

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042996.D
 Acq On : 08 Apr 2021 19:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU040921

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:47:34 PM

Quant Time: Apr 09 07:31:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 07:30:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	126842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	198245	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	195384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	109475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99842	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	5.298	113	68397	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	7.906	98	253616	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.639	95	100507	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	64072	53.20	ug/l	98
3) Chloromethane	1.523	50	71161	50.05	ug/l	98
4) Vinyl Chloride	1.607	62	68656	51.10	ug/l	89
5) Bromomethane	1.858	94	41951	52.09	ug/l	97
6) Chloroethane	1.929	64	37170	37.38	ug/l	100
7) Trichlorofluoromethane	2.138	101	114587	49.30	ug/l	99
8) Diethyl Ether	2.382	74	38940	52.30	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	60119	50.32	ug/l	99
10) Methyl Iodide	2.726	142	81256	49.69	ug/l	99
11) Tert butyl alcohol	3.279	59	136112m	241.44	ug/l	
12) 1,1-Dichloroethene	2.584	96	57054	48.83	ug/l	98
13) Acrolein	2.491	56	96581	238.49	ug/l	99
14) Allyl chloride	2.929	41	137701	51.33	ug/l	98
15) Acrylonitrile	3.324	53	281406	252.02	ug/l	98
16) Acetone	2.639	43	283181	243.53	ug/l	100
17) Carbon Disulfide	2.797	76	163866	49.14	ug/l	99
18) Methyl Acetate	2.954	43	133050	50.18	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	234474	50.91	ug/l	99
20) Methylene Chloride	3.051	84	68925	46.30	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	65930	49.84	ug/l	95
22) Diisopropyl ether	3.999	45	277229	52.00	ug/l	91
23) Vinyl Acetate	3.964	43	1347747	263.46	ug/l	100
24) 1,1-Dichloroethane	3.877	63	136391	52.11	ug/l	98
25) 2-Butanone	4.716	43	469342	252.61	ug/l	100
26) 2,2-Dichloropropane	4.674	77	115838	49.61	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	77375	52.13	ug/l	99
28) Bromochloromethane	4.983	49	68677	50.12	ug/l	99
29) Tetrahydrofuran	5.060	42	301377	253.43	ug/l	99
30) Chloroform	5.096	83	143529	50.82	ug/l	99
31) Cyclohexane	5.395	56	122079	48.85	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	125237	51.63	ug/l	99
36) 1,1-Dichloropropene	5.533	75	100944	51.85	ug/l	98
37) Ethyl Acetate	4.813	43	173296	51.70	ug/l	99
38) Carbon Tetrachloride	5.533	117	110380	51.48	ug/l	98
39) Methylcyclohexane	6.771	83	113174	52.74	ug/l	97
40) Benzene	5.781	78	289472	50.83	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042996.D
 Acq On : 08 Apr 2021 19:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU040921

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:47:34 PM

Quant Time: Apr 09 07:31:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 07:30:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	91781	51.44	ug/l	99
42) 1,2-Dichloroethane	5.803	62	130088	51.47	ug/l	99
43) Isopropyl Acetate	5.919	43	256187	52.64	ug/l	99
44) Trichloroethene	6.549	130	73028	49.66	ug/l	100
45) 1,2-Dichloropropane	6.800	63	81697	51.27	ug/l	95
46) Dibromomethane	6.925	93	57591	52.12	ug/l	98
47) Bromodichloromethane	7.115	83	113901	51.49	ug/l	99
48) Methyl methacrylate	6.967	41	128001	51.63	ug/l	99
49) 1,4-Dioxane	7.002	88	50765	955.72	ug/l #	75
51) 4-Methyl-2-Pentanone	7.803	43	943697	254.80	ug/l	99
52) Toluene	7.977	92	188595	52.76	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	132115	47.90	ug/l	97
54) cis-1,3-Dichloropropene	7.613	75	130296	47.27	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	80337	52.68	ug/l	98
56) Ethyl methacrylate	8.340	69	137361	46.00	ug/l	100
57) 1,3-Dichloropropane	8.584	76	139857	52.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	264240	221.65	ug/l	98
59) 2-Hexanone	8.697	43	774587	224.35	ug/l	99
60) Dibromochloromethane	8.819	129	92845	46.59	ug/l	100
61) 1,2-Dibromoethane	8.931	107	91089	52.42	ug/l	100
64) Tetrachloroethene	8.559	164	64115	50.34	ug/l	98
65) Chlorobenzene	9.452	112	204648	50.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	78622	49.87	ug/l	97
67) Ethyl Benzene	9.578	91	380405	52.79	ug/l	100
68) m/p-Xylenes	9.700	106	280734	106.50	ug/l	99
69) o-Xylene	10.105	106	135769	53.13	ug/l	98
70) Styrene	10.121	104	233024	46.79	ug/l	99
71) Bromoform	10.298	173	80592	45.29	ug/l #	99
73) Isopropylbenzene	10.491	105	376728	54.09	ug/l	99
74) N-amyl acetate	10.327	43	242233	56.54	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.790	83	154568	49.39	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	158729m	50.83	ug/l	
77) Bromobenzene	10.790	156	100387	53.08	ug/l	99
78) n-propylbenzene	10.912	91	449516	53.16	ug/l	99
79) 2-Chlorotoluene	10.993	91	266017	51.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	329979	53.55	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	52991	47.88	ug/l	98
82) 4-Chlorotoluene	11.102	91	316859	52.04	ug/l	100
83) tert-Butylbenzene	11.427	119	322965	52.43	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	335707	52.62	ug/l	100
85) sec-Butylbenzene	11.648	105	377199	52.47	ug/l	100
86) p-Isopropyltoluene	11.800	119	348424	53.61	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	179240	50.56	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	182731	50.75	ug/l	99
89) n-Butylbenzene	12.214	91	327943	48.80	ug/l	99
90) Hexachloroethane	12.481	117	63717	48.42	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	178420	50.83	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	43663	48.91	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	128377	58.66	ug/l	98
94) Hexachlorobutadiene	14.028	225	64103	53.54	ug/l	98
95) Naphthalene	14.092	128	404506	51.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	124918	57.42	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
Data File : VU042996.D
Acq On : 08 Apr 2021 19:54
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM

Quant Time: Apr 09 07:31:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 09 07:30:23 2021
Response via : Initial Calibration

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

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

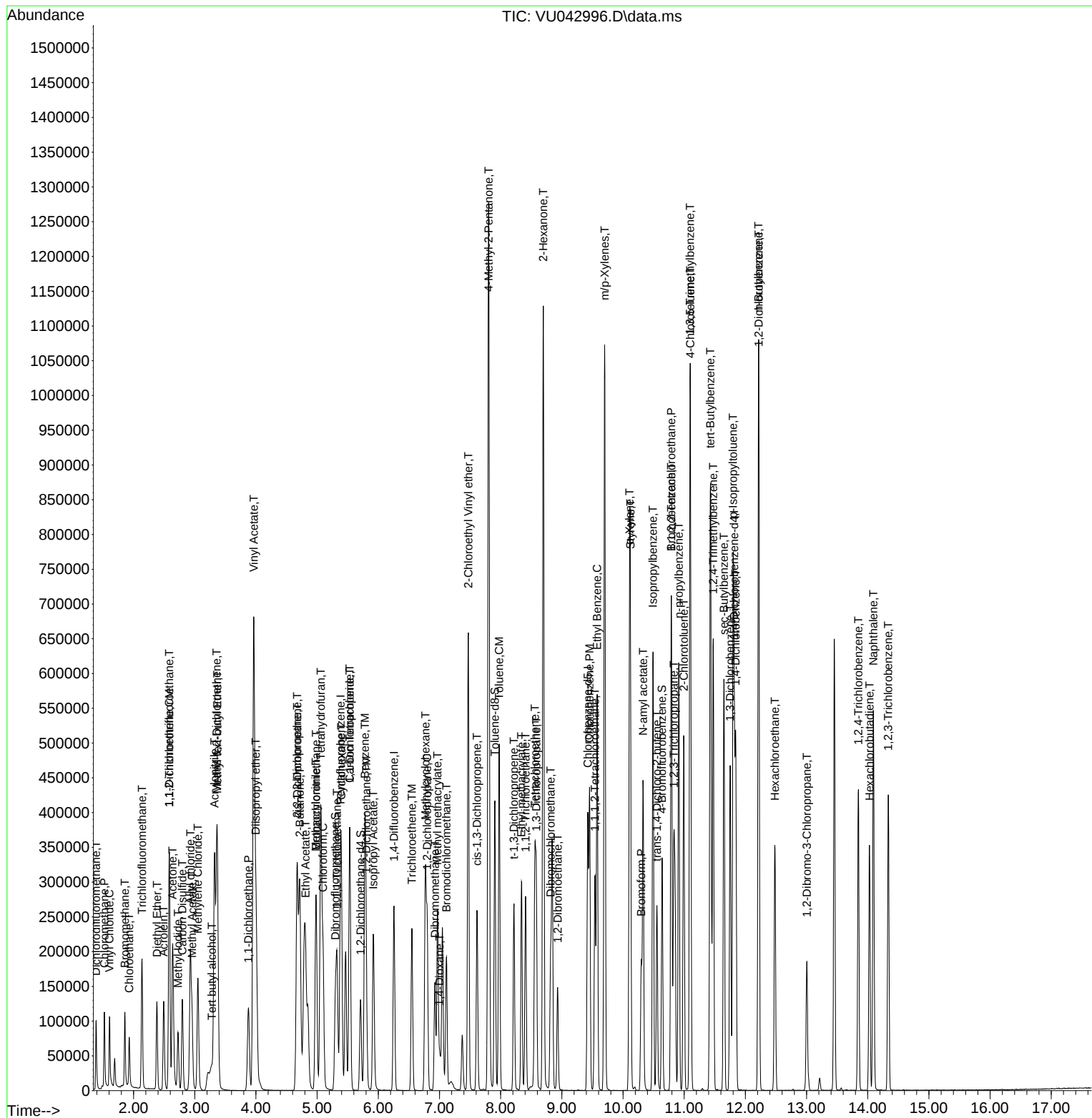
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
Data File : VU042996.D
Acq On : 08 Apr 2021 19:54
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

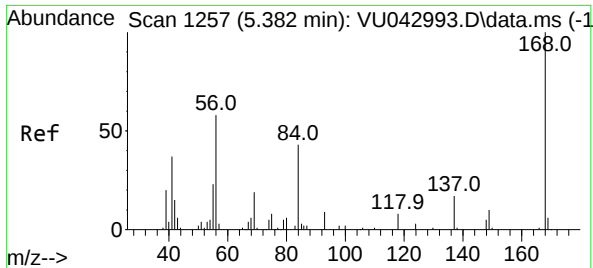
Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

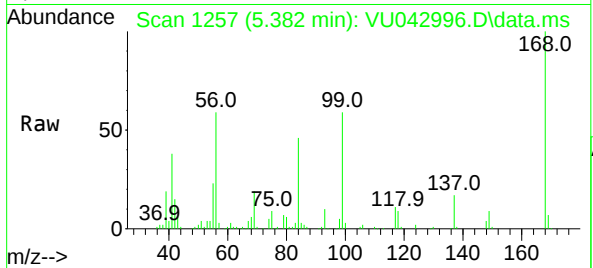
MMDadoda
4/9/2021 1:47:34 PM

Quant Time: Apr 09 07:31:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 09 07:30:23 2021
Response via : Initial Calibration

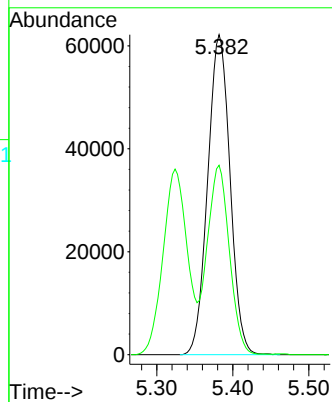
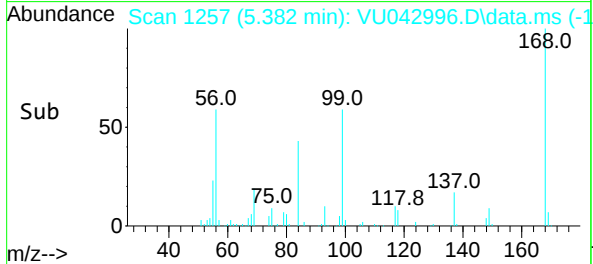




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



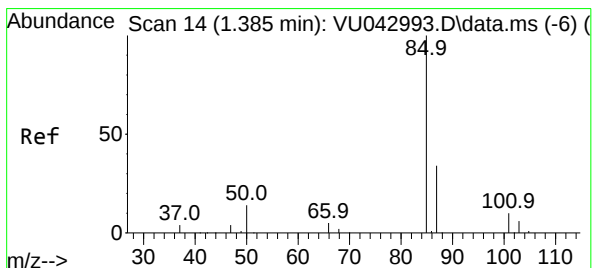
Tgt Ion: 168 Resp: 126842
Ion Ratio Lower Upper
168 100
99 58.9 47.5 71.3



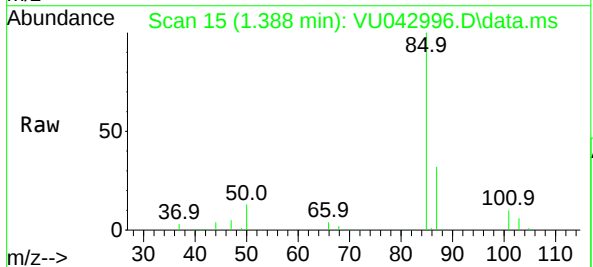
Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

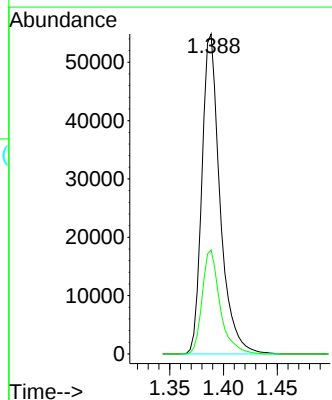
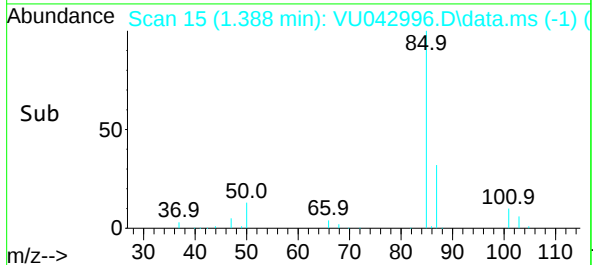
MMDadoda
4/9/2021 1:47:34 PM

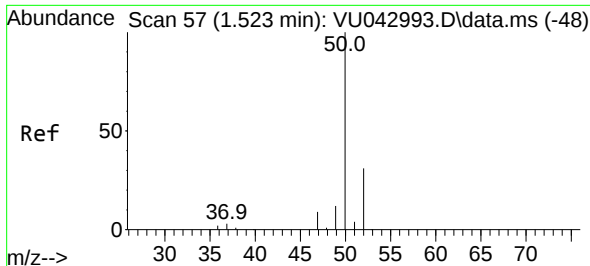


#2
Dichlorodifluoromethane
Concen: 53.20 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



Tgt Ion: 85 Resp: 64072
Ion Ratio Lower Upper
85 100
87 32.5 17.0 50.9





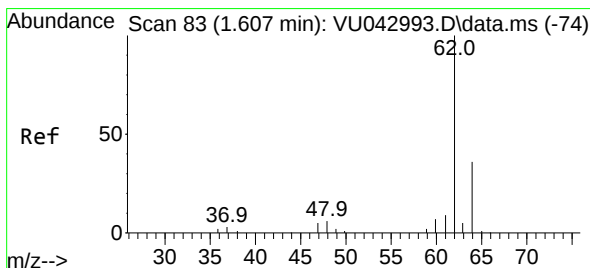
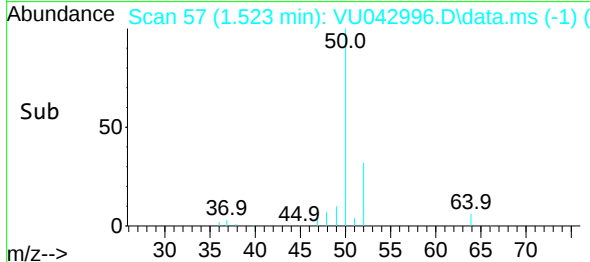
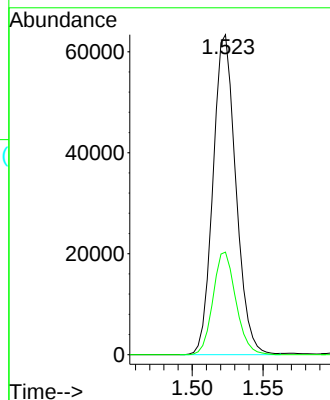
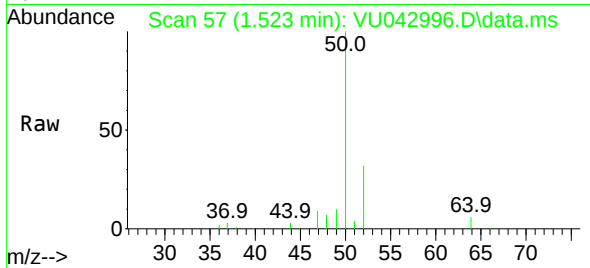
#3
Chloromethane
Concen: 50.05 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 50 Resp: 71161
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

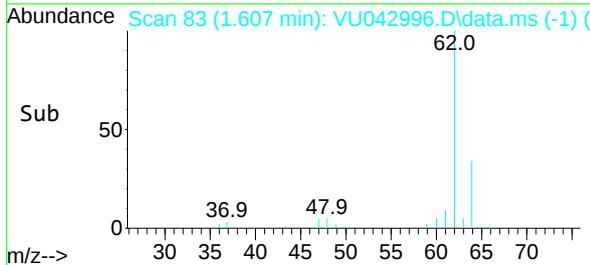
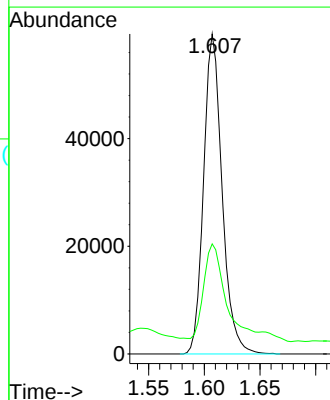
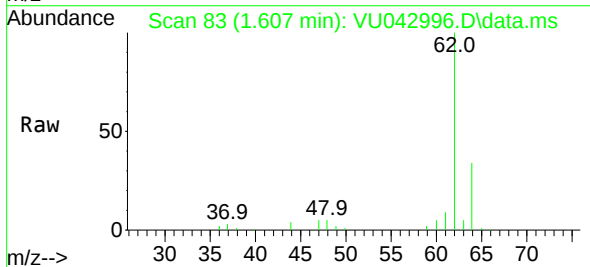
Manual Integrations
APPROVED

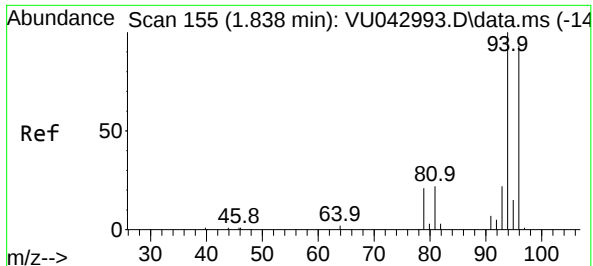
MMDadoda
4/9/2021 1:47:34 PM



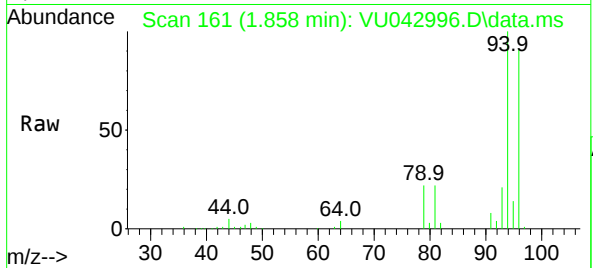
#4
Vinyl Chloride
Concen: 51.10 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 62 Resp: 68656
Ion Ratio Lower Upper
62 100
64 29.5 28.9 43.3

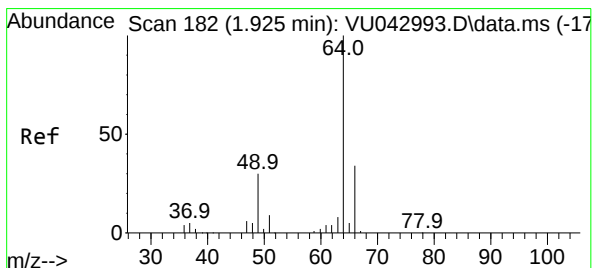
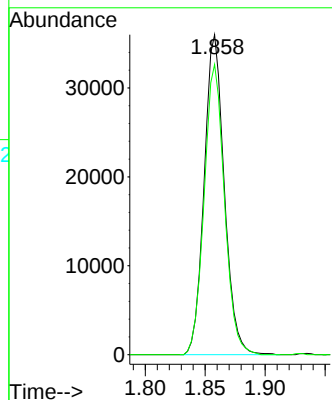
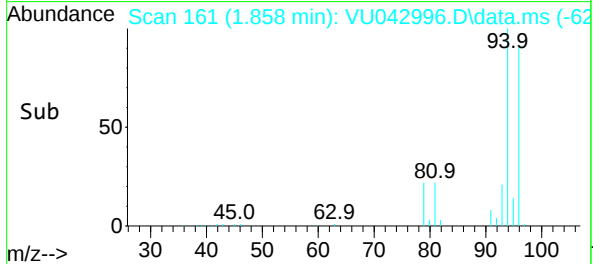




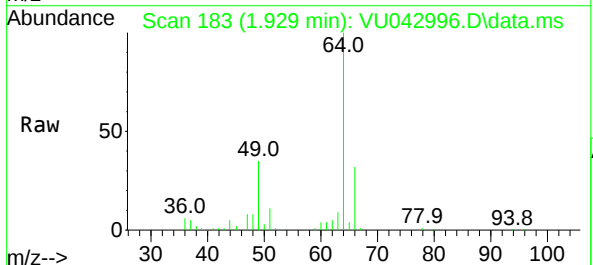
#5
Bromomethane
Concen: 52.09 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.020 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



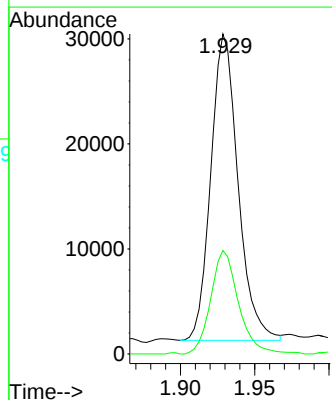
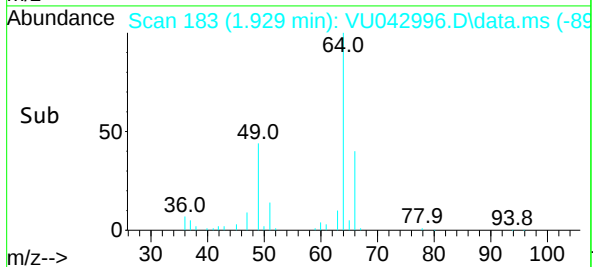
Tgt Ion: 94 Resp: 41951
Ion Ratio Lower Upper
94 100
96 90.7 74.7 112.1



#6
Chloroethane
Concen: 37.38 ug/l
RT: 1.929 min Scan# 183
Delta R.T. 0.004 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



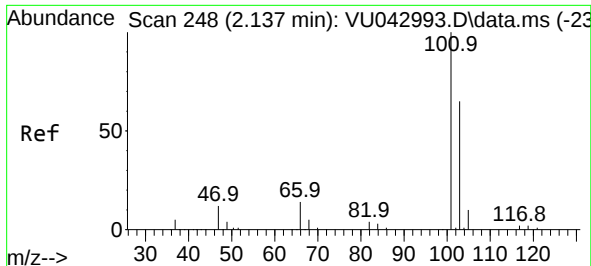
Tgt Ion: 64 Resp: 37170
Ion Ratio Lower Upper
64 100
66 33.8 26.9 40.3



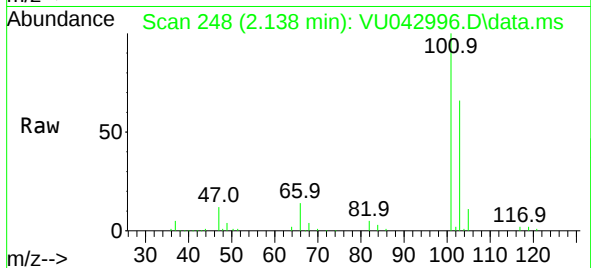
Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

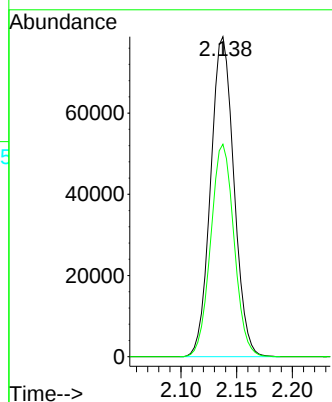
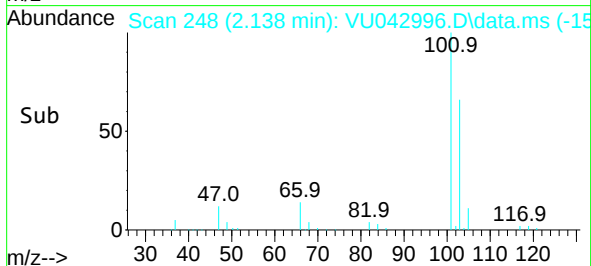
MMDadoda
4/9/2021 1:47:34 PM



#7
 Trichlorofluoromethane
 Concen: 49.30 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54



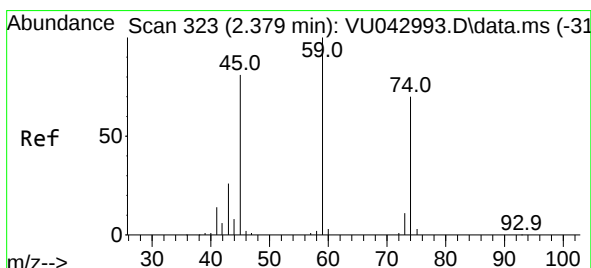
Tgt Ion:101 Resp: 114587
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.4 78.6



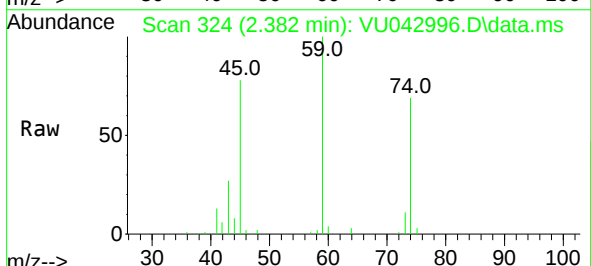
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU040921

Manual Integrations
 APPROVED

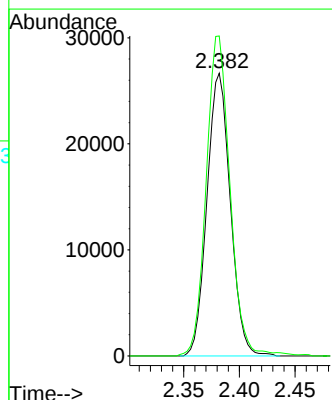
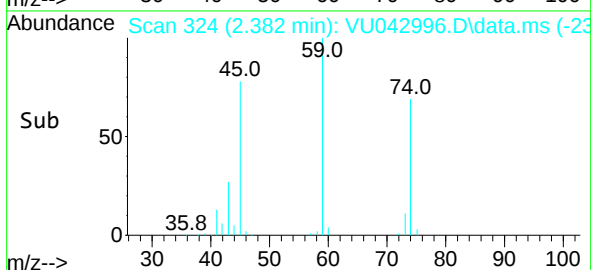
MMDadoda
 4/9/2021 1:47:34 PM

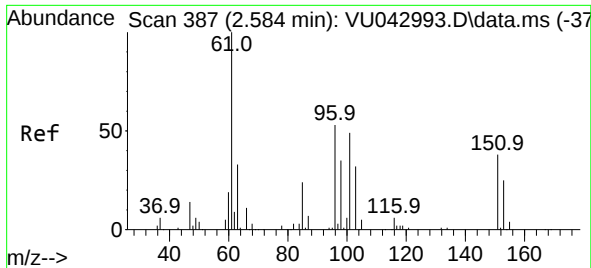


#8
 Diethyl Ether
 Concen: 52.30 ug/l
 RT: 2.382 min Scan# 324
 Delta R.T. 0.003 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54



Tgt Ion: 74 Resp: 38940
 Ion Ratio Lower Upper
 74 100
 45 115.2 57.8 173.3





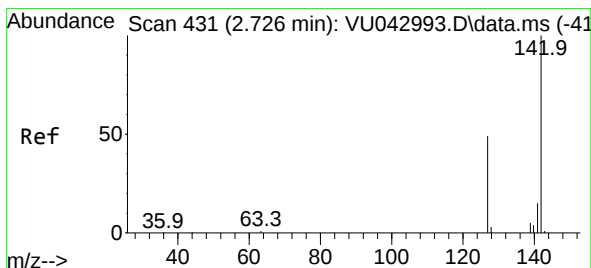
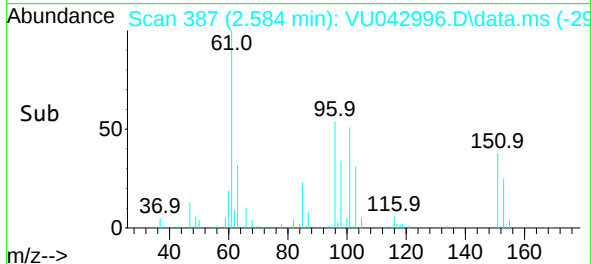
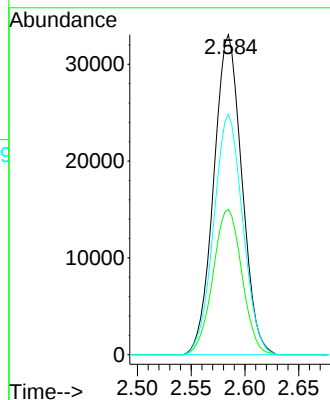
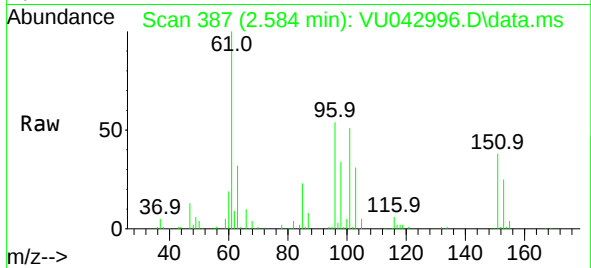
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.32 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:101	Resp:	60119
Ion Ratio	Lower	Upper
101	100	
85	46.8	38.2 57.4
151	77.7	63.2 94.8

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

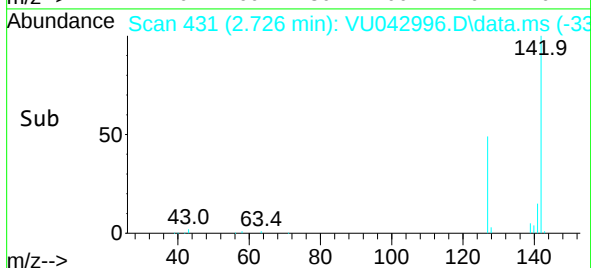
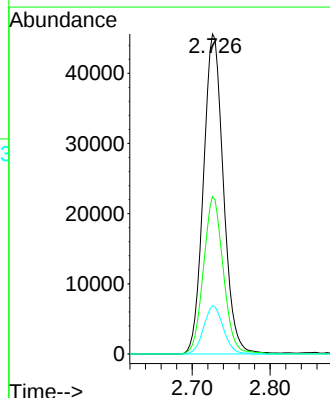
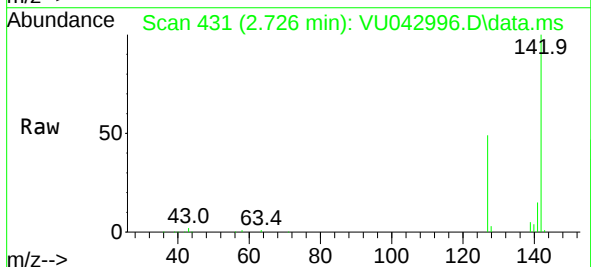
Manual Integrations
APPROVED

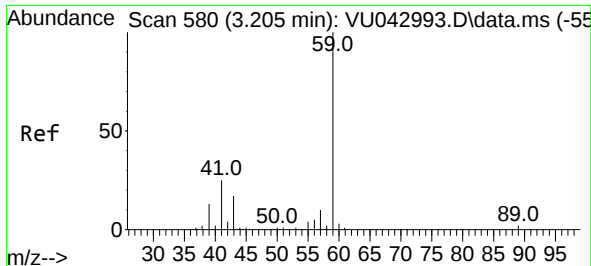
MMDadoda
4/9/2021 1:47:34 PM



#10
Methyl Iodide
Concen: 49.69 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

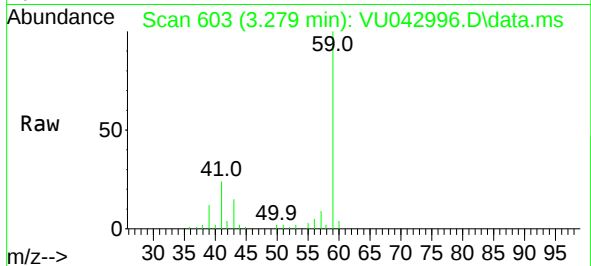
Tgt Ion:142	Resp:	81256
Ion Ratio	Lower	Upper
142	100	
127	48.7	38.4 57.6
141	14.8	11.7 17.5





#11
Tert butyl alcohol
Concen: 241.44 ug/l m
RT: 3.279 min Scan# 603
Delta R.T. 0.074 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

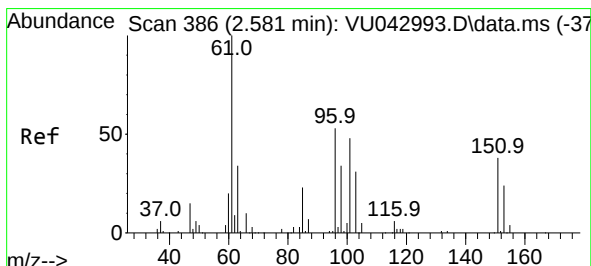
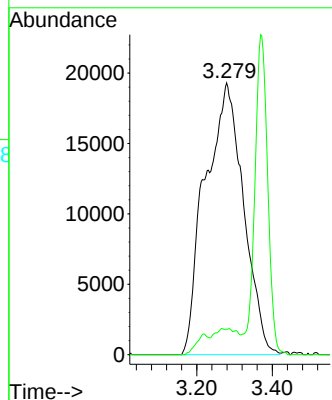
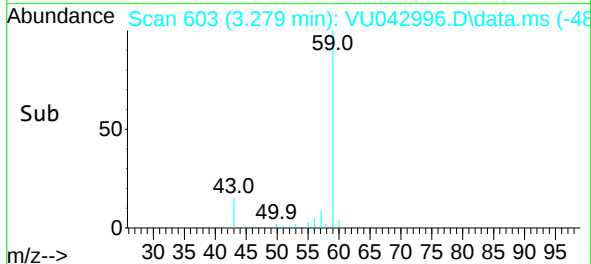
Instrument :
MSVOA_U
ClientSampled :
ICVVU040921



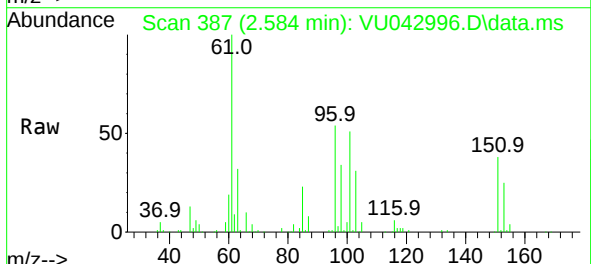
Tgt Ion: 59 Resp: 136112
Ion Ratio Lower Upper
59 100
57 2.5 8.6 13.0#

Manual Integrations
APPROVED

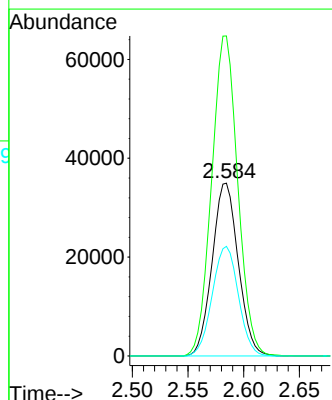
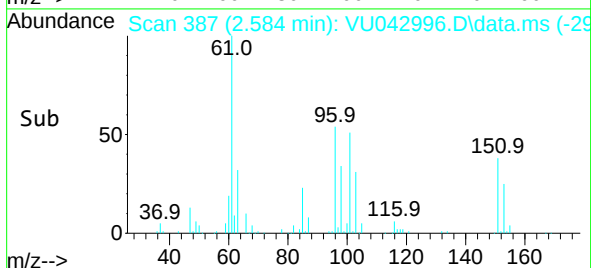
MMDadoda
4/9/2021 1:47:34 PM

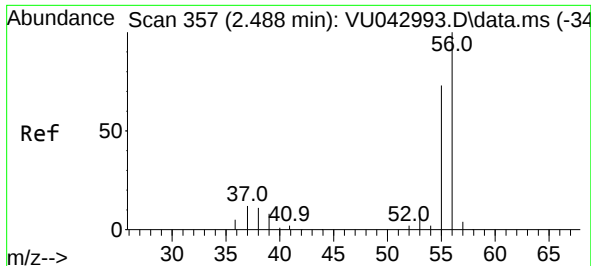


#12
1,1-Dichloroethene
Concen: 48.83 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

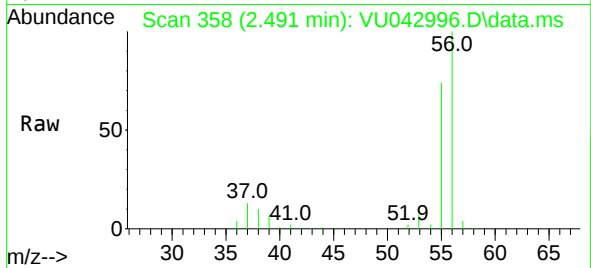


Tgt Ion: 96 Resp: 57054
Ion Ratio Lower Upper
96 100
61 185.2 150.2 225.2
98 63.4 51.6 77.4

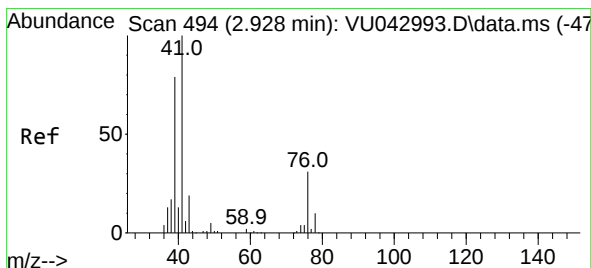
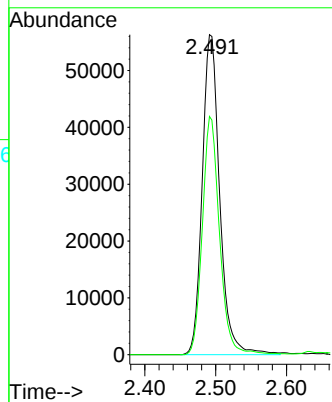
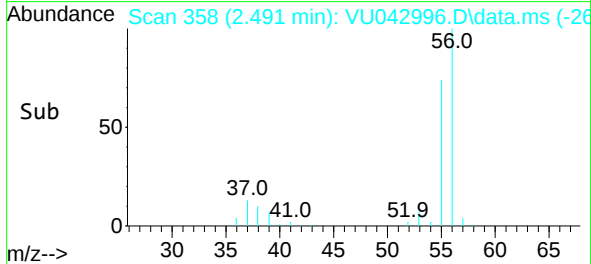




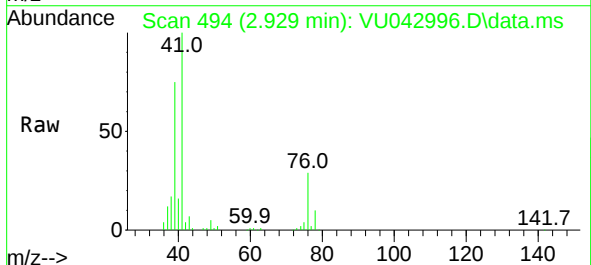
#13
Acrolein
Concen: 238.49 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



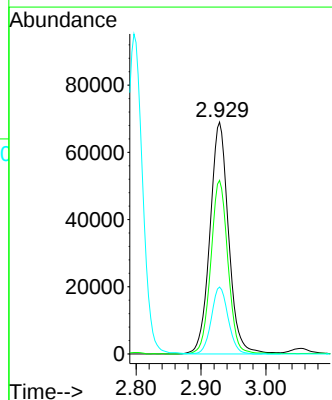
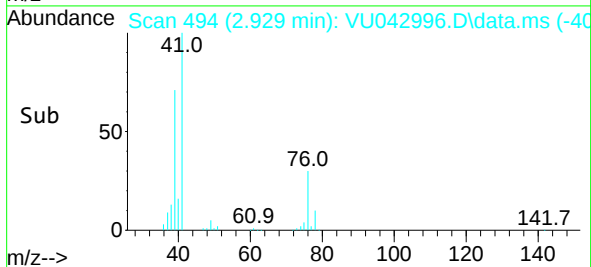
Tgt Ion: 56 Resp: 96581
Ion Ratio Lower Upper
56 100
55 72.9 57.4 86.2



#14
Allyl chloride
Concen: 51.33 ug/l
RT: 2.929 min Scan# 494
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



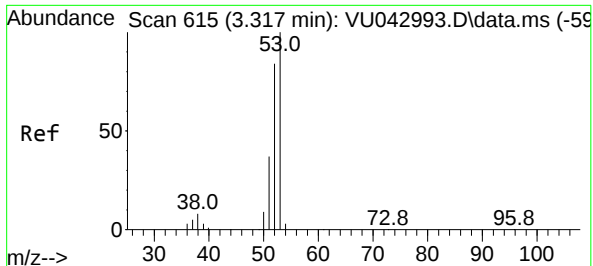
Tgt Ion: 41 Resp: 137701
Ion Ratio Lower Upper
41 100
39 69.0 56.4 84.6
76 25.9 21.4 32.0



Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

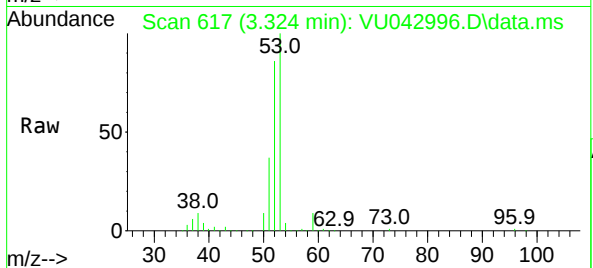
Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM



#15
Acrylonitrile
Concen: 252.02 ug/l
RT: 3.324 min Scan# 617
Delta R.T. 0.007 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

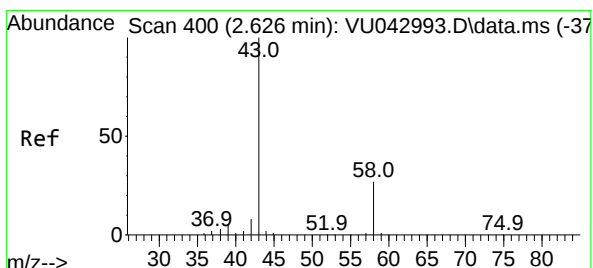
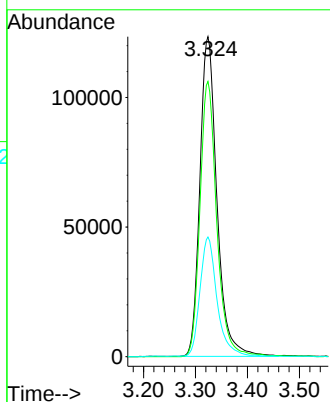
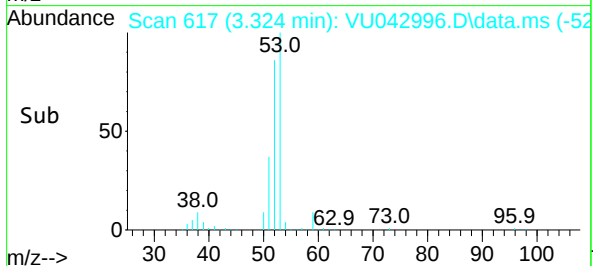
Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921



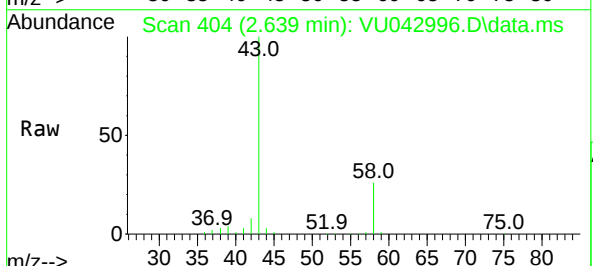
Tgt Ion: 53 Resp: 281406
Ion Ratio Lower Upper
53 100
52 84.4 68.7 103.1
51 37.1 30.5 45.7

Manual Integrations
APPROVED

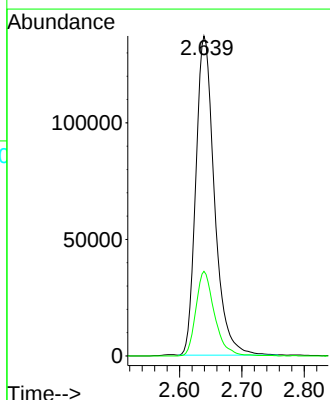
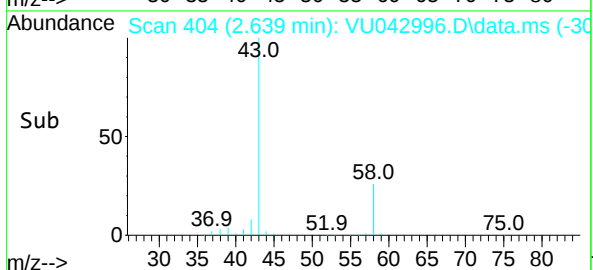
MMDadoda
4/9/2021 1:47:34 PM

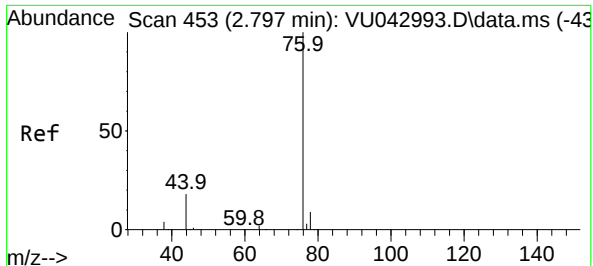


#16
Acetone
Concen: 243.53 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.013 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



Tgt Ion: 43 Resp: 283181
Ion Ratio Lower Upper
43 100
58 26.5 21.4 32.0





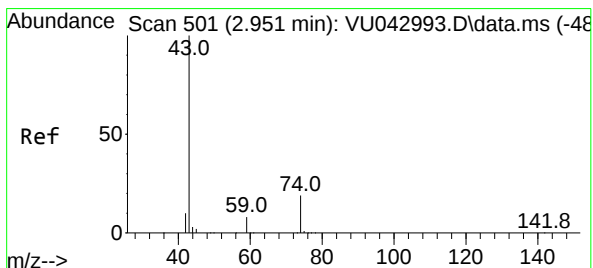
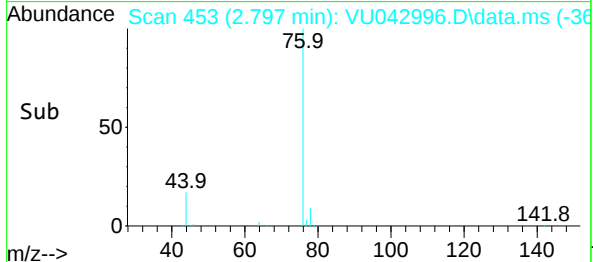
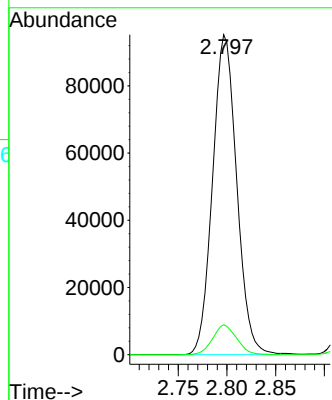
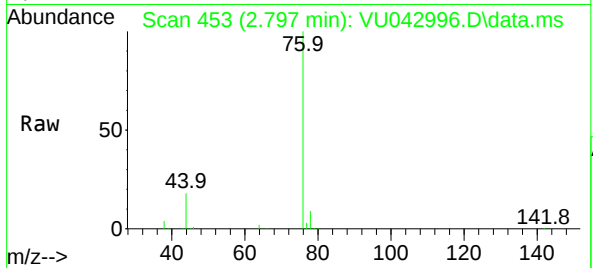
#17
Carbon Disulfide
Concen: 49.14 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 76 Resp: 163866
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

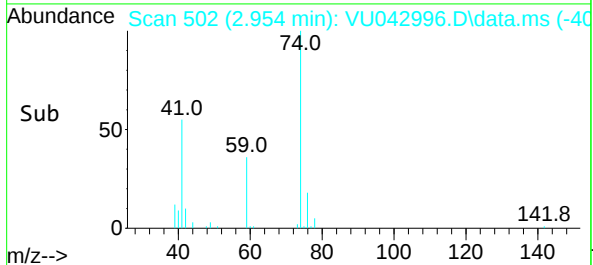
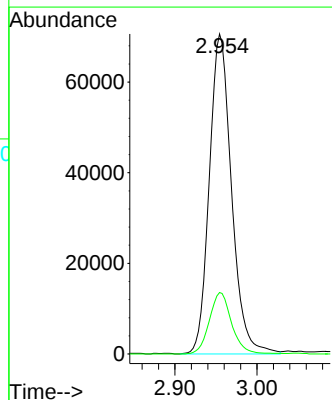
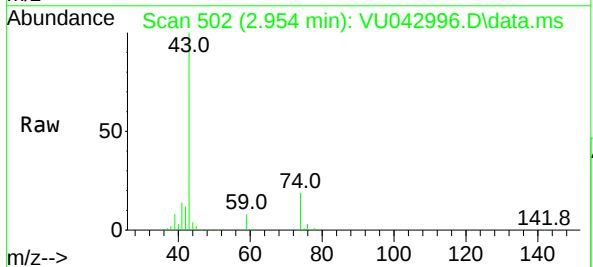
Manual Integrations
APPROVED

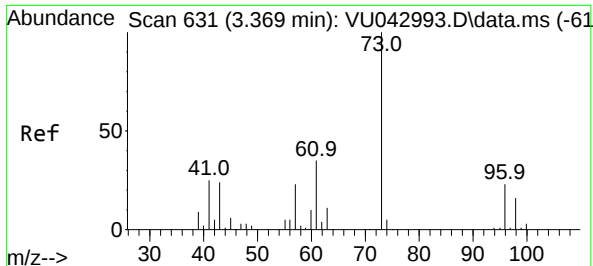
MMDadoda
4/9/2021 1:47:34 PM



#18
Methyl Acetate
Concen: 50.18 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 43 Resp: 133050
Ion Ratio Lower Upper
43 100
74 19.3 16.0 24.0





#19

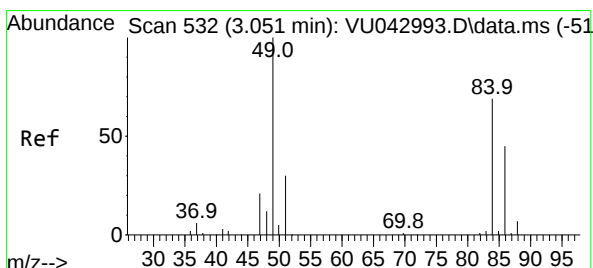
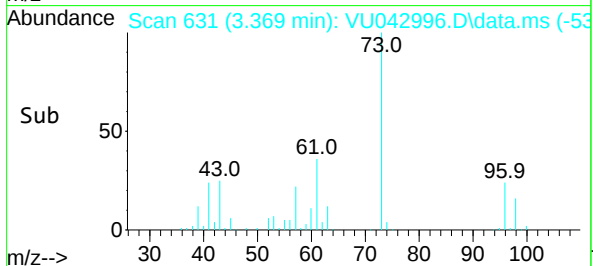
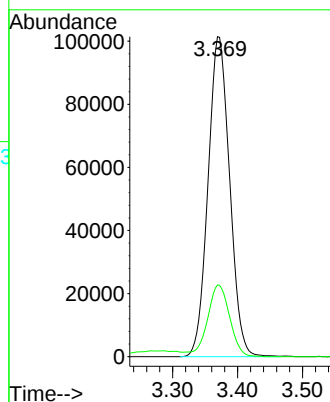
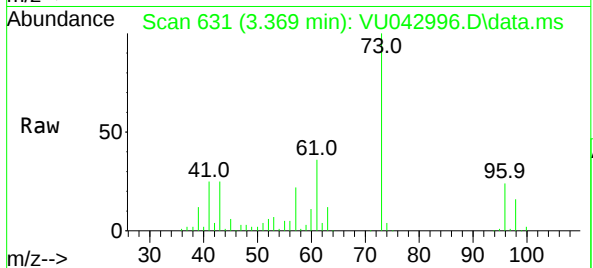
Methyl tert-butyl Ether
Concen: 50.91 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 73 Resp: 234474
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

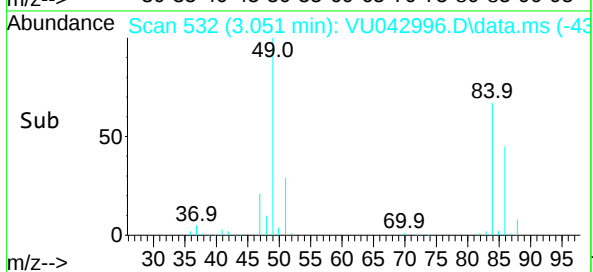
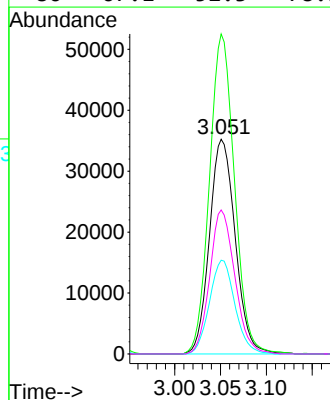
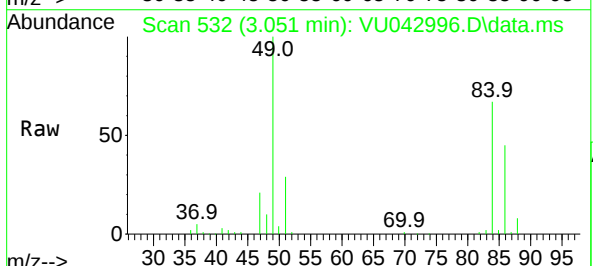
MMDadoda
4/9/2021 1:47:34 PM

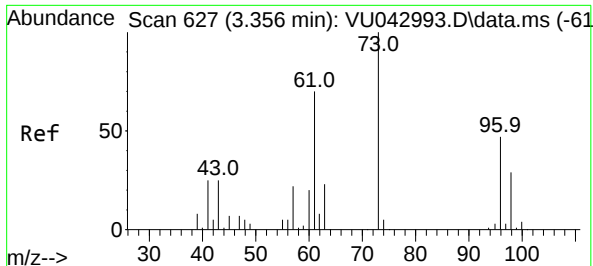


#20

Methylene Chloride
Concen: 46.30 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 84 Resp: 68925
Ion Ratio Lower Upper
84 100
49 149.0 116.1 174.1
51 43.7 35.1 52.7
86 67.1 52.3 78.5





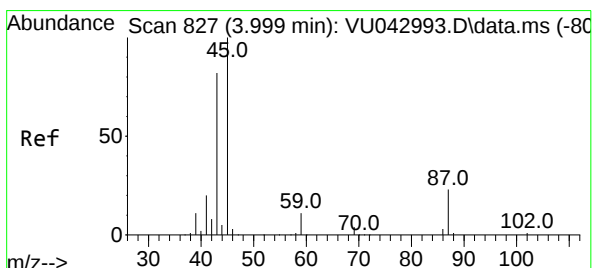
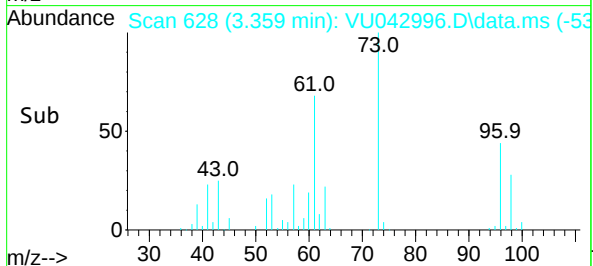
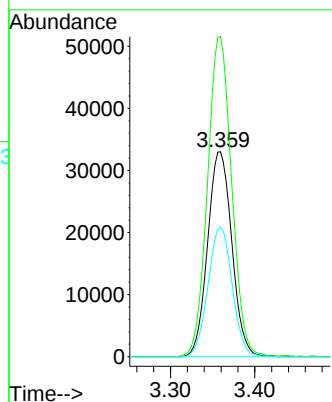
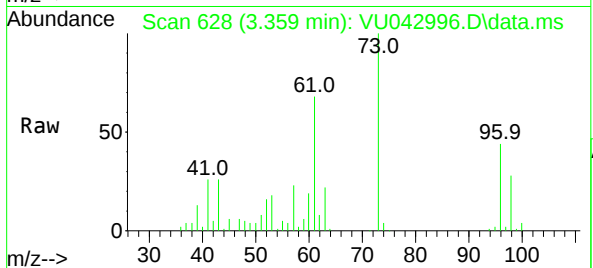
#21
trans-1,2-Dichloroethene
Concen: 49.84 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 96 Resp: 65930
Ion Ratio Lower Upper
96 100
61 155.7 119.1 178.7
98 63.1 48.8 73.2

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

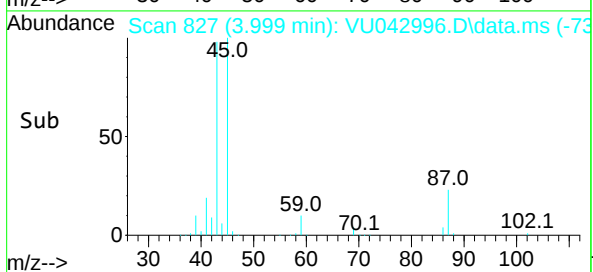
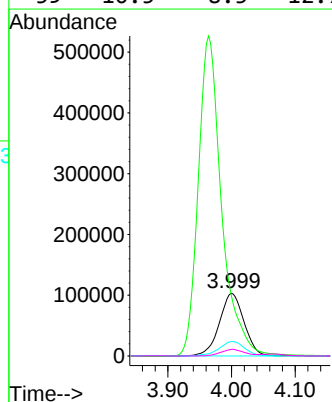
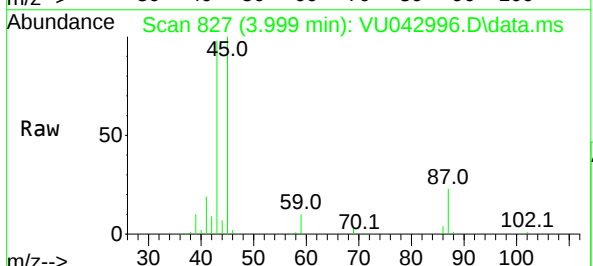
Manual Integrations
APPROVED

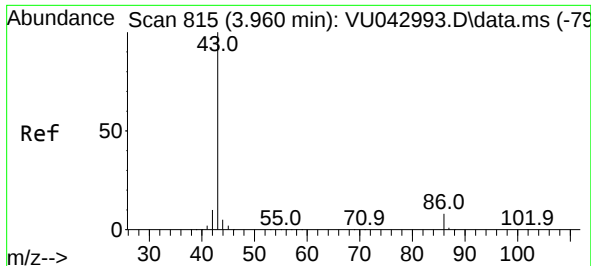
MMDadoda
4/9/2021 1:47:34 PM



#22
Diisopropyl ether
Concen: 52.00 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 45 Resp: 277229
Ion Ratio Lower Upper
45 100
43 95.7 67.3 100.9
87 22.9 18.6 27.8
59 10.5 8.5 12.7





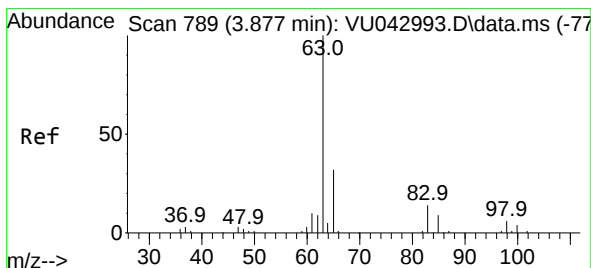
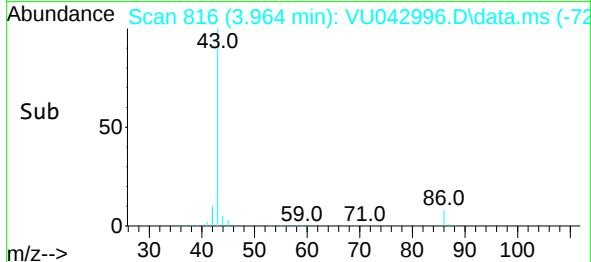
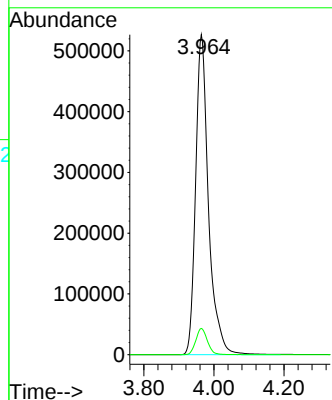
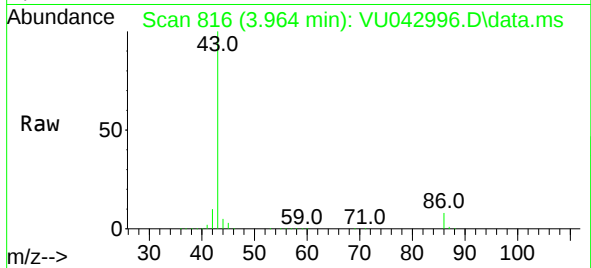
#23
 Vinyl Acetate
 Concen: 263.46 ug/l
 RT: 3.964 min Scan# 816
 Delta R.T. 0.003 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54

Tgt Ion: 43 Resp: 1347747
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.6 10.0

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU040921

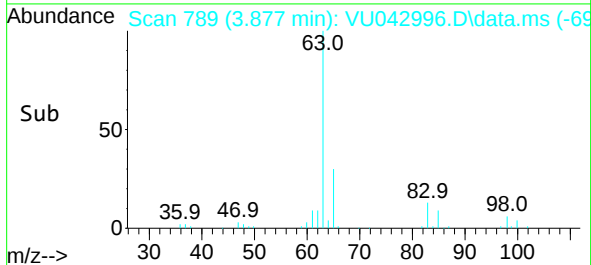
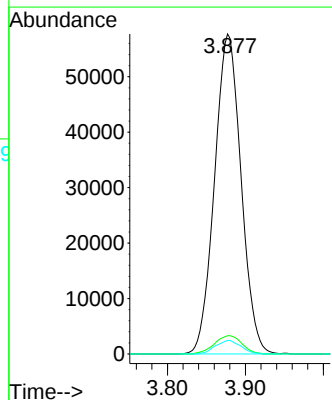
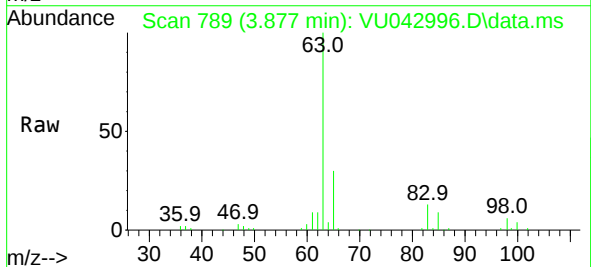
Manual Integrations
 APPROVED

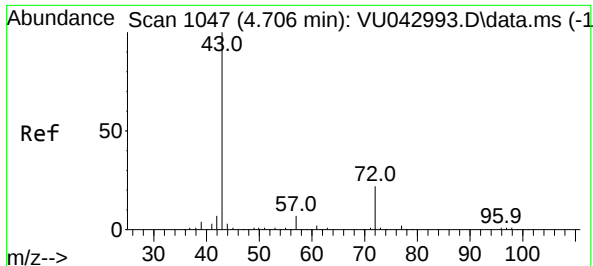
MMDadoda
 4/9/2021 1:47:34 PM



#24
 1,1-Dichloroethane
 Concen: 52.11 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54

Tgt Ion: 63 Resp: 136391
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.1 9.3
 100 4.2 1.8 5.4





#25

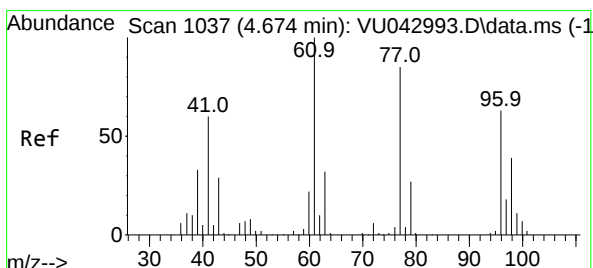
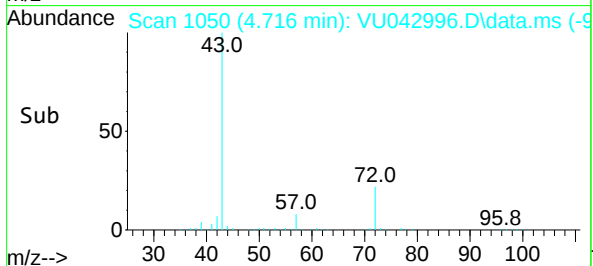
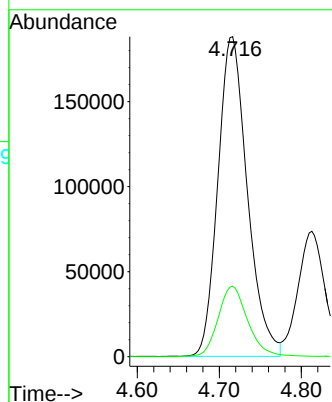
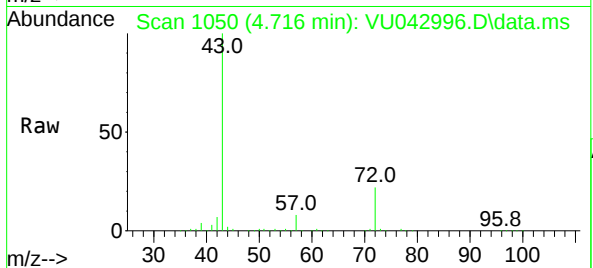
2-Butanone
Concen: 252.61 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 43 Resp: 469342
Ion Ratio Lower Upper
43 100
72 22.0 17.4 26.2

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

Manual Integrations
APPROVED

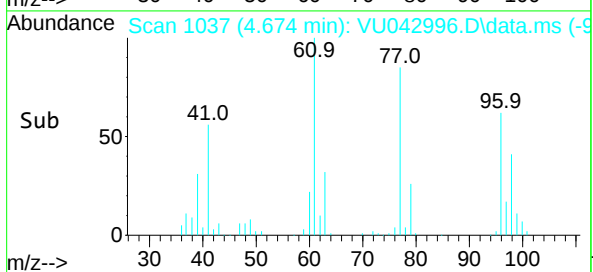
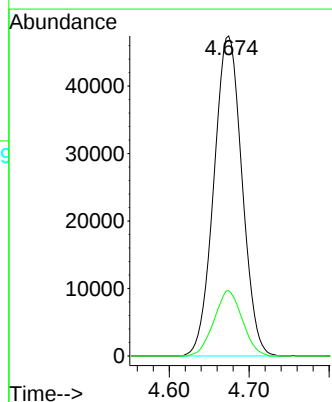
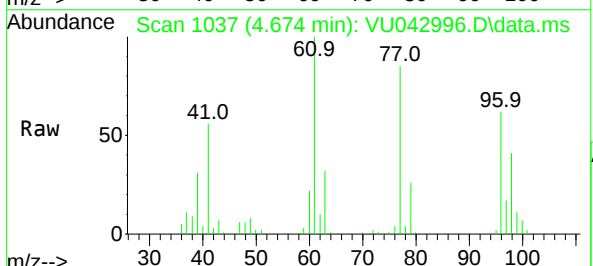
MMDadoda
4/9/2021 1:47:34 PM

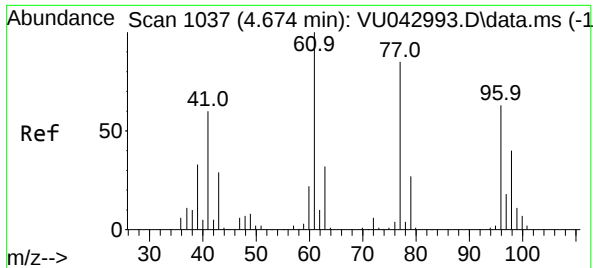


#26

2,2-Dichloropropane
Concen: 49.61 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 77 Resp: 115838
Ion Ratio Lower Upper
77 100
97 20.5 10.6 31.8





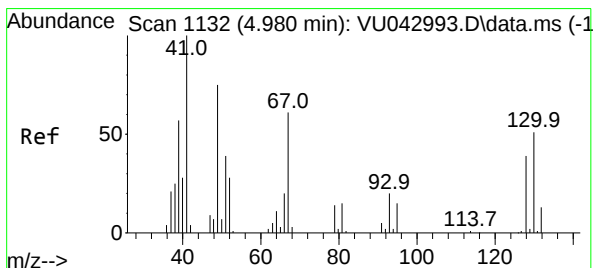
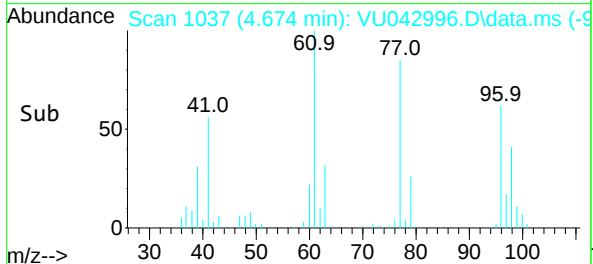
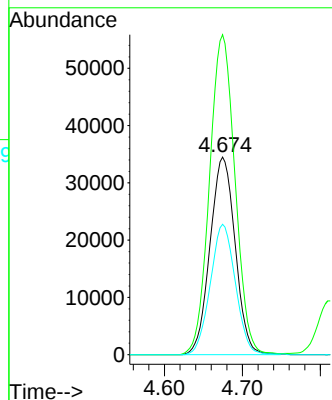
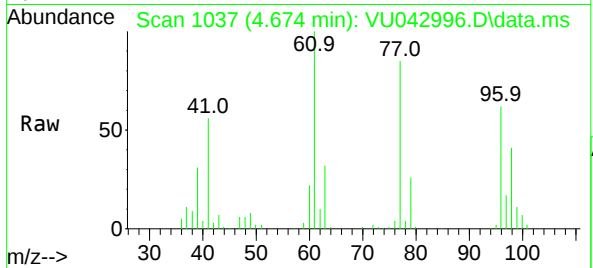
#27
cis-1,2-Dichloroethene
Concen: 52.13 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 96	Resp: 77375
Ion Ratio	Lower Upper
96 100	
61 163.9	0.0 327.0
98 65.8	0.0 127.4

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

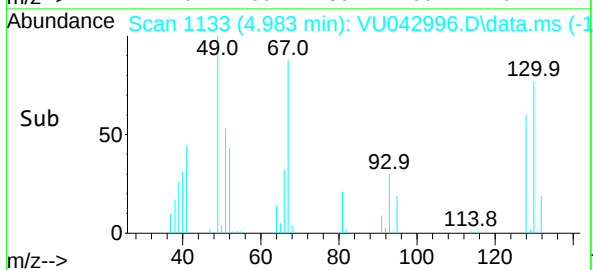
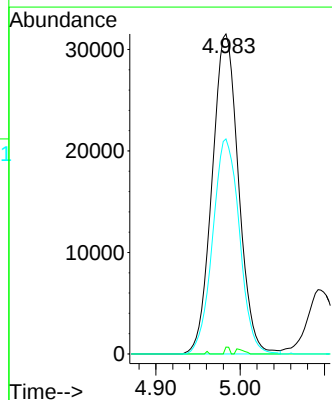
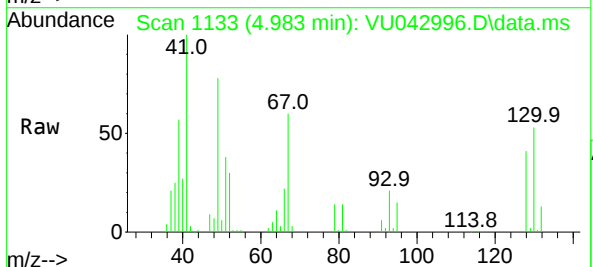
Manual Integrations
APPROVED

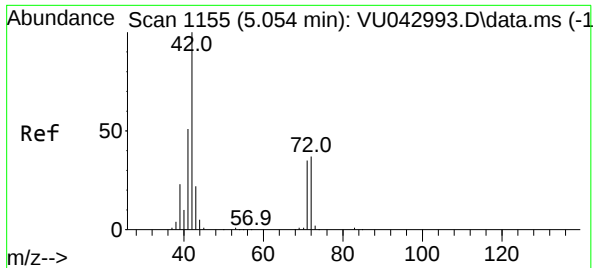
MMDadoda
4/9/2021 1:47:34 PM



#28
Bromochloromethane
Concen: 50.12 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 49	Resp: 68677
Ion Ratio	Lower Upper
49 100	
129 0.4	0.0 1.2
130 68.1	55.1 82.7





#29

Tetrahydrofuran

Concen: 253.43 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.007 min

Lab File: VU042996.D

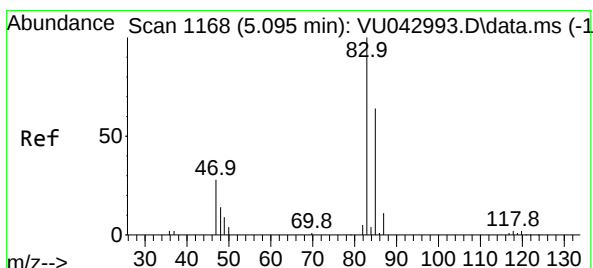
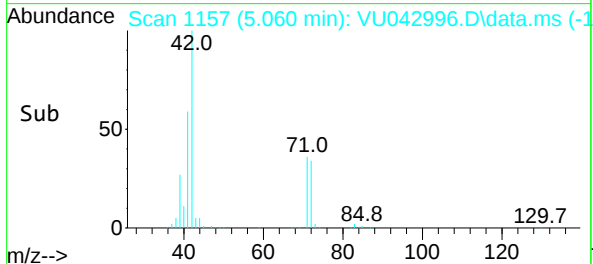
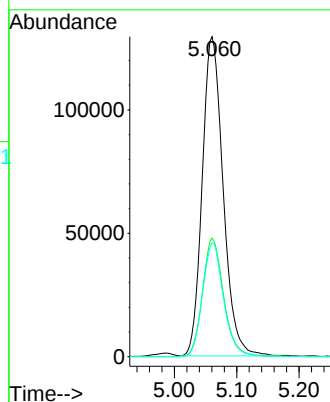
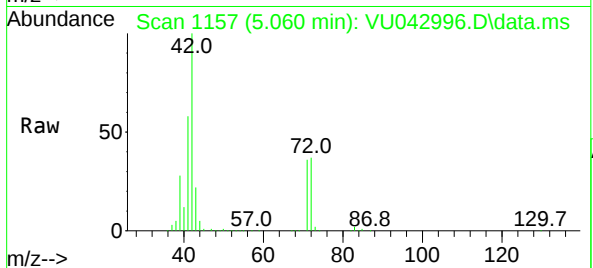
Acq: 08 Apr 2021 19:54

Tgt Ion:	42	Resp:	301377
Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.1	45.1
71	35.9	28.1	42.1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM



#30

Chloroform

Concen: 50.82 ug/l

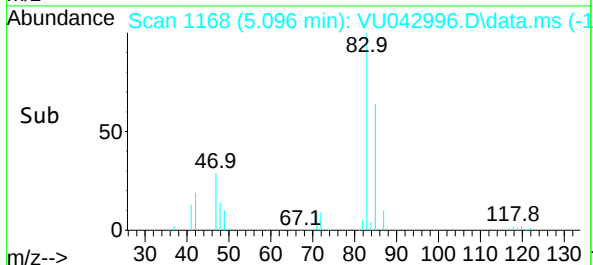
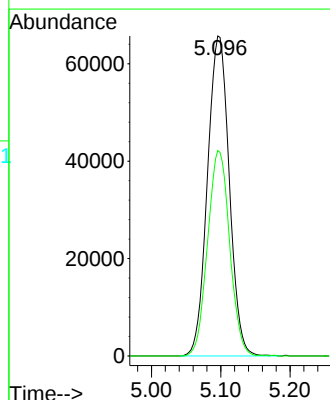
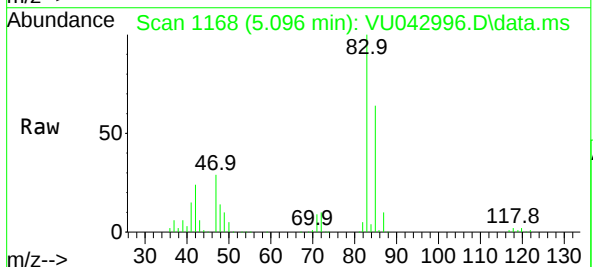
RT: 5.096 min Scan# 1168

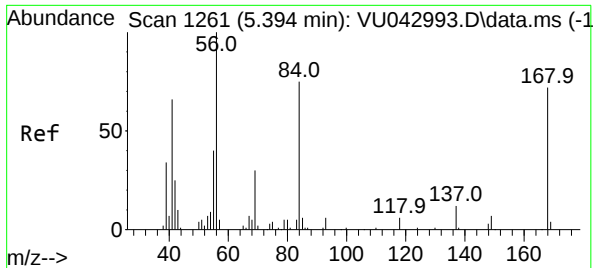
Delta R.T. 0.000 min

Lab File: VU042996.D

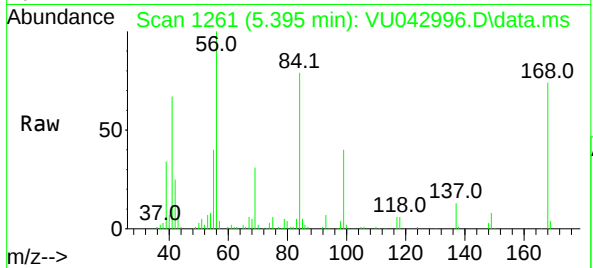
Acq: 08 Apr 2021 19:54

Tgt Ion:	83	Resp:	143529
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.8	76.2

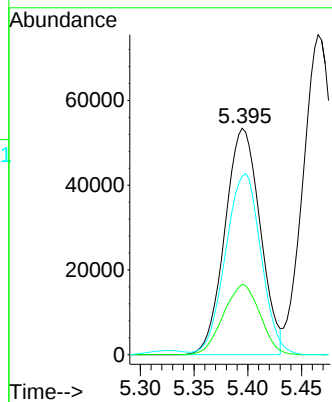
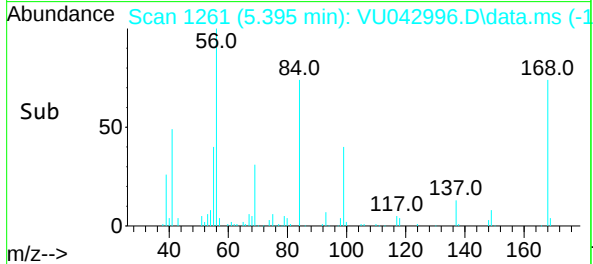




#31
Cyclohexane
Concen: 48.85 ug/l
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



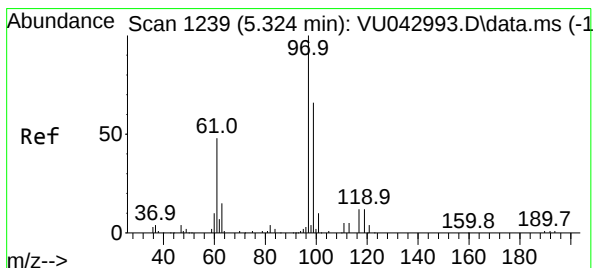
Tgt Ion: 56 Resp: 122079
Ion Ratio Lower Upper
56 100
69 31.0 23.9 35.9
84 77.3 59.8 89.6



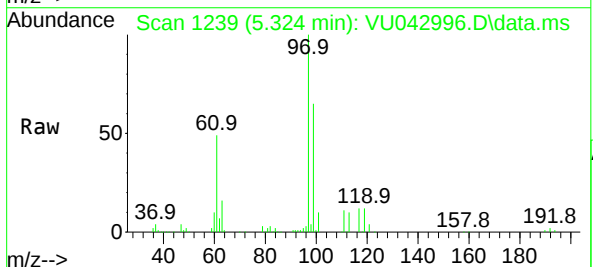
Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

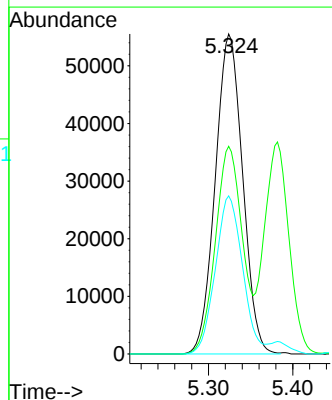
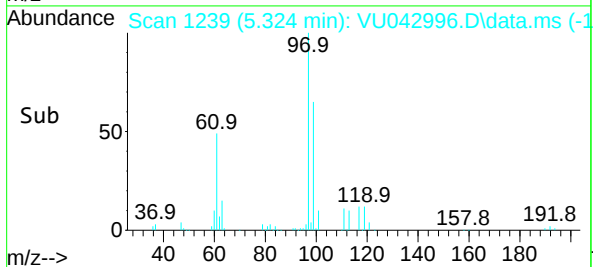
MMDadoda
4/9/2021 1:47:34 PM

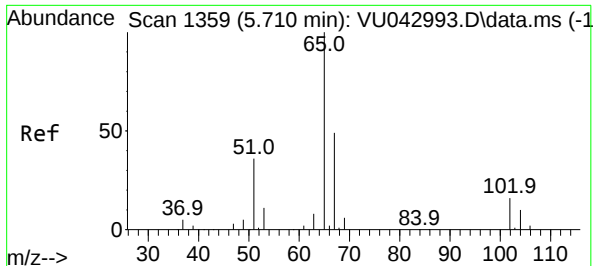


#32
1,1,1-Trichloroethane
Concen: 51.63 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



Tgt Ion: 97 Resp: 125237
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 49.2 38.6 57.8





#33

1,2-Dichloroethane-d4

Concen: 48.15 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU042996.D

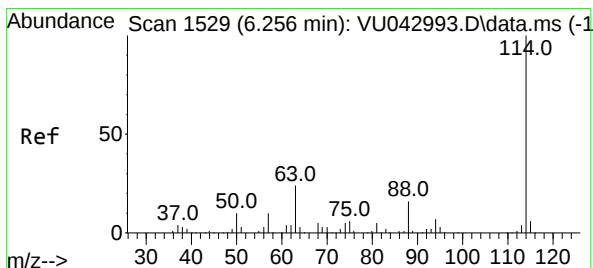
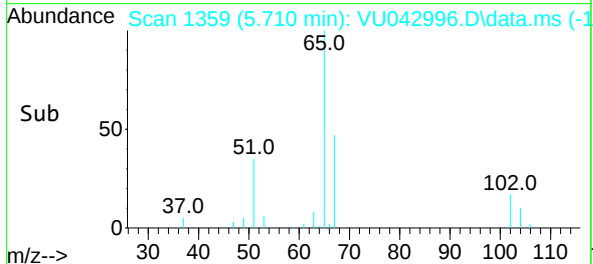
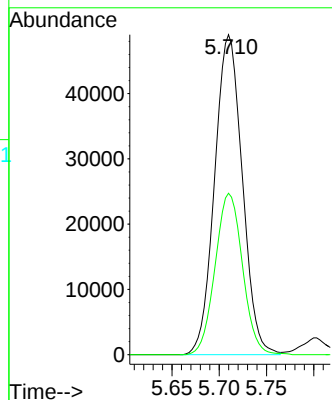
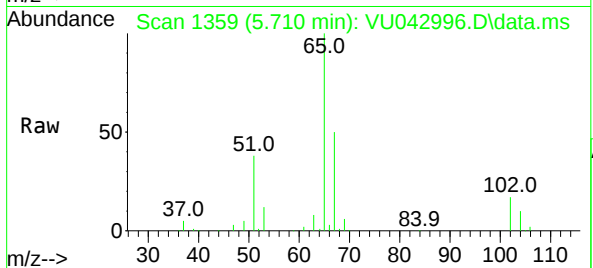
Acq: 08 Apr 2021 19:54

Tgt Ion: 65 Resp: 99842

Ion Ratio Lower Upper

65 100

67 49.9 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU042996.D

Acq: 08 Apr 2021 19:54

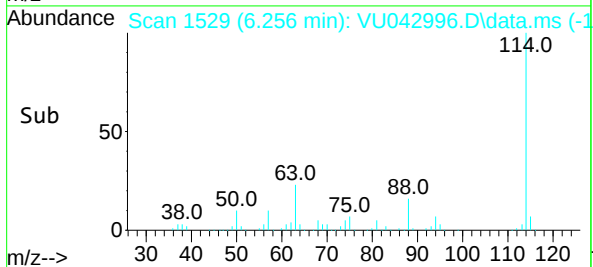
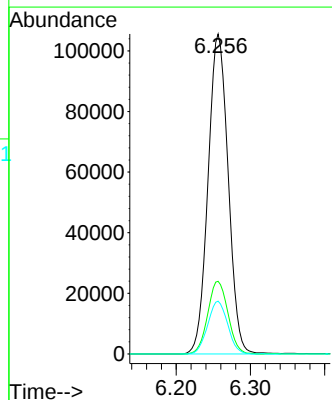
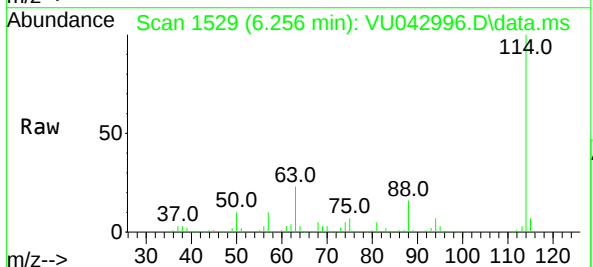
Tgt Ion: 114 Resp: 198245

Ion Ratio Lower Upper

114 100

63 22.7 0.0 48.0

88 16.5 0.0 32.6



Instrument :

MSVOA_U

ClientSampled :

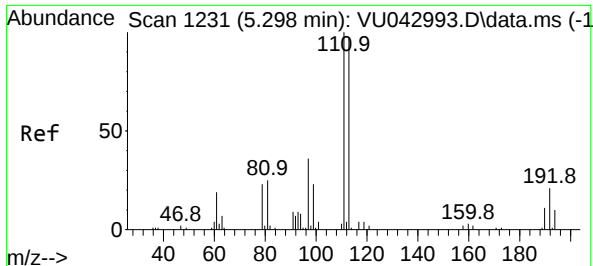
ICVVU040921

Manual Integrations

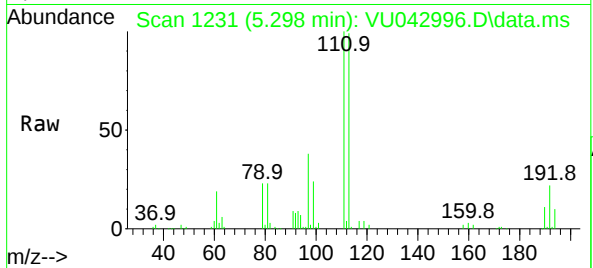
APPROVED

MMDadoda

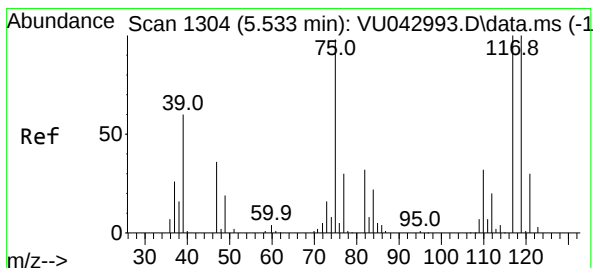
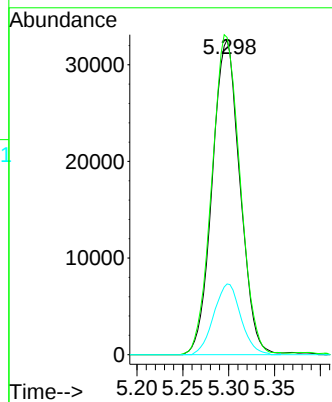
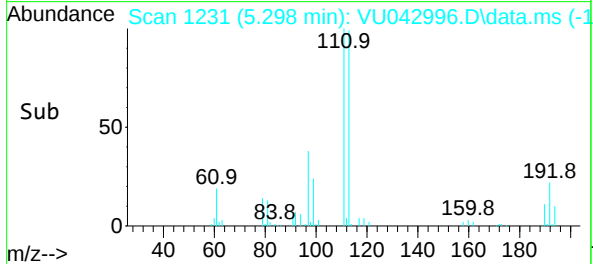
4/9/2021 1:47:34 PM



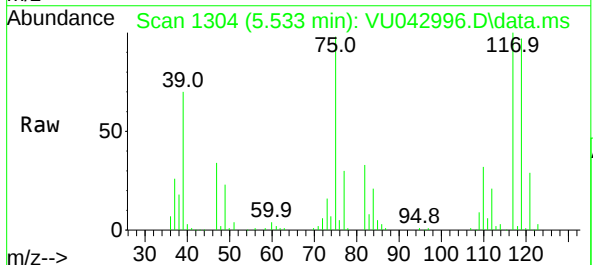
#35
Dibromofluoromethane
Concen: 47.25 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



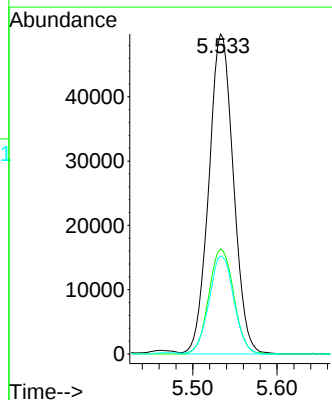
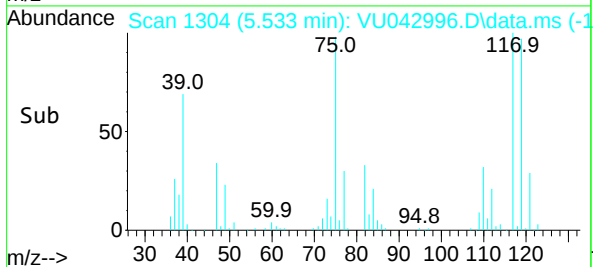
Tgt Ion: 113 Resp: 68397
Ion Ratio Lower Upper
113 100
111 103.7 81.7 122.5
192 22.0 17.1 25.7



#36
1,1-Dichloropropene
Concen: 51.85 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



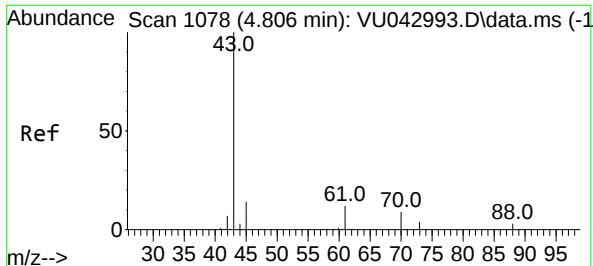
Tgt Ion: 75 Resp: 100944
Ion Ratio Lower Upper
75 100
110 33.2 16.3 48.8
77 30.9 23.8 35.6



Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM



#37

Ethyl Acetate

Concen: 51.70 ug/l

RT: 4.813 min Scan# 1080

Delta R.T. 0.007 min

Lab File: VU042996.D

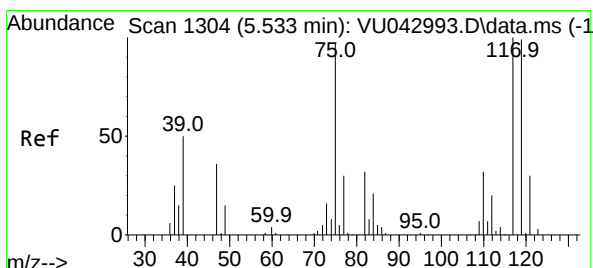
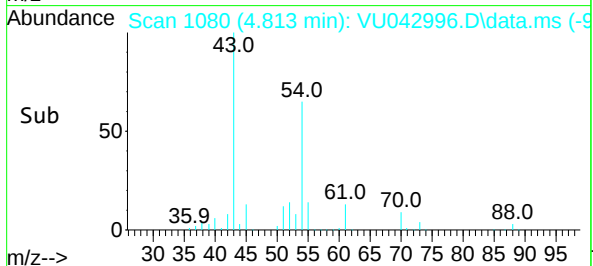
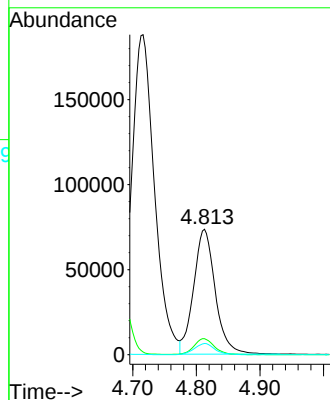
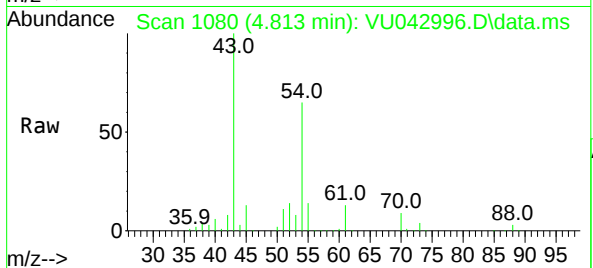
Acq: 08 Apr 2021 19:54

Tgt Ion:	43	Resp:	173296
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.6	14.4
70	8.5	6.6	9.8

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM



#38

Carbon Tetrachloride

Concen: 51.48 ug/l

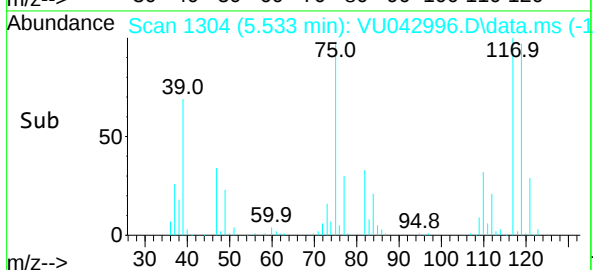
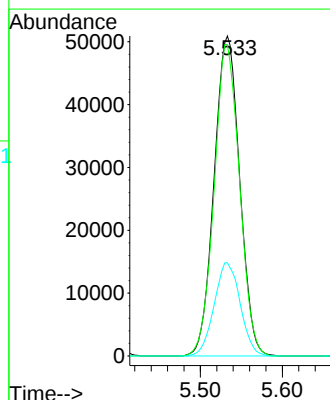
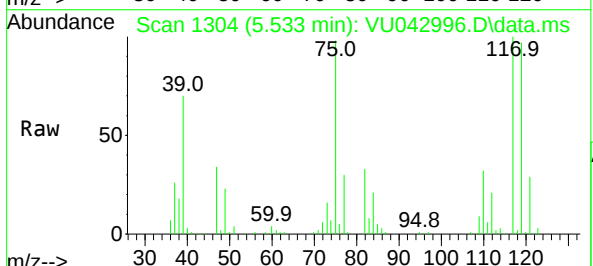
RT: 5.533 min Scan# 1304

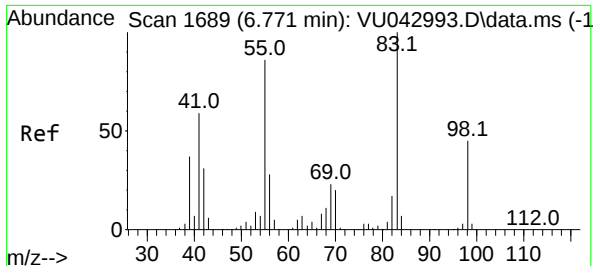
Delta R.T. 0.000 min

Lab File: VU042996.D

Acq: 08 Apr 2021 19:54

Tgt Ion:	117	Resp:	110380
Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.6	119.4
121	29.2	24.1	36.1





#39

Methylcyclohexane

Concen: 52.74 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU042996.D

Acq: 08 Apr 2021 19:54

Tgt Ion:	83	Resp:	113174
Ion	Ratio	Lower	Upper
83	100		
55	83.1	68.6	103.0
98	43.3	36.0	54.0

Instrument :

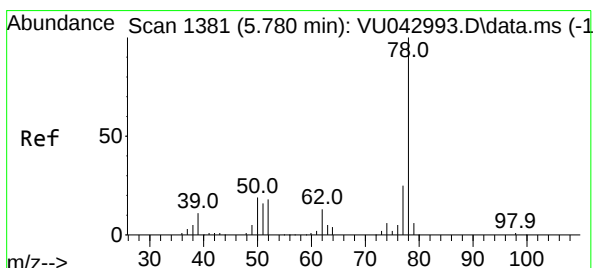
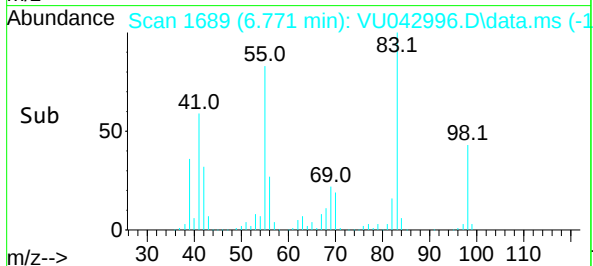
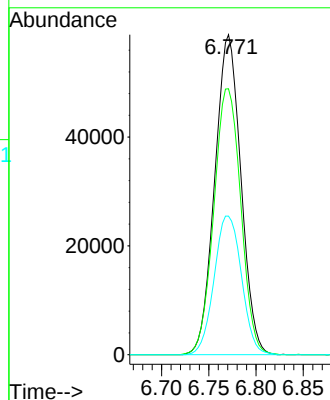
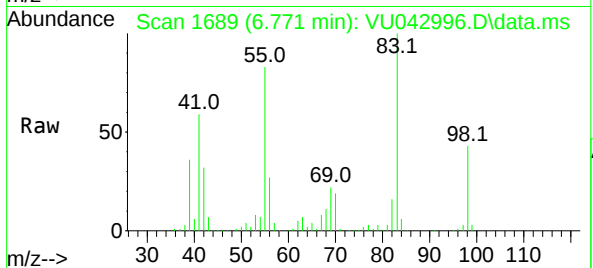
MSVOA_U

ClientSampleId :

ICVVU040921

Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM



#40

Benzene

Concen: 50.83 ug/l

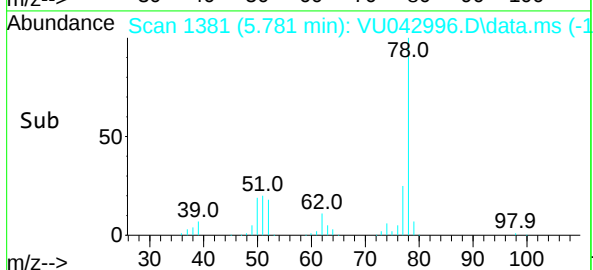
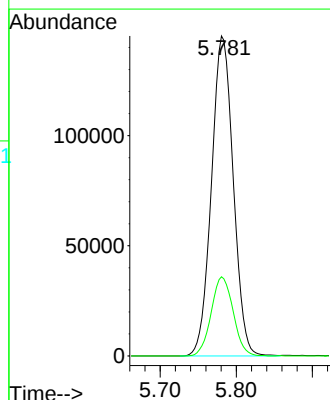
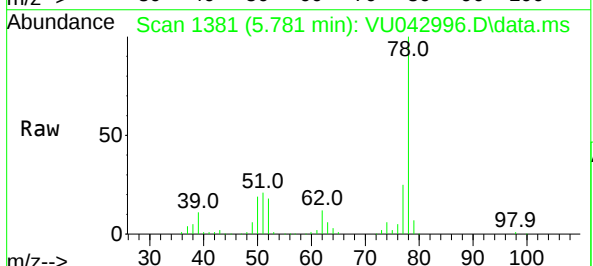
RT: 5.781 min Scan# 1381

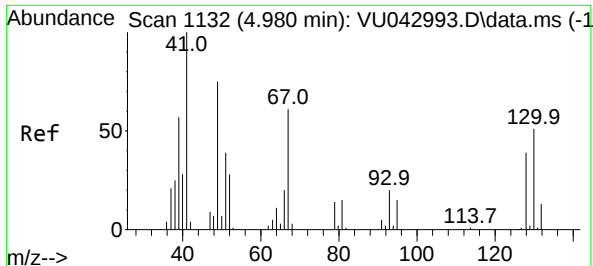
Delta R.T. 0.000 min

Lab File: VU042996.D

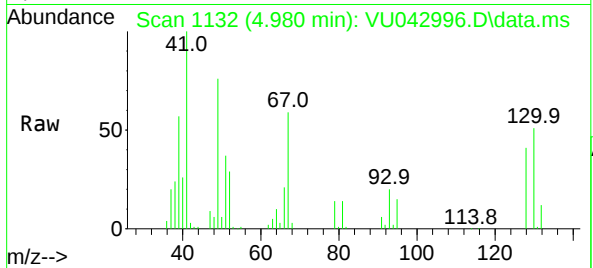
Acq: 08 Apr 2021 19:54

Tgt Ion:	78	Resp:	289472
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.8	29.6

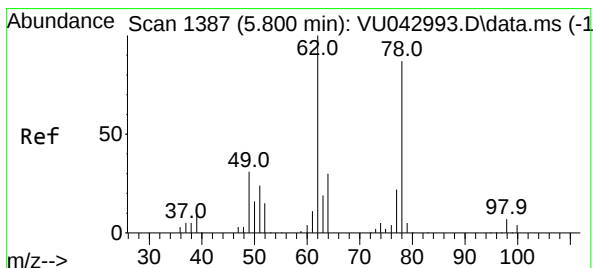
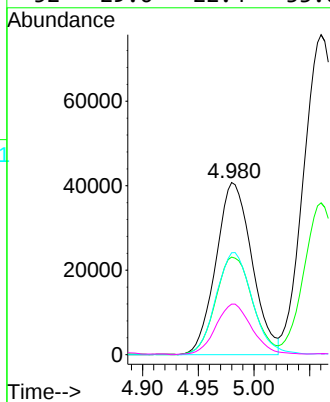
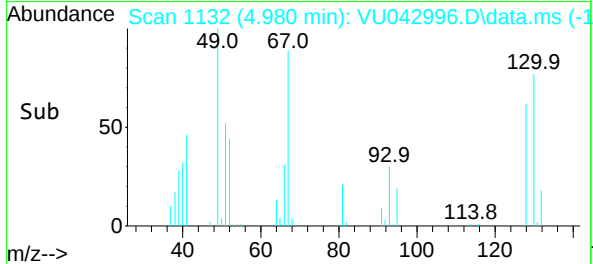




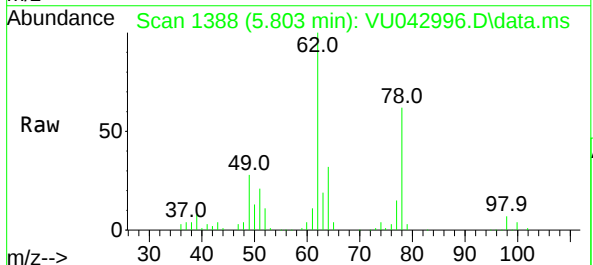
#41
Methacrylonitrile
Concen: 51.44 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



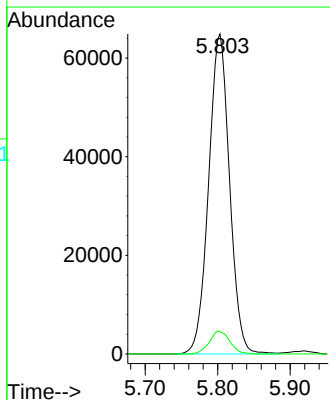
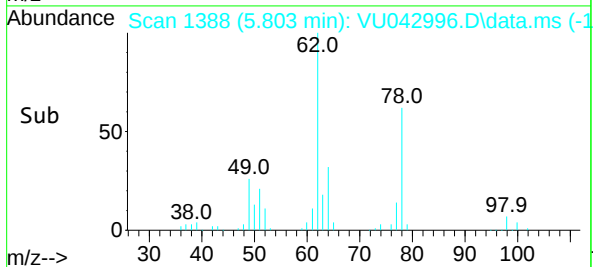
Tgt Ion: 41 Resp: 91781
Ion Ratio Lower Upper
41 100
39 58.3 45.7 68.5
67 59.8 48.0 72.0
52 29.6 22.4 33.6



#42
1,2-Dichloroethane
Concen: 51.47 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



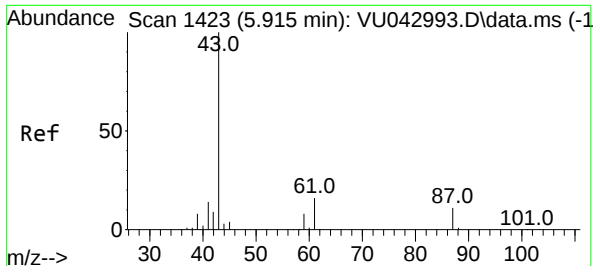
Tgt Ion: 62 Resp: 130088
Ion Ratio Lower Upper
62 100
98 7.0 0.0 14.4



Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM



#43

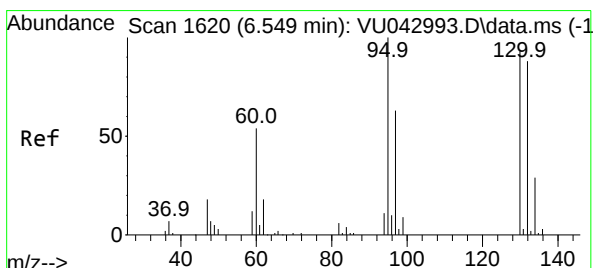
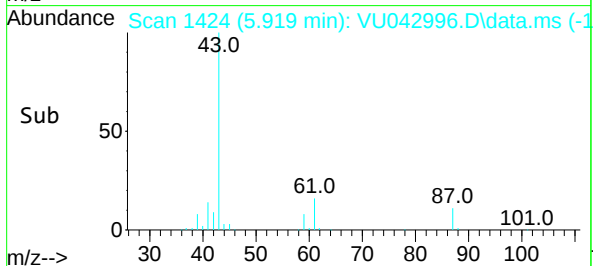
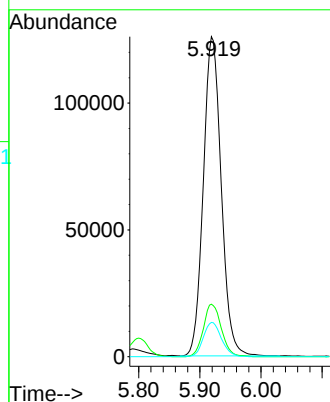
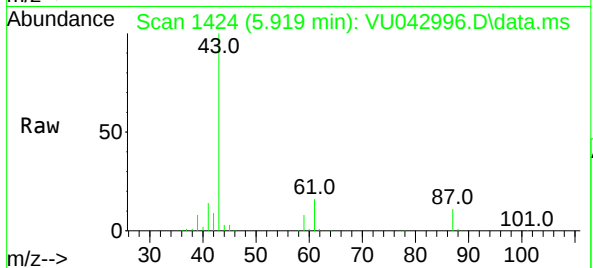
Isopropyl Acetate
 Concen: 52.64 ug/l
 RT: 5.919 min Scan# 1424
 Delta R.T. 0.003 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54

Tgt Ion: 43 Resp: 256187
 Ion Ratio Lower Upper
 43 100
 61 16.5 13.4 20.2
 87 10.8 8.6 12.8

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU040921

Manual Integrations
 APPROVED

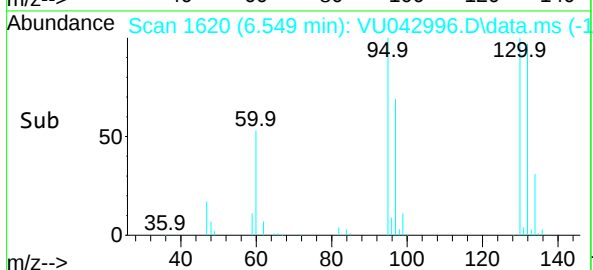
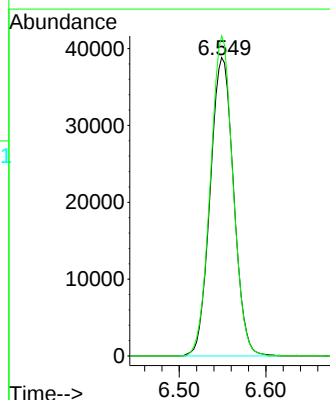
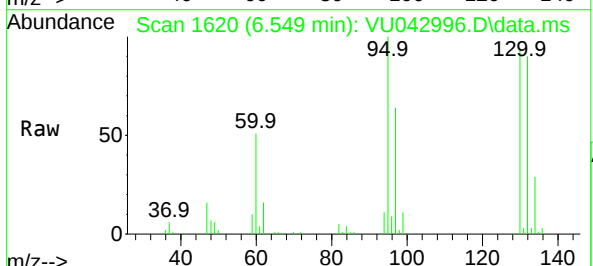
MMDadoda
 4/9/2021 1:47:34 PM

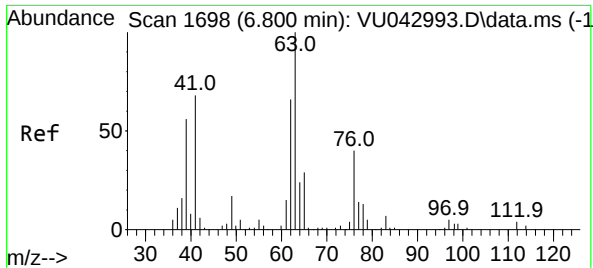


#44

Trichloroethene
 Concen: 49.66 ug/l
 RT: 6.549 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54

Tgt Ion:130 Resp: 73028
 Ion Ratio Lower Upper
 130 100
 95 107.3 0.0 215.4





#45

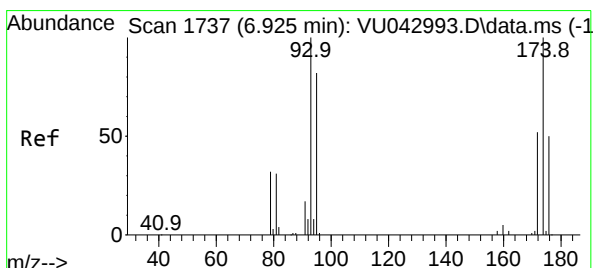
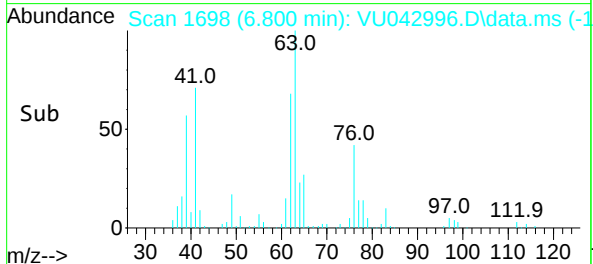
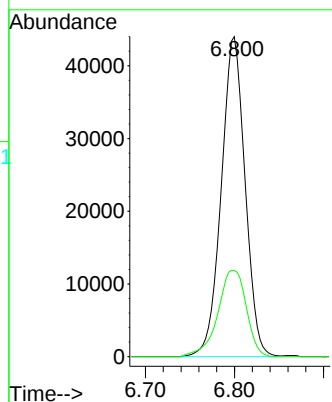
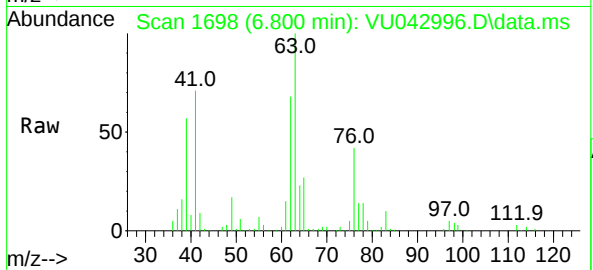
1,2-Dichloropropane
Concen: 51.27 ug/l
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 63 Resp: 81697
Ion Ratio Lower Upper
63 100
65 26.9 23.5 35.3

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

Manual Integrations
APPROVED

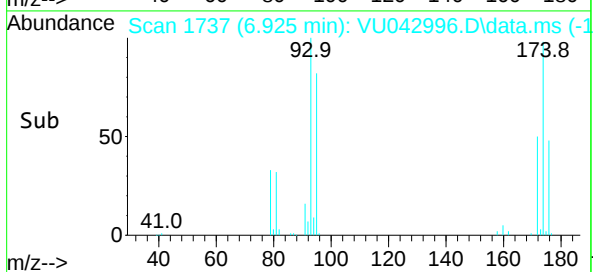
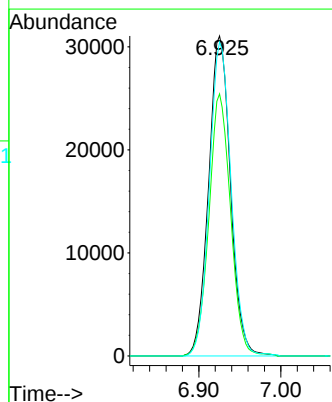
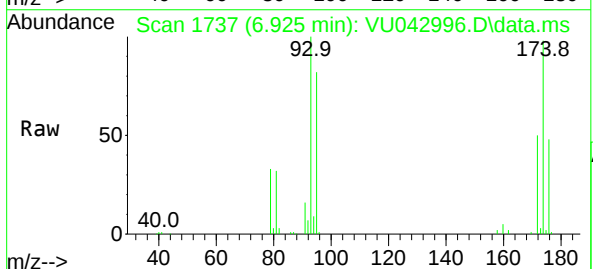
MMDadoda
4/9/2021 1:47:34 PM

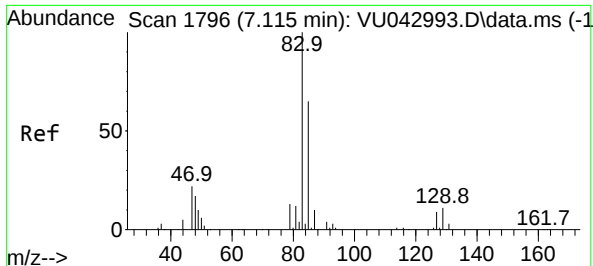


#46

Dibromomethane
Concen: 52.12 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 93 Resp: 57591
Ion Ratio Lower Upper
93 100
95 80.8 65.4 98.0
174 97.3 79.8 119.8





#47

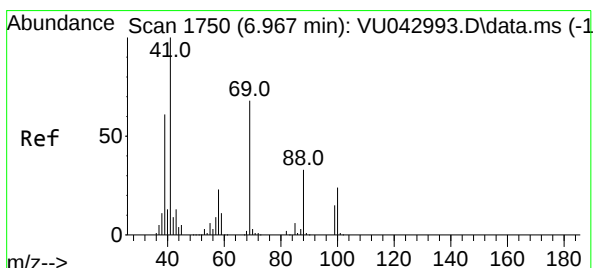
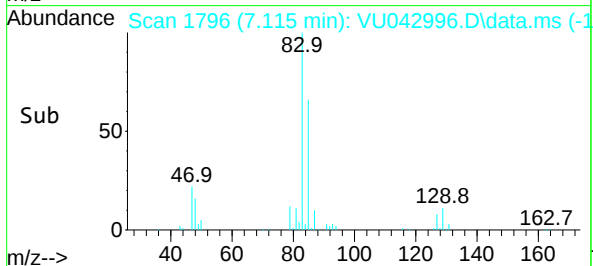
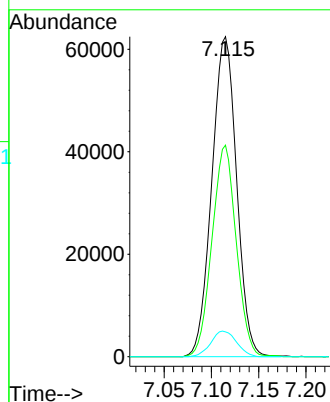
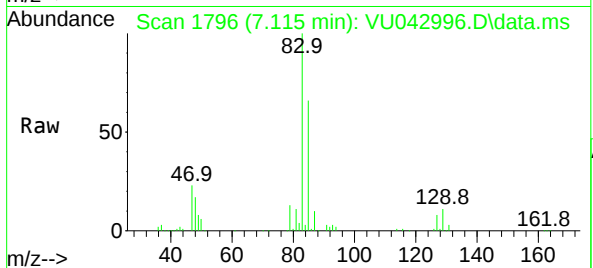
Bromodichloromethane
Concen: 51.49 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:	83	Resp:	113901
Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.2	78.2
127	7.7	7.0	10.6

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

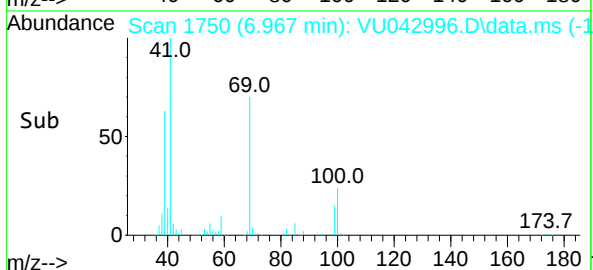
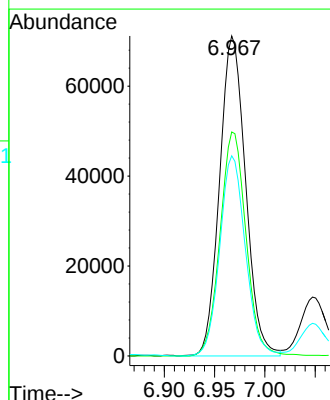
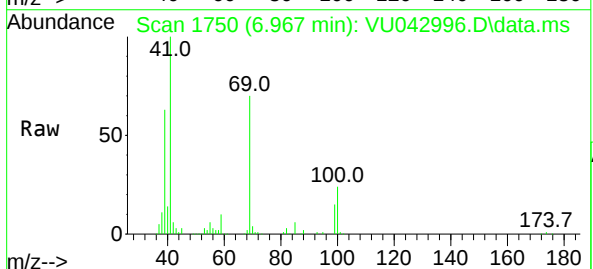
MMDadoda
4/9/2021 1:47:34 PM

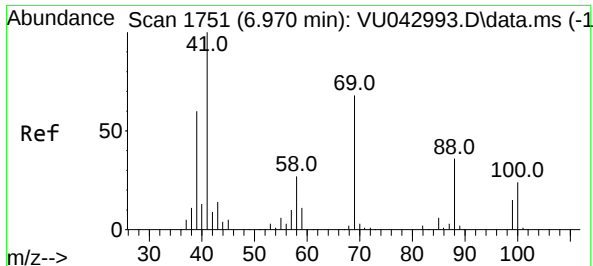


#48

Methyl methacrylate
Concen: 51.63 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:	41	Resp:	128001
Ion	Ratio	Lower	Upper
41	100		
69	70.0	55.1	82.7
39	61.7	50.0	75.0





#49

1,4-Dioxane

Concen: 955.72 ug/l

RT: 7.002 min Scan# 1761

Delta R.T. 0.032 min

Lab File: VU042996.D

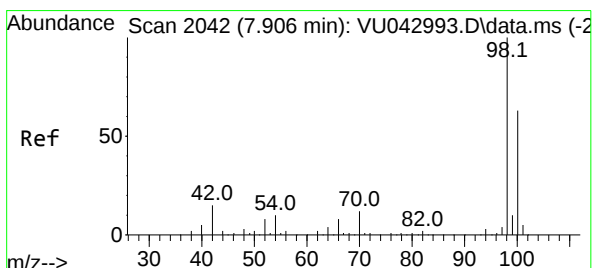
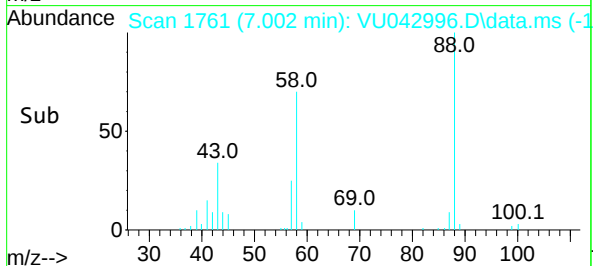
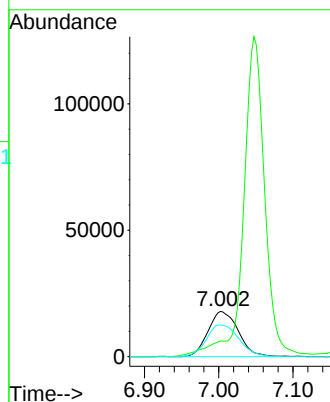
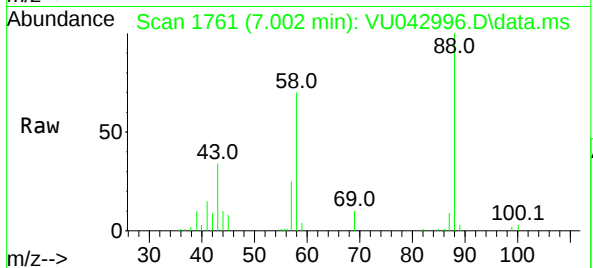
Acq: 08 Apr 2021 19:54

Tgt Ion:	88	Resp:	50765
Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.8	46.2#
58	76.1	57.8	86.6

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM



#50

Toluene-d8

Concen: 48.63 ug/l

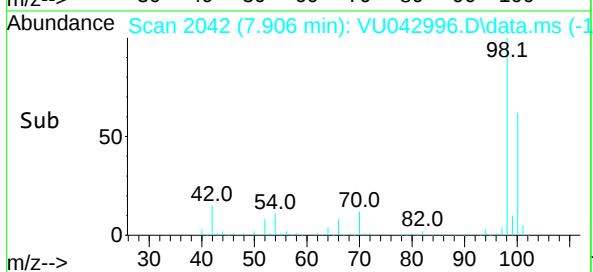
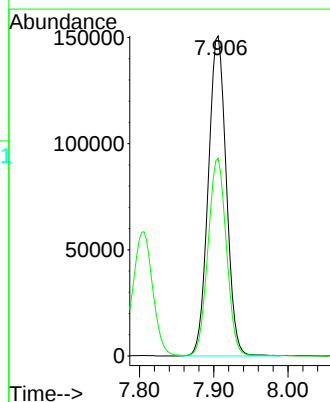
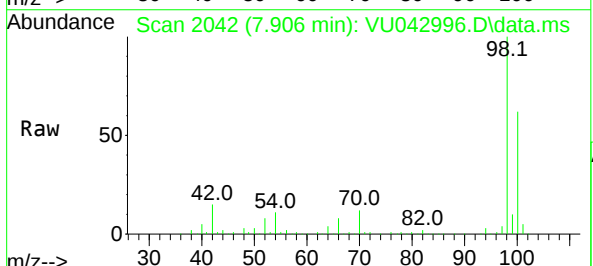
RT: 7.906 min Scan# 2042

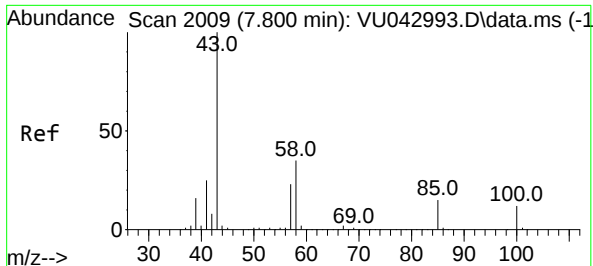
Delta R.T. 0.000 min

Lab File: VU042996.D

Acq: 08 Apr 2021 19:54

Tgt Ion:	98	Resp:	253616
Ion	Ratio	Lower	Upper
98	100		
100	62.7	49.9	74.9





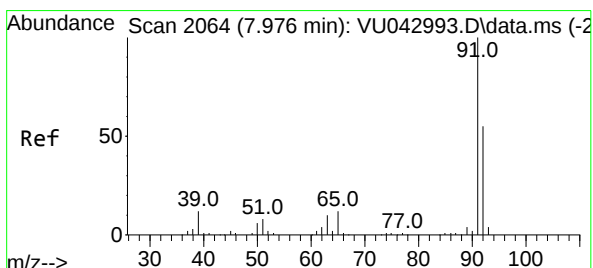
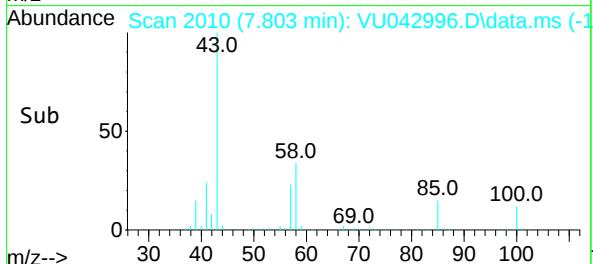
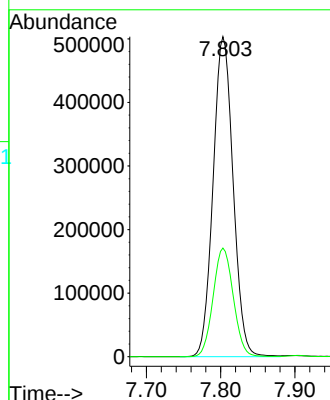
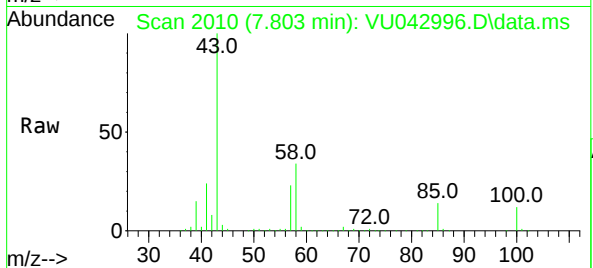
#51
4-Methyl-2-Pentanone
Concen: 254.80 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 43 Resp: 943697
Ion Ratio Lower Upper
43 100
58 34.2 27.7 41.5

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

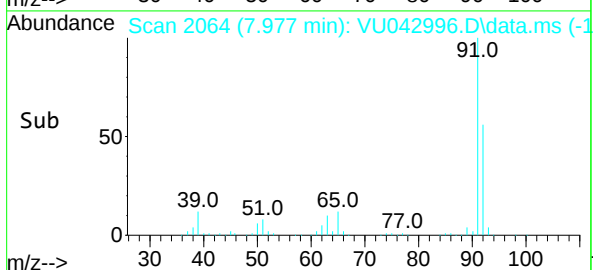
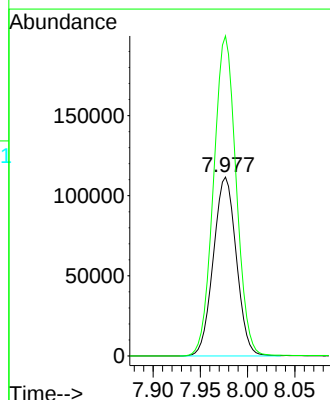
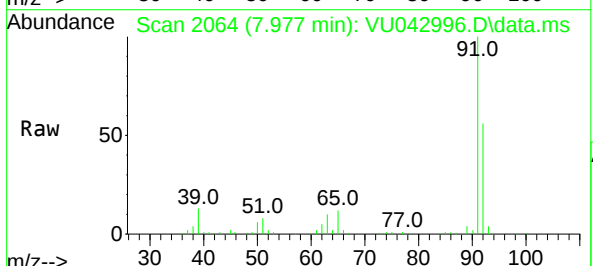
Manual Integrations
APPROVED

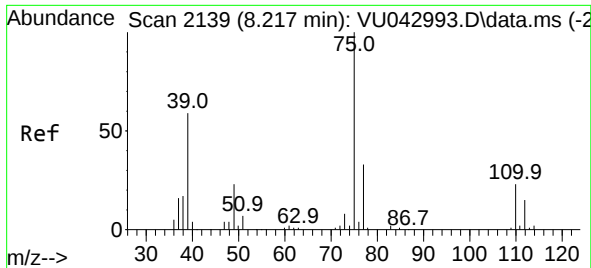
MMDadoda
4/9/2021 1:47:34 PM



#52
Toluene
Concen: 52.76 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 92 Resp: 188595
Ion Ratio Lower Upper
92 100
91 176.4 141.1 211.7





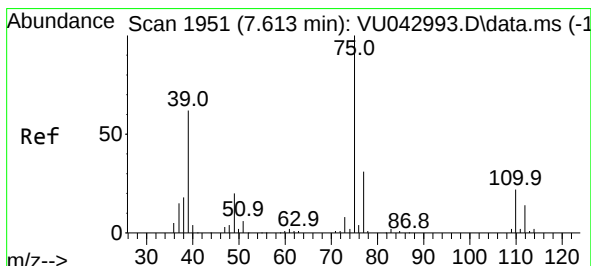
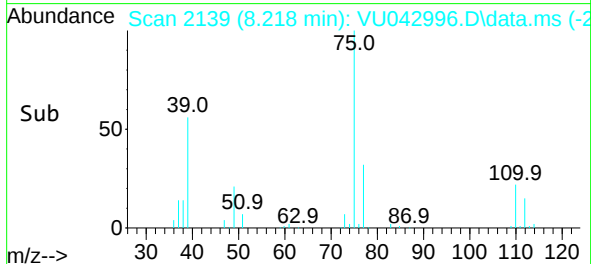
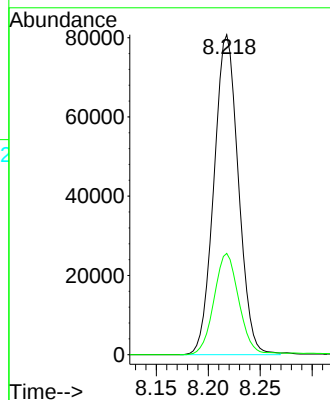
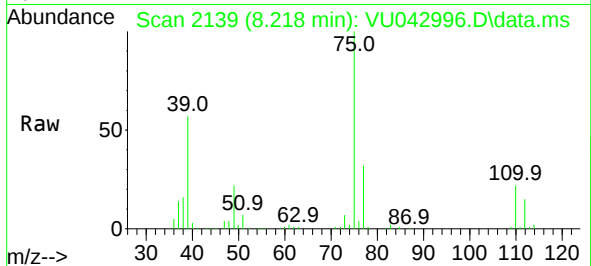
#53
 t-1,3-Dichloropropene
 Concen: 47.90 ug/l
 RT: 8.218 min Scan# 2139
 Delta R.T. 0.001 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54

Tgt Ion: 75 Resp: 132115
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.5 39.7

Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU040921

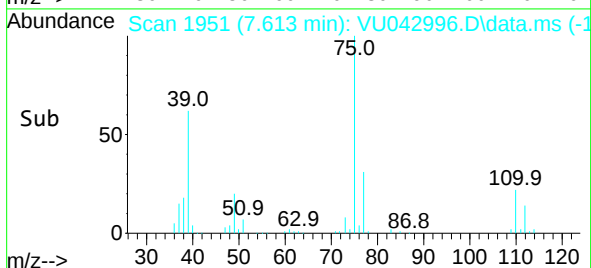
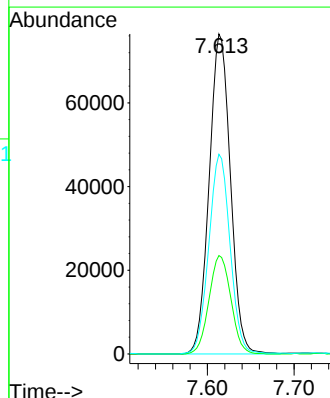
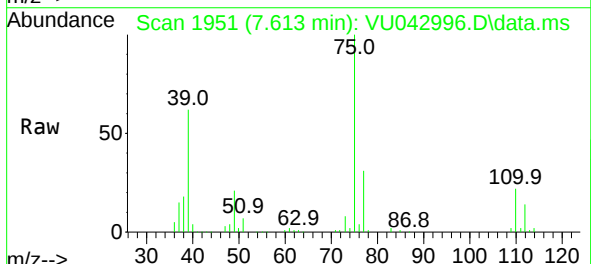
Manual Integrations
 APPROVED

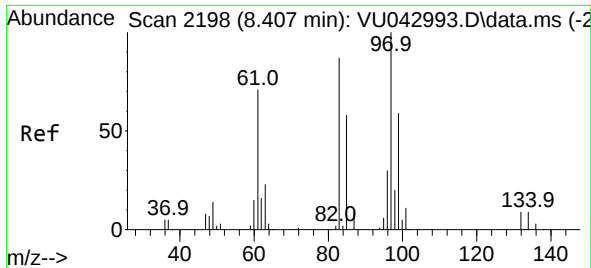
MMDadoda
 4/9/2021 1:47:34 PM



#54
 cis-1,3-Dichloropropene
 Concen: 47.27 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54

Tgt Ion: 75 Resp: 130296
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8
 39 62.4 49.4 74.0





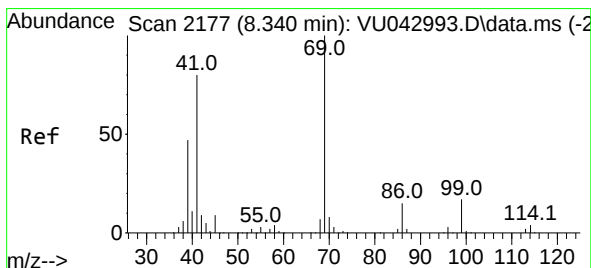
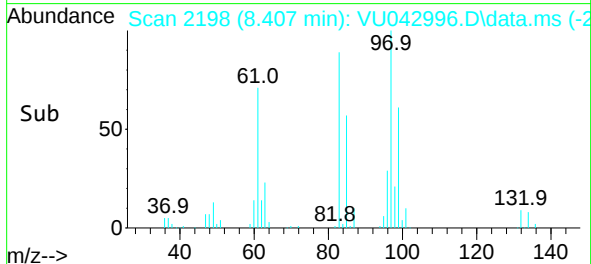
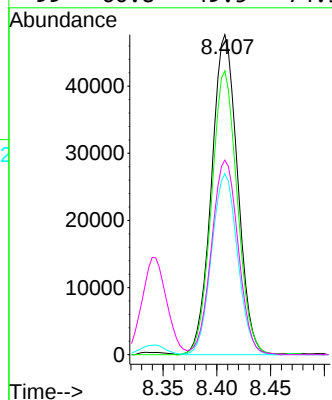
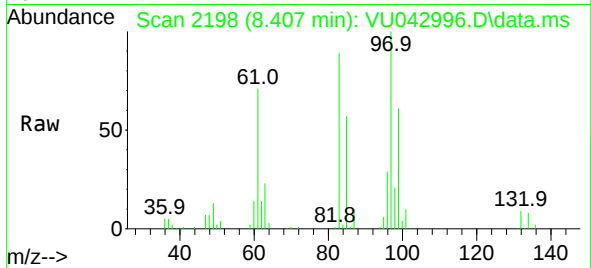
#55
1,1,2-Trichloroethane
Concen: 52.68 ug/l
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.8	104.8
85	56.6	47.0	70.6
99	60.8	49.5	74.3

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

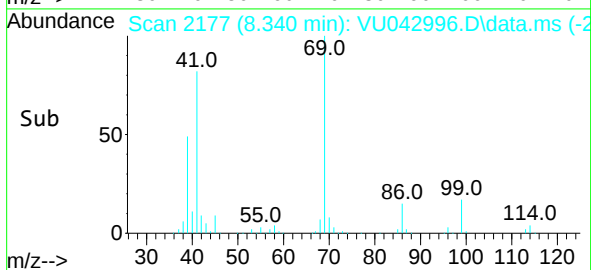
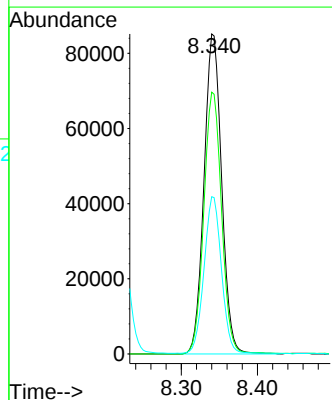
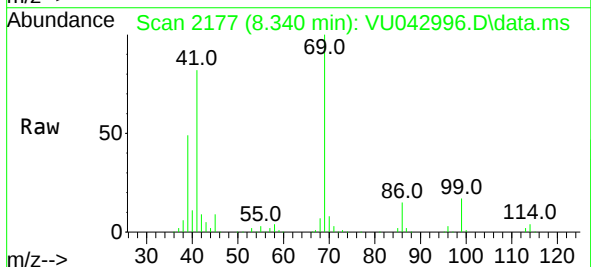
Manual Integrations
APPROVED

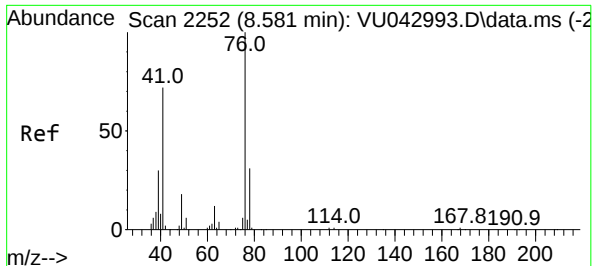
MMDadoda
4/9/2021 1:47:34 PM



#56
Ethyl methacrylate
Concen: 46.00 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. -0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

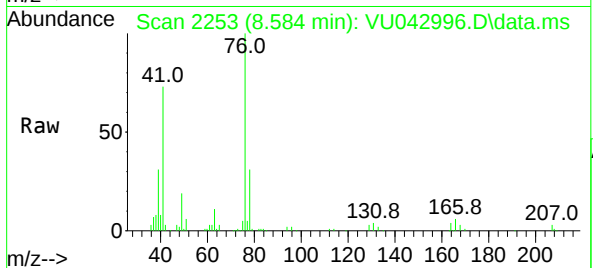
Tgt Ion	Ratio	Lower	Upper
69	100		
41	82.3	65.6	98.4
39	48.5	39.0	58.6



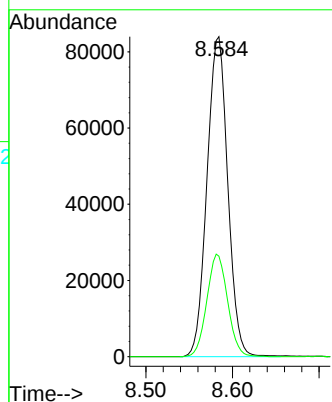
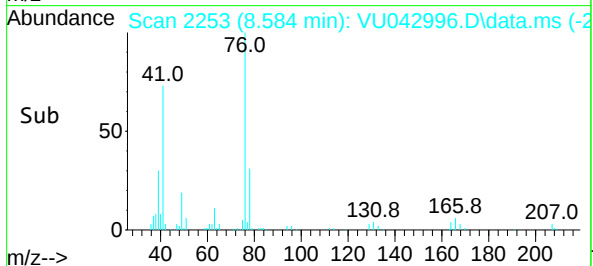


#57

1,3-Dichloropropane
Concen: 52.81 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



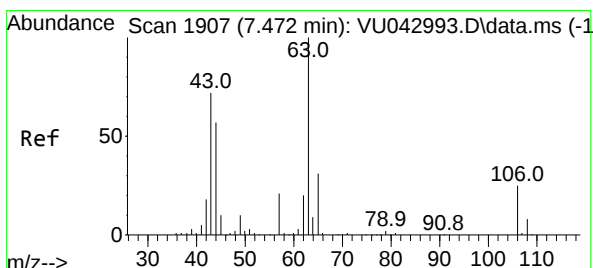
Tgt Ion: 76 Resp: 139857
Ion Ratio Lower Upper
76 100
78 32.0 25.4 38.2



Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

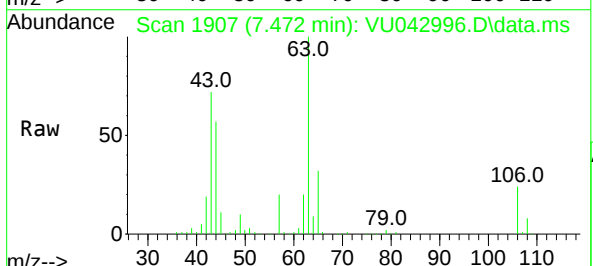
Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM

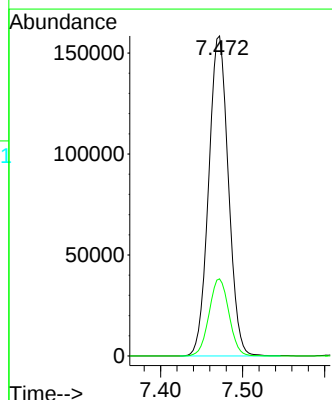
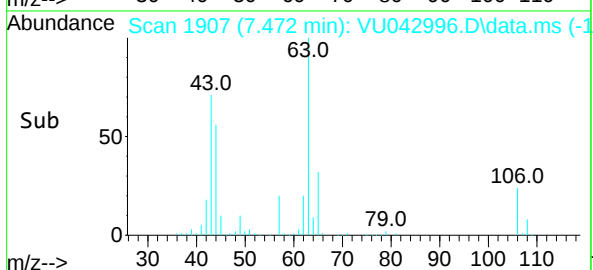


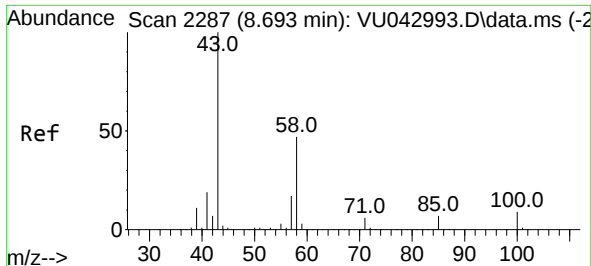
#58

2-Chloroethyl Vinyl ether
Concen: 221.65 ug/l
RT: 7.472 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



Tgt Ion: 63 Resp: 264240
Ion Ratio Lower Upper
63 100
106 24.3 20.3 30.5





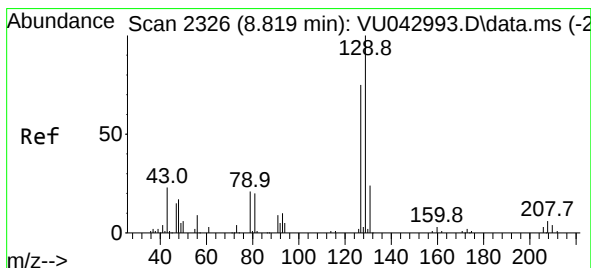
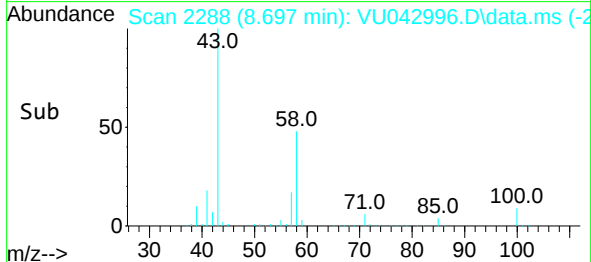
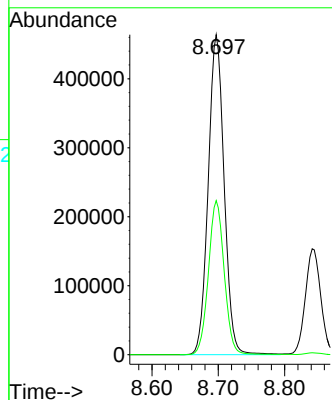
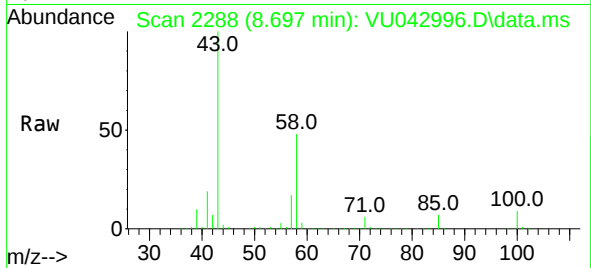
#59
2-Hexanone
Concen: 224.35 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.004 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 43 Resp: 774587
Ion Ratio Lower Upper
43 100
58 47.7 23.7 71.1

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

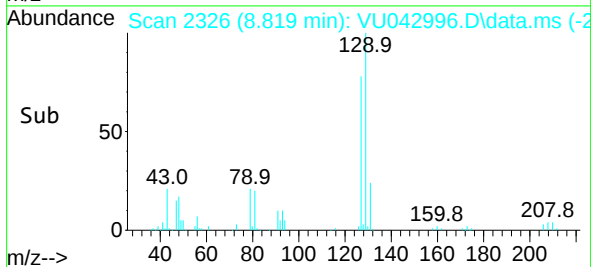
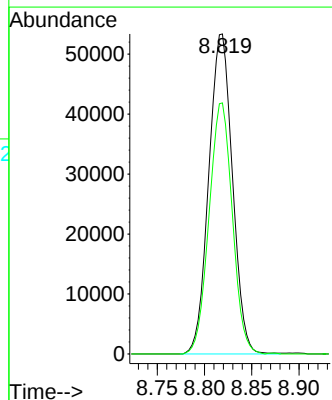
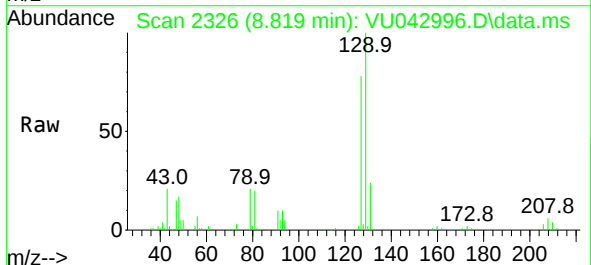
Manual Integrations
APPROVED

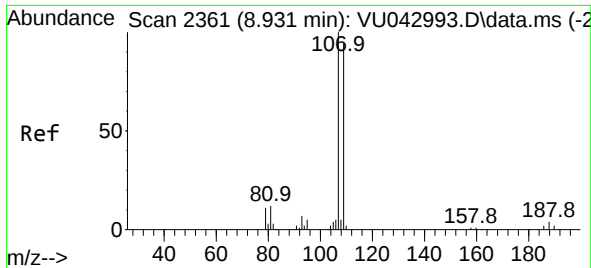
MMDadoda
4/9/2021 1:47:34 PM



#60
Dibromochloromethane
Concen: 46.59 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

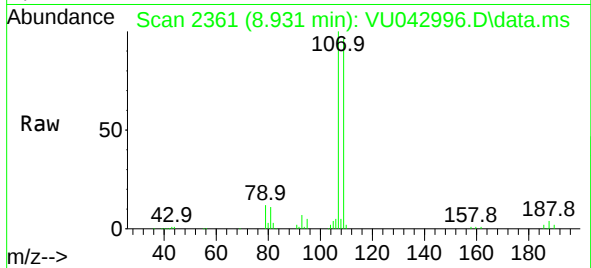
Tgt Ion: 129 Resp: 92845
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 52.42 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

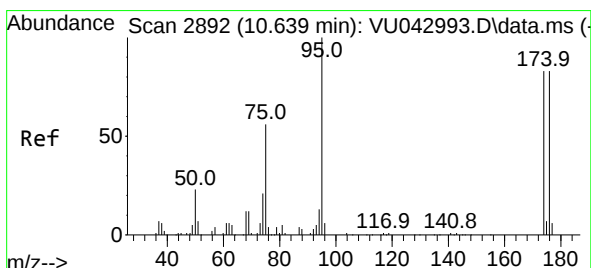
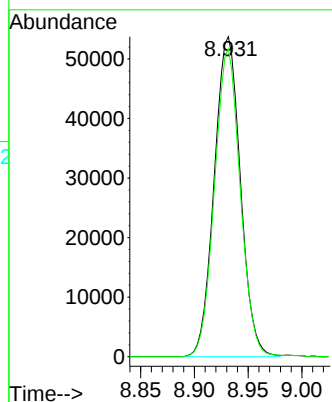
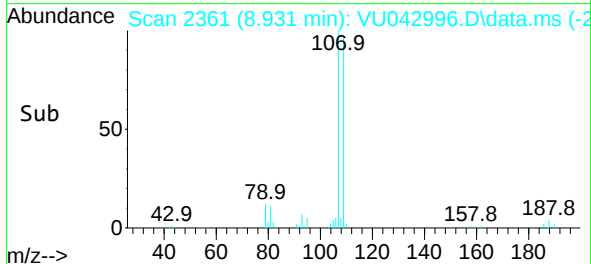
Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921



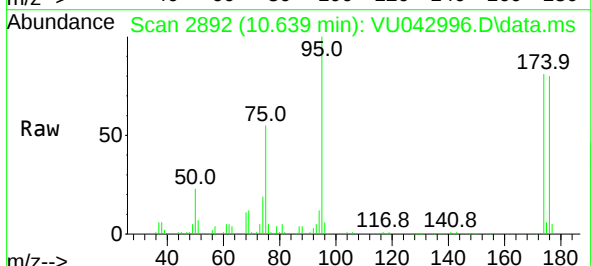
Tgt Ion:107 Resp: 91089
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations
APPROVED

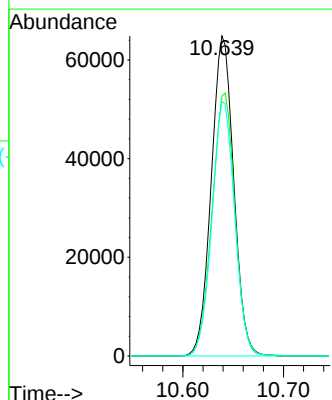
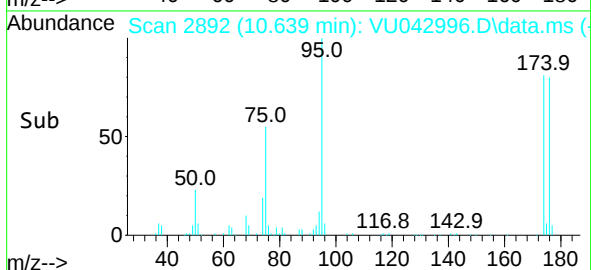
MMDadoda
4/9/2021 1:47:34 PM

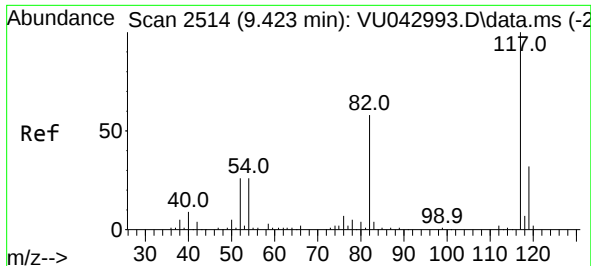


#62
4-Bromofluorobenzene
Concen: 47.18 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

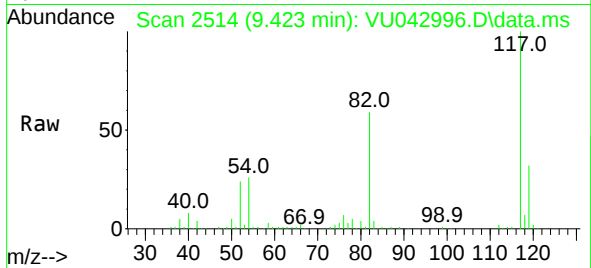


Tgt Ion: 95 Resp: 100507
Ion Ratio Lower Upper
95 100
174 83.9 0.0 168.8
176 80.7 0.0 164.6

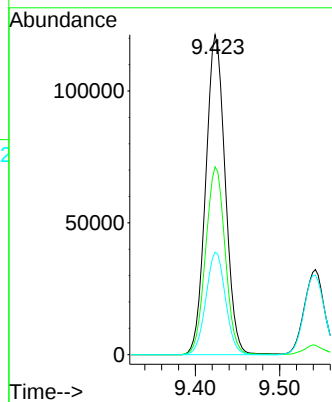
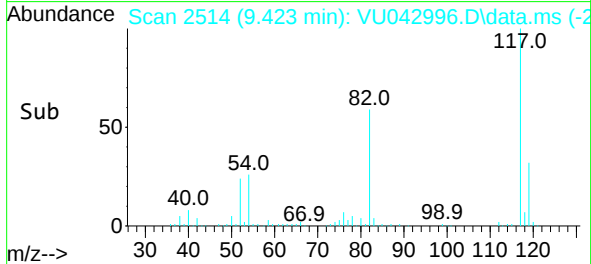




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



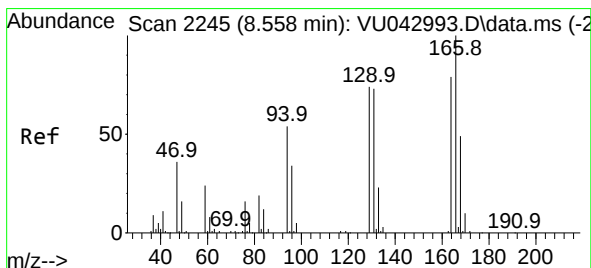
Tgt Ion:117 Resp: 195384
Ion Ratio Lower Upper
117 100
82 58.7 46.5 69.7
119 32.1 25.7 38.5



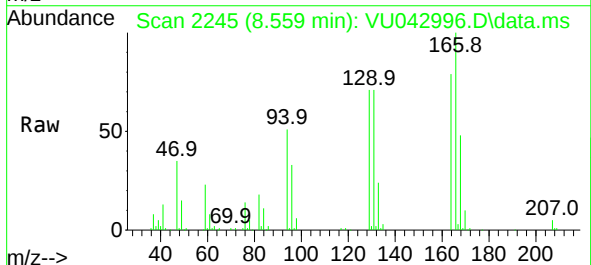
Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

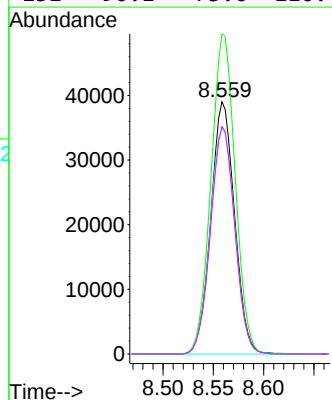
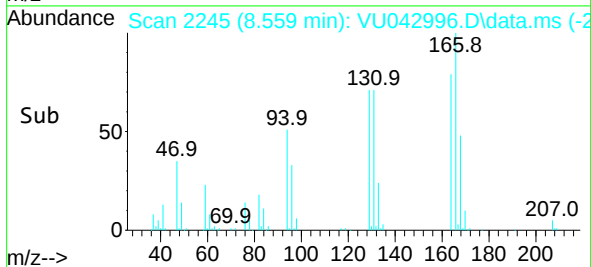
MMDadoda
4/9/2021 1:47:34 PM

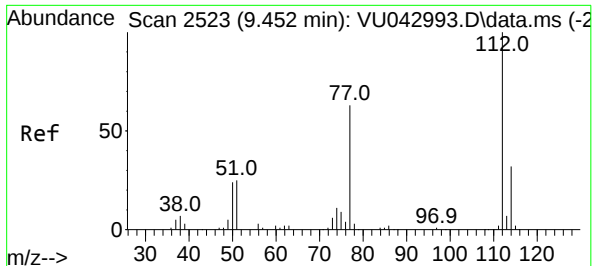


#64
Tetrachloroethene
Concen: 50.34 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



Tgt Ion:164 Resp: 64115
Ion Ratio Lower Upper
164 100
166 126.9 101.2 151.8
129 89.6 74.5 111.7
131 90.1 73.6 110.4





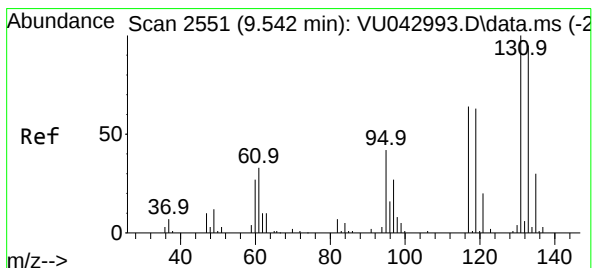
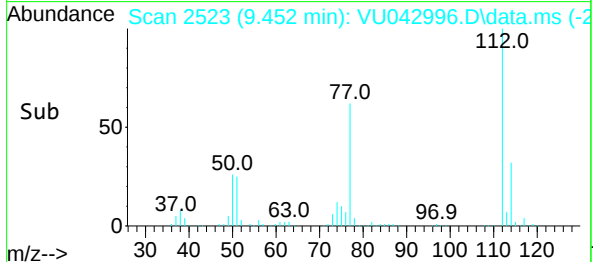
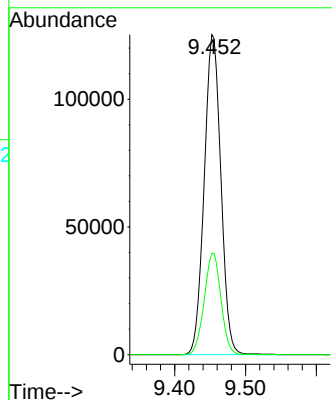
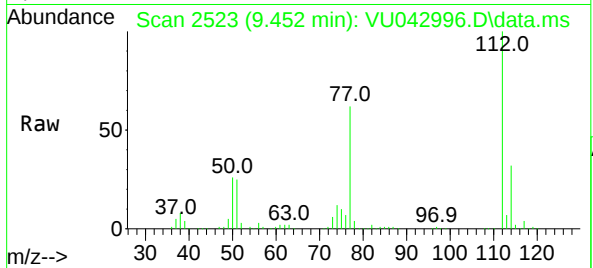
#65
Chlorobenzene
Concen: 50.99 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:112 Resp: 204648
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

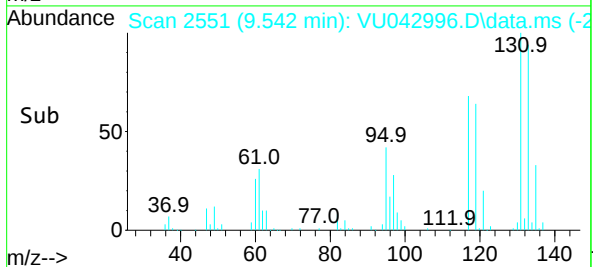
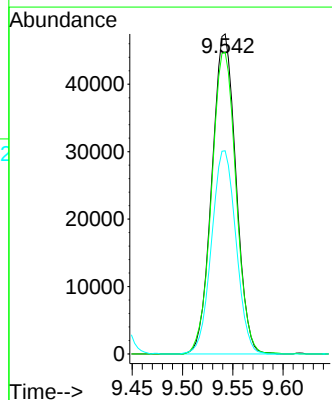
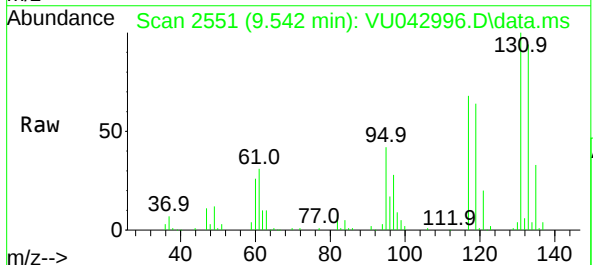
Manual Integrations
APPROVED

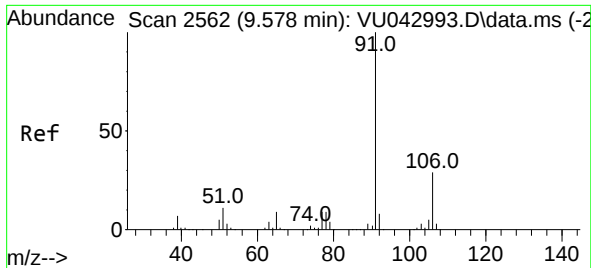
MMDadoda
4/9/2021 1:47:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.87 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:131 Resp: 78622
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 64.8 31.1 93.2





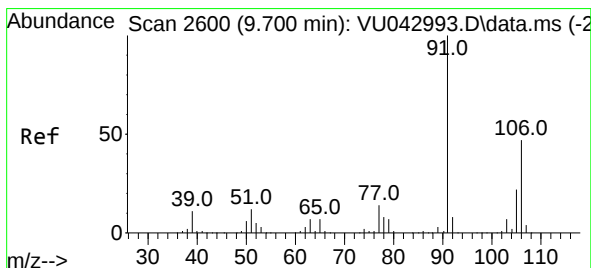
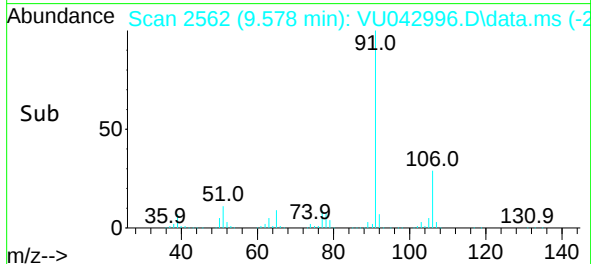
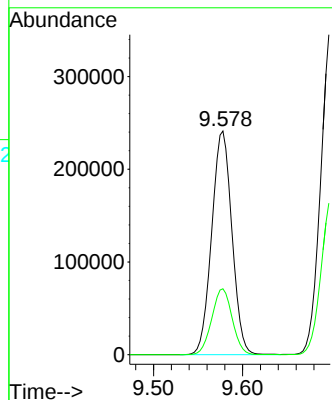
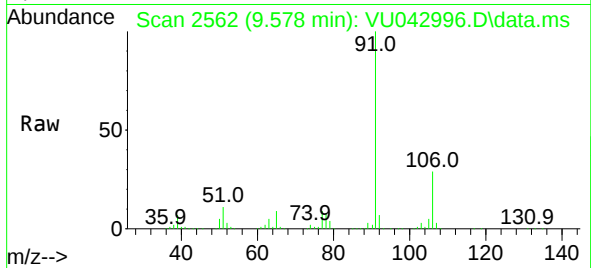
#67
Ethyl Benzene
Concen: 52.79 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 91 Resp: 380405
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

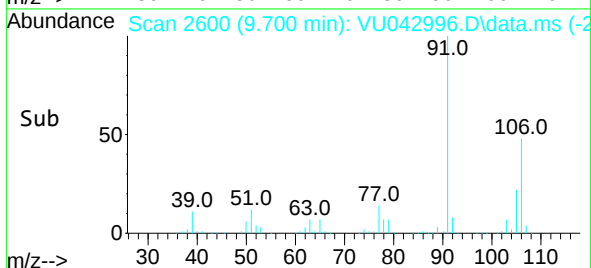
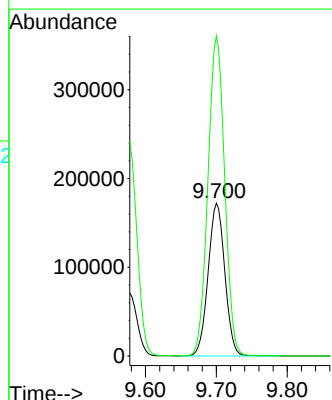
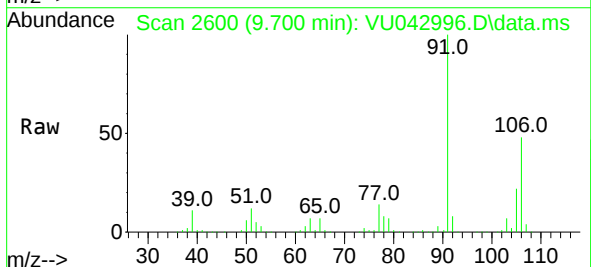
Manual Integrations
APPROVED

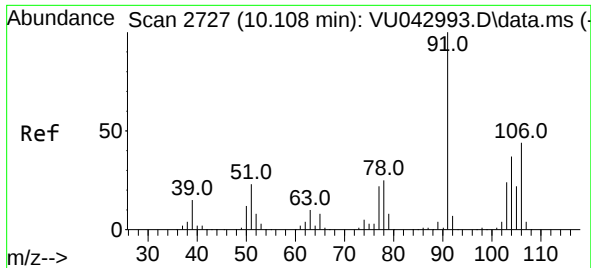
MMDadoda
4/9/2021 1:47:34 PM



#68
m/p-Xylenes
Concen: 106.50 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 106 Resp: 280734
Ion Ratio Lower Upper
106 100
91 211.0 170.2 255.2





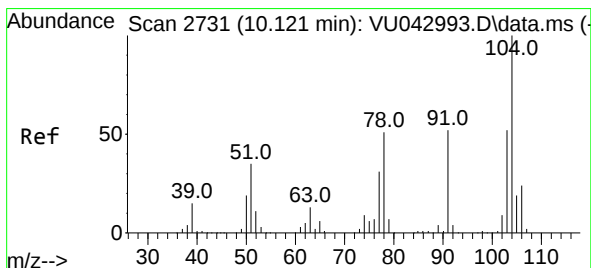
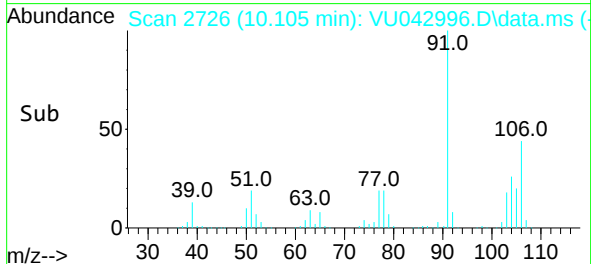
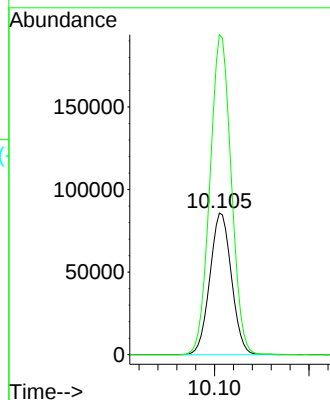
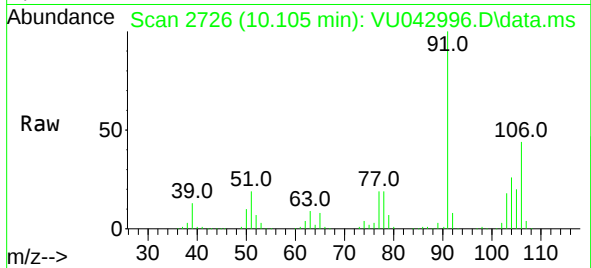
#69
o-Xylene
Concen: 53.13 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:106 Resp: 135769
Ion Ratio Lower Upper
106 100
91 223.8 113.8 341.2

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

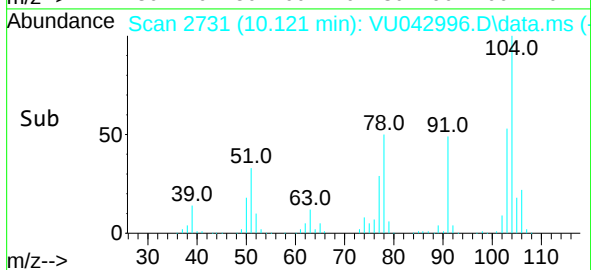
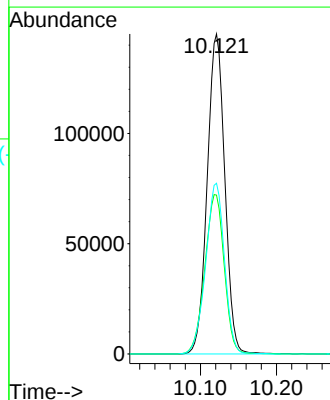
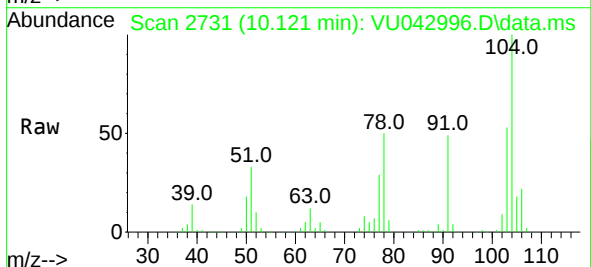
Manual Integrations
APPROVED

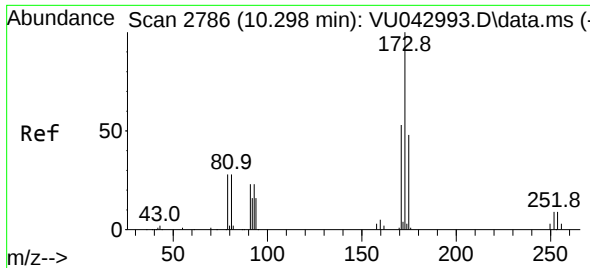
MMDadoda
4/9/2021 1:47:34 PM



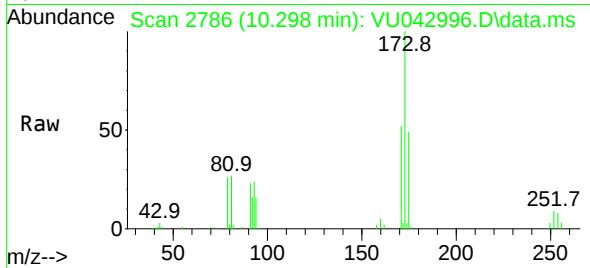
#70
Styrene
Concen: 46.79 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:104 Resp: 233024
Ion Ratio Lower Upper
104 100
78 54.9 44.6 66.8
103 57.1 45.5 68.3

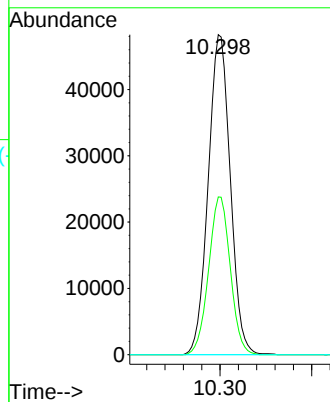
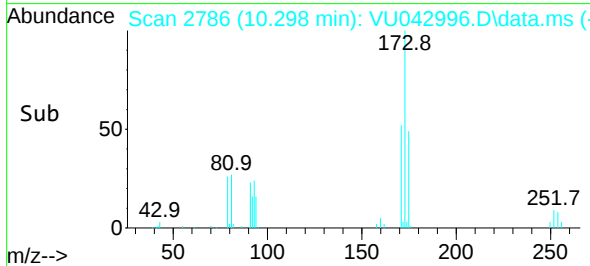




#71
Bromoform
Concen: 45.29 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



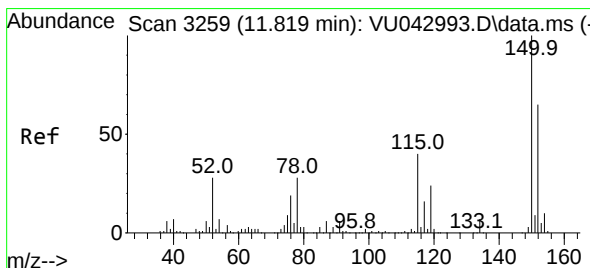
Tgt Ion:173 Resp: 80592
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.0 0.0 0.0



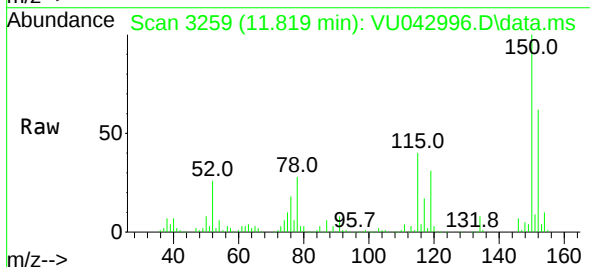
Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

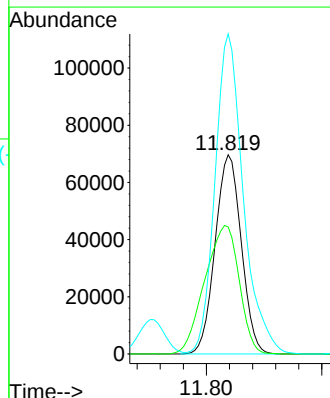
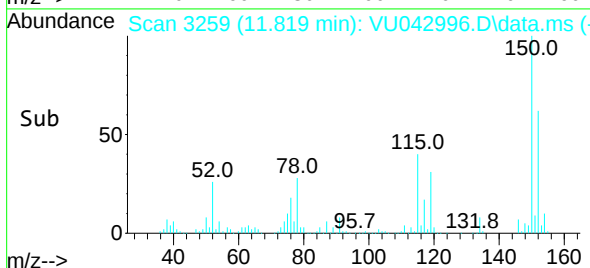
MMDadoda
4/9/2021 1:47:34 PM

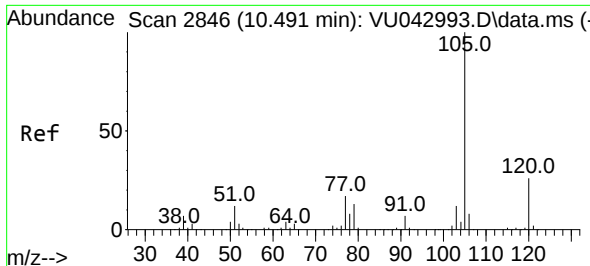


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



Tgt Ion:152 Resp: 109475
Ion Ratio Lower Upper
152 100
115 84.6 42.8 128.3
150 174.1 0.0 347.6





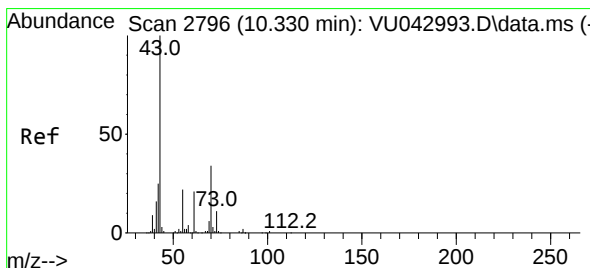
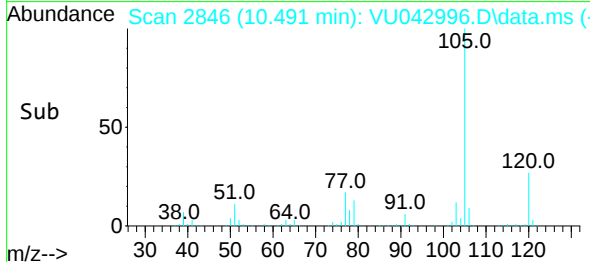
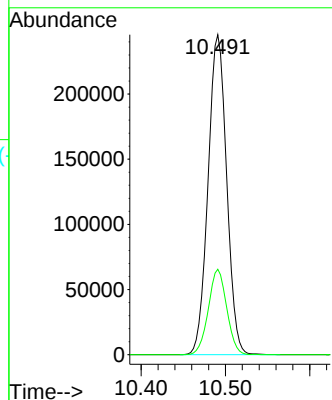
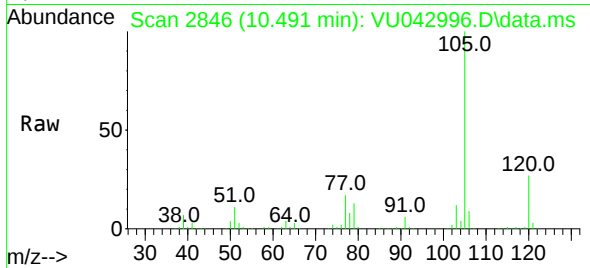
#73
Isopropylbenzene
Concen: 54.09 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 105 Resp: 376728
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

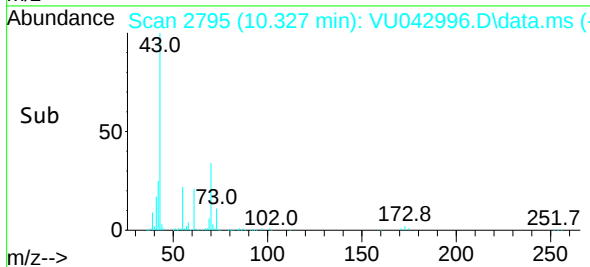
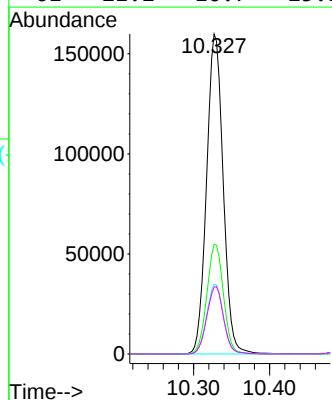
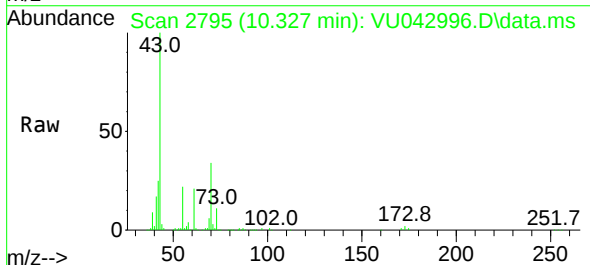
Manual Integrations
APPROVED

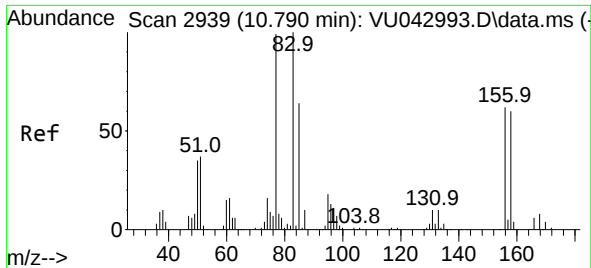
MMDadoda
4/9/2021 1:47:34 PM



#74
N-ethyl acetate
Concen: 56.54 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. -0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 43 Resp: 242233
Ion Ratio Lower Upper
43 100
70 34.2 27.4 41.0
55 22.0 17.8 26.6
61 21.2 16.7 25.1





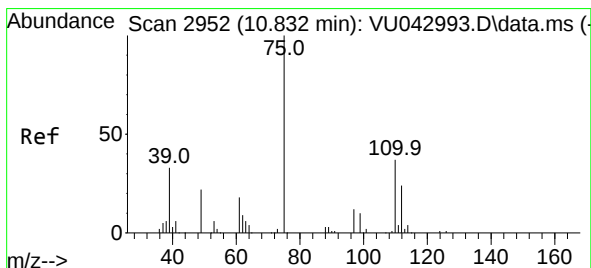
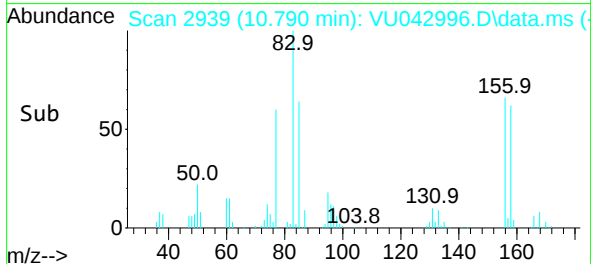
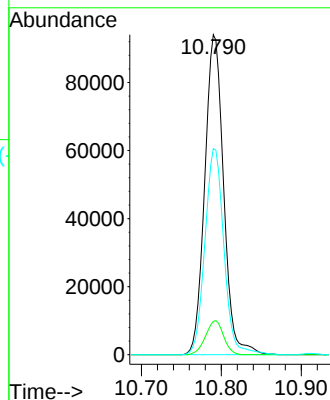
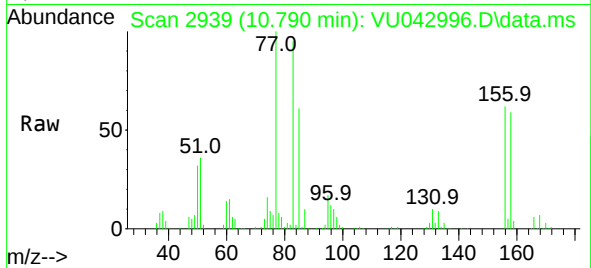
#75
1,1,2,2-Tetrachloroethane
Concen: 49.39 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 83 Resp: 154568
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 64.9 31.4 94.0

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

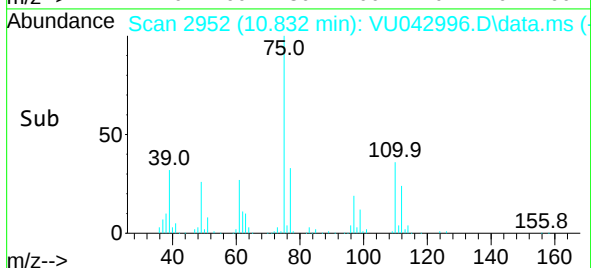
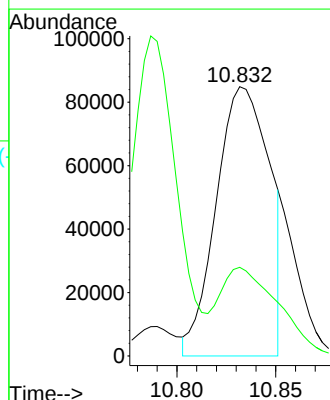
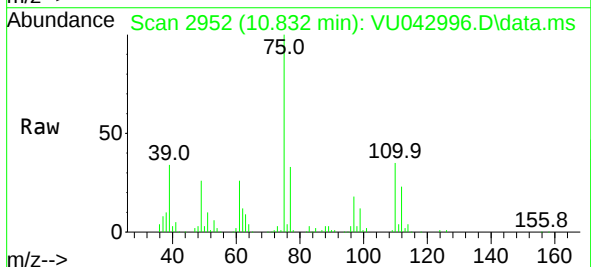
Manual Integrations
APPROVED

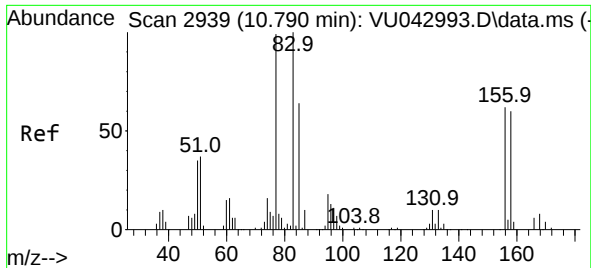
MMDadoda
4/9/2021 1:47:34 PM



#76
1,2,3-Trichloropropane
Concen: 50.83 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 75 Resp: 158729
Ion Ratio Lower Upper
75 100
77 36.4 18.2 54.6





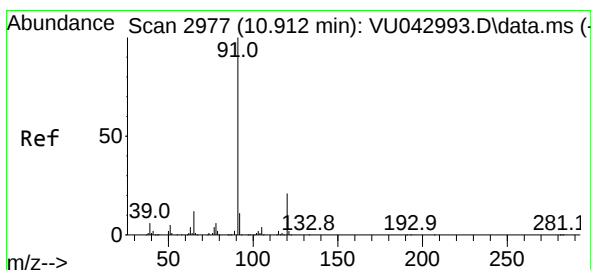
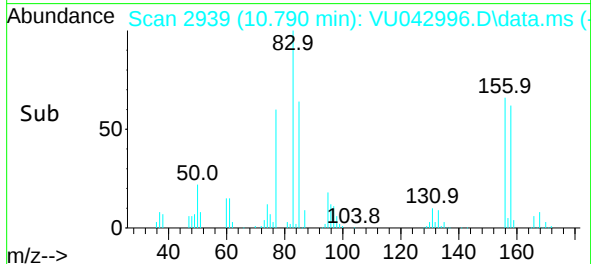
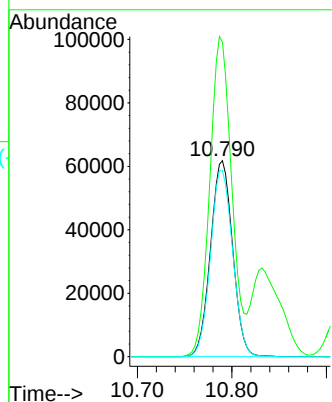
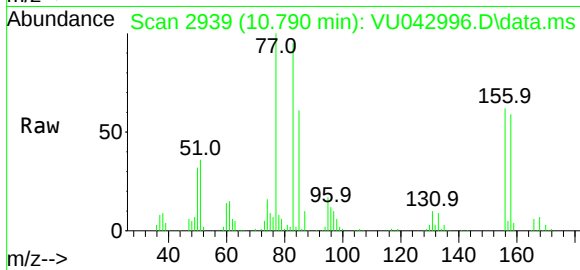
#77
Bromobenzene
Concen: 53.08 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:156 Resp: 100387
Ion Ratio Lower Upper
156 100
77 163.3 81.8 245.4
158 95.7 48.9 146.8

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

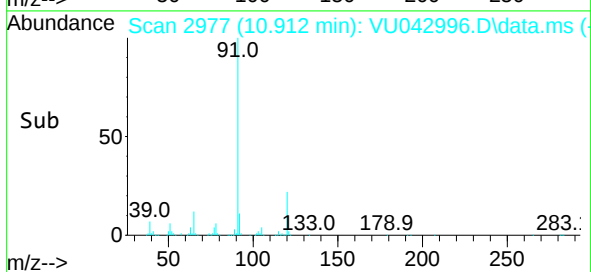
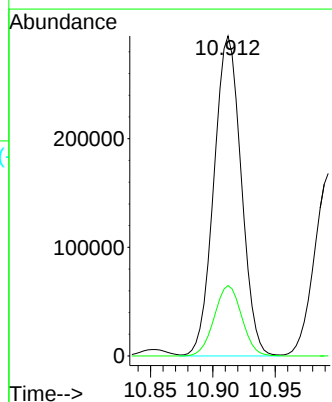
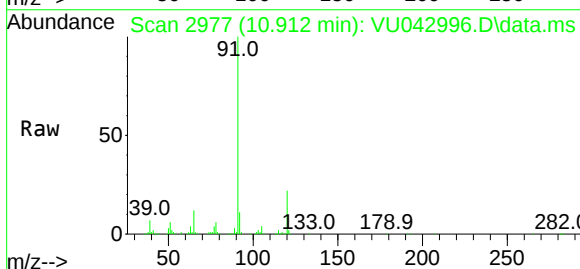
Manual Integrations
APPROVED

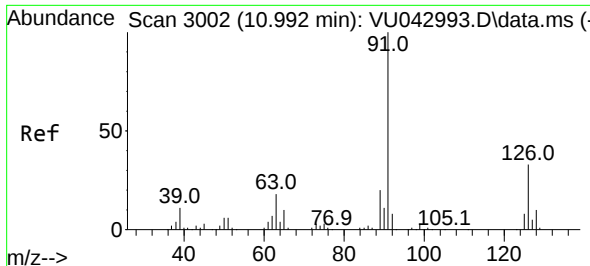
MMDadoda
4/9/2021 1:47:34 PM



#78
n-propylbenzene
Concen: 53.16 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 91 Resp: 449516
Ion Ratio Lower Upper
91 100
120 22.1 10.7 32.1





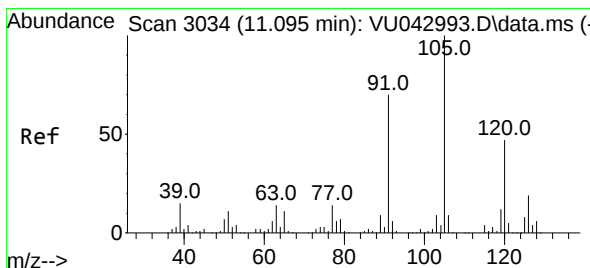
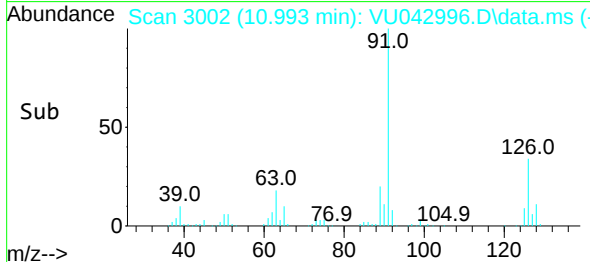
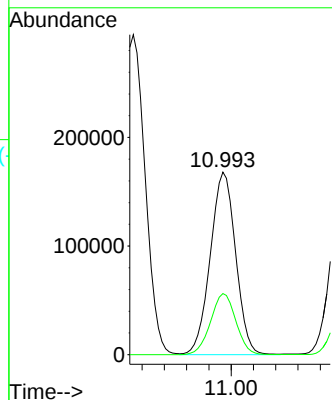
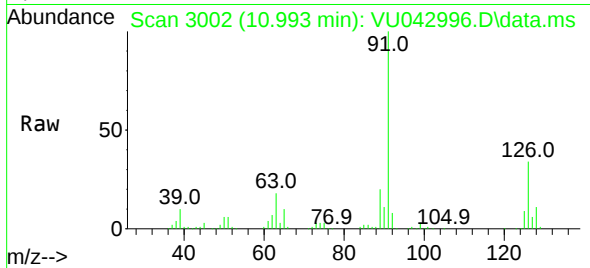
#79
2-Chlorotoluene
Concen: 51.99 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 91 Resp: 266017
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.2

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

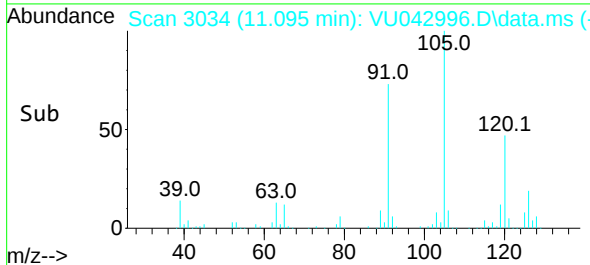
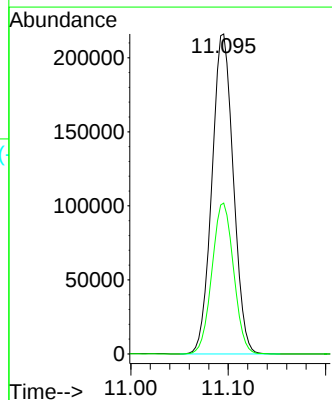
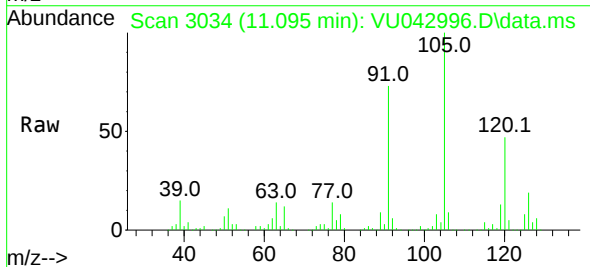
Manual Integrations
APPROVED

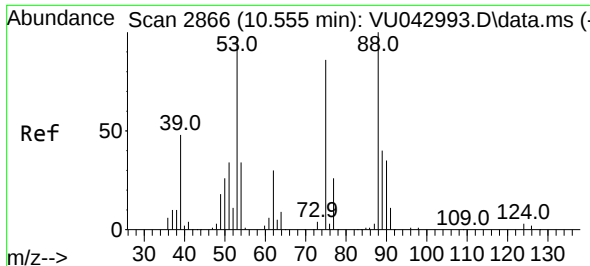
MMDadoda
4/9/2021 1:47:34 PM



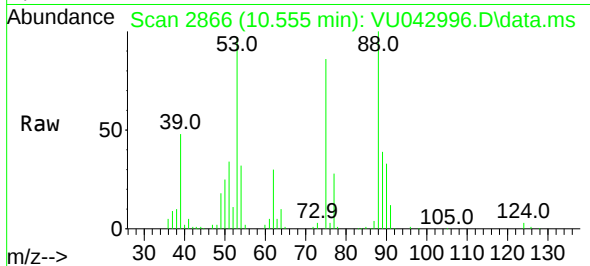
#80
1,3,5-Trimethylbenzene
Concen: 53.55 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 105 Resp: 329979
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.2

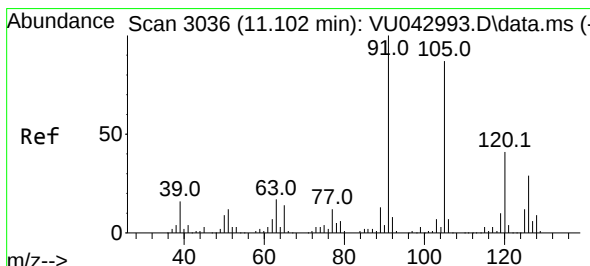
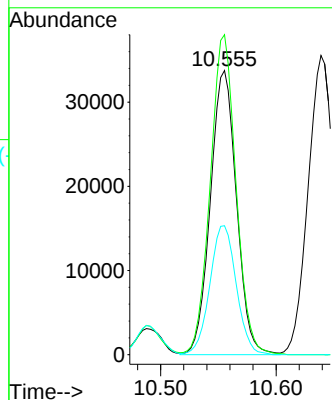
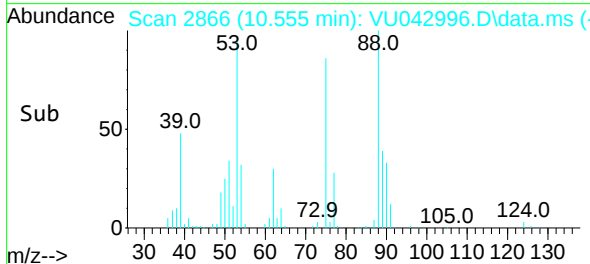




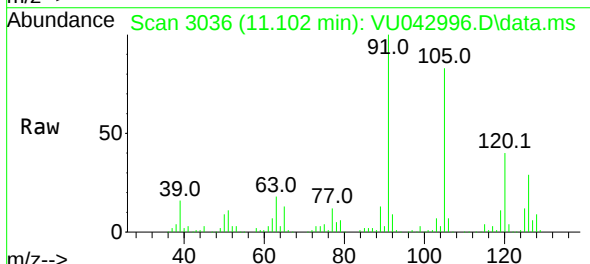
#81
trans-1,4-Dichloro-2-butene
Concen: 47.88 ug/l
RT: 10.555 min Scan# 2866
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



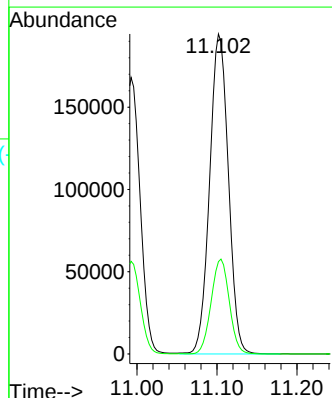
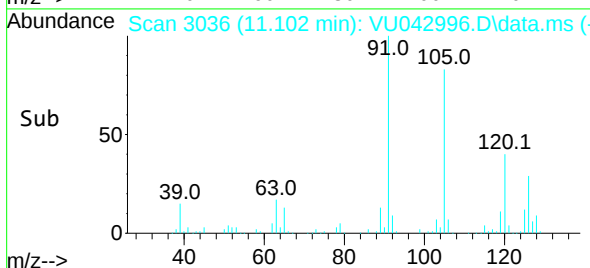
Tgt Ion	Ratio	Lower	Upper
75	100		
53	110.9	91.1	136.7
89	46.0	37.1	55.7



#82
4-Chlorotoluene
Concen: 52.04 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



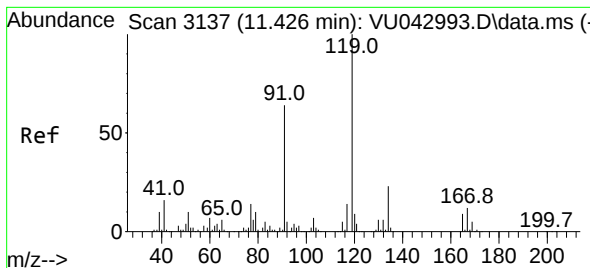
Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.8



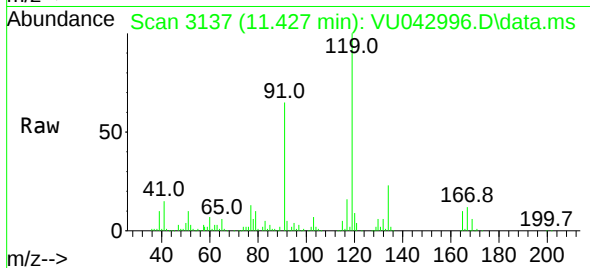
Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

Manual Integrations
APPROVED

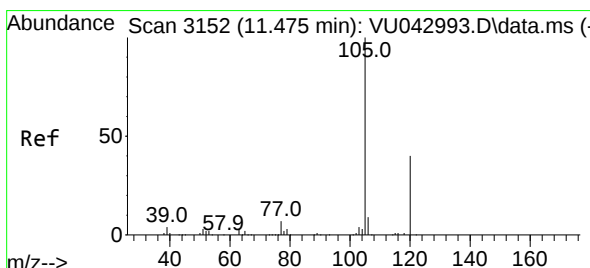
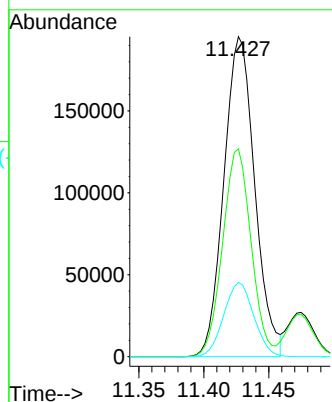
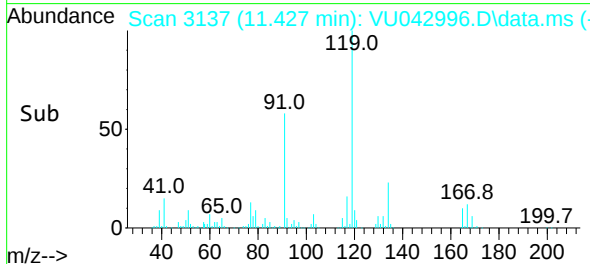
MMDadoda
4/9/2021 1:47:34 PM



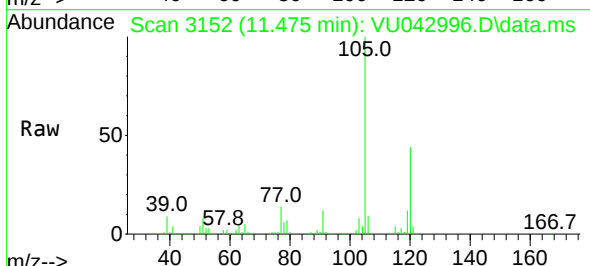
#83
tert-Butylbenzene
Concen: 52.43 ug/l
RT: 11.427 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



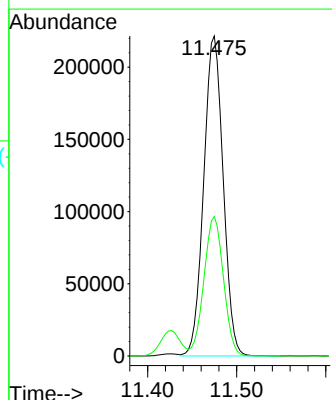
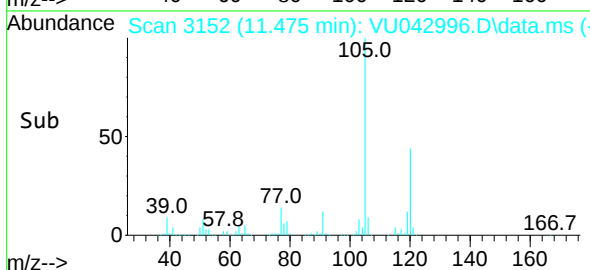
Tgt Ion:119 Resp: 322965
Ion Ratio Lower Upper
119 100
91 60.1 29.9 89.7
134 22.6 11.1 33.1



#84
1,2,4-Trimethylbenzene
Concen: 52.62 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



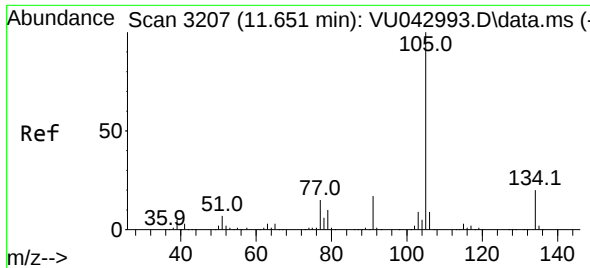
Tgt Ion:105 Resp: 335707
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8



Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM



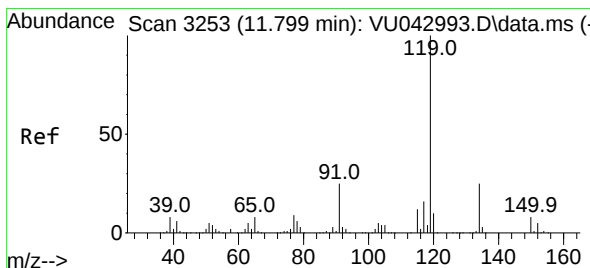
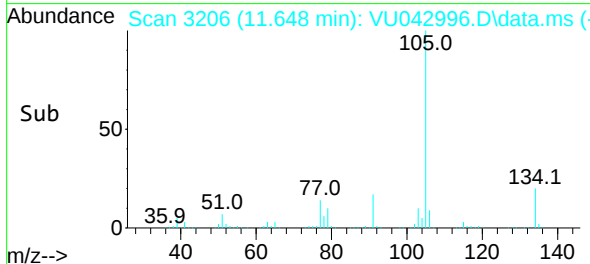
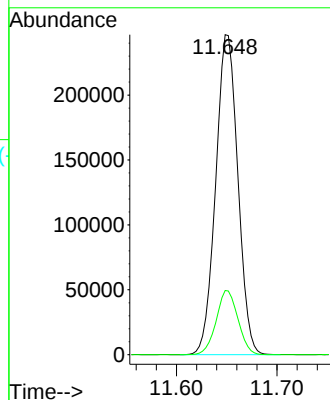
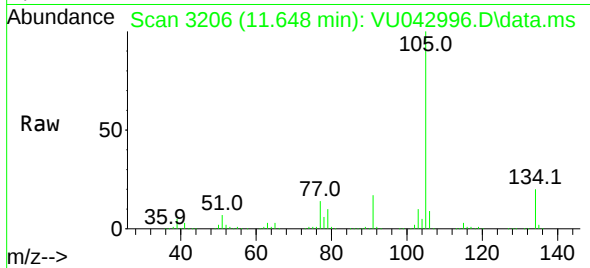
#85
 sec-Butylbenzene
 Concen: 52.47 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.003 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54

Tgt Ion:105 Resp: 377199
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU040921

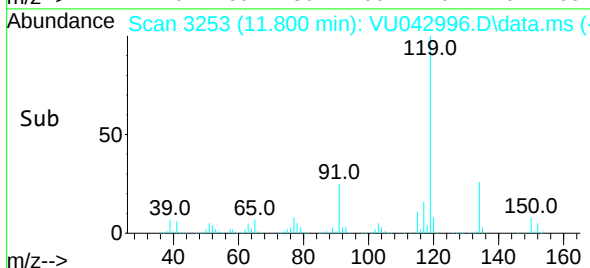
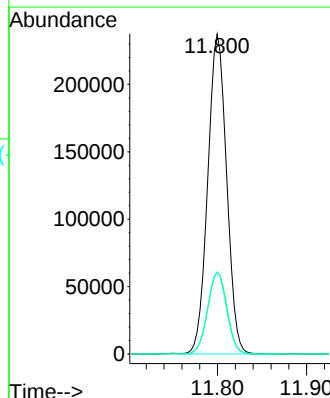
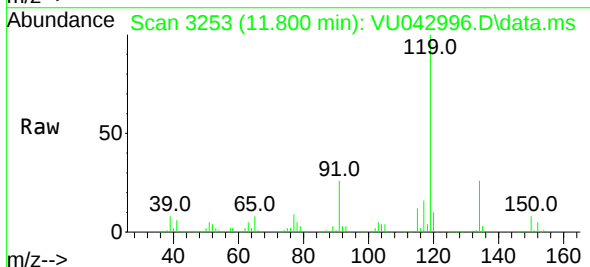
Manual Integrations
 APPROVED

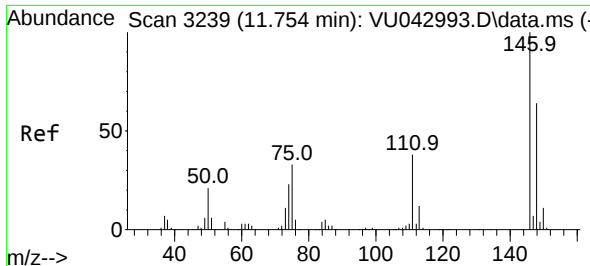
MMDadoda
 4/9/2021 1:47:34 PM



#86
 p-Isopropyltoluene
 Concen: 53.61 ug/l
 RT: 11.800 min Scan# 3253
 Delta R.T. 0.000 min
 Lab File: VU042996.D
 Acq: 08 Apr 2021 19:54

Tgt Ion:119 Resp: 348424
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 25.9 12.9 38.7





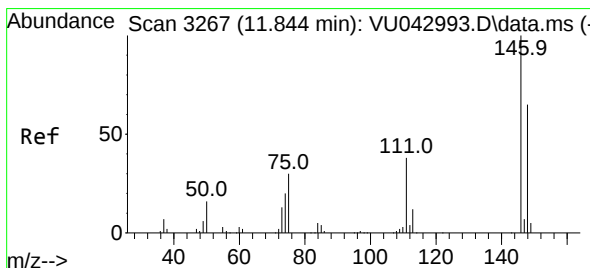
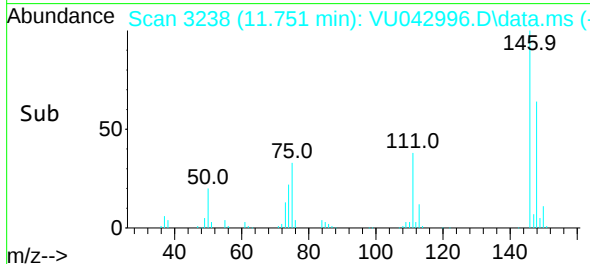
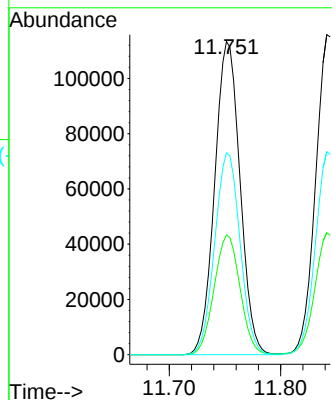
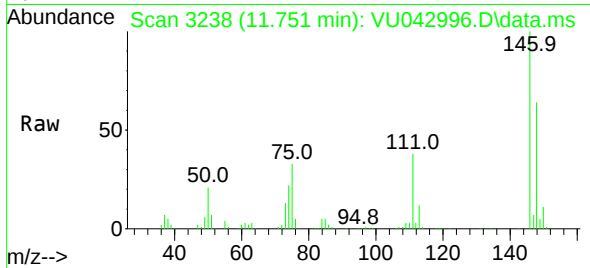
#87
1,3-Dichlorobenzene
Concen: 50.56 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:146 Resp: 179240
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.4
148 64.7 31.9 95.5

Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

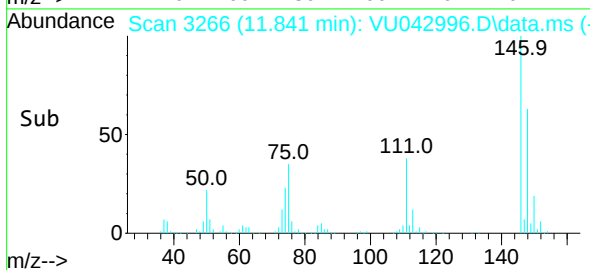
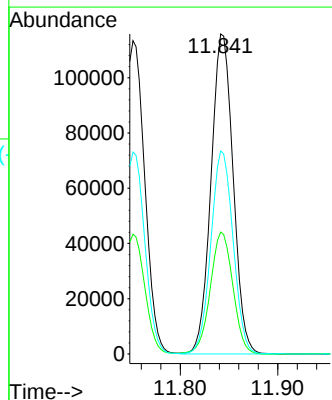
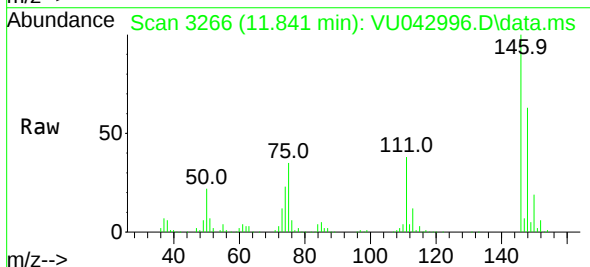
Manual Integrations
APPROVED

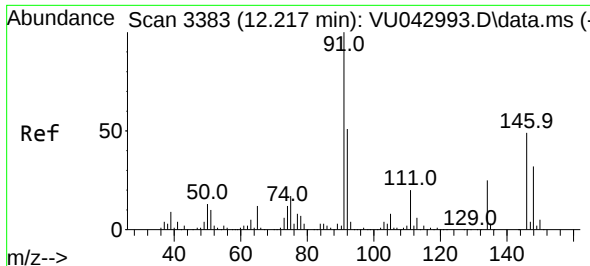
MMDadoda
4/9/2021 1:47:34 PM



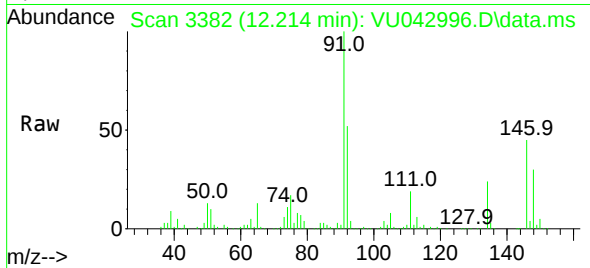
#88
1,4-Dichlorobenzene
Concen: 50.75 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:146 Resp: 182731
Ion Ratio Lower Upper
146 100
111 38.9 19.8 59.3
148 64.0 32.4 97.2

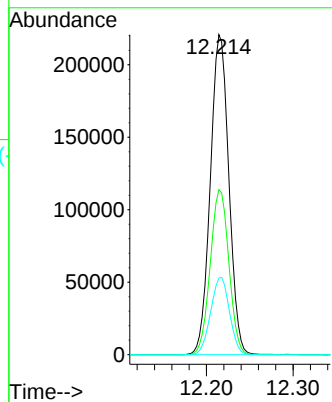
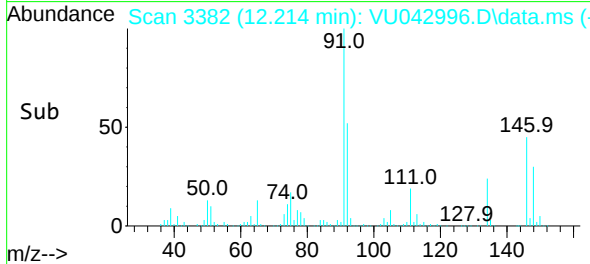




#89
n-Butylbenzene
Concen: 48.80 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



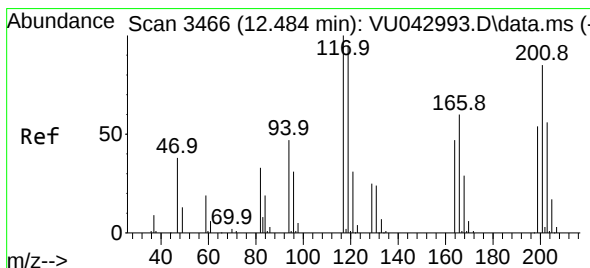
Tgt Ion: 91 Resp: 327943
Ion Ratio Lower Upper
91 100
92 51.8 25.7 77.1
134 24.5 12.2 36.4



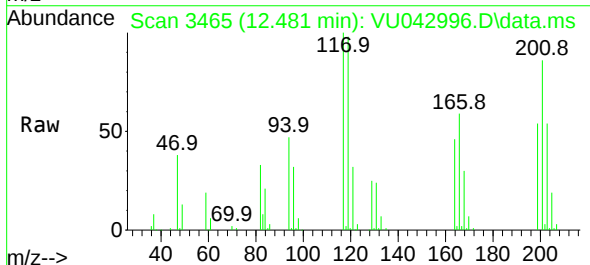
Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

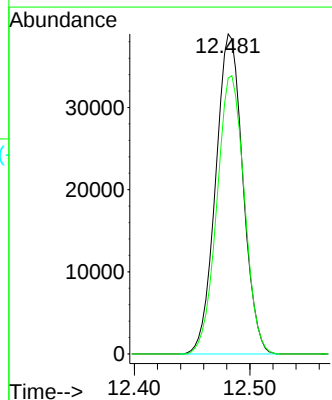
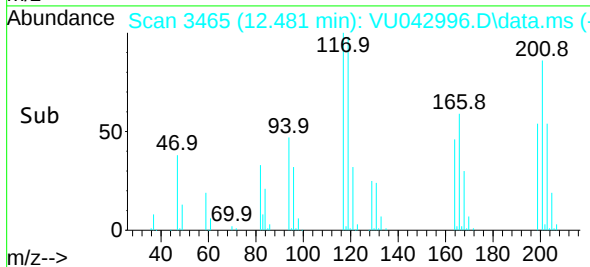
MMDadoda
4/9/2021 1:47:34 PM

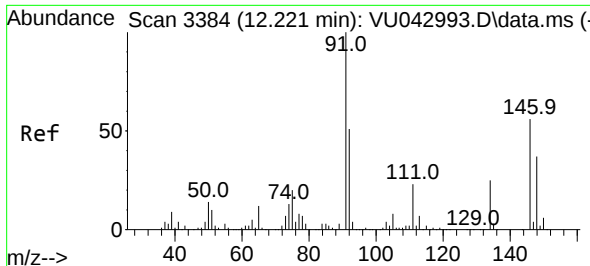


#90
Hexachloroethane
Concen: 48.42 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



Tgt Ion: 117 Resp: 63717
Ion Ratio Lower Upper
117 100
201 87.7 42.4 127.1





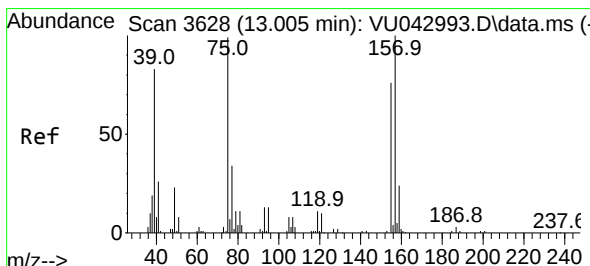
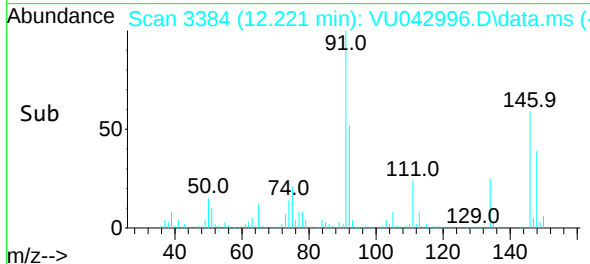
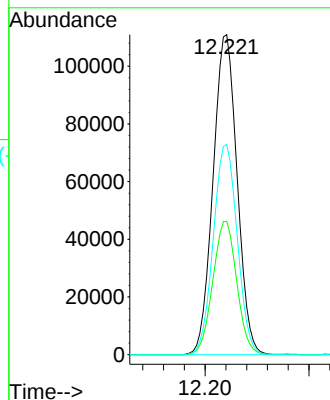
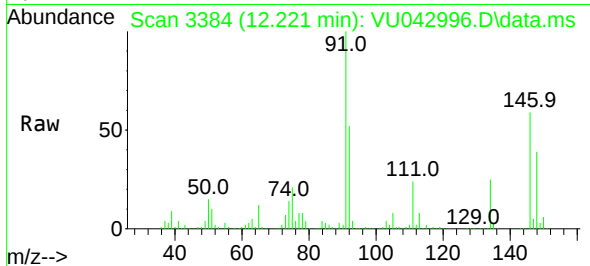
#91
1,2-Dichlorobenzene
Concen: 50.83 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion:146 Resp: 178420
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.5
148 65.6 32.1 96.5

Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

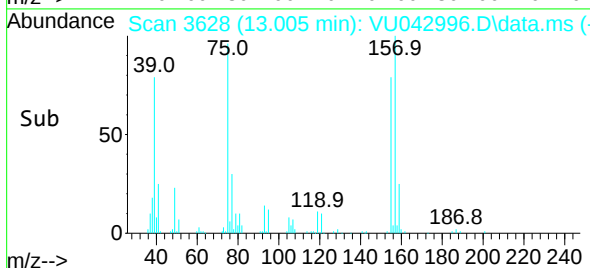
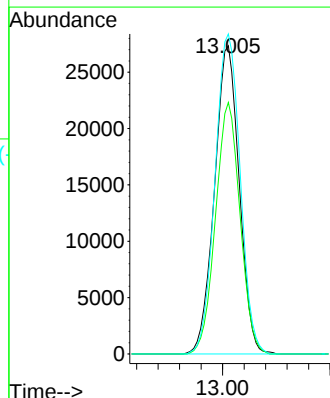
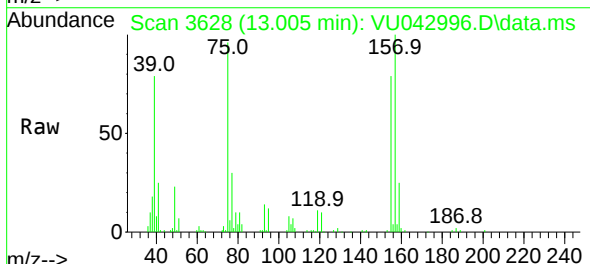
Manual Integrations
APPROVED

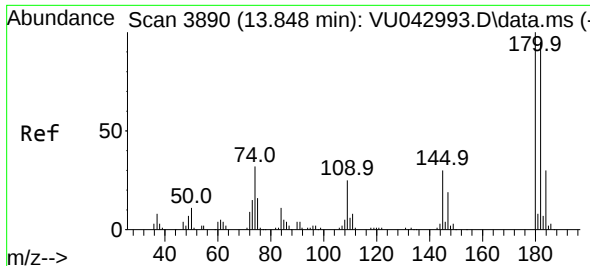
MMDadoda
4/9/2021 1:47:34 PM



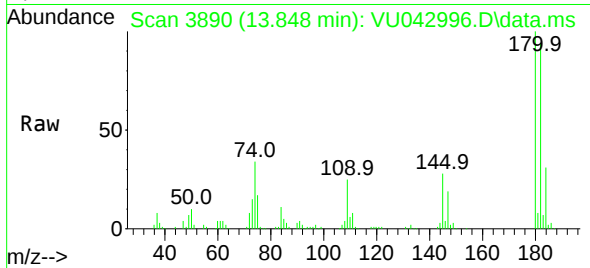
#92
1,2-Dibromo-3-Chloropropane
Concen: 48.91 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54

Tgt Ion: 75 Resp: 43663
Ion Ratio Lower Upper
75 100
155 80.8 39.6 119.0
157 105.2 50.5 151.6

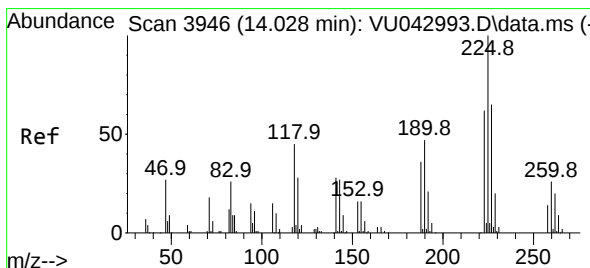
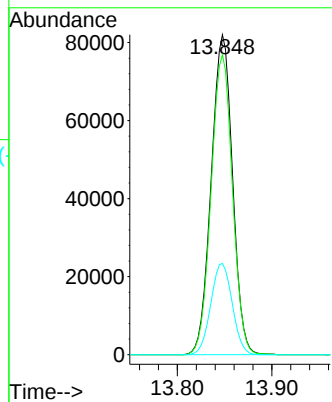
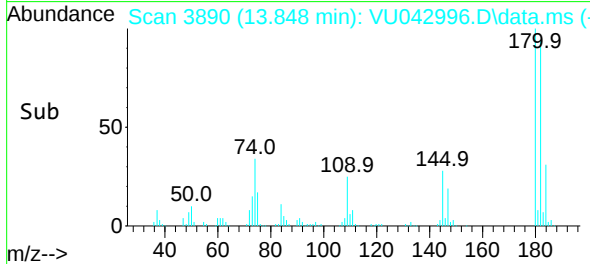




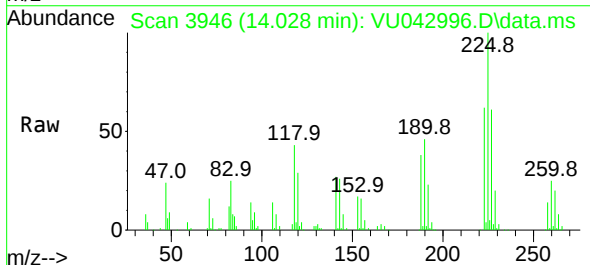
#93
1,2,4-Trichlorobenzene
Concen: 58.66 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



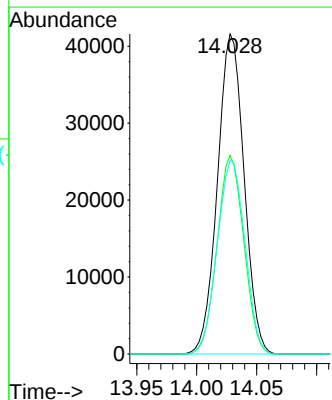
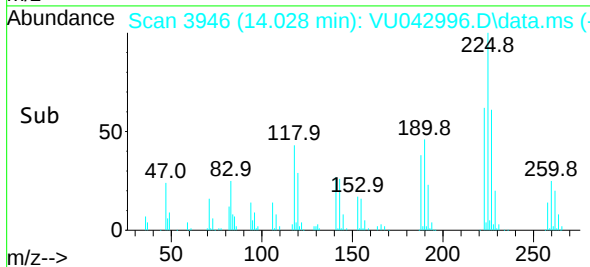
Tgt Ion:180 Resp: 128377
Ion Ratio Lower Upper
180 100
182 93.7 47.8 143.3
145 28.7 14.9 44.5



#94
Hexachlorobutadiene
Concen: 53.54 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



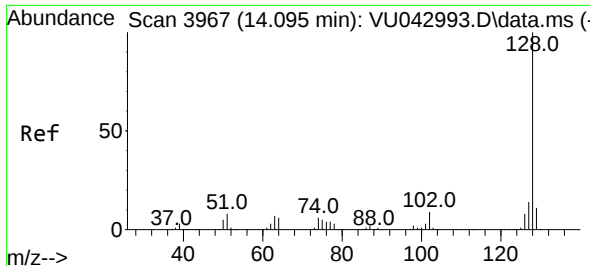
Tgt Ion:225 Resp: 64103
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.5
227 63.0 32.1 96.3



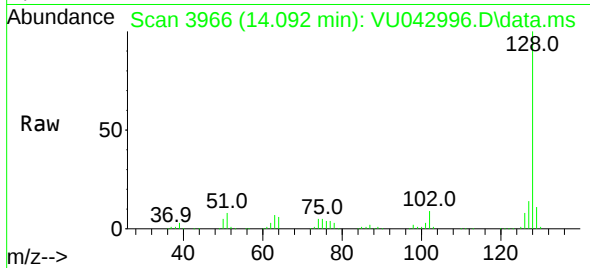
Instrument :
MSVOA_U
ClientSampled :
ICVVU040921

Manual Integrations
APPROVED

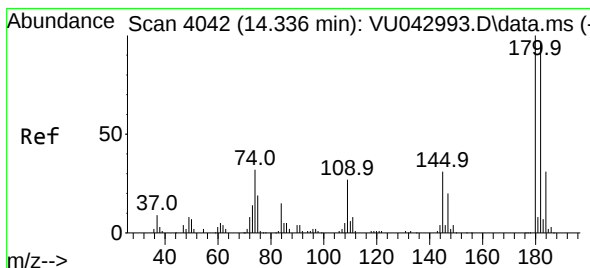
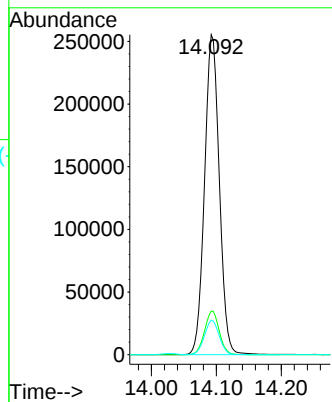
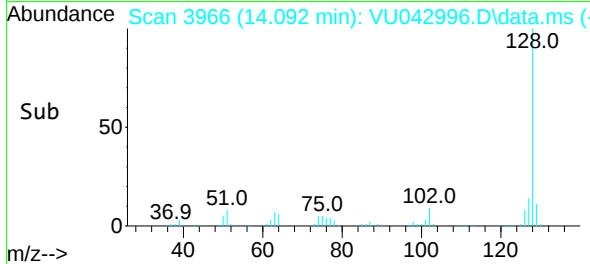
MMDadoda
4/9/2021 1:47:34 PM



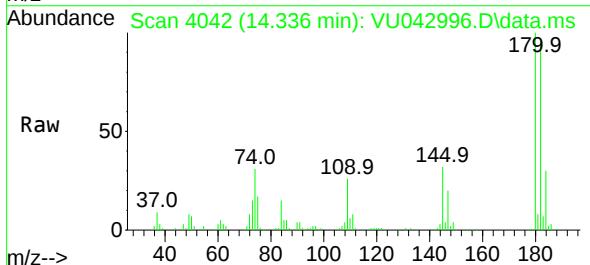
#95
Naphthalene
Concen: 51.52 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



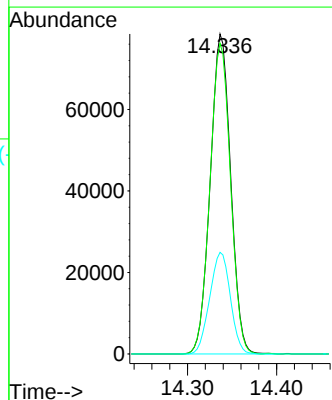
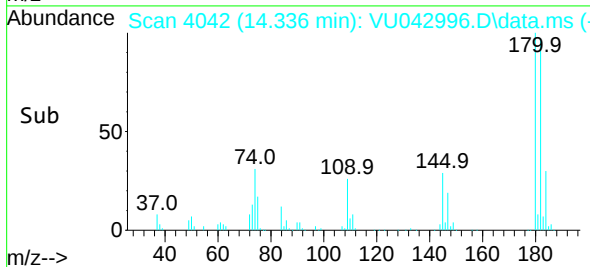
Tgt Ion:128 Resp: 404506
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.42 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU042996.D
Acq: 08 Apr 2021 19:54



Tgt Ion:180 Resp: 124918
Ion Ratio Lower Upper
180 100
182 97.7 47.9 143.8
145 32.0 15.3 45.8



Instrument :
MSVOA_U
ClientSampleId :
ICVVU040921

Manual Integrations
APPROVED

MMDadoda
4/9/2021 1:47:34 PM