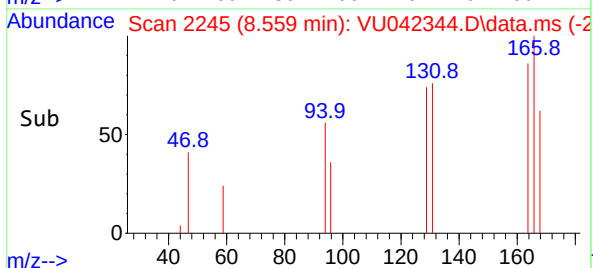
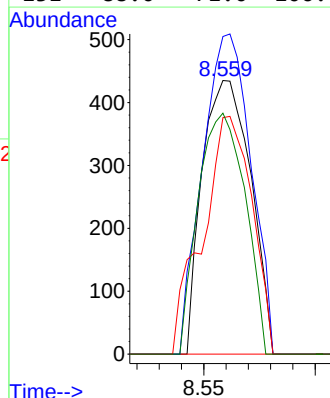
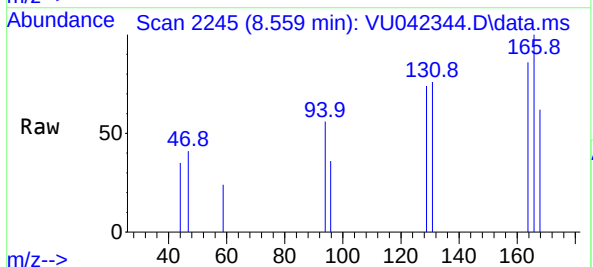
Manual Integrations
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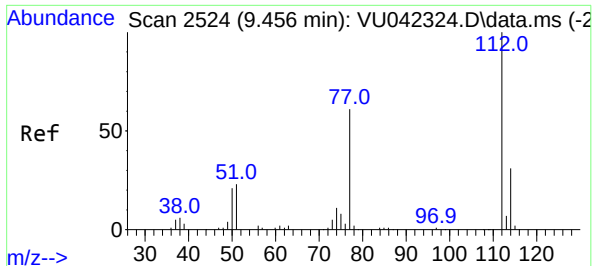
MMDadoda
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#64
Tetrachloroethene
Concen: 0.48 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:164 Resp: 658
Ion Ratio Lower Upper
164 100
166 116.1 105.3 157.9
129 86.4 75.0 112.6
131 88.0 71.0 106.6





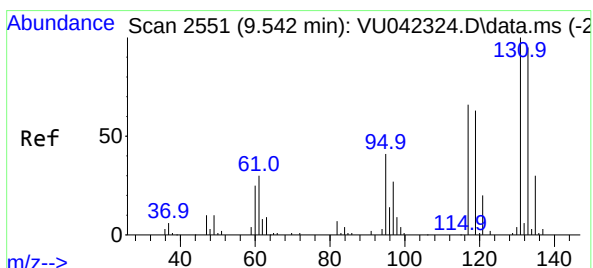
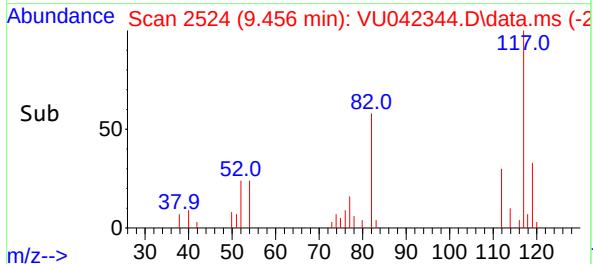
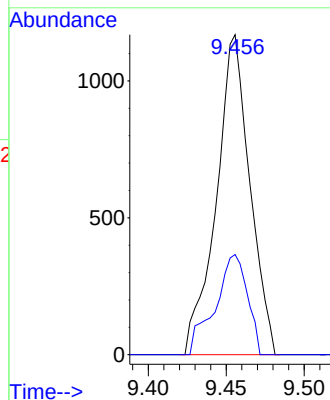
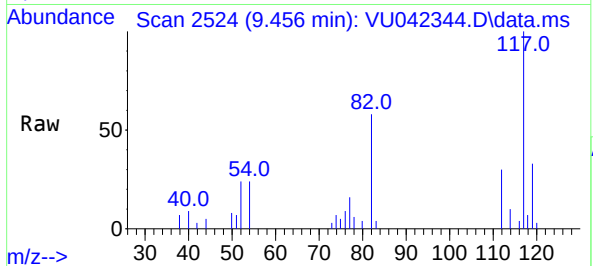
#65
Chlorobenzene
Concen: 0.48 ug/l
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Instrument :
MSVOA_U
ClientSampled :
MDL03

Tgt Ion:112 Resp: 1749
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

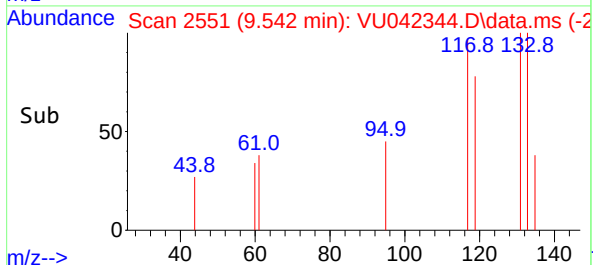
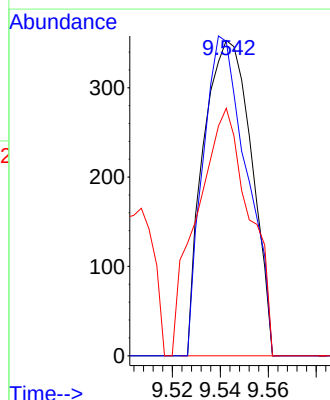
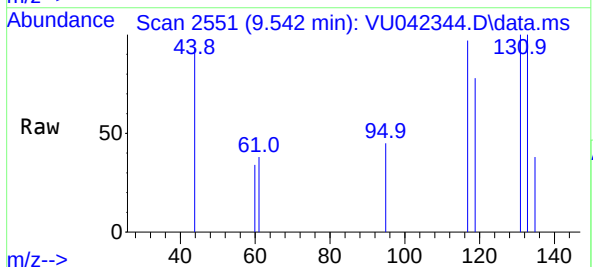
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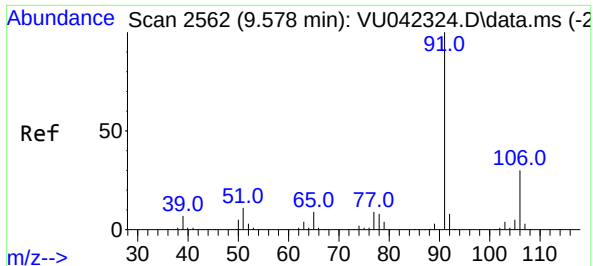
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 0.35 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:131 Resp: 490
Ion Ratio Lower Upper
131 100
133 92.9 47.6 142.9
119 0.0 31.9 95.5#





#67

Ethyl Benzene

Concen: 0.44 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU042344.D

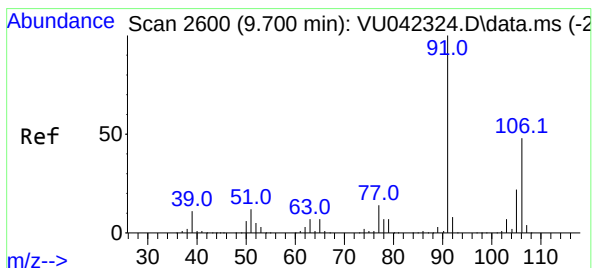
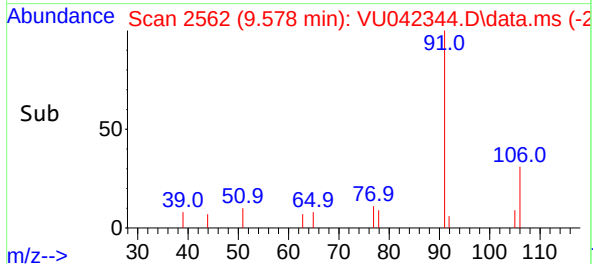
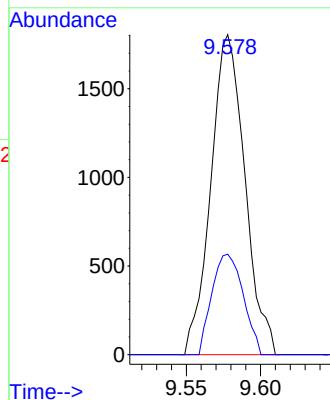
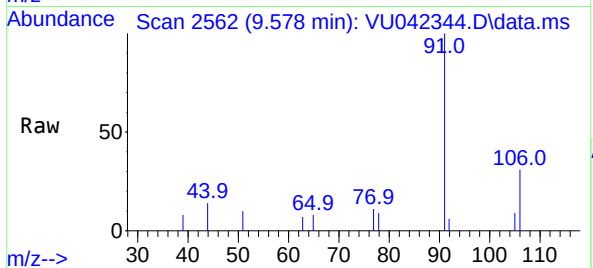
Acq: 18 Feb 2021 12:26

Tgt Ion: 91 Resp: 2880

Ion Ratio Lower Upper

91 100

106 31.4 24.1 36.1



#68

m/p-Xylenes

Concen: 0.77 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.000 min

Lab File: VU042344.D

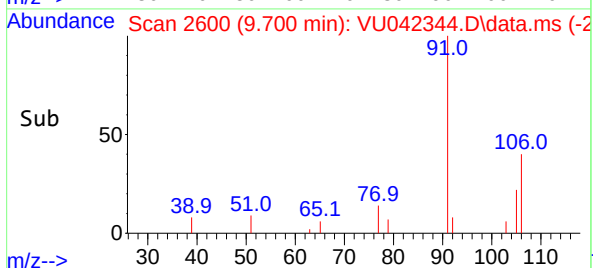
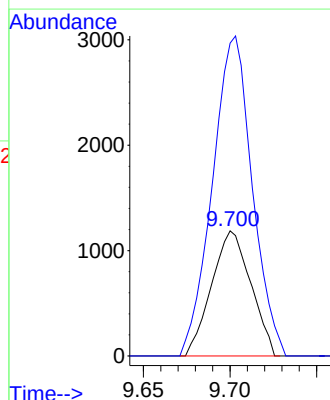
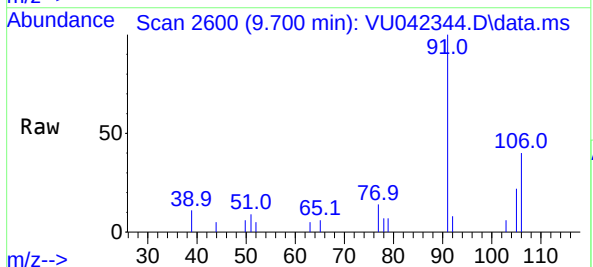
Acq: 18 Feb 2021 12:26

Tgt Ion: 106 Resp: 1870

Ion Ratio Lower Upper

106 100

91 259.7 169.9 254.9#



Instrument :

MSVOA_U

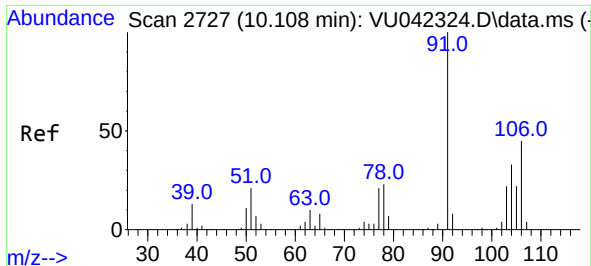
ClientSampleId :

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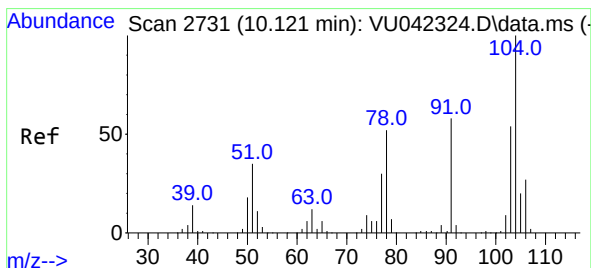
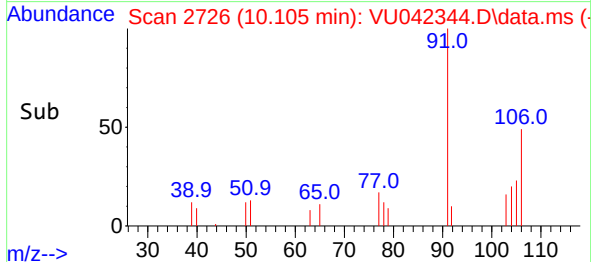
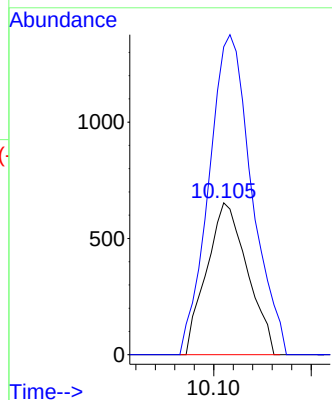
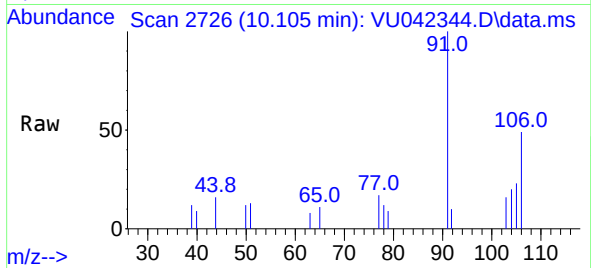
#69
o-Xylene
Concen: 0.40 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:106 Resp: 948
Ion Ratio Lower Upper
106 100
91 221.6 111.2 333.6

Instrument :
MSVOA_U
ClientSampled :
MDL03

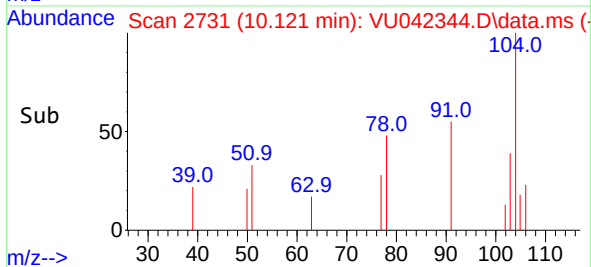
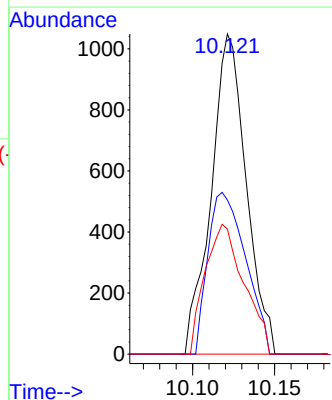
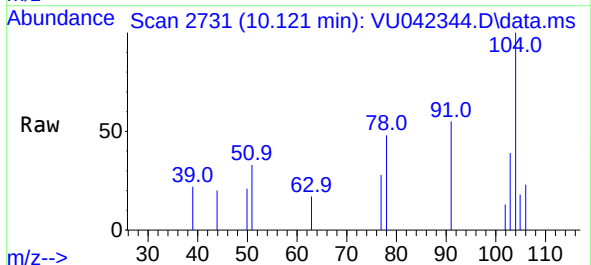
Manual Integrations
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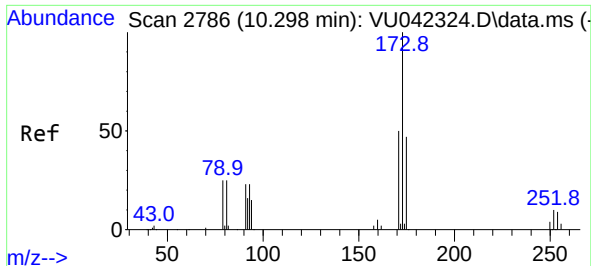
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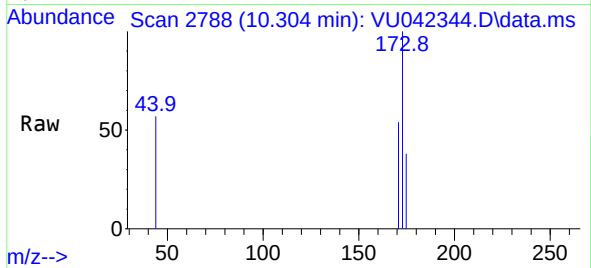
#70
Styrene
Concen: 0.39 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:104 Resp: 1558
Ion Ratio Lower Upper
104 100
78 54.4 44.8 67.2
103 45.0 45.7 68.5#

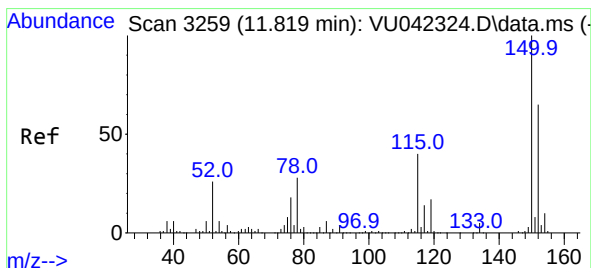
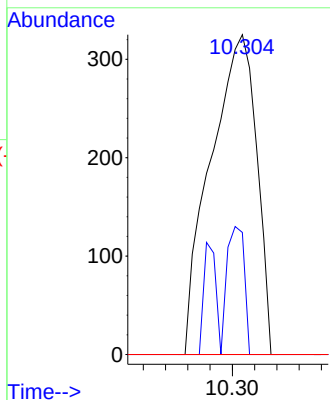
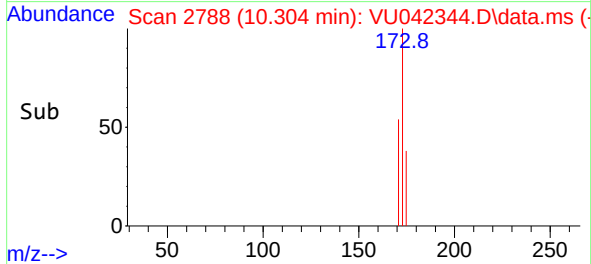




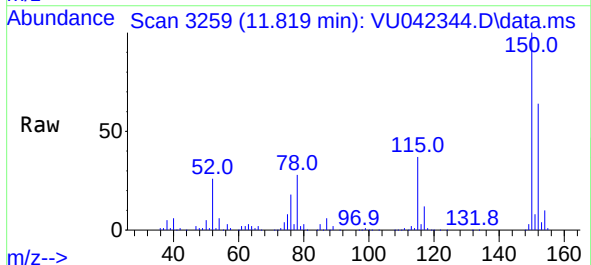
#71
Bromoform
Concen: 0.35 ug/l
RT: 10.304 min Scan# 2788
Delta R.T. 0.006 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



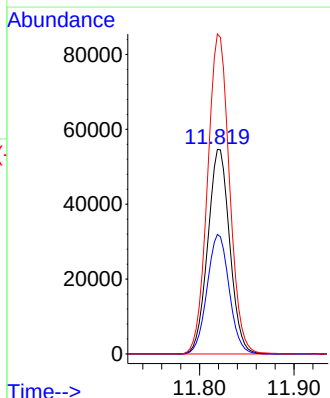
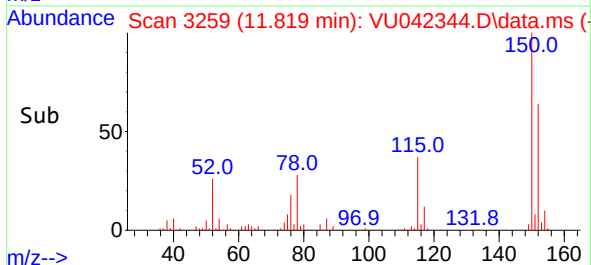
Tgt Ion:173 Resp: 465
Ion Ratio Lower Upper
173 100
175 15.1 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



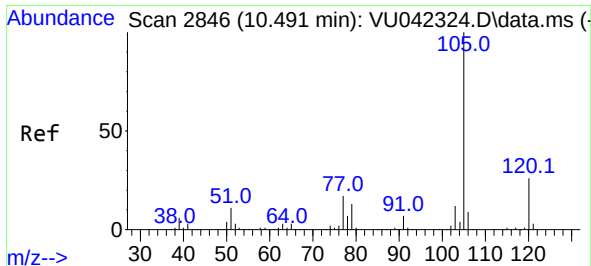
Tgt Ion:152 Resp: 88182
Ion Ratio Lower Upper
152 100
115 58.6 41.5 124.6
150 156.2 0.0 342.4



Instrument :
MSVOA_U
ClientSampled :
MDL03

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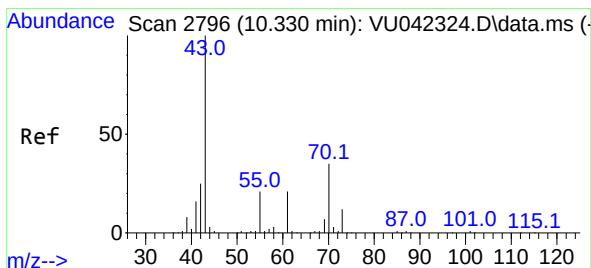
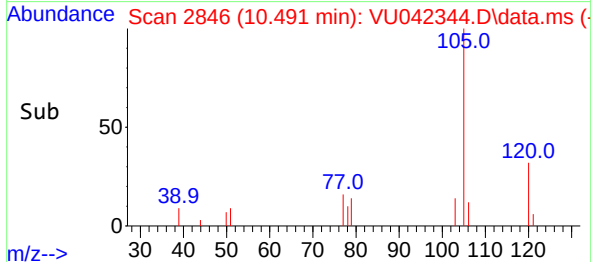
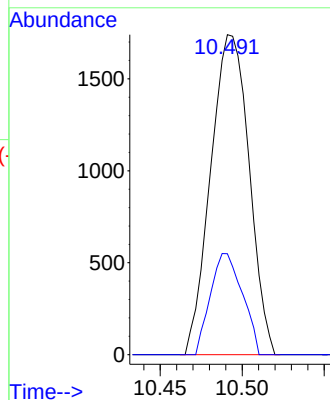
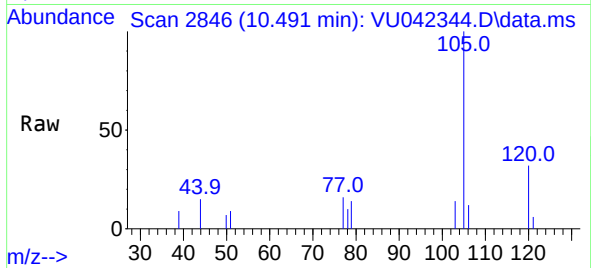
#73
Isopropylbenzene
Concen: 0.48 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 105 Resp: 2835
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

Instrument :
MSVOA_U
ClientSampled :
MDL03

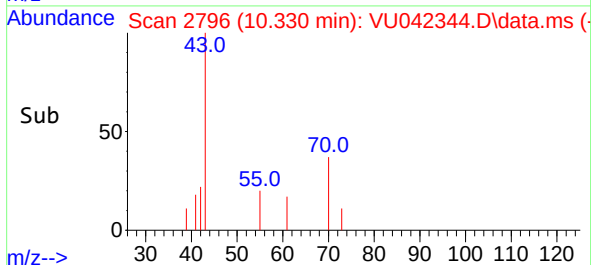
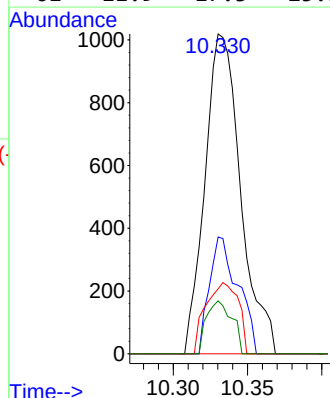
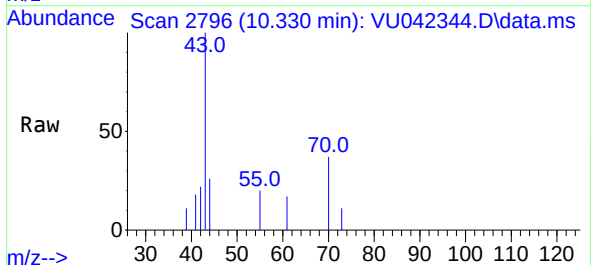
Manual Integrations
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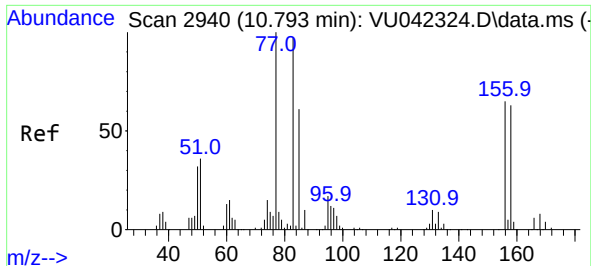
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#74
N-ethyl acetate
Concen: 0.51 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
70 29.2 28.3 42.5
55 20.2 17.2 25.8
61 11.9 17.3 25.9#





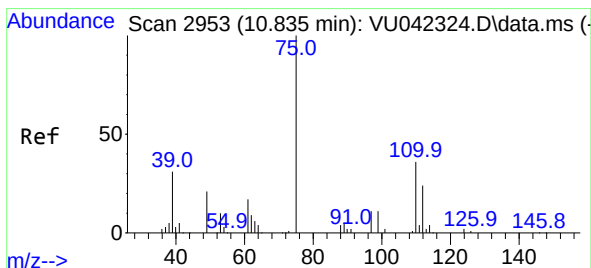
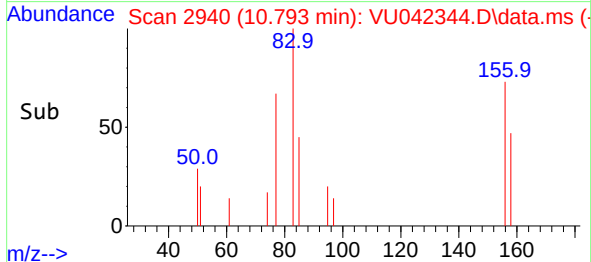
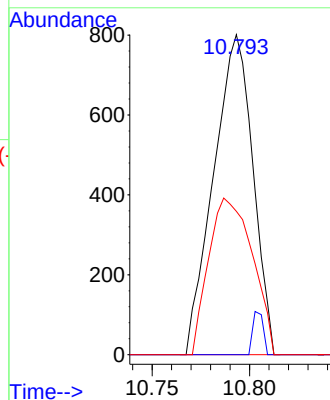
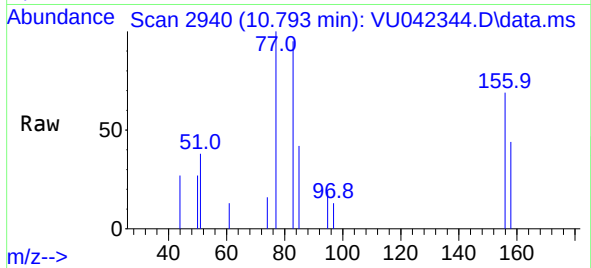
#75
1,1,2,2-Tetrachloroethane
Concen: 0.50 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 83 Resp: 1123
Ion Ratio Lower Upper
83 100
131 3.6 5.1 15.2#
85 54.6 31.7 95.1

Instrument :
MSVOA_U
ClientSampled :
MDL03

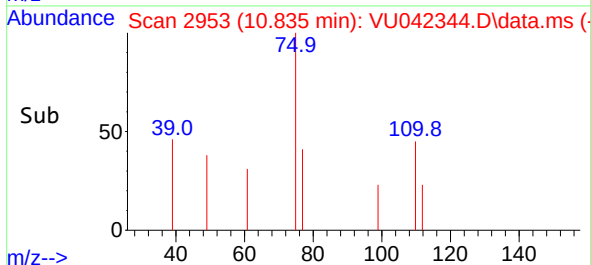
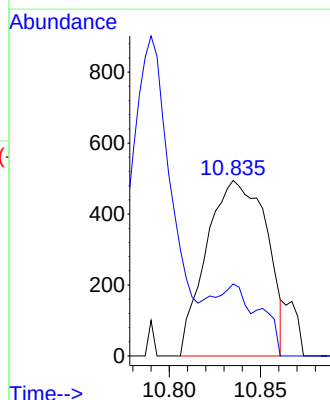
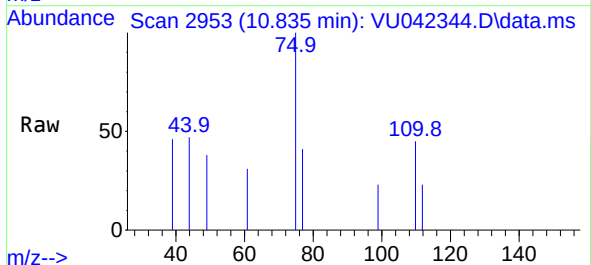
Manual Integrations
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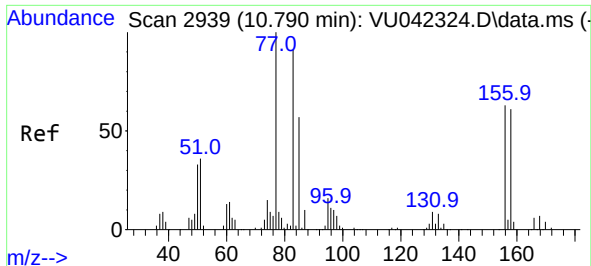
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#76
1,2,3-Trichloropropane
Concen: 0.52 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 75 Resp: 1133
Ion Ratio Lower Upper
75 100
77 50.2 20.2 60.5





#77
Bromobenzene
Concen: 0.52 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

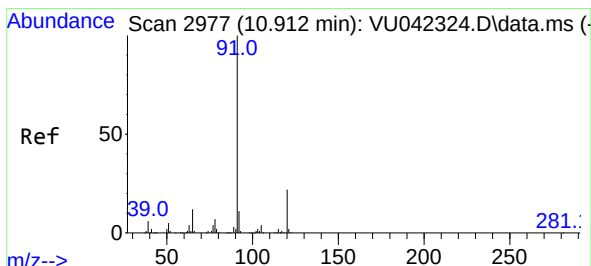
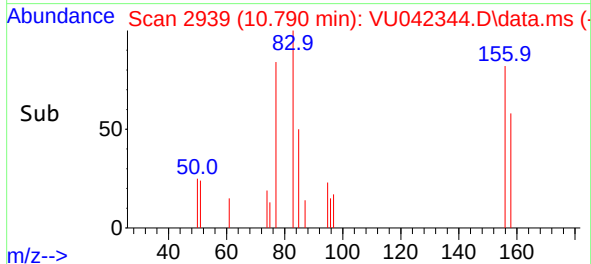
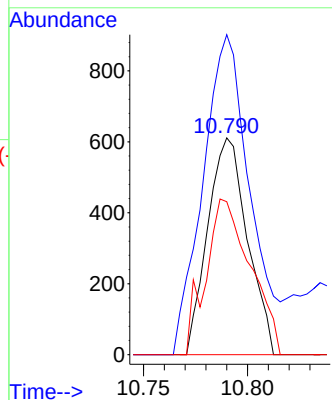
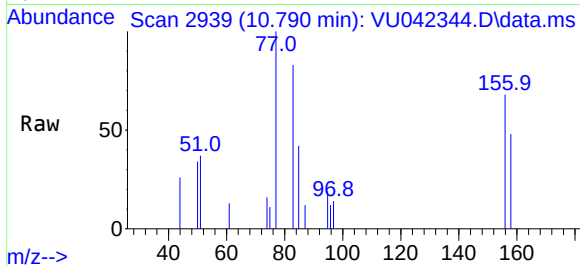
Tgt Ion: 156 Resp: 811

Ion	Ratio	Lower	Upper
156	100		
77	175.2	79.3	238.1
158	81.0	48.3	144.9

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations
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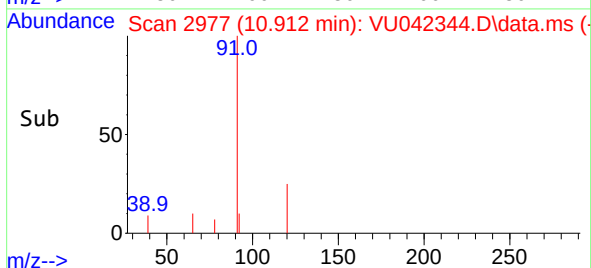
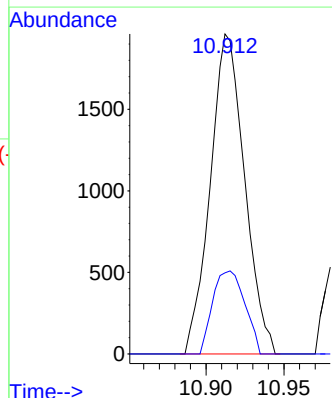
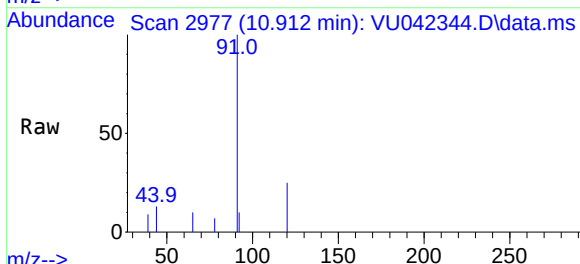
MMDadoda
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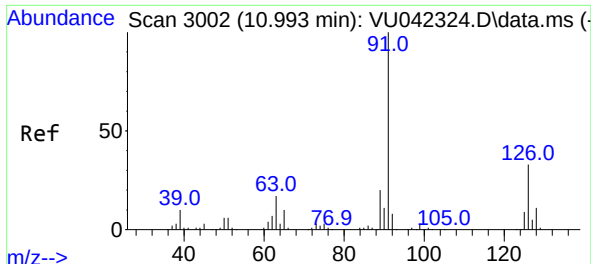


#78
n-propylbenzene
Concen: 0.44 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 91 Resp: 3005

Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.2	33.6





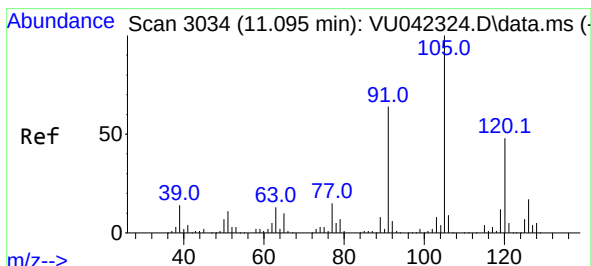
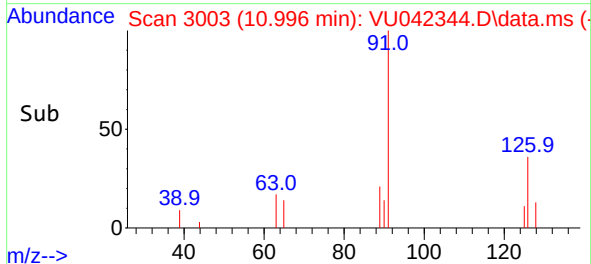
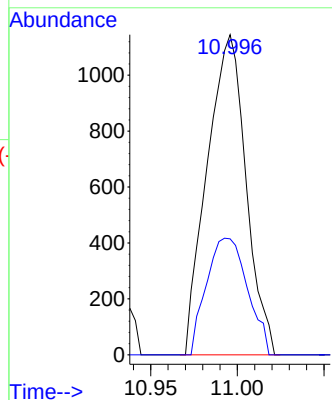
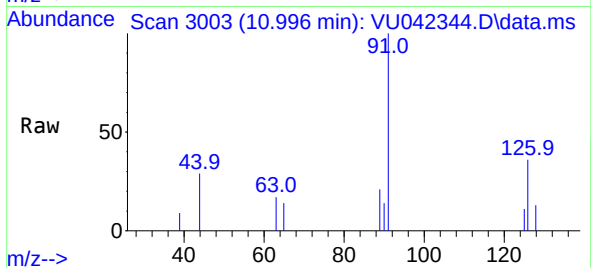
#79
2-Chlorotoluene
Concen: 0.43 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 91 Resp: 1786
Ion Ratio Lower Upper
91 100
126 38.5 16.7 50.0

Instrument :
MSVOA_U
ClientSampleId :
MDL03

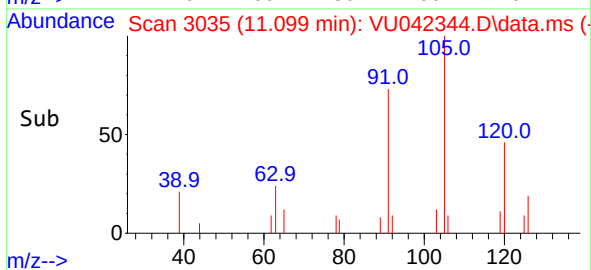
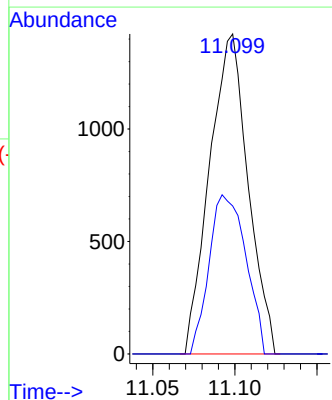
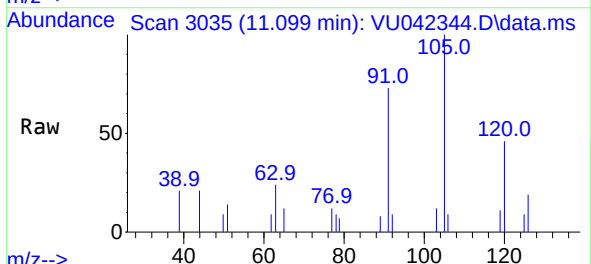
Manual Integrations
APPROVED

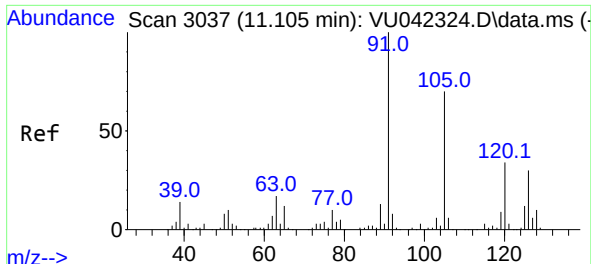
MMDadoda
2/19/2021 2:45:19 PM



#80
1,3,5-Trimethylbenzene
Concen: 0.46 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 105 Resp: 2317
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.4





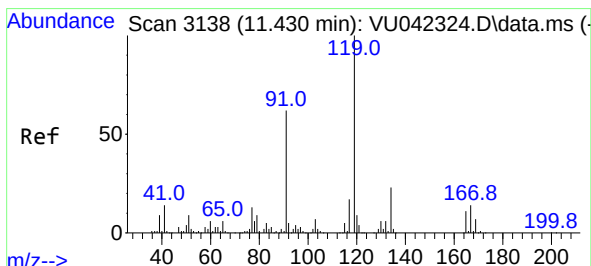
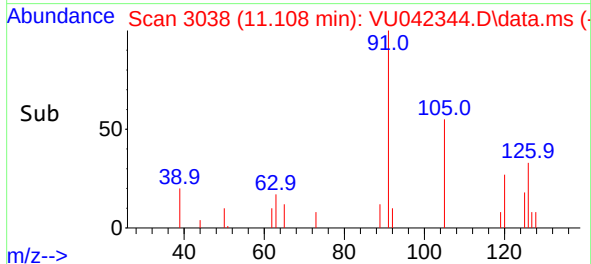
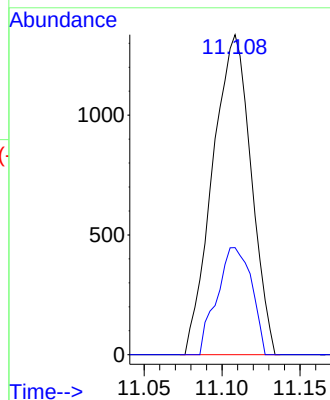
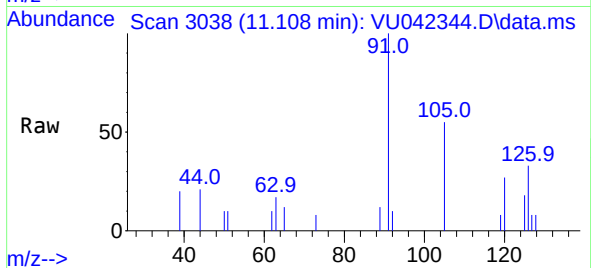
#82
4-Chlorotoluene
Concen: 0.47 ug/l
RT: 11.108 min Scan# 3038
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 91 Resp: 2293
Ion Ratio Lower Upper
91 100
126 29.9 14.6 44.0

Instrument :
MSVOA_U
ClientSampled :
MDL03

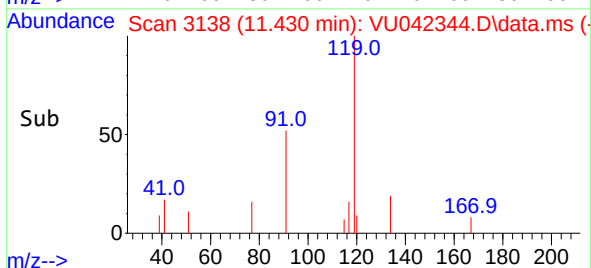
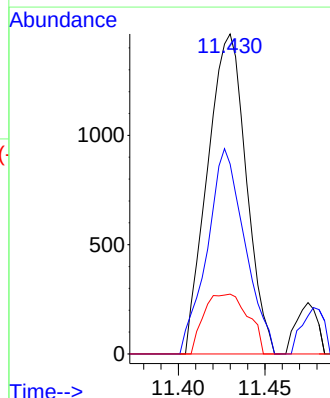
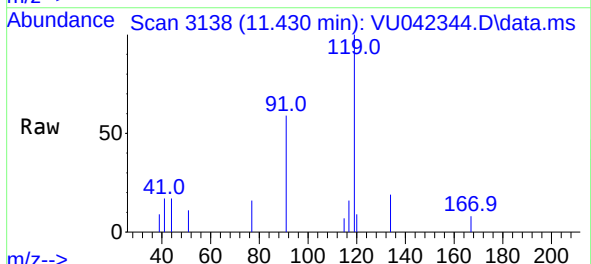
Manual Integrations
APPROVED

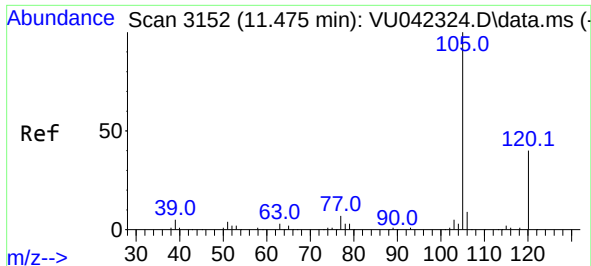
MMDadoda
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#83
tert-Butylbenzene
Concen: 0.46 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion: 119 Resp: 2271
Ion Ratio Lower Upper
119 100
91 62.5 30.3 90.9
134 21.3 11.4 34.1





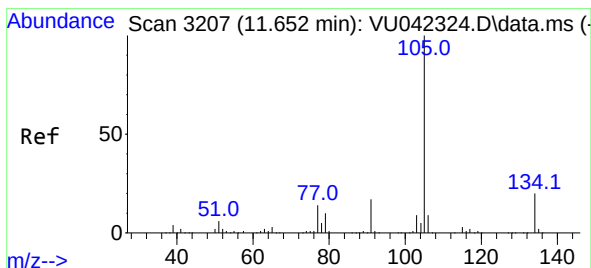
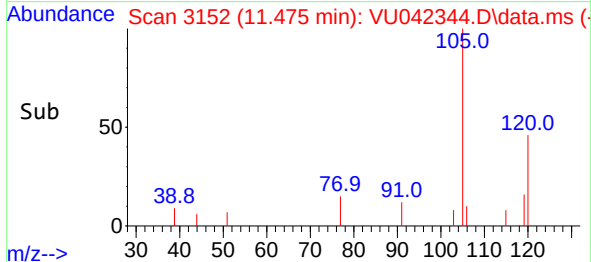
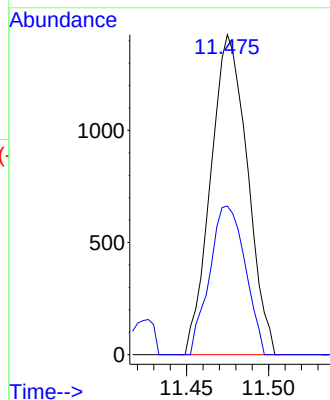
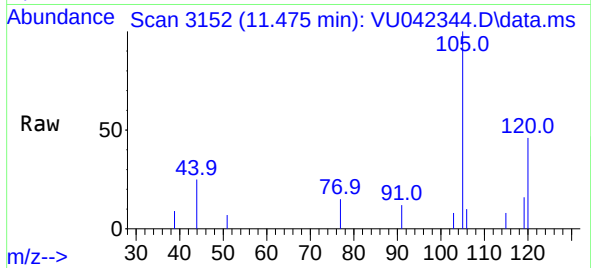
#84
1,2,4-Trimethylbenzene
Concen: 0.44 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:105 Resp: 2215
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8

Instrument :
MSVOA_U
ClientSampled :
MDL03

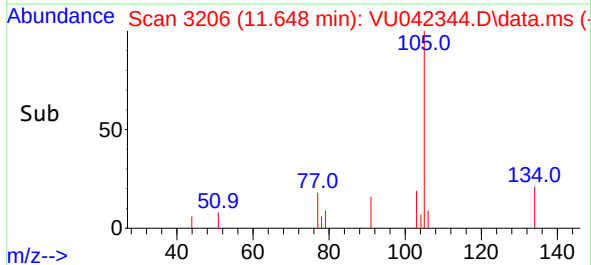
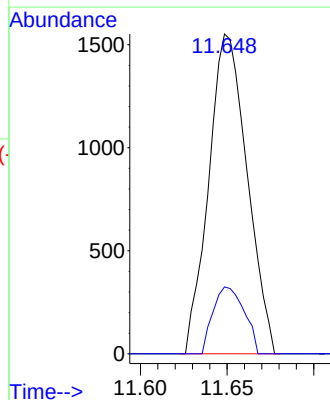
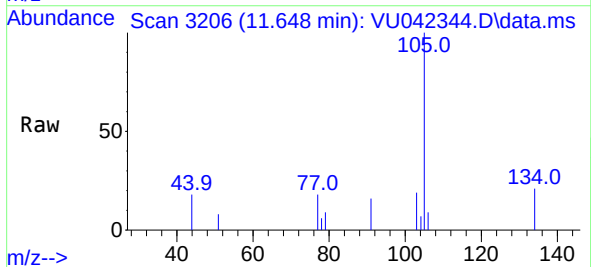
Manual Integrations
APPROVED

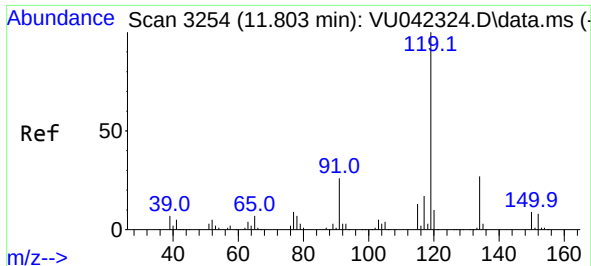
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#85
sec-Butylbenzene
Concen: 0.41 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:105 Resp: 2390
Ion Ratio Lower Upper
105 100
134 17.0 10.0 30.0





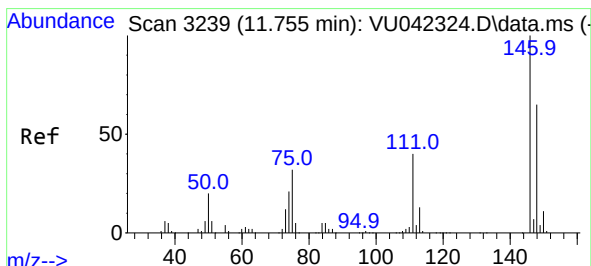
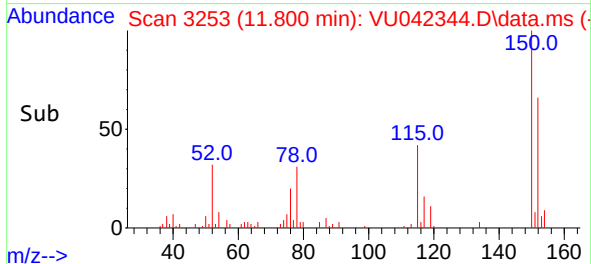
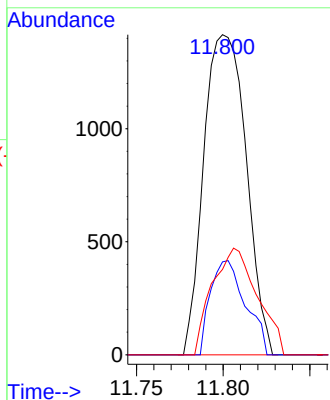
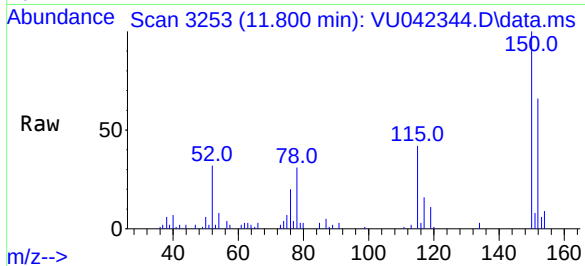
#86
p-Isopropyltoluene
Concen: 0.45 ug/l
RT: 11.800 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:	119	Resp:	2413
Ion Ratio	Lower	Upper	
119	100		
134	24.3	13.2	39.6
91	35.5	12.8	38.3

Instrument :
MSVOA_U
ClientSampled :
MDL03

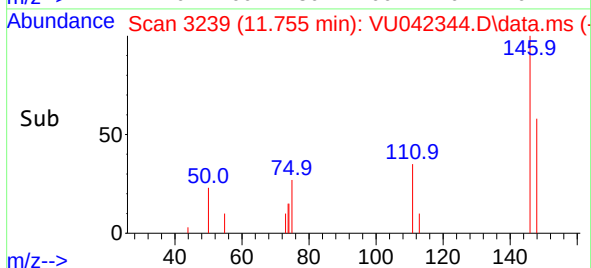
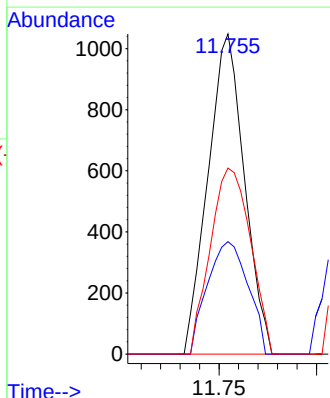
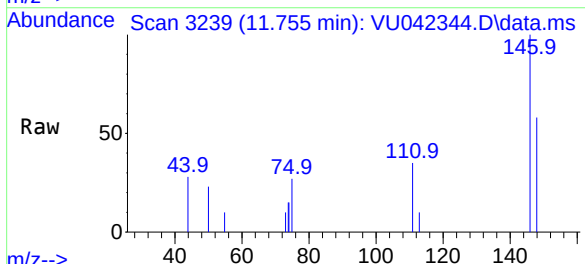
Manual Integrations
APPROVED

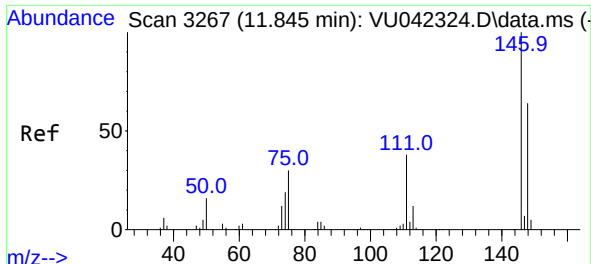
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#87
1,3-Dichlorobenzene
Concen: 0.50 ug/l
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:	146	Resp:	1360
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.9	59.6
148	64.3	32.0	96.2





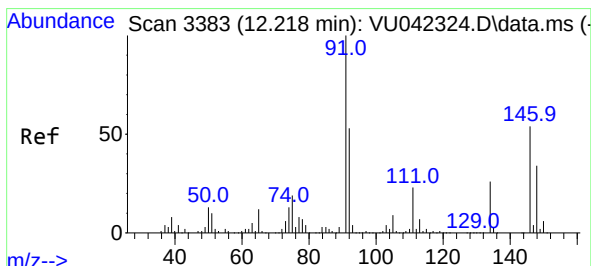
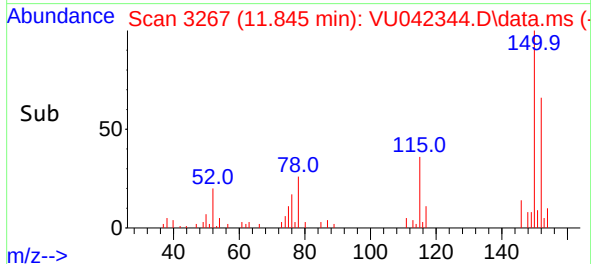
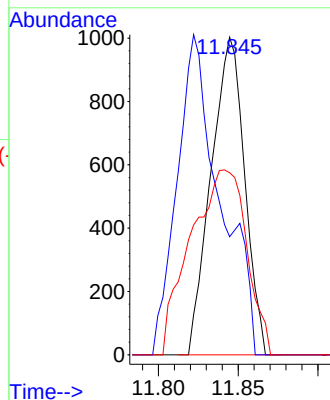
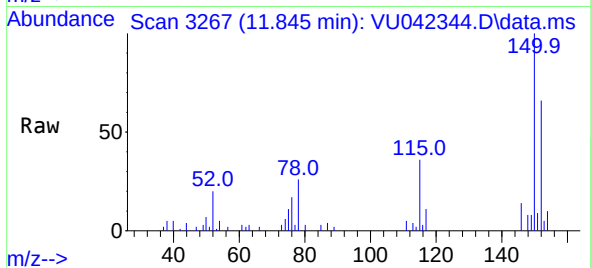
#88
1,4-Dichlorobenzene
Concen: 0.53 ug/l m
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

Tgt Ion:	146	Resp:	1463
Ion	Ratio	Lower	Upper
146	100		
111	36.4	19.7	59.0
148	59.8	32.8	98.3

Instrument :
MSVOA_U
ClientSampled :
MDL03

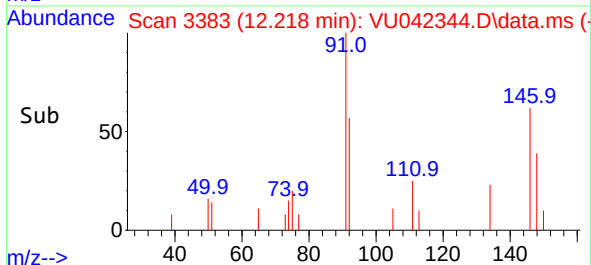
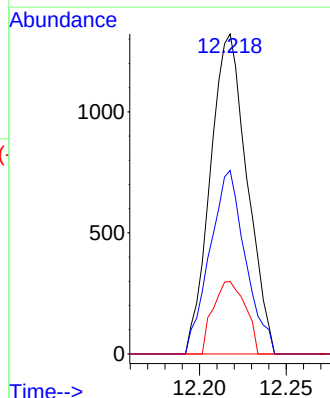
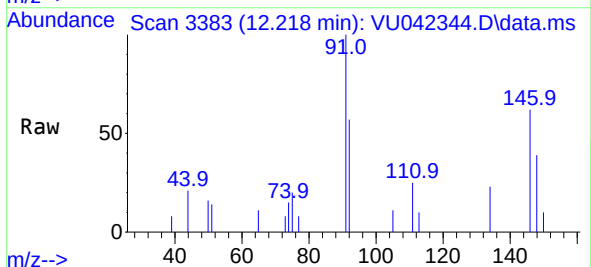
Manual Integrations
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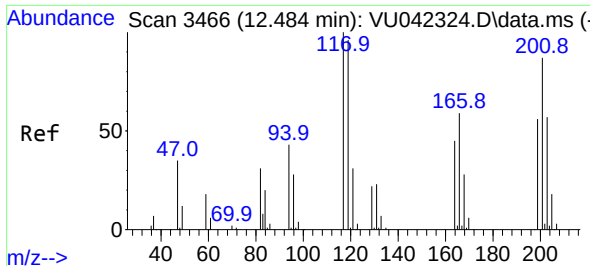
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#89
n-Butylbenzene
Concen: 0.42 ug/l
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

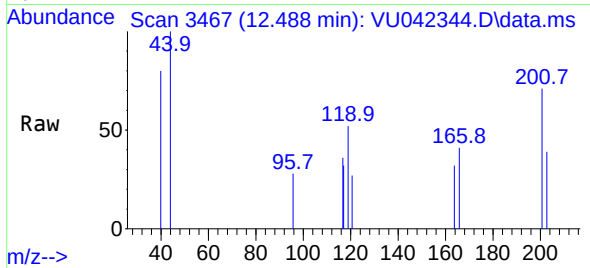
Tgt Ion:	91	Resp:	1953
Ion	Ratio	Lower	Upper
91	100		
92	55.5	26.2	78.6
134	19.7	12.7	38.1





#90
Hexachloroethane
Concen: 0.30 ug/l
RT: 12.488 min Scan# 3467
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

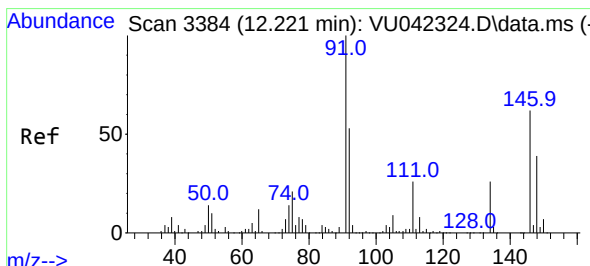
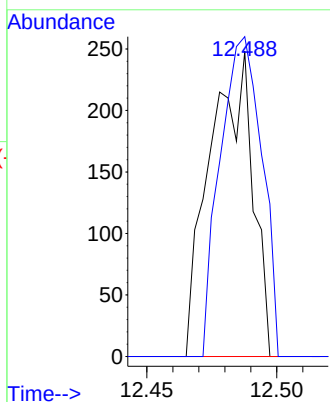
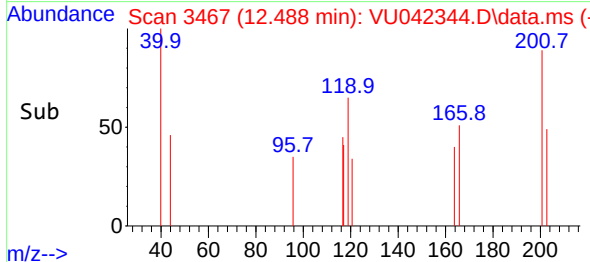
Instrument :
MSVOA_U
ClientSampled :
MDL03



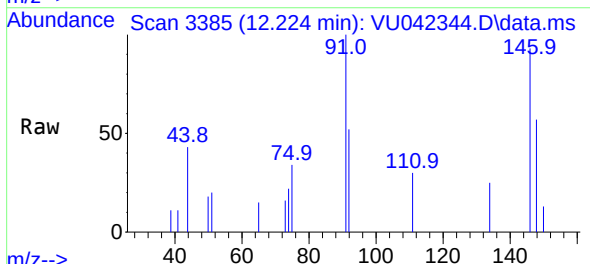
Tgt Ion:117 Resp: 284
Ion Ratio Lower Upper
117 100
201 101.8 43.5 130.7

Manual Integrations
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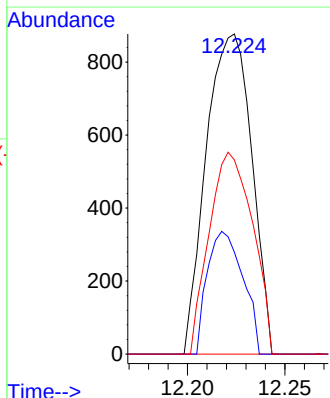
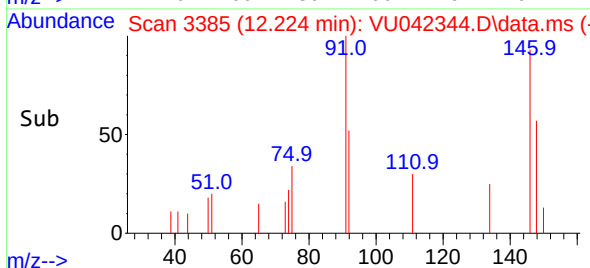
MMDadoda
2/19/2021 2:45:19 PM

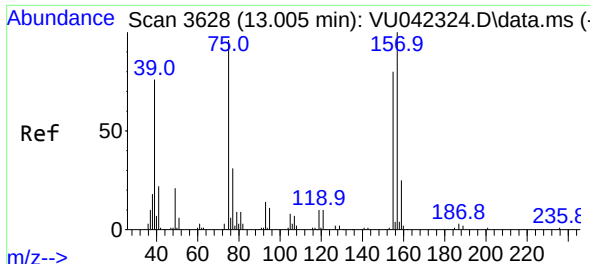


#91
1,2-Dichlorobenzene
Concen: 0.52 ug/l
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



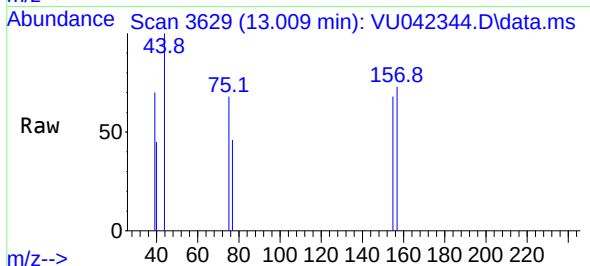
Tgt Ion:146 Resp: 1426
Ion Ratio Lower Upper
146 100
111 29.9 20.8 62.4
148 60.2 31.9 95.7





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.46 ug/l
RT: 13.009 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

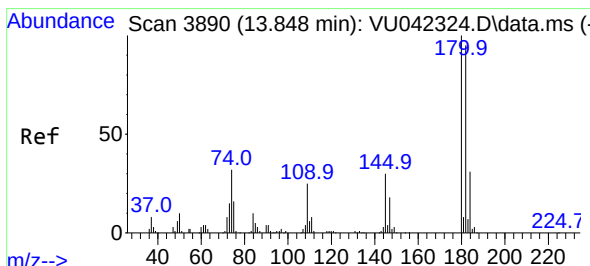
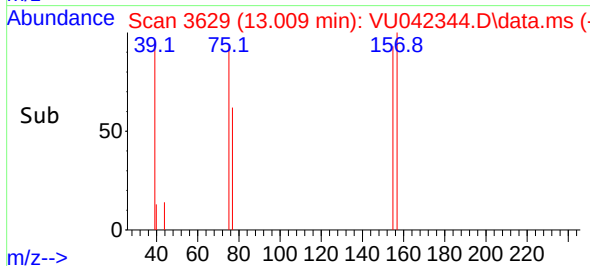
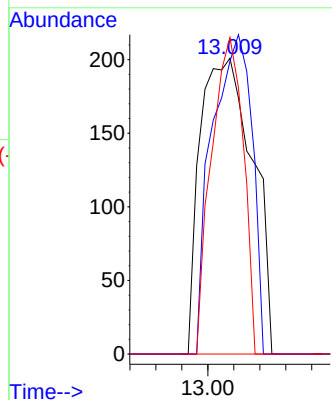
Instrument :
MSVOA_U
ClientSampled :
MDL03



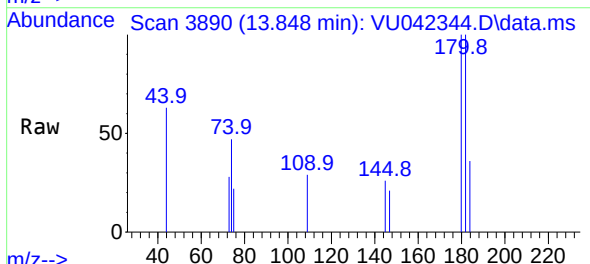
Tgt Ion: 75 Resp: 281
Ion Ratio Lower Upper
75 100
155 82.2 41.7 125.1
157 65.1 53.9 161.7

Manual Integrations
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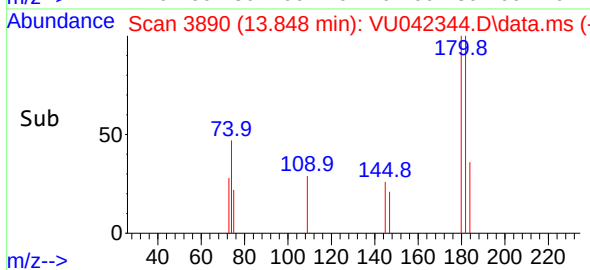
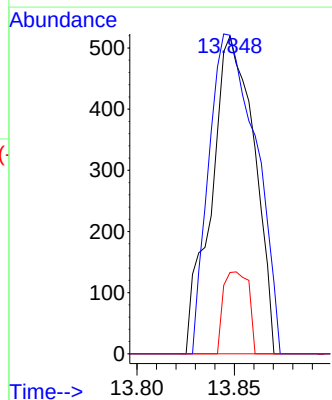
MMDadoda
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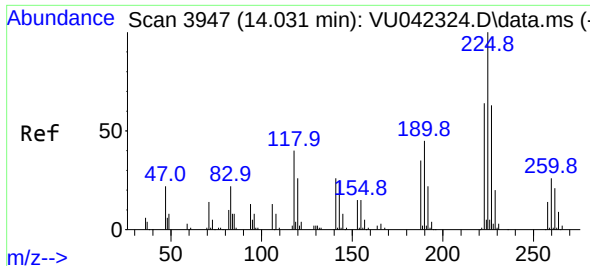


#93
1,2,4-Trichlorobenzene
Concen: 0.46 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26

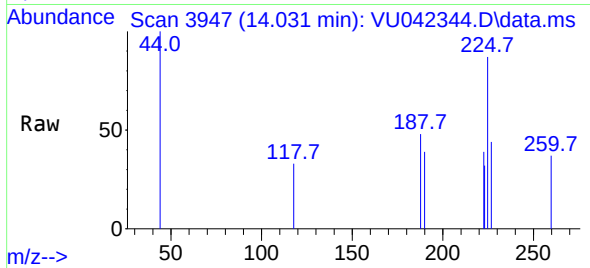


Tgt Ion: 180 Resp: 795
Ion Ratio Lower Upper
180 100
182 109.9 46.9 140.8
145 15.1 14.4 43.4

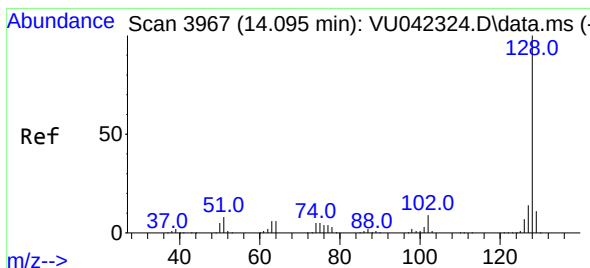
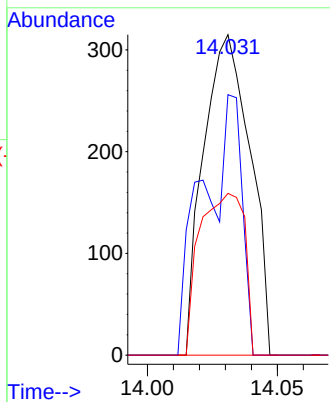
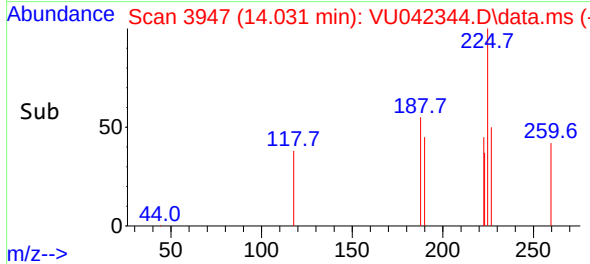




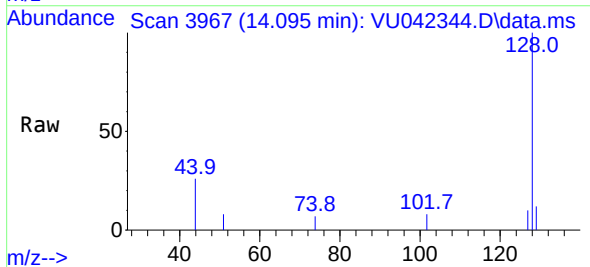
#94
Hexachlorobutadiene
Concen: 0.41 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



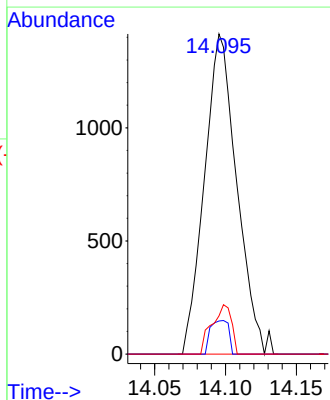
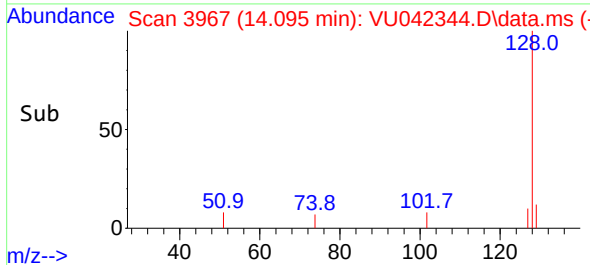
Tgt Ion:225 Resp: 393
Ion Ratio Lower Upper
225 100
223 30.8 32.3 96.9#
227 48.3 31.8 95.4



#95
Naphthalene
Concen: 0.46 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042344.D
Acq: 18 Feb 2021 12:26



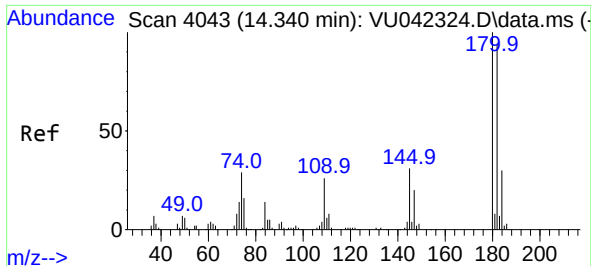
Tgt Ion:128 Resp: 2252
Ion Ratio Lower Upper
128 100
127 5.9 10.8 16.2#
129 9.3 8.6 13.0



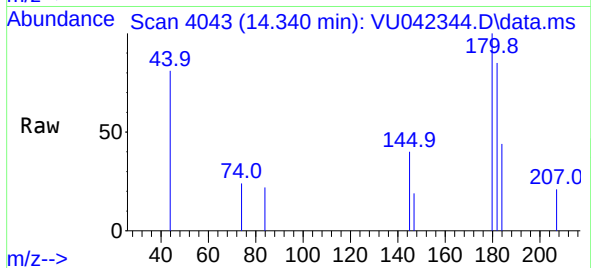
Instrument :
MSVOA_U
ClientSampled :
MDL03

Manual Integrations
APPROVED

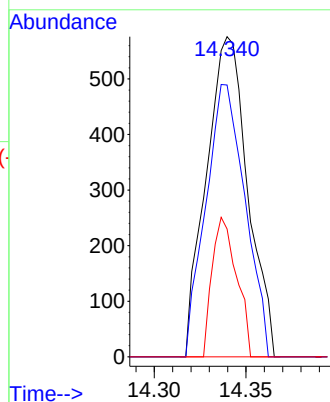
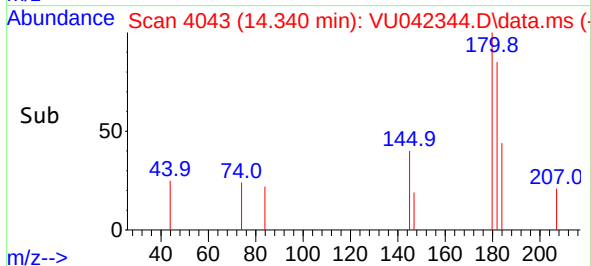
MMDadoda
2/19/2021 2:45:19 PM



#96
 1,2,3-Trichlorobenzene
 Concen: 0.54 ug/l
 RT: 14.340 min Scan# 4043
 Delta R.T. -0.000 min
 Lab File: VU042344.D
 Acq: 18 Feb 2021 12:26



Tgt Ion:	180	Resp:	906
Ion	Ratio	Lower	Upper
180	100		
182	80.6	48.0	144.0
145	25.6	15.5	46.5



Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 2:45:19 PM