

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042372.D
 Acq On : 19 Feb 2021 19:22
 Operator : SY/MD
 Sample : MDL13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL13

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 12:34:15 PM

Quant Time: Feb 20 01:55:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 20 01:54:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	137050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	217649	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	198222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	97623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	113052	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	5.298	113	77960	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	7.906	98	273629	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	10.639	95	99714	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	4296	2.60	ug/l	99
3) Chloromethane	1.523	50	4608	2.73	ug/l	98
4) Vinyl Chloride	1.607	62	4107	2.54	ug/l	100
5) Bromomethane	1.861	94	3089	3.10	ug/l	94
6) Chloroethane	1.938	64	2764	2.97	ug/l	98
7) Trichlorofluoromethane	2.144	101	6624	2.67	ug/l	97
8) Diethyl Ether	2.385	74	2293	2.91	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.588	101	3472	2.68	ug/l	92
10) Methyl Iodide	2.732	142	4116	2.23	ug/l #	94
11) Tert butyl alcohol	3.237	59	6932m	15.61	ug/l	
12) 1,1-Dichloroethene	2.588	96	3111	2.46	ug/l	98
13) Acrolein	2.494	56	3683	13.54	ug/l	100
14) Allyl chloride	2.932	41	7251	2.59	ug/l	98
15) Acrylonitrile	3.327	53	13087	12.20	ug/l	98
16) Acetone	2.646	43	14086	10.93	ug/l	96
17) Carbon Disulfide	2.800	76	9598	2.53	ug/l	99
18) Methyl Acetate	2.964	43	5795	2.48	ug/l	96
19) Methyl tert-butyl Ether	3.375	73	12491	2.61	ug/l	92
20) Methylene Chloride	3.054	84	4103	2.76	ug/l	94
21) trans-1,2-Dichloroethene	3.363	96	3453	2.55	ug/l #	89
22) Diisopropyl ether	4.002	45	13744	2.59	ug/l #	84
23) Vinyl Acetate	3.967	43	62904	12.46	ug/l	100
24) 1,1-Dichloroethane	3.877	63	7162	2.60	ug/l #	94
25) 2-Butanone	4.723	43	20108	11.73	ug/l	96
26) 2,2-Dichloropropane	4.678	77	6298	2.52	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	4036	2.57	ug/l	99
28) Bromochloromethane	4.986	49	3520	2.47	ug/l #	99
29) Tetrahydrofuran	5.070	42	13263	12.45	ug/l	98
30) Chloroform	5.099	83	7344	2.62	ug/l	99
31) Cyclohexane	5.391	56	10299	3.78	ug/l #	82
32) 1,1,1-Trichloroethane	5.324	97	6711	2.63	ug/l	98
36) 1,1-Dichloropropene	5.536	75	5184	2.41	ug/l	98
37) Ethyl Acetate	4.819	43	7182	2.15	ug/l #	90
38) Carbon Tetrachloride	5.530	117	5594	2.43	ug/l	97
39) Methylcyclohexane	6.771	83	6098	2.45	ug/l	96
40) Benzene	5.784	78	15401	2.55	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042372.D
 Acq On : 19 Feb 2021 19:22
 Operator : SY/MD
 Sample : MDL13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL13

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 12:34:15 PM

Quant Time: Feb 20 01:55:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 20 01:54:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	3911	2.27	ug/l	93
42) 1,2-Dichloroethane	5.803	62	7056	2.68	ug/l	94
43) Isopropyl Acetate	5.925	43	11810	2.40	ug/l	98
44) Trichloroethene	6.552	130	3795	2.36	ug/l	87
45) 1,2-Dichloropropane	6.800	63	3840	2.29	ug/l	92
46) Dibromomethane	6.928	93	2919	2.49	ug/l	91
47) Bromodichloromethane	7.115	83	5503	2.40	ug/l	98
48) Methyl methacrylate	6.973	41	5982	2.46	ug/l	100
49) 1,4-Dioxane	7.006	88	2183m	46.74	ug/l	
51) 4-Methyl-2-Pentanone	7.803	43	39143	11.76	ug/l	99
52) Toluene	7.977	92	9803	2.63	ug/l	93
53) t-1,3-Dichloropropene	8.218	75	5703	2.26	ug/l	93
54) cis-1,3-Dichloropropene	7.616	75	5685	2.12	ug/l	92
55) 1,1,2-Trichloroethane	8.407	97	3858	2.49	ug/l	97
56) Ethyl methacrylate	8.343	69	6211	2.34	ug/l	98
57) 1,3-Dichloropropane	8.584	76	6810	2.51	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.472	63	8084	9.04	ug/l	96
59) 2-Hexanone	8.697	43	30955	11.64	ug/l	96
60) Dibromochloromethane	8.816	129	4287	2.37	ug/l	99
61) 1,2-Dibromoethane	8.931	107	4263	2.42	ug/l	100
64) Tetrachloroethene	8.562	164	3658	2.45	ug/l	93
65) Chlorobenzene	9.452	112	10054	2.53	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.542	131	3549	2.34	ug/l	92
67) Ethyl Benzene	9.578	91	18181	2.54	ug/l	98
68) m/p-Xylenes	9.700	106	12802	4.84	ug/l	97
69) o-Xylene	10.108	106	5954	2.30	ug/l	89
70) Styrene	10.124	104	9998	2.32	ug/l	97
71) Bromoform	10.298	173	3082	2.11	ug/l #	98
73) Isopropylbenzene	10.491	105	16951	2.60	ug/l	98
74) N-amyl acetate	10.330	43	9019	2.43	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	6568	2.65	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	6526m	2.70	ug/l	
77) Bromobenzene	10.790	156	4711	2.70	ug/l	96
78) n-propylbenzene	10.912	91	18768	2.49	ug/l	100
79) 2-Chlorotoluene	10.993	91	12200	2.65	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	14323	2.56	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.555	75	1774	2.00	ug/l	89
82) 4-Chlorotoluene	11.105	91	13327	2.48	ug/l	100
83) tert-Butylbenzene	11.430	119	14182	2.62	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	13428	2.40	ug/l	100
85) sec-Butylbenzene	11.652	105	15228	2.39	ug/l	99
86) p-Isopropyltoluene	11.803	119	13485	2.29	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	7711	2.56	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	8104	2.63	ug/l	91
89) n-Butylbenzene	12.218	91	10999	2.13	ug/l	97
90) Hexachloroethane	12.484	117	2244	2.15	ug/l	95
91) 1,2-Dichlorobenzene	12.221	146	8144	2.66	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	13.005	75	1466	2.16	ug/l	94
93) 1,2,4-Trichlorobenzene	13.848	180	3687	1.93	ug/l	91
94) Hexachlorobutadiene	14.031	225	2629	2.46	ug/l	96
95) Naphthalene	14.095	128	8787	1.60	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.340	180	3558	1.91	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
Data File : VU042372.D
Acq On : 19 Feb 2021 19:22
Operator : SY/MD
Sample : MDL13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM

Quant Time: Feb 20 01:55:58 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 20 01:54:00 2021
Response via : Initial Calibration

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

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

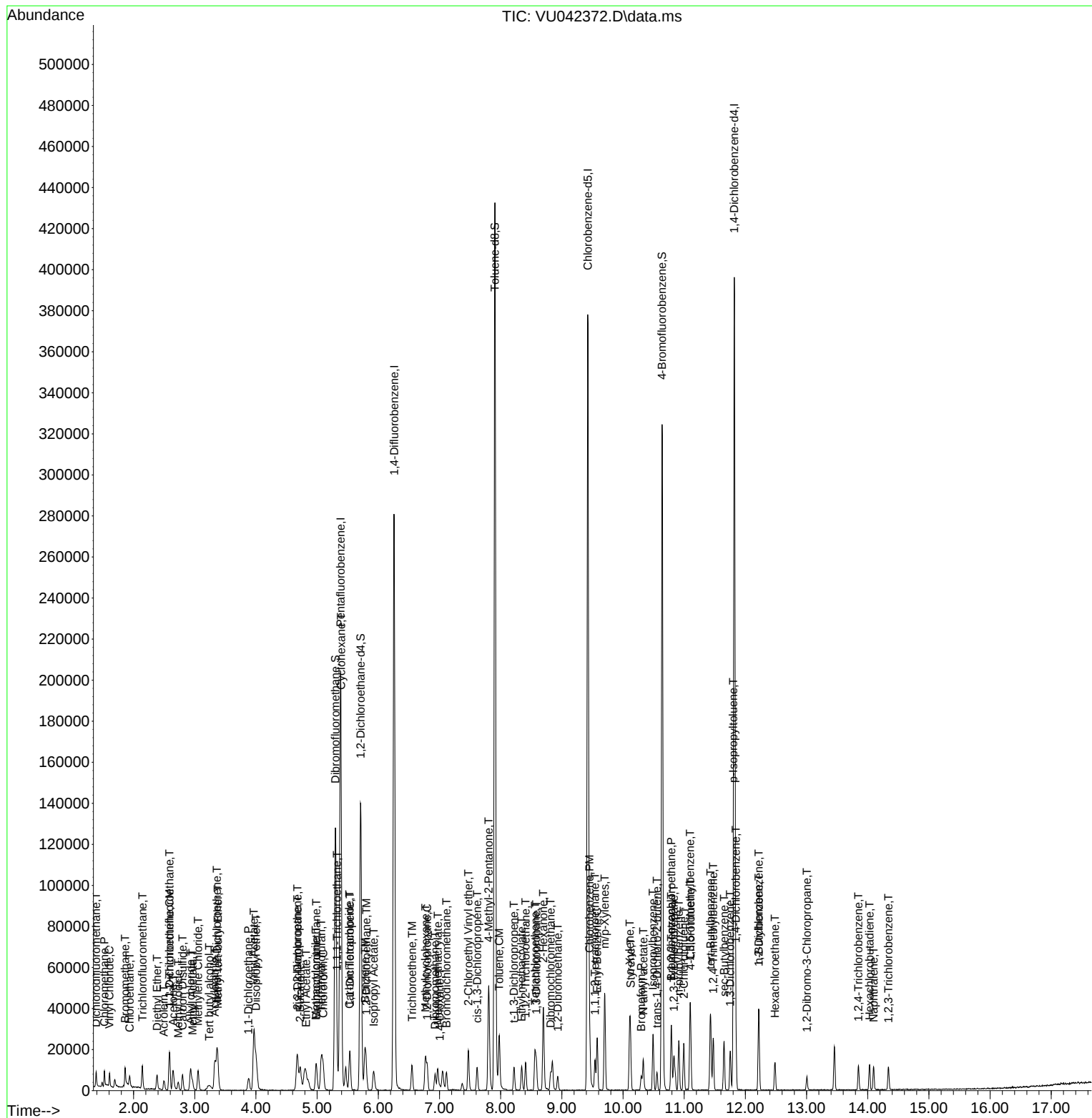
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
Data File : VU042372.D
Acq On : 19 Feb 2021 19:22
Operator : SY/MD
Sample : MDL13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

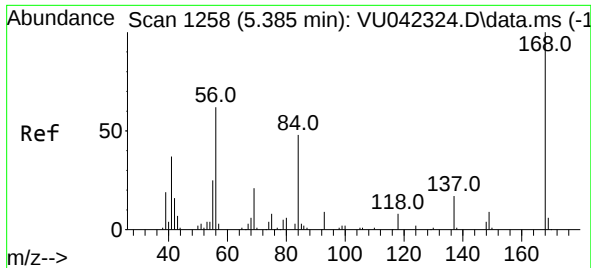
Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

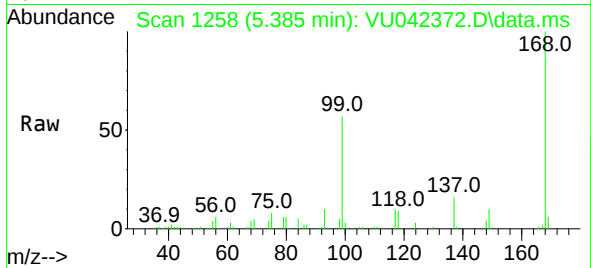
MMDadoda
2/22/2021 12:34:15 PM

Quant Time: Feb 20 01:55:58 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 20 01:54:00 2021
Response via : Initial Calibration

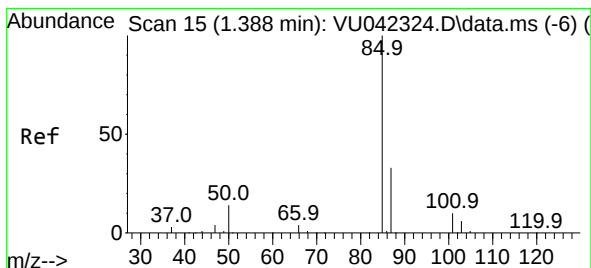
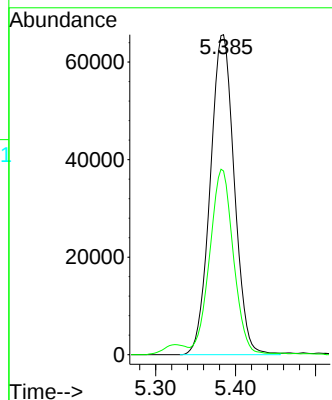
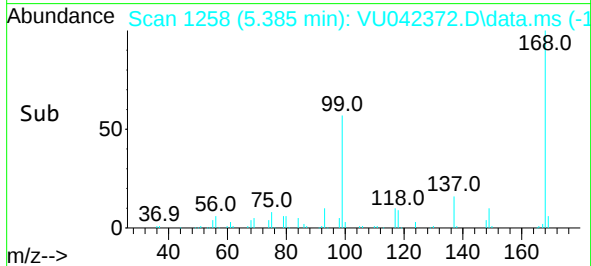




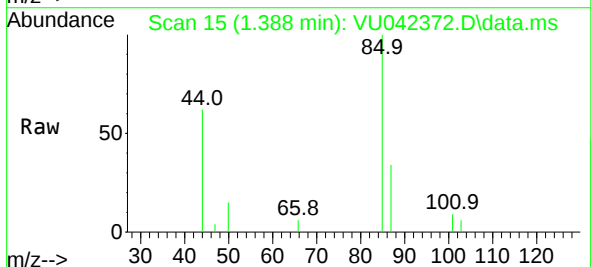
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



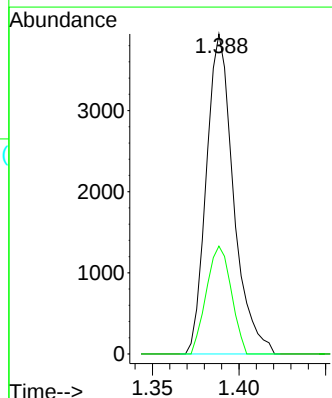
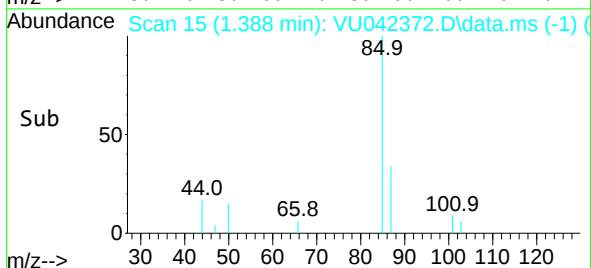
Tgt Ion:168 Resp: 137050
Ion Ratio Lower Upper
168 100
99 56.9 45.0 67.4



#2
Dichlorodifluoromethane
Concen: 2.60 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



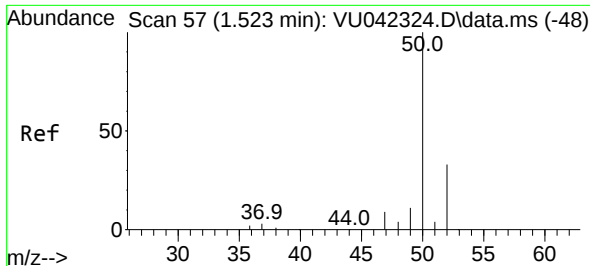
Tgt Ion: 85 Resp: 4296
Ion Ratio Lower Upper
85 100
87 33.7 16.5 49.5



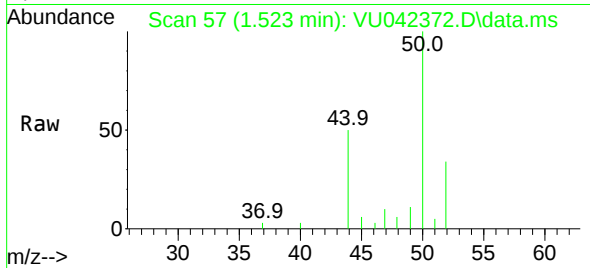
Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

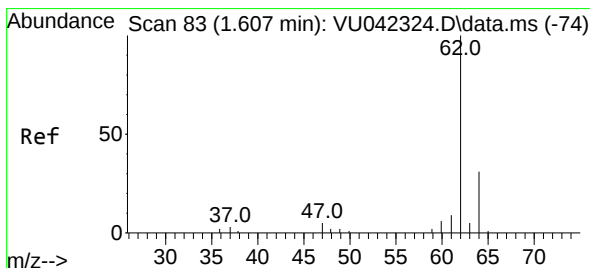
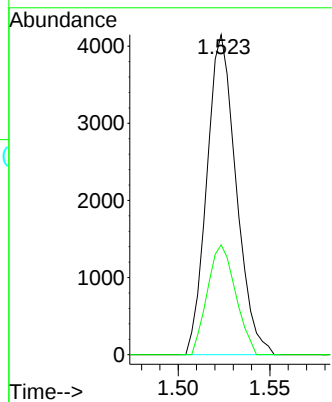
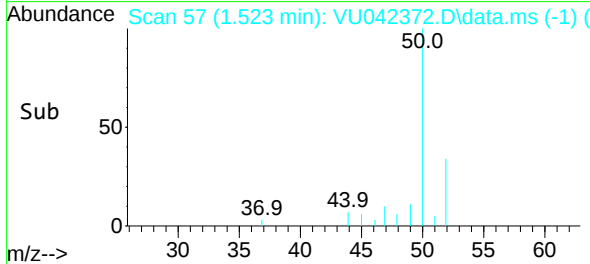
MMDadoda
2/22/2021 12:34:15 PM



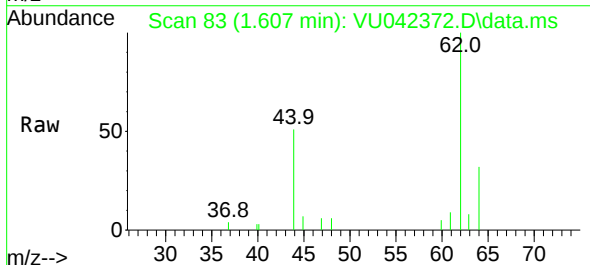
#3
Chloromethane
Concen: 2.73 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



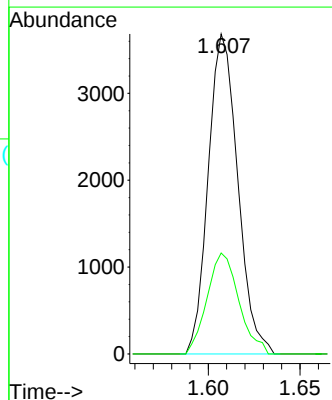
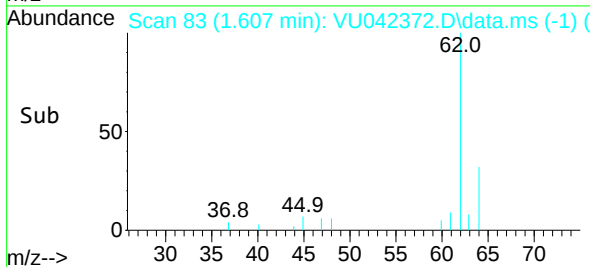
Tgt Ion: 50 Resp: 4608
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0



#4
Vinyl Chloride
Concen: 2.54 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



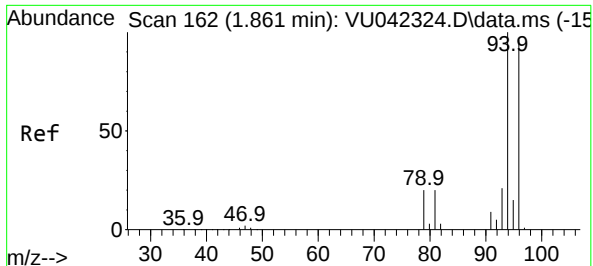
Tgt Ion: 62 Resp: 4107
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8



Instrument :
MSVOA_U
ClientSampled :
MDL13

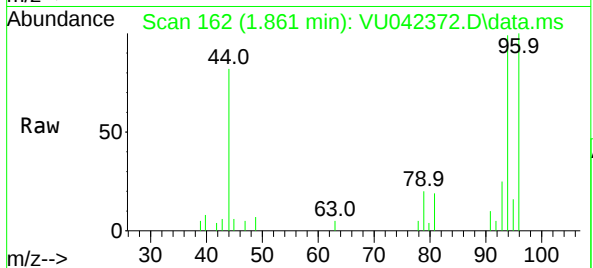
Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



#5
Bromomethane
Concen: 3.10 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

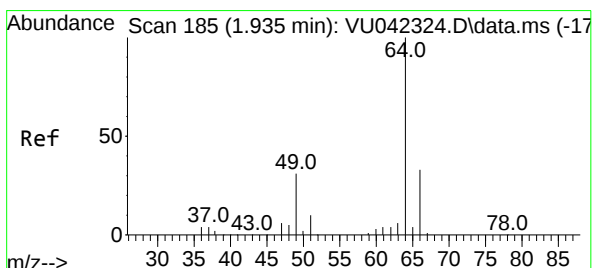
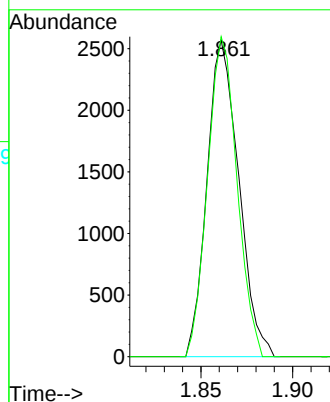
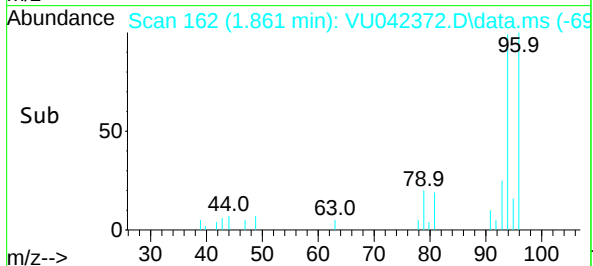
Instrument :
MSVOA_U
ClientSampleId :
MDL13



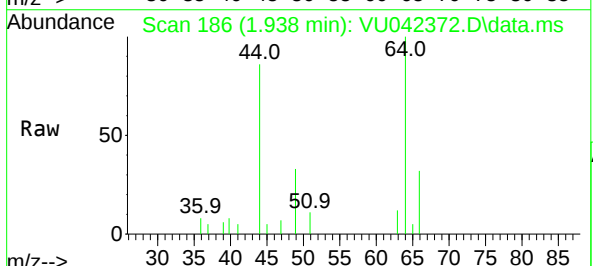
Tgt Ion: 94 Resp: 3089
Ion Ratio Lower Upper
94 100
96 101.2 76.6 115.0

Manual Integrations
APPROVED

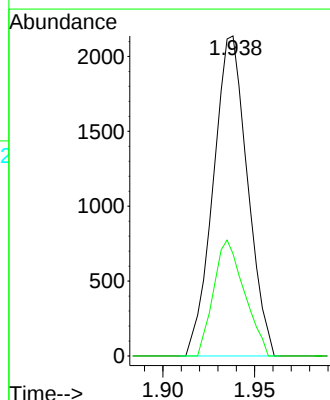
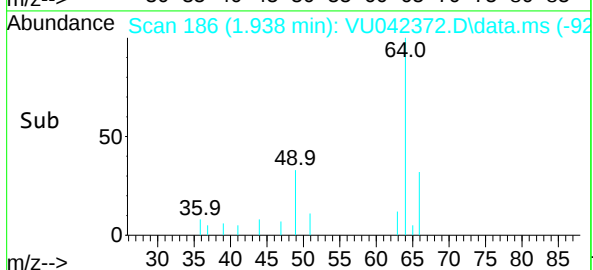
MMDadoda
2/22/2021 12:34:15 PM

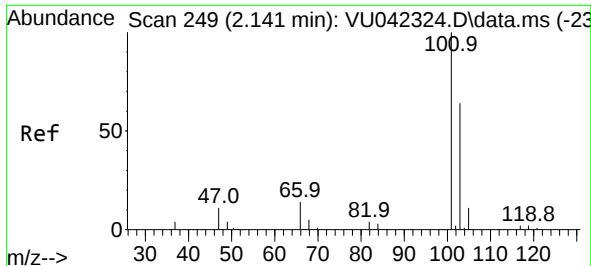


#6
Chloroethane
Concen: 2.97 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion: 64 Resp: 2764
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6





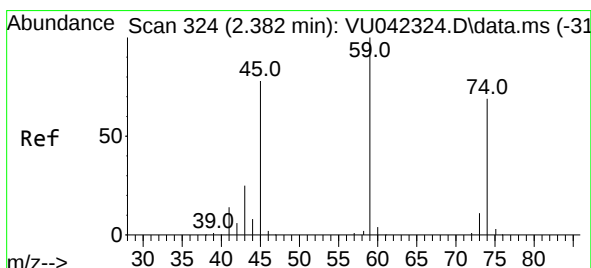
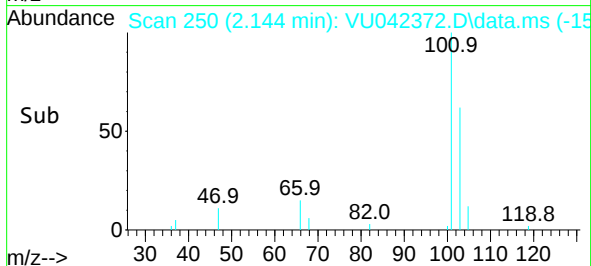
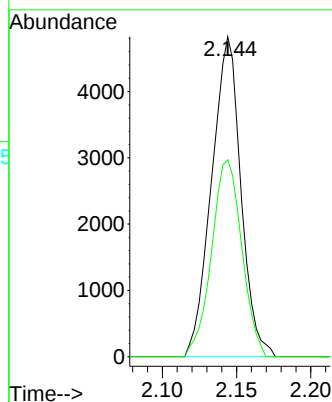
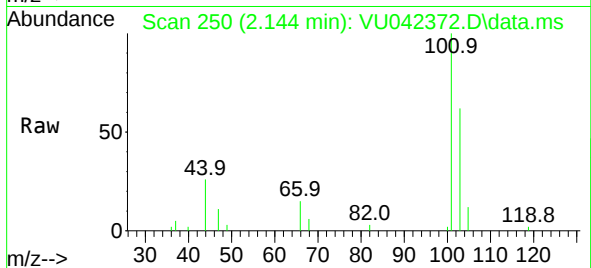
#7
 Trichlorofluoromethane
 Concen: 2.67 ug/l
 RT: 2.144 min Scan# 250
 Delta R.T. 0.003 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

Tgt Ion: 101 Resp: 6624
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.3 76.9

Instrument :
 MSVOA_U
 ClientSampled :
 MDL13

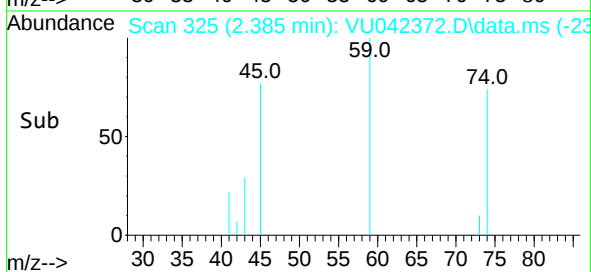
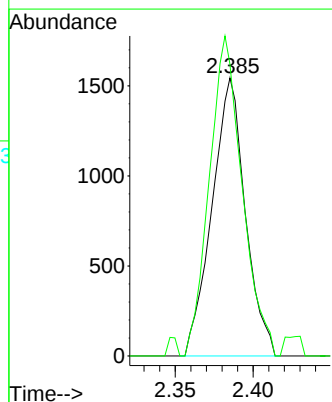
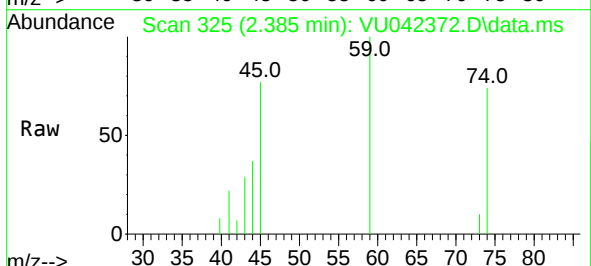
Manual Integrations
 APPROVED

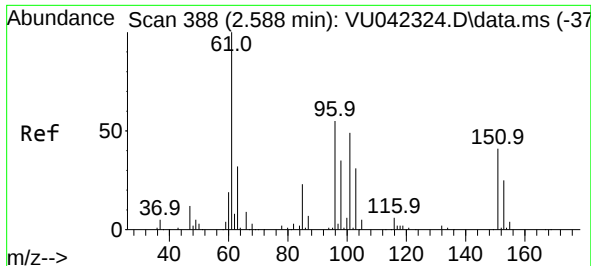
MMDadoda
 2/22/2021 12:34:15 PM



#8
 Diethyl Ether
 Concen: 2.91 ug/l
 RT: 2.385 min Scan# 325
 Delta R.T. 0.003 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

Tgt Ion: 74 Resp: 2293
 Ion Ratio Lower Upper
 74 100
 45 114.0 56.9 170.6





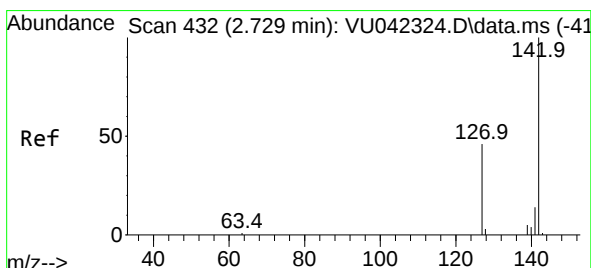
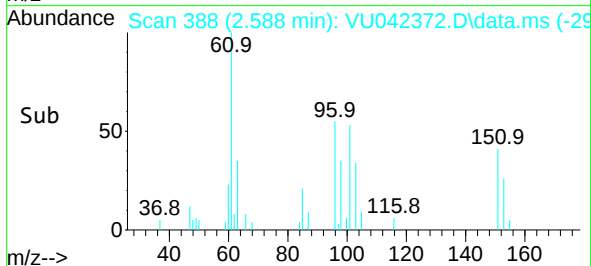
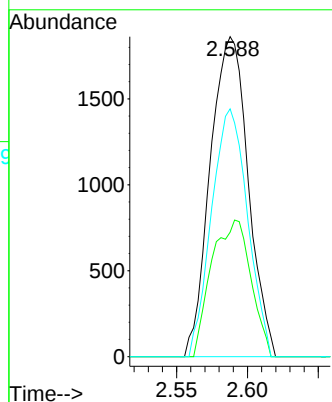
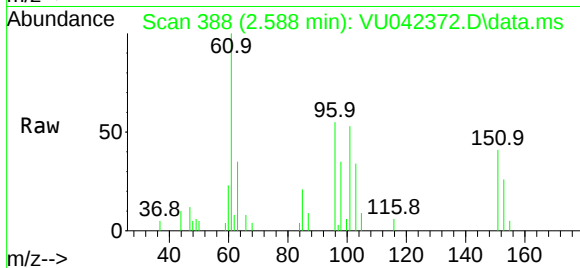
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.68 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion:	101	Resp:	3472
Ion Ratio	Lower	Upper	
101	100		
85	44.2	37.4	56.0
151	73.4	65.8	98.8

Instrument :
MSVOA_U
ClientSampleId :
MDL13

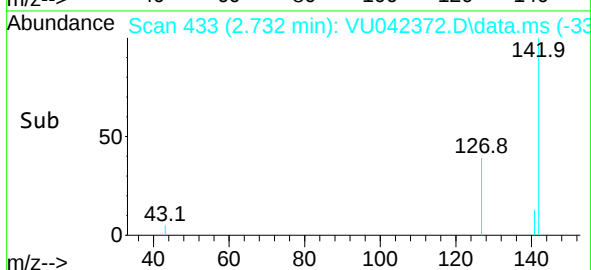
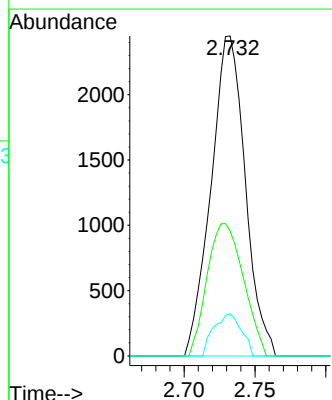
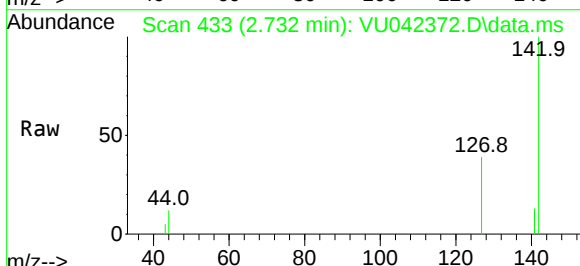
Manual Integrations
APPROVED

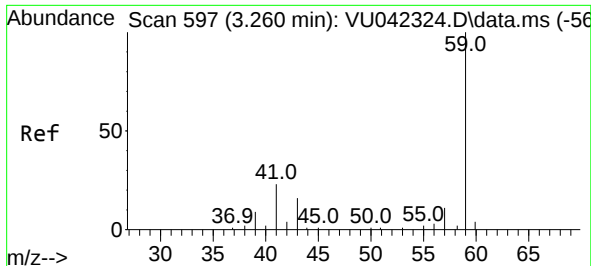
MMDadoda
2/22/2021 12:34:15 PM



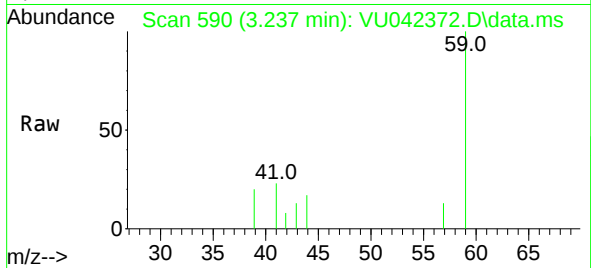
#10
Methyl Iodide
Concen: 2.23 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion:	142	Resp:	4116
Ion Ratio	Lower	Upper	
142	100		
127	43.8	37.8	56.6
141	10.7	11.8	17.6#

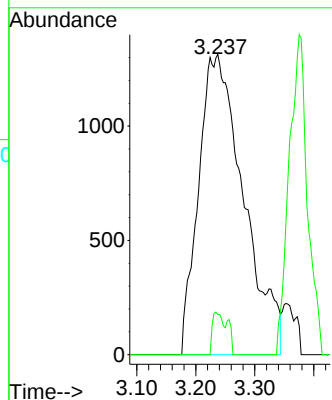




#11
Tert butyl alcohol
Concen: 15.61 ug/l m
RT: 3.237 min Scan# 590
Delta R.T. -0.023 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



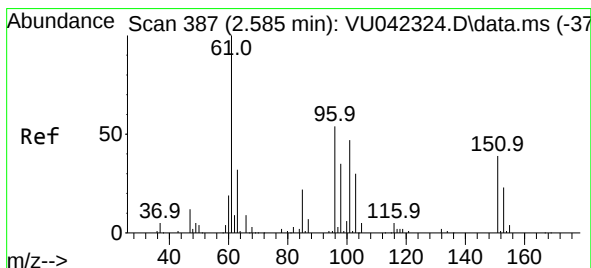
Tgt Ion: 59 Resp: 6932
Ion Ratio Lower Upper
59 100
57 3.5 1.6 2.4#



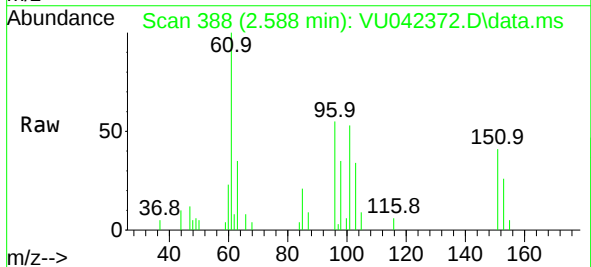
Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

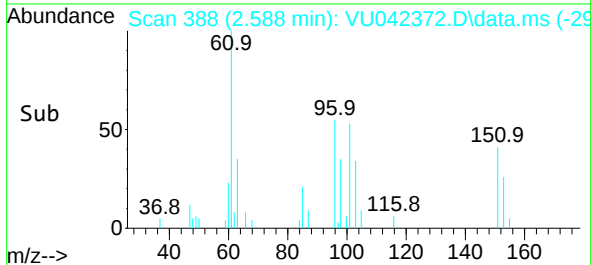
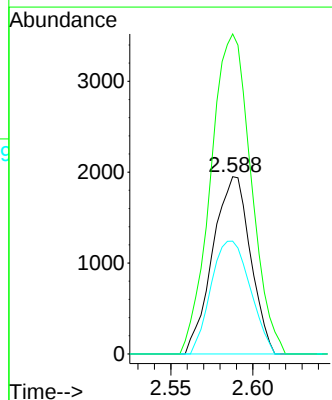
MMDadoda
2/22/2021 12:34:15 PM

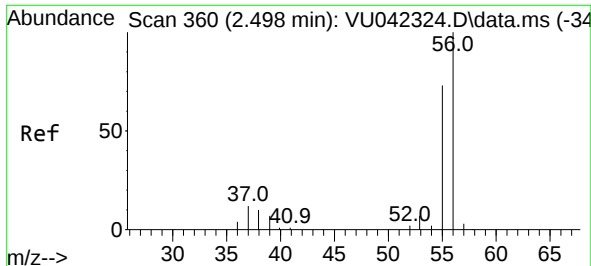


#12
1,1-Dichloroethene
Concen: 2.46 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion: 96 Resp: 3111
Ion Ratio Lower Upper
96 100
61 180.6 147.4 221.0
98 63.6 51.4 77.2





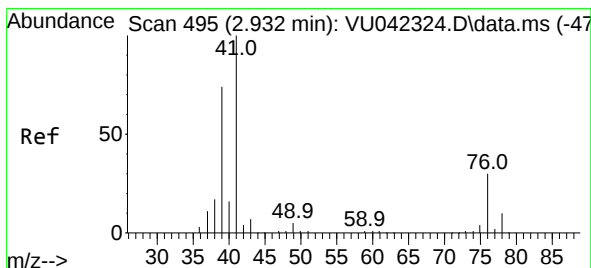
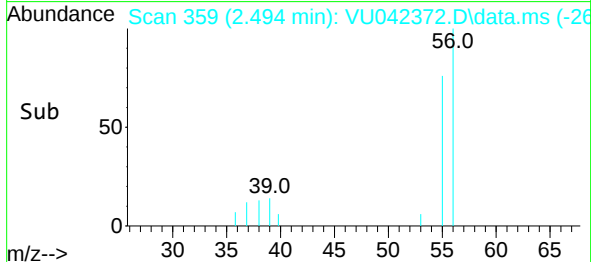
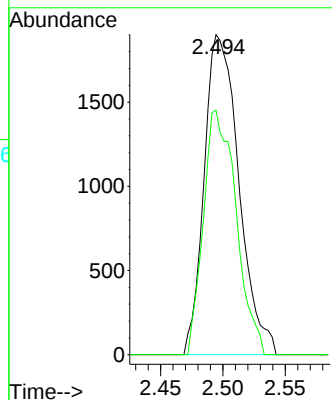
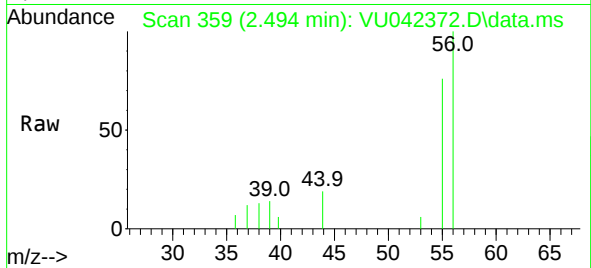
#13
Acrolein
Concen: 13.54 ug/l
RT: 2.494 min Scan# 359
Delta R.T. -0.004 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 56 Resp: 3683
Ion Ratio Lower Upper
56 100
55 72.0 57.3 85.9

Instrument :
MSVOA_U
ClientSampleId :
MDL13

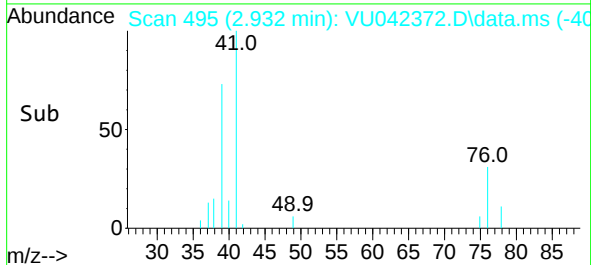
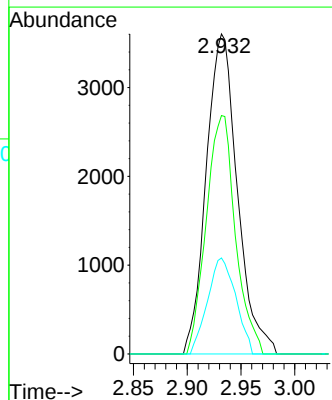
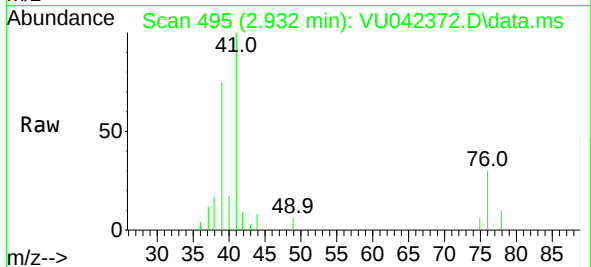
Manual Integrations
APPROVED

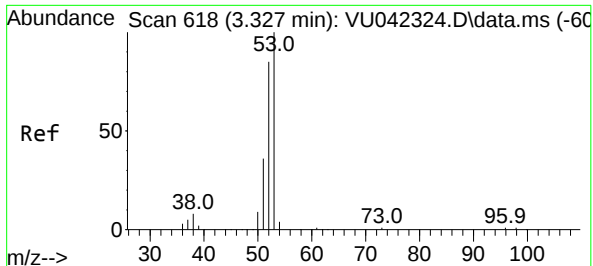
MMDadoda
2/22/2021 12:34:15 PM



#14
Allyl chloride
Concen: 2.59 ug/l
RT: 2.932 min Scan# 495
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

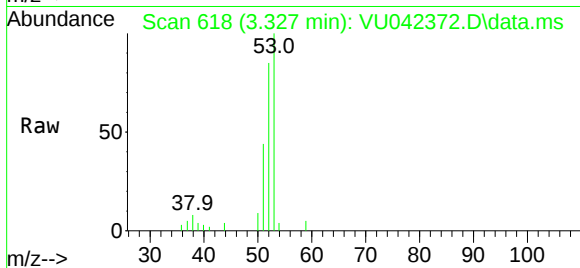
Tgt Ion: 41 Resp: 7251
Ion Ratio Lower Upper
41 100
39 69.8 54.9 82.3
76 27.2 22.5 33.7





#15
Acrylonitrile
Concen: 12.20 ug/l
RT: 3.327 min Scan# 618
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

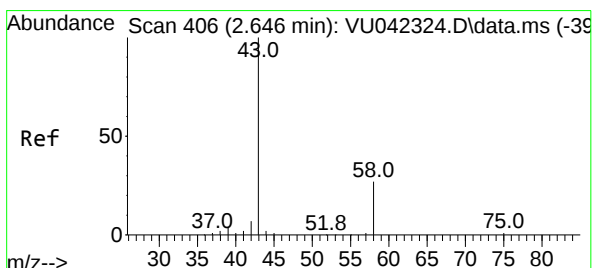
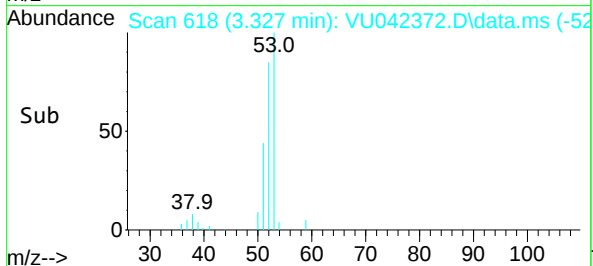
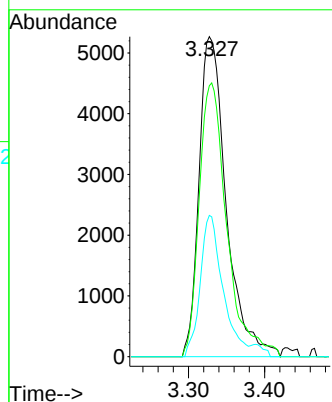
Instrument :
MSVOA_U
ClientSampleId :
MDL13



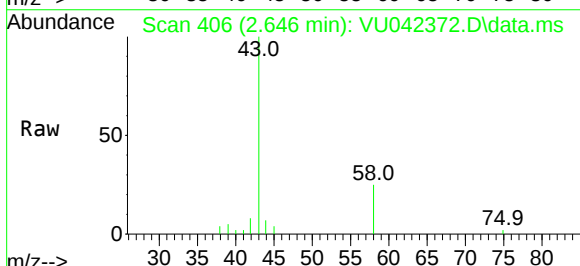
Tgt Ion	Ratio	Lower	Upper
53	100		
52	87.0	68.2	102.2
51	36.7	29.2	43.8

Manual Integrations
APPROVED

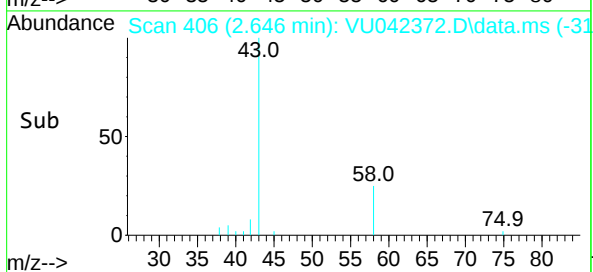
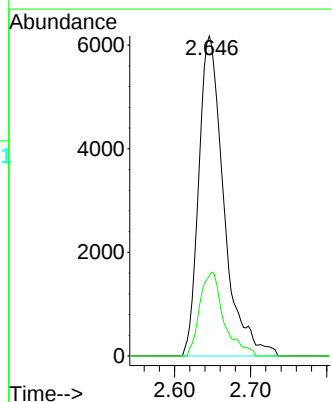
MMDadoda
2/22/2021 12:34:15 PM

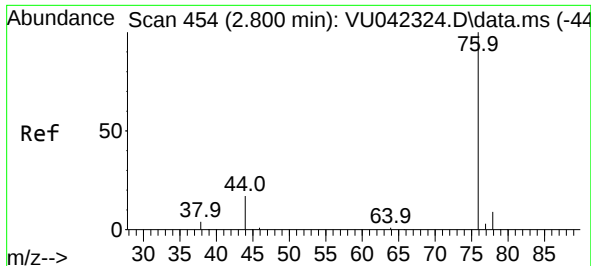


#16
Acetone
Concen: 10.93 ug/l
RT: 2.646 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



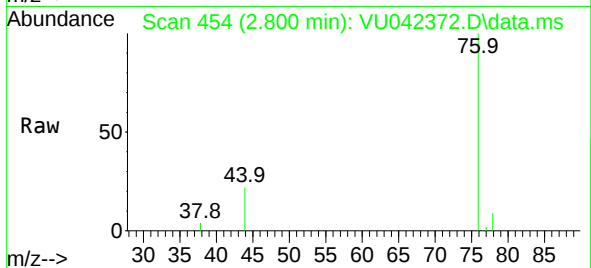
Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.1	21.5	32.3



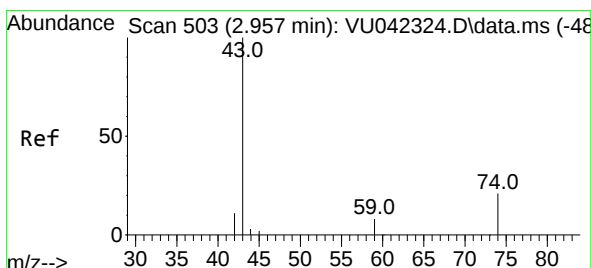
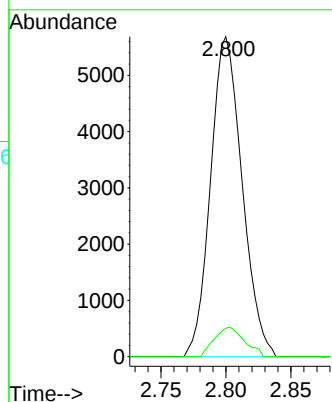
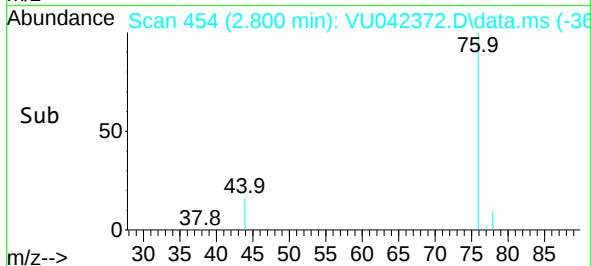


#17
Carbon Disulfide
Concen: 2.53 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

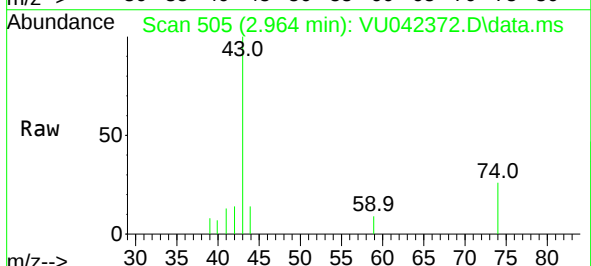
Instrument :
MSVOA_U
ClientSampleId :
MDL13



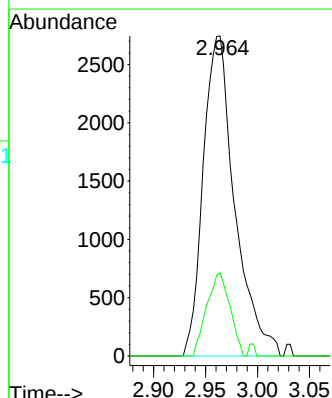
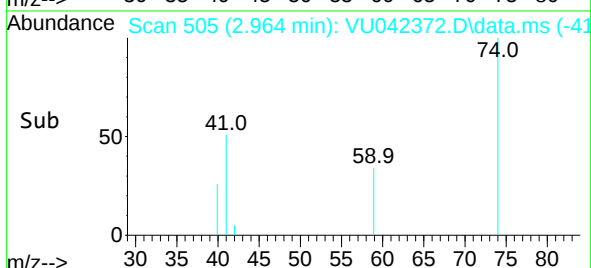
Tgt Ion: 76 Resp: 9598
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

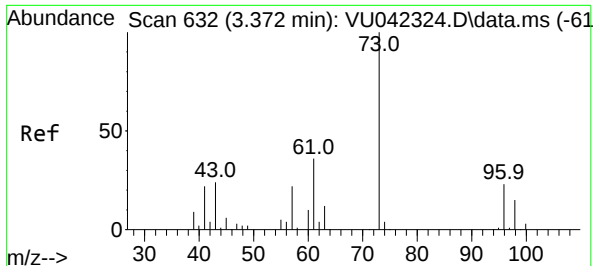


#18
Methyl Acetate
Concen: 2.48 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion: 43 Resp: 5795
Ion Ratio Lower Upper
43 100
74 19.1 16.6 25.0





#19

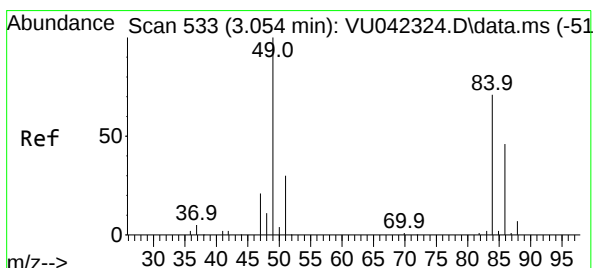
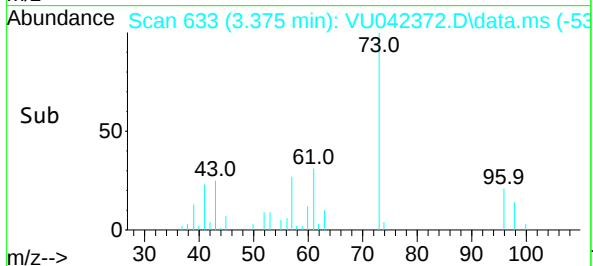
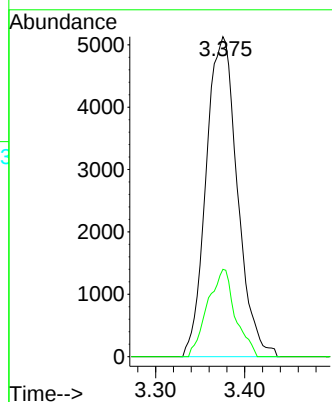
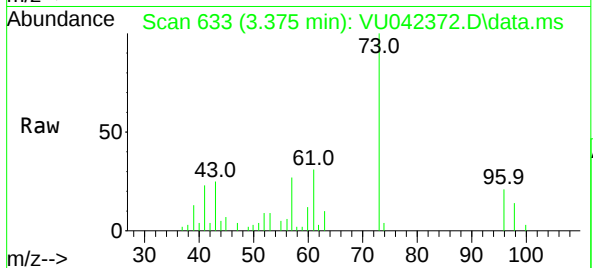
Methyl tert-butyl Ether
Concen: 2.61 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 73 Resp: 12491
Ion Ratio Lower Upper
73 100
57 27.3 18.8 28.2

Instrument :
MSVOA_U
ClientSampled :
MDL13

Manual Integrations
APPROVED

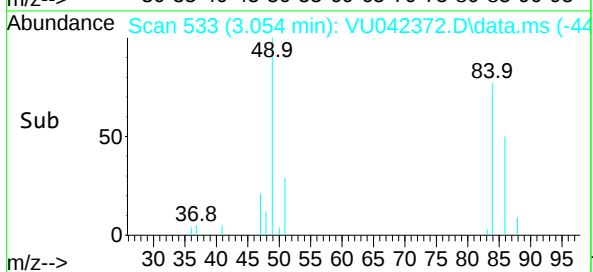
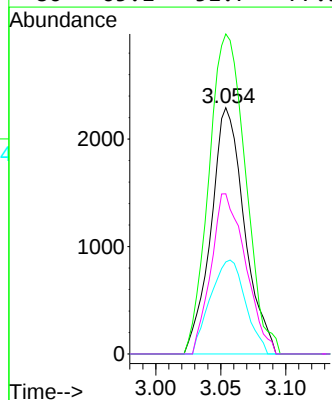
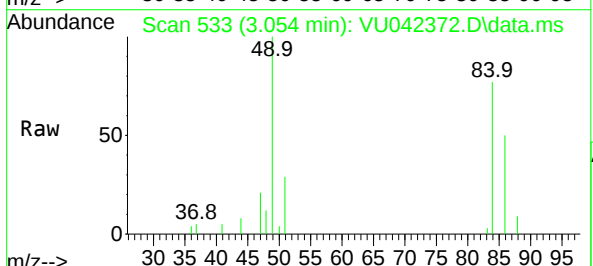
MMDadoda
2/22/2021 12:34:15 PM

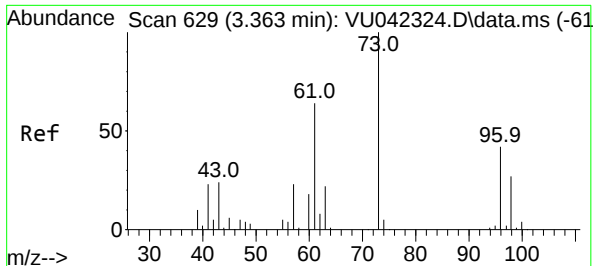


#20

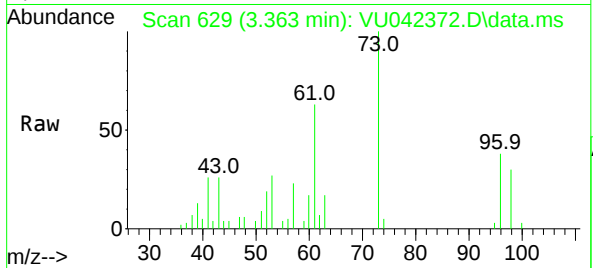
Methylene Chloride
Concen: 2.76 ug/l
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 84 Resp: 4103
Ion Ratio Lower Upper
84 100
49 130.0 112.6 169.0
51 37.4 33.7 50.5
86 65.1 51.7 77.5

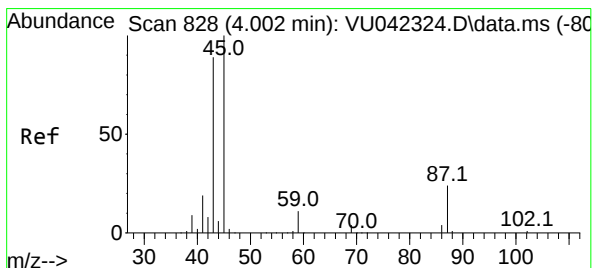
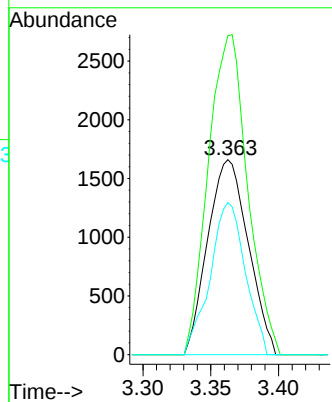
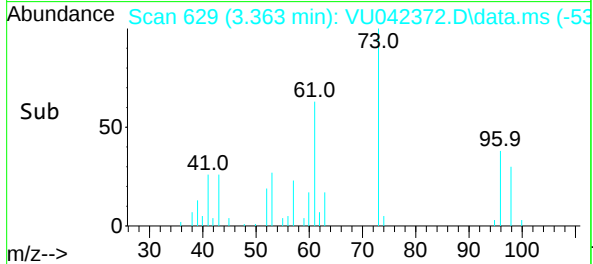




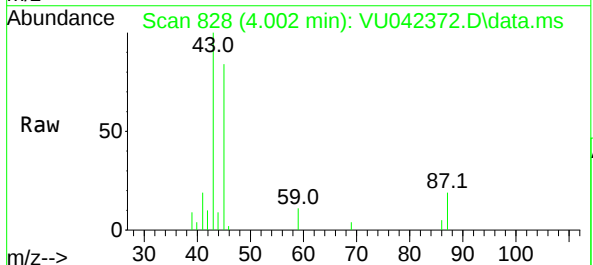
#21
trans-1,2-Dichloroethene
Concen: 2.55 ug/l
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



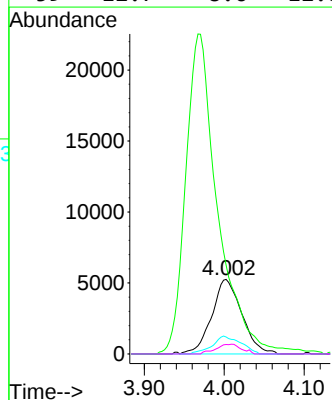
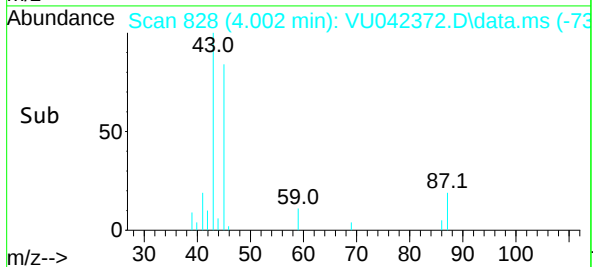
Tgt Ion: 96 Resp: 3453
Ion Ratio Lower Upper
96 100
61 163.5 122.4 183.6
98 78.0 51.9 77.9#



#22
Diisopropyl ether
Concen: 2.59 ug/l
RT: 4.002 min Scan# 828
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



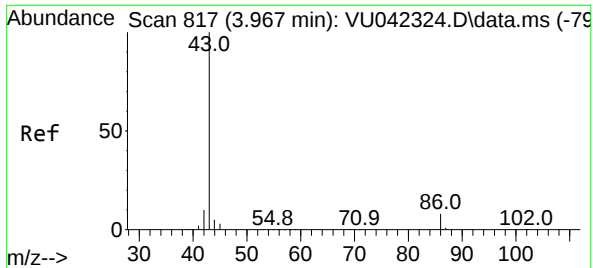
Tgt Ion: 45 Resp: 13744
Ion Ratio Lower Upper
45 100
43 111.1 73.0 109.6#
87 22.8 19.5 29.3
59 12.7 8.6 12.8



Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



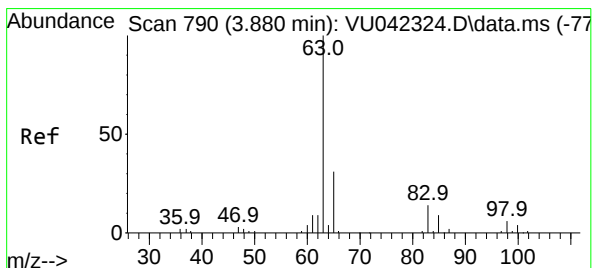
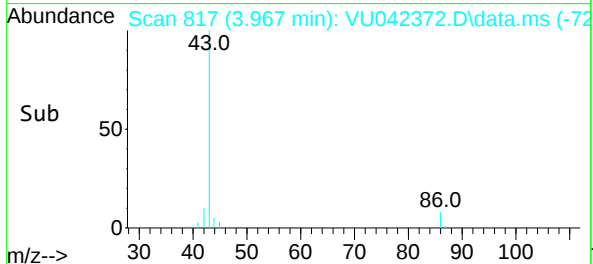
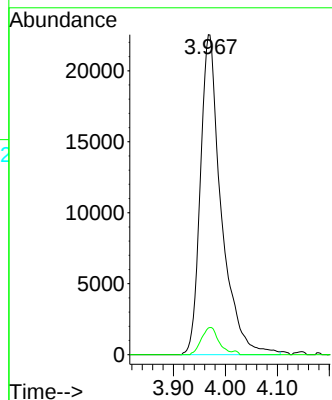
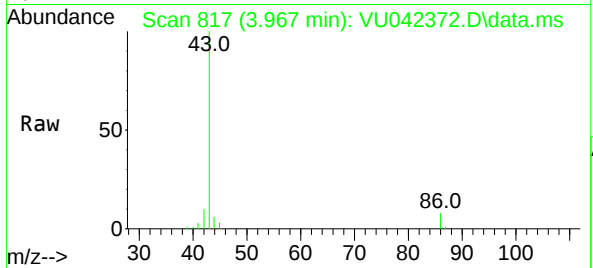
#23
 Vinyl Acetate
 Concen: 12.46 ug/l
 RT: 3.967 min Scan# 817
 Delta R.T. -0.000 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

Tgt Ion: 43 Resp: 62904
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.7 10.1

Instrument :
 MSVOA_U
 ClientSampled :
 MDL13

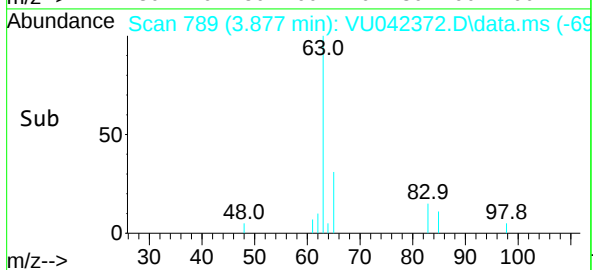
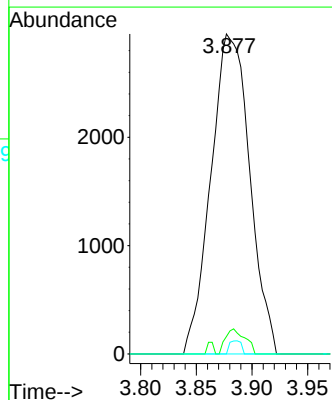
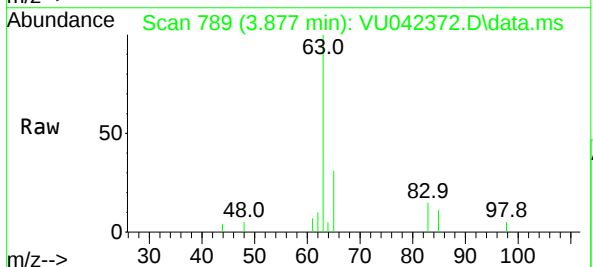
Manual Integrations
 APPROVED

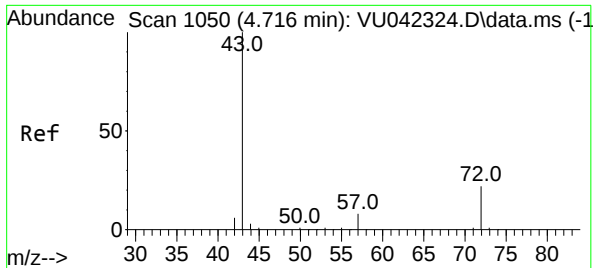
MMDadoda
 2/22/2021 12:34:15 PM



#24
 1,1-Dichloroethane
 Concen: 2.60 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. -0.003 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

Tgt Ion: 63 Resp: 7162
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.1 9.3
 100 0.0 2.1 6.2#





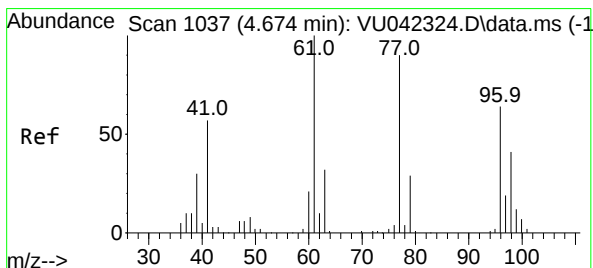
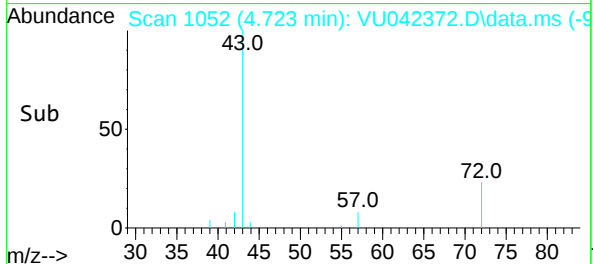
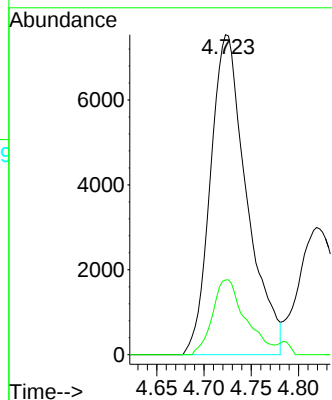
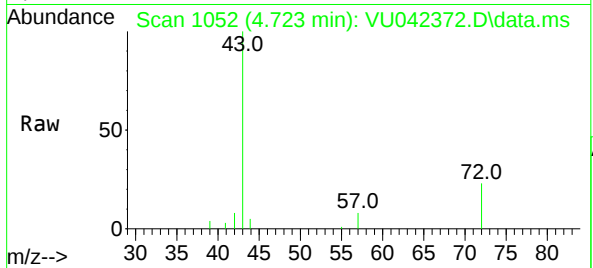
#25
2-Butanone
Concen: 11.73 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 43 Resp: 20108
Ion Ratio Lower Upper
43 100
72 23.4 17.4 26.0

Instrument :
MSVOA_U
ClientSampleId :
MDL13

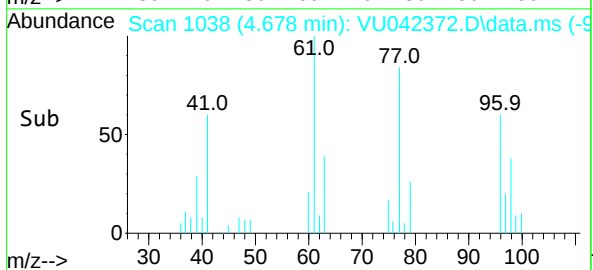
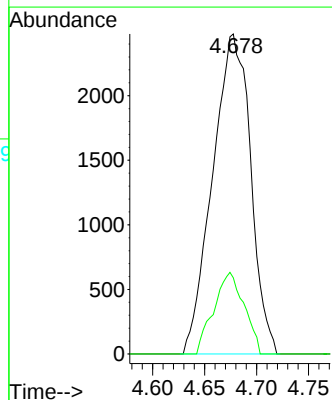
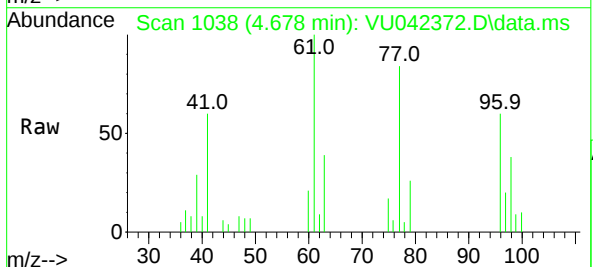
Manual Integrations
APPROVED

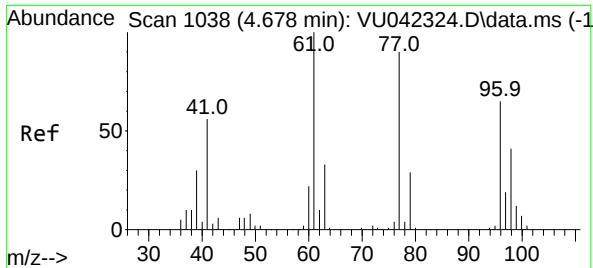
MMDadoda
2/22/2021 12:34:15 PM



#26
2,2-Dichloropropane
Concen: 2.52 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 77 Resp: 6298
Ion Ratio Lower Upper
77 100
97 20.4 10.6 31.8





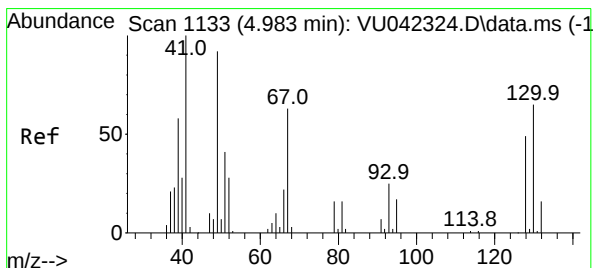
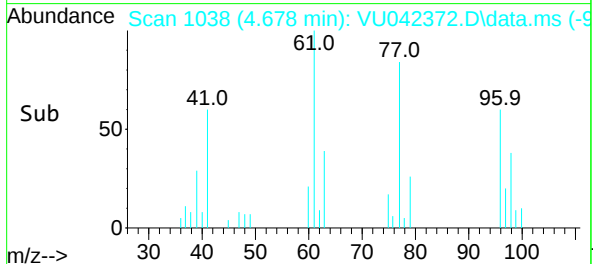
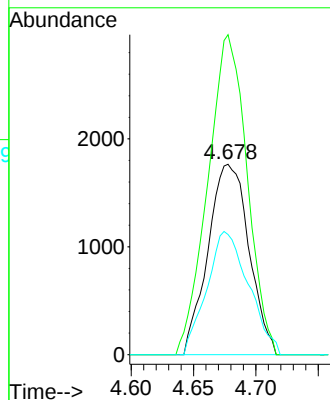
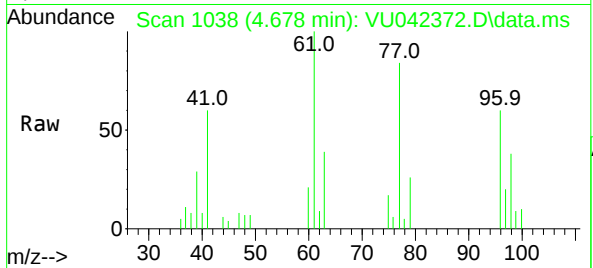
#27
 cis-1,2-Dichloroethene
 Concen: 2.57 ug/l
 RT: 4.678 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

Tgt Ion: 96 Resp: 4036
 Ion Ratio Lower Upper
 96 100
 61 160.8 0.0 322.2
 98 65.9 0.0 128.6

Instrument :
 MSVOA_U
 ClientSampled :
 MDL13

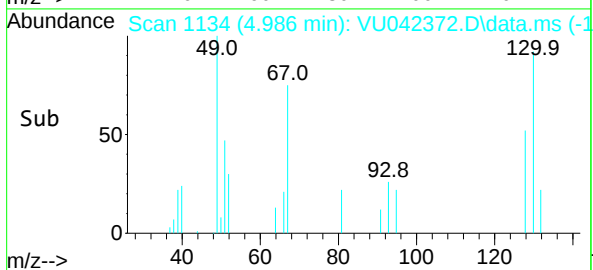
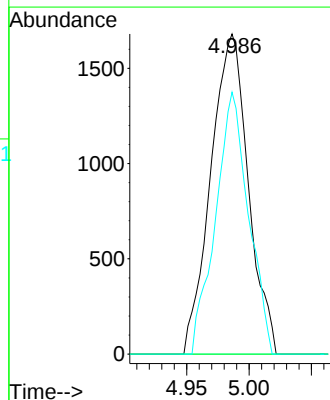
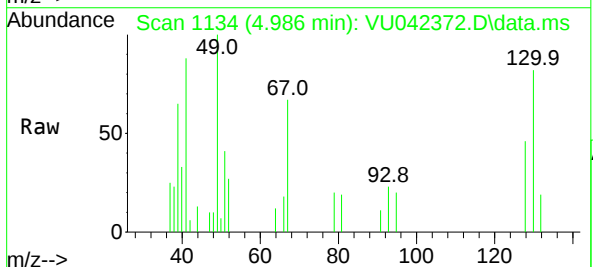
Manual Integrations
 APPROVED

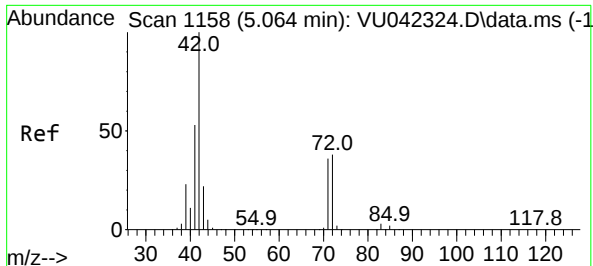
MMDadoda
 2/22/2021 12:34:15 PM



#28
 Bromochloromethane
 Concen: 2.47 ug/l
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

Tgt Ion: 49 Resp: 3520
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.4
 130 71.9 57.1 85.7





#29

Tetrahydrofuran

Concen: 12.45 ug/l

RT: 5.070 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VU042372.D

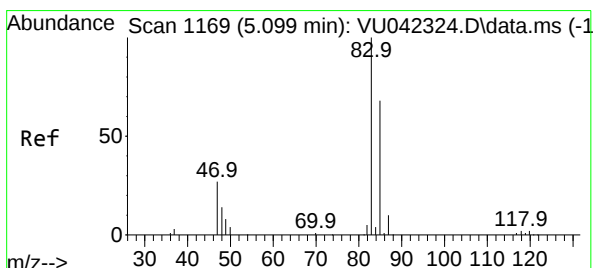
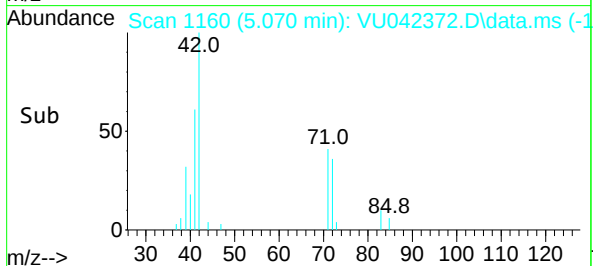
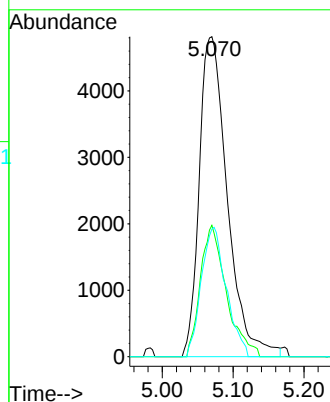
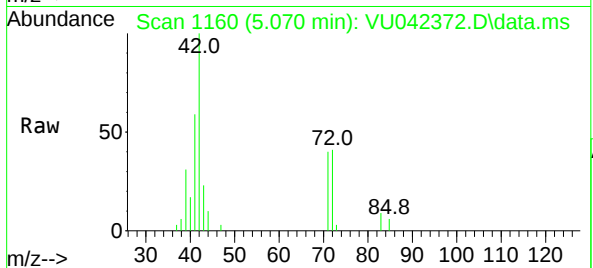
Acq: 19 Feb 2021 19:22

Tgt Ion:	42	Resp:	13263
Ion	Ratio	Lower	Upper
42	100		
72	37.8	31.5	47.3
71	35.8	29.5	44.3

Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



#30

Chloroform

Concen: 2.62 ug/l

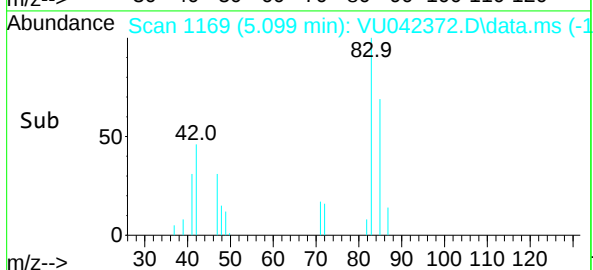
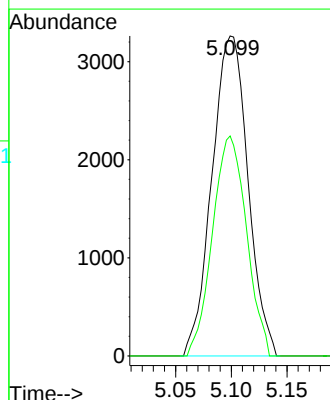
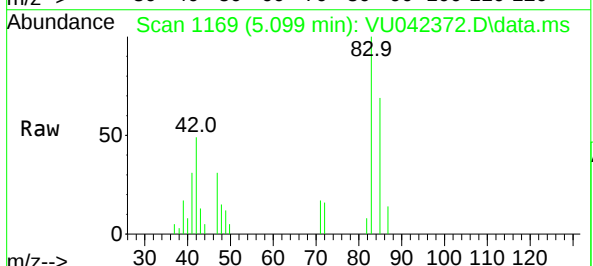
RT: 5.099 min Scan# 1169

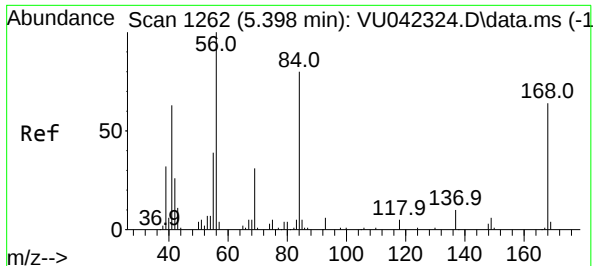
Delta R.T. -0.000 min

Lab File: VU042372.D

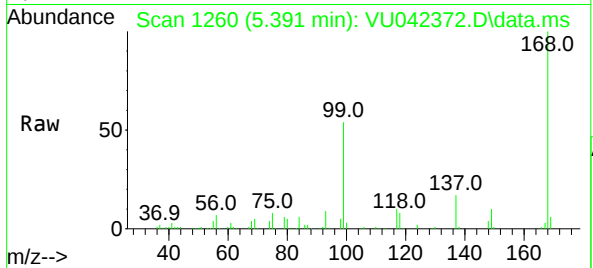
Acq: 19 Feb 2021 19:22

Tgt Ion:	83	Resp:	7344
Ion	Ratio	Lower	Upper
83	100		
85	68.7	54.6	81.8

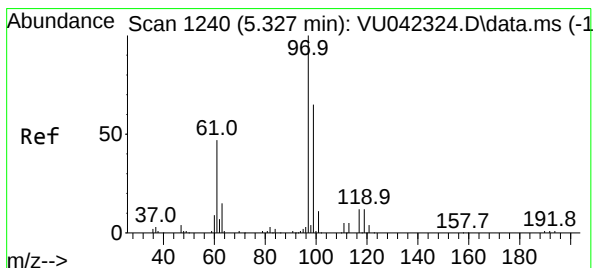
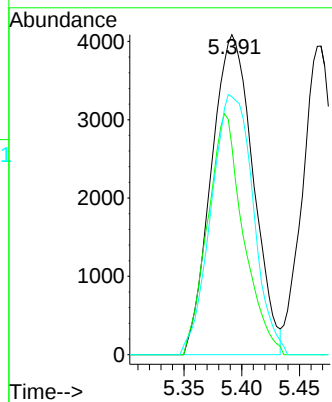
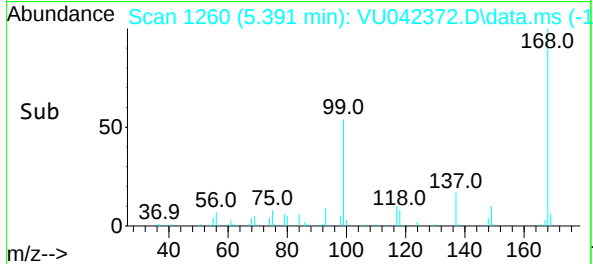




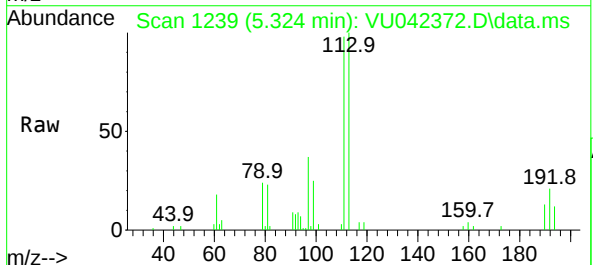
#31
Cyclohexane
Concen: 3.78 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



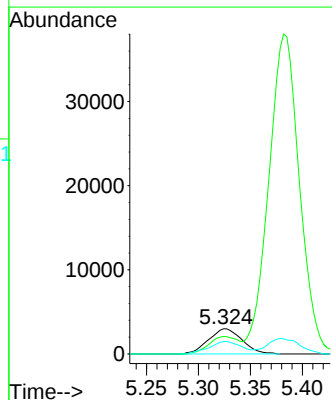
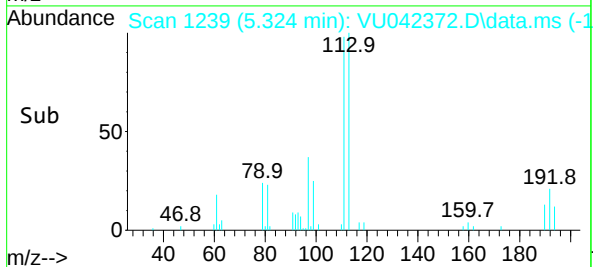
Tgt Ion: 56 Resp: 10299
Ion Ratio Lower Upper
56 100
69 65.2 24.9 37.3#
84 80.6 63.7 95.5



#32
1,1,1-Trichloroethane
Concen: 2.63 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



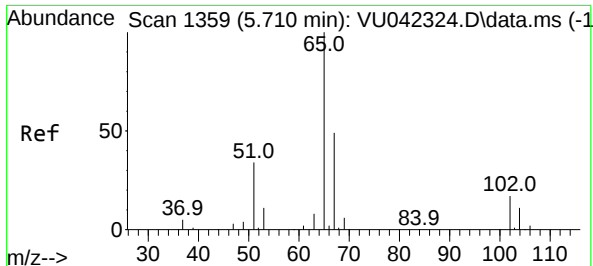
Tgt Ion: 97 Resp: 6711
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 48.1 37.4 56.2



Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



#33

1,2-Dichloroethane-d4

Concen: 54.39 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU042372.D

Acq: 19 Feb 2021 19:22

Tgt Ion: 65 Resp: 113052

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

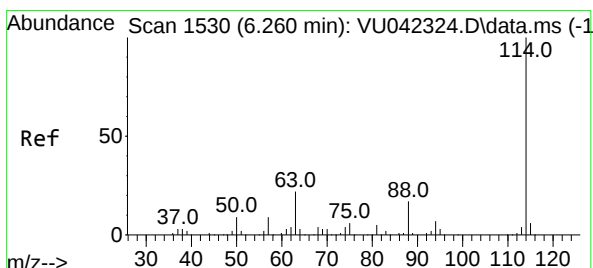
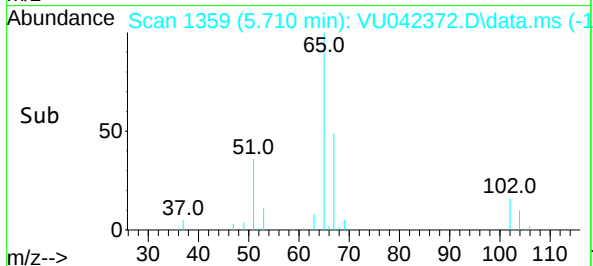
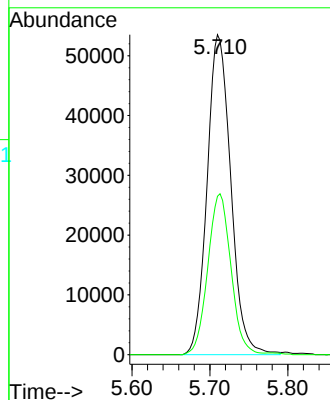
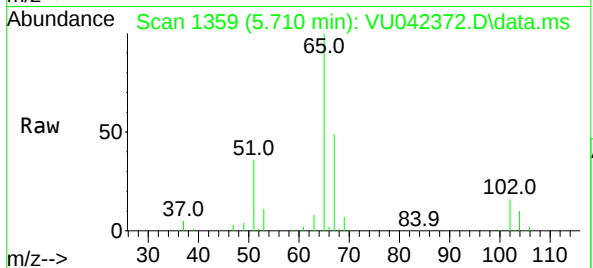
MDL13

Manual Integrations

APPROVED

MMDadoda

2/22/2021 12:34:15 PM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.260 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VU042372.D

Acq: 19 Feb 2021 19:22

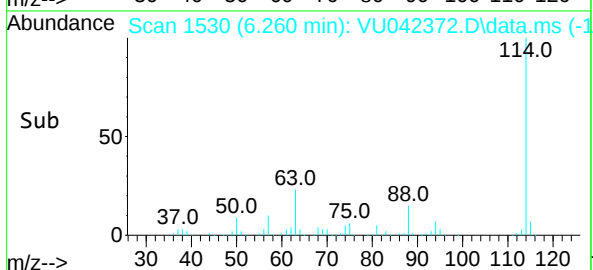
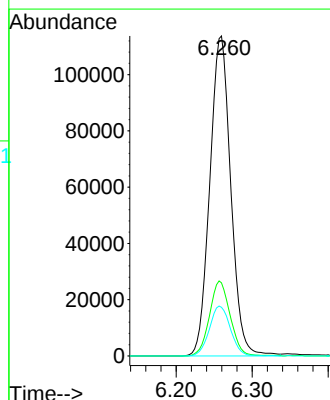
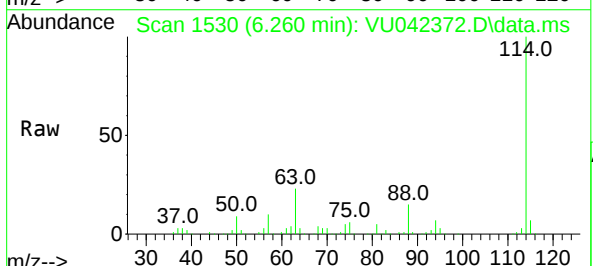
Tgt Ion: 114 Resp: 217649

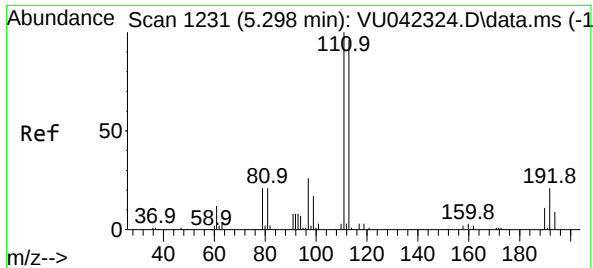
Ion Ratio Lower Upper

114 100

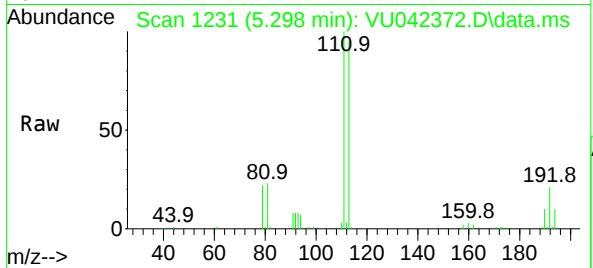
63 22.8 0.0 44.2

88 15.2 0.0 33.4

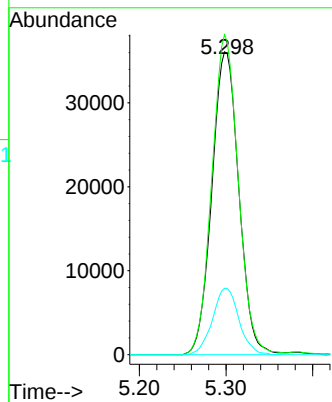
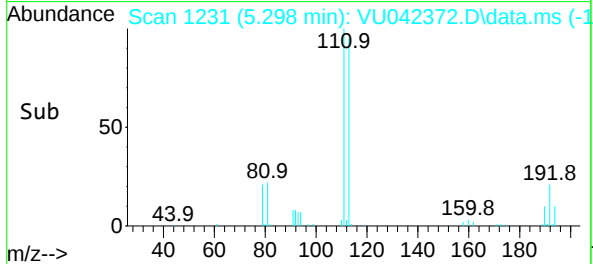




#35
Dibromofluoromethane
Concen: 50.75 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



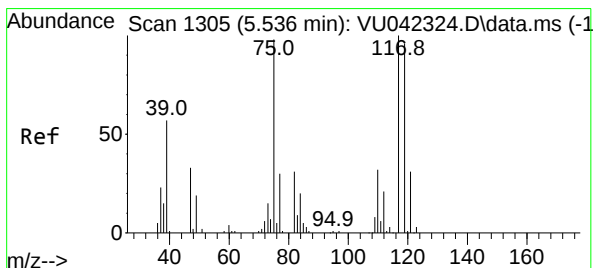
Tgt Ion: 113 Resp: 77960
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 21.5 17.2 25.8



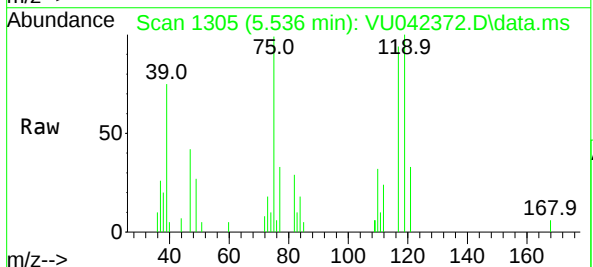
Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

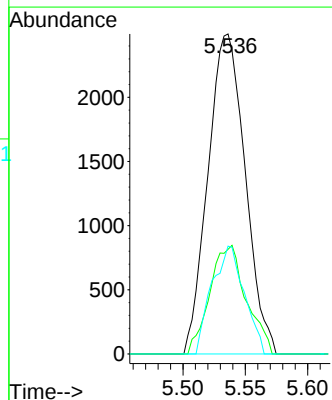
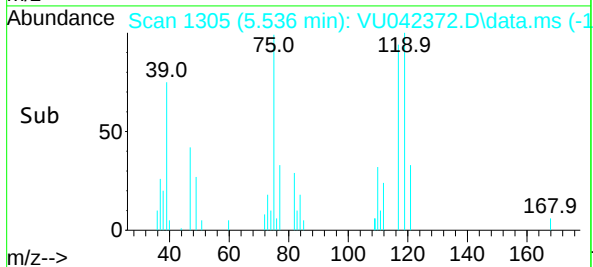
MMDadoda
2/22/2021 12:34:15 PM

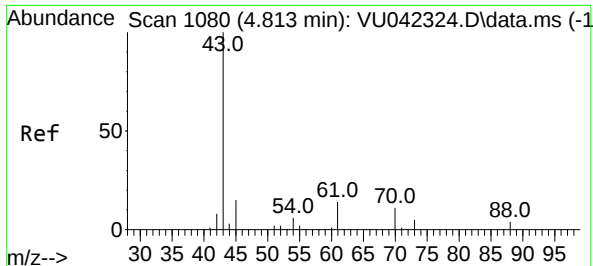


#36
1,1-Dichloropropene
Concen: 2.41 ug/l
RT: 5.536 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion: 75 Resp: 5184
Ion Ratio Lower Upper
75 100
110 33.2 16.8 50.3
77 29.4 24.8 37.2





#37

Ethyl Acetate

Concen: 2.15 ug/l

RT: 4.819 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VU042372.D

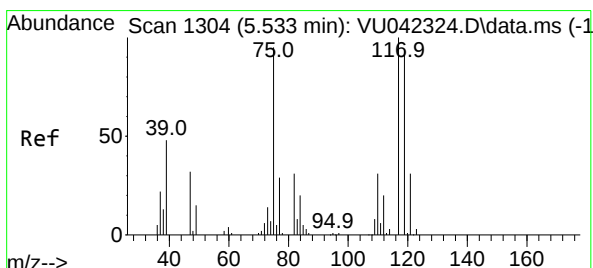
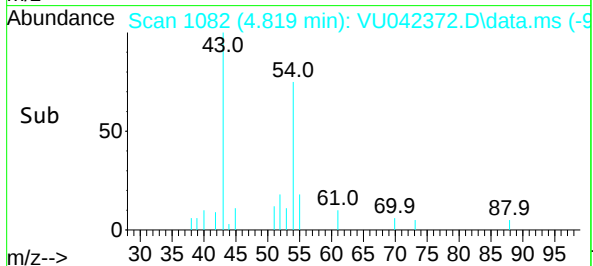
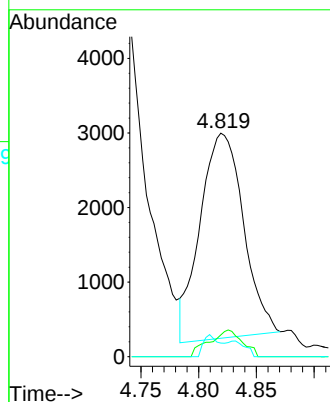
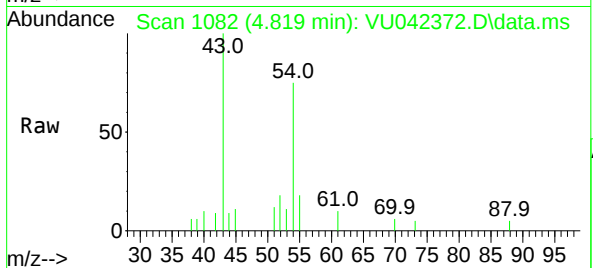
Acq: 19 Feb 2021 19:22

Tgt Ion:	43	Resp:	7182
Ion	Ratio	Lower	Upper
43	100		
61	9.9	10.1	15.1#
70	4.1	7.2	10.8#

Instrument :
MSVOA_U
ClientSampled :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



#38

Carbon Tetrachloride

Concen: 2.43 ug/l

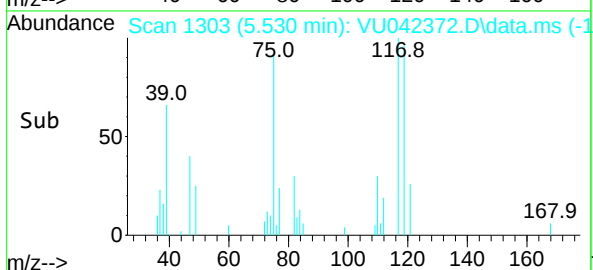
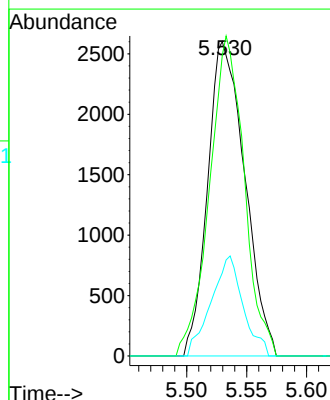
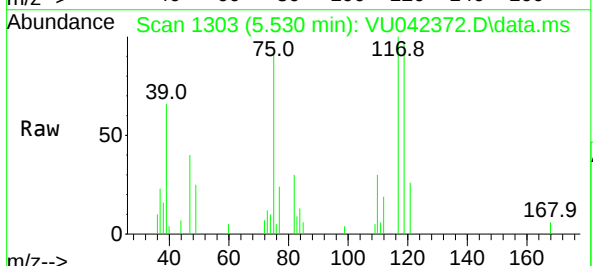
RT: 5.530 min Scan# 1303

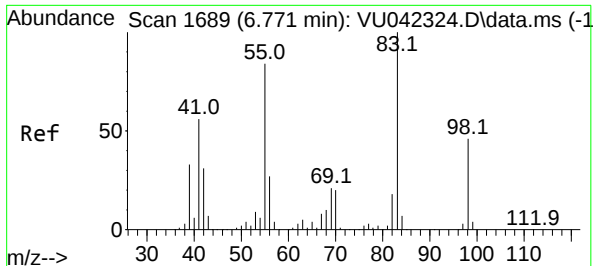
Delta R.T. -0.003 min

Lab File: VU042372.D

Acq: 19 Feb 2021 19:22

Tgt Ion:	117	Resp:	5594
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.5	113.3
121	26.4	24.7	37.1





#39

Methylcyclohexane

Concen: 2.45 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU042372.D

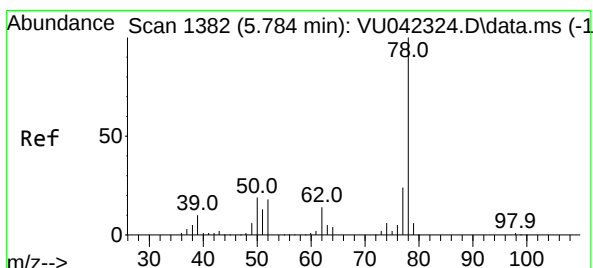
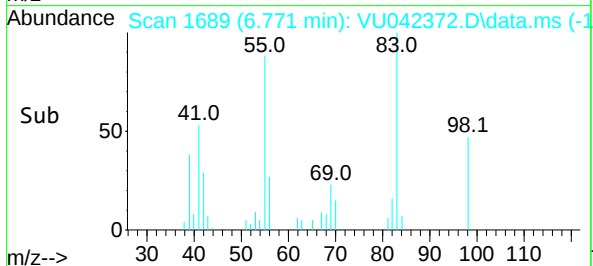
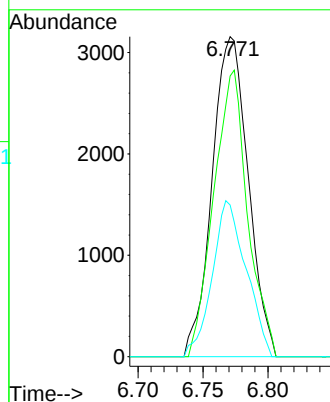
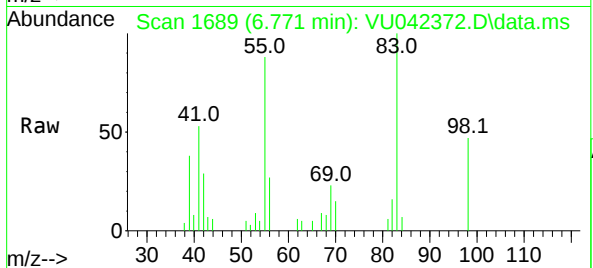
Acq: 19 Feb 2021 19:22

Tgt Ion:	83	Resp:	6098
Ion	Ratio	Lower	Upper
83	100		
55	87.7	66.8	100.2
98	47.4	36.9	55.3

Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



#40

Benzene

Concen: 2.55 ug/l

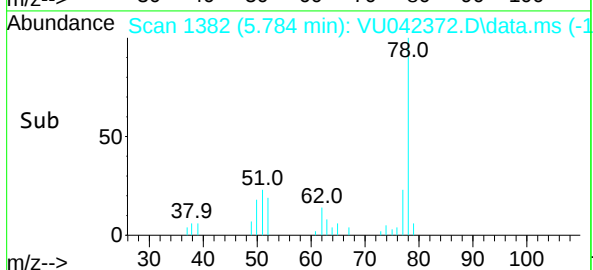
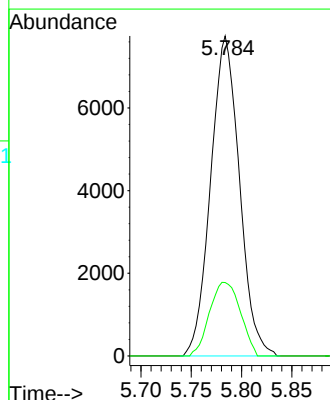
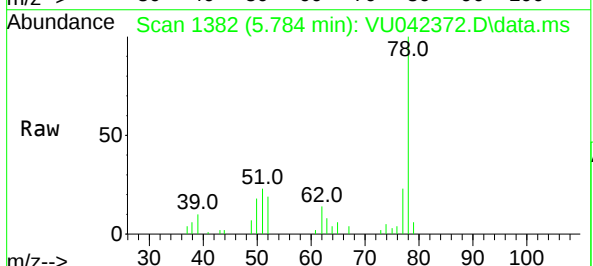
RT: 5.784 min Scan# 1382

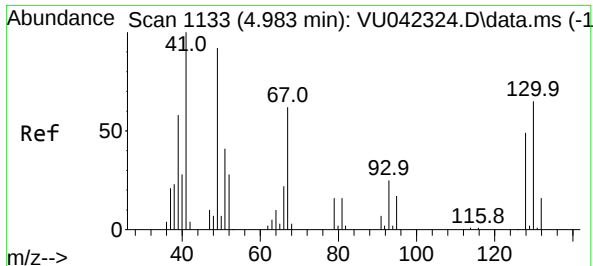
Delta R.T. -0.000 min

Lab File: VU042372.D

Acq: 19 Feb 2021 19:22

Tgt Ion:	78	Resp:	15401
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.3	28.9





#41

Methacrylonitrile

Concen: 2.27 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU042372.D

Acq: 19 Feb 2021 19:22

Tgt Ion: 41 Resp: 3911

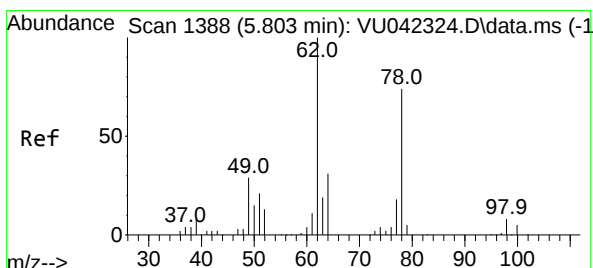
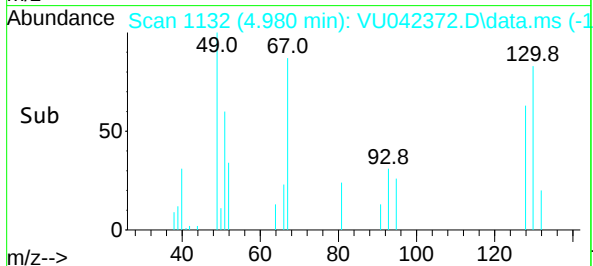
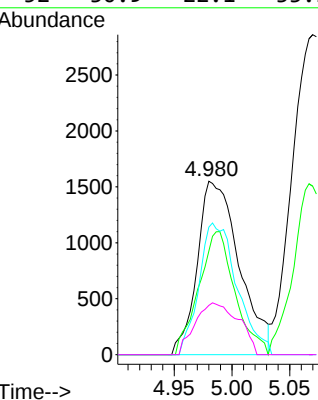
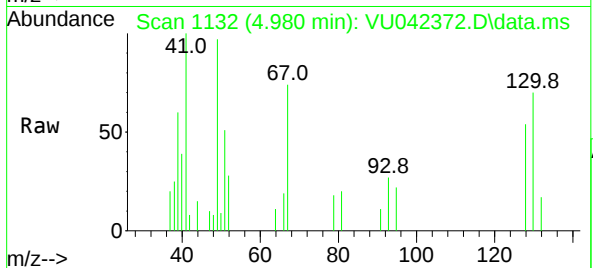
Ion Ratio Lower Upper

41 100

39 61.5 45.1 67.7

67 68.9 50.2 75.2

52 30.9 22.1 33.1



#42

1,2-Dichloroethane

Concen: 2.68 ug/l

RT: 5.803 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VU042372.D

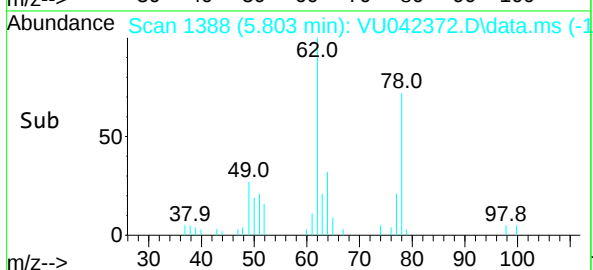
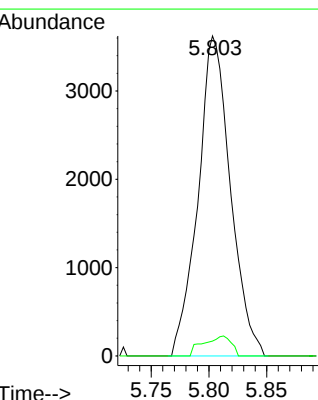
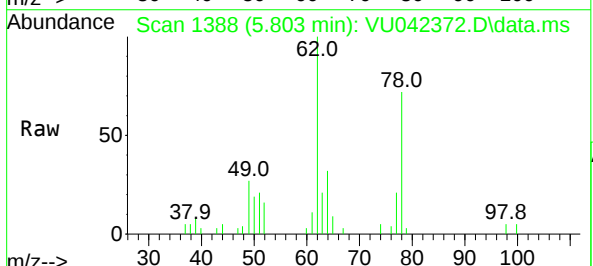
Acq: 19 Feb 2021 19:22

Tgt Ion: 62 Resp: 7056

Ion Ratio Lower Upper

62 100

98 5.4 0.0 14.8



Instrument :

MSVOA_U

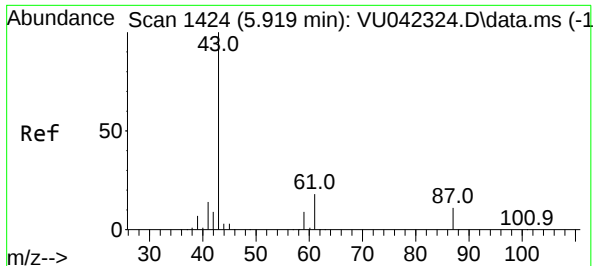
ClientSampleId :

MDL13

Manual Integrations

APPROVED

MMDadoda
2/22/2021 12:34:15 PM



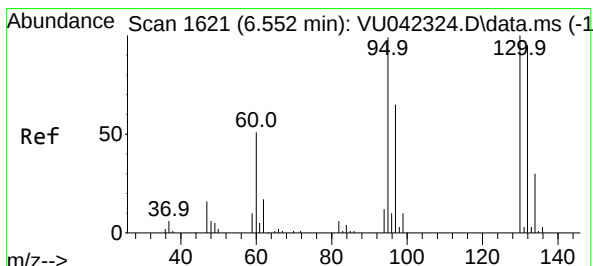
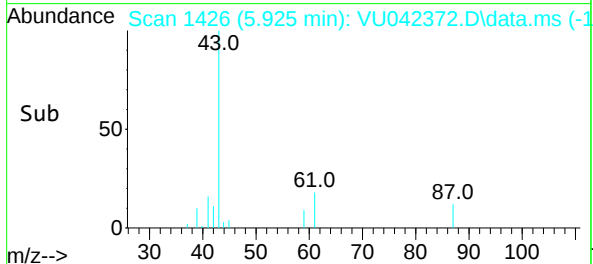
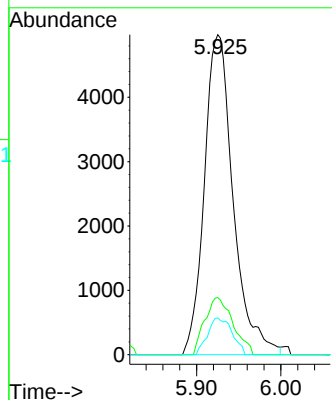
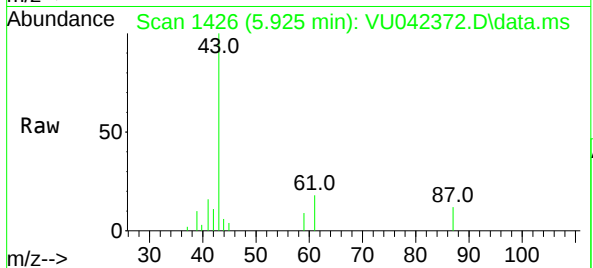
#43
Isopropyl Acetate
Concen: 2.40 ug/l
RT: 5.925 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 43 Resp: 11810
Ion Ratio Lower Upper
43 100
61 17.5 14.4 21.6
87 9.7 8.8 13.2

Instrument :
MSVOA_U
ClientSampleId :
MDL13

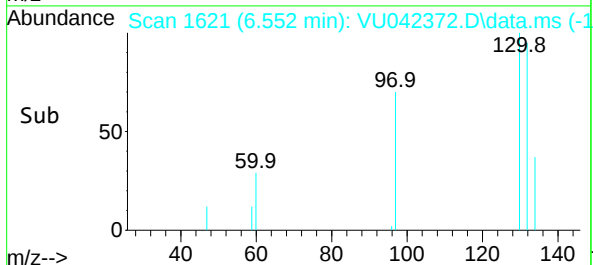
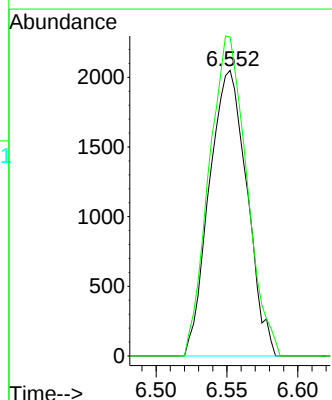
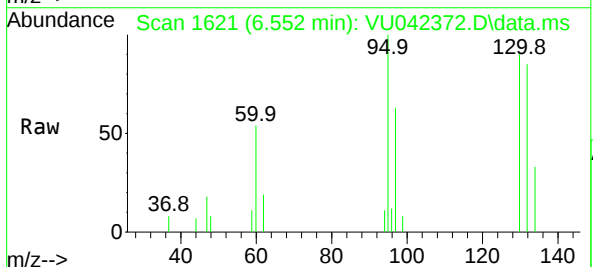
Manual Integrations
APPROVED

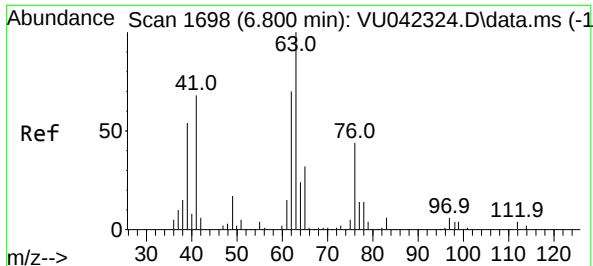
MMDadoda
2/22/2021 12:34:15 PM



#44
Trichloroethene
Concen: 2.36 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion:130 Resp: 3795
Ion Ratio Lower Upper
130 100
95 111.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 2.29 ug/l

RT: 6.800 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VU042372.D

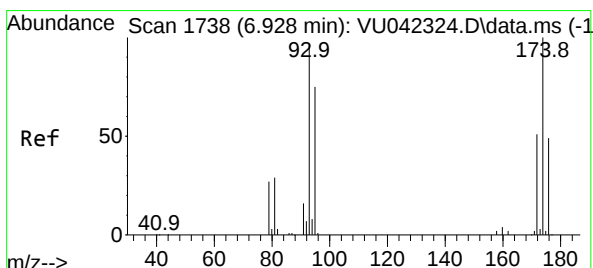
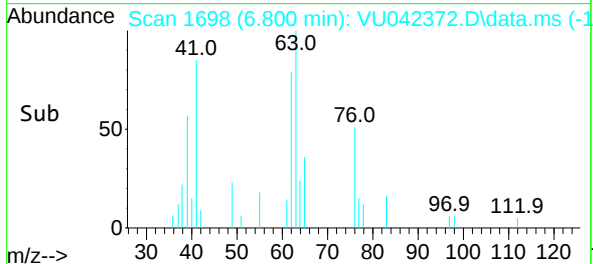
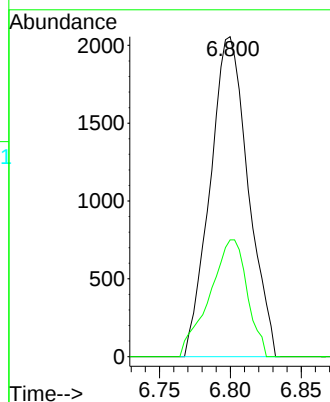
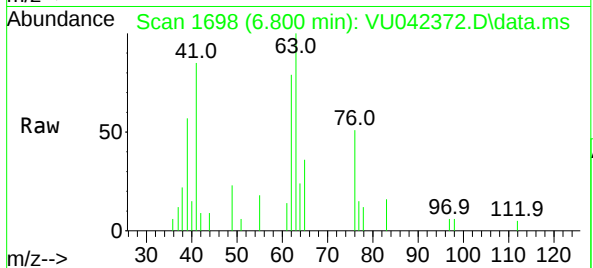
Acq: 19 Feb 2021 19:22

Tgt Ion: 63 Resp: 3840

Ion Ratio Lower Upper

63 100

65 36.5 25.4 38.2



#46

Dibromomethane

Concen: 2.49 ug/l

RT: 6.928 min Scan# 1738

Delta R.T. -0.000 min

Lab File: VU042372.D

Acq: 19 Feb 2021 19:22

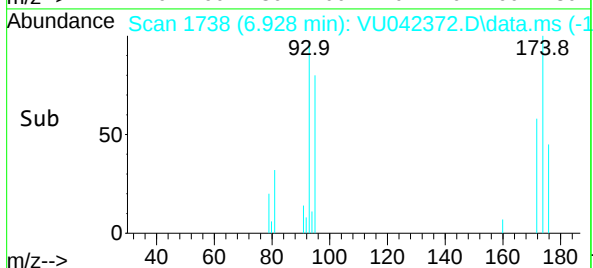
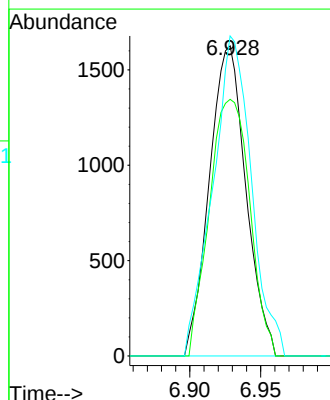
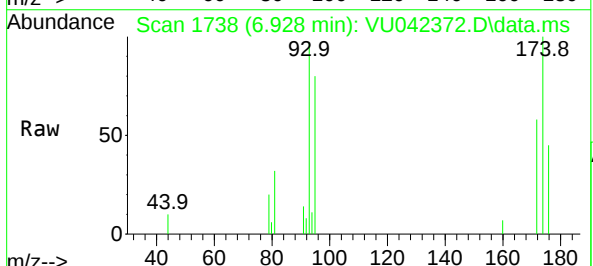
Tgt Ion: 93 Resp: 2919

Ion Ratio Lower Upper

93 100

95 91.6 63.6 95.4

174 109.1 83.4 125.2



Instrument :

MSVOA_U

ClientSampleId :

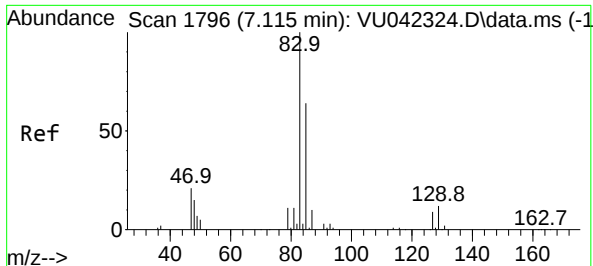
MDL13

Manual Integrations

APPROVED

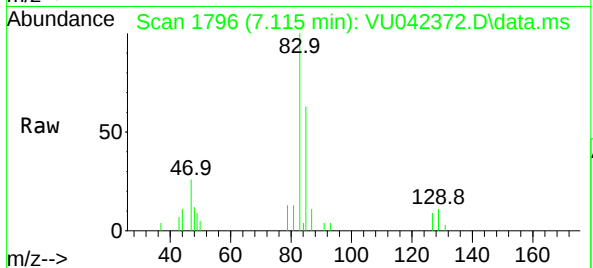
MMDadoda

2/22/2021 12:34:15 PM



#47
Bromodichloromethane
Concen: 2.40 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

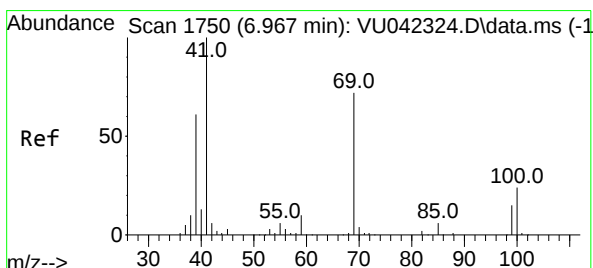
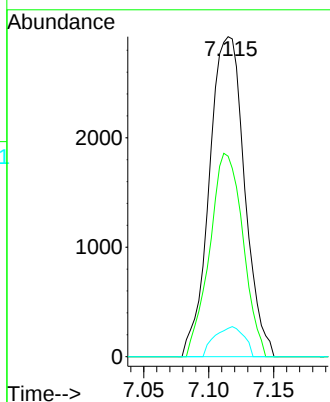
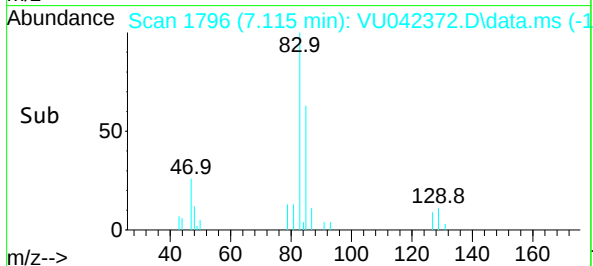
Instrument :
MSVOA_U
ClientSampled :
MDL13



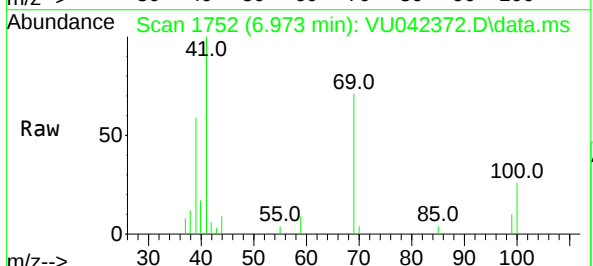
Tgt Ion: 83 Resp: 5503
Ion Ratio Lower Upper
83 100
85 62.7 51.3 76.9
127 8.9 6.9 10.3

Manual Integrations
APPROVED

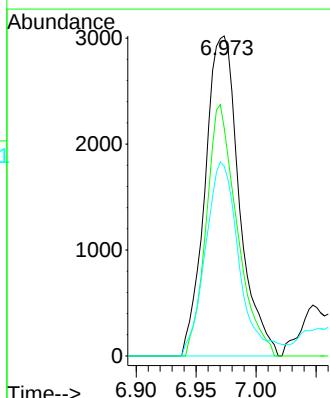
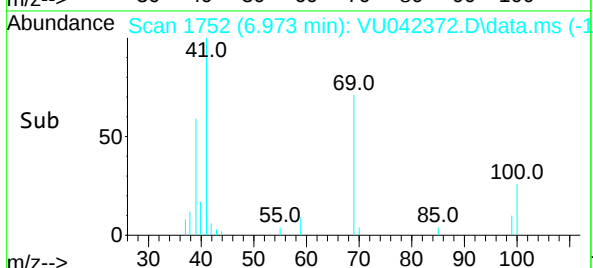
MMDadoda
2/22/2021 12:34:15 PM

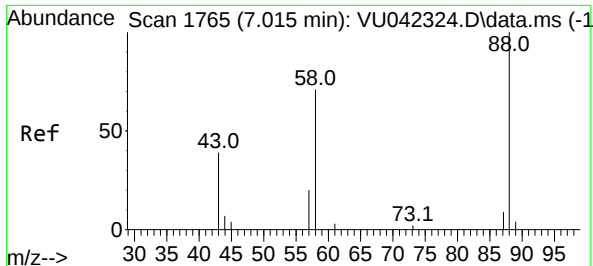


#48
Methyl methacrylate
Concen: 2.46 ug/l
RT: 6.973 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion: 41 Resp: 5982
Ion Ratio Lower Upper
41 100
69 70.7 57.0 85.6
39 60.4 48.4 72.6





#49

1,4-Dioxane

Concen: 46.74 ug/l m

RT: 7.006 min Scan# 1762

Delta R.T. -0.010 min

Lab File: VU042372.D

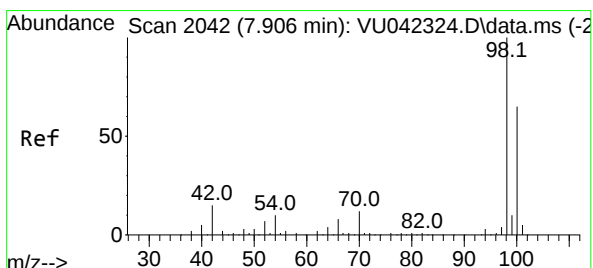
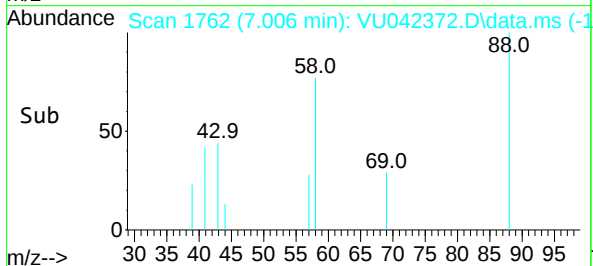
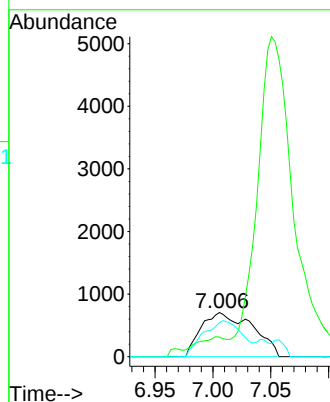
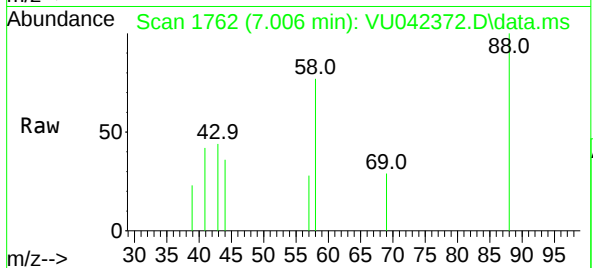
Acq: 19 Feb 2021 19:22

Tgt Ion:	88	Resp:	2183
Ion	Ratio	Lower	Upper
88	100		
43	16.4	0.0	0.0#
58	60.9	60.4	90.6

Instrument :
MSVOA_U
ClientSampled :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



#50

Toluene-d8

Concen: 49.73 ug/l

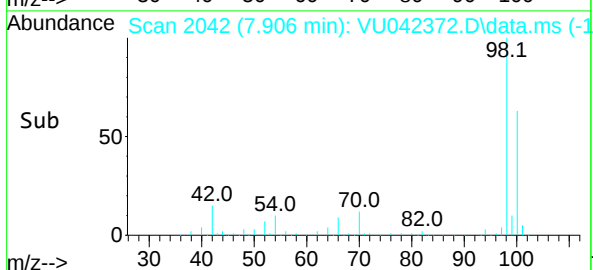
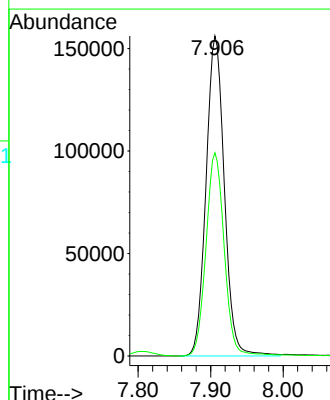
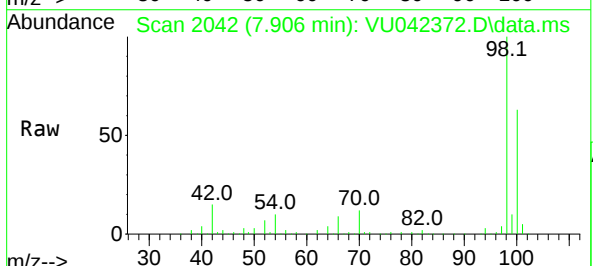
RT: 7.906 min Scan# 2042

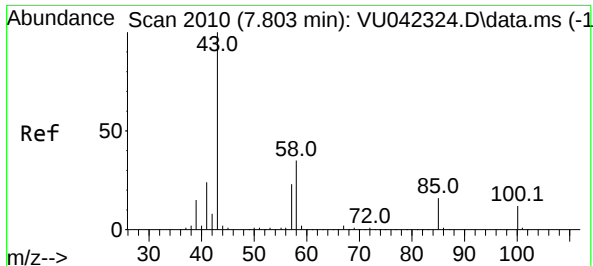
Delta R.T. -0.000 min

Lab File: VU042372.D

Acq: 19 Feb 2021 19:22

Tgt Ion:	98	Resp:	273629
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.2	75.2





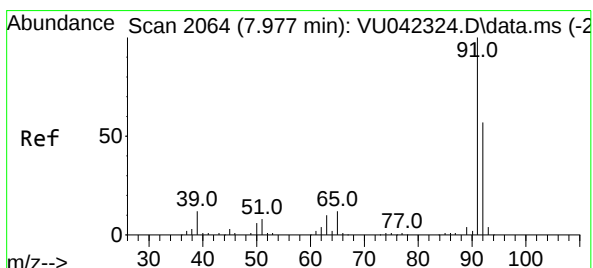
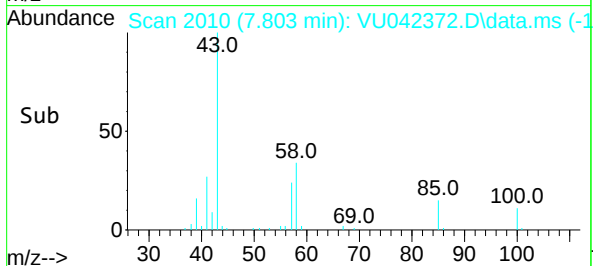
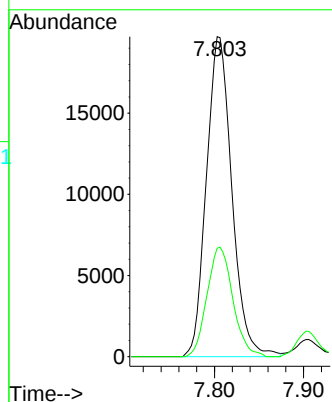
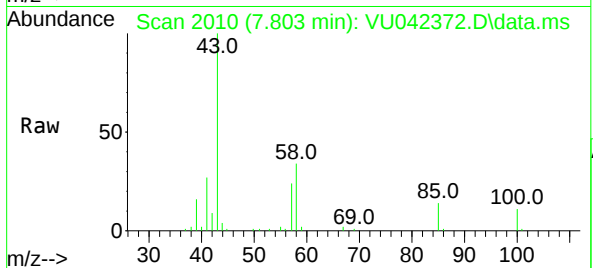
#51
4-Methyl-2-Pentanone
Concen: 11.76 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 43 Resp: 39143
Ion Ratio Lower Upper
43 100
58 34.7 28.1 42.1

Instrument :
MSVOA_U
ClientSampleId :
MDL13

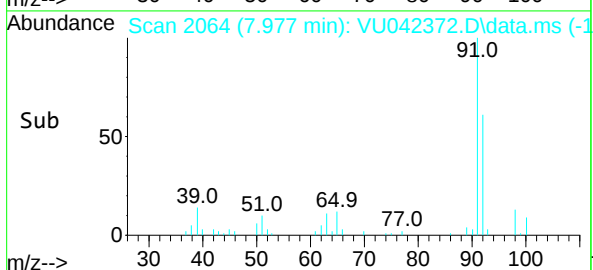
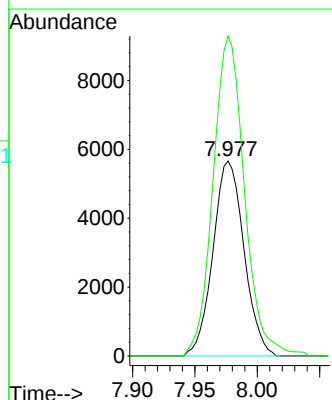
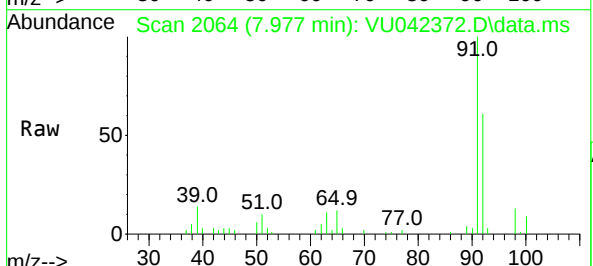
Manual Integrations
APPROVED

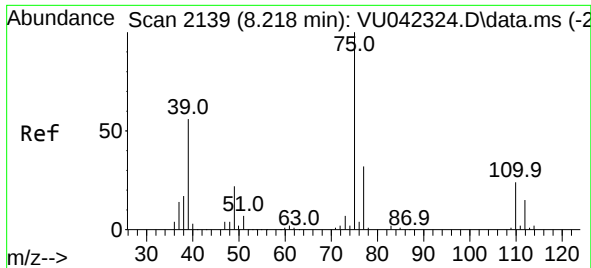
MMDadoda
2/22/2021 12:34:15 PM



#52
Toluene
Concen: 2.63 ug/l
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 92 Resp: 9803
Ion Ratio Lower Upper
92 100
91 166.2 140.3 210.5





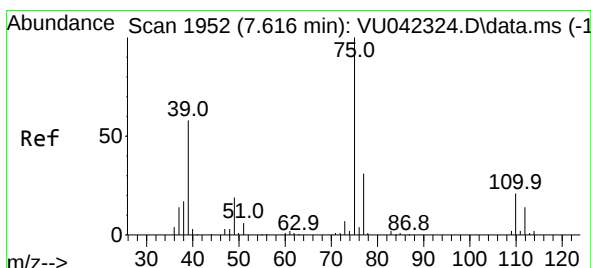
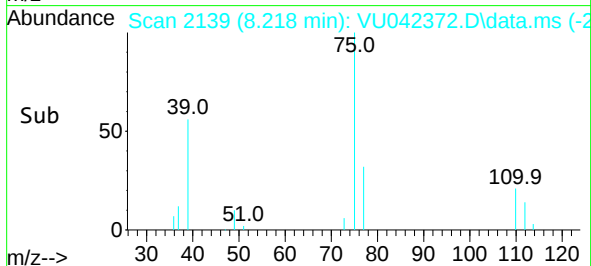
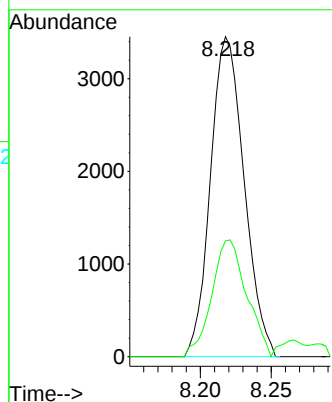
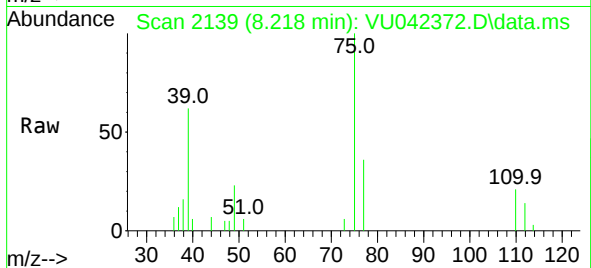
#53
 t-1,3-Dichloropropene
 Concen: 2.26 ug/l
 RT: 8.218 min Scan# 2139
 Delta R.T. -0.000 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

Tgt Ion: 75 Resp: 5703
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.6 38.4

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL13

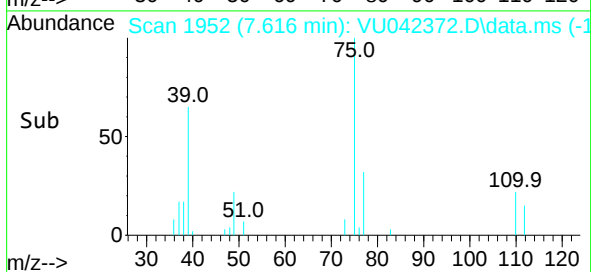
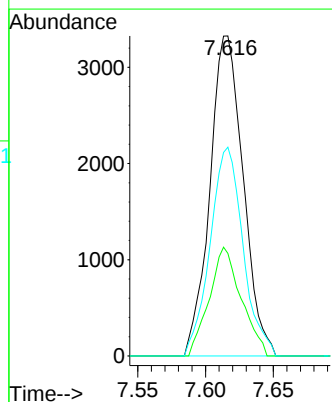
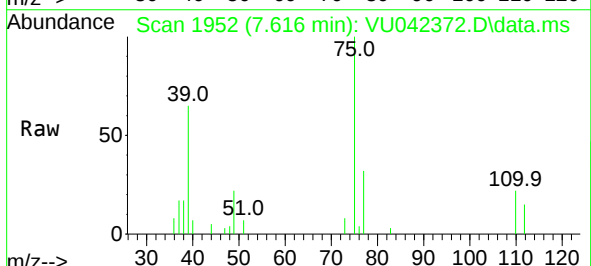
Manual Integrations
 APPROVED

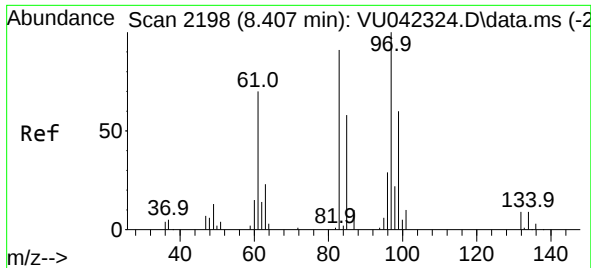
MMDadoda
 2/22/2021 12:34:15 PM



#54
 cis-1,3-Dichloropropene
 Concen: 2.12 ug/l
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

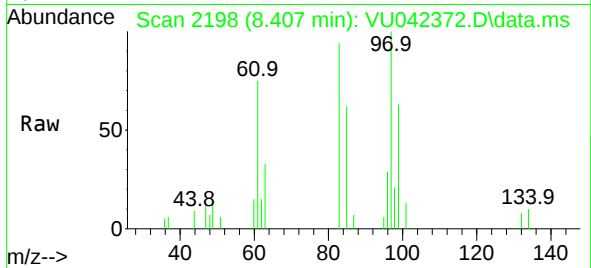
Tgt Ion: 75 Resp: 5685
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0
 39 65.2 46.1 69.1





#55
1,1,2-Trichloroethane
Concen: 2.49 ug/l
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

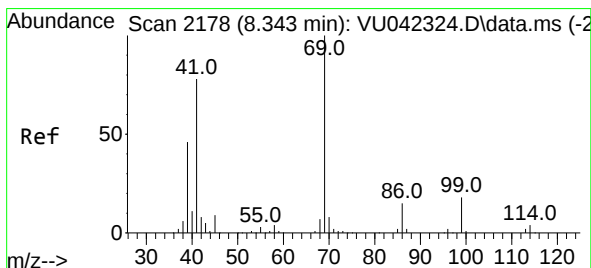
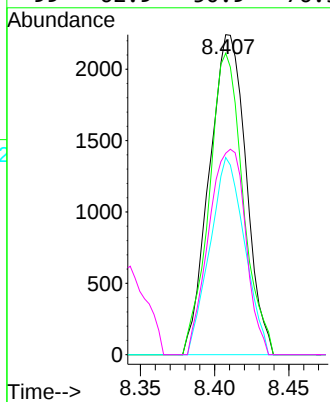
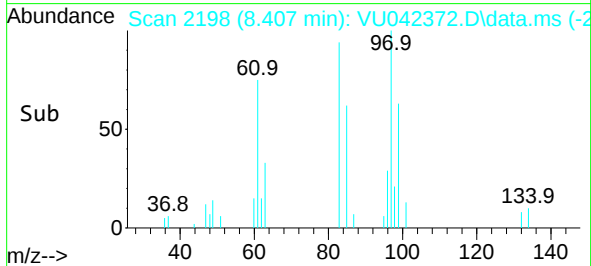
Instrument :
MSVOA_U
ClientSampleId :
MDL13



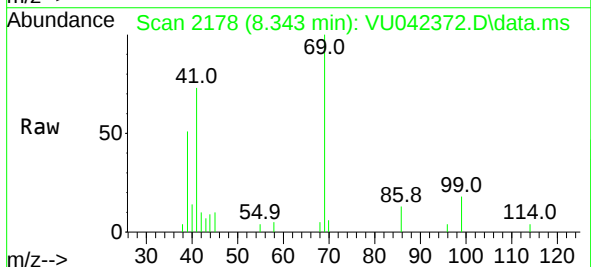
Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.2	72.6	109.0
85	61.6	46.6	69.8
99	62.9	50.9	76.3

Manual Integrations
APPROVED

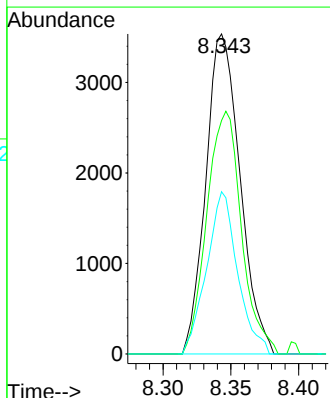
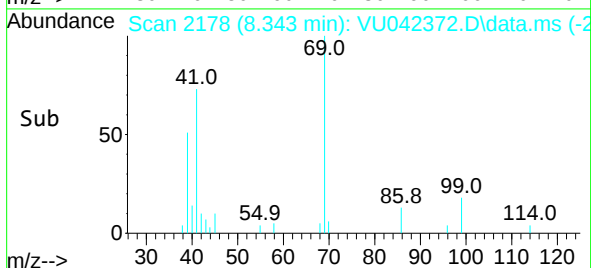
MMDadoda
2/22/2021 12:34:15 PM

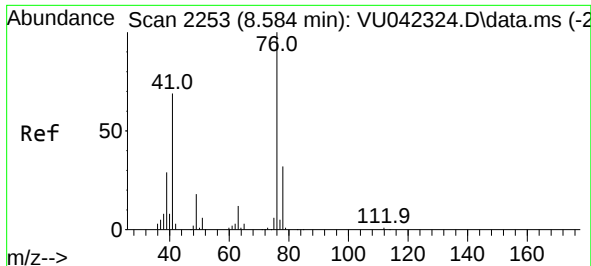


#56
Ethyl methacrylate
Concen: 2.34 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.6	62.8	94.2
39	45.9	36.2	54.2





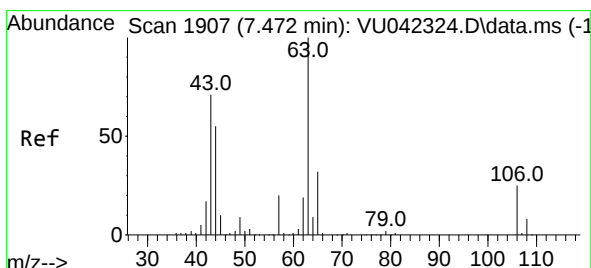
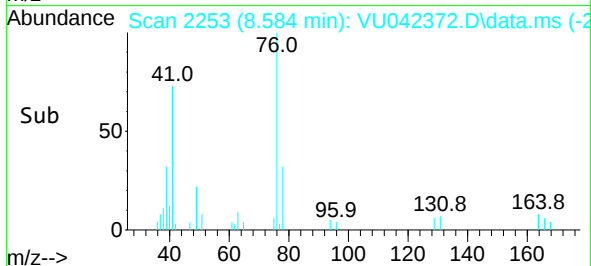
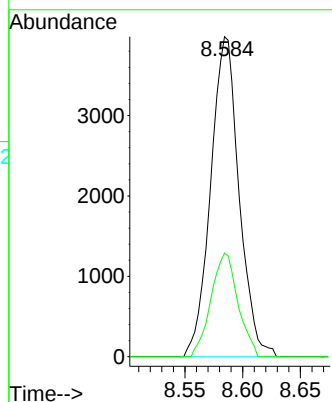
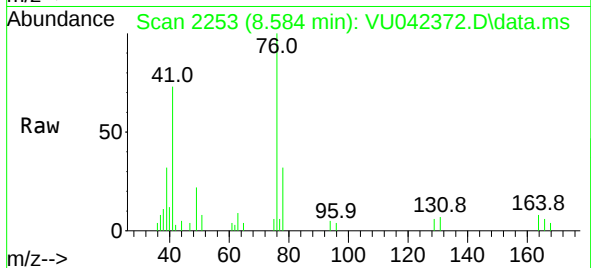
#57
1,3-Dichloropropane
Concen: 2.51 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 76 Resp: 6810
Ion Ratio Lower Upper
76 100
78 30.7 25.7 38.5

Instrument :
MSVOA_U
ClientSampled :
MDL13

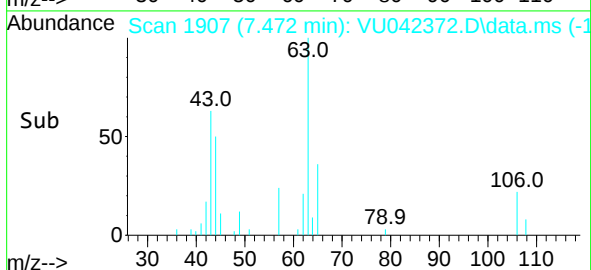
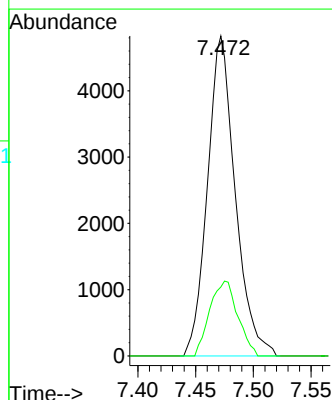
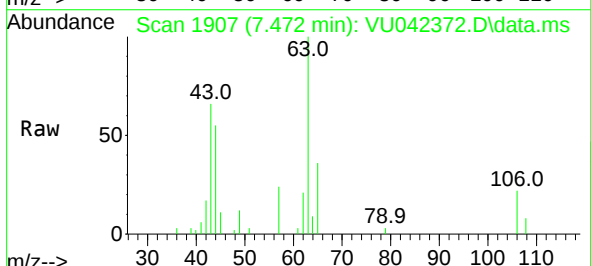
Manual Integrations
APPROVED

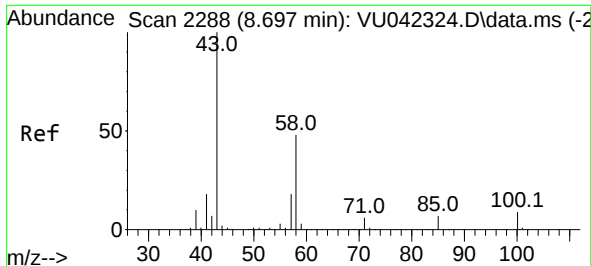
MMDadoda
2/22/2021 12:34:15 PM



#58
2-Chloroethyl Vinyl ether
Concen: 9.04 ug/l
RT: 7.472 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 63 Resp: 8084
Ion Ratio Lower Upper
63 100
106 23.5 20.3 30.5





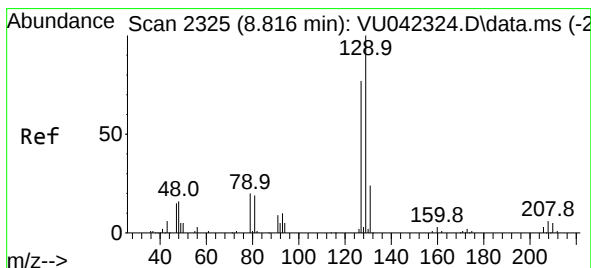
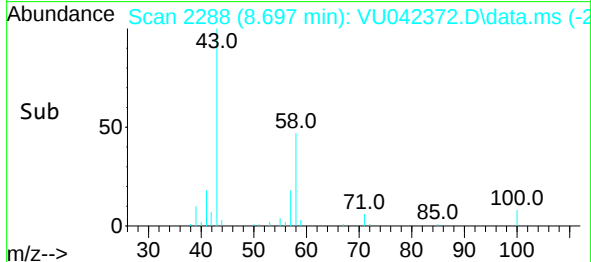
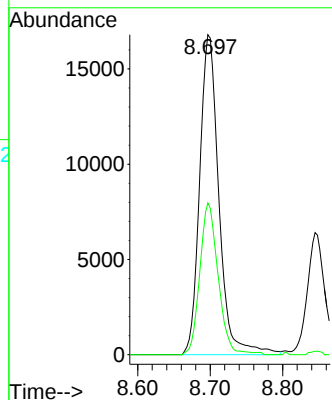
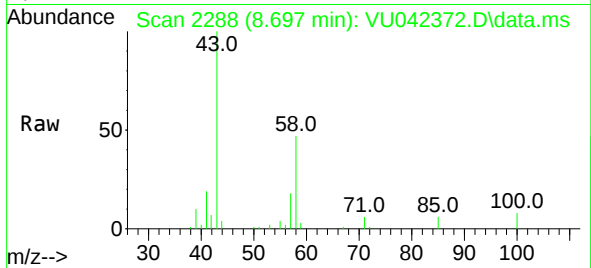
#59
2-Hexanone
Concen: 11.64 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 43 Resp: 30955
Ion Ratio Lower Upper
43 100
58 45.0 24.0 72.0

Instrument :
MSVOA_U
ClientSampled :
MDL13

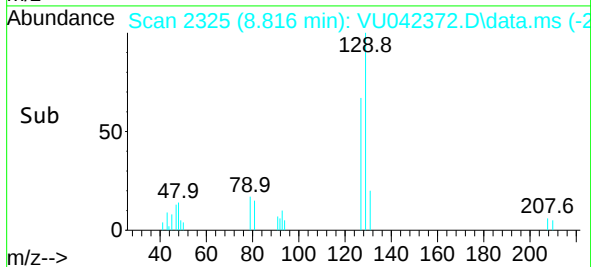
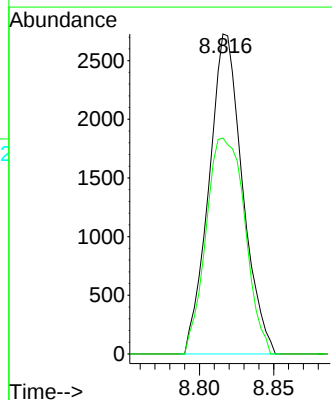
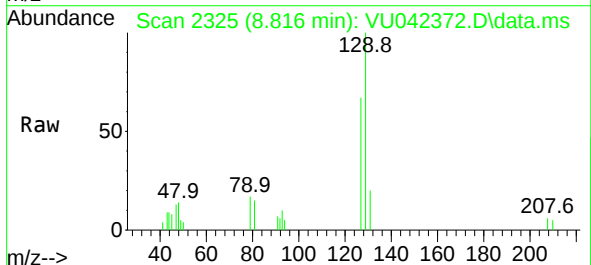
Manual Integrations
APPROVED

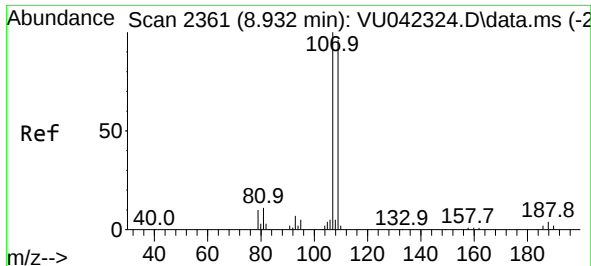
MMDadoda
2/22/2021 12:34:15 PM



#60
Dibromochloromethane
Concen: 2.37 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

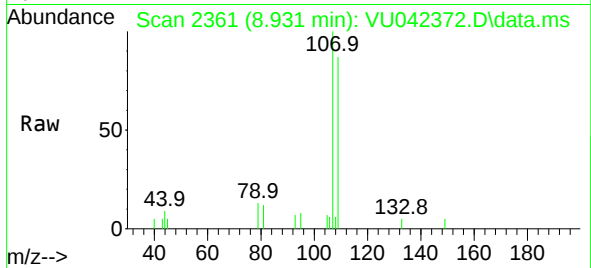
Tgt Ion: 129 Resp: 4287
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 2.42 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

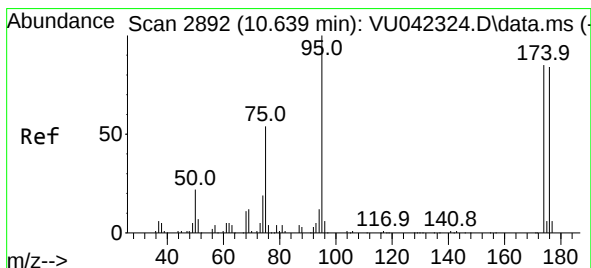
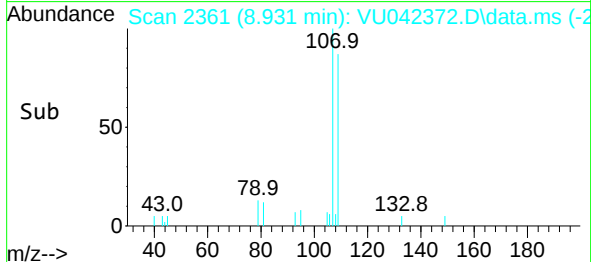
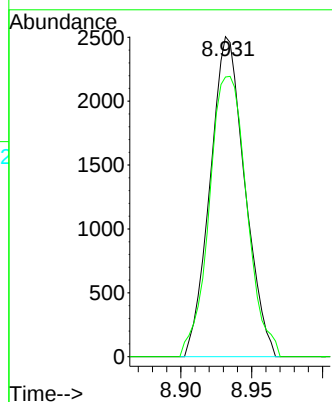
Instrument :
MSVOA_U
ClientSampleId :
MDL13



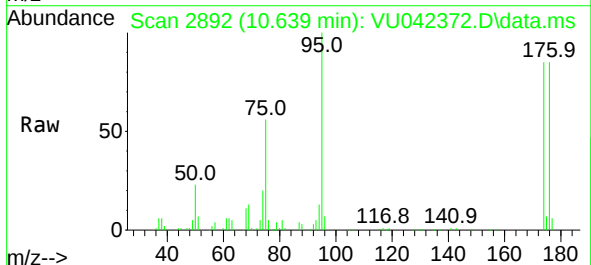
Tgt Ion:107 Resp: 4263
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9

Manual Integrations
APPROVED

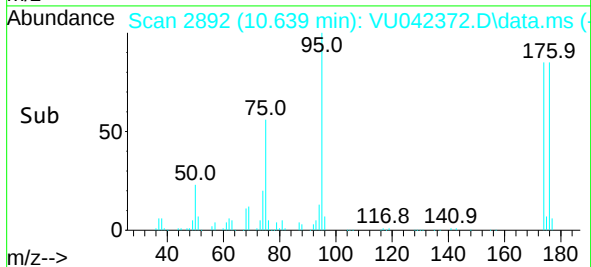
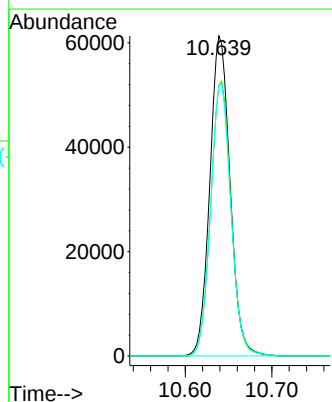
MMDadoda
2/22/2021 12:34:15 PM

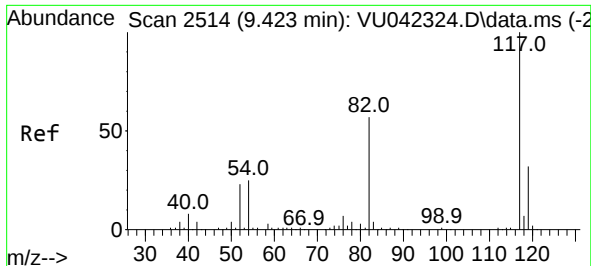


#62
4-Bromofluorobenzene
Concen: 45.98 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

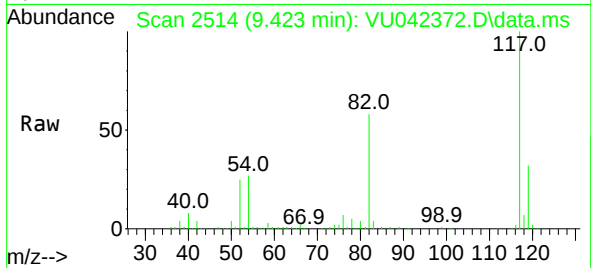


Tgt Ion: 95 Resp: 99714
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 85.0 0.0 168.8

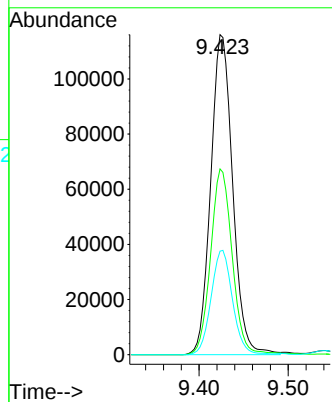
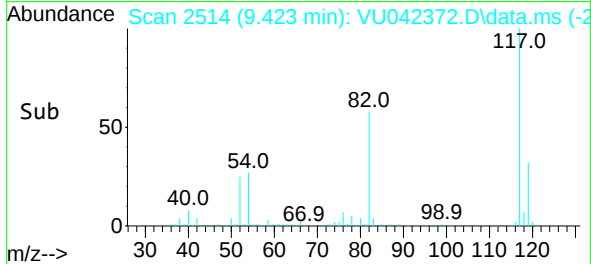




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



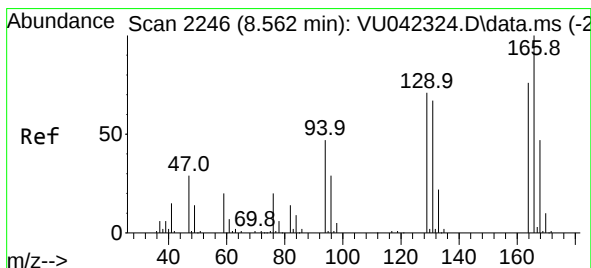
Tgt Ion:117 Resp: 198222
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 32.4 25.8 38.8



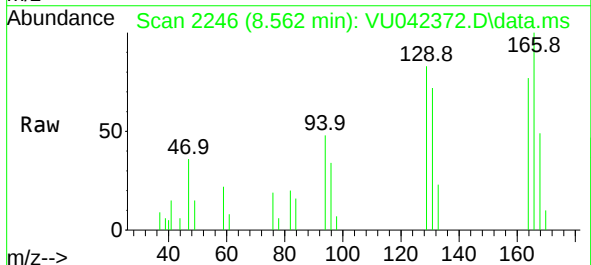
Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

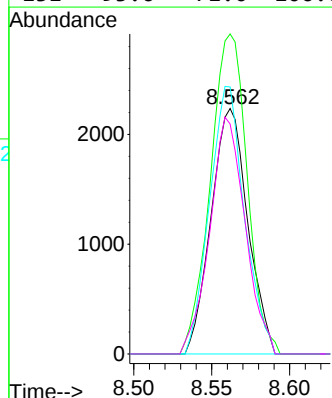
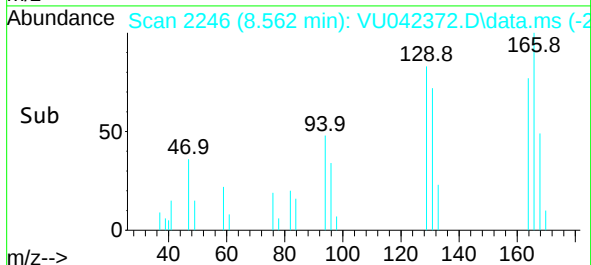
MMDadoda
2/22/2021 12:34:15 PM

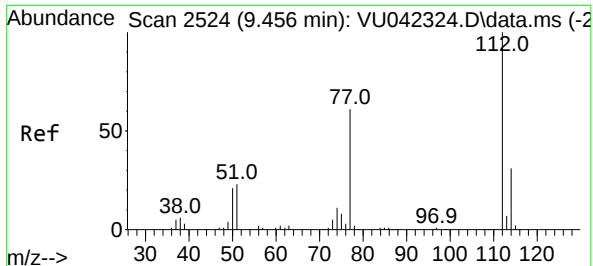


#64
Tetrachloroethene
Concen: 2.45 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion:164 Resp: 3658
Ion Ratio Lower Upper
164 100
166 130.4 105.3 157.9
129 108.8 75.0 112.6
131 93.6 71.0 106.6





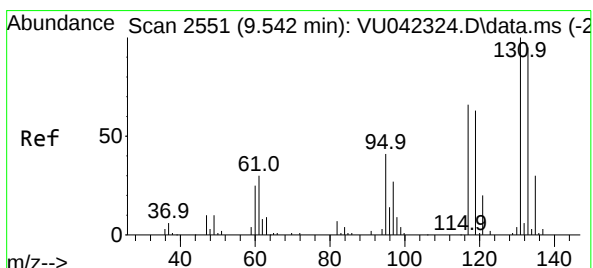
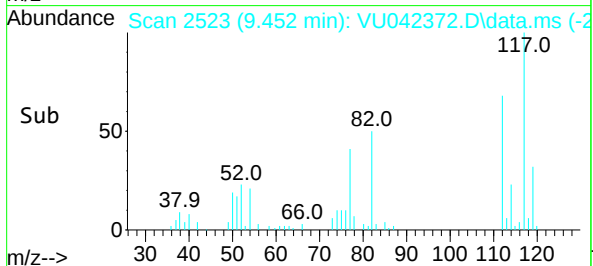
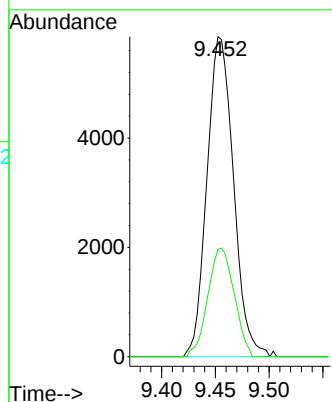
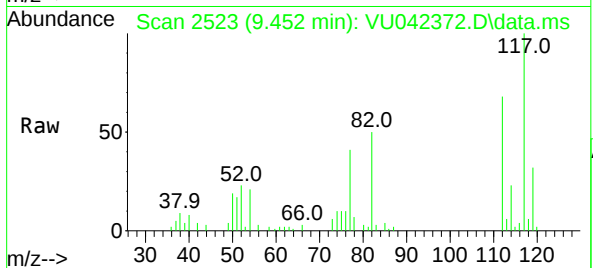
#65
Chlorobenzene
Concen: 2.53 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Instrument :
MSVOA_U
ClientSampled :
MDL13

Tgt Ion:112 Resp: 10054
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.4

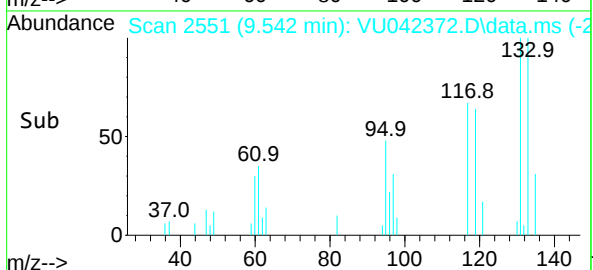
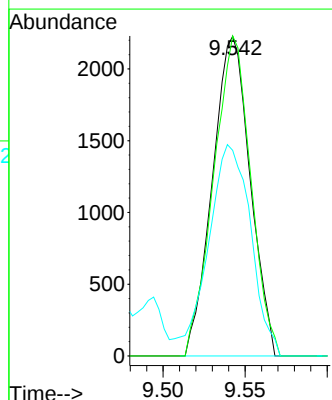
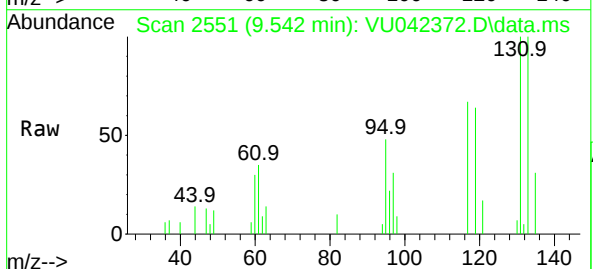
Manual Integrations
APPROVED

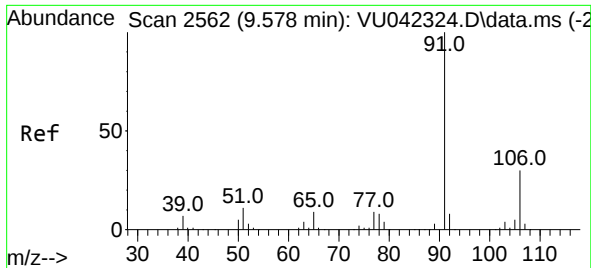
MMDadoda
2/22/2021 12:34:15 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 2.34 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion:131 Resp: 3549
Ion Ratio Lower Upper
131 100
133 98.9 47.6 142.9
119 74.2 31.9 95.5





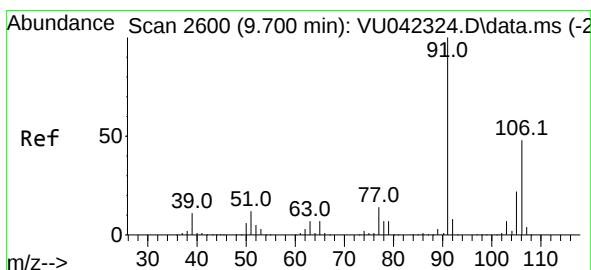
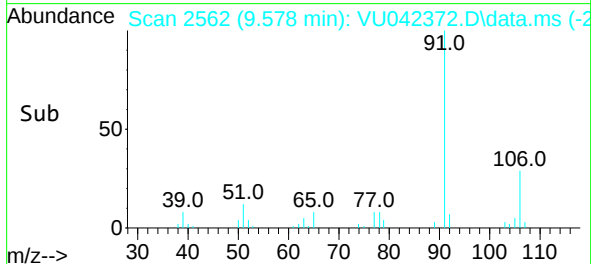
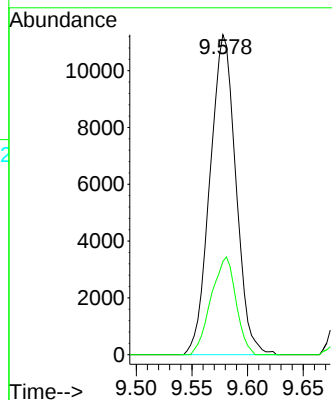
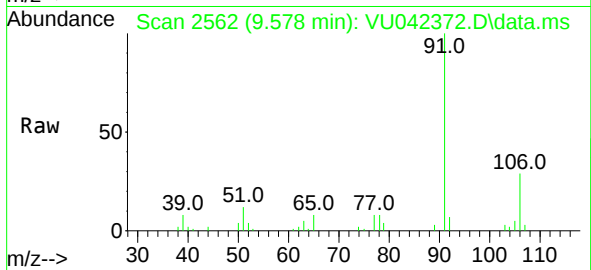
#67
Ethyl Benzene
Concen: 2.54 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Instrument :
MSVOA_U
ClientSampled :
MDL13

Tgt Ion: 91 Resp: 18181
Ion Ratio Lower Upper
91 100
106 29.2 24.1 36.1

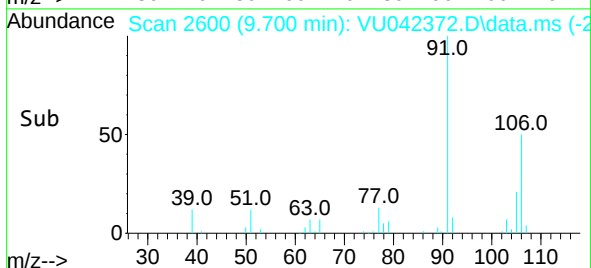
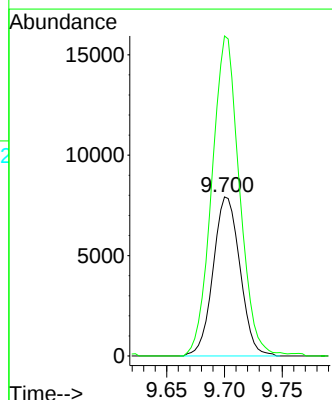
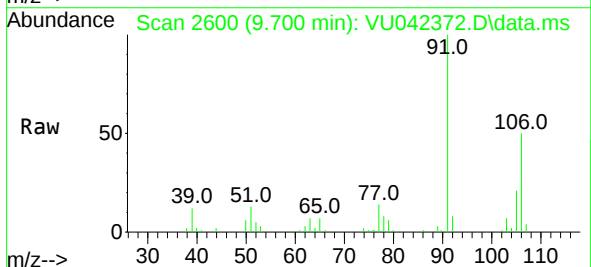
Manual Integrations
APPROVED

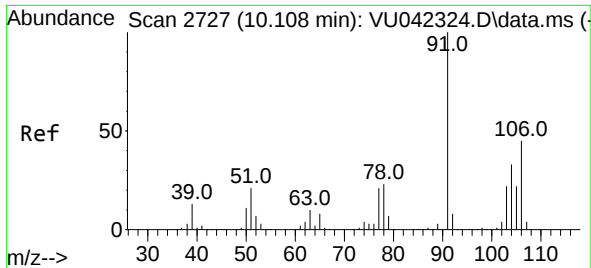
MMDadoda
2/22/2021 12:34:15 PM



#68
m/p-Xylenes
Concen: 4.84 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 106 Resp: 12802
Ion Ratio Lower Upper
106 100
91 207.1 169.9 254.9





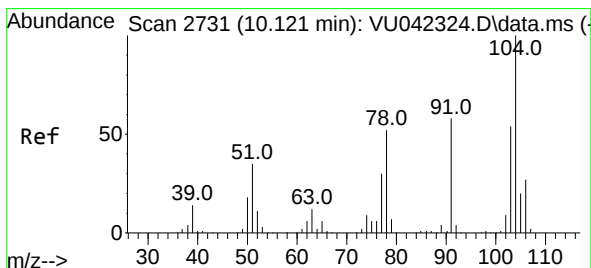
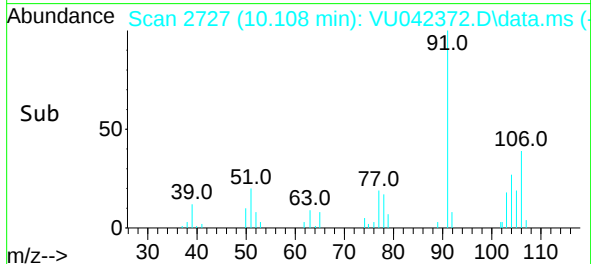
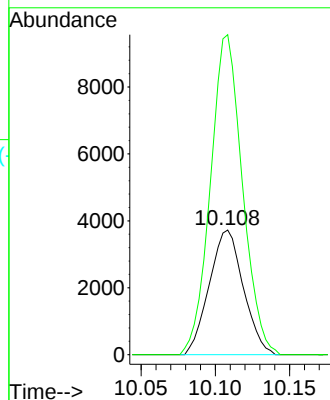
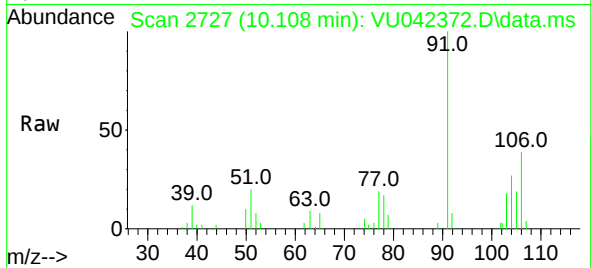
#69
o-Xylene
Concen: 2.30 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion:106 Resp: 5954
Ion Ratio Lower Upper
106 100
91 240.6 111.2 333.6

Instrument :
MSVOA_U
ClientSampled :
MDL13

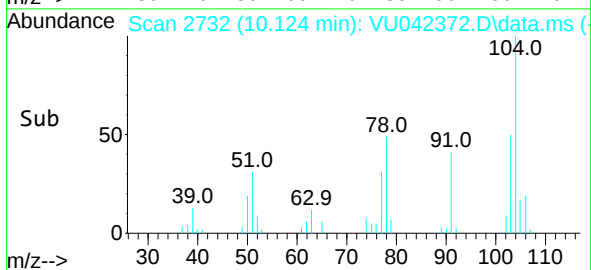
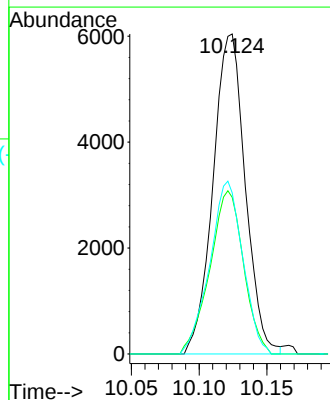
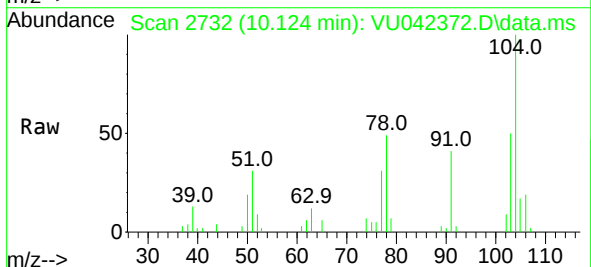
Manual Integrations
APPROVED

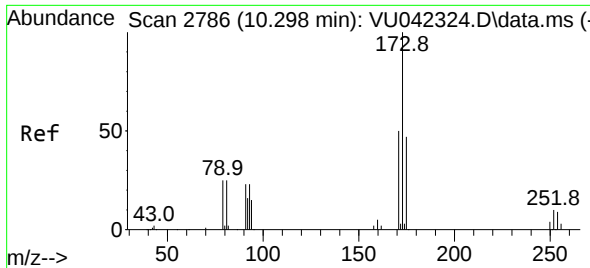
MMDadoda
2/22/2021 12:34:15 PM



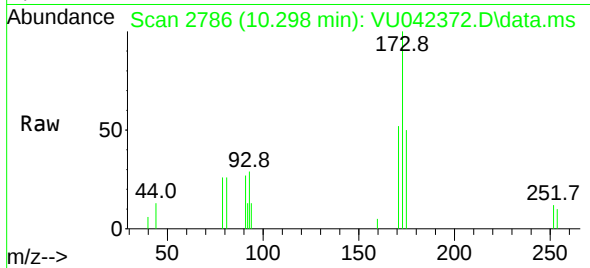
#70
Styrene
Concen: 2.32 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion:104 Resp: 9998
Ion Ratio Lower Upper
104 100
78 53.2 44.8 67.2
103 55.2 45.7 68.5

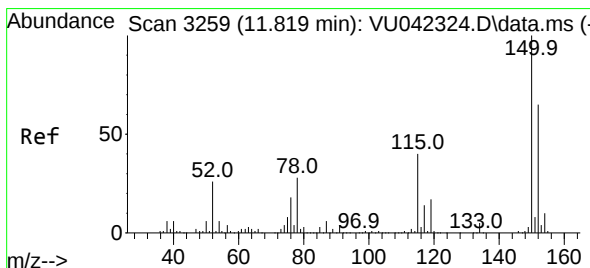
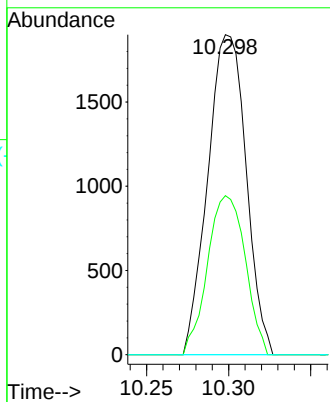
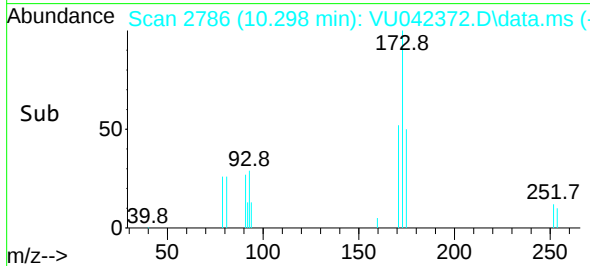




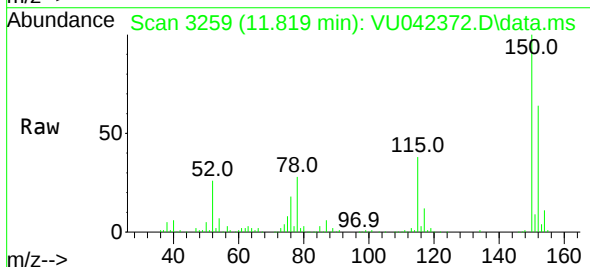
#71
Bromoform
Concen: 2.11 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



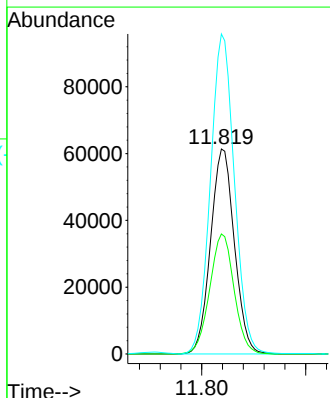
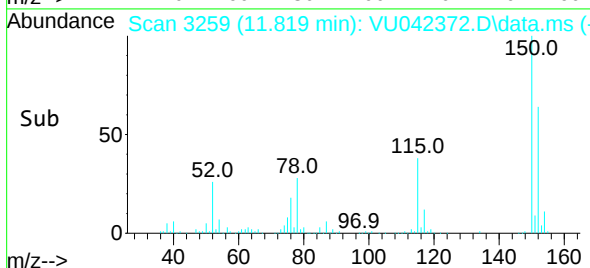
Tgt Ion:173 Resp: 3082
Ion Ratio Lower Upper
173 100
175 48.9 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



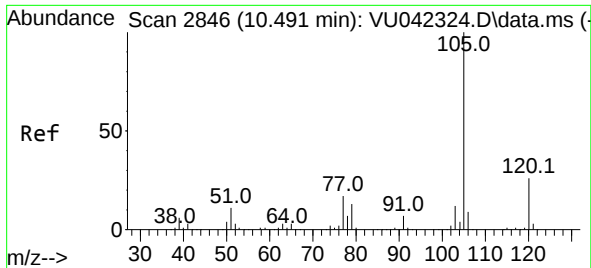
Tgt Ion:152 Resp: 97623
Ion Ratio Lower Upper
152 100
115 59.8 41.5 124.6
150 157.2 0.0 342.4



Instrument :
MSVOA_U
ClientSampled :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



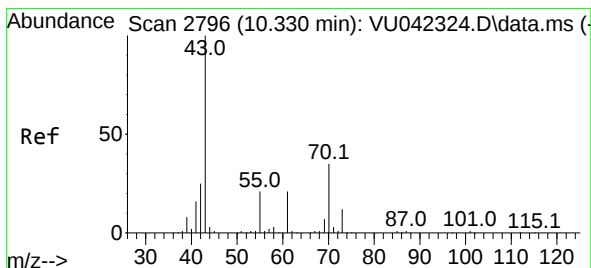
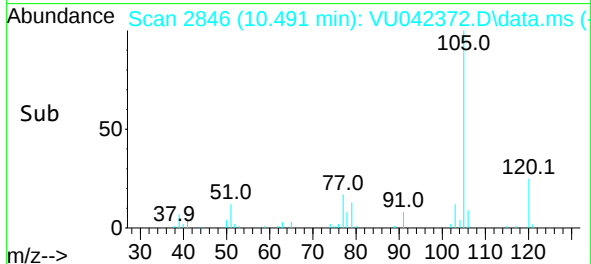
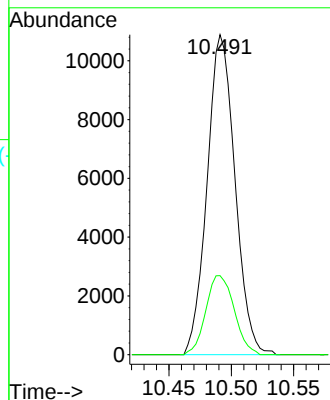
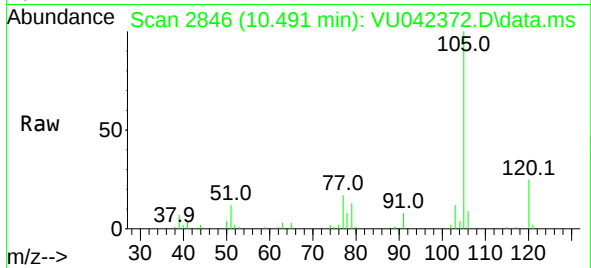
#73
Isopropylbenzene
Concen: 2.60 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 105 Resp: 16951
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.3

Instrument :
MSVOA_U
ClientSampled :
MDL13

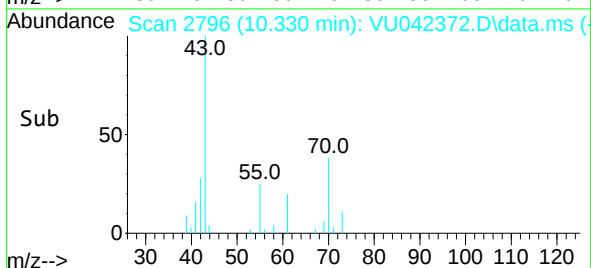
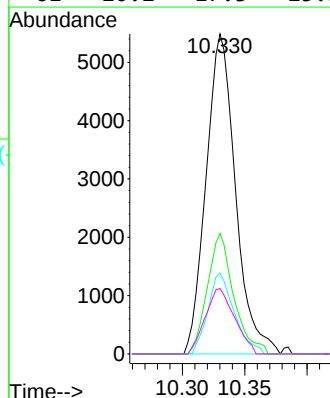
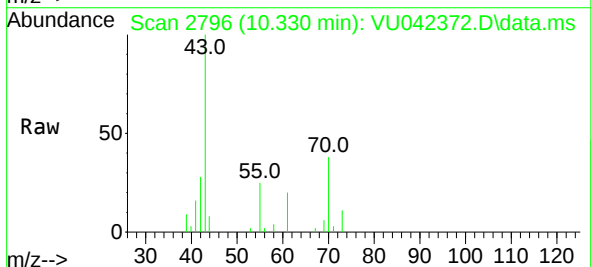
Manual Integrations
APPROVED

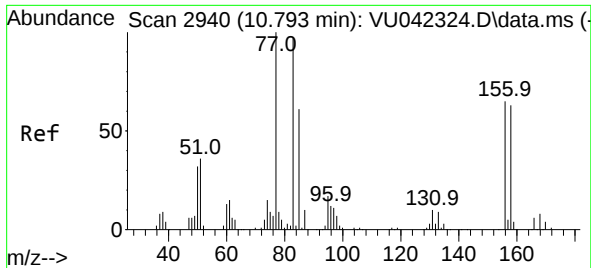
MMDadoda
2/22/2021 12:34:15 PM



#74
N-ethyl acetate
Concen: 2.43 ug/l
RT: 10.330 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 43 Resp: 9019
Ion Ratio Lower Upper
43 100
70 33.8 28.3 42.5
55 22.7 17.2 25.8
61 20.2 17.3 25.9





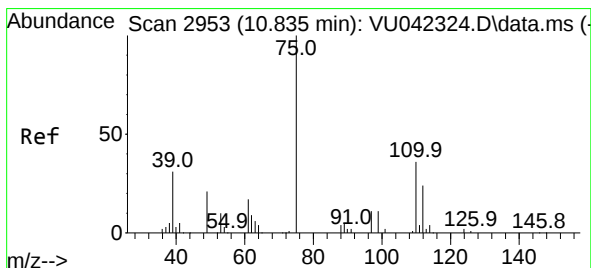
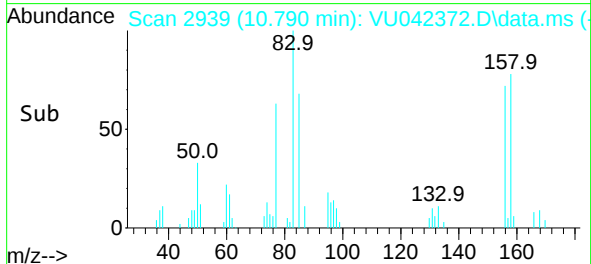
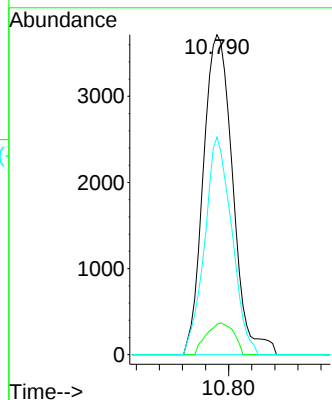
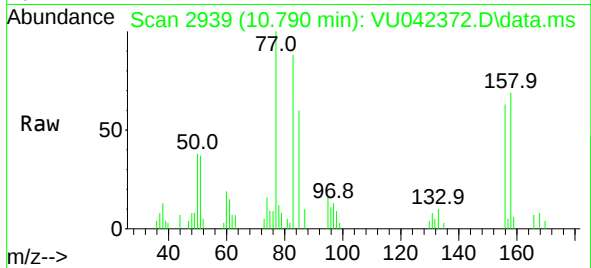
#75
1,1,2,2-Tetrachloroethane
Concen: 2.65 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 83 Resp: 6568
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.2
85 62.8 31.7 95.1

Instrument :
MSVOA_U
ClientSampled :
MDL13

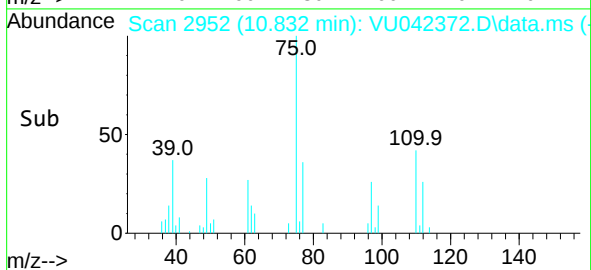
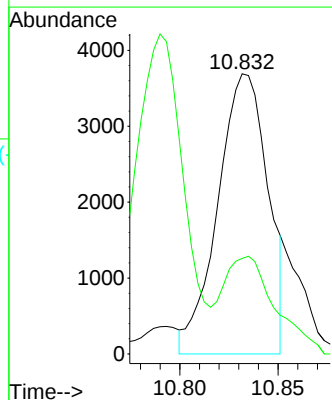
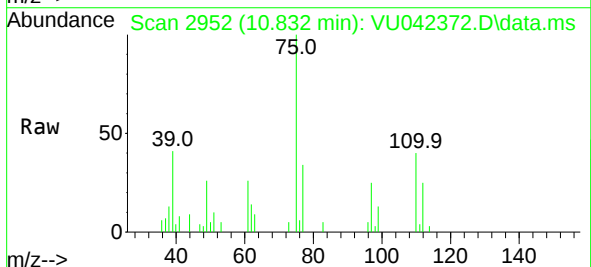
Manual Integrations
APPROVED

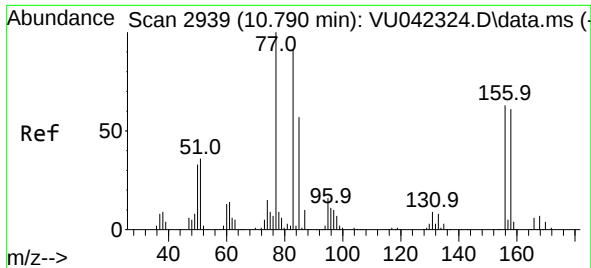
MMDadoda
2/22/2021 12:34:15 PM



#76
1,2,3-Trichloropropane
Concen: 2.70 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 75 Resp: 6526
Ion Ratio Lower Upper
75 100
77 36.5 20.2 60.5





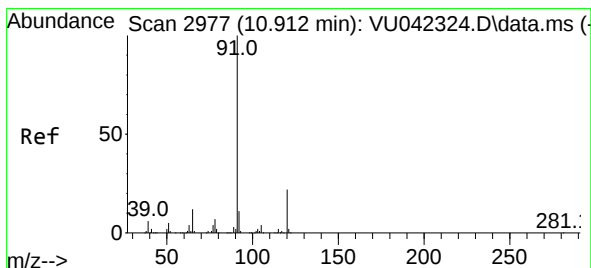
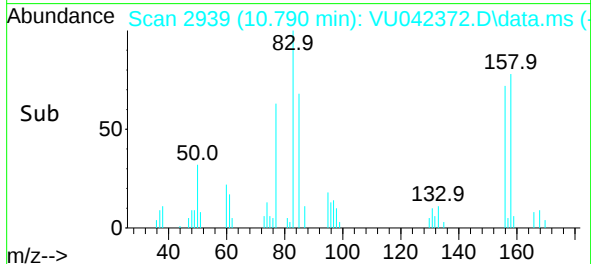
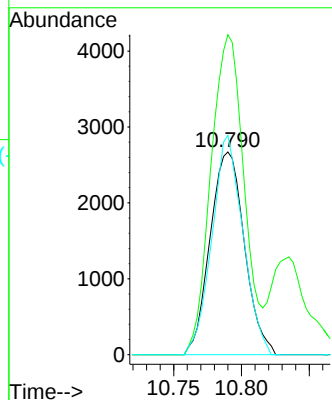
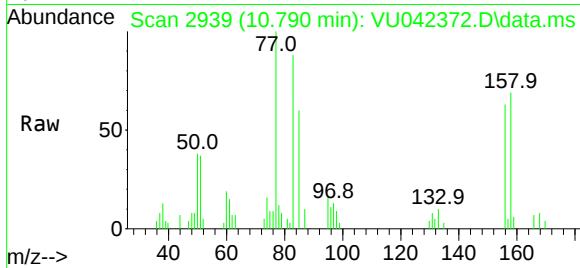
#77
Bromobenzene
Concen: 2.70 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 156 Resp: 4711
Ion Ratio Lower Upper
156 100
77 151.9 79.3 238.1
158 97.6 48.3 144.9

Instrument :
MSVOA_U
ClientSampleId :
MDL13

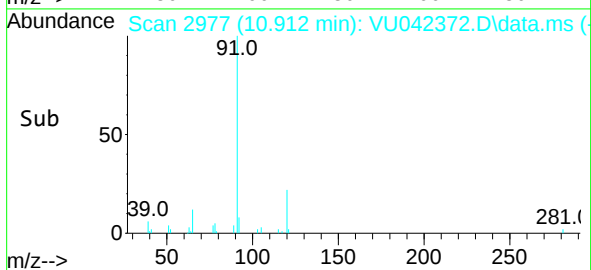
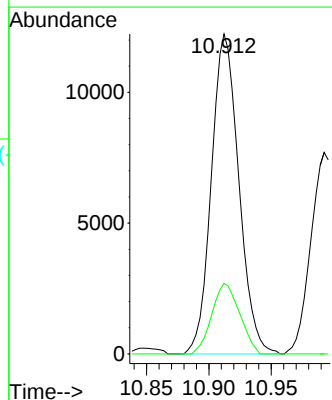
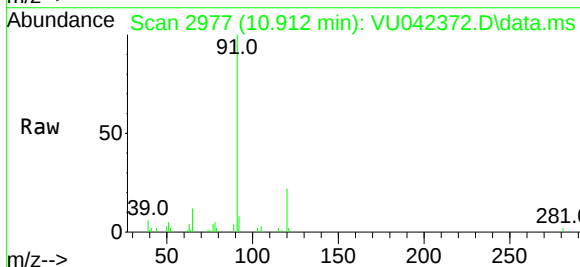
Manual Integrations
APPROVED

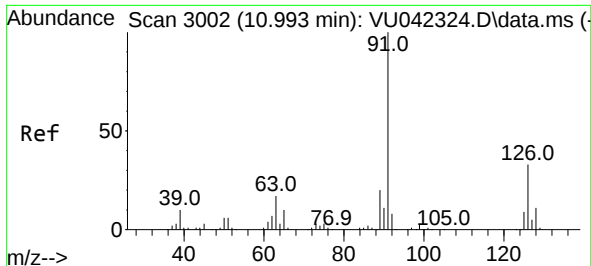
MMDadoda
2/22/2021 12:34:15 PM



#78
n-propylbenzene
Concen: 2.49 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 91 Resp: 18768
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6





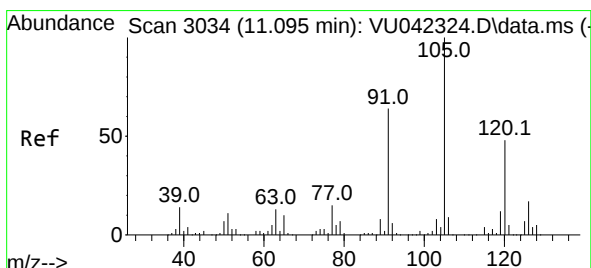
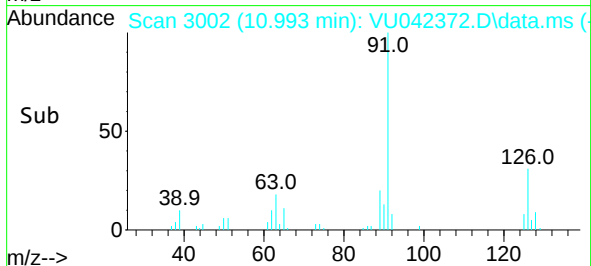
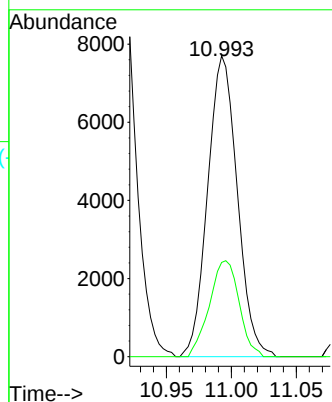
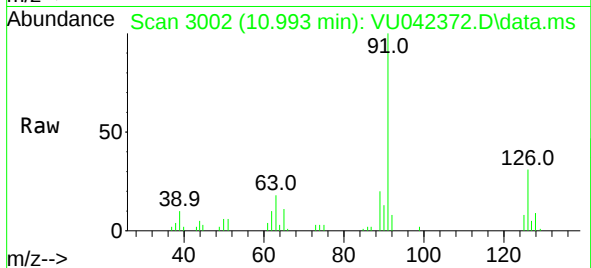
#79
2-Chlorotoluene
Concen: 2.65 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 91 Resp: 12200
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0

Instrument :
MSVOA_U
ClientSampleId :
MDL13

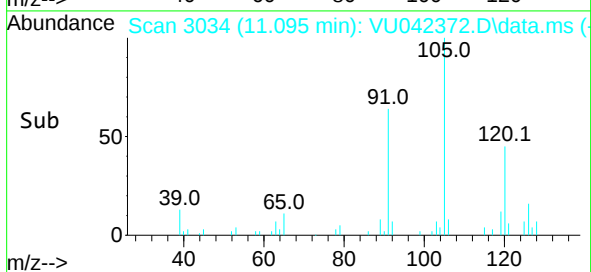
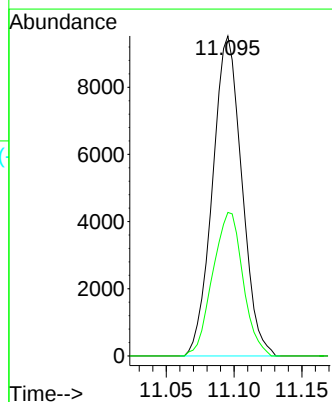
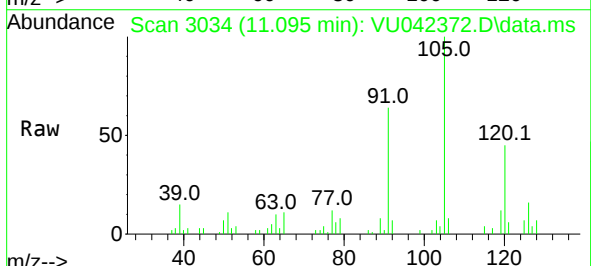
Manual Integrations
APPROVED

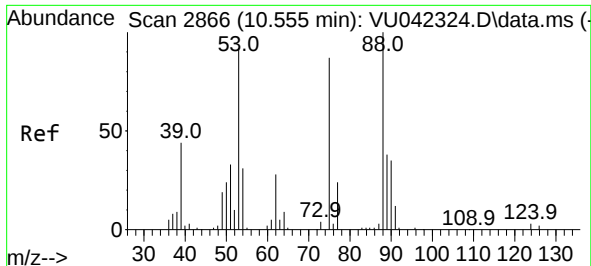
MMDadoda
2/22/2021 12:34:15 PM



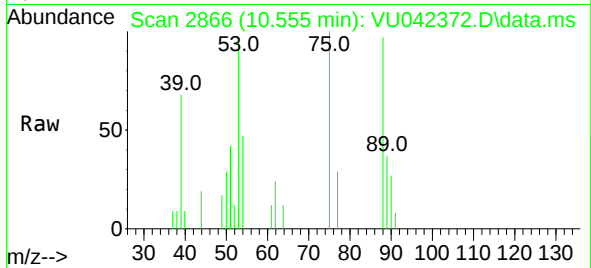
#80
1,3,5-Trimethylbenzene
Concen: 2.56 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 105 Resp: 14323
Ion Ratio Lower Upper
105 100
120 46.4 23.8 71.4



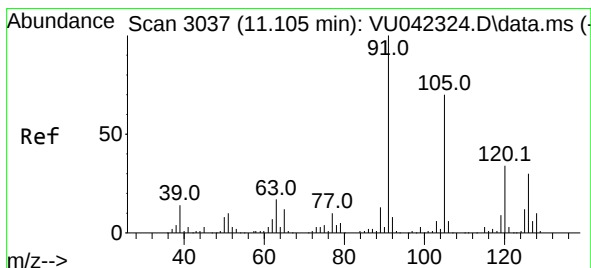
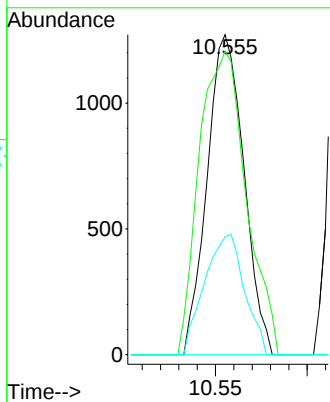
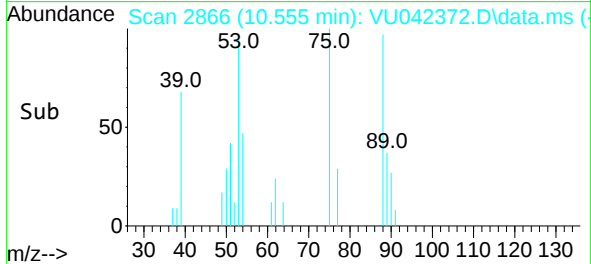


#81
trans-1,4-Dichloro-2-butene
Concen: 2.00 ug/l
RT: 10.555 min Scan# 2866
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

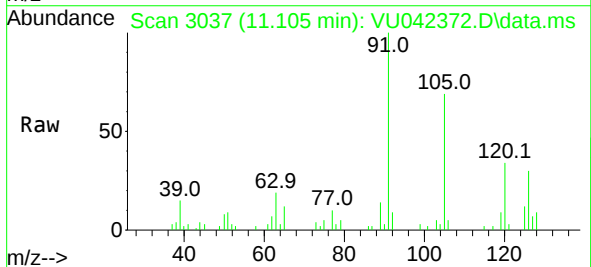


Tgt Ion: 75 Resp: 1774

Ion	Ratio	Lower	Upper
75	100		
53	121.0	85.6	128.4
89	40.8	35.7	53.5

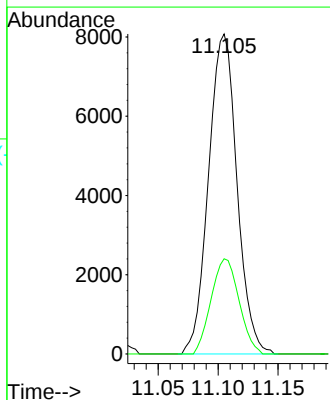
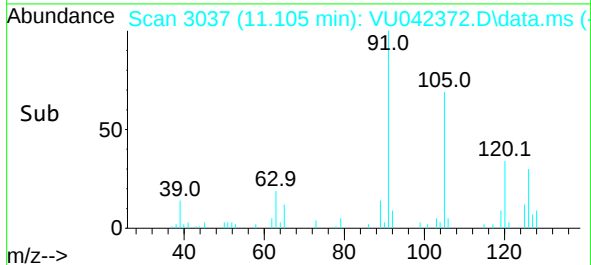


#82
4-Chlorotoluene
Concen: 2.48 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion: 91 Resp: 13327

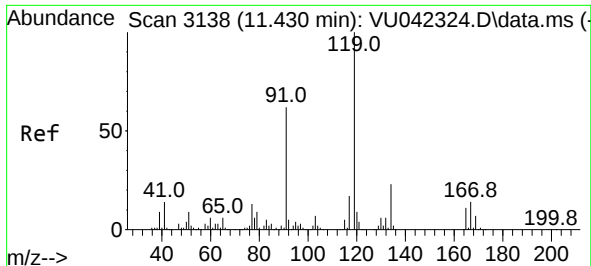
Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.6	44.0



Instrument :
MSVOA_U
ClientSampleId :
MDL13

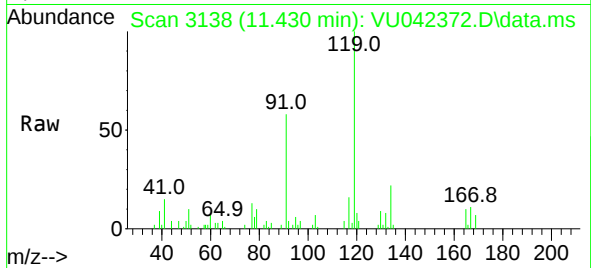
Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



#83
tert-Butylbenzene
Concen: 2.62 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

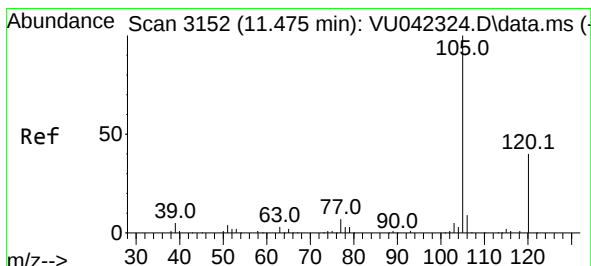
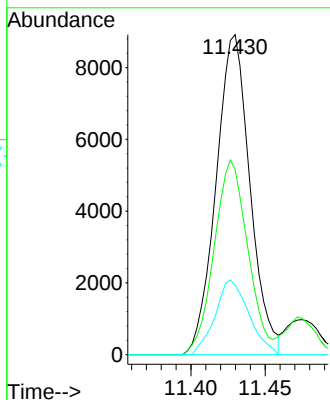
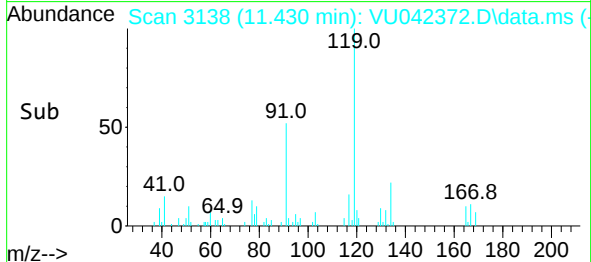
Instrument :
MSVOA_U
ClientSampled :
MDL13



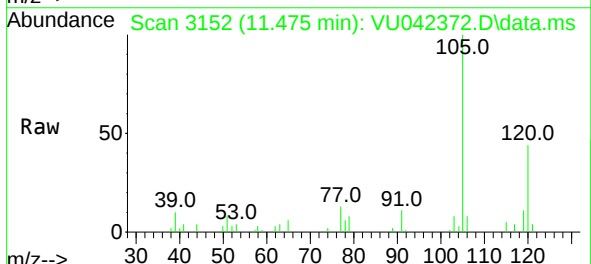
Tgt Ion:119 Resp: 14182
Ion Ratio Lower Upper
119 100
91 60.4 30.3 90.9
134 23.2 11.4 34.1

Manual Integrations
APPROVED

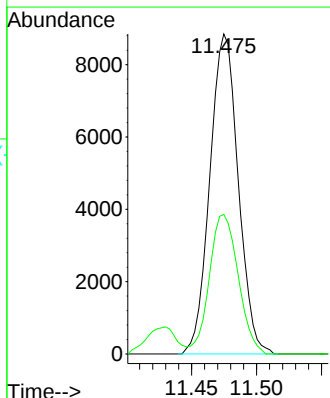
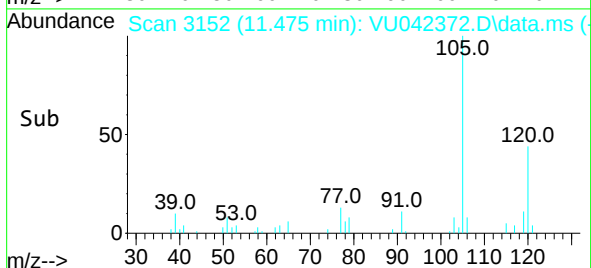
MMDadoda
2/22/2021 12:34:15 PM

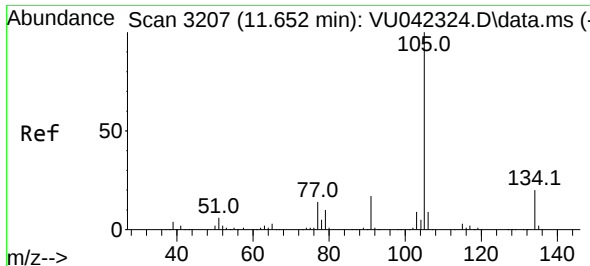


#84
1,2,4-Trimethylbenzene
Concen: 2.40 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion:105 Resp: 13428
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8





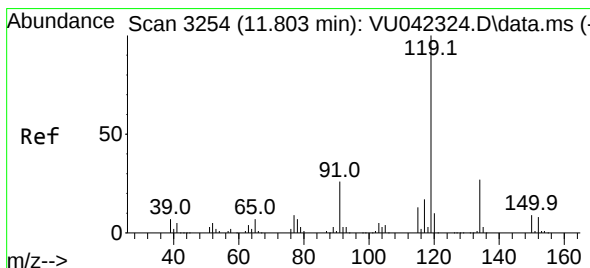
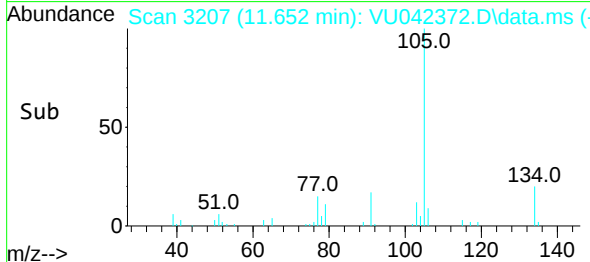
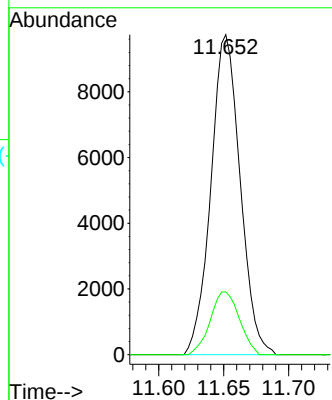
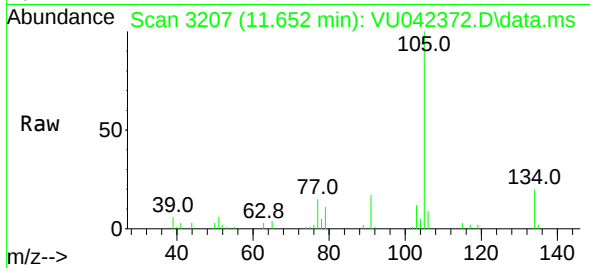
#85
 sec-Butylbenzene
 Concen: 2.39 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. -0.000 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

Tgt Ion:105 Resp: 15228
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 30.0

Instrument :
 MSVOA_U
 ClientSampled :
 MDL13

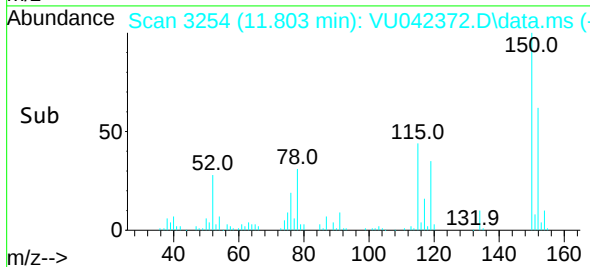
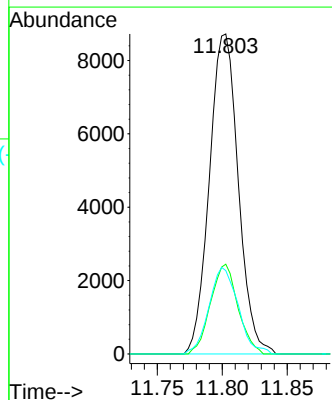
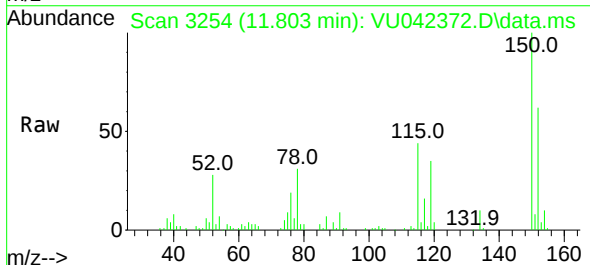
Manual Integrations
 APPROVED

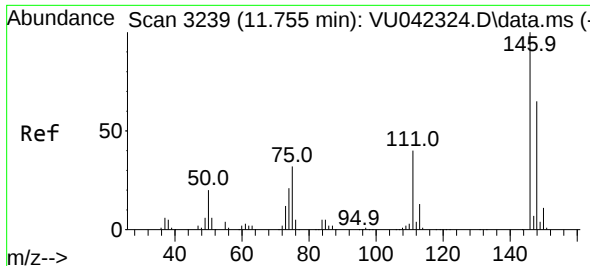
MMDadoda
 2/22/2021 12:34:15 PM



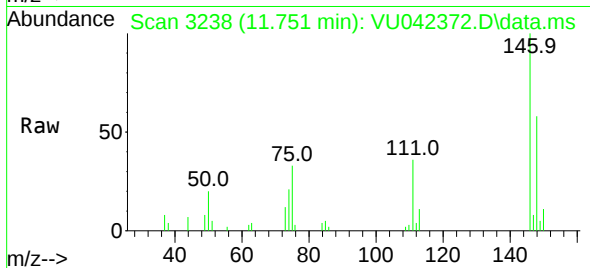
#86
 p-Isopropyltoluene
 Concen: 2.29 ug/l
 RT: 11.803 min Scan# 3254
 Delta R.T. -0.000 min
 Lab File: VU042372.D
 Acq: 19 Feb 2021 19:22

Tgt Ion:119 Resp: 13485
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 27.2 12.8 38.3

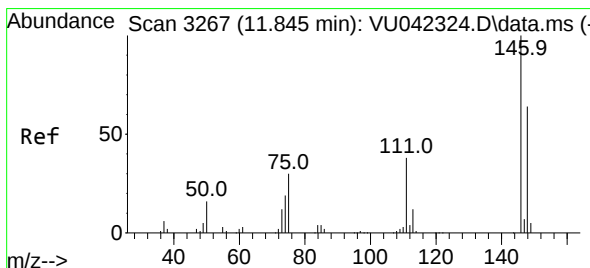
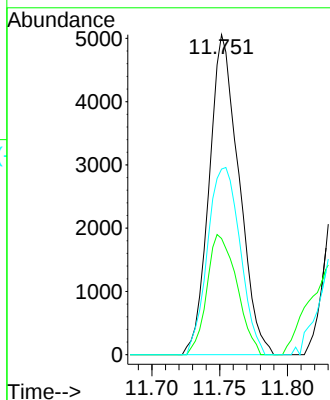
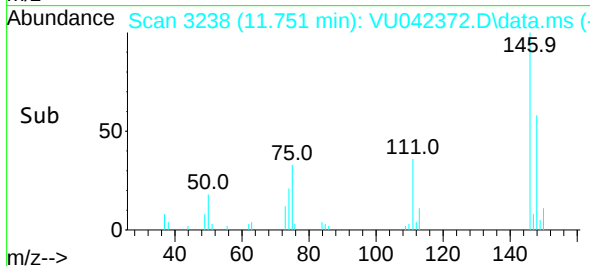




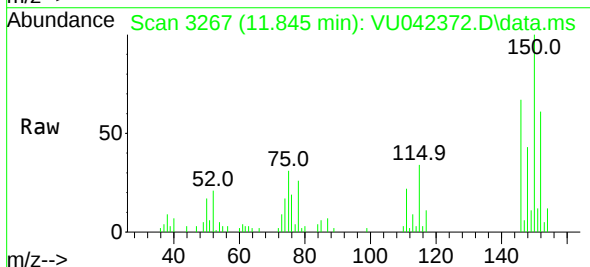
#87
1,3-Dichlorobenzene
Concen: 2.56 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



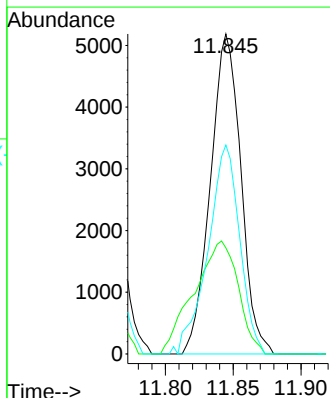
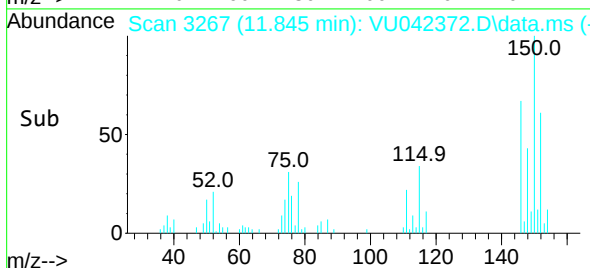
Tgt Ion:146 Resp: 7711
Ion Ratio Lower Upper
146 100
111 37.8 19.9 59.6
148 64.1 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 2.63 ug/l
RT: 11.845 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



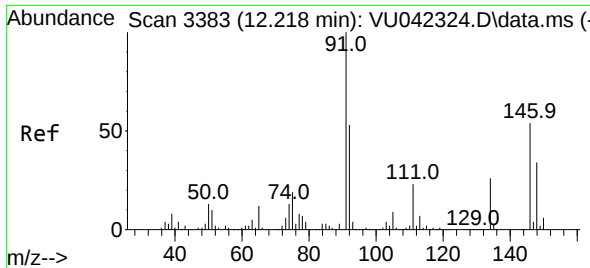
Tgt Ion:146 Resp: 8104
Ion Ratio Lower Upper
146 100
111 51.2 19.7 59.0
148 68.0 32.8 98.3



Instrument :
MSVOA_U
ClientSampled :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



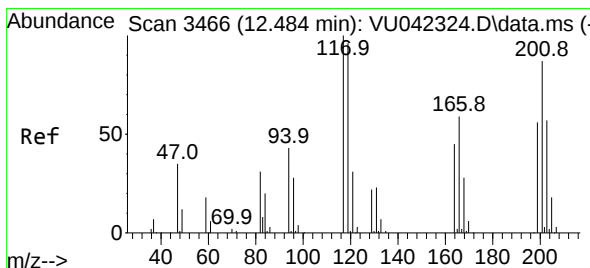
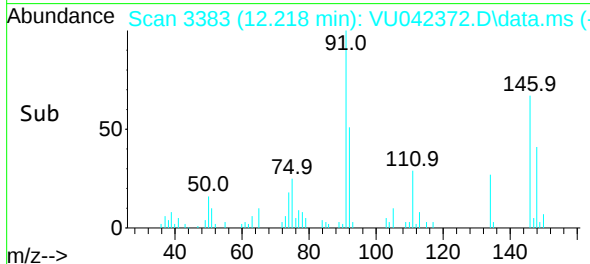
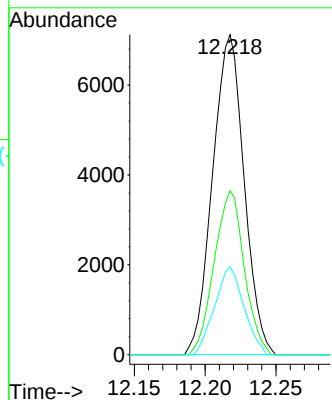
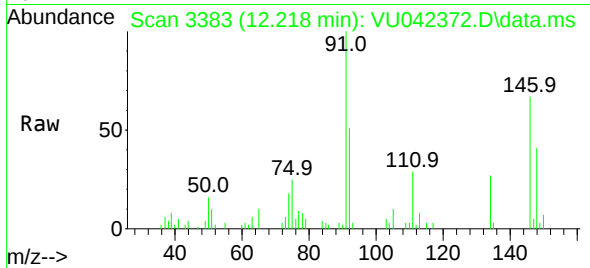
#89
n-Butylbenzene
Concen: 2.13 ug/l
RT: 12.218 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion:	91	Resp:	10999
Ion	Ratio	Lower	Upper
91	100		
92	48.8	26.2	78.6
134	25.5	12.7	38.1

Instrument :
MSVOA_U
ClientSampleId :
MDL13

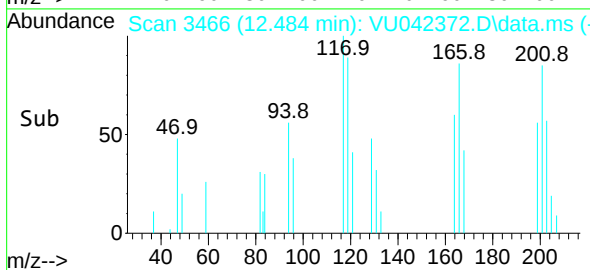
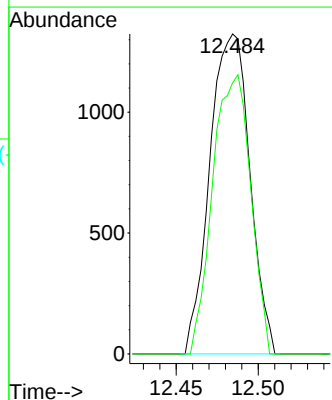
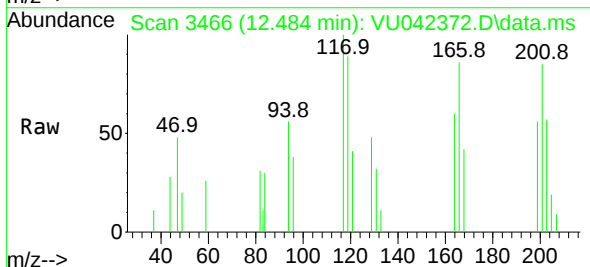
Manual Integrations
APPROVED

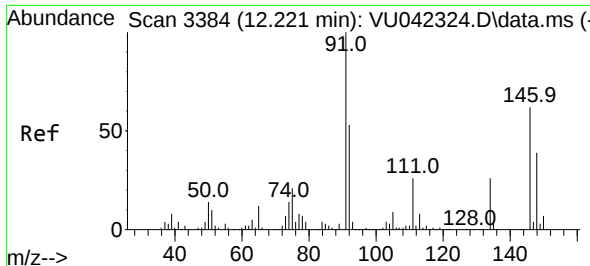
MMDadoda
2/22/2021 12:34:15 PM



#90
Hexachloroethane
Concen: 2.15 ug/l
RT: 12.484 min Scan# 3466
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion:	117	Resp:	2244
Ion	Ratio	Lower	Upper
117	100		
201	82.5	43.5	130.7





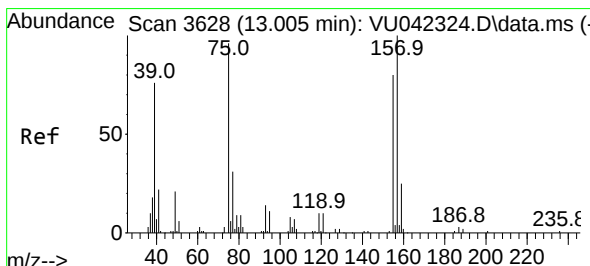
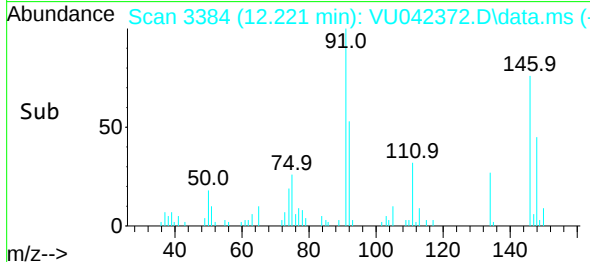
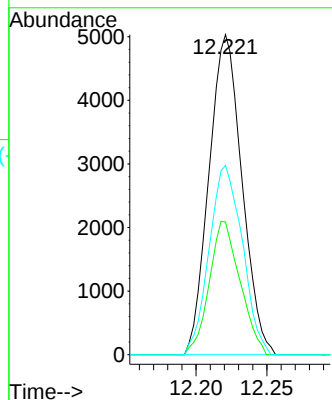
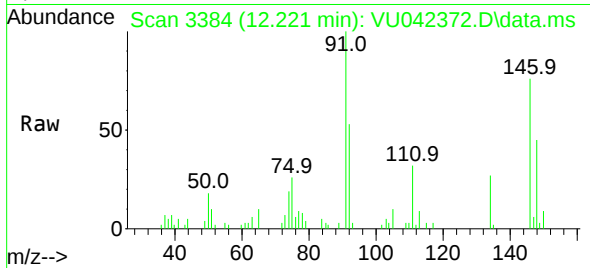
#91
1,2-Dichlorobenzene
Concen: 2.66 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

Tgt Ion: 146 Resp: 8144
Ion Ratio Lower Upper
146 100
111 39.0 20.8 62.4
148 59.6 31.9 95.7

Instrument :
MSVOA_U
ClientSampled :
MDL13

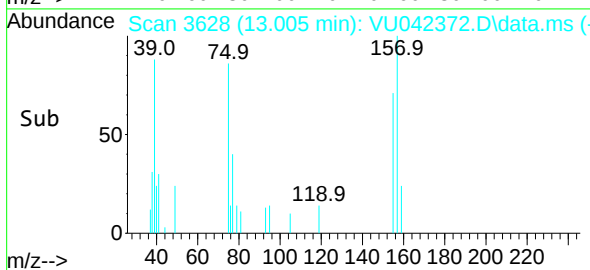
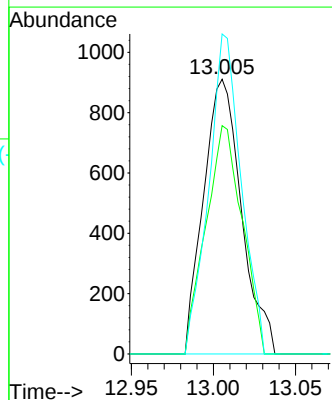
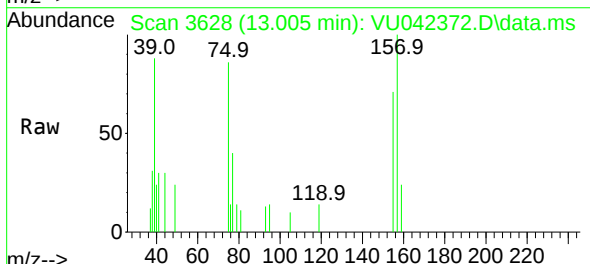
Manual Integrations
APPROVED

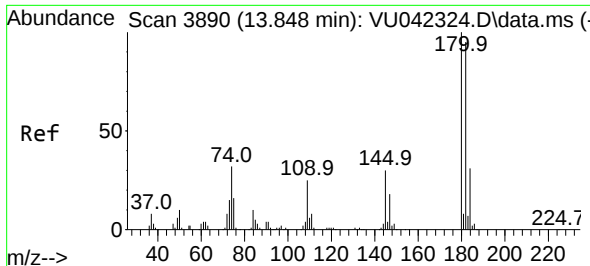
MMDadoda
2/22/2021 12:34:15 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.16 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

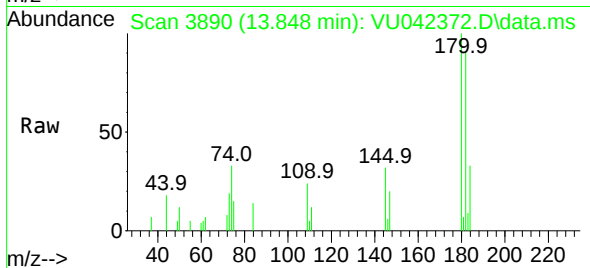
Tgt Ion: 75 Resp: 1466
Ion Ratio Lower Upper
75 100
155 79.6 41.7 125.1
157 99.7 53.9 161.7





#93
1,2,4-Trichlorobenzene
Concen: 1.93 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

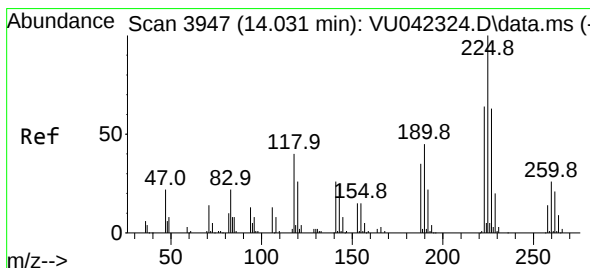
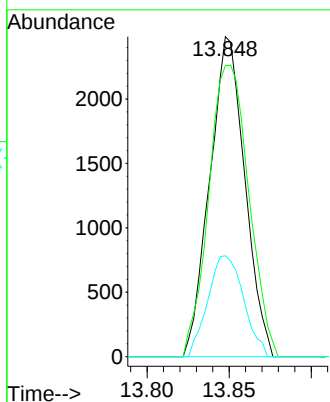
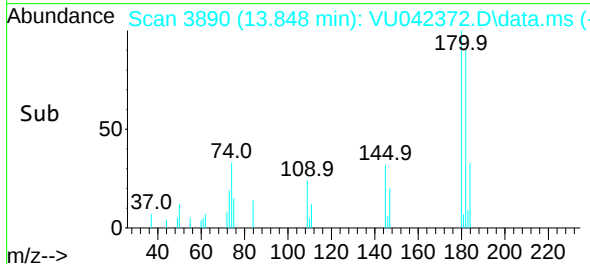
Instrument :
MSVOA_U
ClientSampled :
MDL13



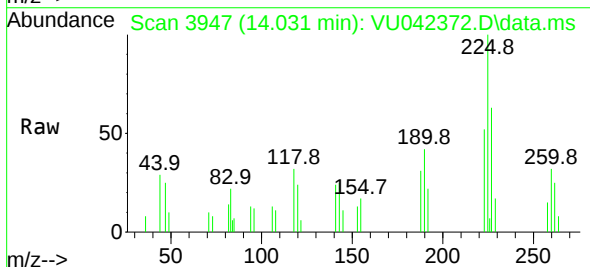
Tgt Ion:180 Resp: 3687
Ion Ratio Lower Upper
180 100
182 103.7 46.9 140.8
145 32.1 14.4 43.4

Manual Integrations
APPROVED

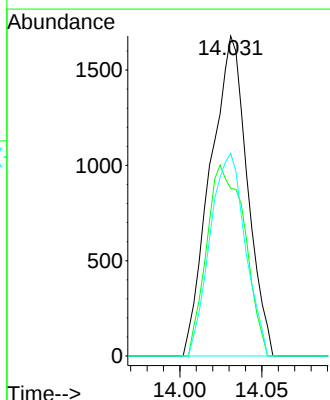
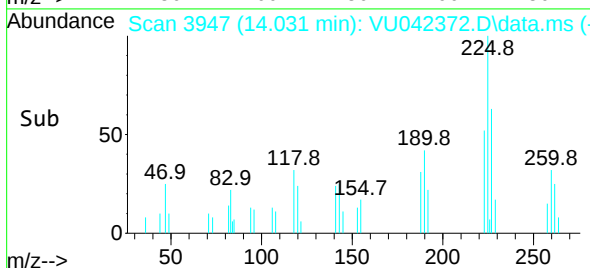
MMDadoda
2/22/2021 12:34:15 PM

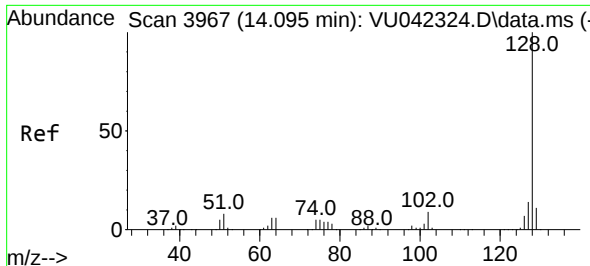


#94
Hexachlorobutadiene
Concen: 2.46 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22

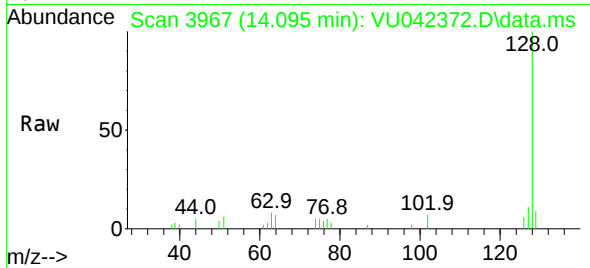


Tgt Ion:225 Resp: 2629
Ion Ratio Lower Upper
225 100
223 61.3 32.3 96.9
227 60.2 31.8 95.4

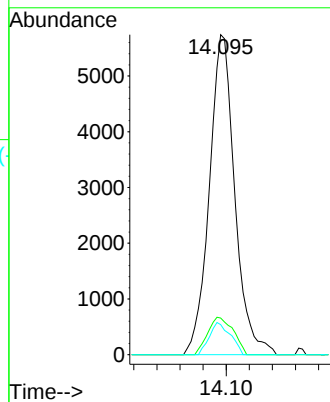
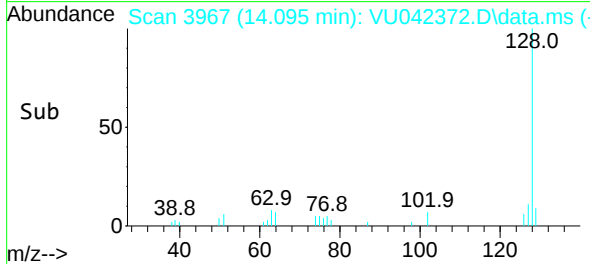




#95
Naphthalene
Concen: 1.60 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



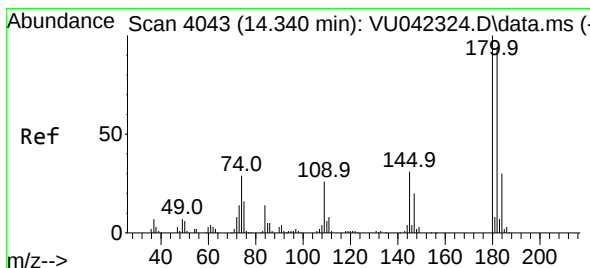
Tgt Ion:128 Resp: 8787
Ion Ratio Lower Upper
128 100
127 11.7 10.8 16.2
129 8.3 8.6 13.0#



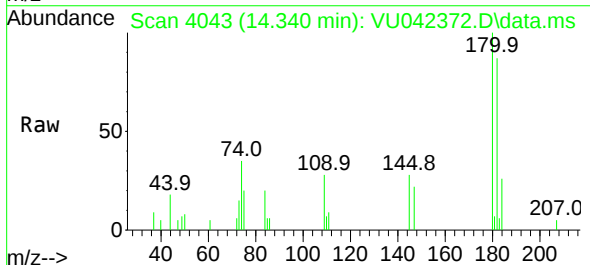
Instrument :
MSVOA_U
ClientSampleId :
MDL13

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 1.91 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042372.D
Acq: 19 Feb 2021 19:22



Tgt Ion:180 Resp: 3558
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.0
145 30.3 15.5 46.5

