

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043014.D
 Acq On : 12 Apr 2021 10:34
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:47:00 PM

Quant Time: Apr 12 12:09:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:08:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	103326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	156527	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	149559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	81051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	10171	6.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	13.02%	
35) Dibromofluoromethane	5.298	113	6554	5.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.88%	
50) Toluene-d8	7.906	98	21753	5.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.98%	
62) 4-Bromofluorobenzene	10.639	95	8149	5.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.36%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	4831	4.02	ug/l	91
3) Chloromethane	1.523	50	6273	5.01	ug/l	99
4) Vinyl Chloride	1.607	62	5455	4.56	ug/l	89
5) Bromomethane	1.845	94	3619	4.92	ug/l	95
6) Chloroethane	1.925	64	4233	5.92	ug/l	98
7) Trichlorofluoromethane	2.138	101	10320	5.53	ug/l	94
8) Diethyl Ether	2.382	74	3294	5.51	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.584	101	5050	5.17	ug/l	99
10) Methyl Iodide	2.729	142	5683	4.12	ug/l	96
11) Tert butyl alcohol	3.189	59	10558m	29.64	ug/l	
12) 1,1-Dichloroethene	2.584	96	4516	4.76	ug/l	87
13) Acrolein	2.491	56	4461	20.15	ug/l	100
14) Allyl chloride	2.928	41	10946	5.17	ug/l	95
15) Acrylonitrile	3.321	53	23106	27.94	ug/l	98
16) Acetone	2.633	43	25015	25.36	ug/l	99
17) Carbon Disulfide	2.797	76	13806	4.83	ug/l	97
18) Methyl Acetate	2.957	43	10245	5.64	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	18647	5.14	ug/l	93
20) Methylene Chloride	3.051	84	5896	5.22	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	5590	5.45	ug/l	93
22) Diisopropyl ether	4.002	45	21661	5.33	ug/l	97
23) Vinyl Acetate	3.964	43	100042	25.86	ug/l	97
24) 1,1-Dichloroethane	3.877	63	11598	5.54	ug/l	98
25) 2-Butanone	4.713	43	36440	27.32	ug/l	98
26) 2,2-Dichloropropane	4.674	77	9872	5.21	ug/l	96
27) cis-1,2-Dichloroethene	4.674	96	6408	5.38	ug/l	98
28) Bromochloromethane	4.980	49	5828	5.47	ug/l #	90
29) Tetrahydrofuran	5.060	42	22577	27.16	ug/l	96
30) Chloroform	5.096	83	11899	5.55	ug/l	96
31) Cyclohexane	5.391	56	12063	5.85	ug/l #	90
32) 1,1,1-Trichloroethane	5.324	97	10347	5.32	ug/l	98
36) 1,1-Dichloropropene	5.533	75	8193	5.22	ug/l	98
37) Ethyl Acetate	4.813	43	13233	5.36	ug/l #	97
38) Carbon Tetrachloride	5.533	117	8387	5.00	ug/l	95
39) Methylcyclohexane	6.771	83	8476	4.70	ug/l	95
40) Benzene	5.784	78	24242	5.49	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043014.D
 Acq On : 12 Apr 2021 10:34
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:47:00 PM

Quant Time: Apr 12 12:09:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 12:08:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	7501	5.88	ug/l	95
42) 1,2-Dichloroethane	5.803	62	10600	5.48	ug/l	99
43) Isopropyl Acetate	5.919	43	19451	5.36	ug/l	97
44) Trichloroethene	6.552	130	5784	4.96	ug/l	96
45) 1,2-Dichloropropane	6.800	63	6535	5.31	ug/l	99
46) Dibromomethane	6.925	93	4748	5.56	ug/l	96
47) Bromodichloromethane	7.115	83	9106	5.42	ug/l	99
48) Methyl methacrylate	6.967	41	9164	5.09	ug/l	95
49) 1,4-Dioxane	6.983	88	3770	107.71	ug/l #	96
51) 4-Methyl-2-Pentanone	7.800	43	67648	27.06	ug/l	99
52) Toluene	7.976	92	14228	5.20	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	9366	5.05	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	9601	4.91	ug/l	90
55) 1,1,2-Trichloroethane	8.407	97	6311	5.55	ug/l	89
56) Ethyl methacrylate	8.343	69	9246	4.75	ug/l	96
57) 1,3-Dichloropropane	8.584	76	10270	5.18	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.472	63	14824	22.37	ug/l	99
59) 2-Hexanone	8.694	43	52619	26.12	ug/l	97
60) Dibromochloromethane	8.816	129	6615	4.98	ug/l	98
61) 1,2-Dibromoethane	8.931	107	6813	5.24	ug/l	97
64) Tetrachloroethene	8.562	164	5422	4.84	ug/l	91
65) Chlorobenzene	9.452	112	15409	5.11	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.542	131	6039	5.25	ug/l	98
67) Ethyl Benzene	9.578	91	26878	4.93	ug/l	98
68) m/p-Xylenes	9.700	106	19789	9.78	ug/l	99
69) o-Xylene	10.105	106	9733	4.92	ug/l	98
70) Styrene	10.121	104	15340	4.63	ug/l	99
71) Bromoform	10.301	173	5658	5.09	ug/l #	95
73) Isopropylbenzene	10.491	105	26299	4.86	ug/l	100
74) N-amyl acetate	10.327	43	15478	4.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	11818	5.65	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	12123m	5.88	ug/l	
77) Bromobenzene	10.790	156	7332	5.07	ug/l	98
78) n-propylbenzene	10.912	91	30570	4.86	ug/l	100
79) 2-Chlorotoluene	10.992	91	19045	4.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	21960	4.68	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	3596	4.80	ug/l	90
82) 4-Chlorotoluene	11.102	91	21921	4.88	ug/l	100
83) tert-Butylbenzene	11.430	119	22368	4.95	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	22883	4.88	ug/l	99
85) sec-Butylbenzene	11.652	105	25471	4.79	ug/l	100
86) p-Isopropyltoluene	11.800	119	23173	4.71	ug/l	98
87) 1,3-Dichlorobenzene	11.754	146	13262	5.26	ug/l	98
88) 1,4-Dichlorobenzene	11.845	146	13738	5.30	ug/l	96
89) n-Butylbenzene	12.217	91	20435	4.68	ug/l	99
90) Hexachloroethane	12.481	117	4521	5.19	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	14163	5.52	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	3078	5.34	ug/l	90
93) 1,2,4-Trichlorobenzene	13.848	180	7300	4.62	ug/l	97
94) Hexachlorobutadiene	14.028	225	5088	5.72	ug/l	93
95) Naphthalene	14.098	128	18327	4.03	ug/l	99
96) 1,2,3-Trichlorobenzene	14.340	180	7186	4.63	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
Data File : VU043014.D
Acq On : 12 Apr 2021 10:34
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

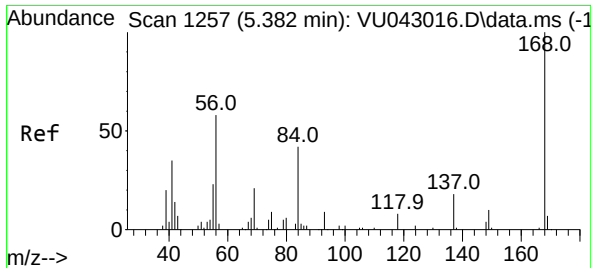
Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM

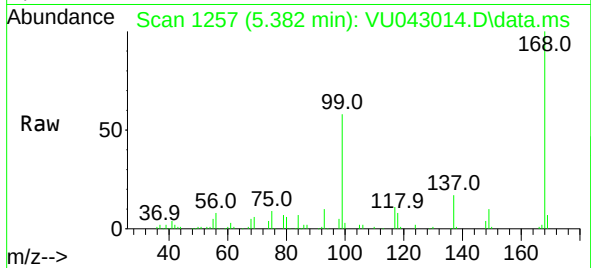
Quant Time: Apr 12 12:09:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 12:08:00 2021
Response via : Initial Calibration

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

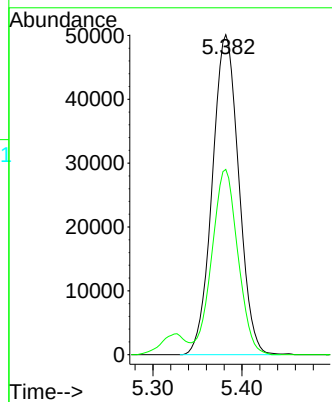
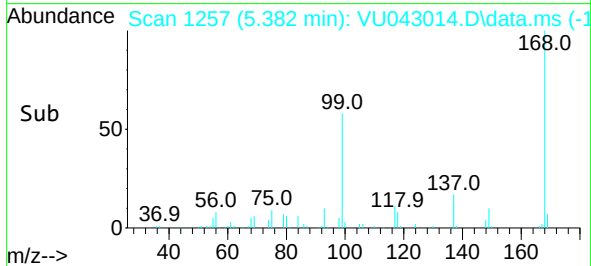
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



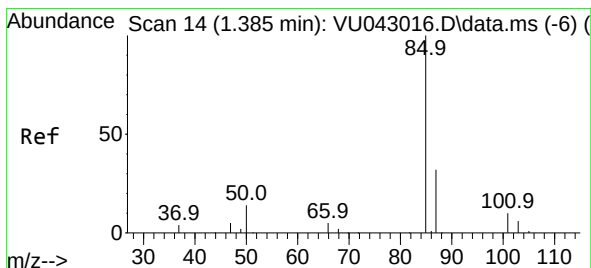
Tgt Ion: 168 Resp: 103326
Ion Ratio Lower Upper
168 100
99 57.9 45.0 67.4



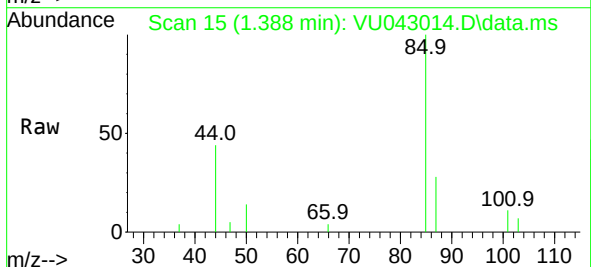
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

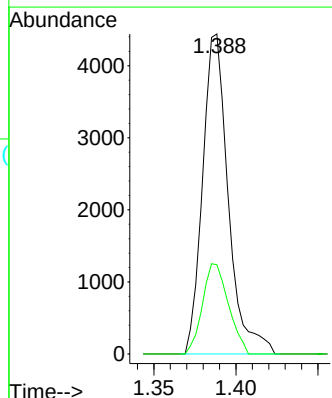
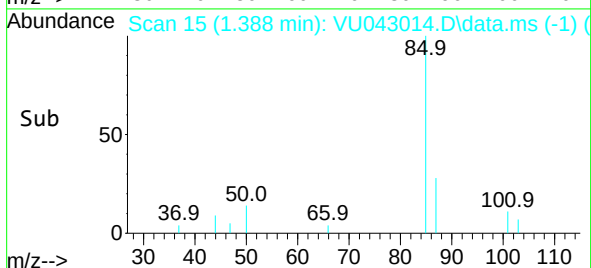
MMDadoda
4/13/2021 5:47:00 PM

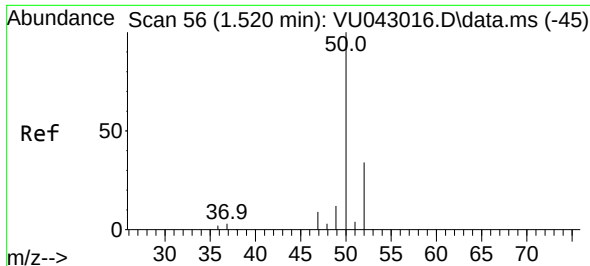


#2
Dichlorodifluoromethane
Concen: 4.02 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



Tgt Ion: 85 Resp: 4831
Ion Ratio Lower Upper
85 100
87 27.9 16.5 49.5





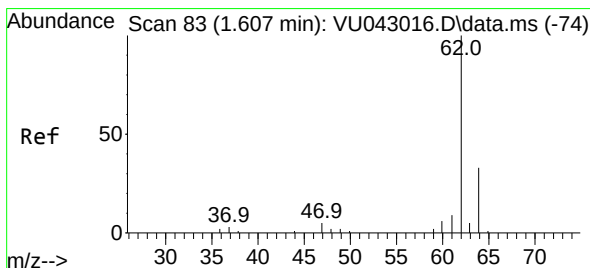
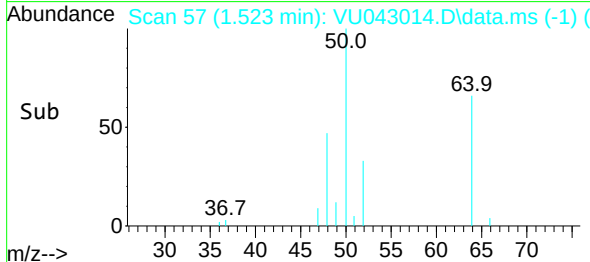
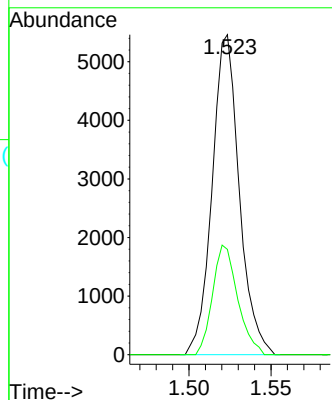
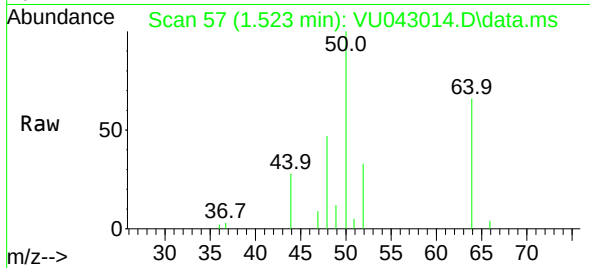
#3
Chloromethane
Concen: 5.01 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 50 Resp: 6273
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

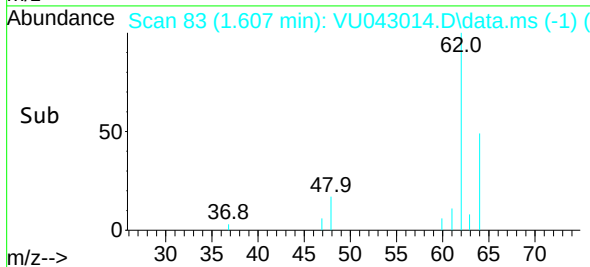
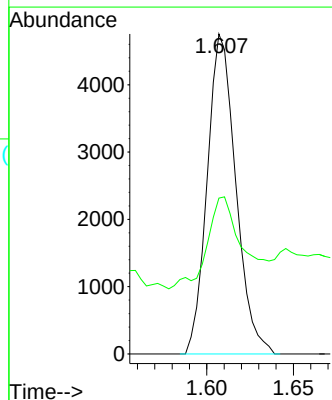
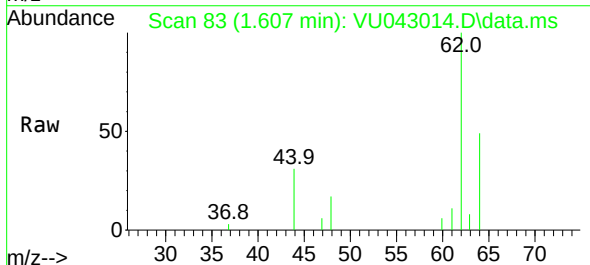
Manual Integrations
APPROVED

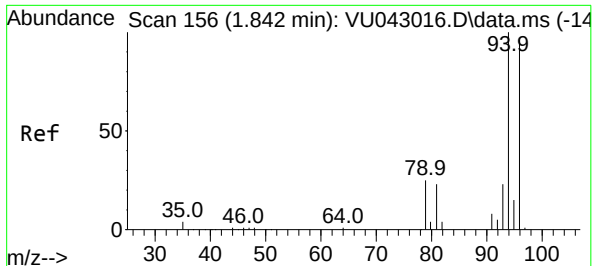
MMDadoda
4/13/2021 5:47:00 PM



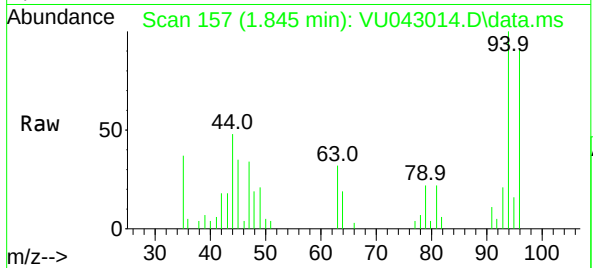
#4
Vinyl Chloride
Concen: 4.56 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 62 Resp: 5455
Ion Ratio Lower Upper
62 100
64 25.5 25.2 37.8

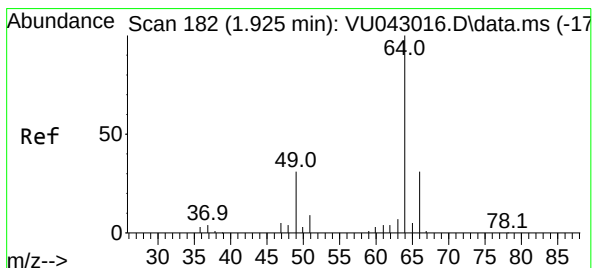
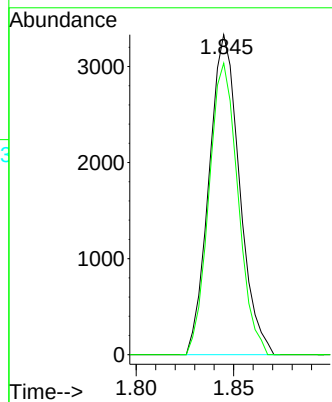
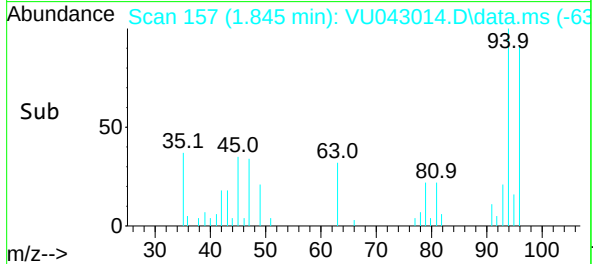




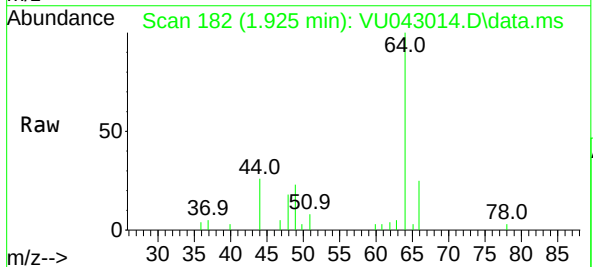
#5
Bromomethane
Concen: 4.92 ug/l
RT: 1.845 min Scan# 157
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



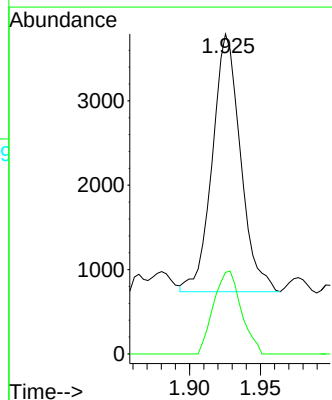
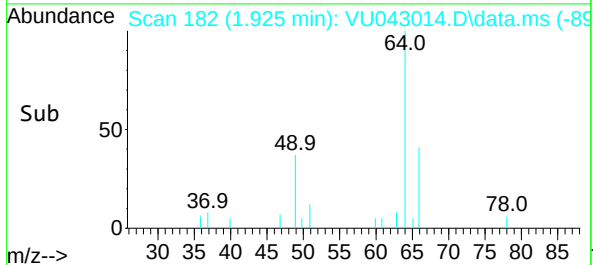
Tgt Ion: 94 Resp: 3619
Ion Ratio Lower Upper
94 100
96 91.1 76.6 115.0



#6
Chloroethane
Concen: 5.92 ug/l
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



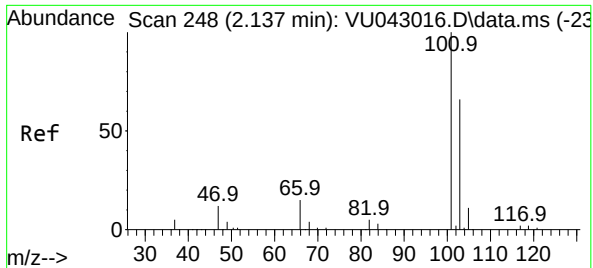
Tgt Ion: 64 Resp: 4233
Ion Ratio Lower Upper
64 100
66 31.7 26.4 39.6



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



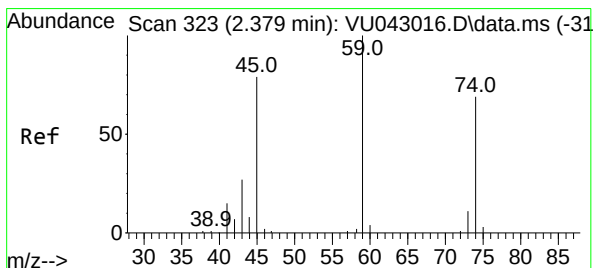
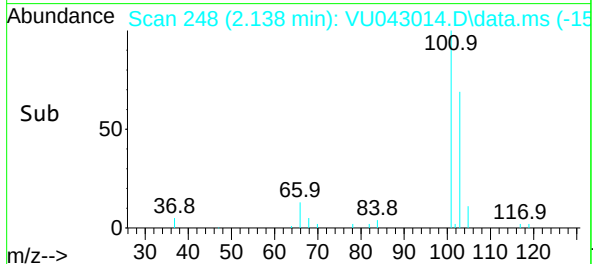
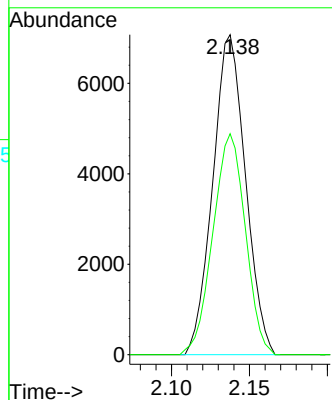
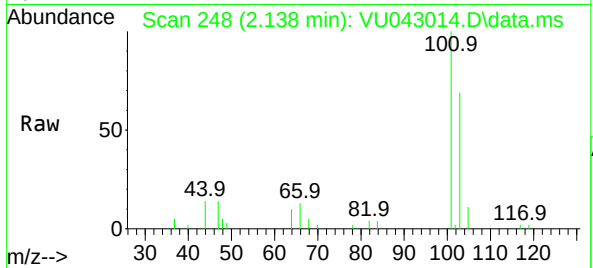
#7
Trichlorofluoromethane
Concen: 5.53 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 101 Resp: 10320
Ion Ratio Lower Upper
101 100
103 69.1 51.3 76.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

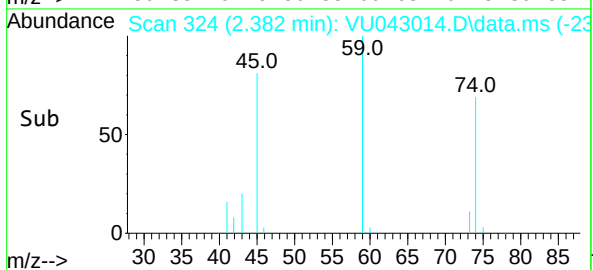
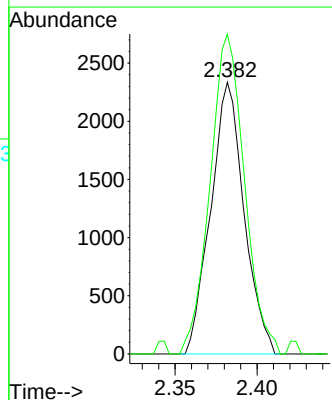
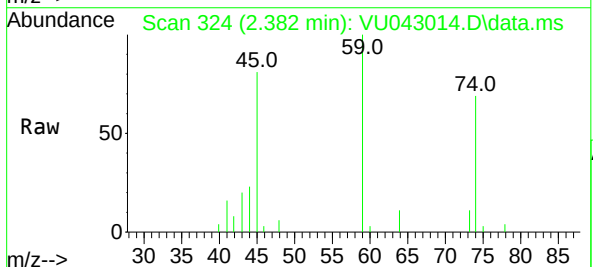
Manual Integrations
APPROVED

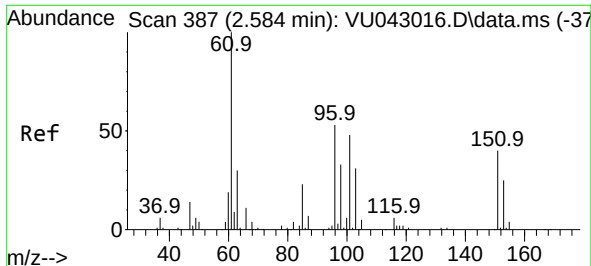
MMDadoda
4/13/2021 5:47:00 PM



#8
Diethyl Ether
Concen: 5.51 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 74 Resp: 3294
Ion Ratio Lower Upper
74 100
45 121.8 56.9 170.6





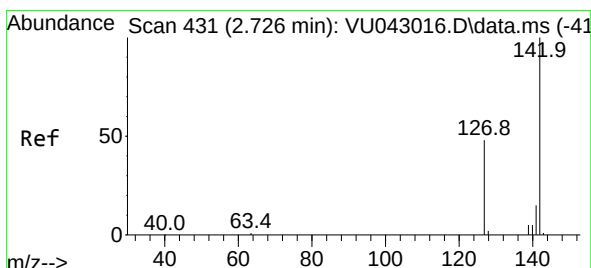
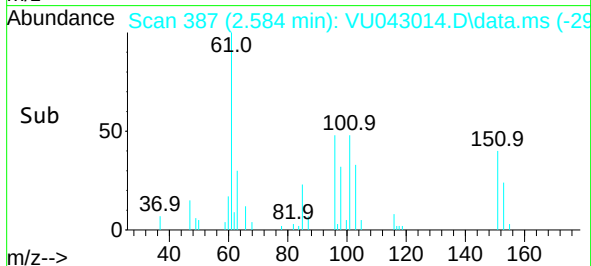
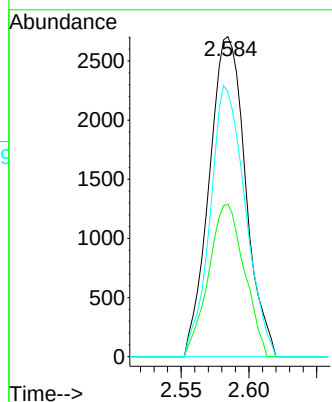
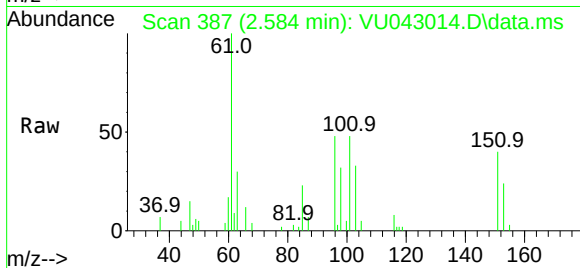
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.17 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:	101	Resp:	5050
Ion	Ratio	Lower	Upper
101	100		
85	46.8	37.4	56.0
151	81.7	65.8	98.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

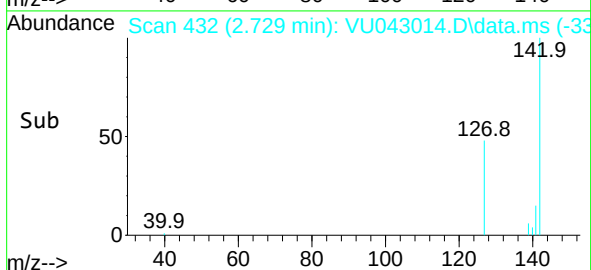
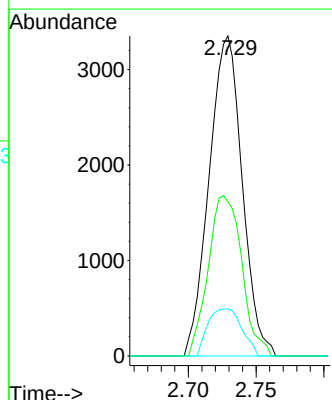
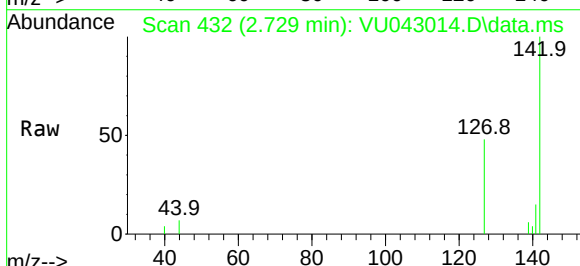
Manual Integrations
APPROVED

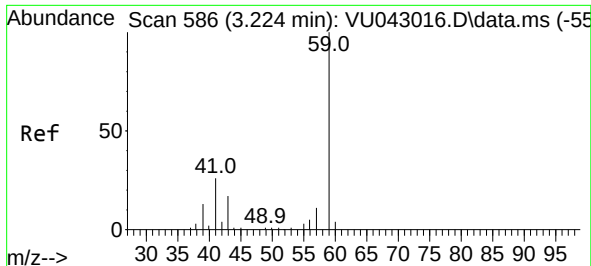
MMDadoda
4/13/2021 5:47:00 PM



#10
Methyl Iodide
Concen: 4.12 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:	142	Resp:	5683
Ion	Ratio	Lower	Upper
142	100		
127	50.8	37.8	56.6
141	15.0	11.8	17.6





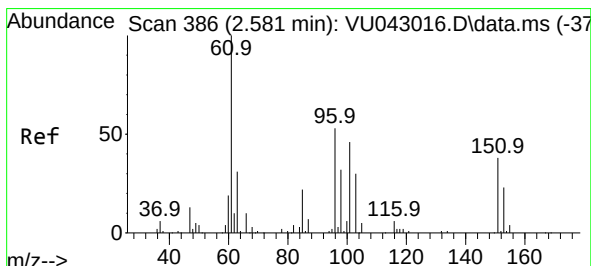
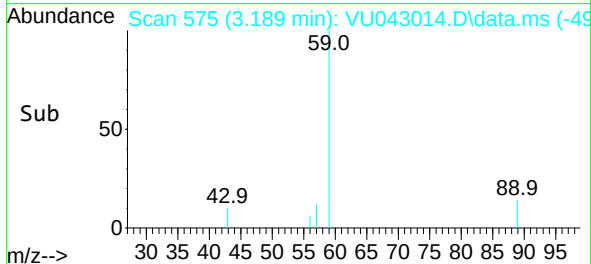
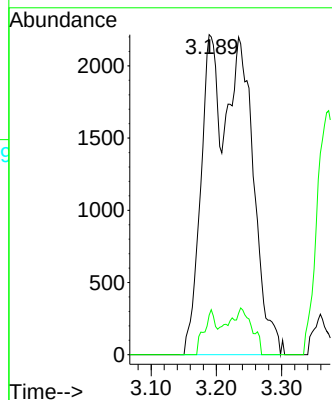
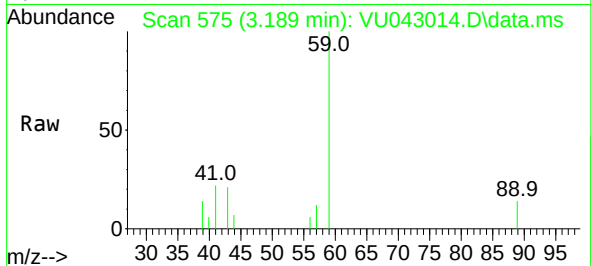
#11
Tert butyl alcohol
Concen: 29.64 ug/l m
RT: 3.189 min Scan# 575
Delta R.T. -0.035 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 59 Resp: 10558
Ion Ratio Lower Upper
59 100
57 3.7 1.6 2.4#

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

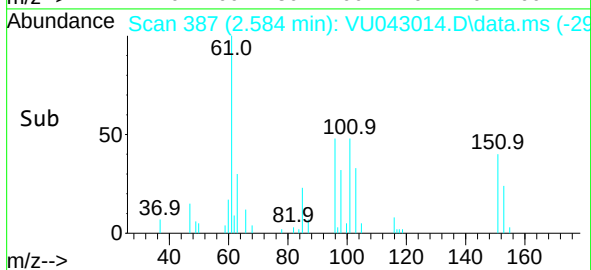
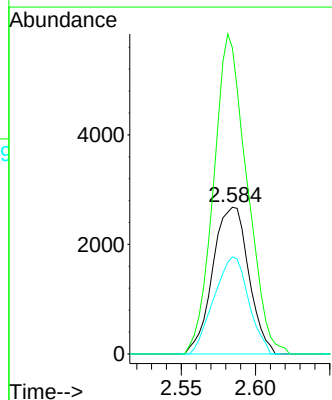
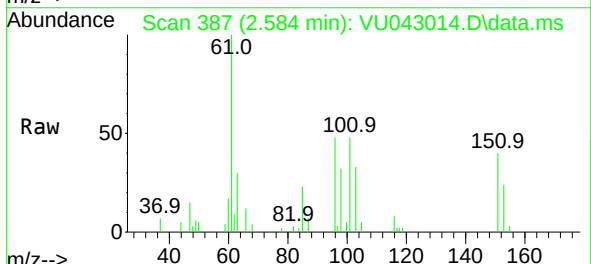
Manual Integrations
APPROVED

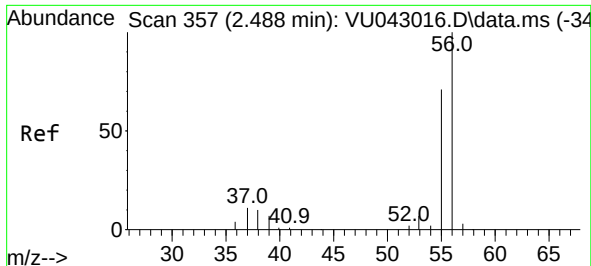
MMDadoda
4/13/2021 5:47:00 PM



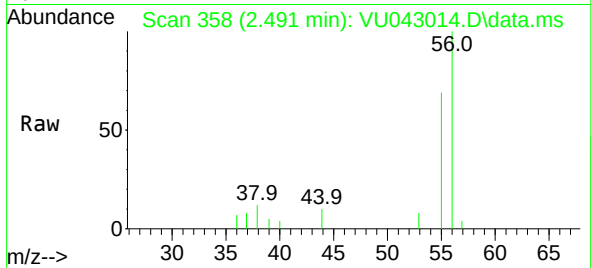
#12
1,1-Dichloroethene
Concen: 4.76 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 96 Resp: 4516
Ion Ratio Lower Upper
96 100
61 208.7 147.4 221.0
98 66.2 51.4 77.2

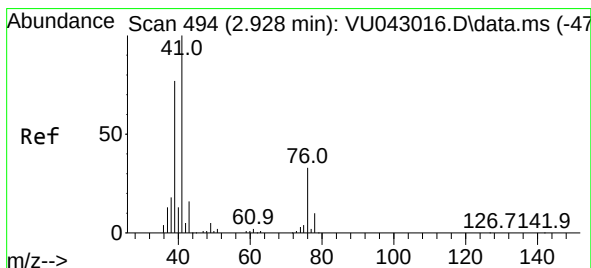
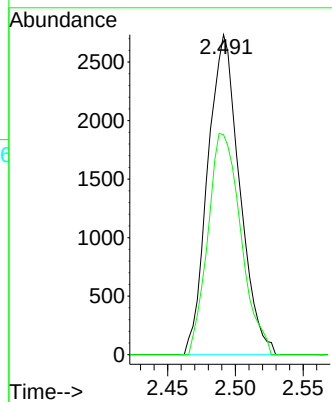
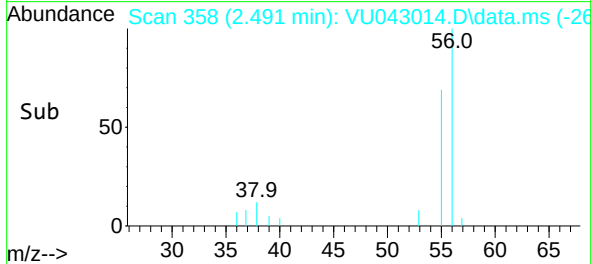




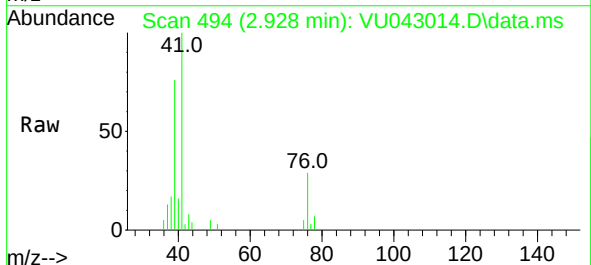
#13
Acrolein
Concen: 20.15 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



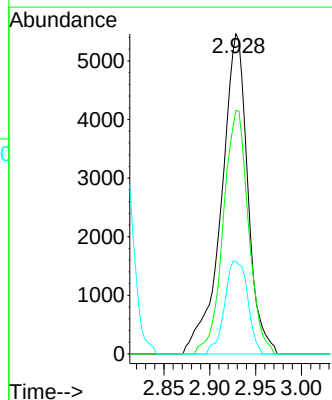
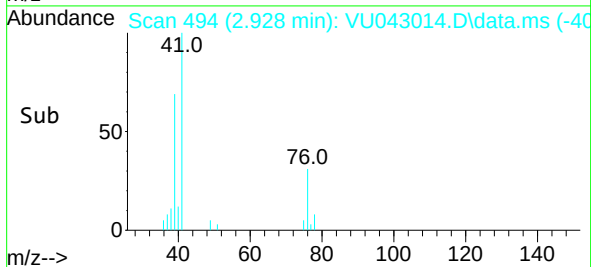
Tgt Ion: 56 Resp: 4461
Ion Ratio Lower Upper
56 100
55 71.6 57.3 85.9



#14
Allyl chloride
Concen: 5.17 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



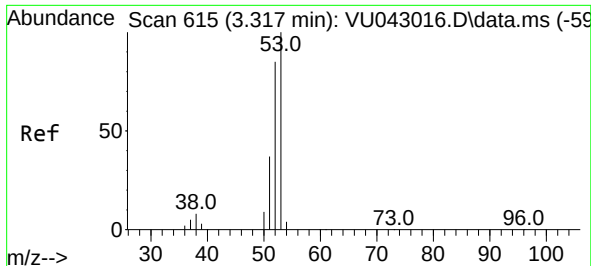
Tgt Ion: 41 Resp: 10946
Ion Ratio Lower Upper
41 100
39 72.4 54.9 82.3
76 25.3 22.5 33.7



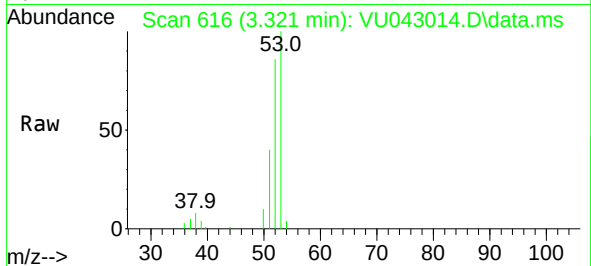
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

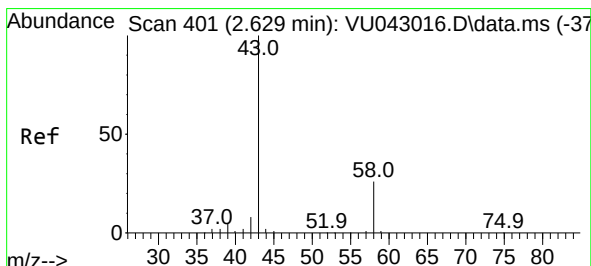
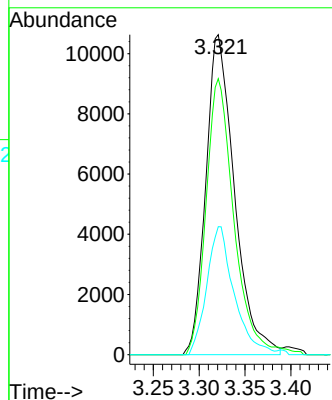
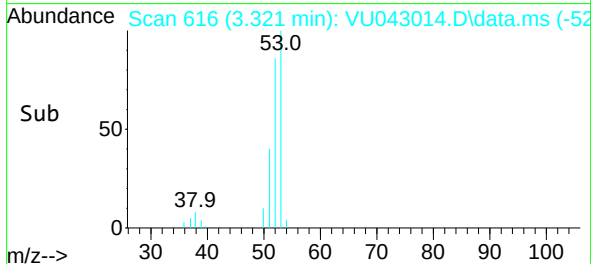
MMDadoda
4/13/2021 5:47:00 PM



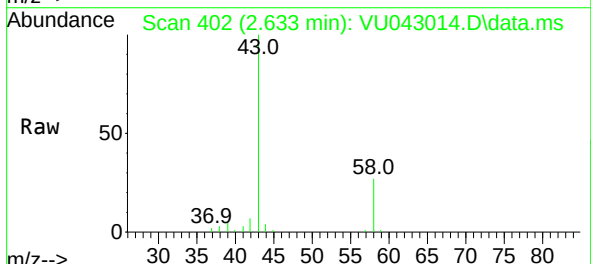
#15
Acrylonitrile
Concen: 27.94 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



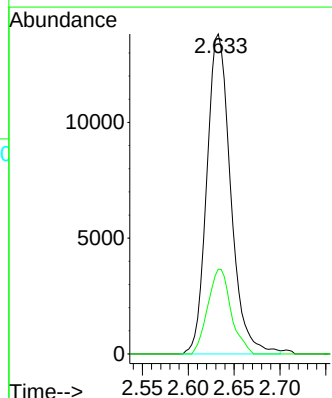
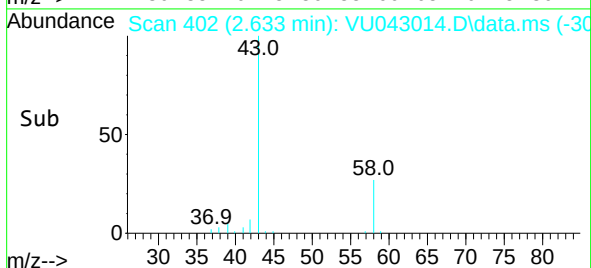
Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.0	68.2	102.2
51	38.1	29.2	43.8



#16
Acetone
Concen: 25.36 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



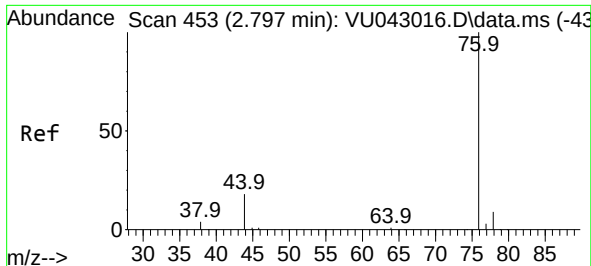
Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.5	32.3



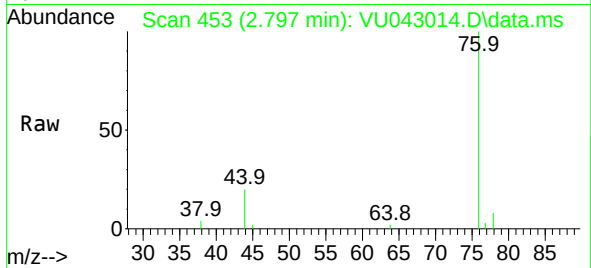
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

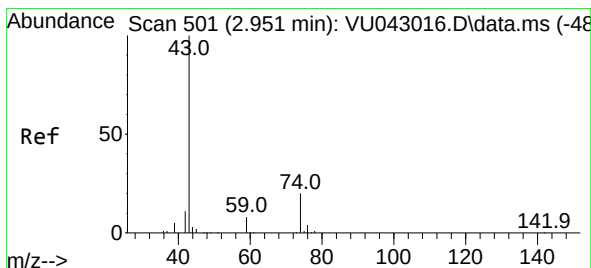
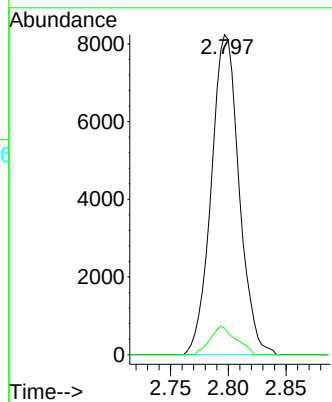
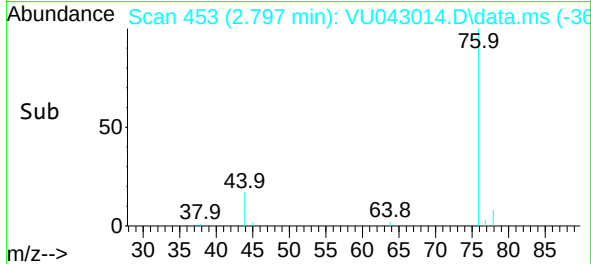
MMDadoda
4/13/2021 5:47:00 PM



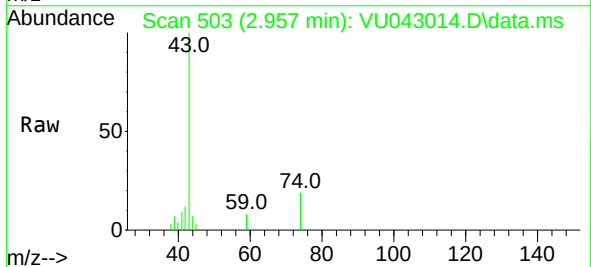
#17
Carbon Disulfide
Concen: 4.83 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



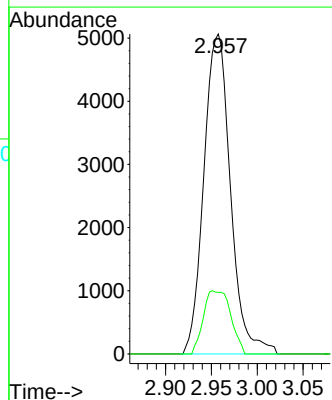
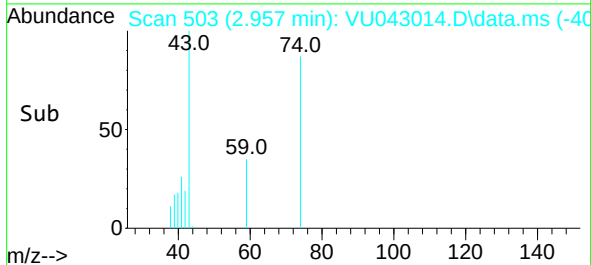
Tgt Ion: 76 Resp: 13806
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



#18
Methyl Acetate
Concen: 5.64 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



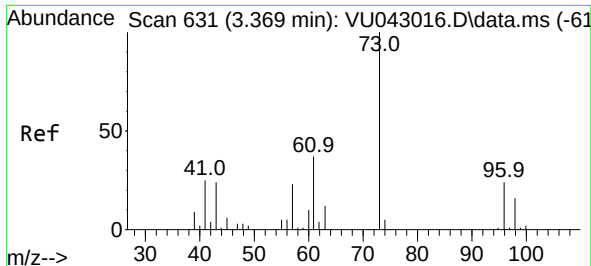
Tgt Ion: 43 Resp: 10245
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



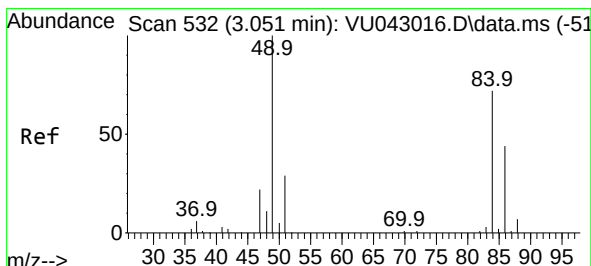
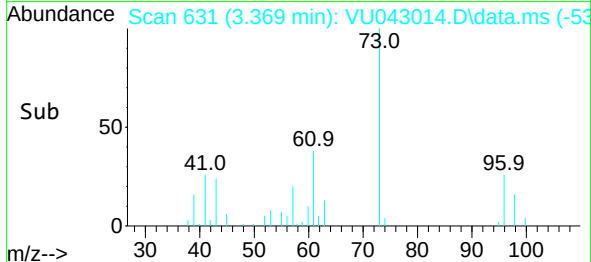
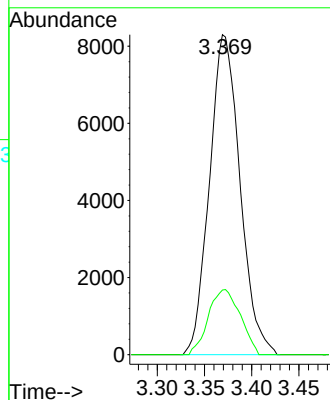
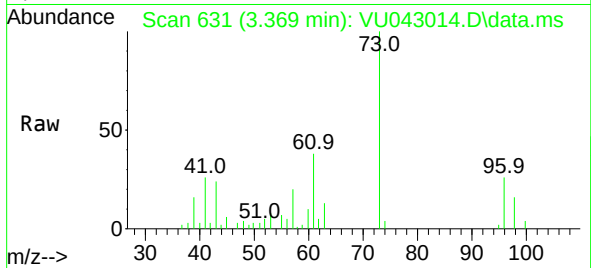
#19
Methyl tert-butyl Ether
Concen: 5.14 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 73 Resp: 18647
Ion Ratio Lower Upper
73 100
57 20.2 18.8 28.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

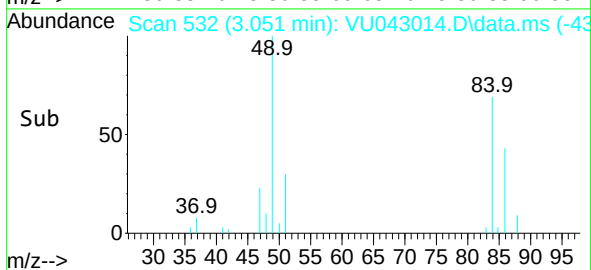
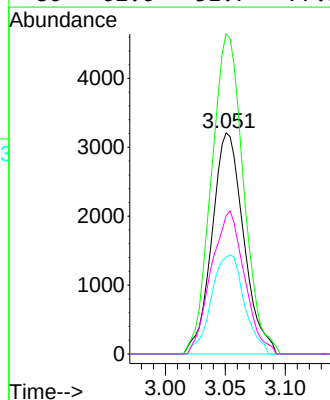
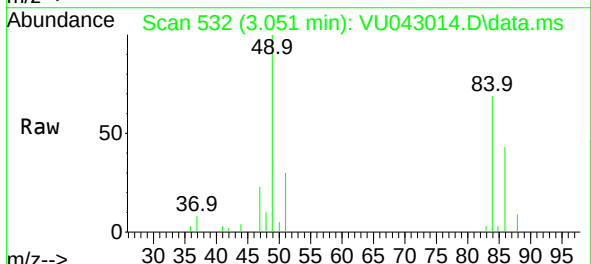
Manual Integrations
APPROVED

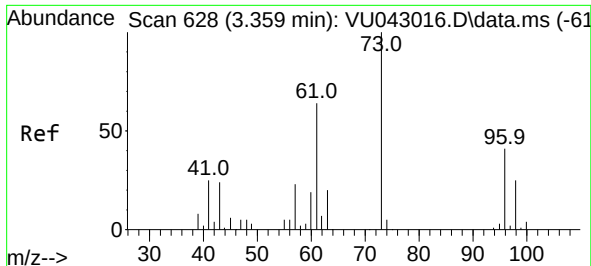
MMDadoda
4/13/2021 5:47:00 PM



#20
Methylene Chloride
Concen: 5.22 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 84 Resp: 5896
Ion Ratio Lower Upper
84 100
49 144.7 112.6 169.0
51 43.7 33.7 50.5
86 62.6 51.7 77.5





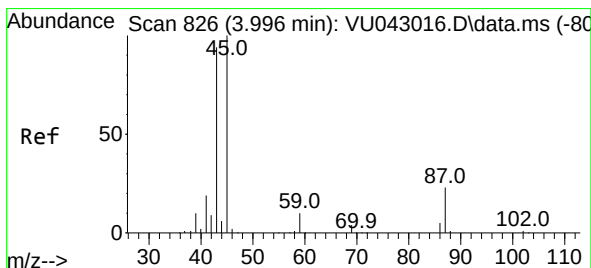
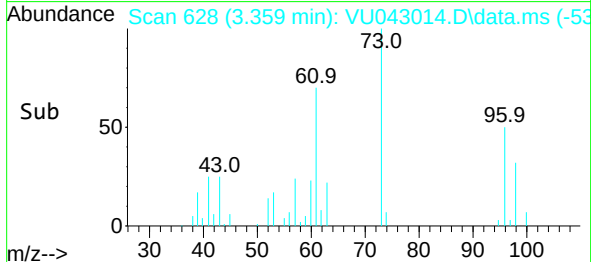
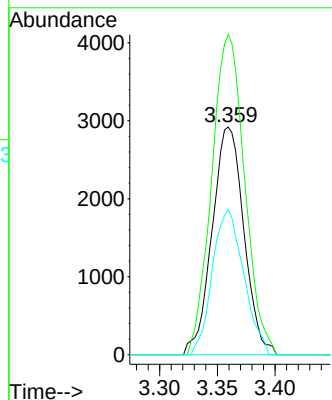
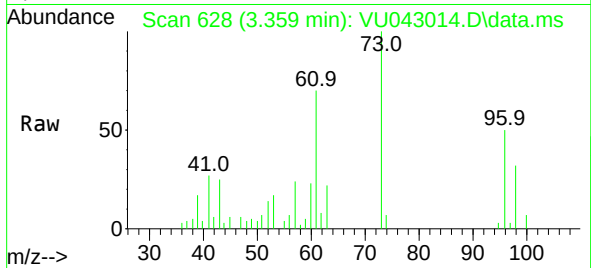
#21
trans-1,2-Dichloroethene
Concen: 5.45 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 96 Resp: 5590
Ion Ratio Lower Upper
96 100
61 140.5 122.4 183.6
98 63.7 51.9 77.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

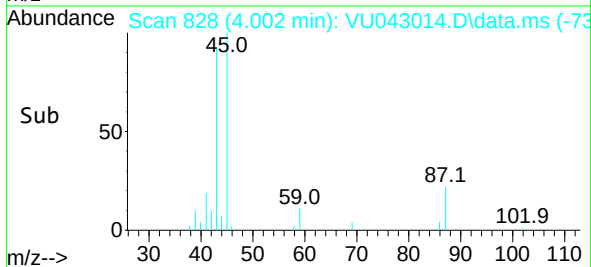
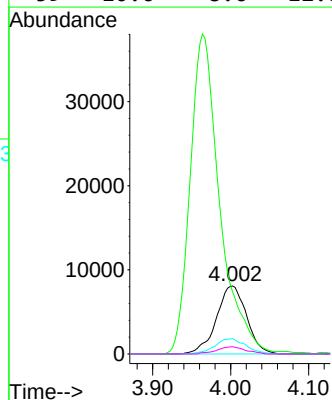
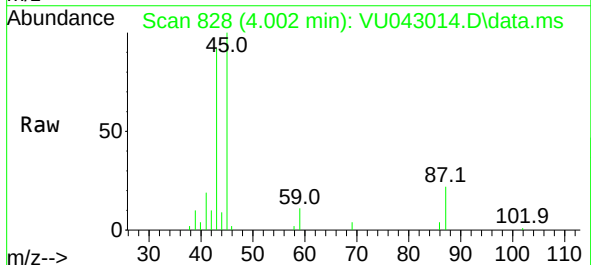
Manual Integrations
APPROVED

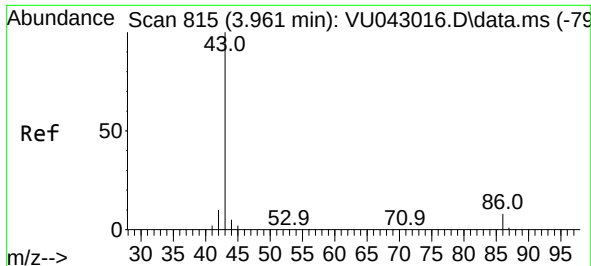
MMDadoda
4/13/2021 5:47:00 PM



#22
Diisopropyl ether
Concen: 5.33 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.006 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 45 Resp: 21661
Ion Ratio Lower Upper
45 100
43 87.8 73.0 109.6
87 22.5 19.5 29.3
59 10.6 8.6 12.8





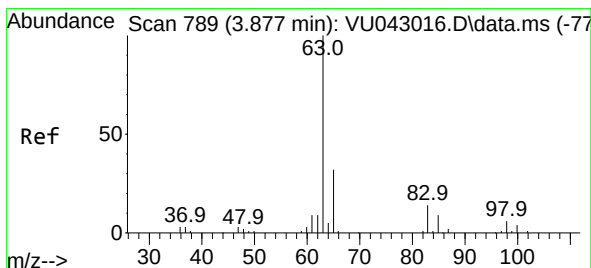
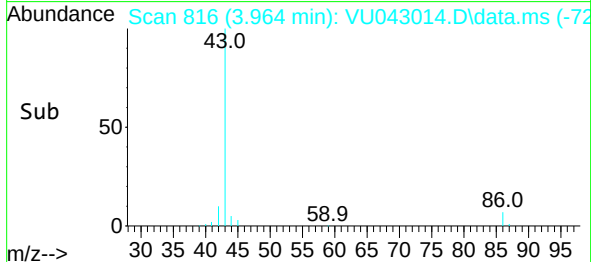
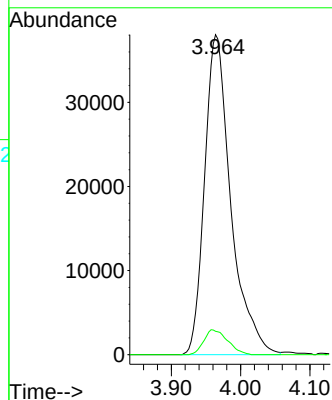
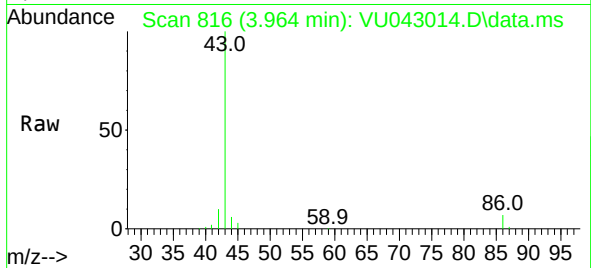
#23
 Vinyl Acetate
 Concen: 25.86 ug/l
 RT: 3.964 min Scan# 816
 Delta R.T. 0.003 min
 Lab File: VU043014.D
 Acq: 12 Apr 2021 10:34

Tgt Ion: 43 Resp: 100042
 Ion Ratio Lower Upper
 43 100
 86 7.3 6.7 10.1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

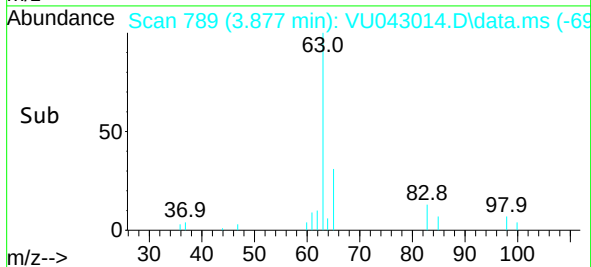
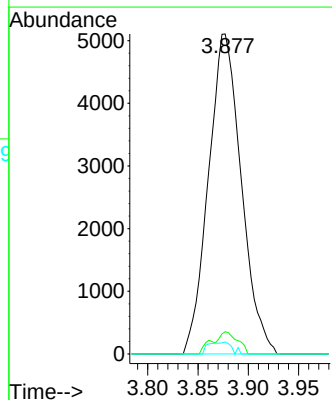
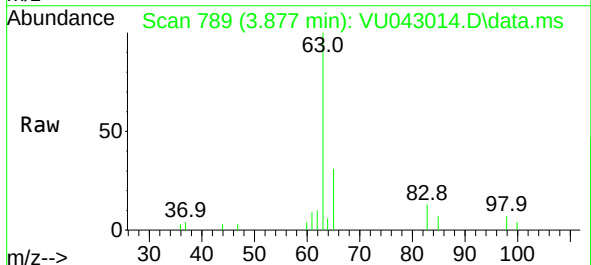
Manual Integrations
 APPROVED

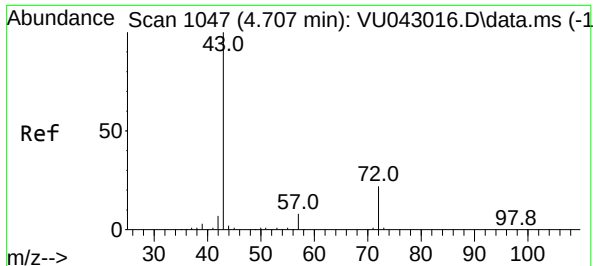
MMDadoda
 4/13/2021 5:47:00 PM



#24
 1,1-Dichloroethane
 Concen: 5.54 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VU043014.D
 Acq: 12 Apr 2021 10:34

Tgt Ion: 63 Resp: 11598
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.3
 100 3.7 2.1 6.2





#25

2-Butanone

Concen: 27.32 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU043014.D

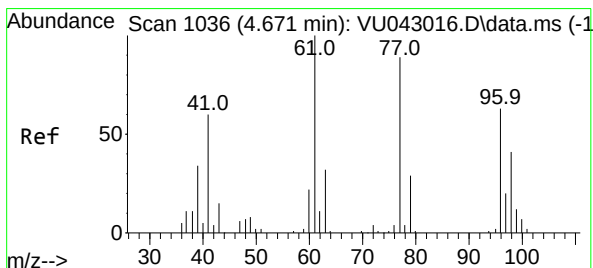
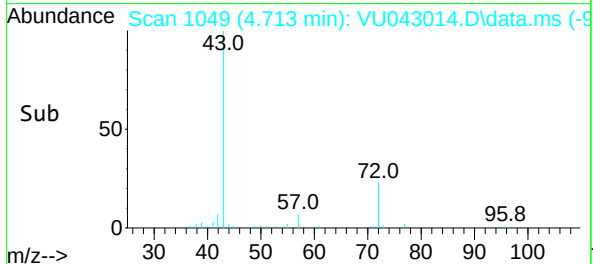
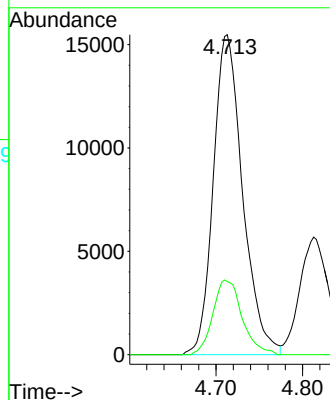
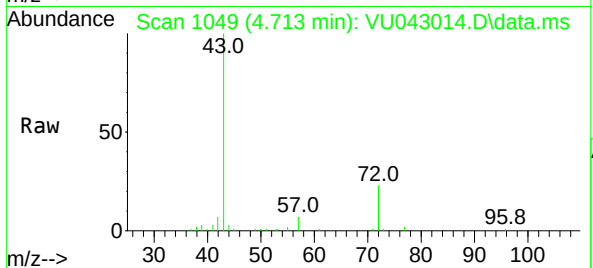
Acq: 12 Apr 2021 10:34

Tgt Ion: 43 Resp: 36440

Ion Ratio Lower Upper

43 100

72 22.9 17.4 26.0



#26

2,2-Dichloropropane

Concen: 5.21 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU043014.D

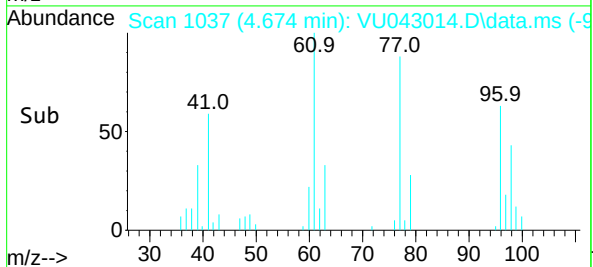
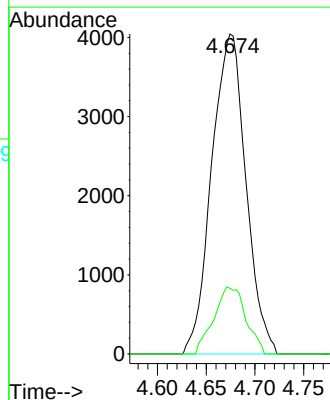
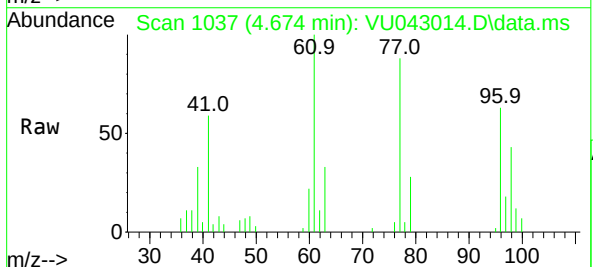
Acq: 12 Apr 2021 10:34

Tgt Ion: 77 Resp: 9872

Ion Ratio Lower Upper

77 100

97 19.5 10.6 31.8



Instrument :

MSVOA_U

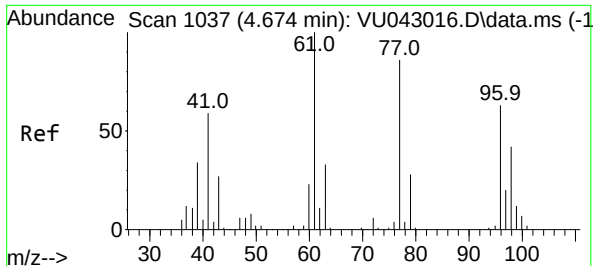
ClientSampleId :

VSTDIC005

Manual Integrations

APPROVED

MMDadoda
4/13/2021 5:47:00 PM



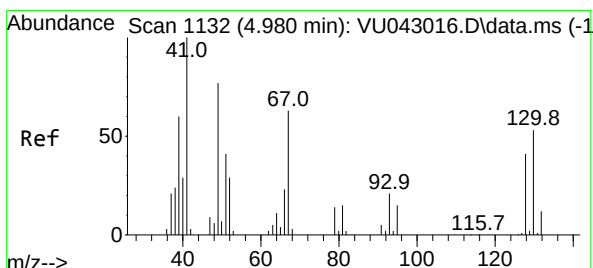
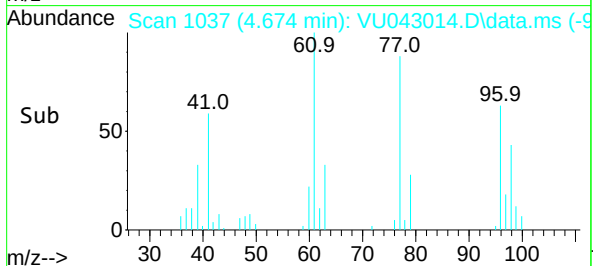
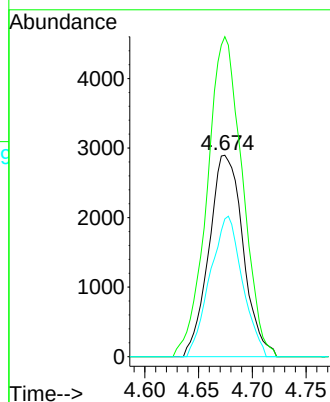
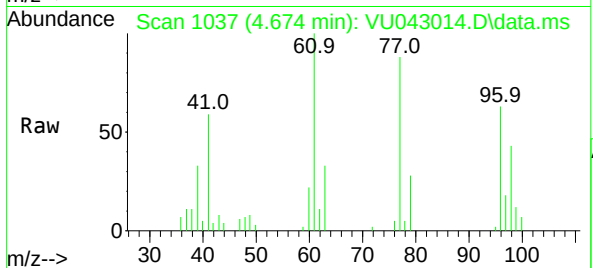
#27
cis-1,2-Dichloroethene
Concen: 5.38 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:	96	Resp:	6408
Ion	Ratio	Lower	Upper
96	100		
61	163.2	0.0	322.2
98	66.0	0.0	128.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

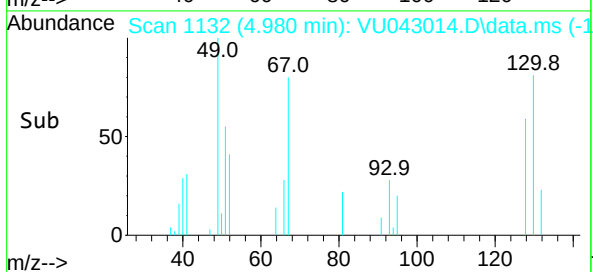
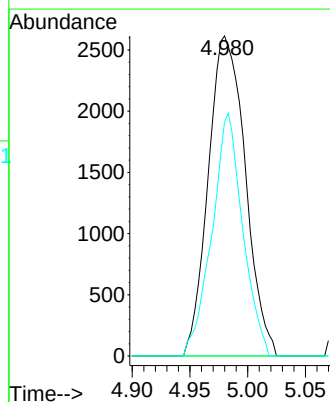
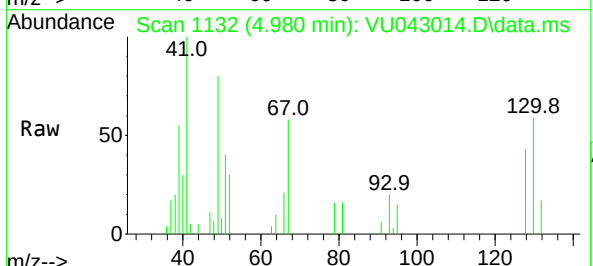
Manual Integrations
APPROVED

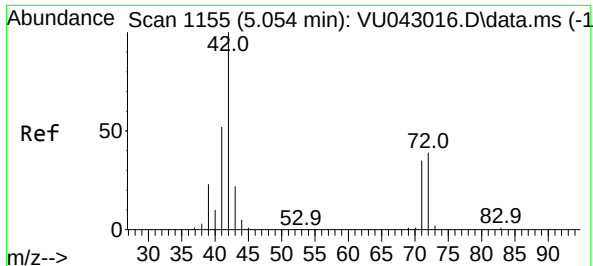
MMDadoda
4/13/2021 5:47:00 PM



#28
Bromochloromethane
Concen: 5.47 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:	49	Resp:	5828
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	63.1	57.1	85.7





#29

Tetrahydrofuran

Concen: 27.16 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. 0.006 min

Lab File: VU043014.D

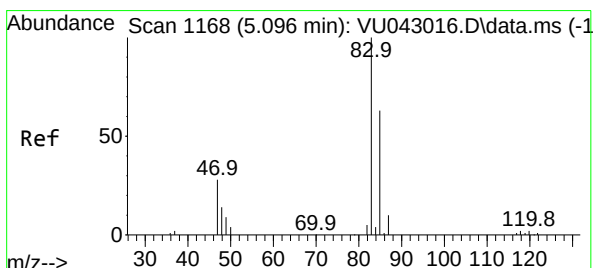
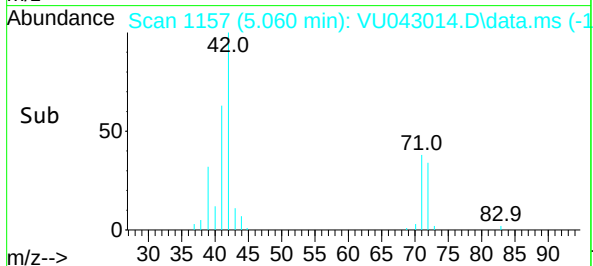
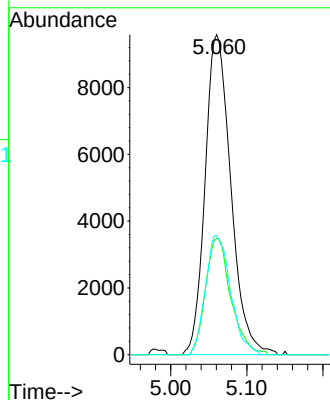
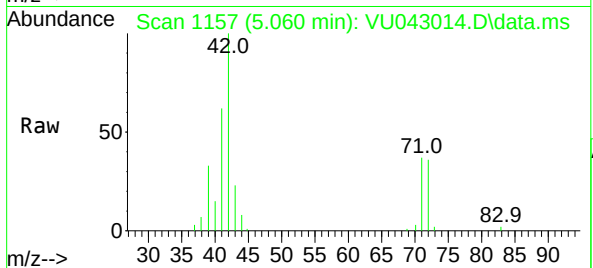
Acq: 12 Apr 2021 10:34

Tgt Ion:	42	Resp:	22577
Ion	Ratio	Lower	Upper
42	100		
72	35.8	31.5	47.3
71	36.3	29.5	44.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



#30

Chloroform

Concen: 5.55 ug/l

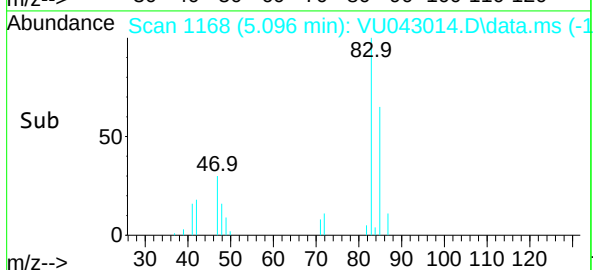
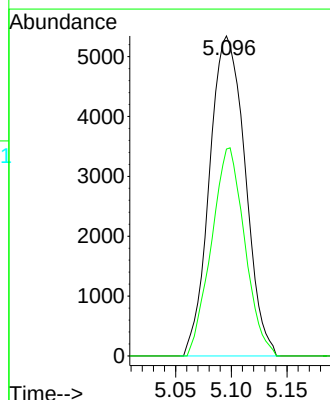
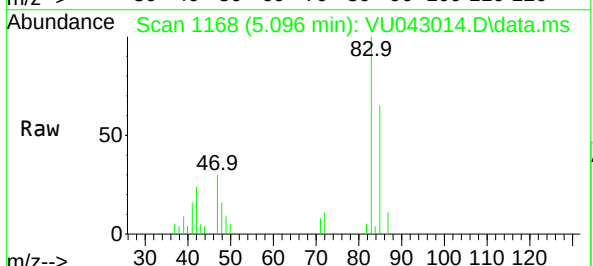
RT: 5.096 min Scan# 1168

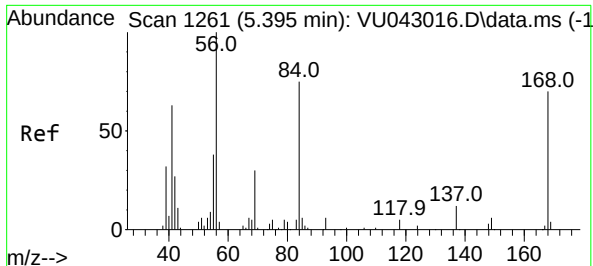
Delta R.T. 0.000 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

Tgt Ion:	83	Resp:	11899
Ion	Ratio	Lower	Upper
83	100		
85	64.6	54.6	81.8





#31

Cyclohexane

Concen: 5.85 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU043014.D

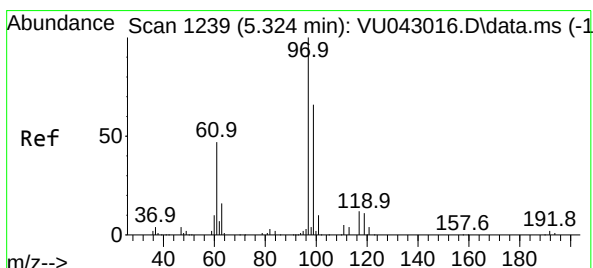
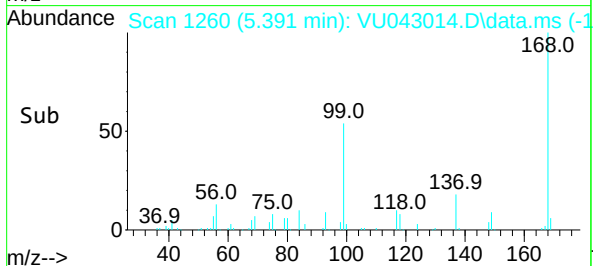
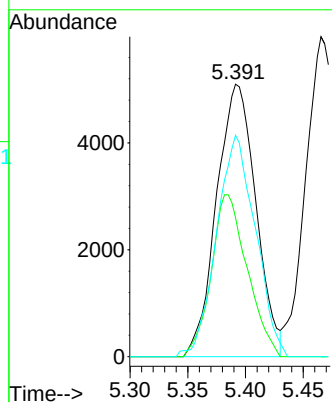
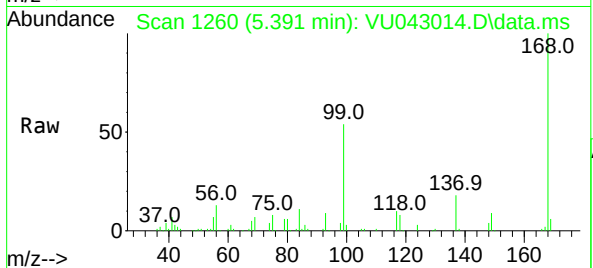
Acq: 12 Apr 2021 10:34

Tgt Ion:	56	Resp:	12063
Ion Ratio	Lower	Upper	
56	100		
69	51.0	24.9	37.3#
84	79.3	63.7	95.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



#32

1,1,1-Trichloroethane

Concen: 5.32 ug/l

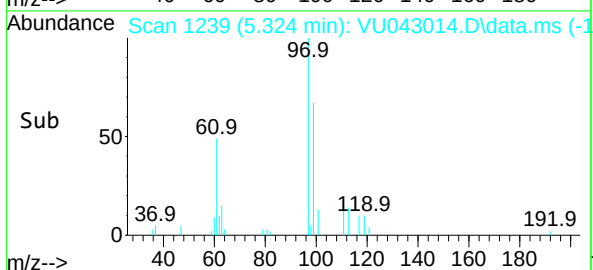
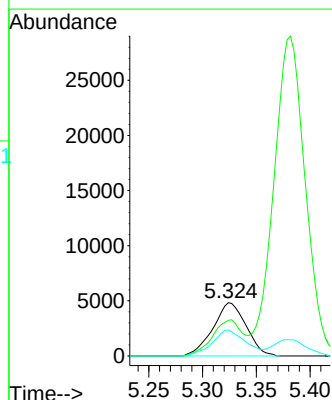
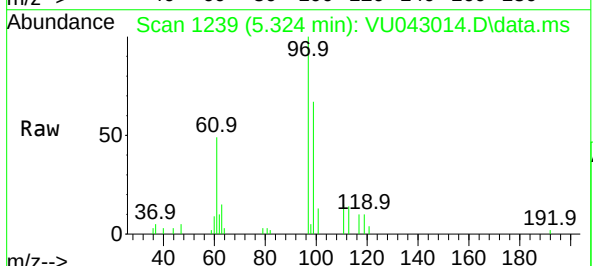
RT: 5.324 min Scan# 1239

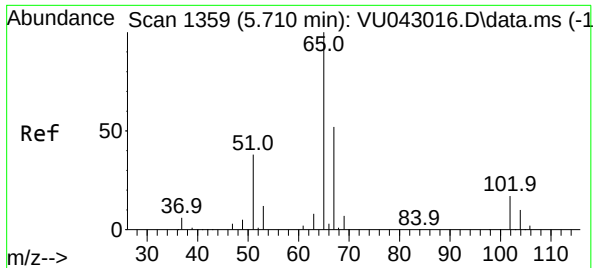
Delta R.T. 0.000 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

Tgt Ion:	97	Resp:	10347
Ion Ratio	Lower	Upper	
97	100		
99	62.8	51.4	77.0
61	49.1	37.4	56.2





#33

1,2-Dichloroethane-d4

Concen: 6.51 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043014.D

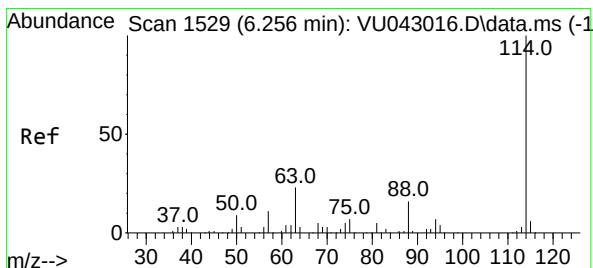
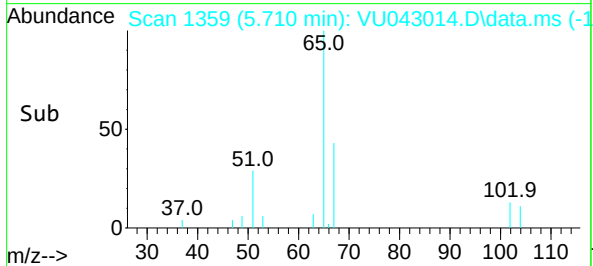
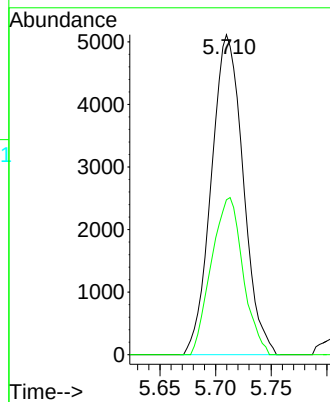
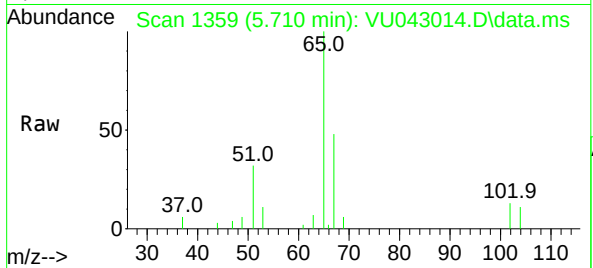
Acq: 12 Apr 2021 10:34

Tgt Ion: 65 Resp: 10171

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

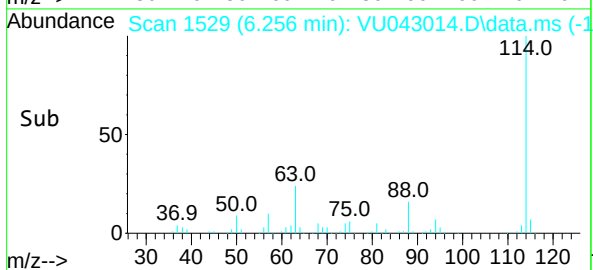
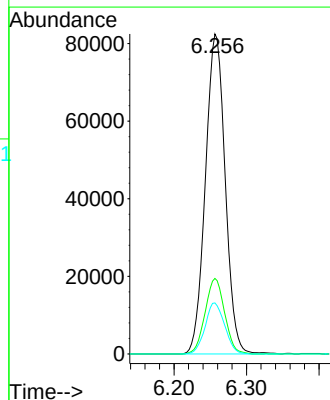
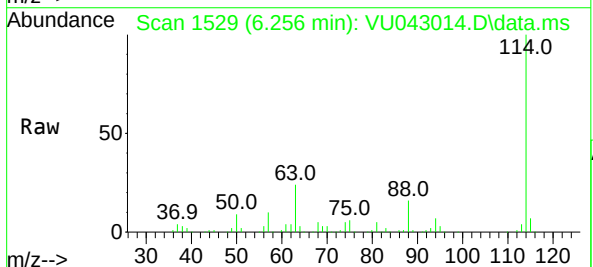
Tgt Ion: 114 Resp: 156527

Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.2

88 16.0 0.0 33.4



Instrument :

MSVOA_U

ClientSampleId :

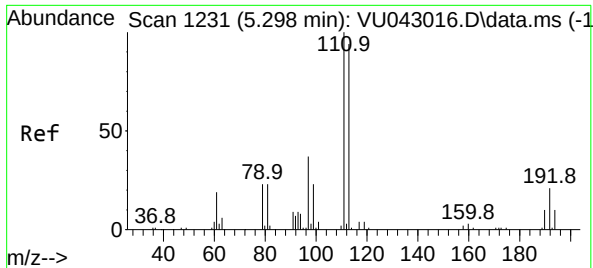
VSTDIC005

Manual Integrations

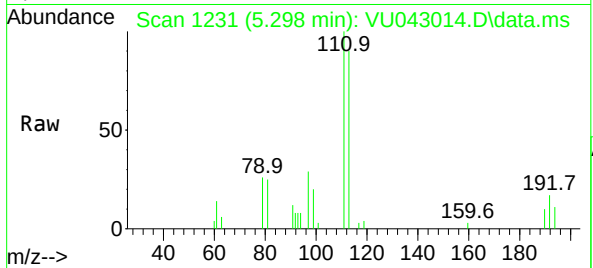
APPROVED

MMDadoda

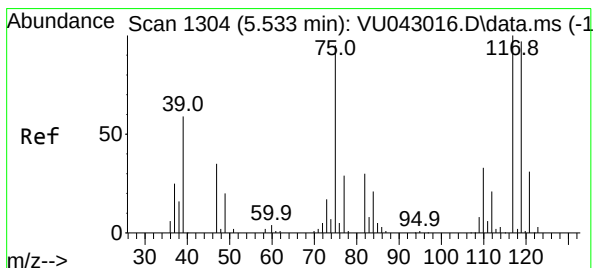
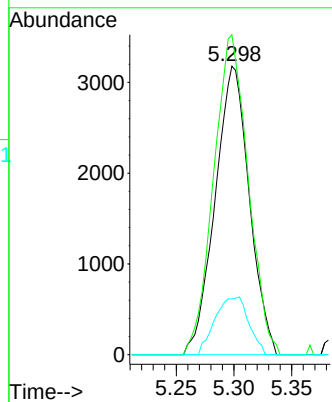
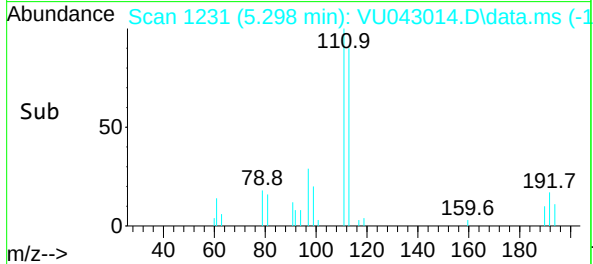
4/13/2021 5:47:00 PM



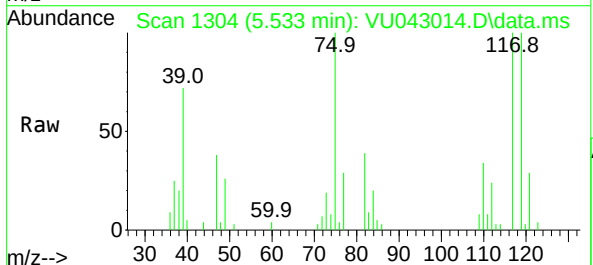
#35
Dibromofluoromethane
Concen: 5.94 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



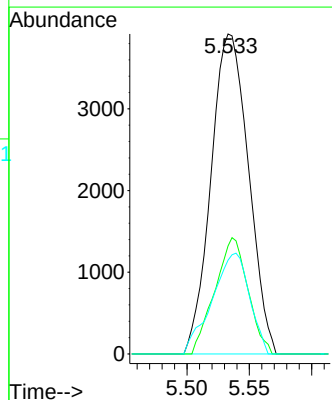
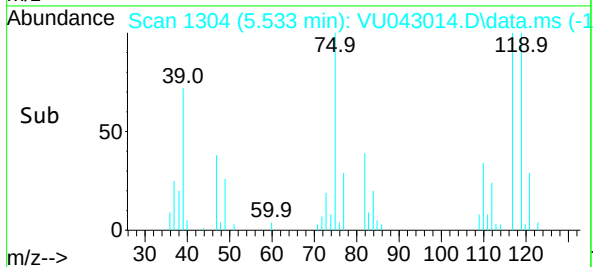
Tgt Ion: 113 Resp: 6554
Ion Ratio Lower Upper
113 100
111 111.8 81.8 122.8
192 19.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.22 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



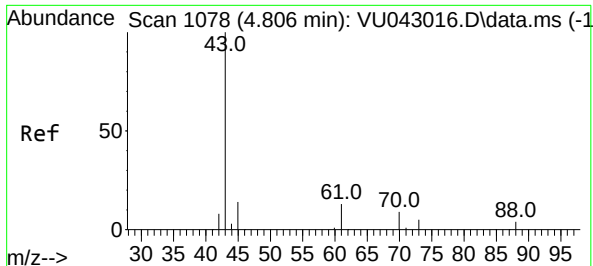
Tgt Ion: 75 Resp: 8193
Ion Ratio Lower Upper
75 100
110 32.0 16.8 50.3
77 31.3 24.8 37.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



#37

Ethyl Acetate

Concen: 5.36 ug/l

RT: 4.813 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VU043014.D

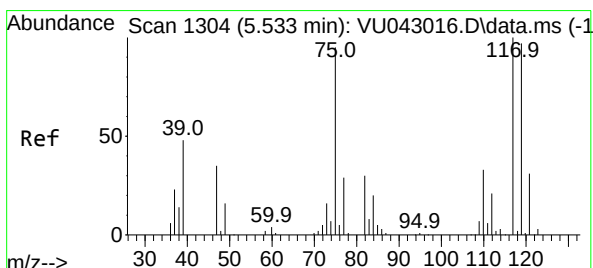
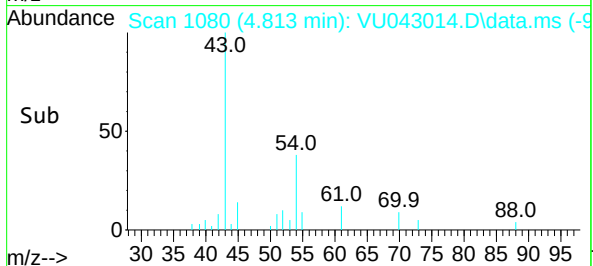
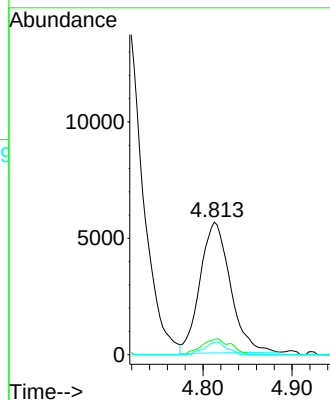
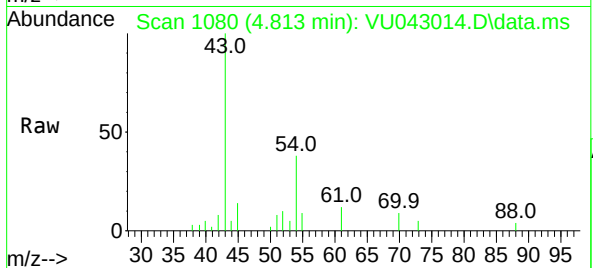
Acq: 12 Apr 2021 10:34

Tgt Ion:	43	Resp:	13233
Ion	Ratio	Lower	Upper
43	100		
61	11.8	10.1	15.1
70	7.1	7.2	10.8#

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



#38

Carbon Tetrachloride

Concen: 5.00 ug/l

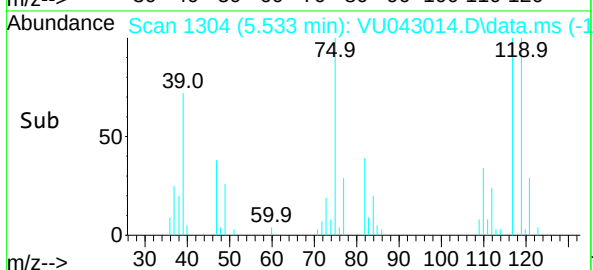
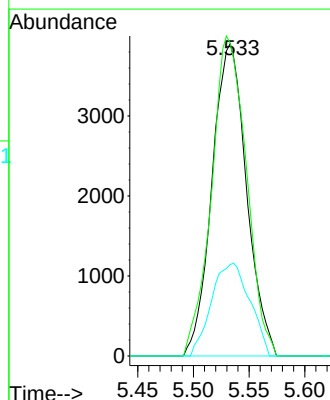
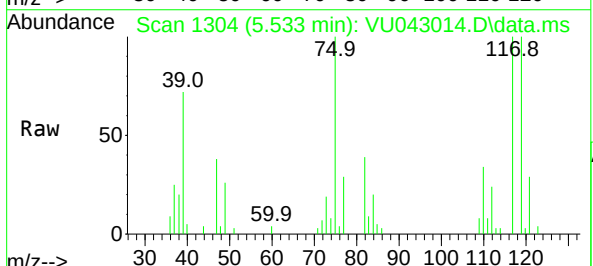
RT: 5.533 min Scan# 1304

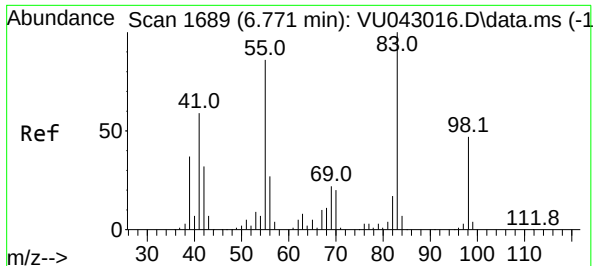
Delta R.T. 0.000 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

Tgt Ion:	117	Resp:	8387
Ion	Ratio	Lower	Upper
117	100		
119	100.1	75.5	113.3
121	29.2	24.7	37.1





#39

Methylcyclohexane

Concen: 4.70 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

Tgt Ion:	83	Resp:	8476
Ion	Ratio	Lower	Upper
83	100		
55	89.0	66.8	100.2
98	47.2	36.9	55.3

Instrument :

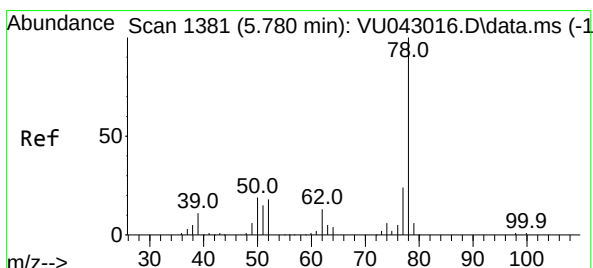
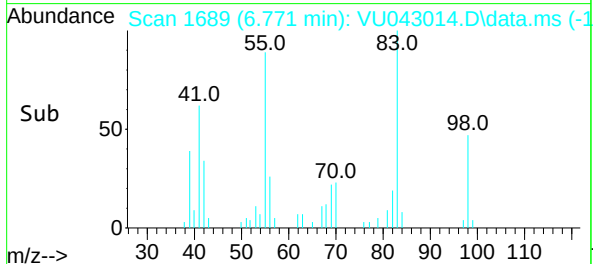
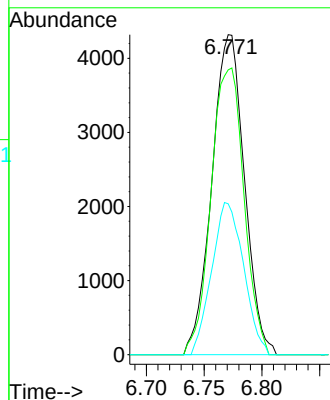
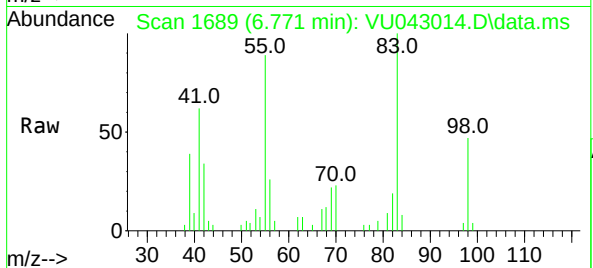
MSVOA_U

ClientSampleId :

VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



#40

Benzene

Concen: 5.49 ug/l

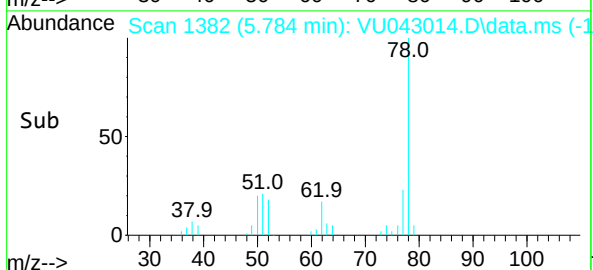
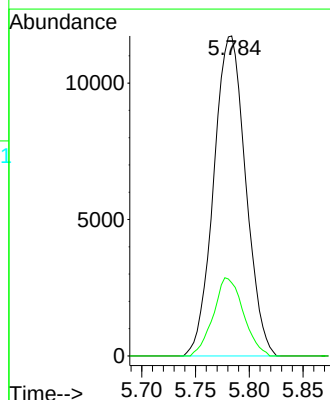
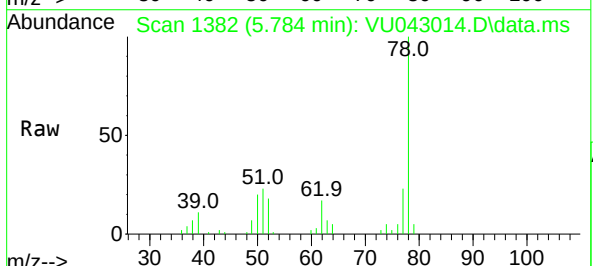
RT: 5.784 min Scan# 1382

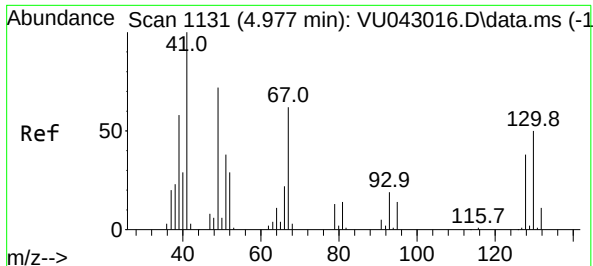
Delta R.T. 0.003 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

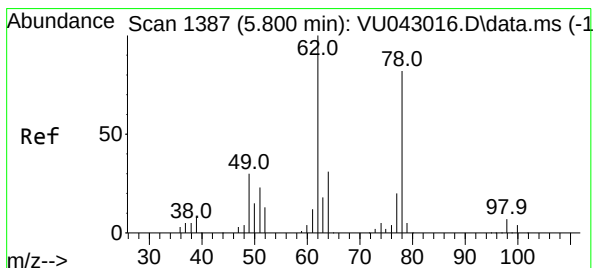
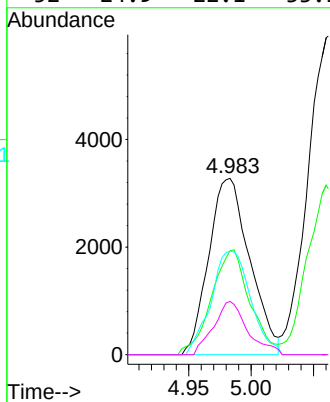
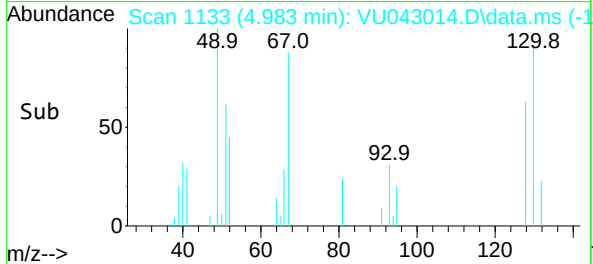
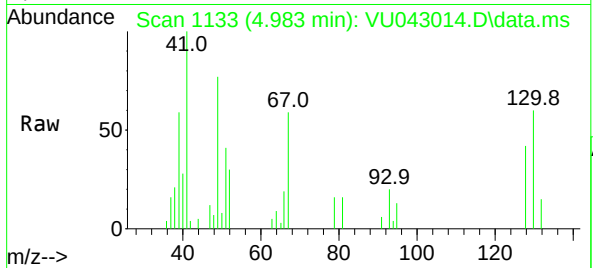
Tgt Ion:	78	Resp:	24242
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9





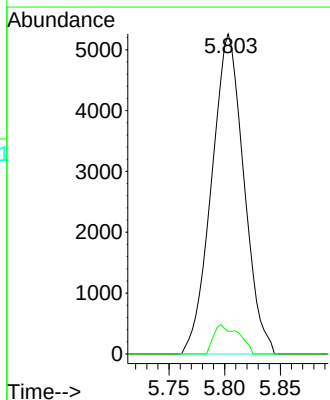
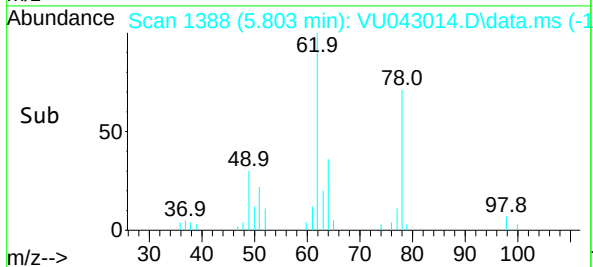
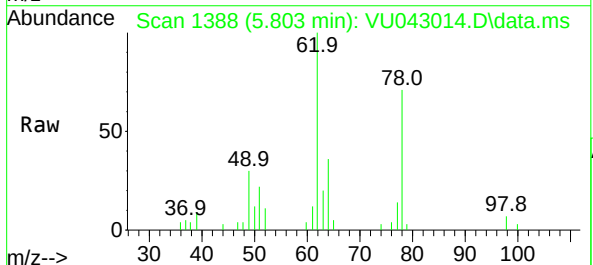
#41
Methacrylonitrile
Concen: 5.88 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:	41	Resp:	7501
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.1	67.7
67	56.4	50.2	75.2
52	24.9	22.1	33.1



#42
1,2-Dichloroethane
Concen: 5.48 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

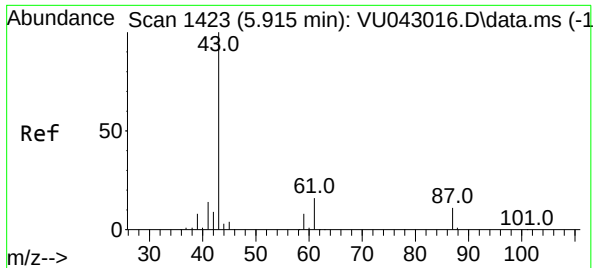
Tgt Ion:	62	Resp:	10600
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	14.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



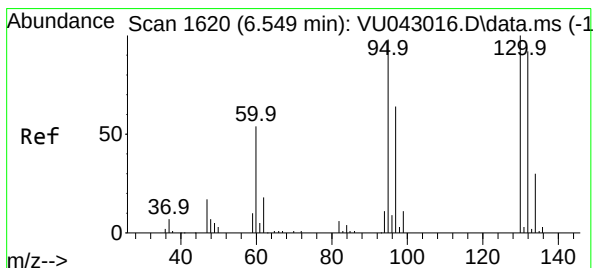
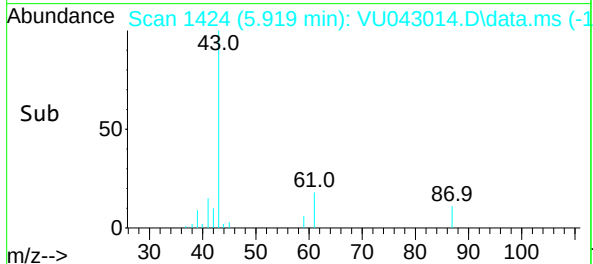
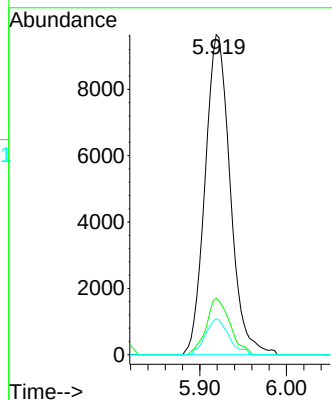
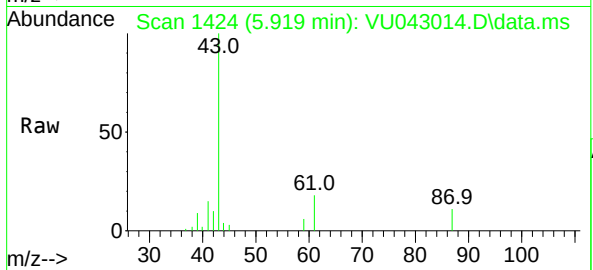
#43
Isopropyl Acetate
Concen: 5.36 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:	43	Resp:	19451
Ion Ratio	Lower	Upper	
43	100		
61	16.6	14.4	21.6
87	10.4	8.8	13.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

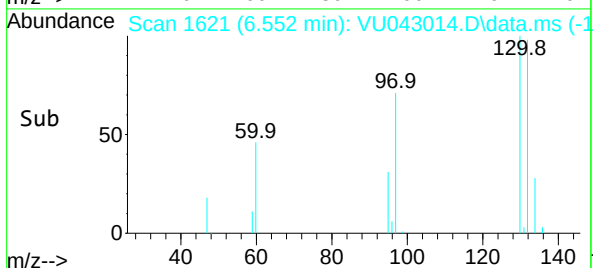
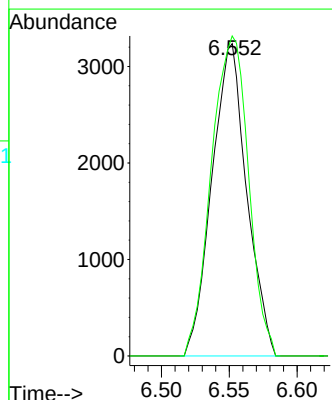
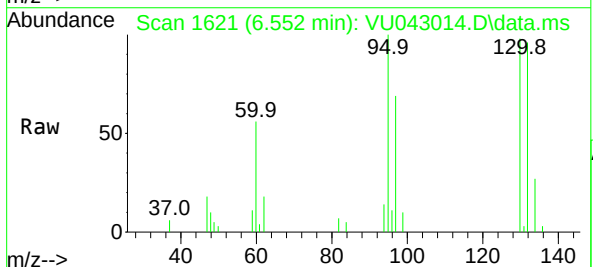
Manual Integrations
APPROVED

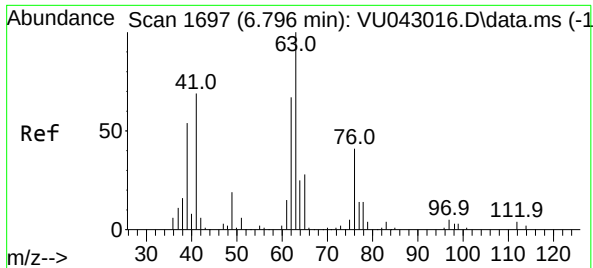
MMDadoda
4/13/2021 5:47:00 PM



#44
Trichloroethene
Concen: 4.96 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:	130	Resp:	5784
Ion Ratio	Lower	Upper	
130	100		
95	102.4	0.0	197.8





#45

1,2-Dichloropropane

Concen: 5.31 ug/l

RT: 6.800 min Scan# 1698

Delta R.T. 0.003 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

Tgt Ion: 63 Resp: 6535

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2

Instrument :

MSVOA_U

ClientSampleId :

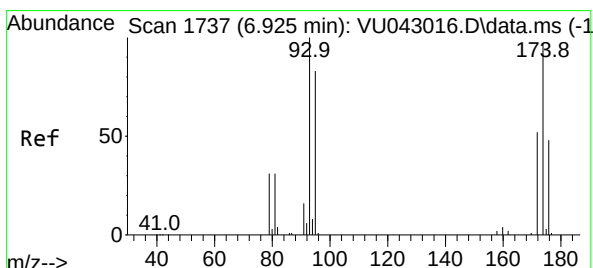
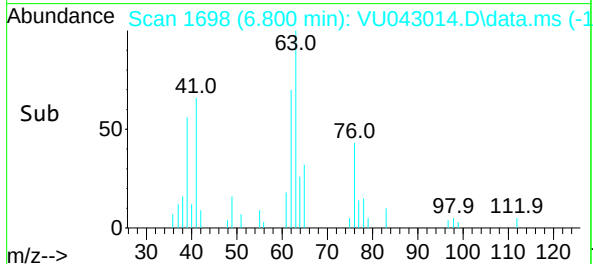
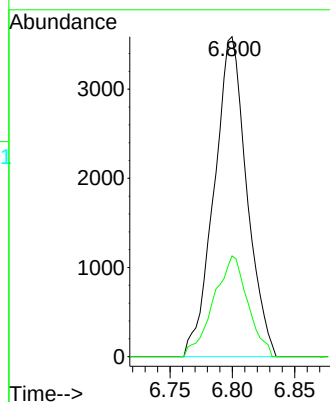
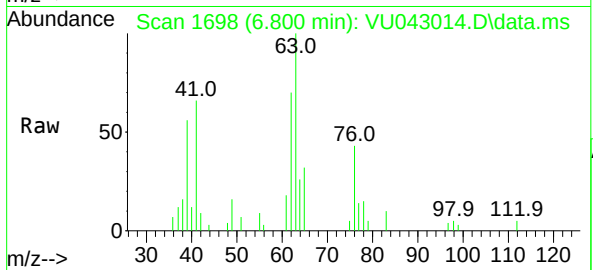
VSTDIC005

Manual Integrations

APPROVED

MMDadoda

4/13/2021 5:47:00 PM



#46

Dibromomethane

Concen: 5.56 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

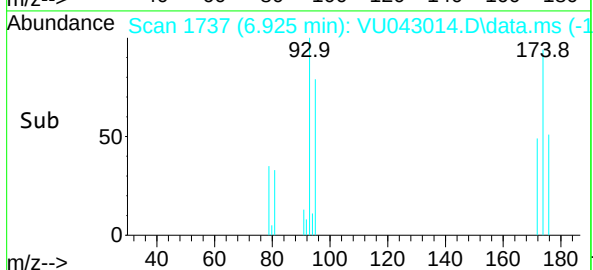
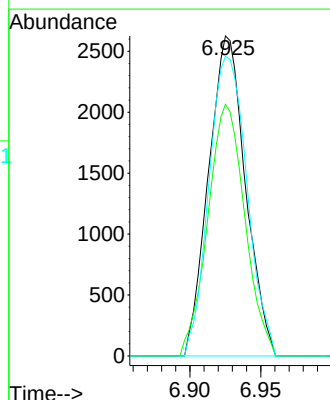
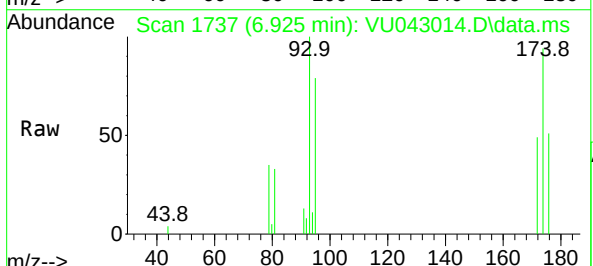
Tgt Ion: 93 Resp: 4748

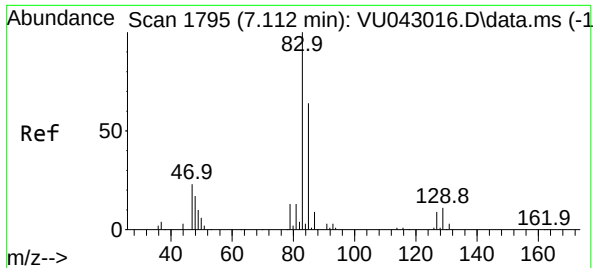
Ion Ratio Lower Upper

93 100

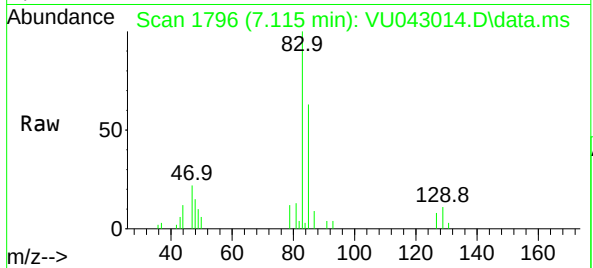
95 78.9 63.6 95.4

174 96.8 83.4 125.2

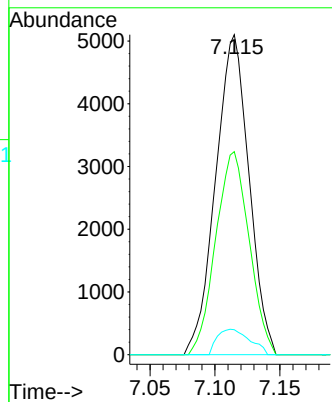
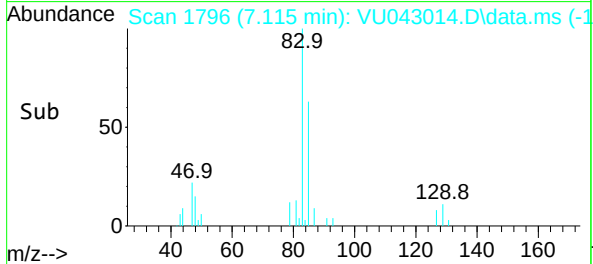




#47
Bromodichloromethane
Concen: 5.42 ug/l
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



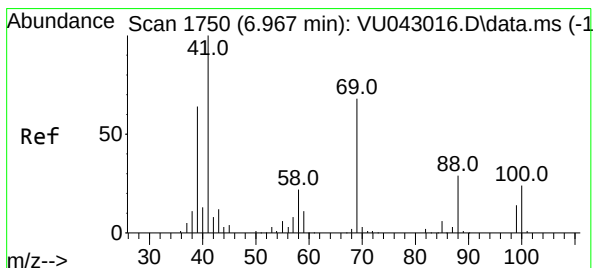
Tgt Ion: 83 Resp: 9106
Ion Ratio Lower Upper
83 100
85 63.4 51.3 76.9
127 7.8 6.9 10.3



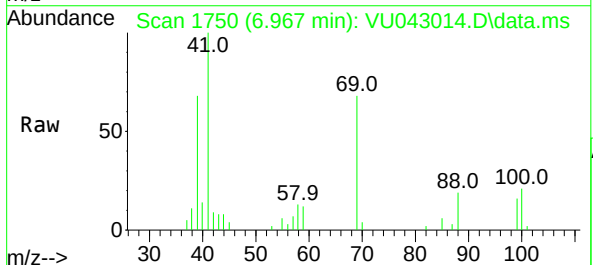
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

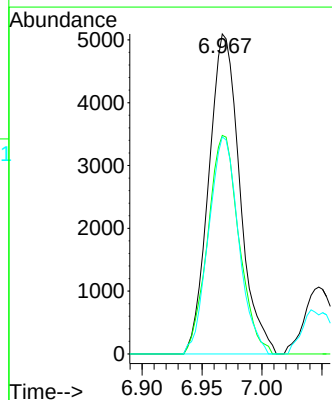
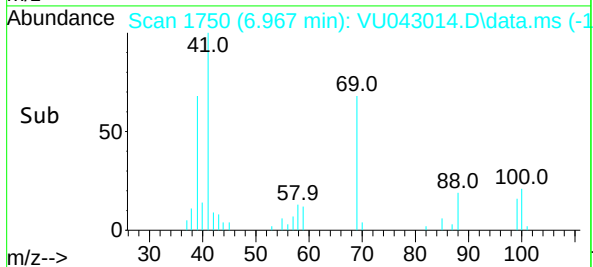
MMDadoda
4/13/2021 5:47:00 PM

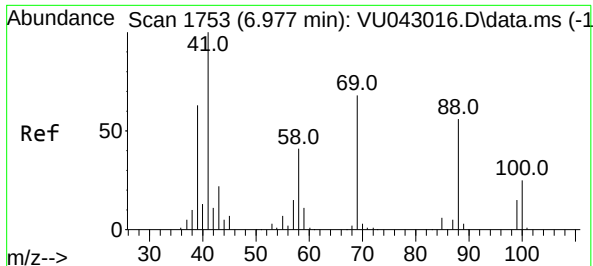


#48
Methyl methacrylate
Concen: 5.09 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



Tgt Ion: 41 Resp: 9164
Ion Ratio Lower Upper
41 100
69 68.5 57.0 85.6
39 65.7 48.4 72.6





#49

1,4-Dioxane

Concen: 107.71 ug/l

RT: 6.983 min Scan# 1755

Delta R.T. 0.006 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

Tgt Ion:	88	Resp:	3770
Ion	Ratio	Lower	Upper
88	100		
43	34.9	0.0	0.0#
58	72.1	60.4	90.6

Instrument :

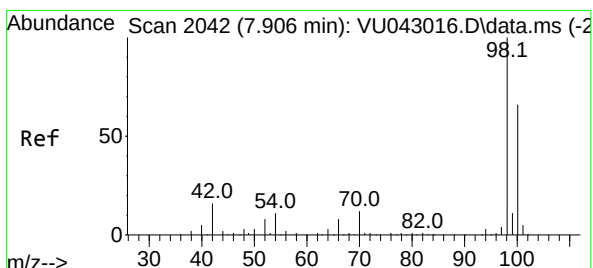
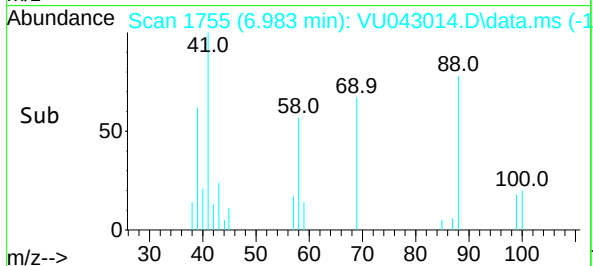
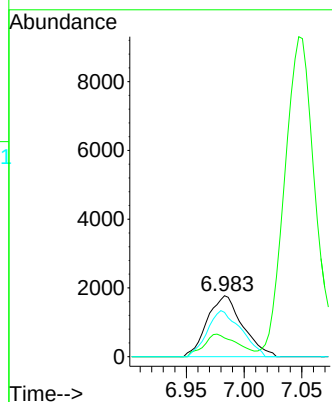
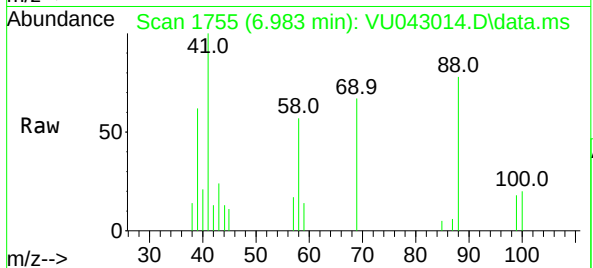
MSVOA_U

ClientSampleId :

VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



#50

Toluene-d8

Concen: 5.49 ug/l

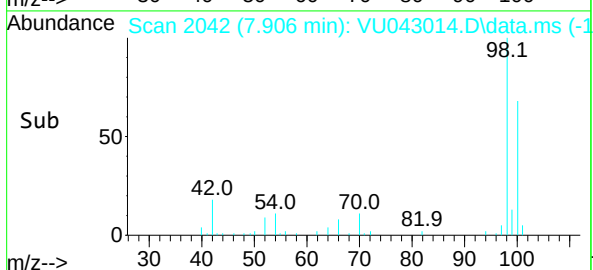
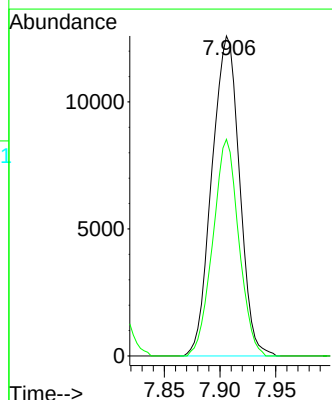
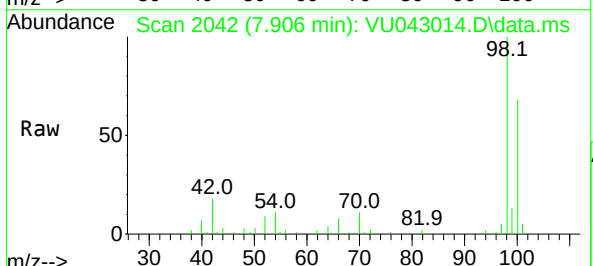
RT: 7.906 min Scan# 2042

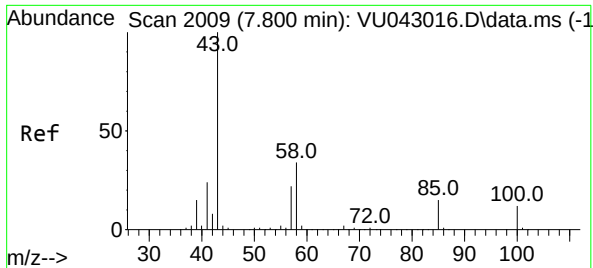
Delta R.T. 0.000 min

Lab File: VU043014.D

Acq: 12 Apr 2021 10:34

Tgt Ion:	98	Resp:	21753
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.2	75.2





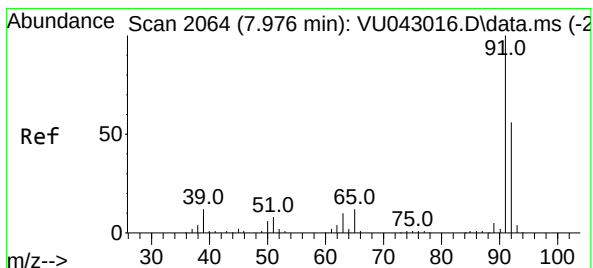
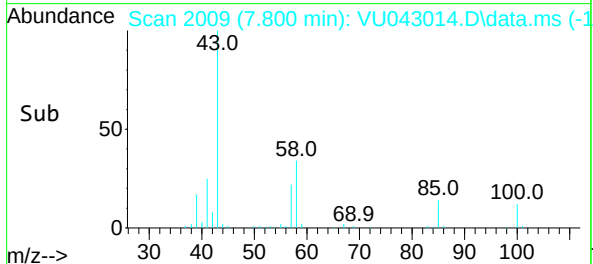
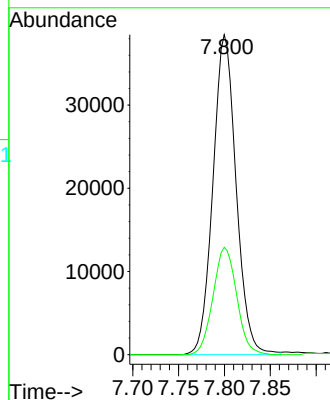
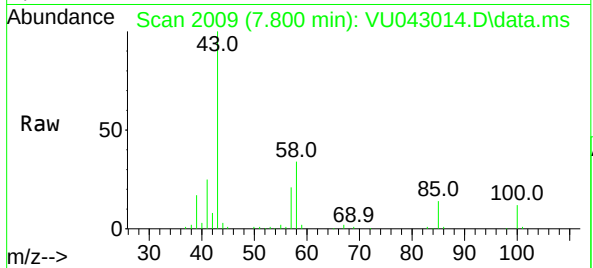
#51
4-Methyl-2-Pentanone
Concen: 27.06 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 43 Resp: 67648
Ion Ratio Lower Upper
43 100
58 34.2 28.1 42.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

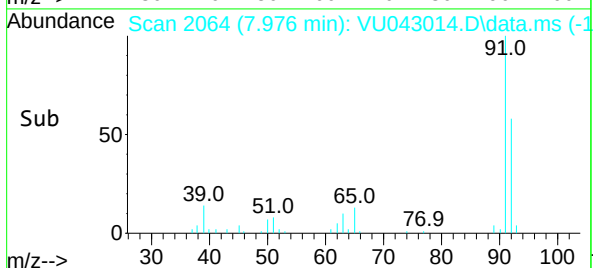
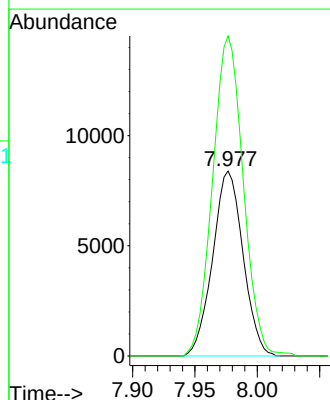
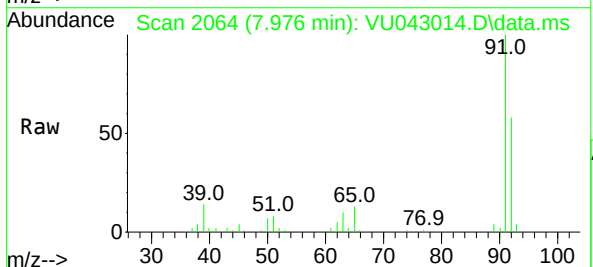
Manual Integrations
APPROVED

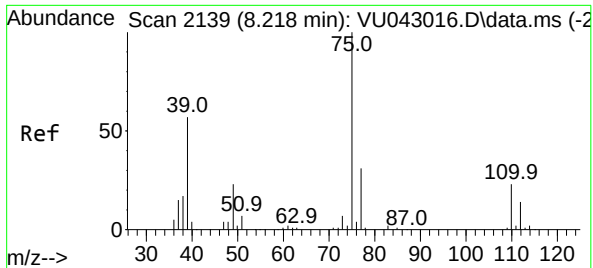
MMDadoda
4/13/2021 5:47:00 PM



#52
Toluene
Concen: 5.20 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 92 Resp: 14228
Ion Ratio Lower Upper
92 100
91 174.6 140.3 210.5





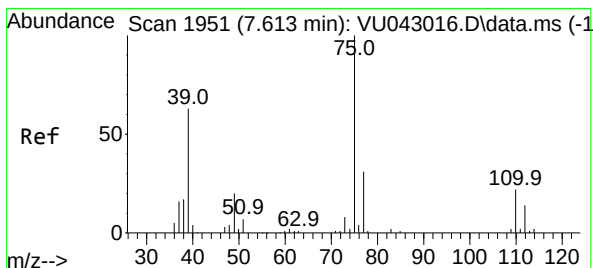
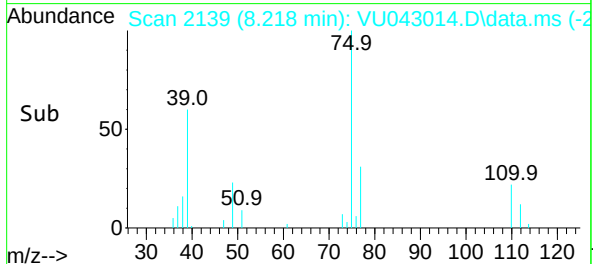
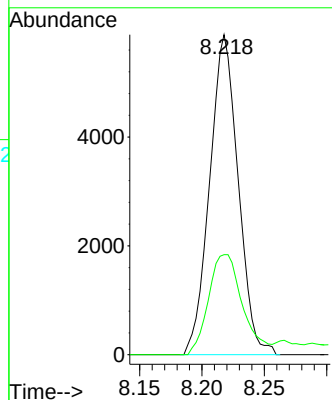
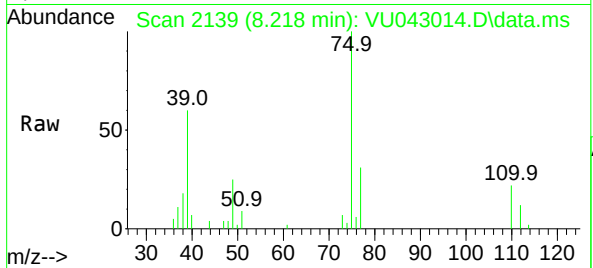
#53
t-1,3-Dichloropropene
Concen: 5.05 ug/l
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 75 Resp: 9366
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

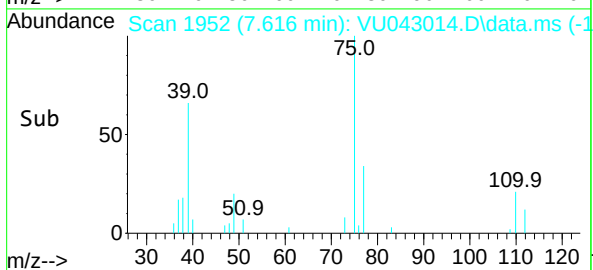
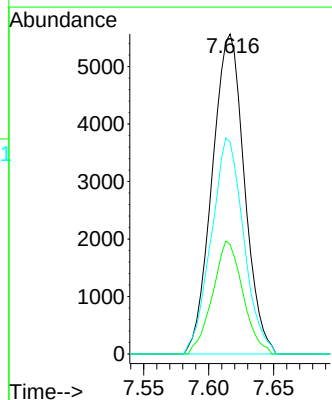
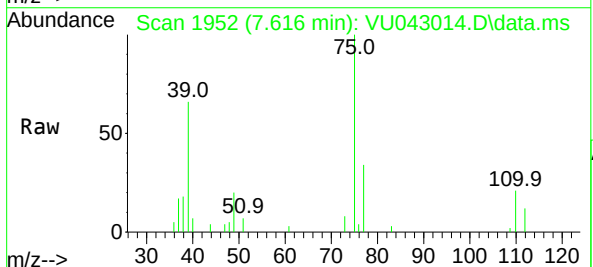
Manual Integrations
APPROVED

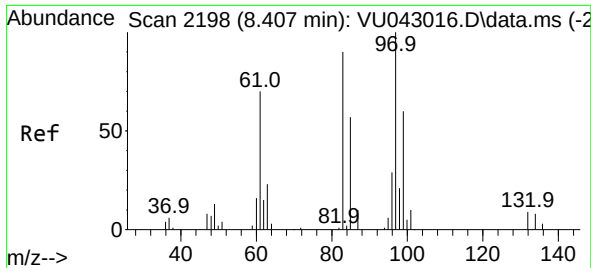
MMDadoda
4/13/2021 5:47:00 PM



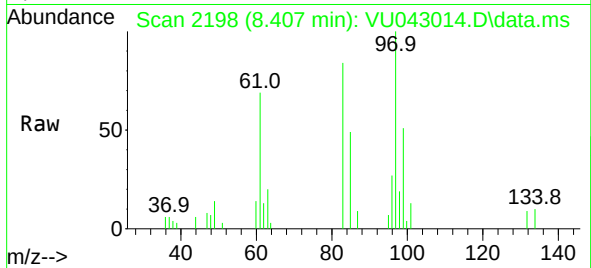
#54
cis-1,3-Dichloropropene
Concen: 4.91 ug/l
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 75 Resp: 9601
Ion Ratio Lower Upper
75 100
77 34.2 24.6 37.0
39 66.1 46.1 69.1

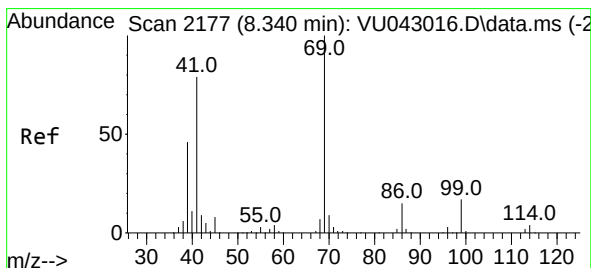
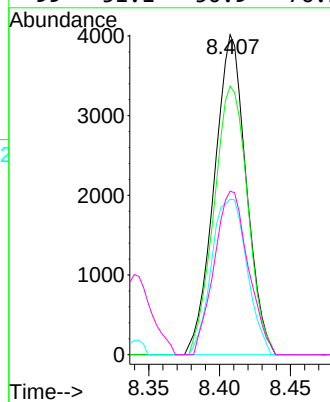
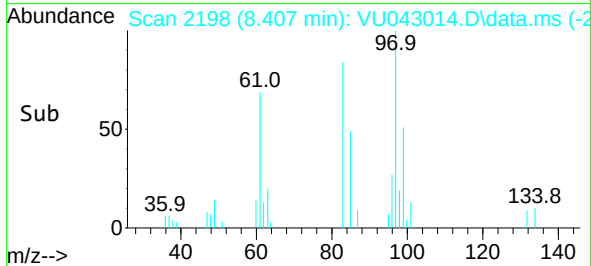




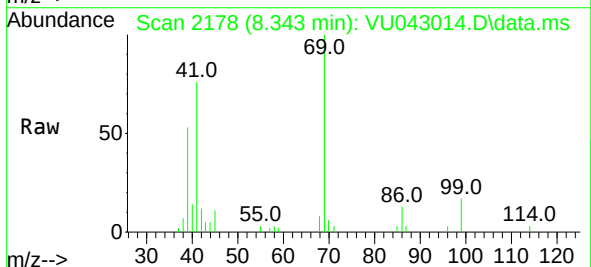
#55
1,1,2-Trichloroethane
Concen: 5.55 ug/l
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



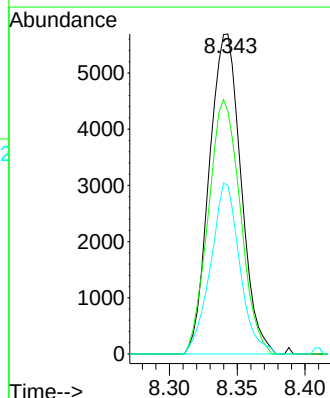
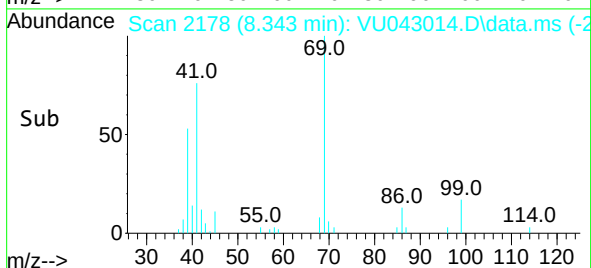
Tgt Ion: 97	Resp: 6311
Ion Ratio	Lower Upper
97 100	
83 83.9	72.6 109.0
85 48.6	46.6 69.8
99 51.1	50.9 76.3



#56
Ethyl methacrylate
Concen: 4.75 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



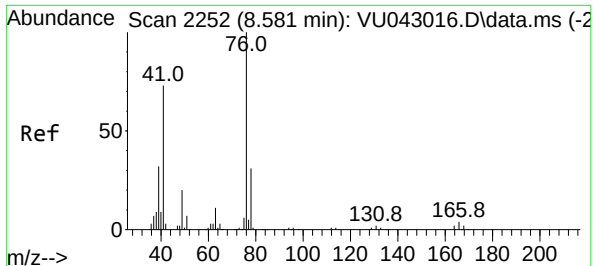
Tgt Ion: 69	Resp: 9246
Ion Ratio	Lower Upper
69 100	
41 80.3	62.8 94.2
39 49.2	36.2 54.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

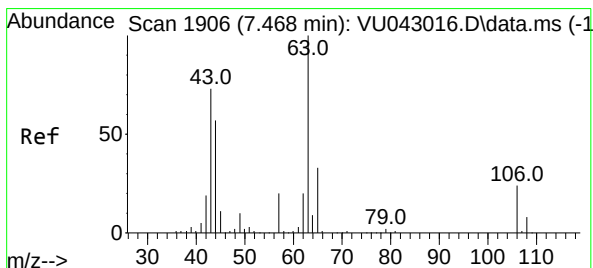
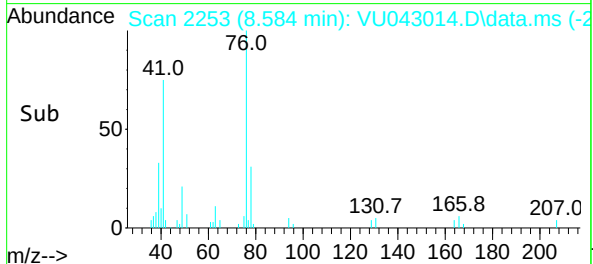
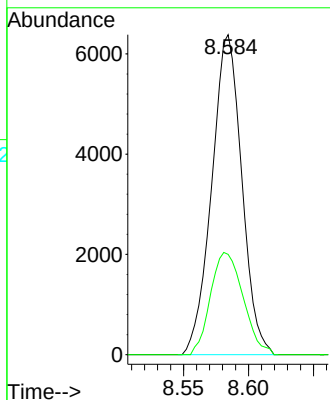
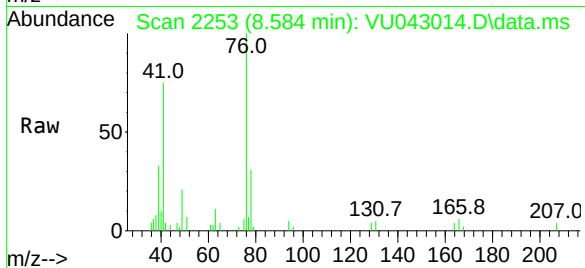
MMDadoda
4/13/2021 5:47:00 PM



#57

1,3-Dichloropropane
Concen: 5.18 ug/l
RT: 8.584 min Scan# 2253
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

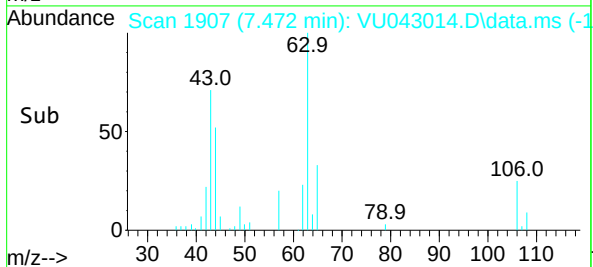
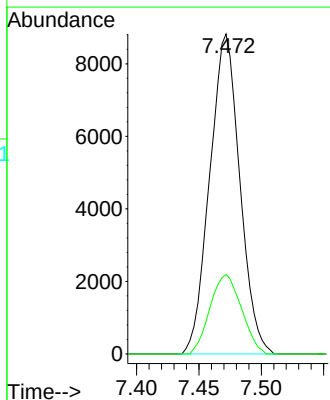
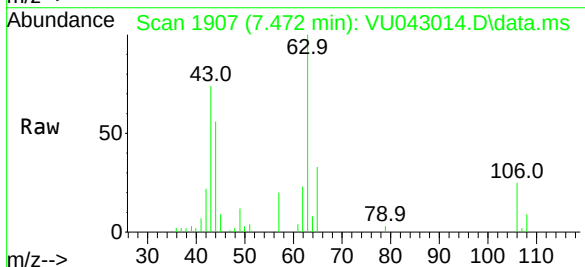
Tgt Ion: 76 Resp: 10270
Ion Ratio Lower Upper
76 100
78 34.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether
Concen: 22.37 ug/l
RT: 7.472 min Scan# 1907
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

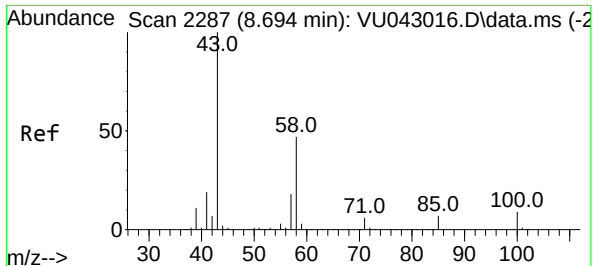
Tgt Ion: 63 Resp: 14824
Ion Ratio Lower Upper
63 100
106 25.9 20.3 30.5



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



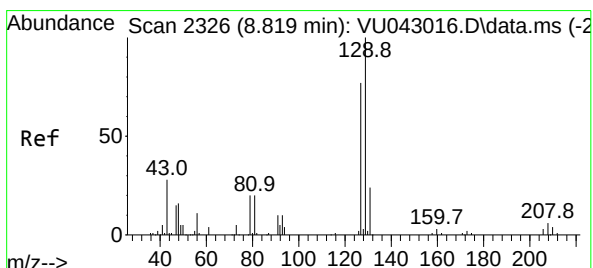
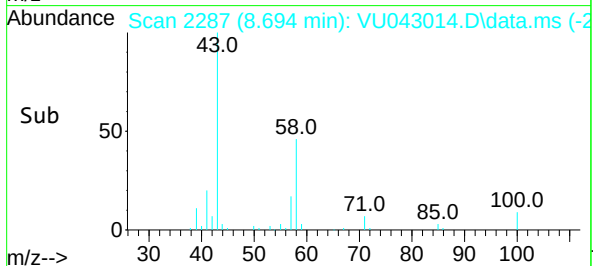
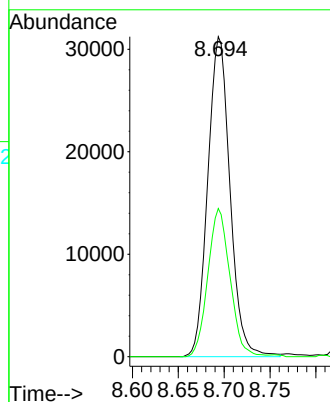
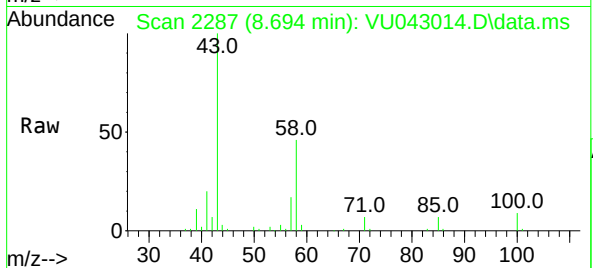
#59
2-Hexanone
Concen: 26.12 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 43 Resp: 52619
Ion Ratio Lower Upper
43 100
58 46.1 24.0 72.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

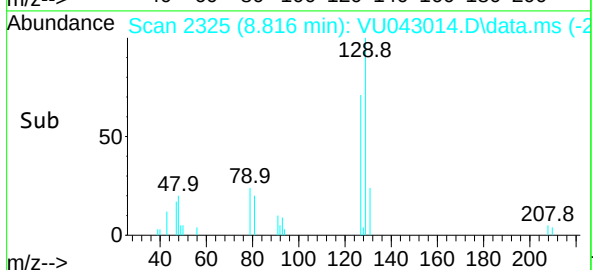
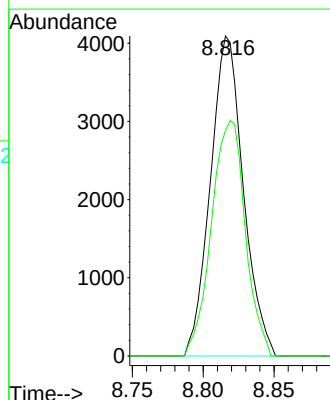
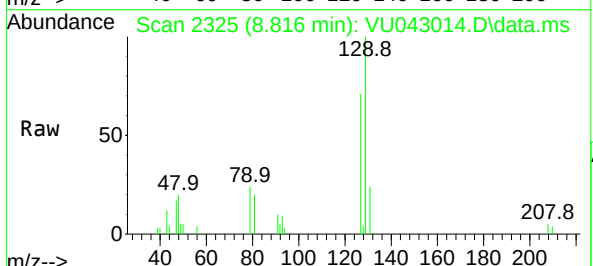
Manual Integrations
APPROVED

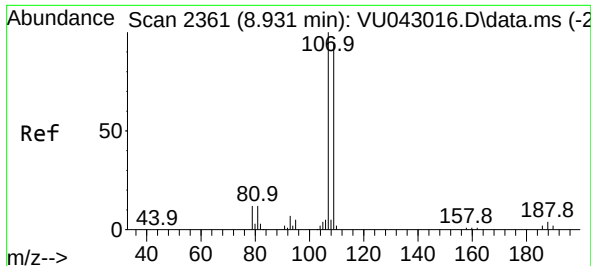
MMDadoda
4/13/2021 5:47:00 PM



#60
Dibromochloromethane
Concen: 4.98 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

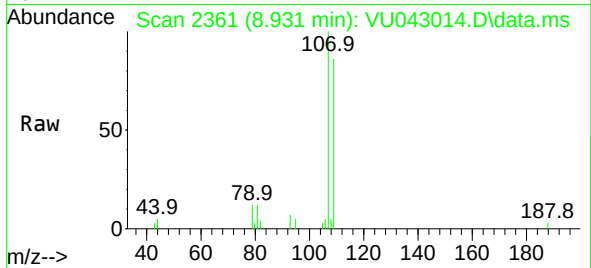
Tgt Ion: 129 Resp: 6615
Ion Ratio Lower Upper
129 100
127 75.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 5.24 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

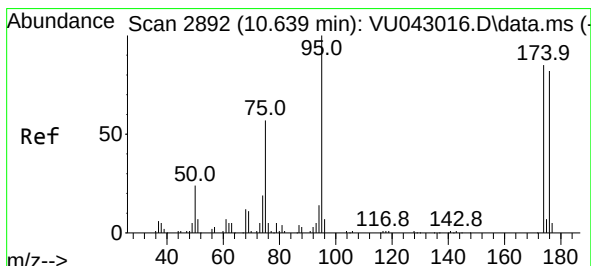
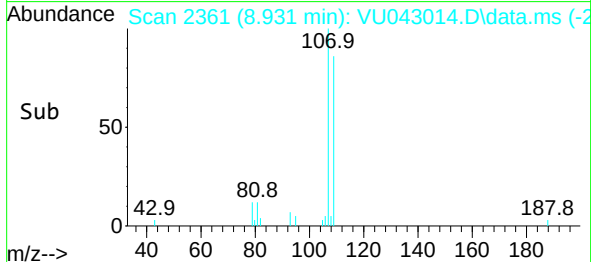
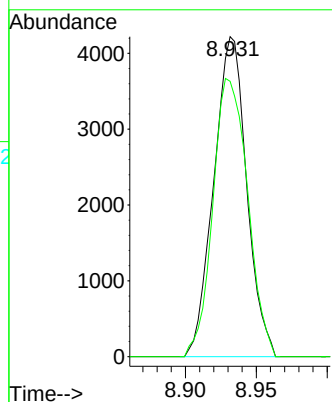
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 107 Resp: 6813
Ion Ratio Lower Upper
107 100
109 92.0 75.9 113.9

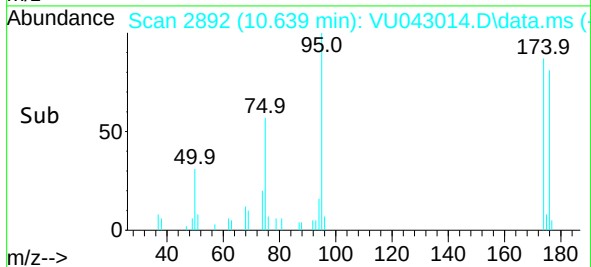
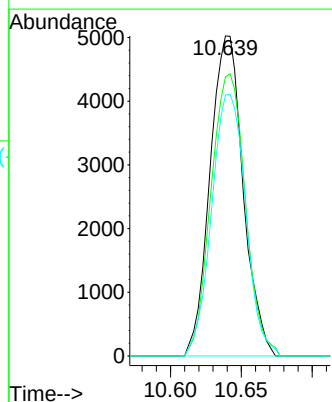
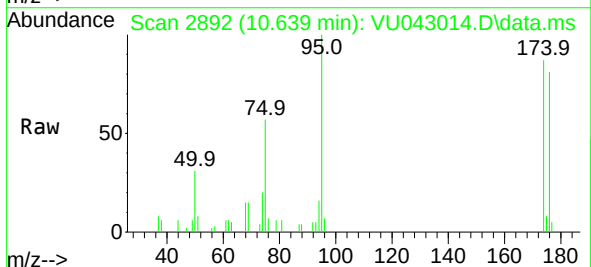
Manual Integrations
APPROVED

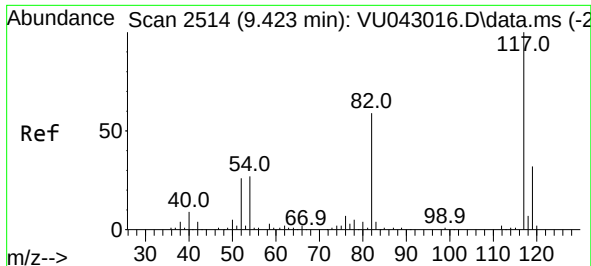
MMDadoda
4/13/2021 5:47:00 PM



#62
4-Bromofluorobenzene
Concen: 5.18 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

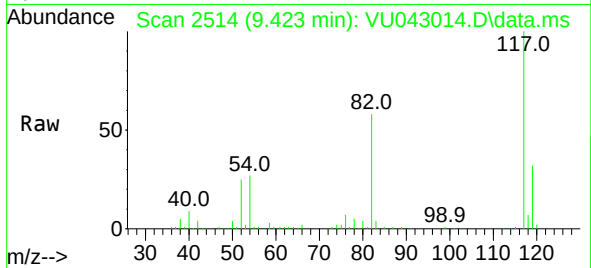
Tgt Ion: 95 Resp: 8149
Ion Ratio Lower Upper
95 100
174 91.4 0.0 172.2
176 84.4 0.0 168.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

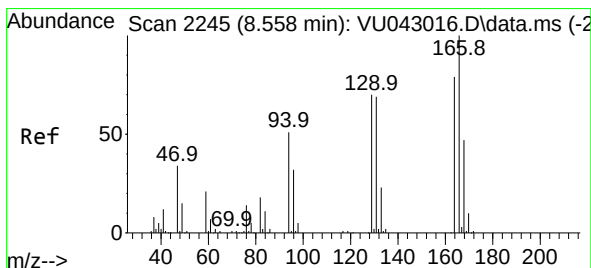
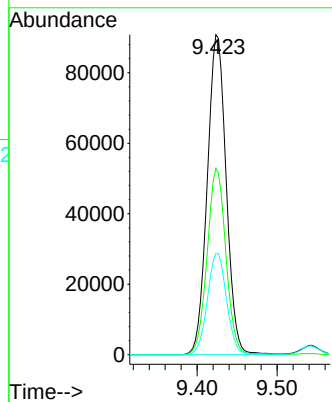
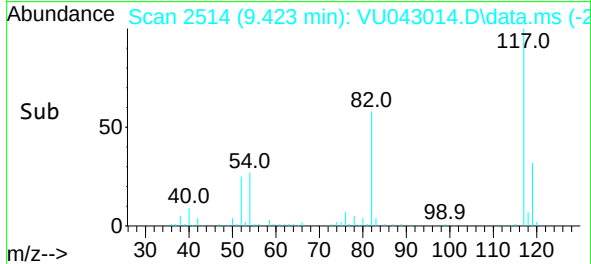
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



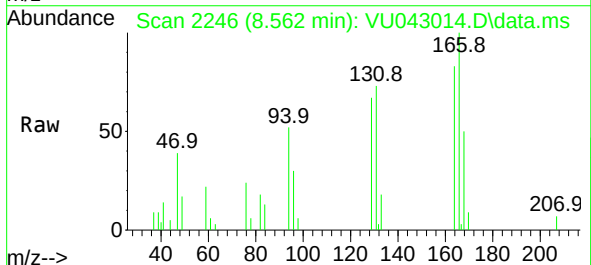
Tgt Ion:117 Resp: 149559
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.6
119 31.6 25.8 38.8

Manual Integrations
APPROVED

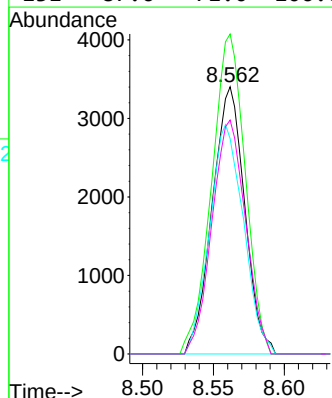
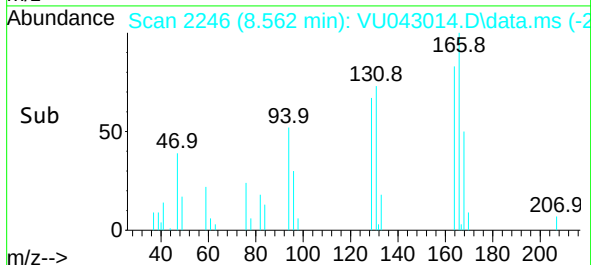
MMDadoda
4/13/2021 5:47:00 PM

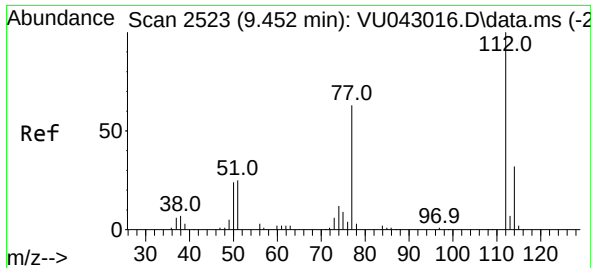


#64
Tetrachloroethene
Concen: 4.84 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



Tgt Ion:164 Resp: 5422
Ion Ratio Lower Upper
164 100
166 119.8 105.3 157.9
129 80.6 75.0 112.6
131 87.6 71.0 106.6





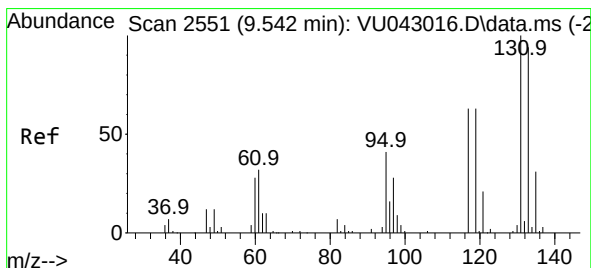
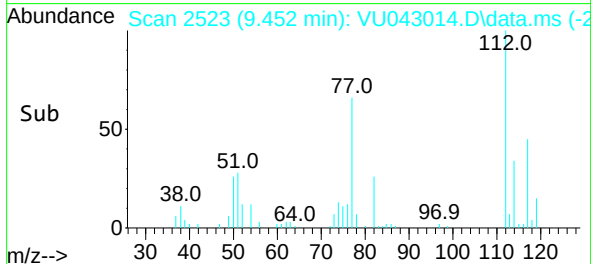
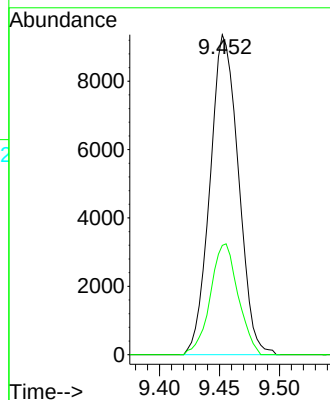
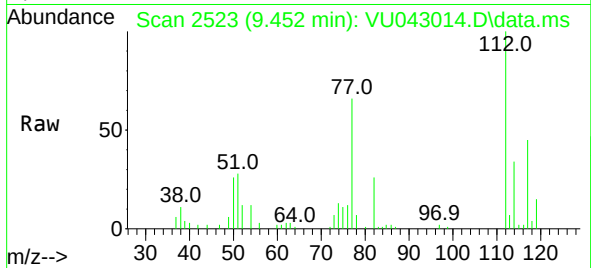
#65
Chlorobenzene
Concen: 5.11 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:112 Resp: 15409
Ion Ratio Lower Upper
112 100
114 34.2 25.0 37.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

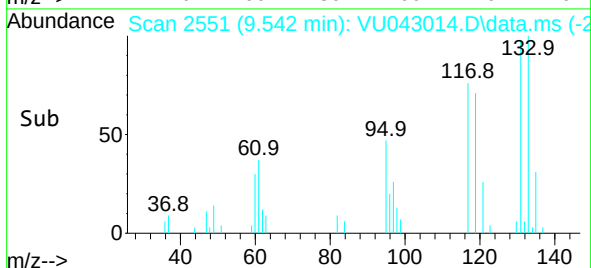
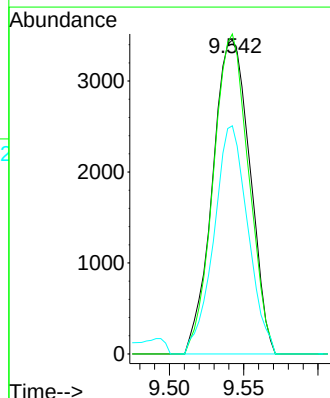
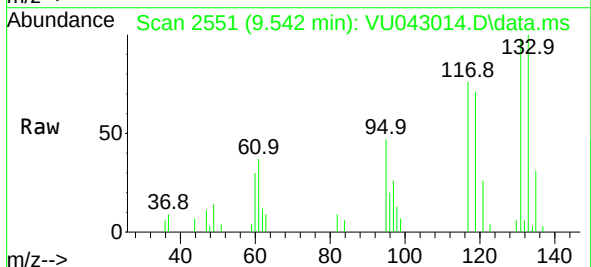
Manual Integrations
APPROVED

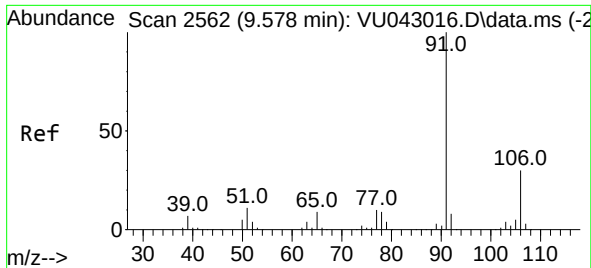
MMDadoda
4/13/2021 5:47:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 5.25 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:131 Resp: 6039
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 66.1 31.9 95.5





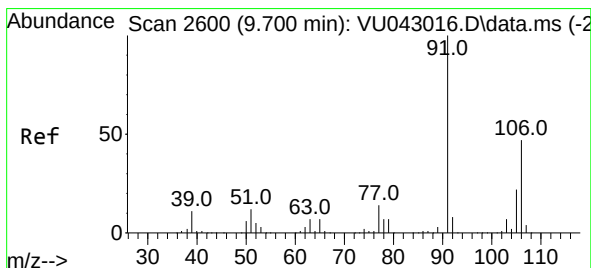
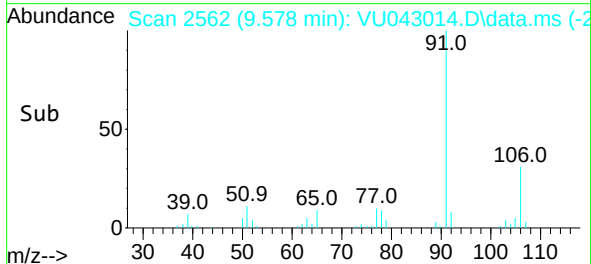
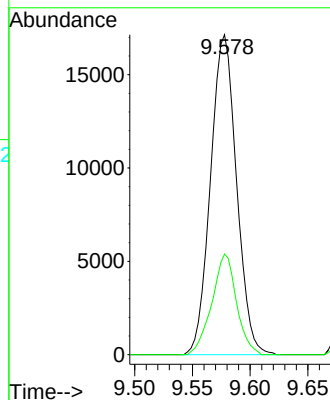
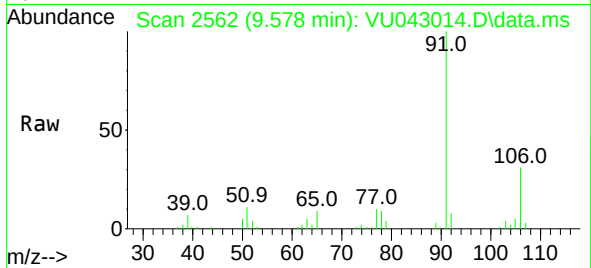
#67
Ethyl Benzene
Concen: 4.93 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 91 Resp: 26878
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

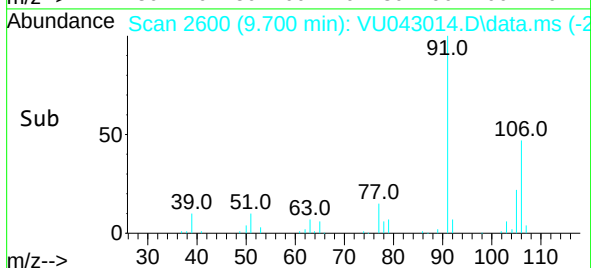
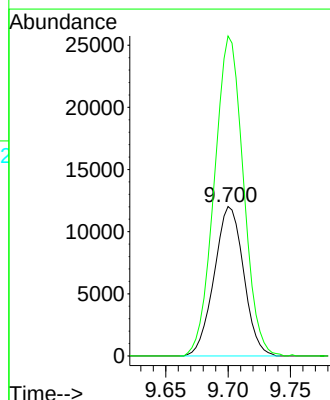
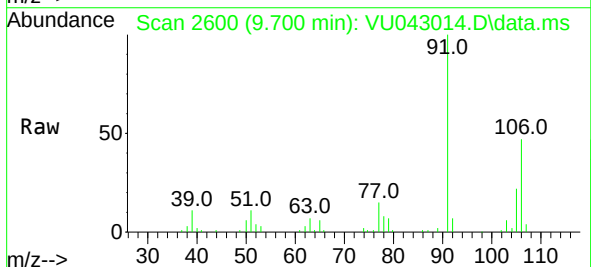
Manual Integrations
APPROVED

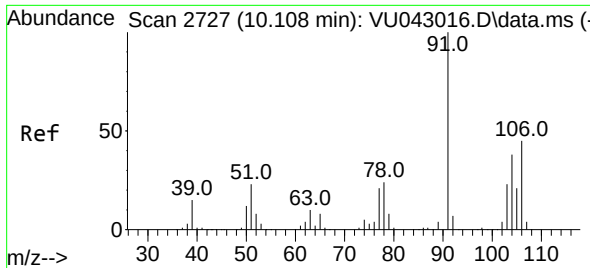
MMDadoda
4/13/2021 5:47:00 PM



#68
m/p-Xylenes
Concen: 9.78 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 106 Resp: 19789
Ion Ratio Lower Upper
106 100
91 211.1 169.9 254.9





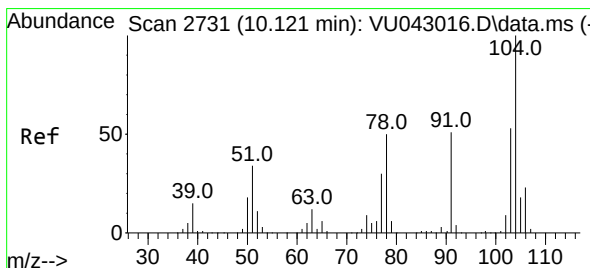
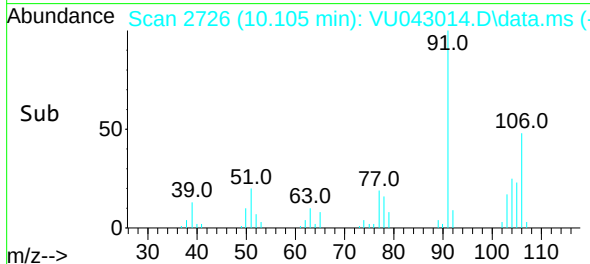
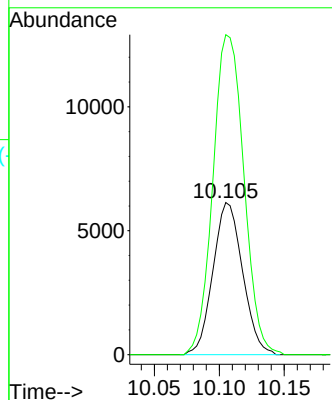
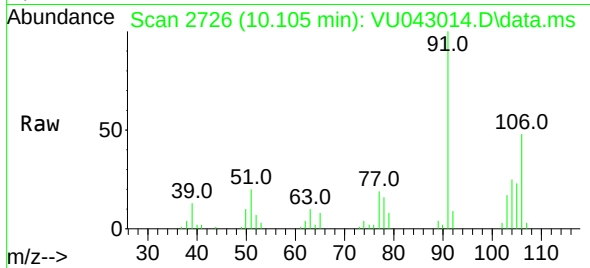
#69
o-Xylene
Concen: 4.92 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:106 Resp: 9733
Ion Ratio Lower Upper
106 100
91 219.5 111.2 333.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

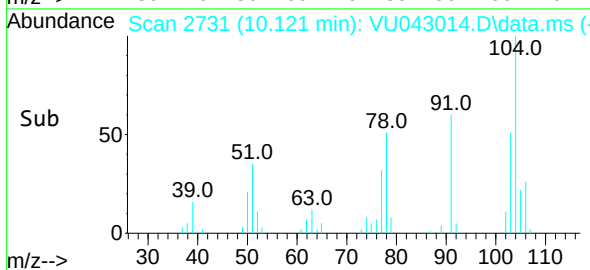
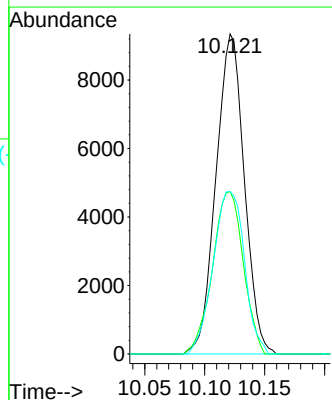
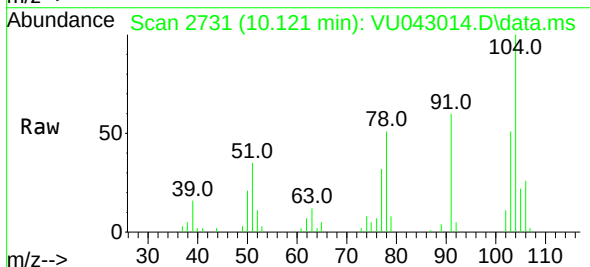
Manual Integrations
APPROVED

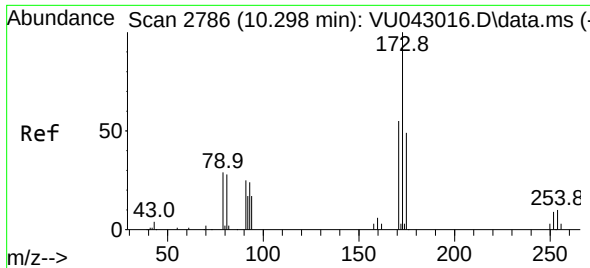
MMDadoda
4/13/2021 5:47:00 PM



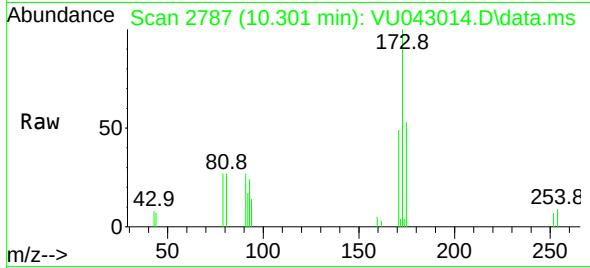
#70
Styrene
Concen: 4.63 ug/l
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:104 Resp: 15340
Ion Ratio Lower Upper
104 100
78 55.1 44.8 67.2
103 56.2 45.7 68.5

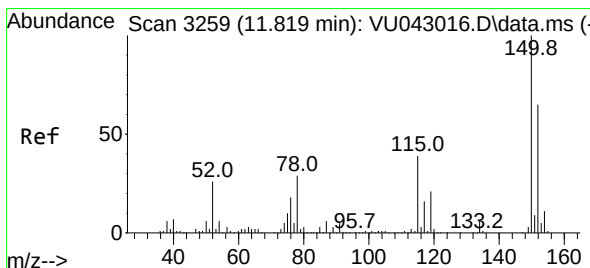
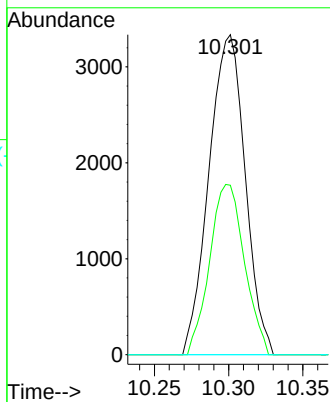
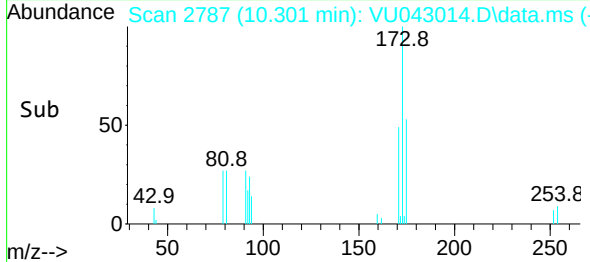




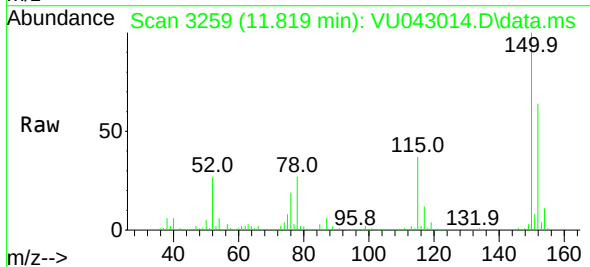
#71
Bromoform
Concen: 5.09 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



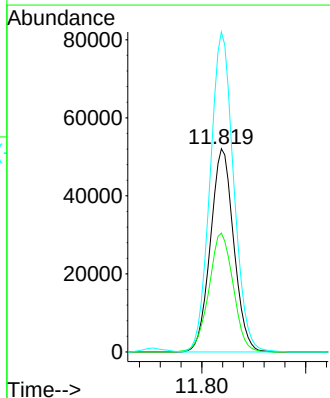
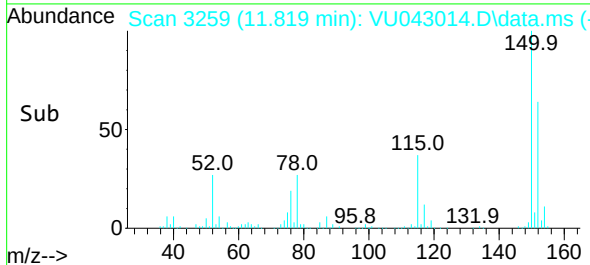
Tgt Ion:173 Resp: 5658
Ion Ratio Lower Upper
173 100
175 51.1 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



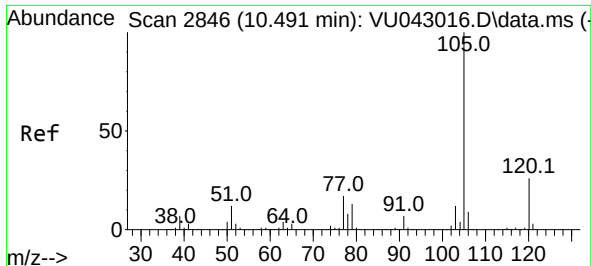
Tgt Ion:152 Resp: 81051
Ion Ratio Lower Upper
152 100
115 61.0 41.5 124.6
150 159.0 0.0 342.4



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



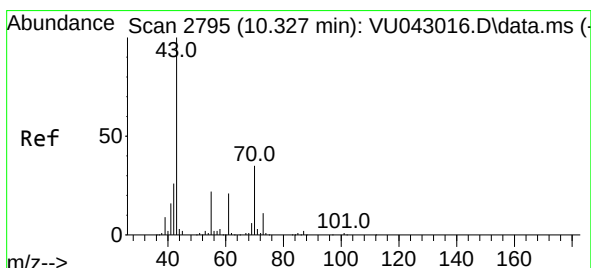
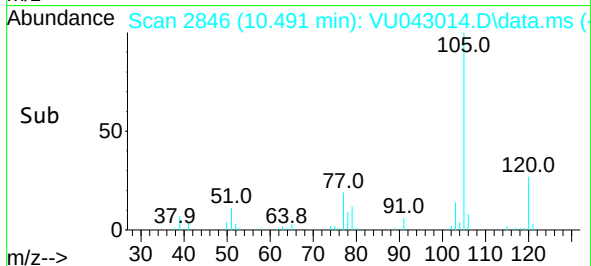
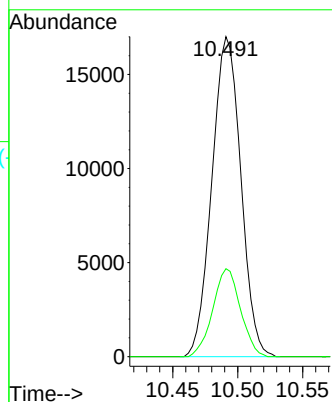
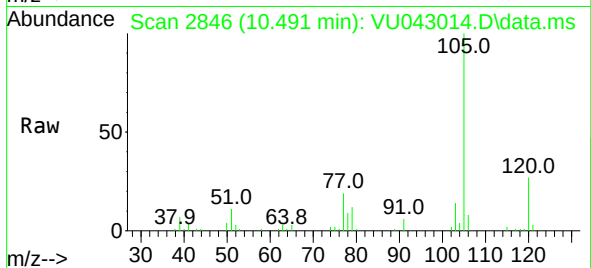
#73
Isopropylbenzene
Concen: 4.86 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 105 Resp: 26299
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

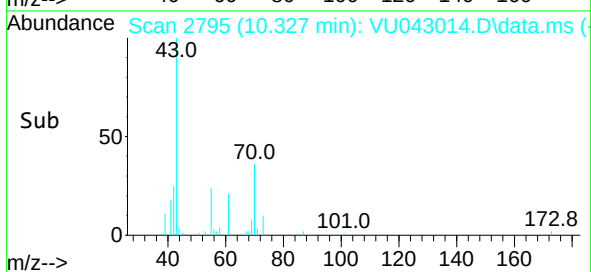
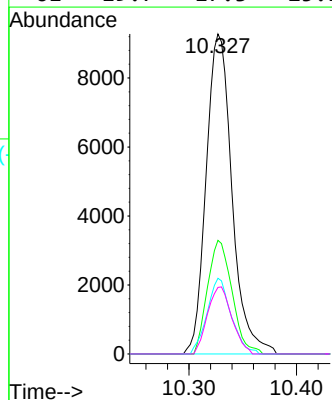
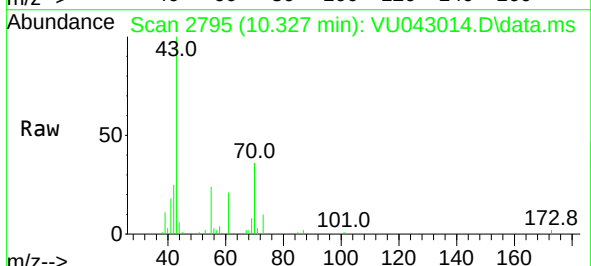
Manual Integrations
APPROVED

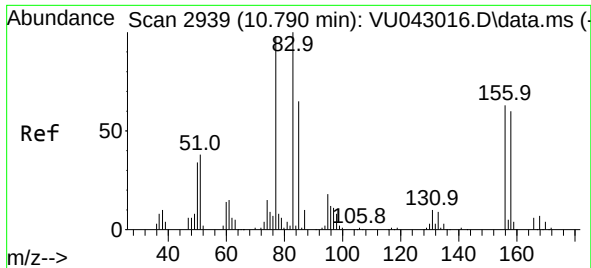
MMDadoda
4/13/2021 5:47:00 PM



#74
N-ethyl acetate
Concen: 4.97 ug/l
RT: 10.327 min Scan# 2795
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 43 Resp: 15478
Ion Ratio Lower Upper
43 100
70 33.7 28.3 42.5
55 22.0 17.2 25.8
61 19.7 17.3 25.9





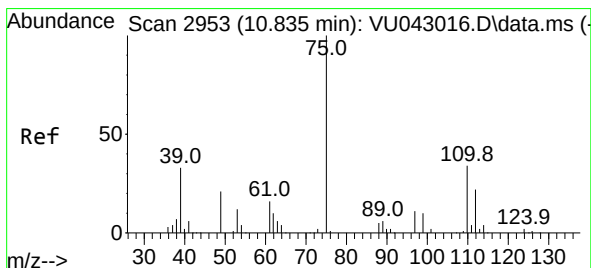
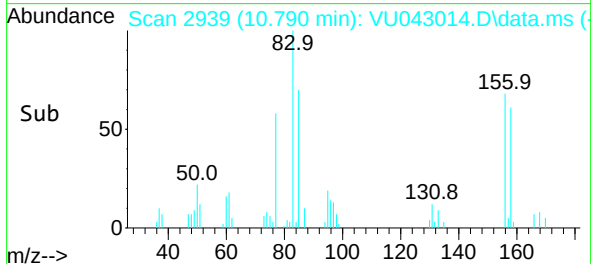
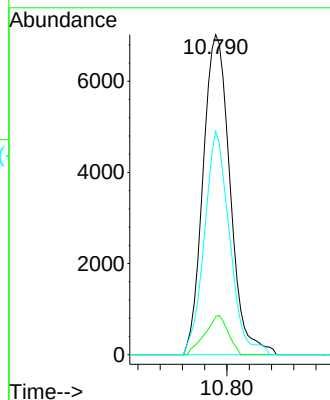
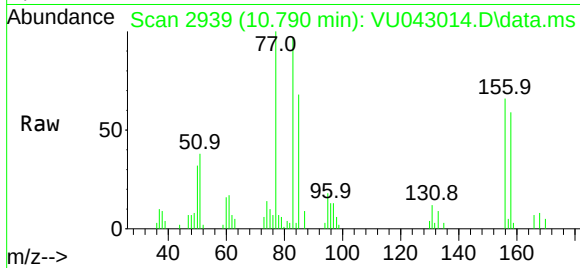
#75
1,1,2,2-Tetrachloroethane
Concen: 5.65 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.2
85	65.3	31.7	95.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

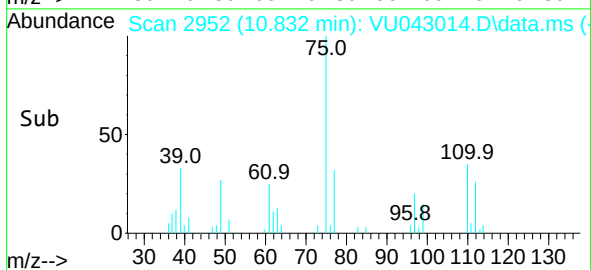
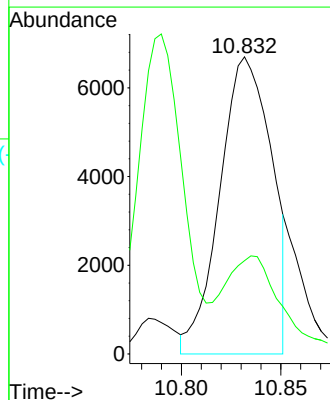
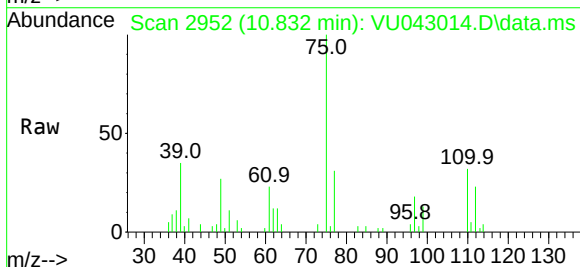
Manual Integrations
APPROVED

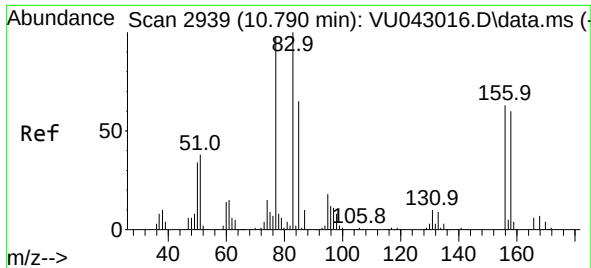
MMDadoda
4/13/2021 5:47:00 PM



#76
1,2,3-Trichloropropane
Concen: 5.88 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.7	20.2	60.5





#77
Bromobenzene
Concen: 5.07 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

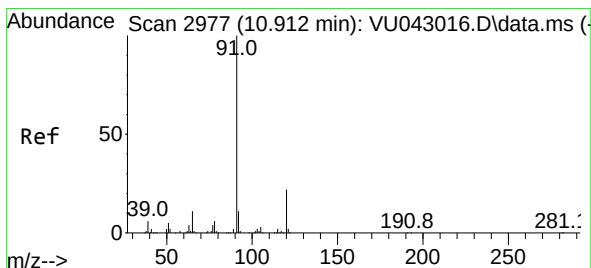
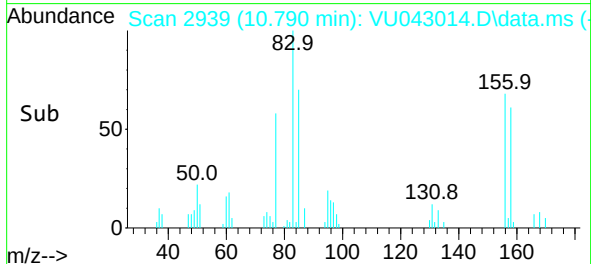
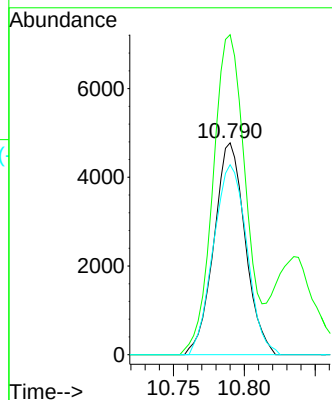
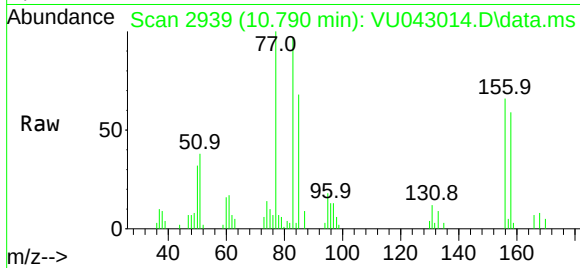
Tgt Ion: 156 Resp: 7332

Ion	Ratio	Lower	Upper
156	100		
77	155.6	79.3	238.1
158	96.2	48.3	144.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

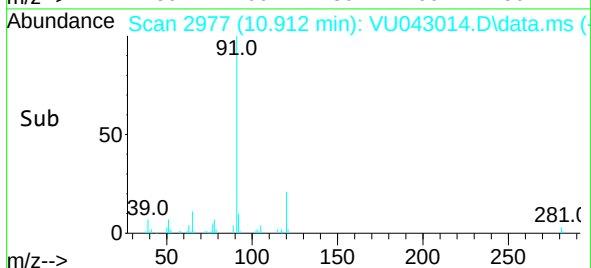
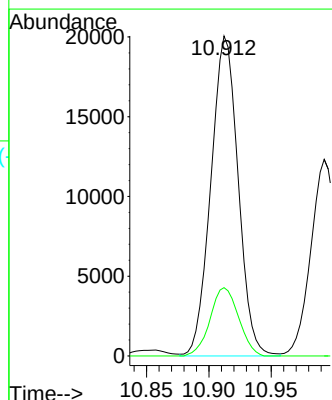
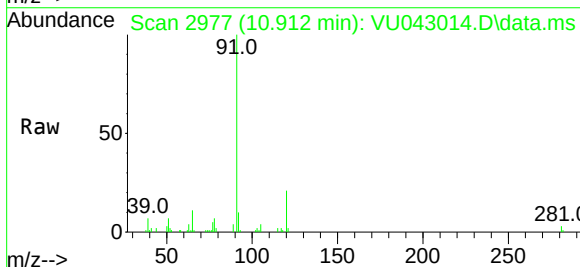
MMDadoda
4/13/2021 5:47:00 PM

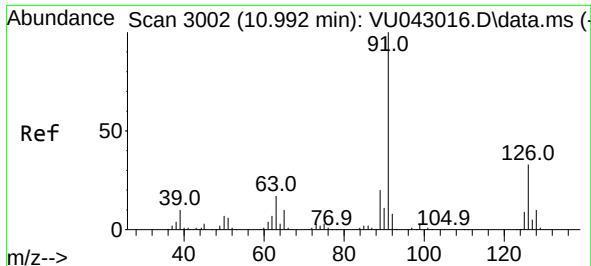


#78
n-propylbenzene
Concen: 4.86 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 91 Resp: 30570

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.6





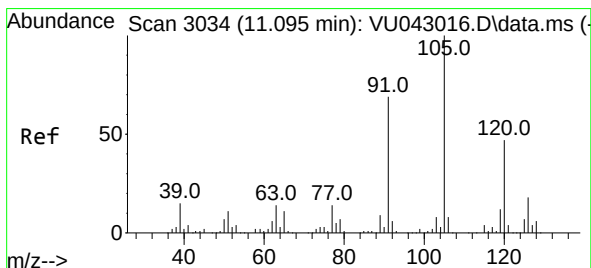
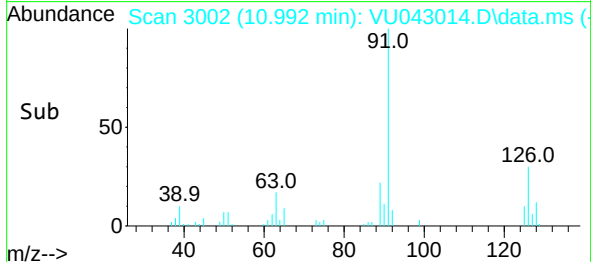
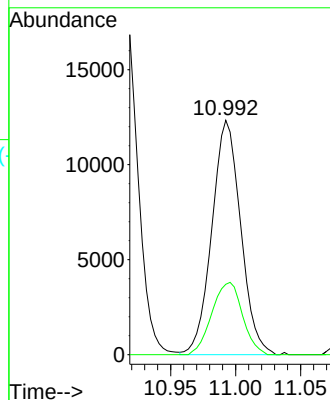
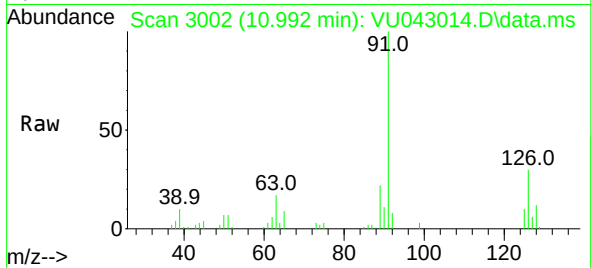
#79
2-Chlorotoluene
Concen: 4.96 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion: 91 Resp: 19045
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

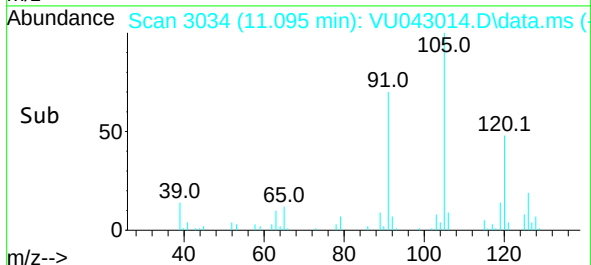
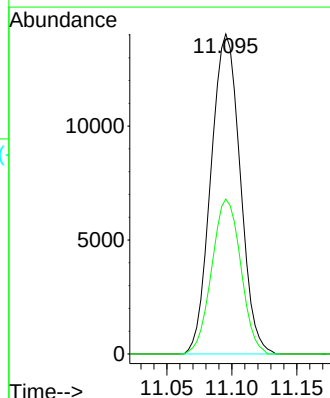
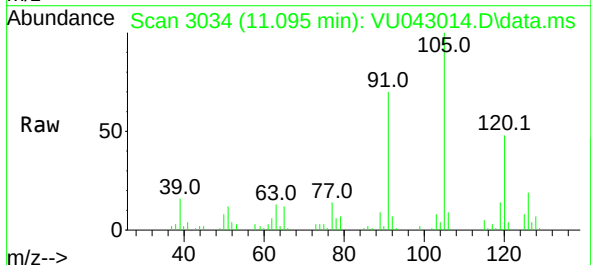
Manual Integrations
APPROVED

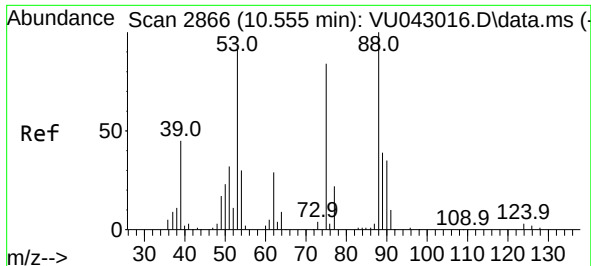
MMDadoda
4/13/2021 5:47:00 PM



#80
1,3,5-Trimethylbenzene
Concen: 4.68 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

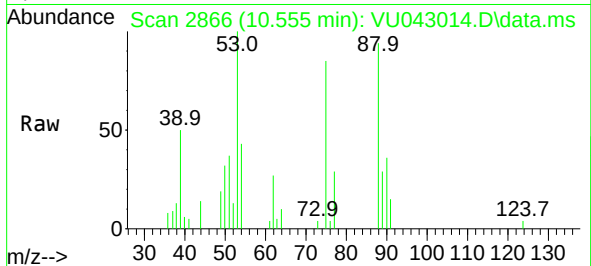
Tgt Ion: 105 Resp: 21960
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.80 ug/l
RT: 10.555 min Scan# 2866
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

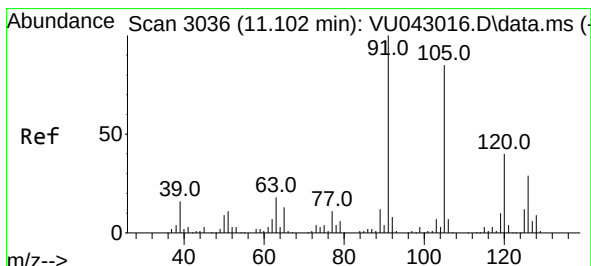
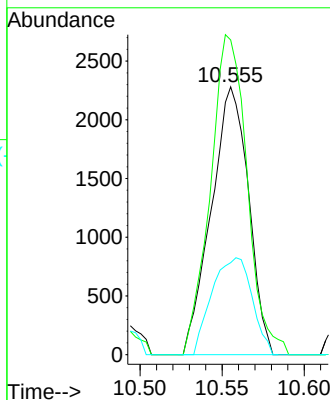
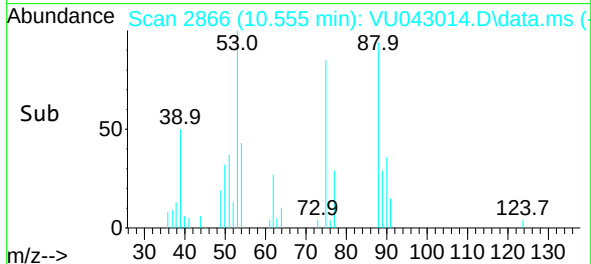
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



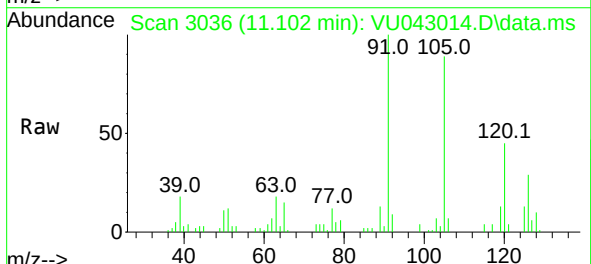
Tgt Ion	Ratio	Lower	Upper
75	100		
53	117.8	85.6	128.4
89	39.0	35.7	53.5

Manual Integrations
APPROVED

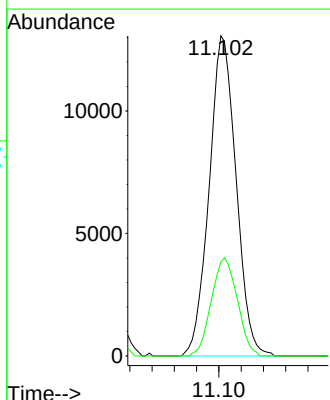
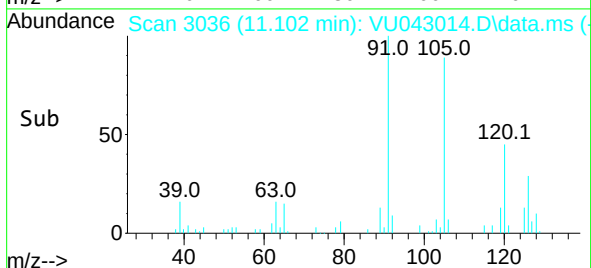
MMDadoda
4/13/2021 5:47:00 PM

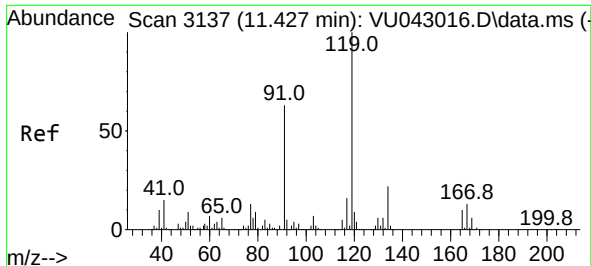


#82
4-Chlorotoluene
Concen: 4.88 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

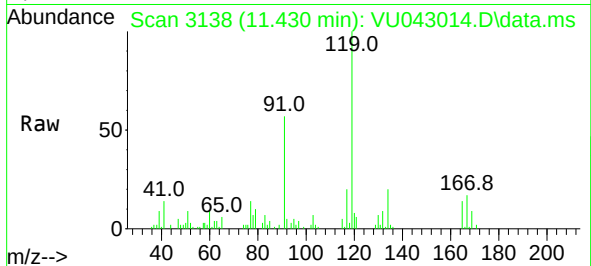


Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.6	44.0

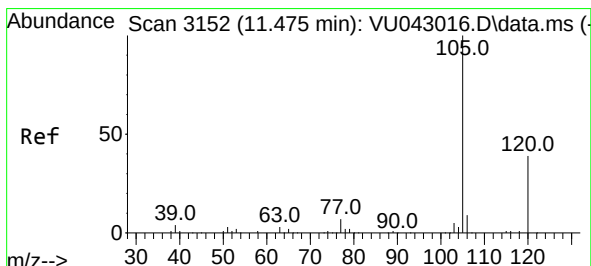
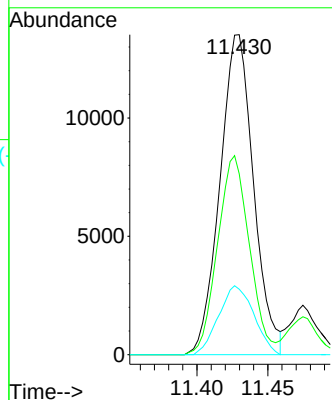
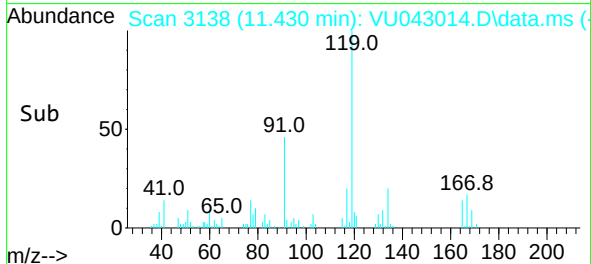




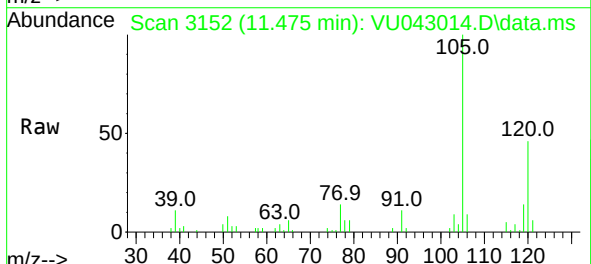
#83
tert-Butylbenzene
Concen: 4.95 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



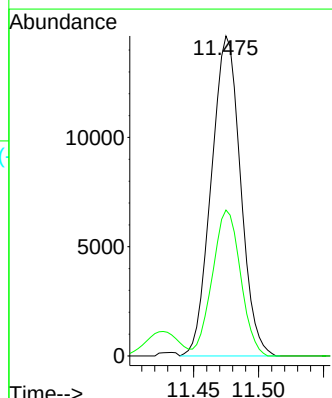
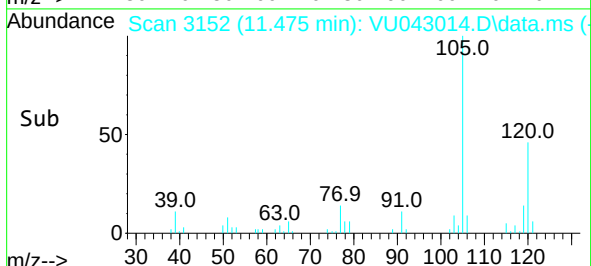
Tgt Ion:119 Resp: 22368
Ion Ratio Lower Upper
119 100
91 58.9 30.3 90.9
134 22.5 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 4.88 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



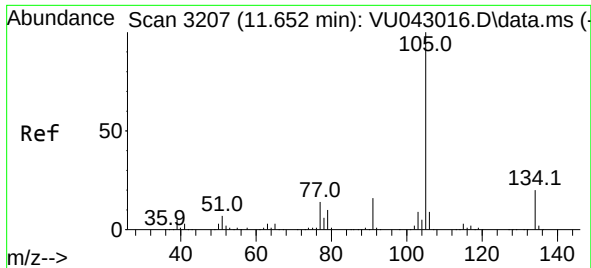
Tgt Ion:105 Resp: 22883
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM



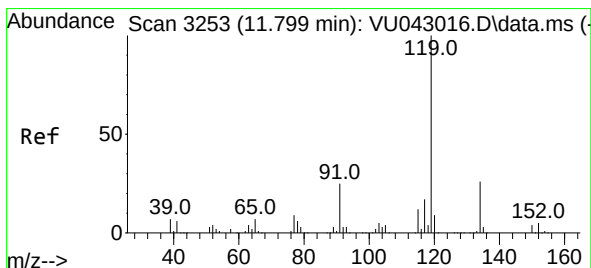
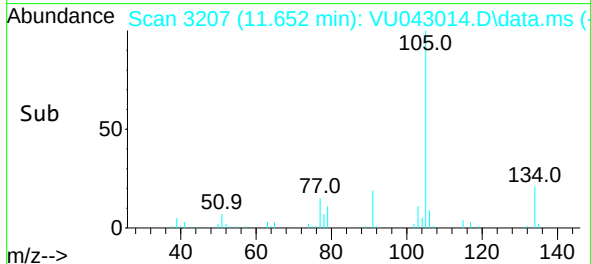
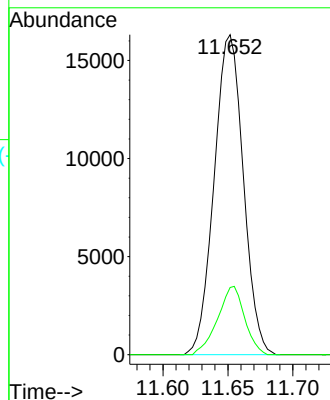
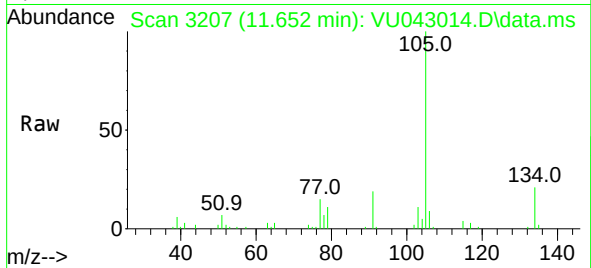
#85
 sec-Butylbenzene
 Concen: 4.79 ug/l
 RT: 11.652 min Scan# 3207
 Delta R.T. 0.000 min
 Lab File: VU043014.D
 Acq: 12 Apr 2021 10:34

Tgt Ion:105 Resp: 25471
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

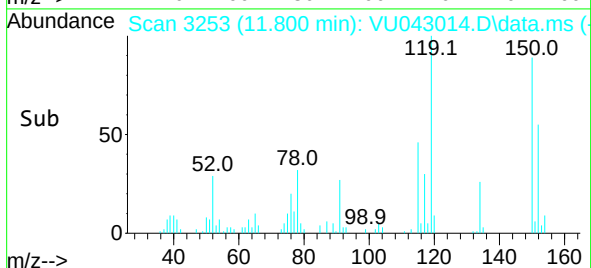
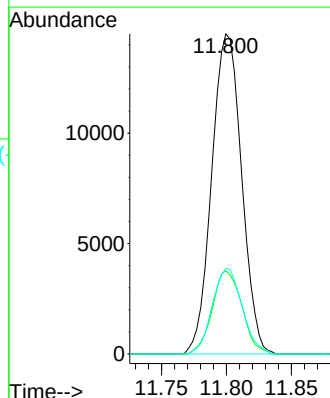
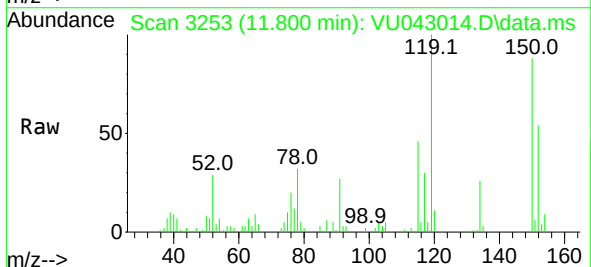
Manual Integrations
 APPROVED

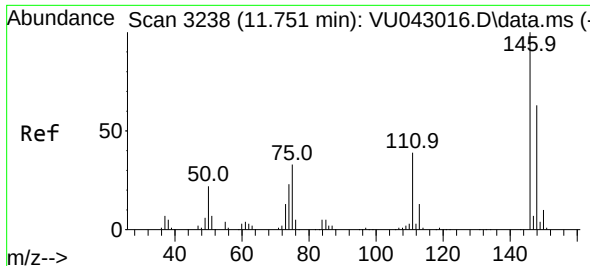
MMDadoda
 4/13/2021 5:47:00 PM



#86
 p-Isopropyltoluene
 Concen: 4.71 ug/l
 RT: 11.800 min Scan# 3253
 Delta R.T. 0.000 min
 Lab File: VU043014.D
 Acq: 12 Apr 2021 10:34

Tgt Ion:119 Resp: 23173
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.6
 91 26.7 12.8 38.3





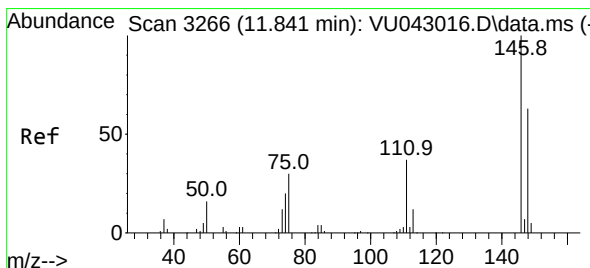
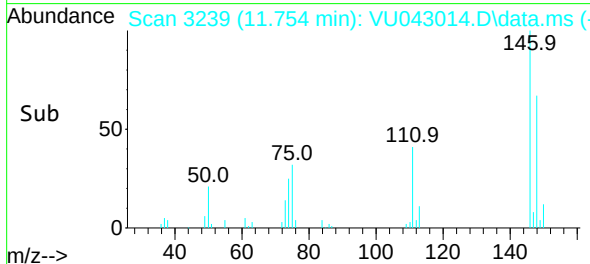
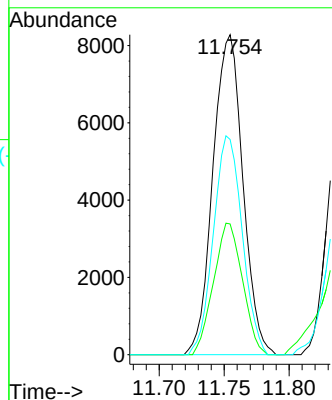
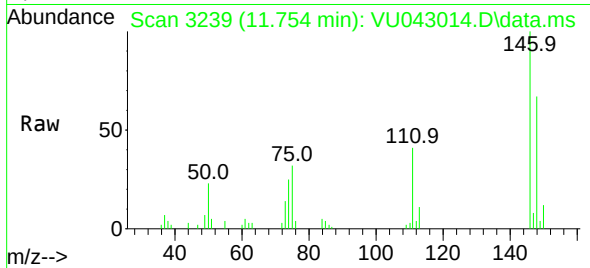
#87
1,3-Dichlorobenzene
Concen: 5.26 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:146 Resp: 13262
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.6
148 66.0 32.0 96.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

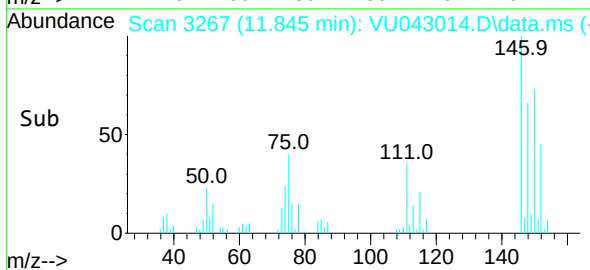
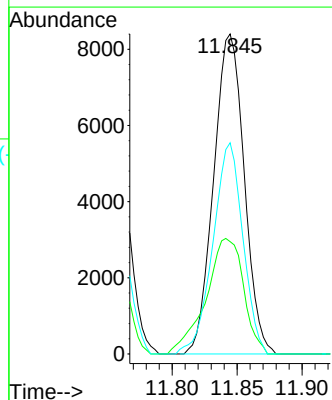
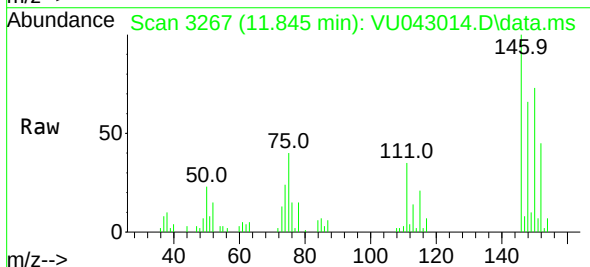
Manual Integrations
APPROVED

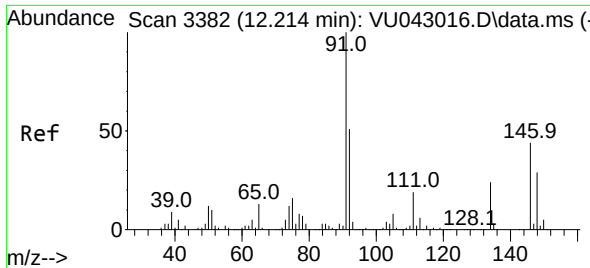
MMDadoda
4/13/2021 5:47:00 PM



#88
1,4-Dichlorobenzene
Concen: 5.30 ug/l
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:146 Resp: 13738
Ion Ratio Lower Upper
146 100
111 44.4 19.7 59.0
148 64.7 32.8 98.3





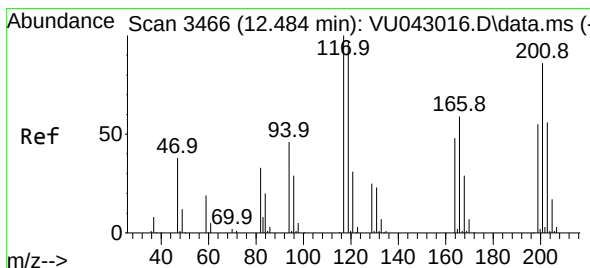
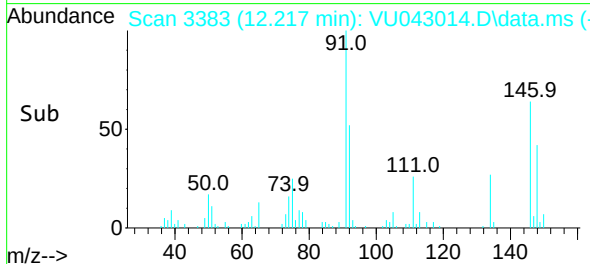
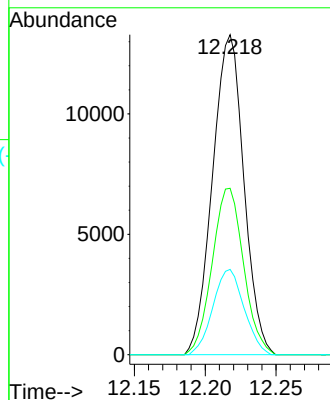
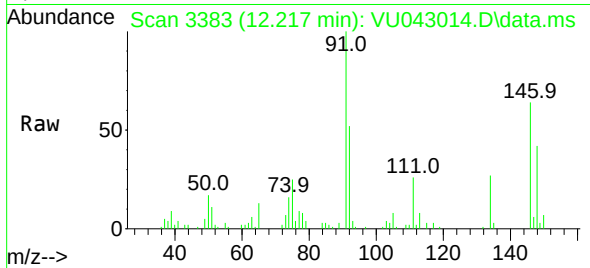
#89
n-Butylbenzene
Concen: 4.68 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:	91	Resp:	20435
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.6
134	26.5	12.7	38.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

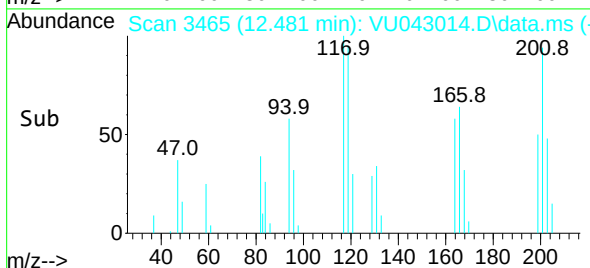
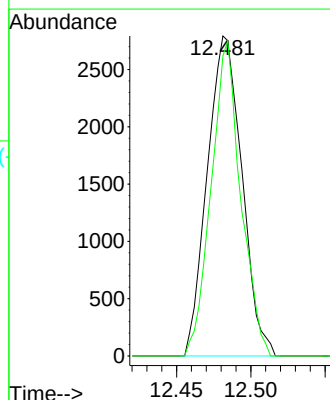
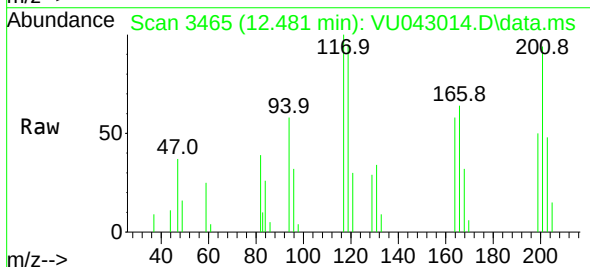
Manual Integrations
APPROVED

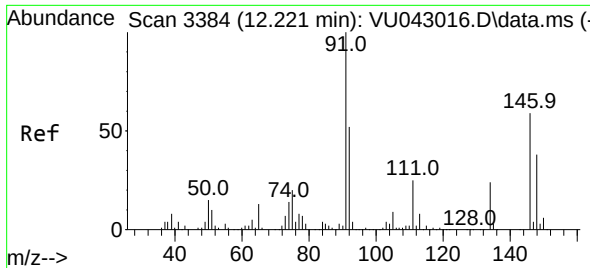
MMDadoda
4/13/2021 5:47:00 PM



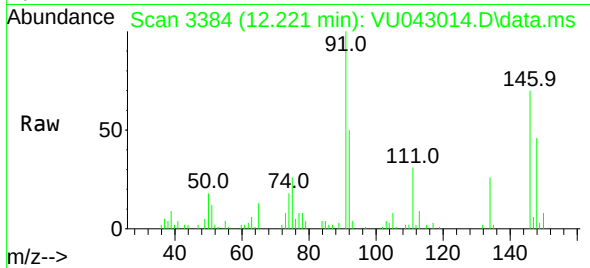
#90
Hexachloroethane
Concen: 5.19 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34

Tgt Ion:	117	Resp:	4521
Ion	Ratio	Lower	Upper
117	100		
201	84.0	43.5	130.7

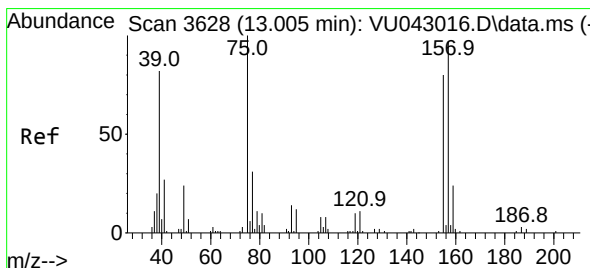
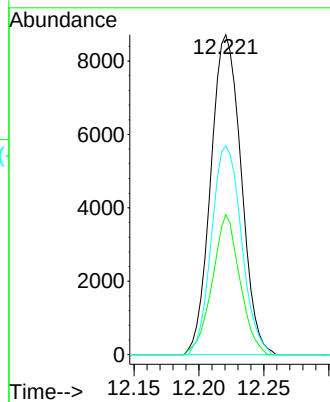
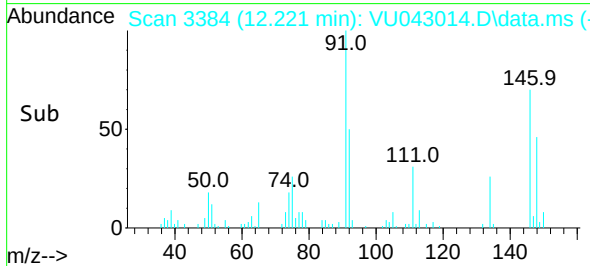




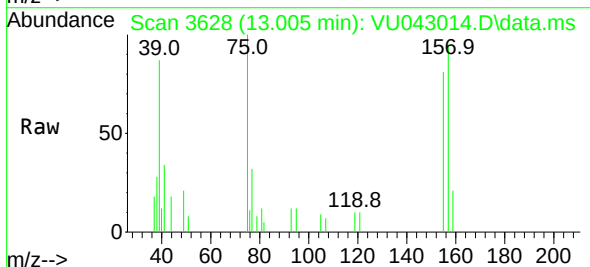
#91
1,2-Dichlorobenzene
Concen: 5.52 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



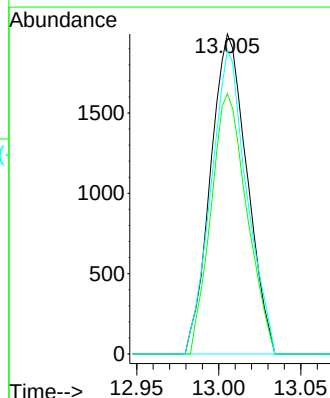
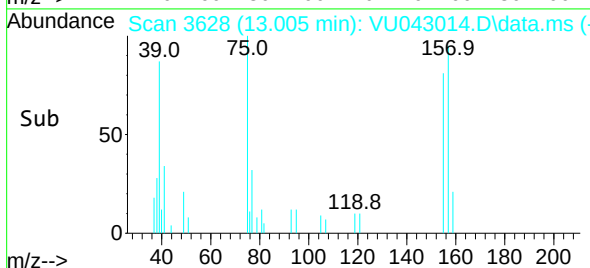
Tgt Ion: 146 Resp: 14163
Ion Ratio Lower Upper
146 100
111 39.7 20.8 62.4
148 64.6 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.34 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



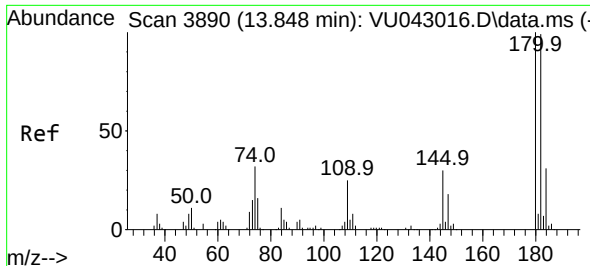
Tgt Ion: 75 Resp: 3078
Ion Ratio Lower Upper
75 100
155 79.8 41.7 125.1
157 93.0 53.9 161.7



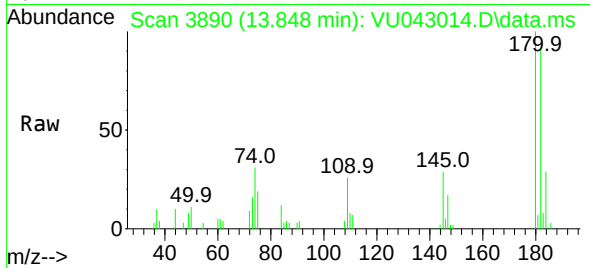
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

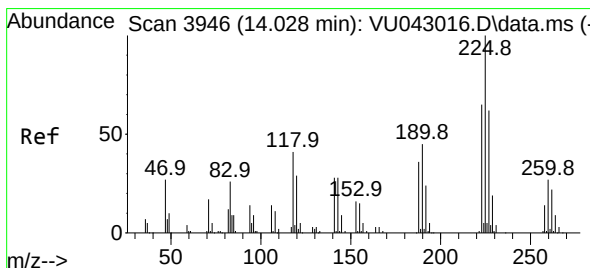
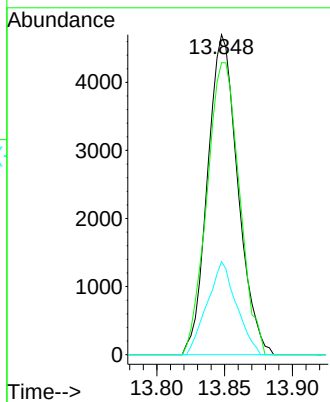
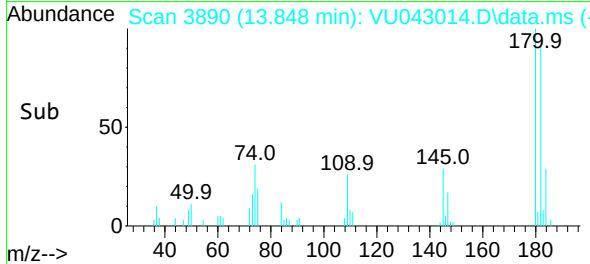
MMDadoda
4/13/2021 5:47:00 PM



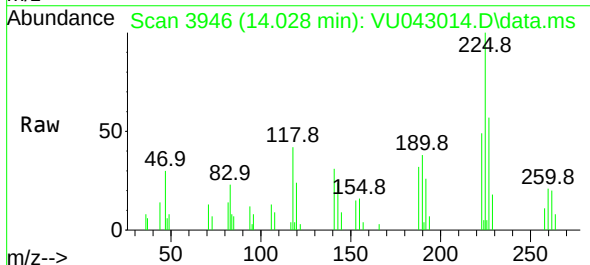
#93
1,2,4-Trichlorobenzene
Concen: 4.62 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



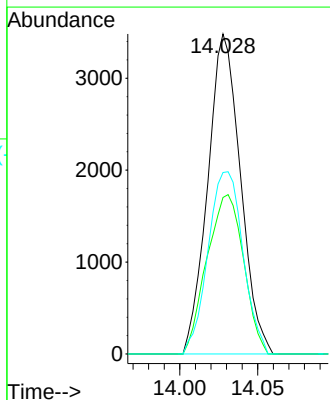
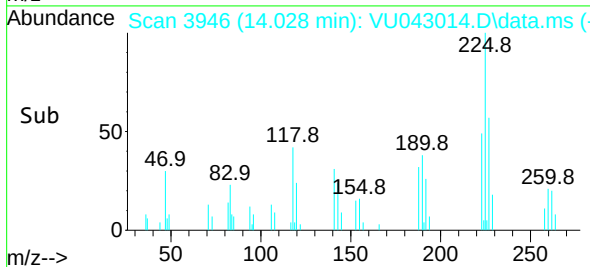
Tgt Ion:180 Resp: 7300
Ion Ratio Lower Upper
180 100
182 97.6 46.9 140.8
145 27.9 14.4 43.4



#94
Hexachlorobutadiene
Concen: 5.72 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



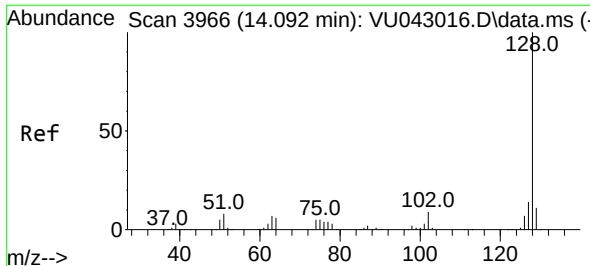
Tgt Ion:225 Resp: 5088
Ion Ratio Lower Upper
225 100
223 55.7 32.3 96.9
227 60.8 31.8 95.4



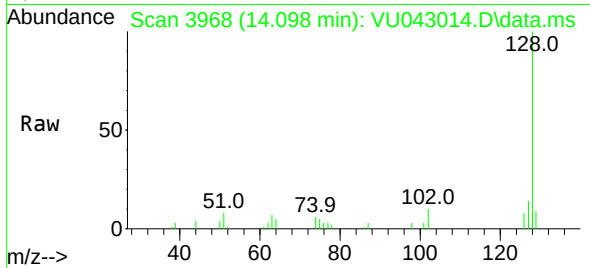
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

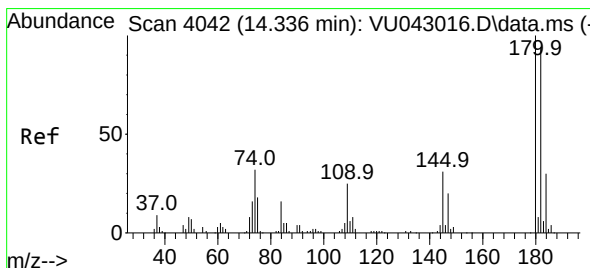
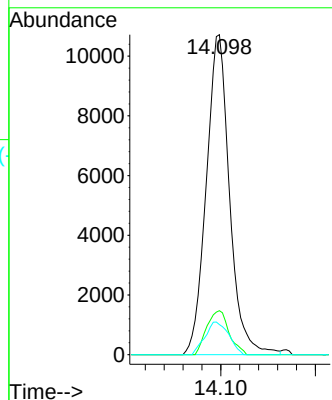
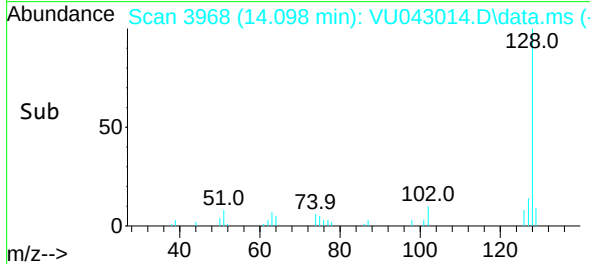
MMDadoda
4/13/2021 5:47:00 PM



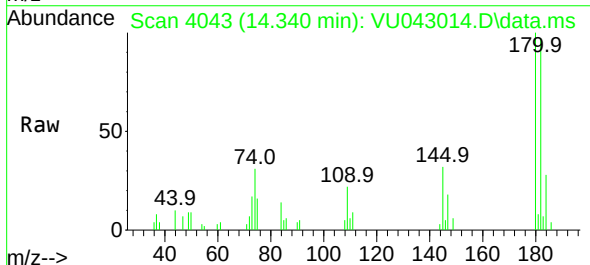
#95
Naphthalene
Concen: 4.03 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



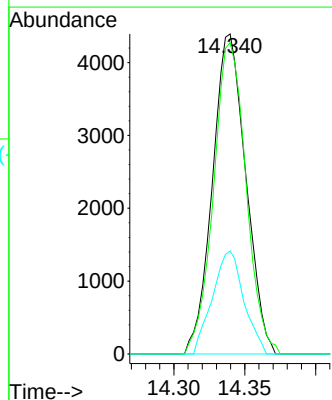
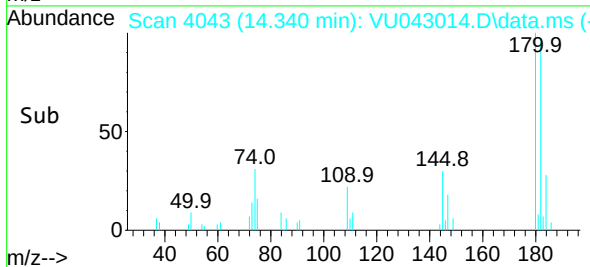
Tgt Ion:128 Resp: 18327
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.63 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043014.D
Acq: 12 Apr 2021 10:34



Tgt Ion:180 Resp: 7186
Ion Ratio Lower Upper
180 100
182 94.7 48.0 144.0
145 30.2 15.5 46.5



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
4/13/2021 5:47:00 PM