

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045631.D
 Acq On : 08 Nov 2021 21:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 09 10:05:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) Pentafluorobenzene	5.376	168	142953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	259382	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	246717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	126866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	110293	51.518	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.040%			
35) Dibromofluoromethane	5.292	113	85896	49.601	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	7.900	98	324932	50.459	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.920%			
62) 4-Bromofluorobenzene	10.633	95	125834	48.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	84980	45.849	ug/l	98
3) Chloromethane	1.520	50	92836	43.776	ug/l	100
4) Vinyl Chloride	1.604	62	100111	48.461	ug/l	100
5) Bromomethane	1.845	94	62307	54.075	ug/l	99
6) Chloroethane	1.929	64	61484	45.606	ug/l	98
7) Trichlorofluoromethane	2.135	101	130295	47.697	ug/l	100
8) Diethyl Ether	2.376	74	54286	50.202	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.578	101	75326	47.223	ug/l	97
10) Methyl Iodide	2.723	142	88626	42.457	ug/l	93
11) Tert butyl alcohol	3.176	59	113503	267.854	ug/l	99
12) 1,1-Dichloroethene	2.578	96	75281	47.866	ug/l	98
13) Acrolein	2.485	56	17925	291.906	ug/l	99
14) Allyl chloride	2.922	41	134046	47.733	ug/l	98
15) Acrylonitrile	3.311	53	287431	254.056	ug/l	98
16) Acetone	2.623	43	224981	206.439	ug/l	100
17) Carbon Disulfide	2.794	76	195616	44.406	ug/l	100
18) Methyl Acetate	2.948	43	183768	49.508	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	286538	50.614	ug/l	98
20) Methylene Chloride	3.048	84	91172	48.146	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	81869	50.036	ug/l	96
22) Diisopropyl ether	3.996	45	281192	50.996	ug/l	92
23) Vinyl Acetate	3.958	43	1094701	258.130	ug/l	100
24) 1,1-Dichloroethane	3.874	63	164560	50.082	ug/l	100
25) 2-Butanone	4.700	43	374673	247.876	ug/l	100
26) 2,2-Dichloropropane	4.668	77	122531	45.002	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	99917	51.993	ug/l	97
28) Bromochloromethane	4.977	49	77078	49.204	ug/l	96
29) Tetrahydrofuran	5.051	42	237646	257.032	ug/l	99
30) Chloroform	5.089	83	164677	50.675	ug/l	98
31) Cyclohexane	5.392	56	142196	45.521	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	141102	50.917	ug/l	98
36) 1,1-Dichloropropene	5.530	75	116339	45.999	ug/l	98
37) Ethyl Acetate	4.803	43	141609	48.742	ug/l	99
38) Carbon Tetrachloride	5.527	117	119455	46.848	ug/l	99
39) Methylcyclohexane	6.765	83	136313	43.932	ug/l	96
40) Benzene	5.774	78	347160	46.362	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	77224	50.298	ug/l	99
42) 1,2-Dichloroethane	5.797	62	131522	48.627	ug/l	99
43) Isopropyl Acetate	5.912	43	219460	49.386	ug/l	99
44) Trichloroethene	6.543	130	85763	47.849	ug/l	99
45) 1,2-Dichloropropane	6.793	63	97049	48.982	ug/l	97
46) Dibromomethane	6.919	93	65699	47.857	ug/l	98
47) Bromodichloromethane	7.109	83	128037	49.153	ug/l	96
48) Methyl methacrylate	6.961	41	101495	49.623	ug/l	96
49) 1,4-Dioxane	6.961	88	53877	1024.300	ug/l #	92
51) 4-Methyl-2-Pentanone	7.793	43	728794	248.620	ug/l	99
52) Toluene	7.970	92	223778	48.814	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	145108	48.471	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	154660	48.639	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	92329	48.595	ug/l	98
56) Ethyl methacrylate	8.334	69	153249	45.213	ug/l	98
57) 1,3-Dichloropropane	8.578	76	164336	48.023	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	363116	207.593	ug/l	97
59) 2-Hexanone	8.684	43	561698	221.114	ug/l	99
60) Dibromochloromethane	8.813	129	99078	50.080	ug/l	99
61) 1,2-Dibromoethane	8.925	107	99461	48.809	ug/l	98
64) Tetrachloroethene	8.555	164	70012	49.442	ug/l	99
65) Chlorobenzene	9.449	112	236644	48.831	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	86027	49.773	ug/l	98
67) Ethyl Benzene	9.572	91	431556	49.727	ug/l	100
68) m/p-Xylenes	9.697	106	328905	100.491	ug/l	100
69) o-Xylene	10.102	106	162511	51.072	ug/l	99
70) Styrene	10.115	104	275341	51.148	ug/l	98
71) Bromoform	10.292	173	72754	44.815	ug/l #	100
73) Isopropylbenzene	10.488	105	425491	51.330	ug/l	100
74) N-amyl acetate	10.321	43	192200	51.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	159246	48.488	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	148368m	38.564	ug/l	
77) Bromobenzene	10.784	156	101437	50.401	ug/l	96
78) n-propylbenzene	10.909	91	509817	49.416	ug/l	99
79) 2-Chlorotoluene	10.986	91	300973	49.378	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	363911	50.247	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	49229	42.402	ug/l	96
82) 4-Chlorotoluene	11.099	91	353138	49.401	ug/l	99
83) tert-Butylbenzene	11.424	119	349843	50.673	ug/l	98
84) 1,2,4-Trimethylbenzene	11.469	105	365945	50.840	ug/l	100
85) sec-Butylbenzene	11.645	105	451777	49.341	ug/l	99
86) p-Isopropyltoluene	11.797	119	376389	49.192	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	190071	46.807	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	194249	47.297	ug/l	99
89) n-Butylbenzene	12.211	91	343223	46.567	ug/l	99
90) Hexachloroethane	12.478	117	67016	48.552	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	194053	49.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	38688	49.924	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	129857	47.538	ug/l	99
94) Hexachlorobutadiene	14.025	225	48640	41.250	ug/l	98
95) Naphthalene	14.089	128	488716	47.639	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	132452	48.816	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

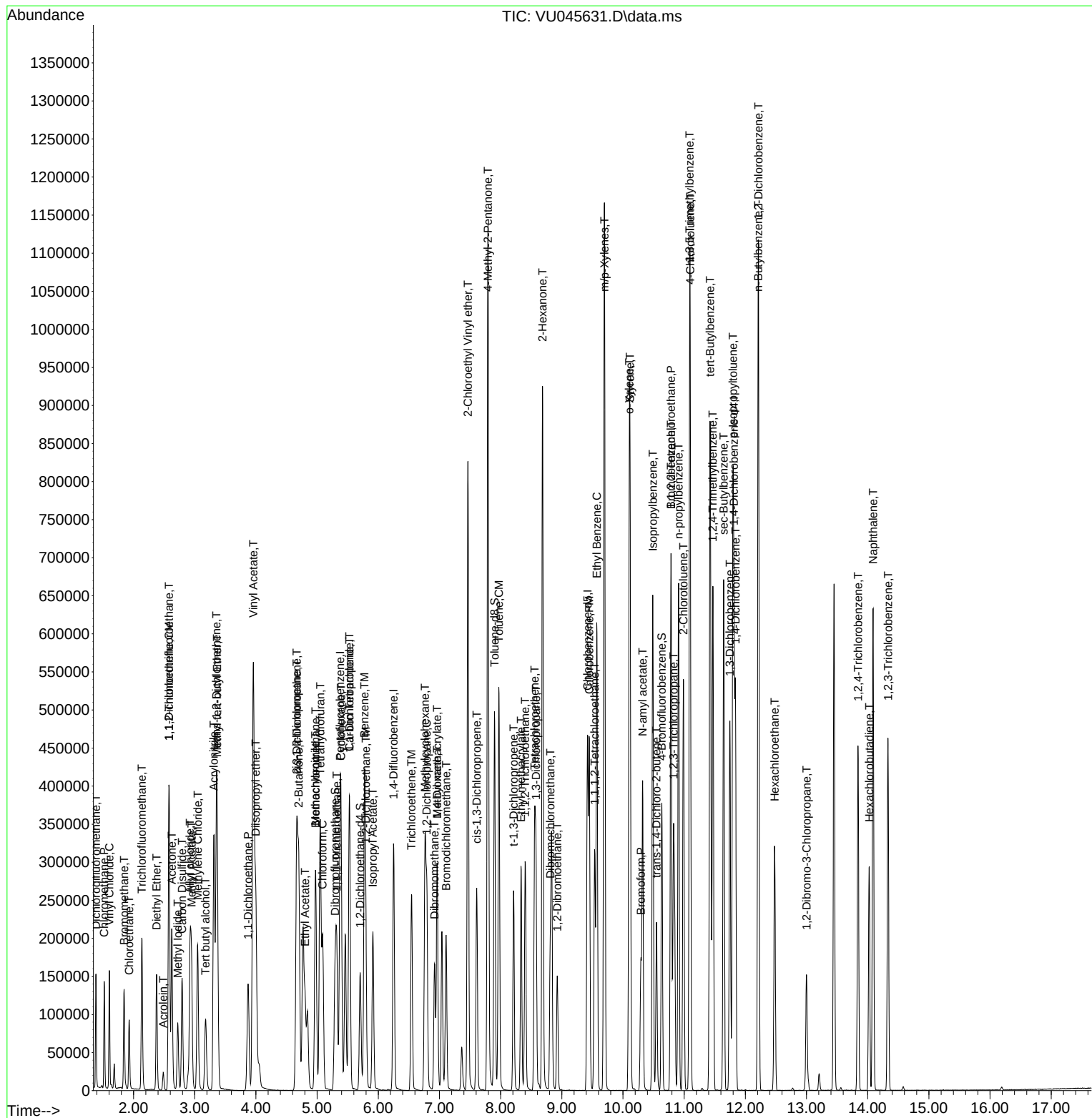
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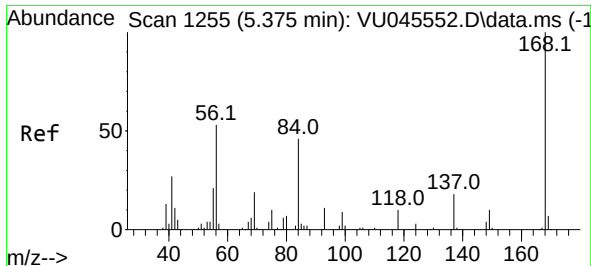
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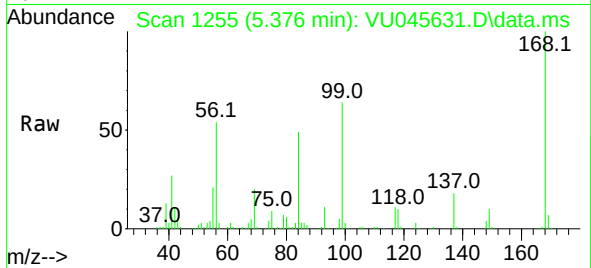
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

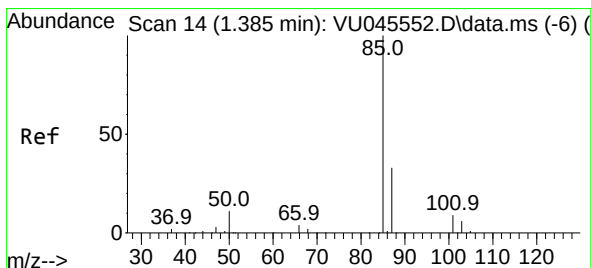
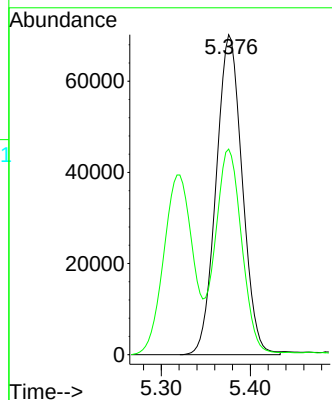
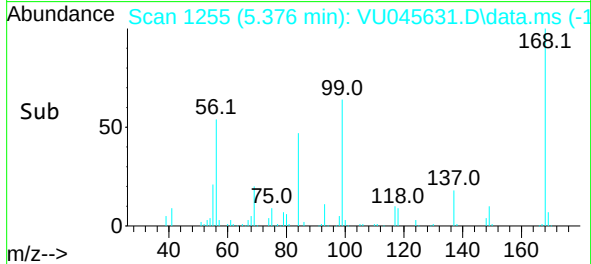
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 14295
Ion Ratio Lower Upper
168 100
99 63.6 51.0 76.6

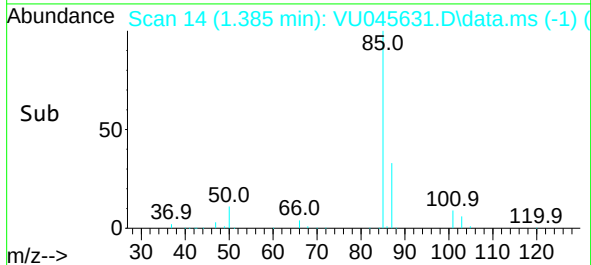
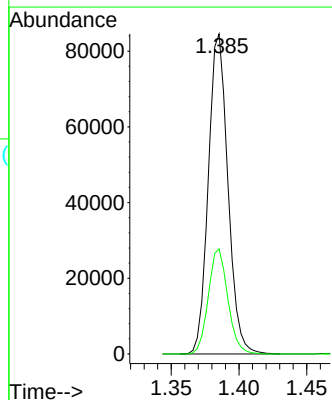
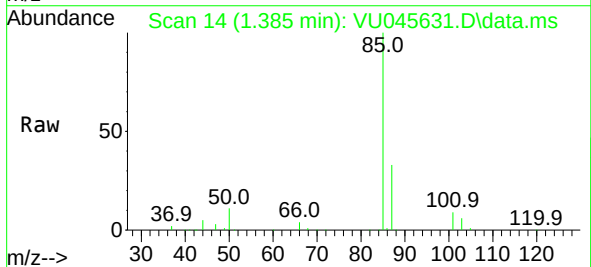
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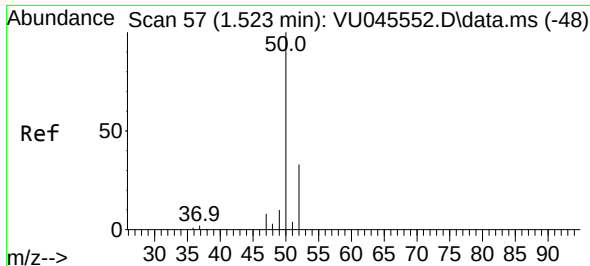
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#2
Dichlorodifluoromethane
Concen: 45.849 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Tgt Ion: 85 Resp: 84980
Ion Ratio Lower Upper
85 100
87 32.9 15.9 47.7





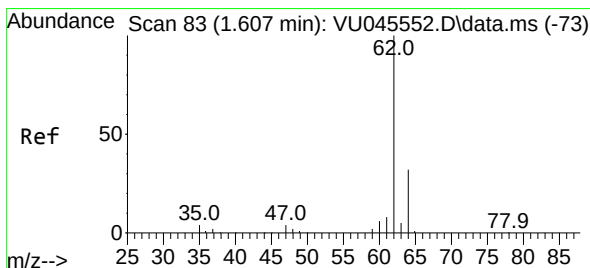
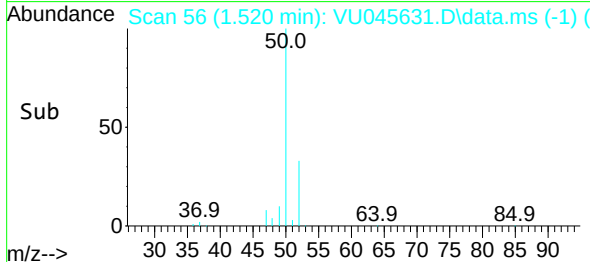
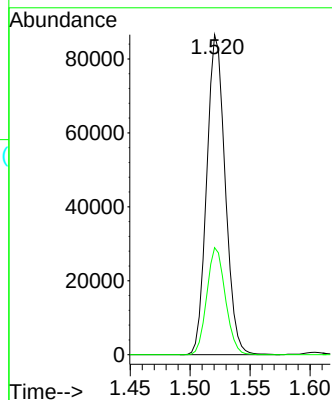
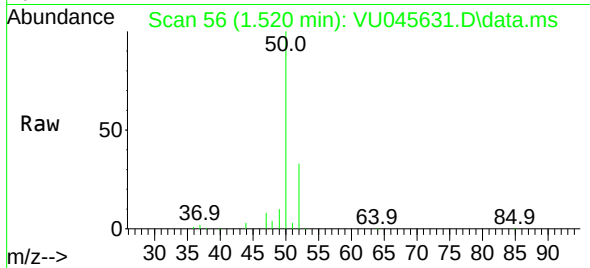
#3
Chloromethane
Concen: 43.776 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

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Tgt Ion: 50 Resp: 92830
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0

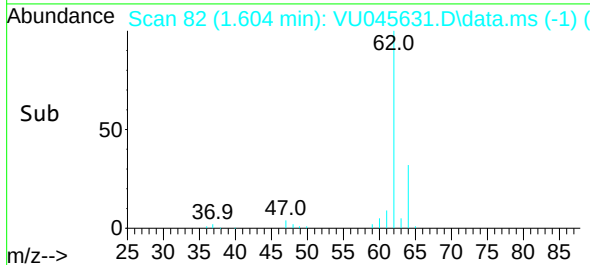
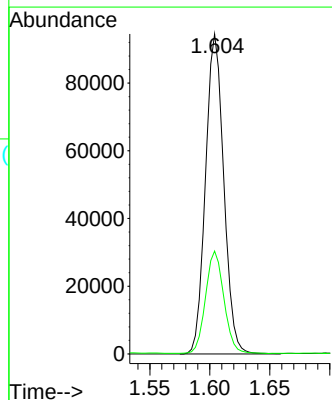
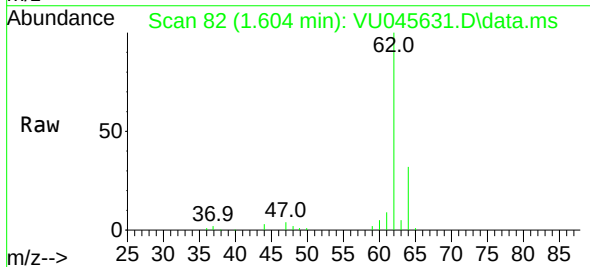
Manual Integrations
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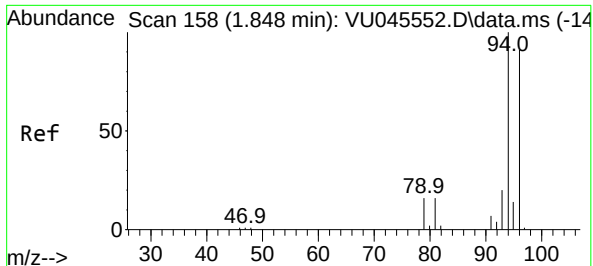
Reviewed By :John Carlone 11/09/2021
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#4
Vinyl Chloride
Concen: 48.461 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

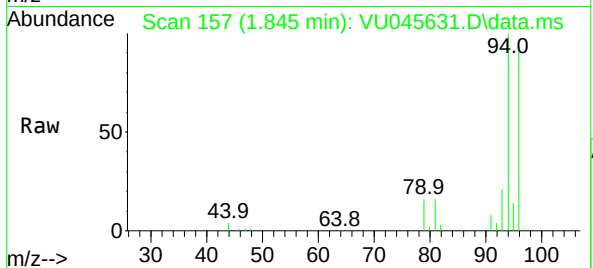
Tgt Ion: 62 Resp: 100111
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 54.075 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

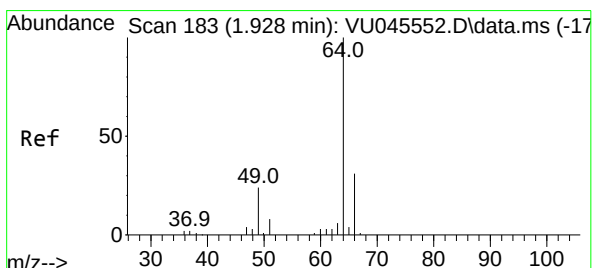
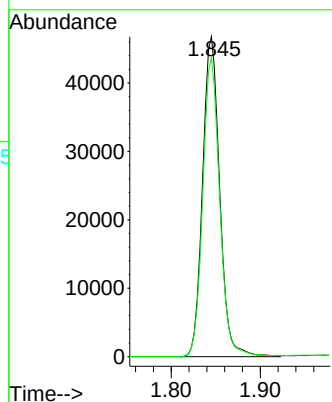
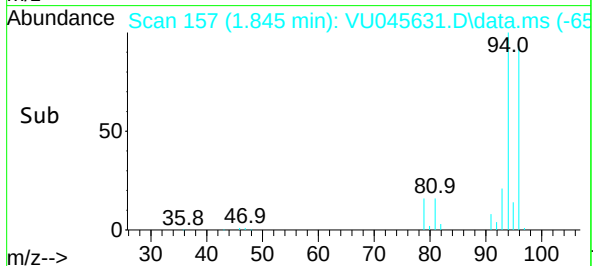
Instrument :
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Tgt Ion: 94 Resp: 6230
Ion Ratio Lower Upper
94 100
96 93.3 75.4 113.2

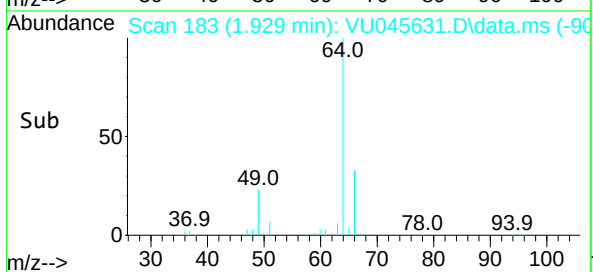
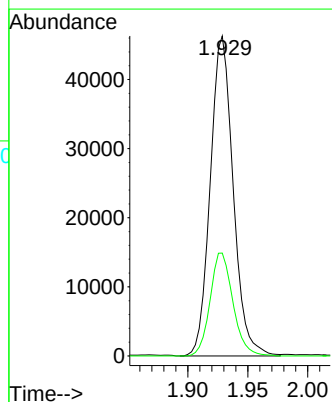
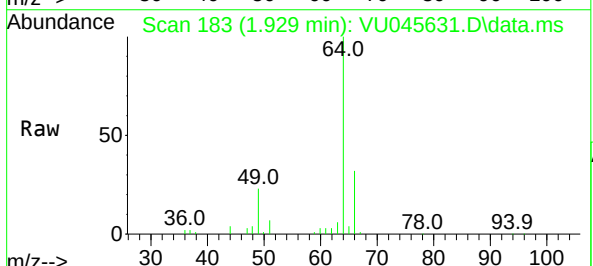
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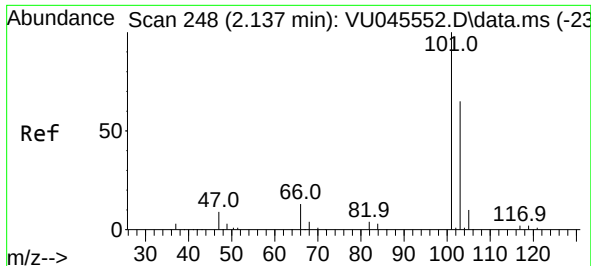
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#6
Chloroethane
Concen: 45.606 ug/l
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

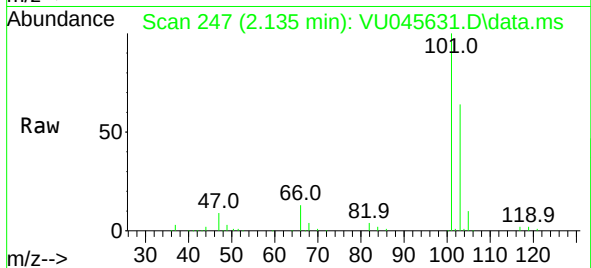
Tgt Ion: 64 Resp: 61484
Ion Ratio Lower Upper
64 100
66 32.2 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 47.697 ug/l
 RT: 2.135 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU045631.D
 Acq: 08 Nov 2021 21:41

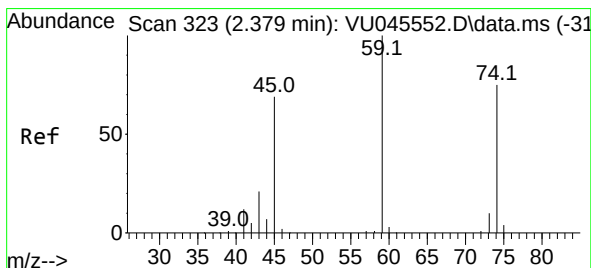
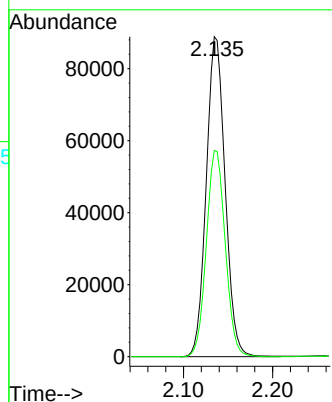
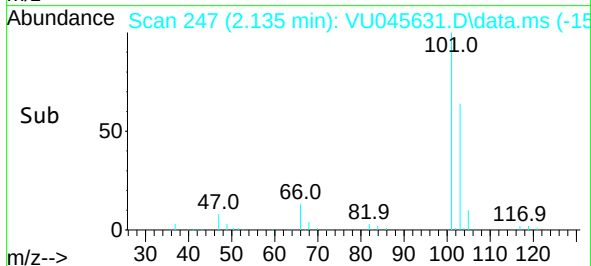
Instrument :
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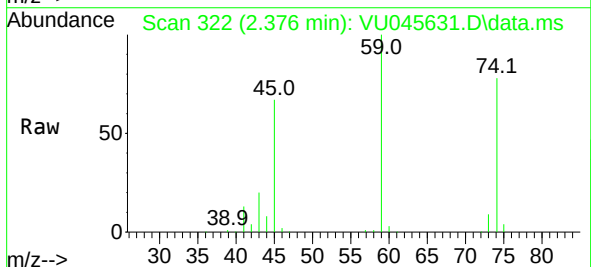
Tgt Ion:101 Resp: 130295
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0

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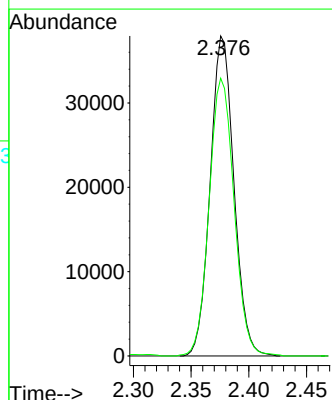
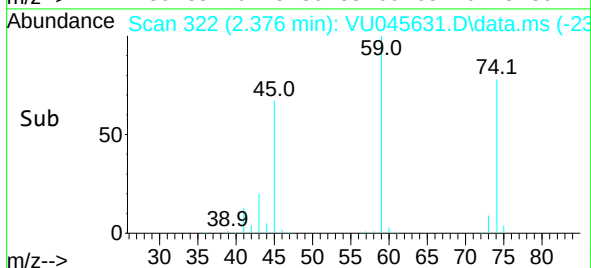
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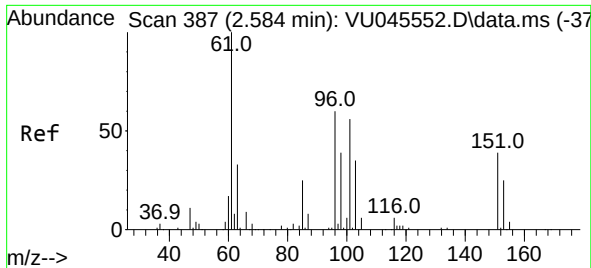


#8
 Diethyl Ether
 Concen: 50.202 ug/l
 RT: 2.376 min Scan# 322
 Delta R.T. -0.003 min
 Lab File: VU045631.D
 Acq: 08 Nov 2021 21:41



Tgt Ion: 74 Resp: 54286
 Ion Ratio Lower Upper
 74 100
 45 91.3 47.3 141.8





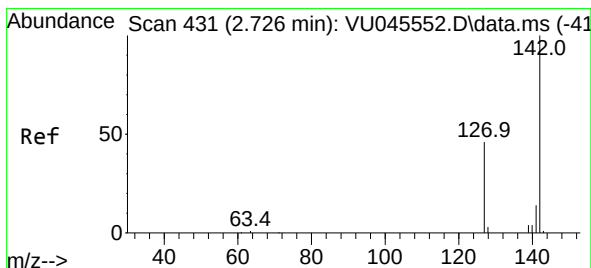
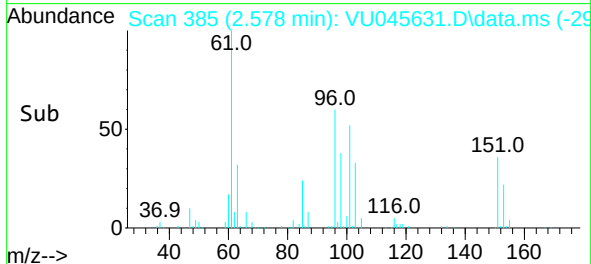
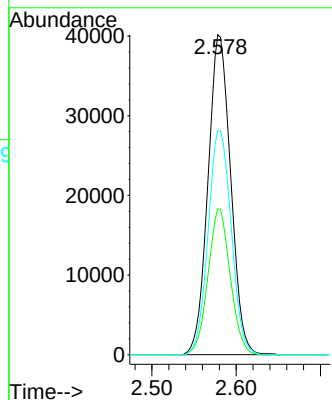
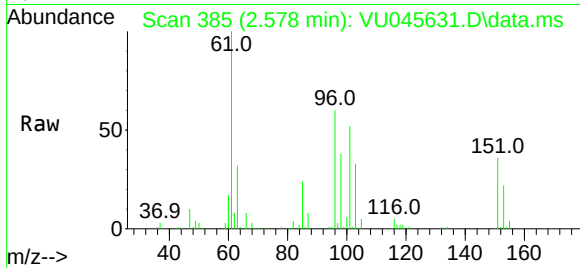
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.223 ug/l
RT: 2.578 min Scan# 387
Delta R.T. -0.006 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 75320
Ion Ratio Lower Upper
101 100
85 44.6 35.0 52.4
151 71.4 54.6 82.0

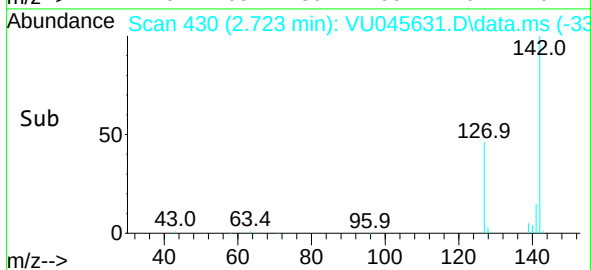
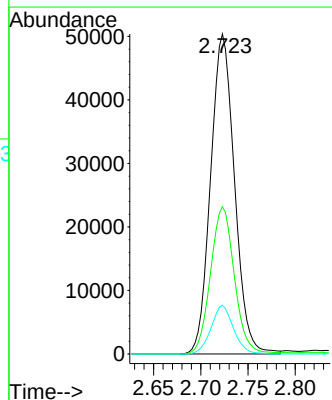
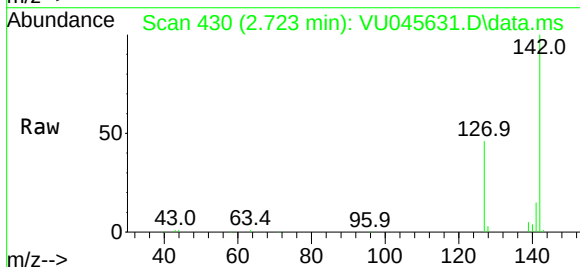
Manual Integrations
APPROVED

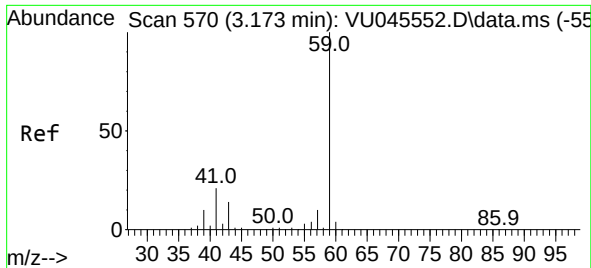
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#10
Methyl Iodide
Concen: 42.457 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Tgt Ion:142 Resp: 88626
Ion Ratio Lower Upper
142 100
127 45.8 32.2 48.2
141 14.2 11.3 16.9





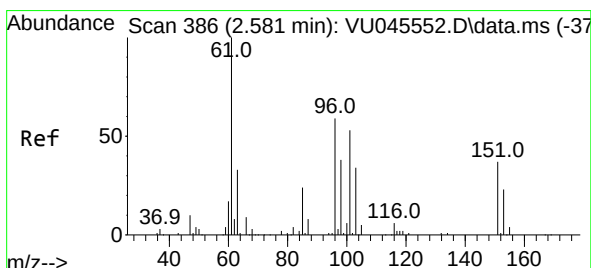
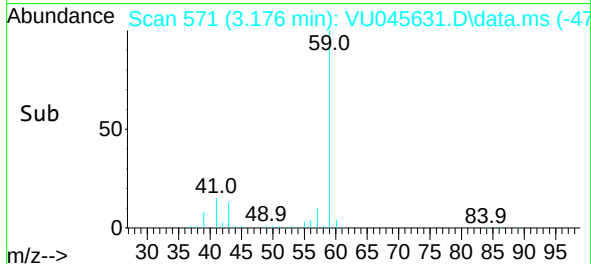
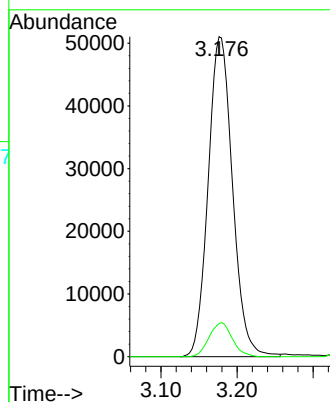
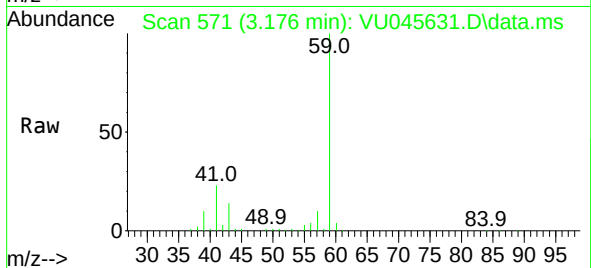
#11
Tert butyl alcohol
Concen: 267.854 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 11350
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

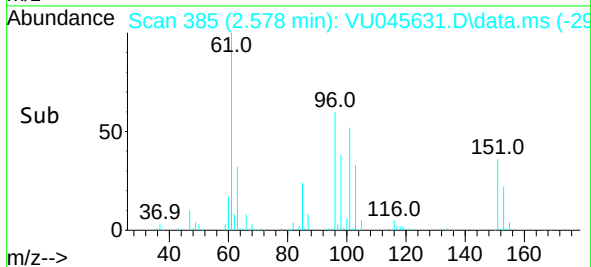
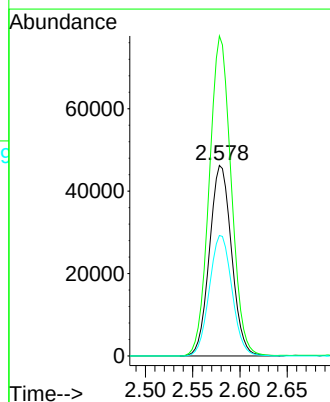
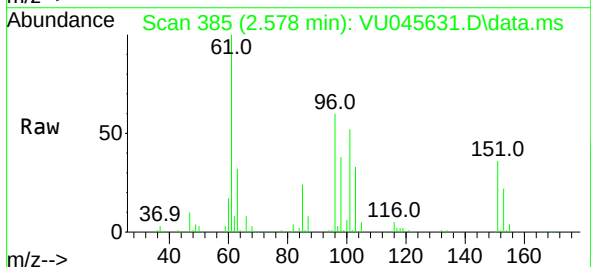
Manual Integrations
APPROVED

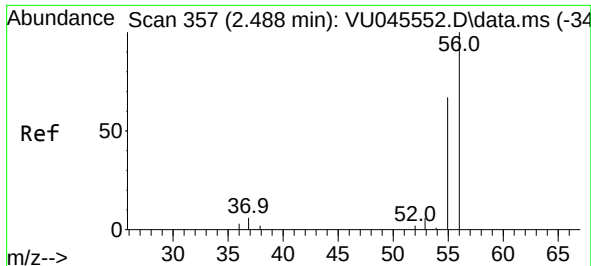
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#12
1,1-Dichloroethene
Concen: 47.866 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

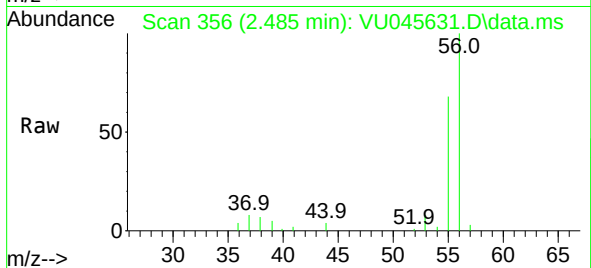
Tgt Ion: 96 Resp: 75281
Ion Ratio Lower Upper
96 100
61 167.9 137.1 205.7
98 63.2 51.5 77.3





#13
Acrolein
Concen: 291.906 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

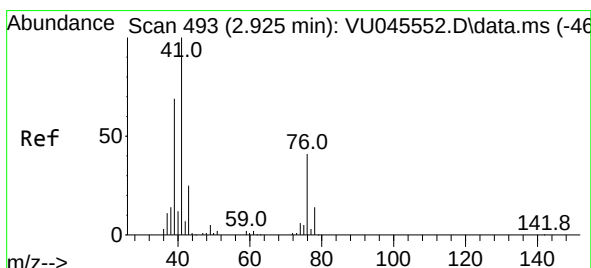
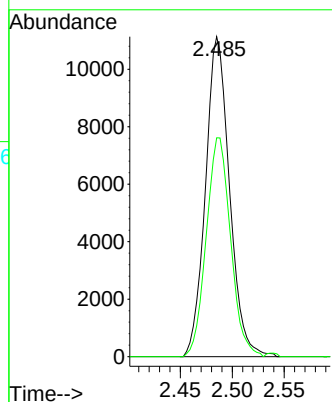
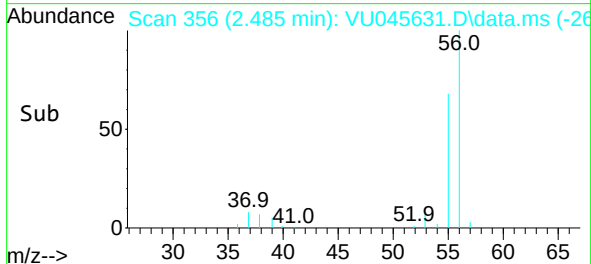
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17925
Ion Ratio Lower Upper
56 100
55 69.2 56.3 84.5

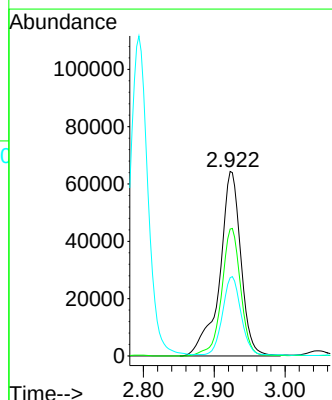
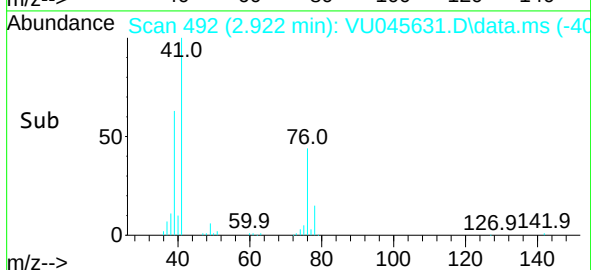
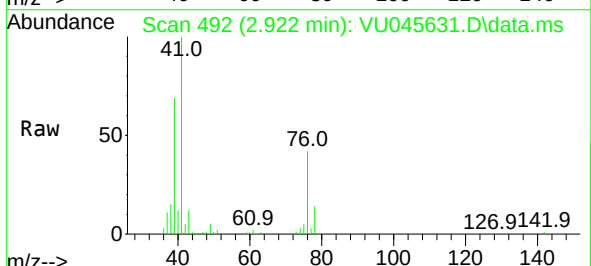
Manual Integrations
APPROVED

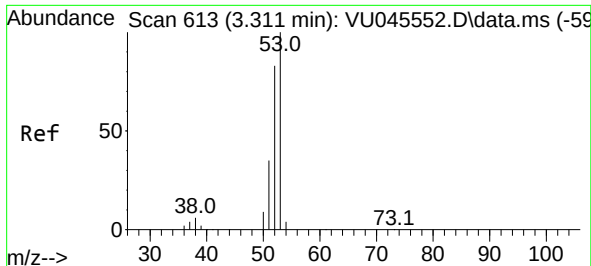
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#14
Allyl chloride
Concen: 47.733 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

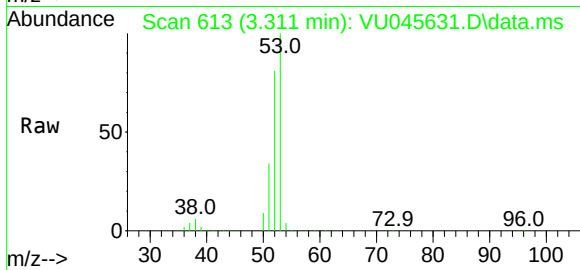
Tgt Ion: 41 Resp: 134046
Ion Ratio Lower Upper
41 100
39 62.1 49.7 74.5
76 37.5 27.7 41.5





#15
Acrylonitrile
Concen: 254.056 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

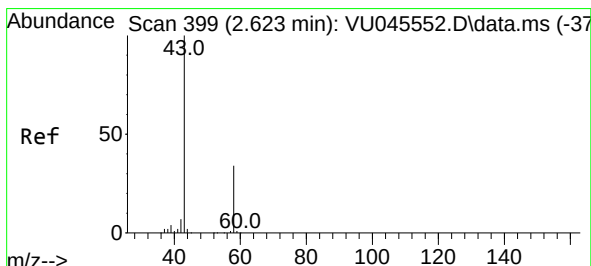
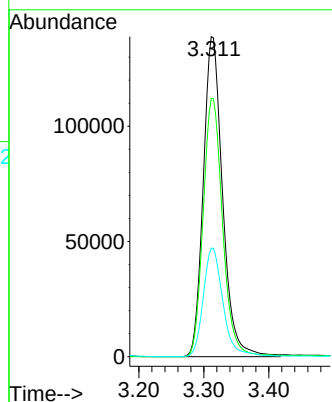
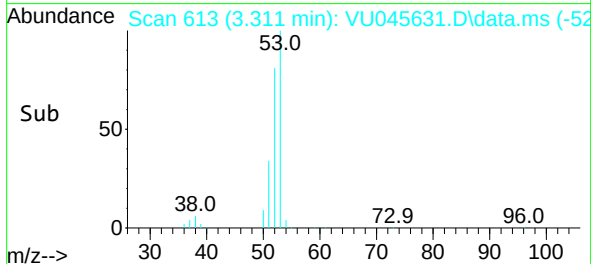
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 287431
Ion Ratio Lower Upper
53 100
52 80.9 66.6 100.0
51 35.0 28.4 42.6

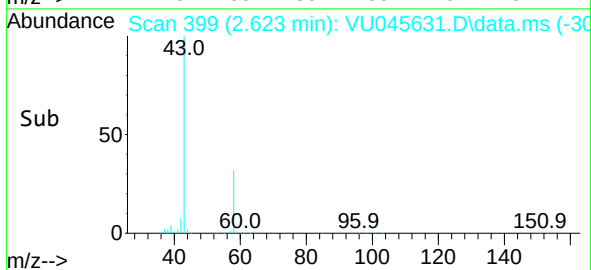
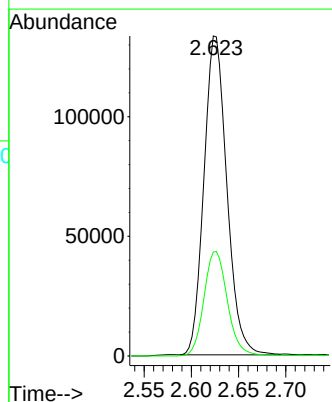
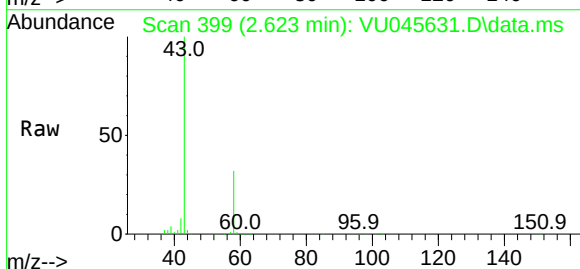
Manual Integrations
APPROVED

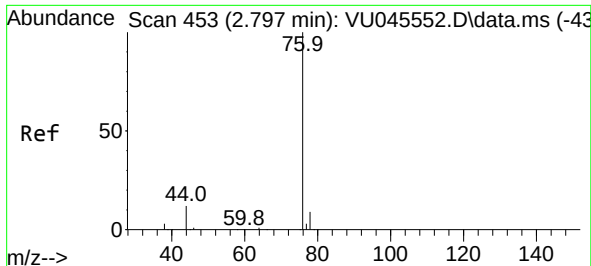
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#16
Acetone
Concen: 206.439 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Tgt Ion: 43 Resp: 224981
Ion Ratio Lower Upper
43 100
58 32.5 26.2 39.2





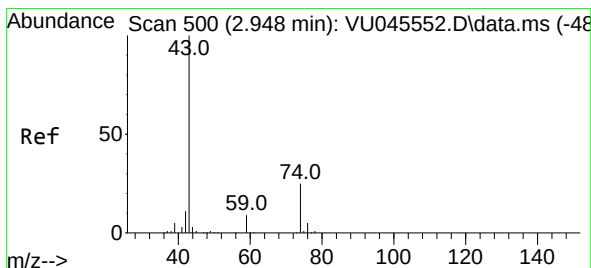
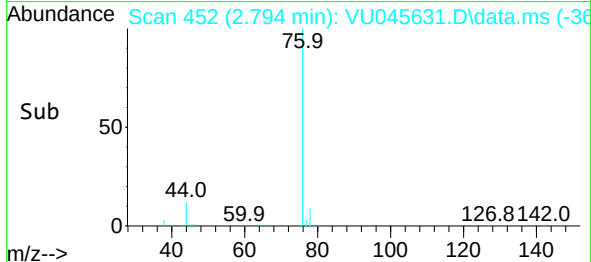
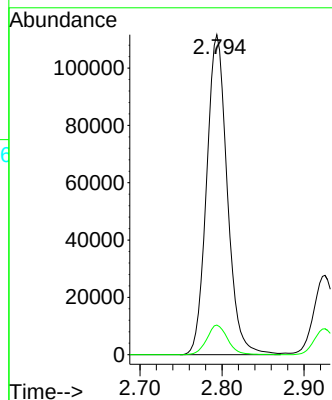
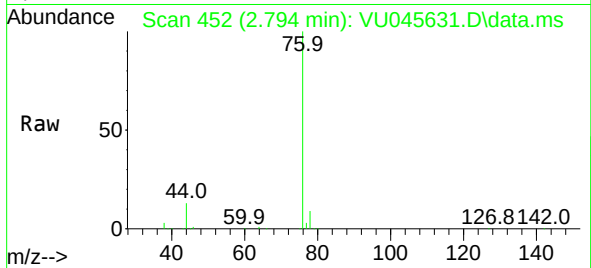
#17
Carbon Disulfide
Concen: 44.406 ug/l
RT: 2.794 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 195610
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

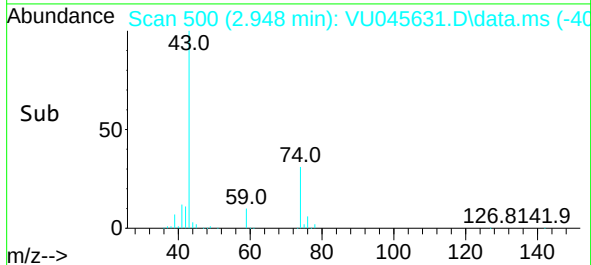
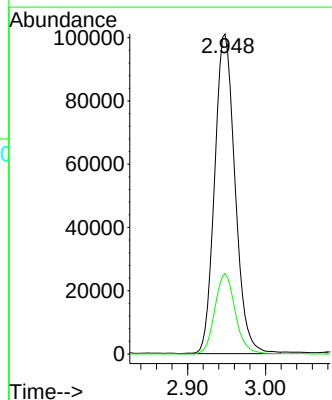
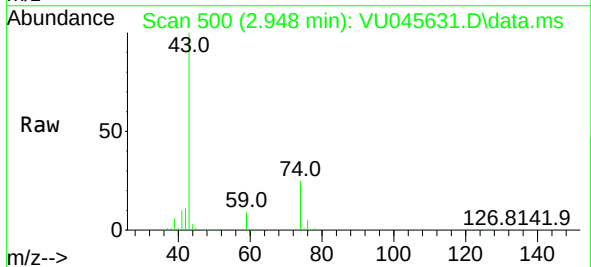
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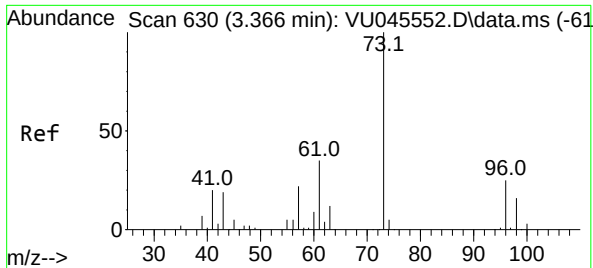
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
Methyl Acetate
Concen: 49.508 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Tgt Ion: 43 Resp: 183768
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 50.614 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 286538

Ion Ratio Lower Upper

73 100

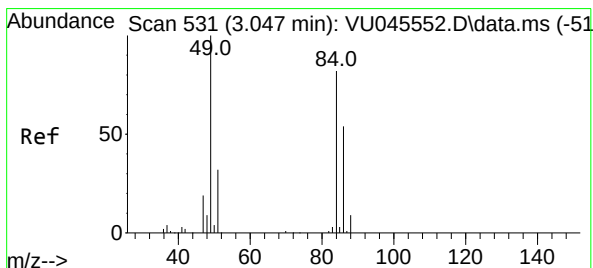
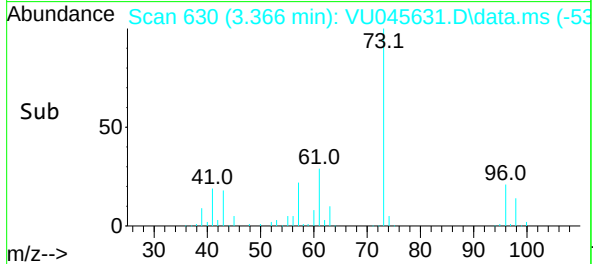
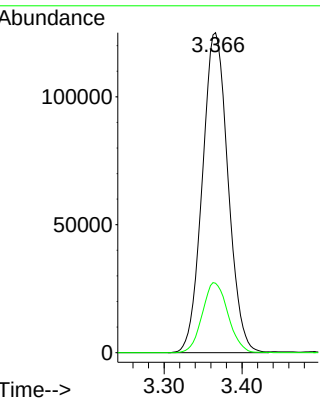
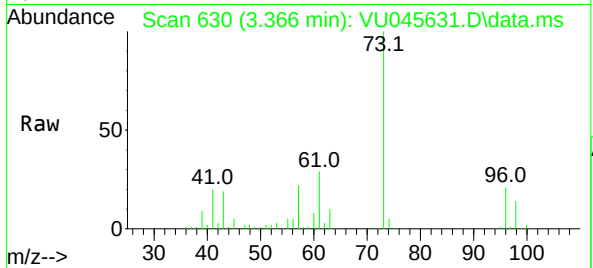
57 21.7 18.1 27.1

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#20

Methylene Chloride

Concen: 48.146 ug/l

RT: 3.048 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Tgt Ion: 84 Resp: 91172

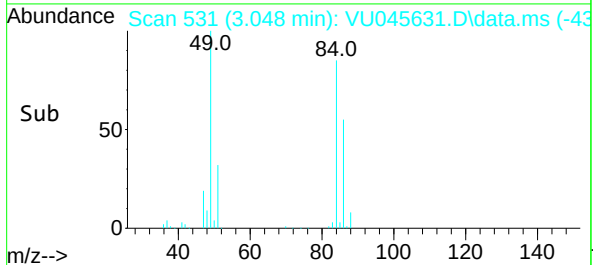
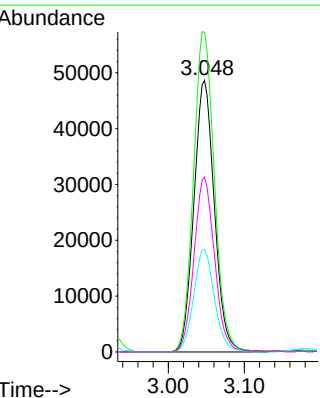
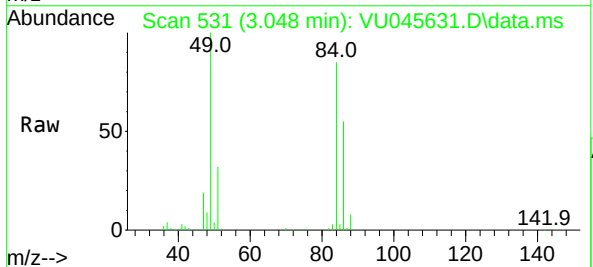
Ion Ratio Lower Upper

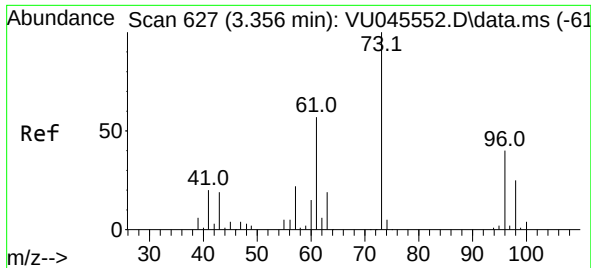
84 100

49 117.7 96.4 144.6

51 37.8 30.5 45.7

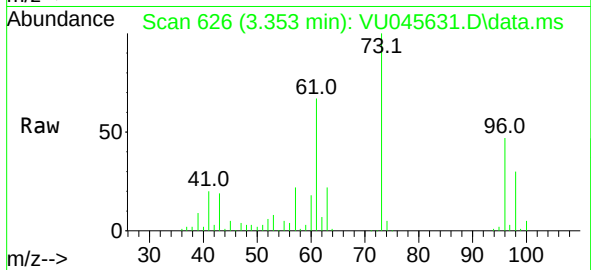
86 64.4 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 50.036 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

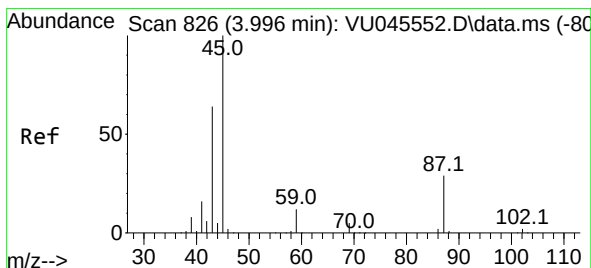
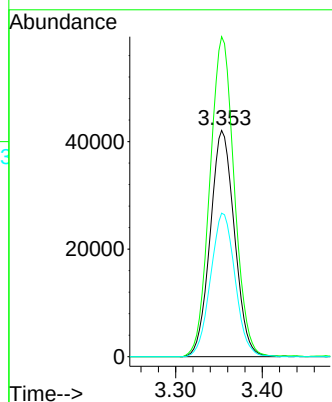
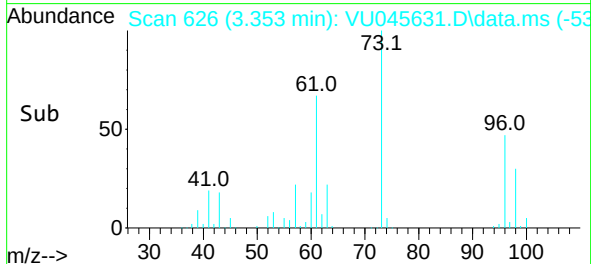
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



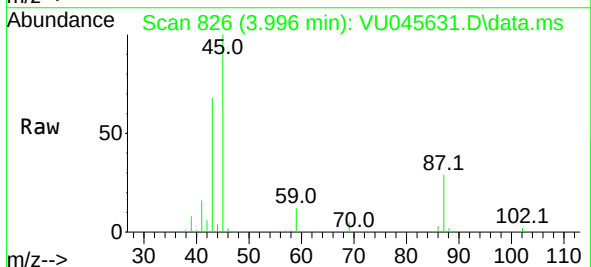
Tgt Ion: 96 Resp: 81869
Ion Ratio Lower Upper
96 100
61 141.4 118.2 177.4
98 63.4 52.1 78.1

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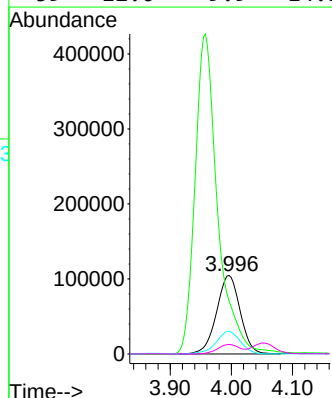
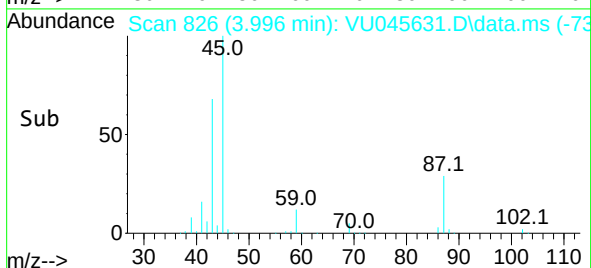
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

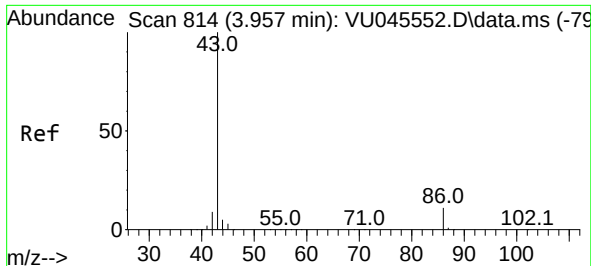


#22
Diisopropyl ether
Concen: 50.996 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



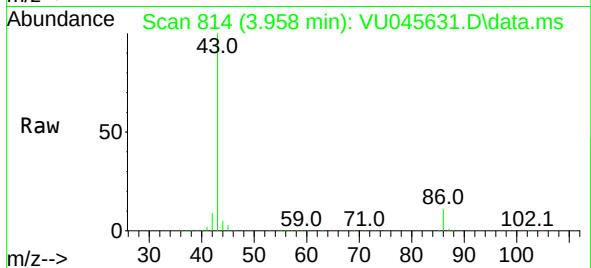
Tgt Ion: 45 Resp: 281192
Ion Ratio Lower Upper
45 100
43 65.1 60.0 90.0
87 28.8 22.3 33.5
59 12.0 9.9 14.9





#23
 Vinyl Acetate
 Concen: 258.130 ug/l
 RT: 3.958 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045631.D
 Acq: 08 Nov 2021 21:41

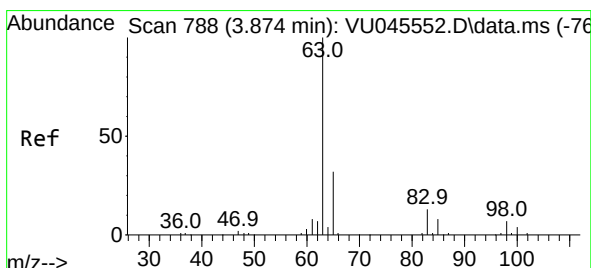
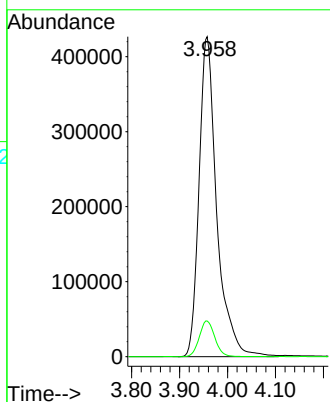
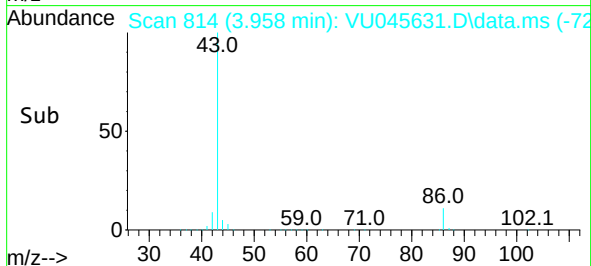
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



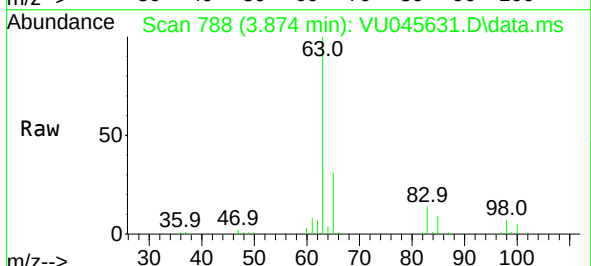
Tgt Ion: 43 Resp: 109470
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

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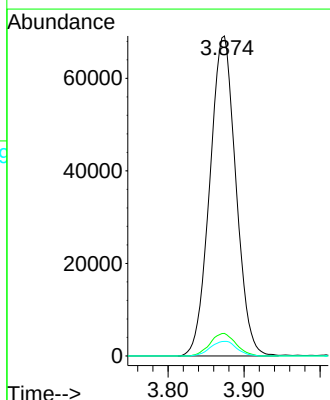
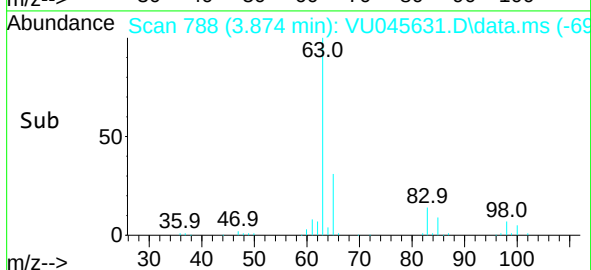
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021

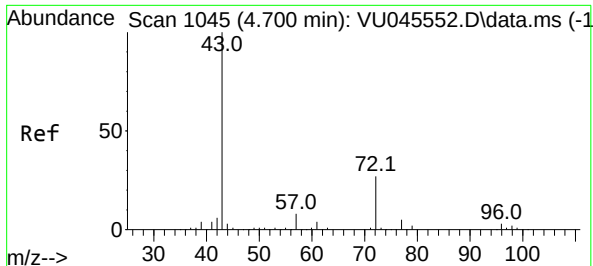


#24
 1,1-Dichloroethane
 Concen: 50.082 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045631.D
 Acq: 08 Nov 2021 21:41



Tgt Ion: 63 Resp: 164560
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 247.876 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 37467

Ion Ratio Lower Upper

43 100

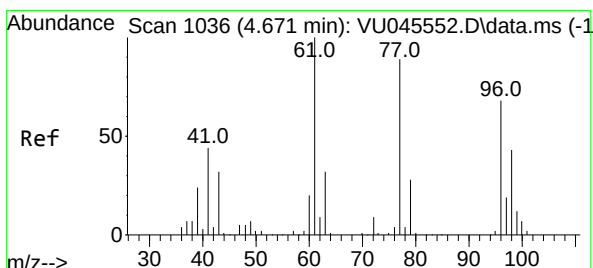
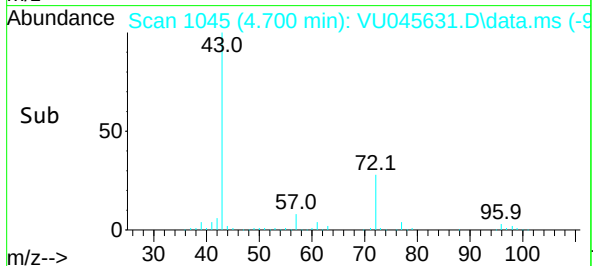
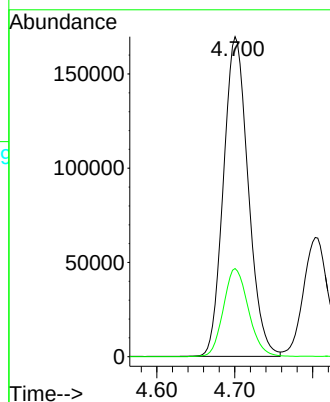
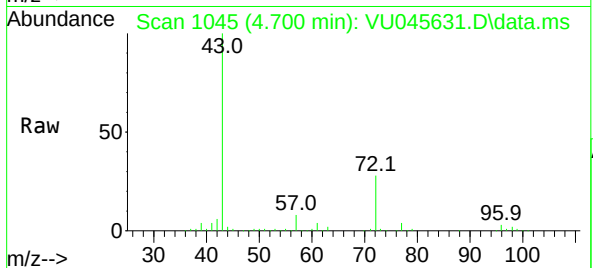
72 27.6 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#26

2,2-Dichloropropane

Concen: 45.002 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045631.D

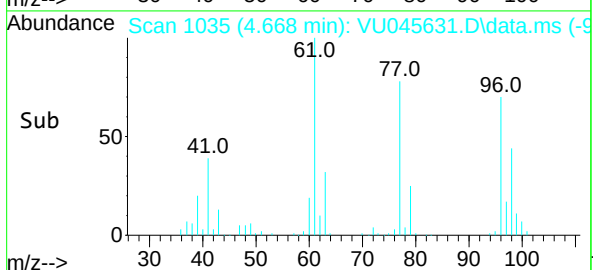
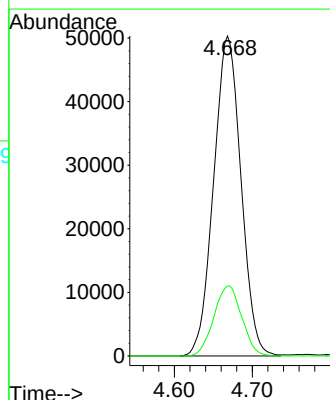
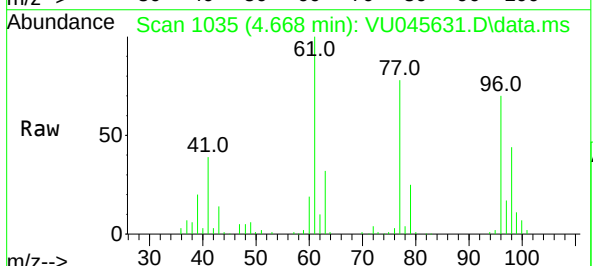
Acq: 08 Nov 2021 21:41

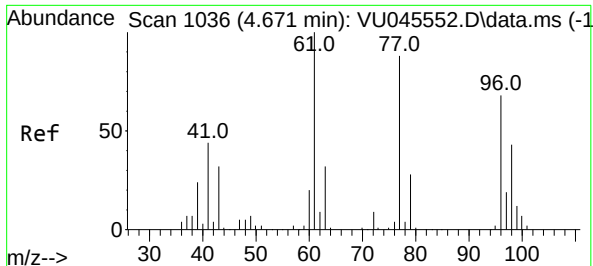
Tgt Ion: 77 Resp: 122531

Ion Ratio Lower Upper

77 100

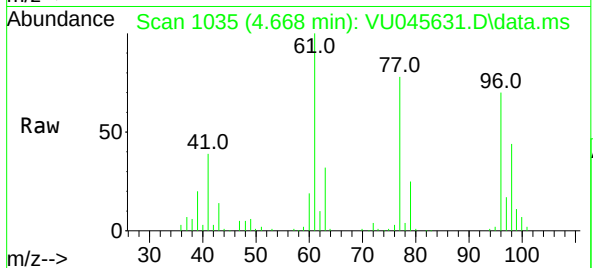
97 22.3 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.993 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045631.D
 Acq: 08 Nov 2021 21:41

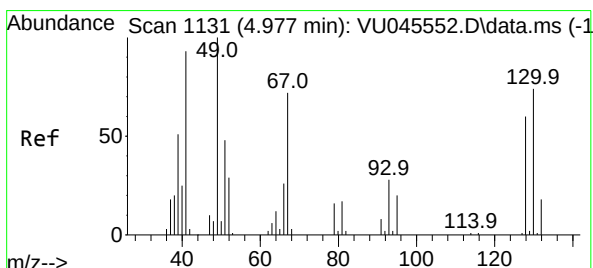
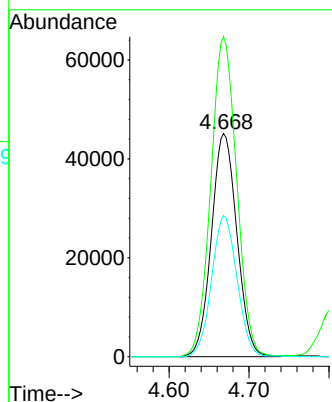
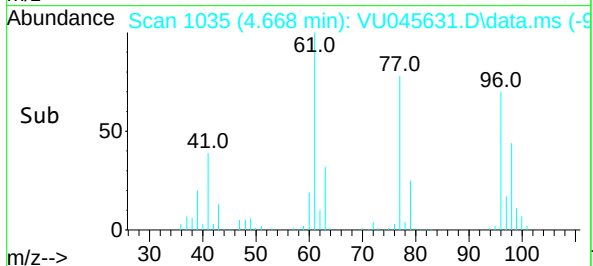
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



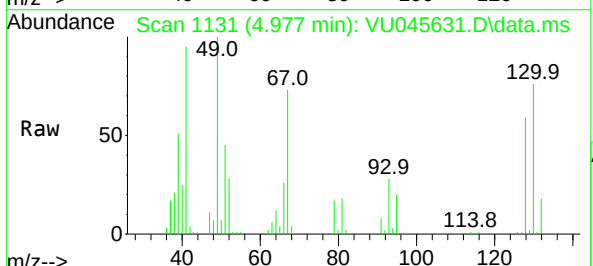
Tgt Ion: 96 Resp: 9991
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 299.2
 98 63.1 0.0 127.6

Manual Integrations
 APPROVED

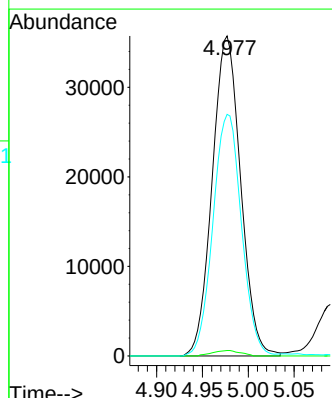
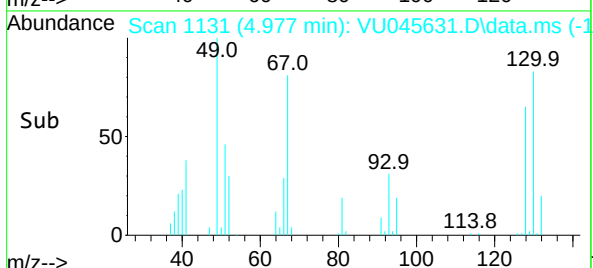
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021

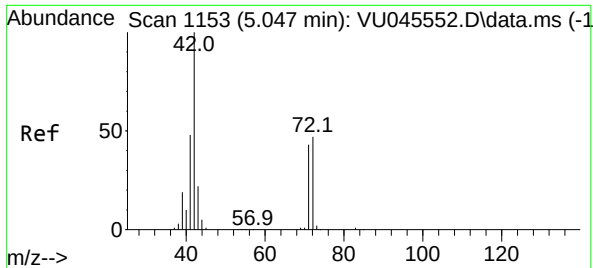


#28
 Bromochloromethane
 Concen: 49.204 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045631.D
 Acq: 08 Nov 2021 21:41



Tgt Ion: 49 Resp: 77078
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 75.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 257.032 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.003 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 237640

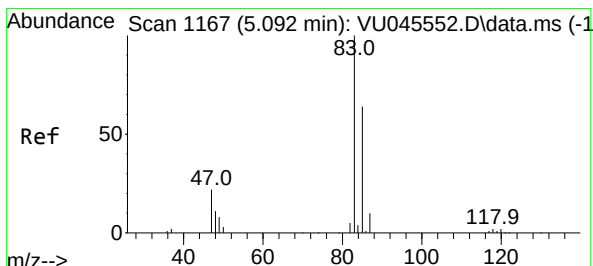
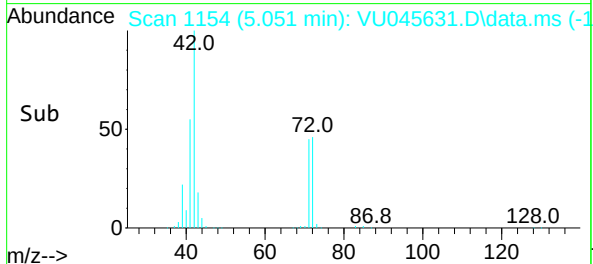
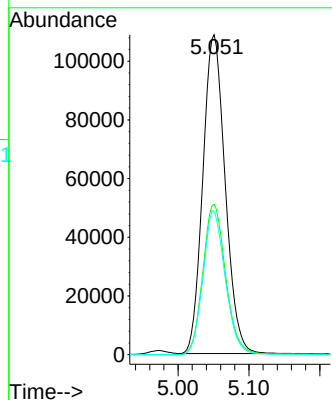
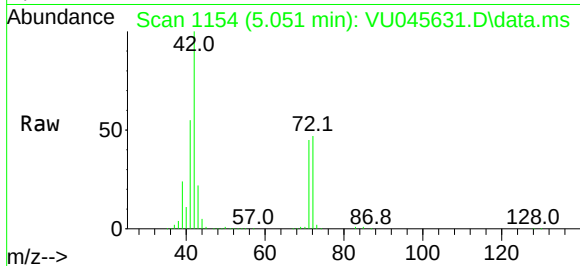
Ion	Ratio	Lower	Upper
42	100		
72	48.3	38.2	57.4
71	45.0	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#30

Chloroform

Concen: 50.675 ug/l

RT: 5.089 min Scan# 1166

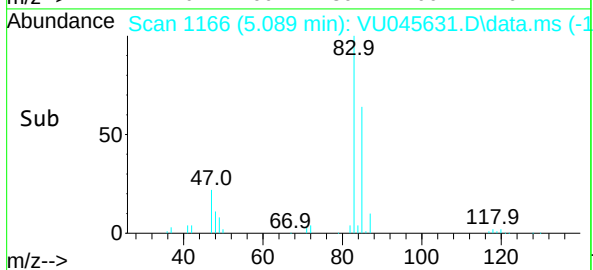
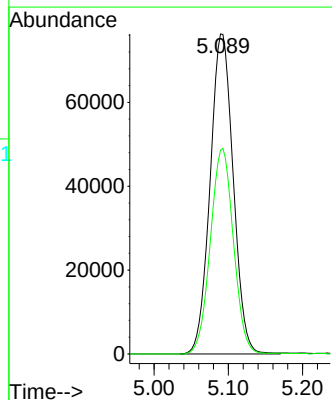
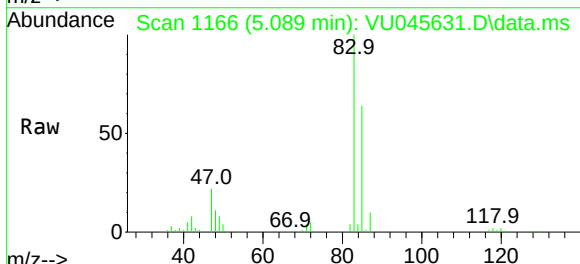
Delta R.T. -0.003 min

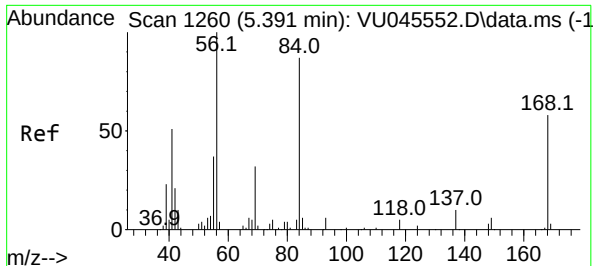
Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Tgt Ion: 83 Resp: 164677

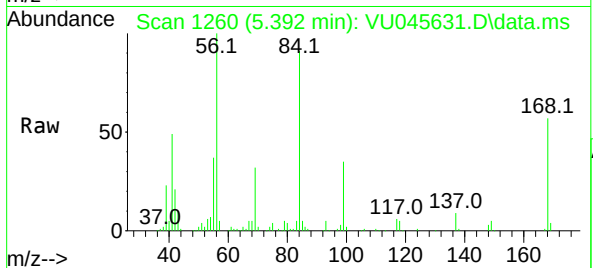
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.0	78.0





#31
Cyclohexane
Concen: 45.521 ug/l
RT: 5.392 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

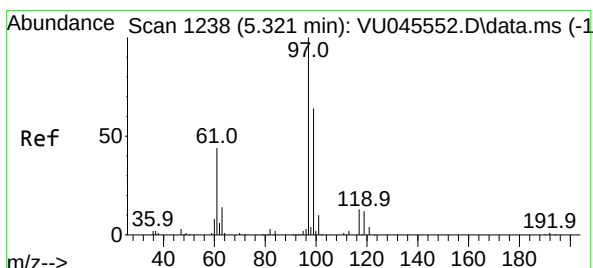
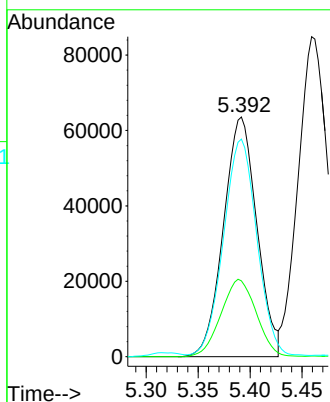
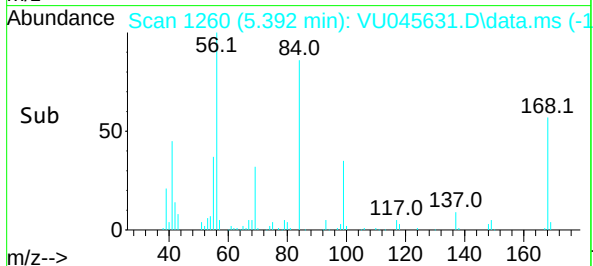
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



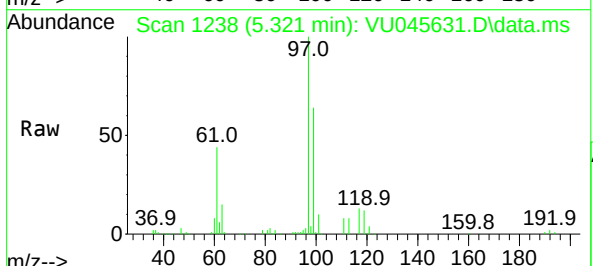
Tgt Ion: 56 Resp: 142190
Ion Ratio Lower Upper
56 100
69 31.6 26.4 39.6
84 89.5 68.4 102.6

Manual Integrations
APPROVED

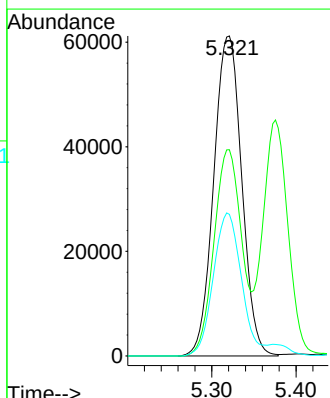
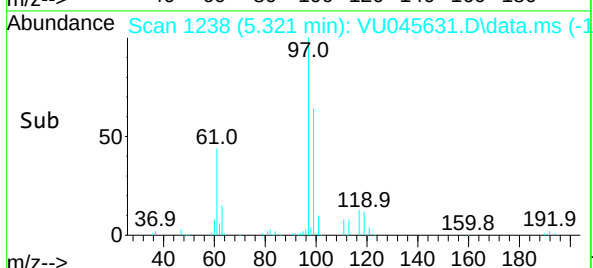
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

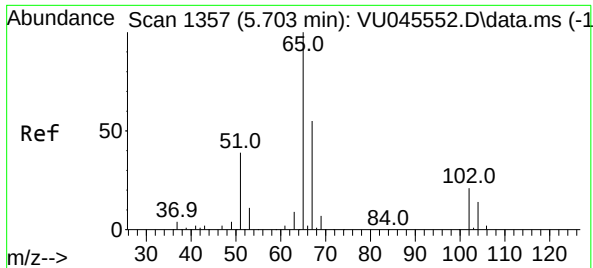


#32
1,1,1-Trichloroethane
Concen: 50.917 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



Tgt Ion: 97 Resp: 141102
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 45.1 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 51.518 ug/l

RT: 5.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 11029

Ion Ratio Lower Upper

65 100

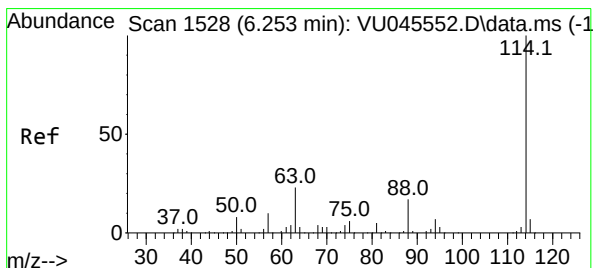
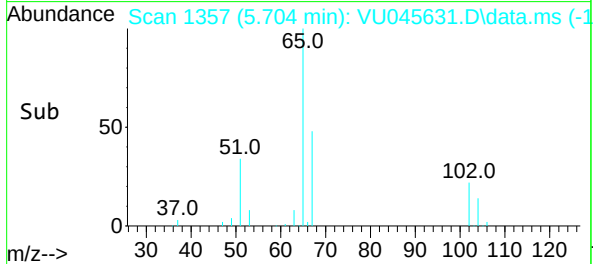
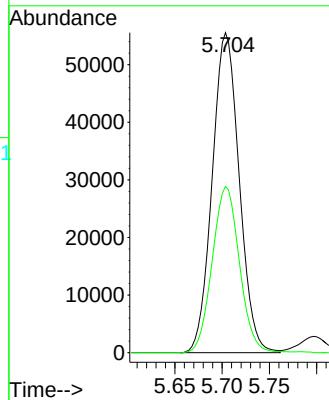
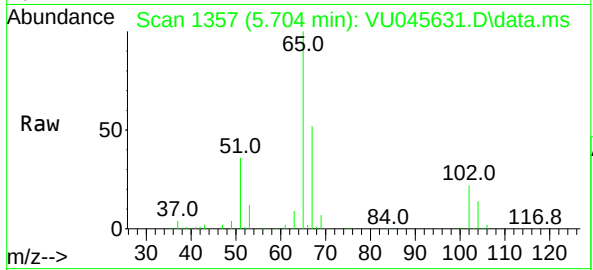
67 52.3 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

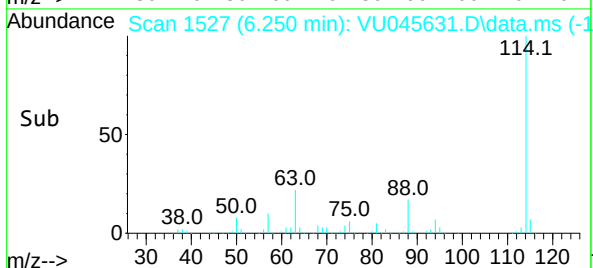
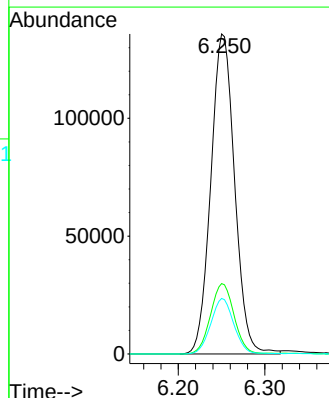
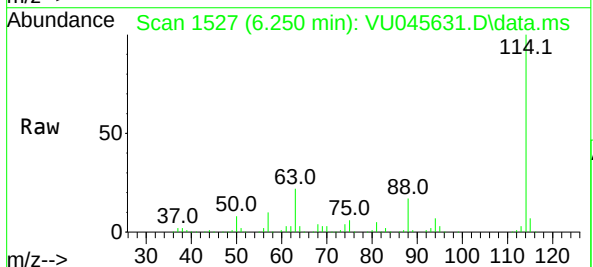
Tgt Ion:114 Resp: 259382

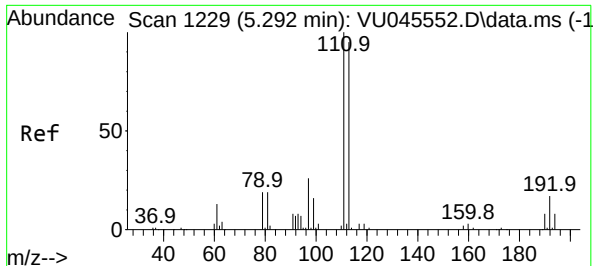
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.601 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 85890

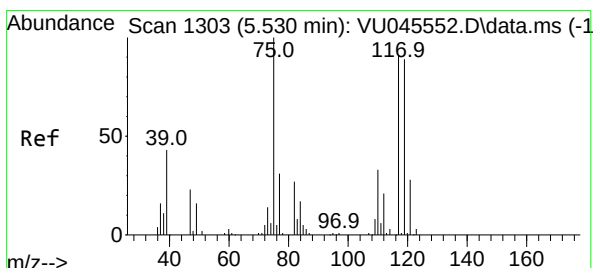
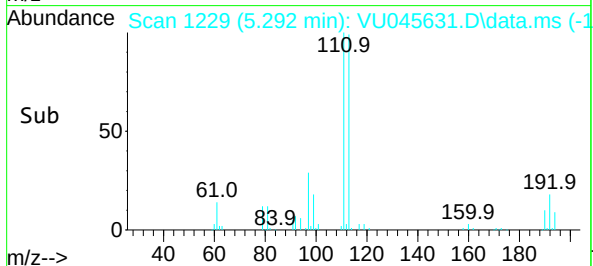
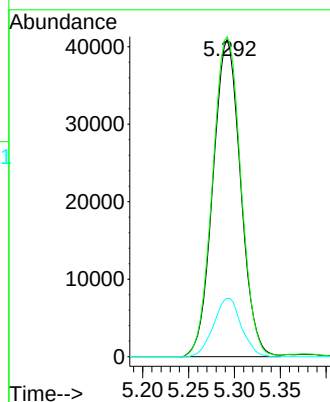
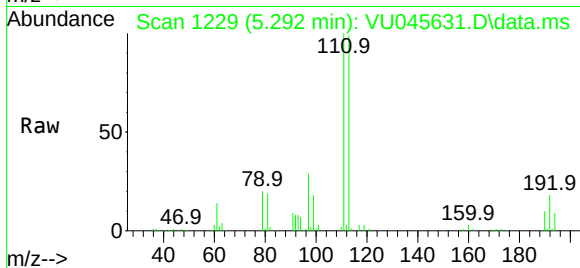
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	18.4	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#36

1,1-Dichloropropene

Concen: 45.999 ug/l

RT: 5.530 min Scan# 1303

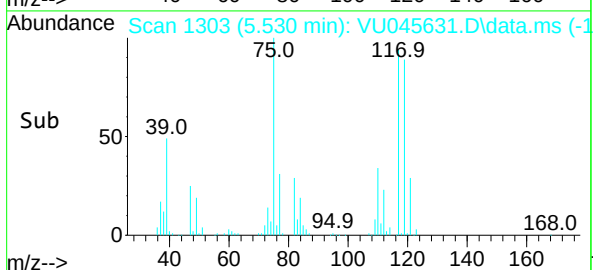
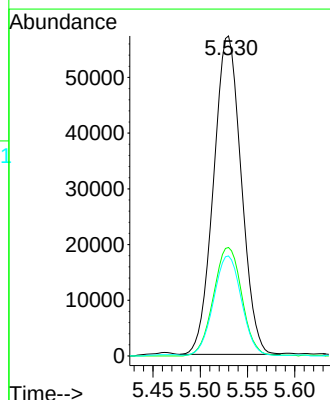
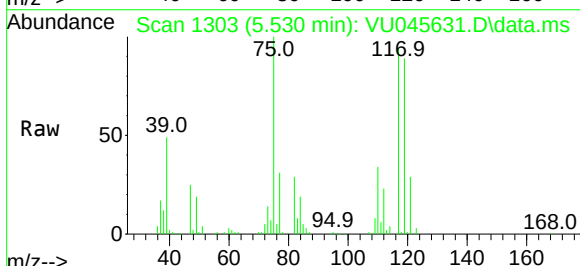
Delta R.T. 0.000 min

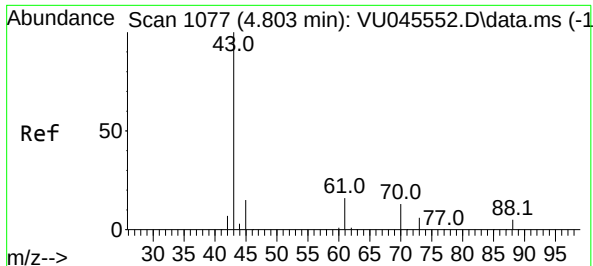
Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Tgt Ion: 75 Resp: 116339

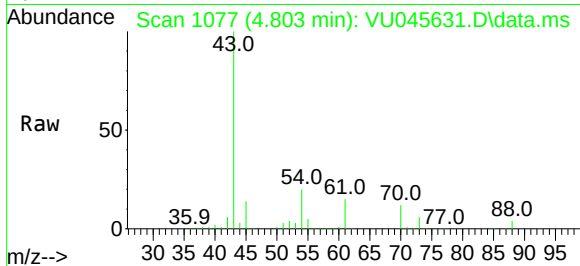
Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.0
77	31.4	25.0	37.4





#37
Ethyl Acetate
Concen: 48.742 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

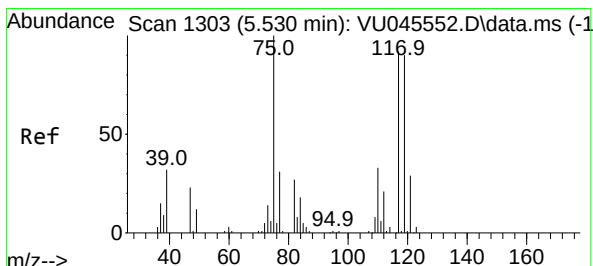
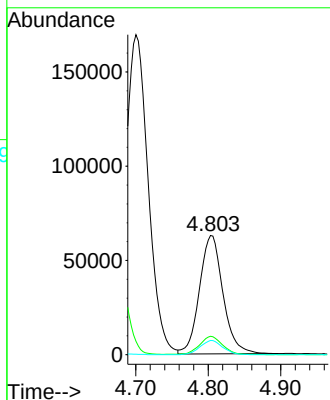
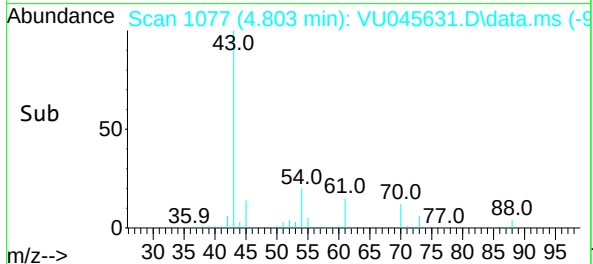
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 141609
Ion Ratio Lower Upper
43 100
61 15.3 11.6 17.4
70 11.5 9.1 13.7

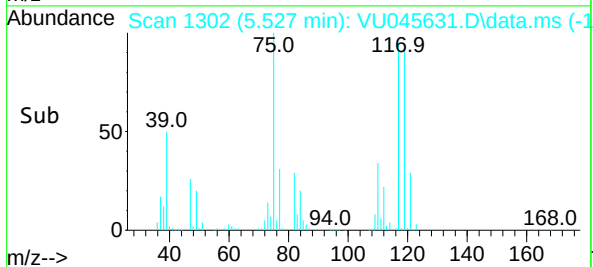
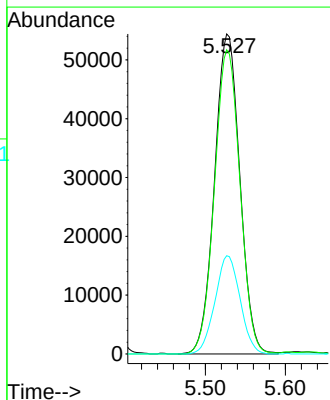
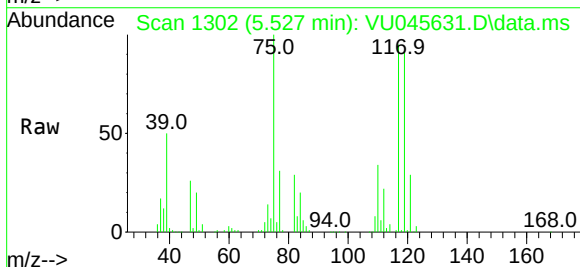
Manual Integrations
APPROVED

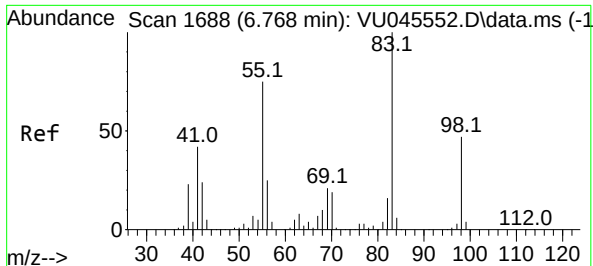
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#38
Carbon Tetrachloride
Concen: 46.848 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Tgt Ion:117 Resp: 119455
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 43.932 ug/l

RT: 6.765 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13631

Ion Ratio Lower Upper

83 100

55 74.9 63.6 95.4

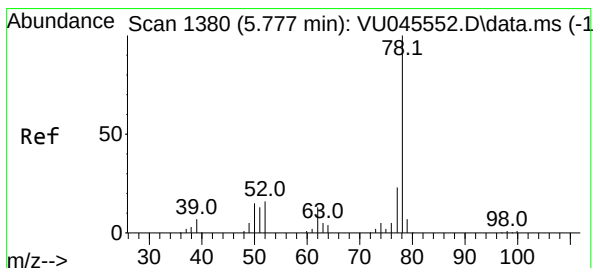
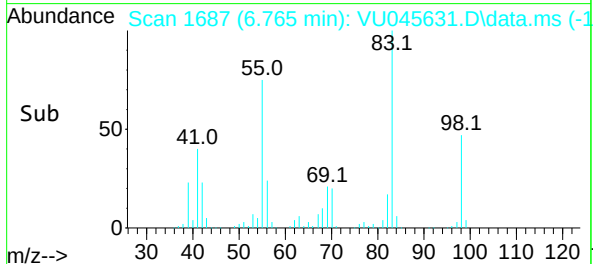
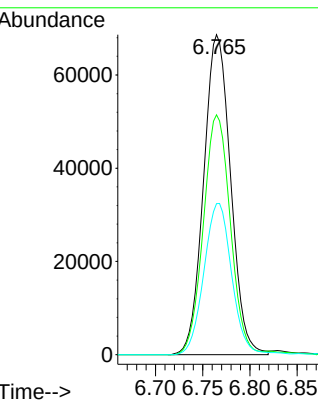
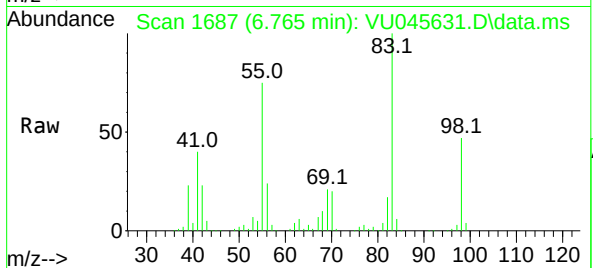
98 47.2 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#40

Benzene

Concen: 46.362 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.003 min

Lab File: VU045631.D

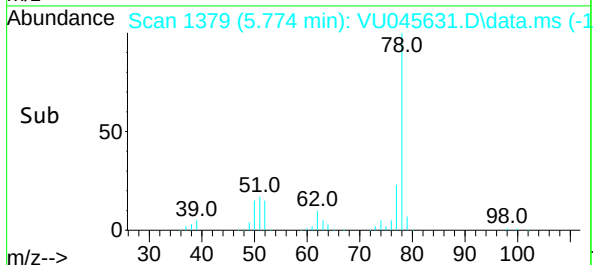
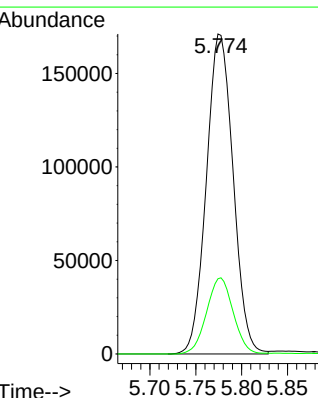
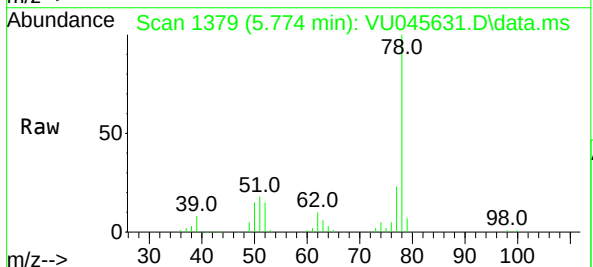
Acq: 08 Nov 2021 21:41

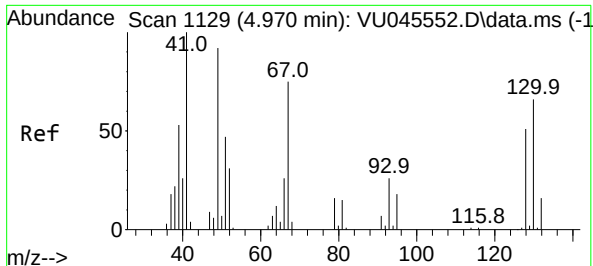
Tgt Ion: 78 Resp: 347160

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4





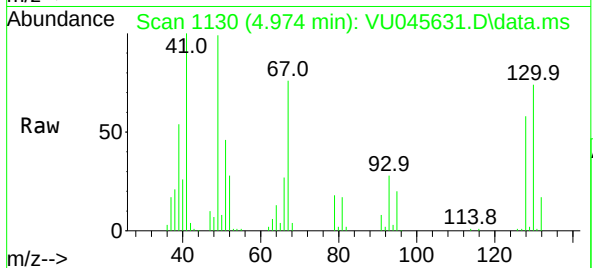
#41
Methacrylonitrile
Concen: 50.298 ug/l
RT: 4.974 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050



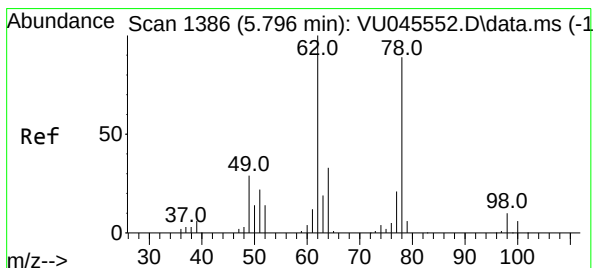
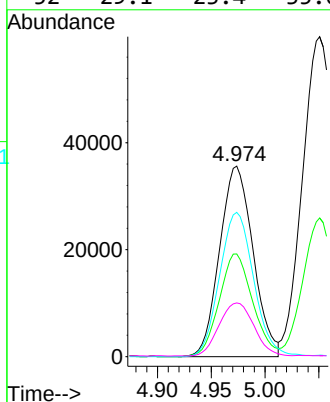
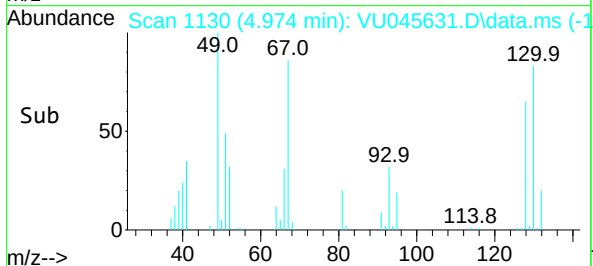
Tgt Ion: 41 Resp: 77224
Ion Ratio Lower Upper
41 100
39 54.0 43.4 65.0
67 77.3 61.0 91.4
52 29.1 23.4 35.0

Manual Integrations

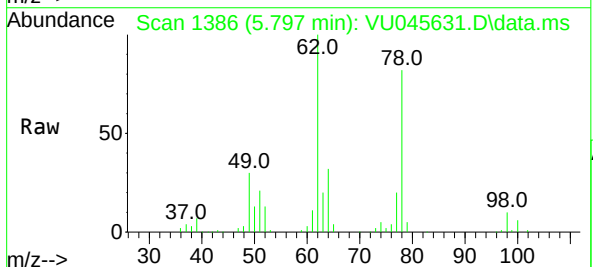
APPROVED

Reviewed By :John Carlone 11/09/2021

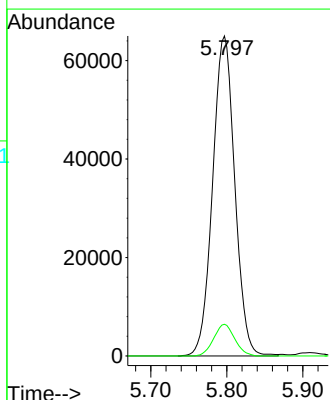
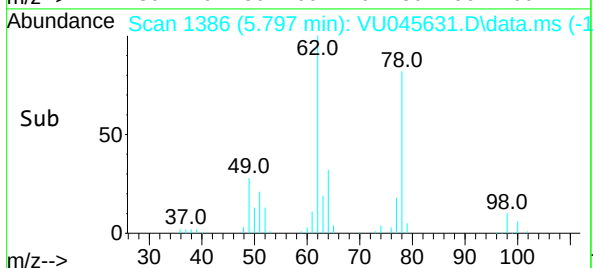
Supervised By :Mahesh Dadoda 11/15/2021

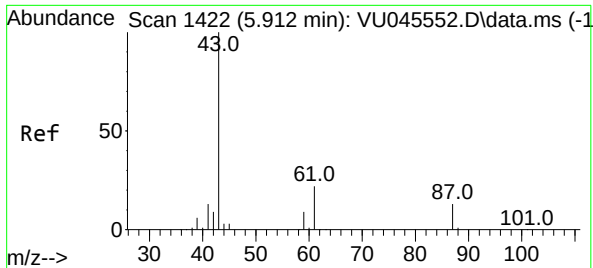


#42
1,2-Dichloroethane
Concen: 48.627 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



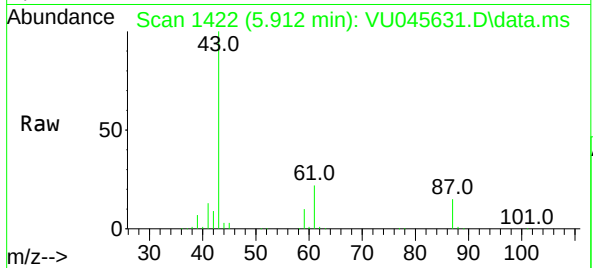
Tgt Ion: 62 Resp: 131522
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43
Isopropyl Acetate
Concen: 49.386 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

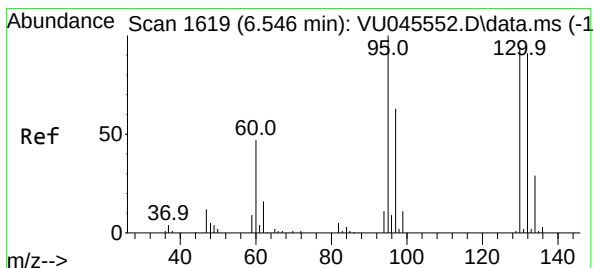
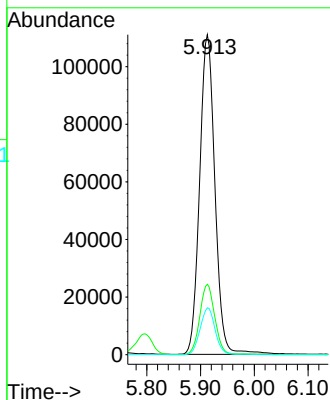
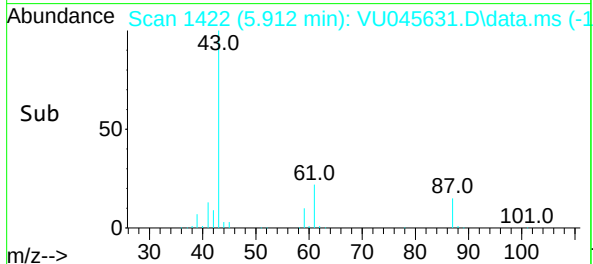
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



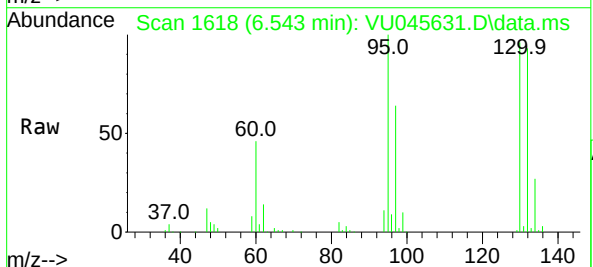
Tgt Ion: 43 Resp: 219460
Ion Ratio Lower Upper
43 100
61 21.6 16.9 25.3
87 14.3 11.0 16.4

Manual Integrations
APPROVED

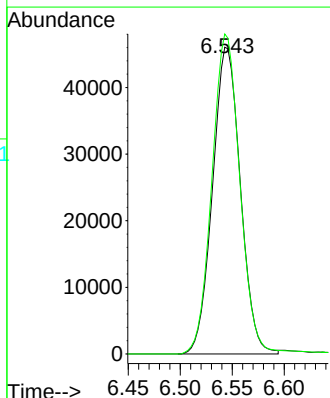
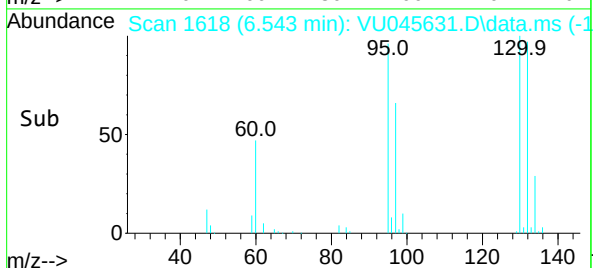
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

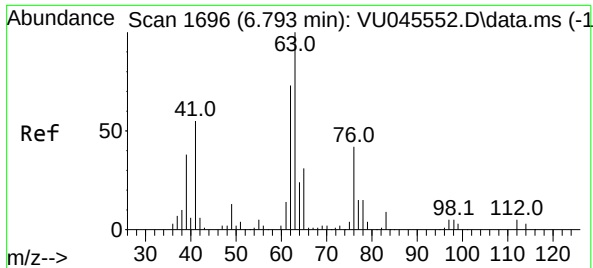


#44
Trichloroethene
Concen: 47.849 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



Tgt Ion:130 Resp: 85763
Ion Ratio Lower Upper
130 100
95 104.3 0.0 211.4





#45

1,2-Dichloropropane

Concen: 48.982 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 97049

Ion Ratio Lower Upper

63 100

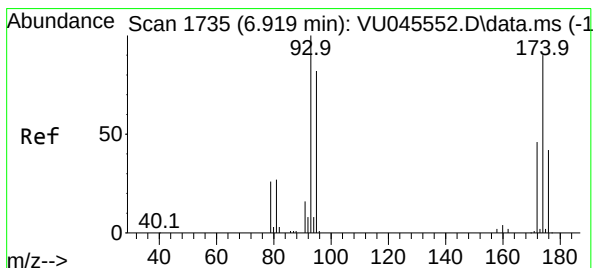
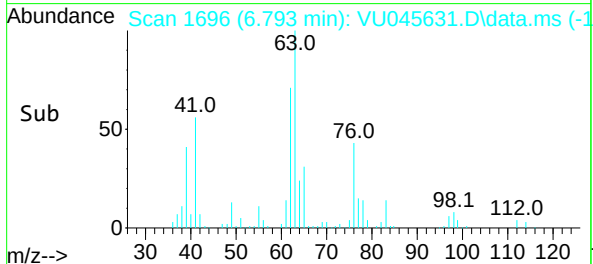
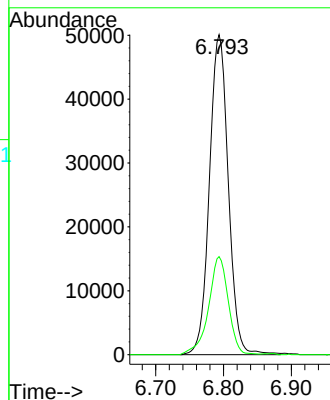
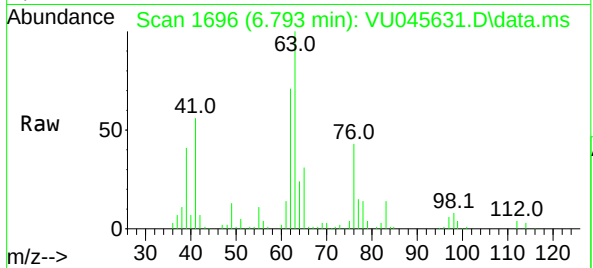
65 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#46

Dibromomethane

Concen: 47.857 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

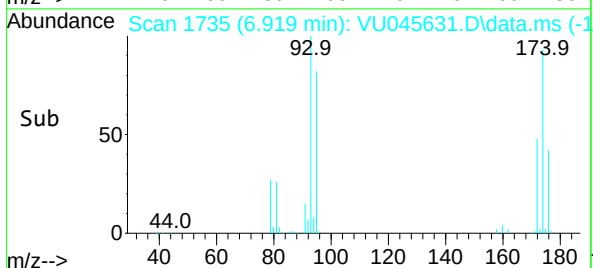
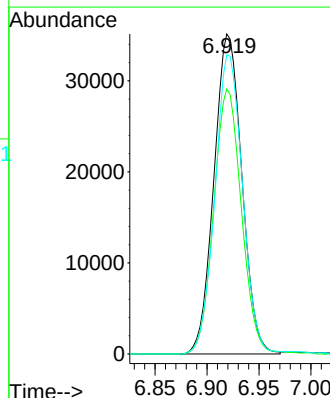
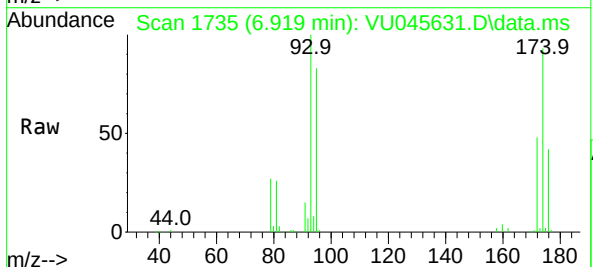
Tgt Ion: 93 Resp: 65699

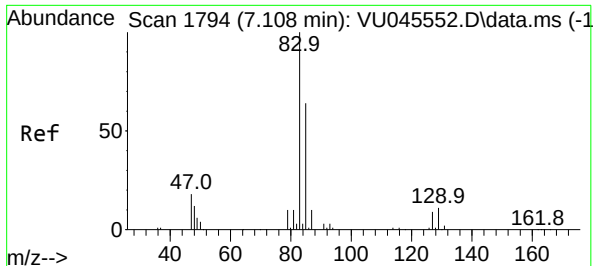
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.2

174 92.5 71.0 106.6





#47

Bromodichloromethane

Concen: 49.153 ug/l

RT: 7.109 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

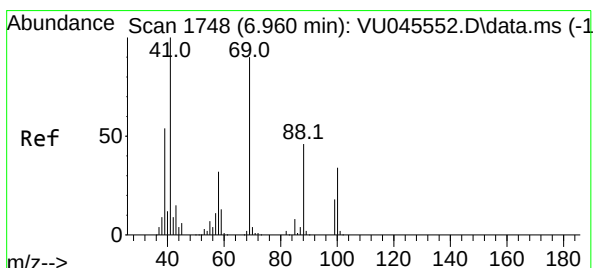
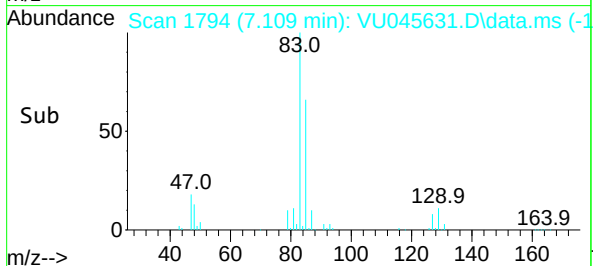
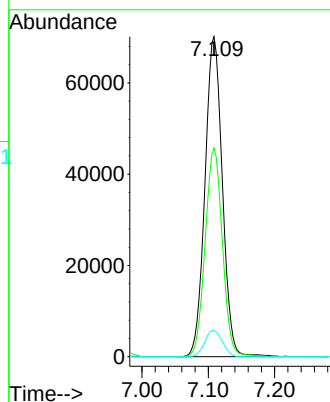
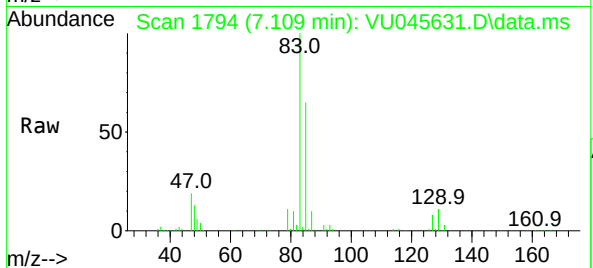
Tgt Ion:	83	Resp:	12803
Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.8	74.6
127	8.2	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#48

Methyl methacrylate

Concen: 49.623 ug/l

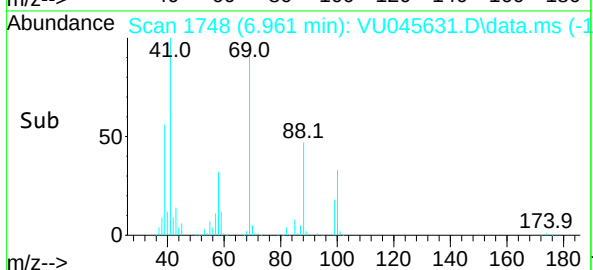
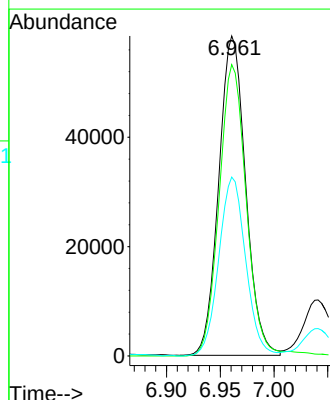
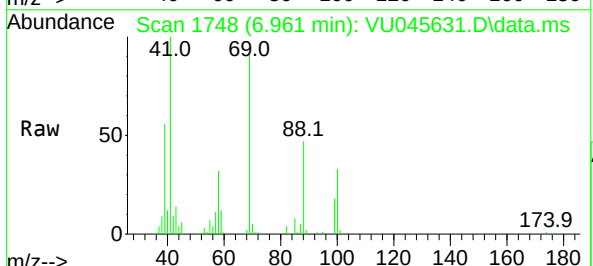
RT: 6.961 min Scan# 1748

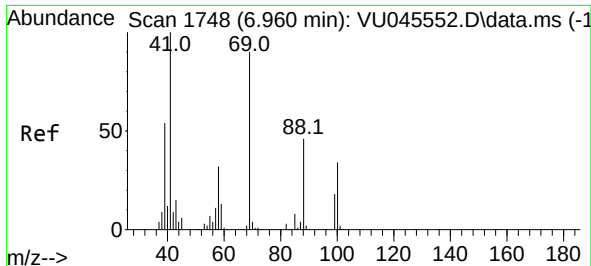
Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Tgt Ion:	41	Resp:	101495
Ion	Ratio	Lower	Upper
41	100		
69	93.0	70.2	105.2
39	56.0	43.9	65.9





#49

1,4-Dioxane

Concen: 1024.300 ug/l

RT: 6.961 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5387

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0

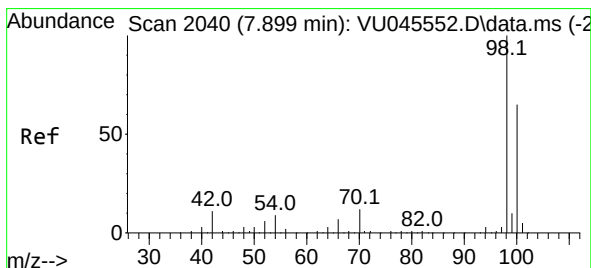
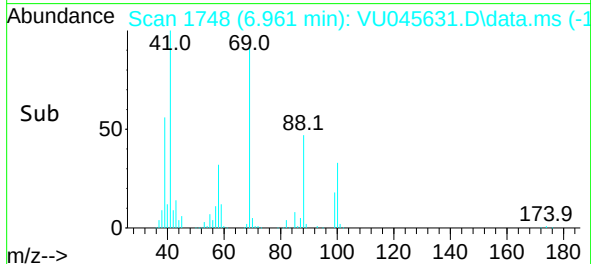
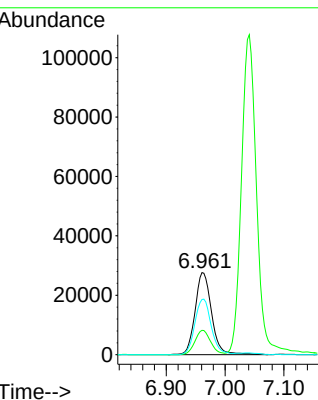
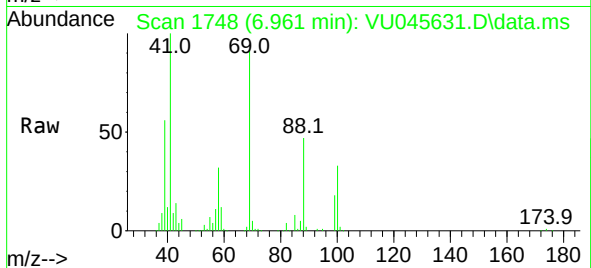
58 67.1 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#50

Toluene-d8

Concen: 50.459 ug/l

RT: 7.900 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045631.D

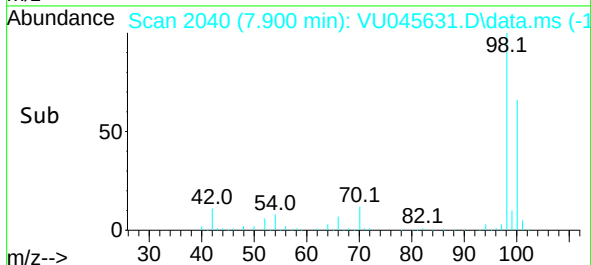
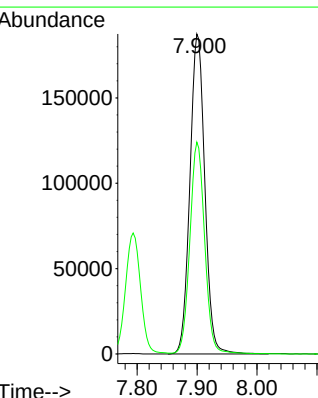
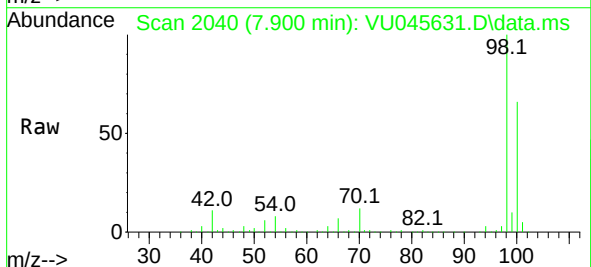
Acq: 08 Nov 2021 21:41

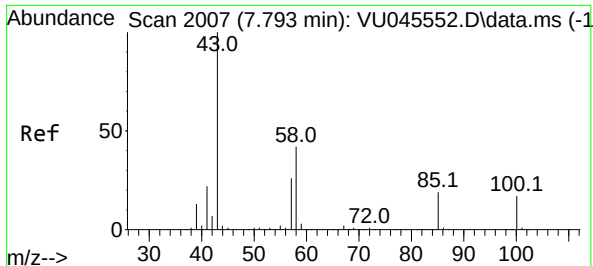
Tgt Ion: 98 Resp: 324932

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 248.620 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 728794

Ion Ratio Lower Upper

43 100

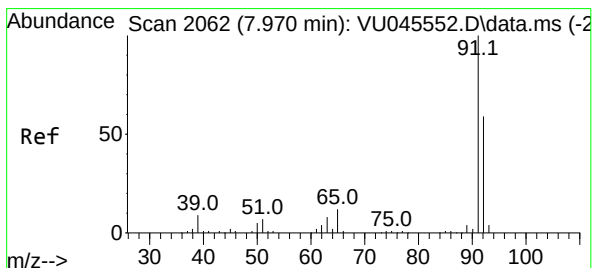
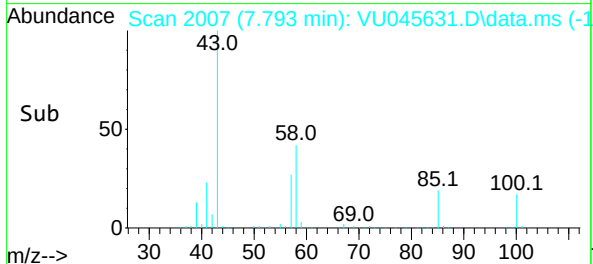
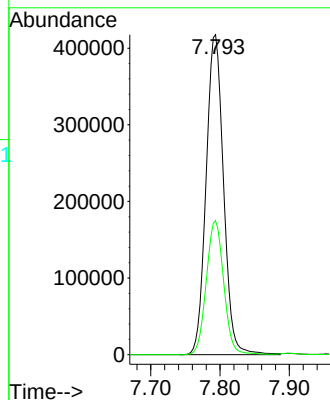
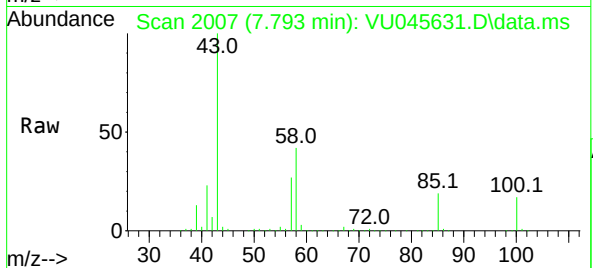
58 41.9 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#52

Toluene

Concen: 48.814 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU045631.D

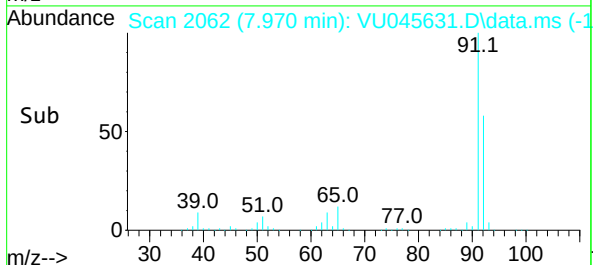
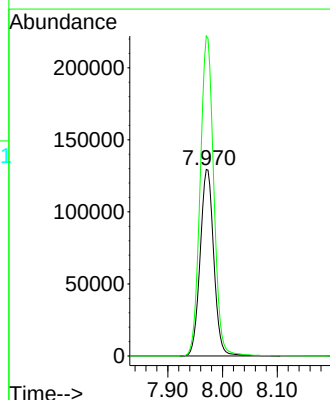
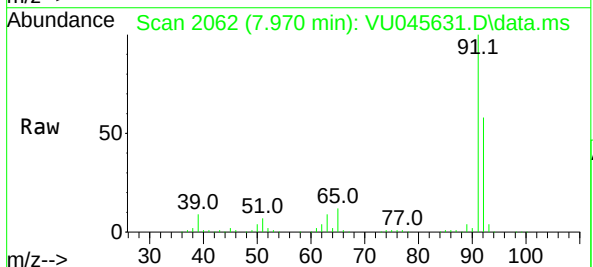
Acq: 08 Nov 2021 21:41

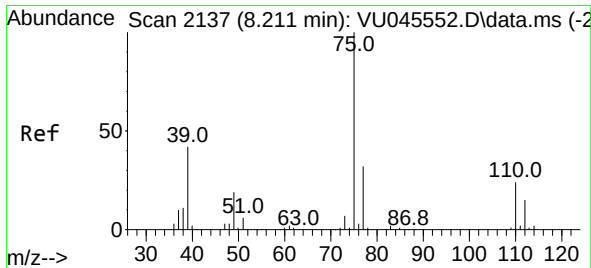
Tgt Ion: 92 Resp: 223778

Ion Ratio Lower Upper

92 100

91 170.9 135.6 203.4





#53
t-1,3-Dichloropropene
Concen: 48.471 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

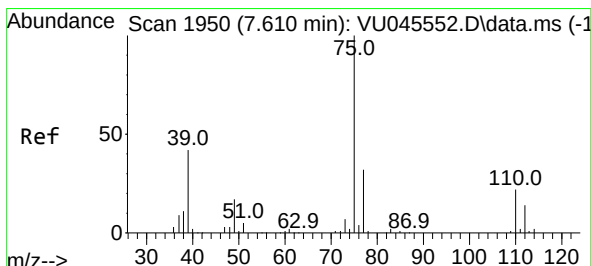
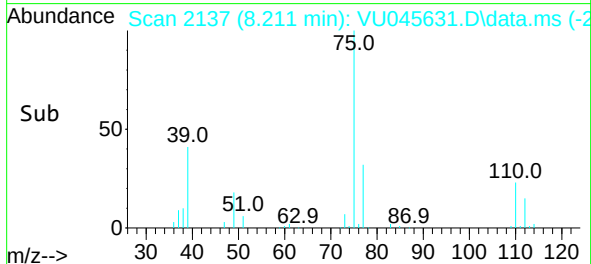
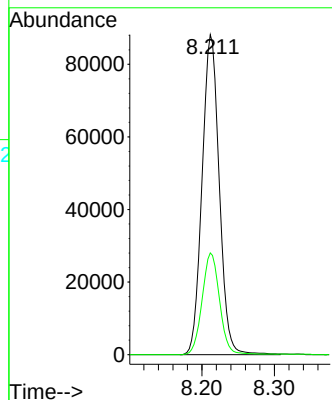
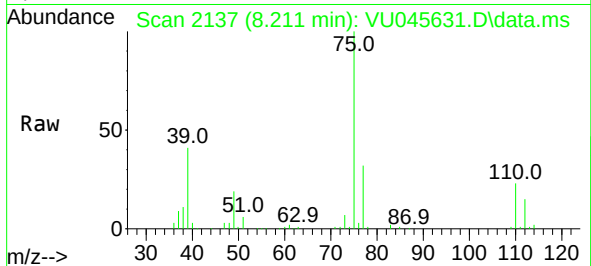
VSTDCCC050

Tgt Ion: 75 Resp: 145108
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8

Manual Integrations

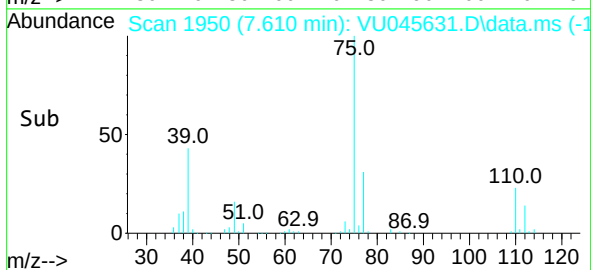
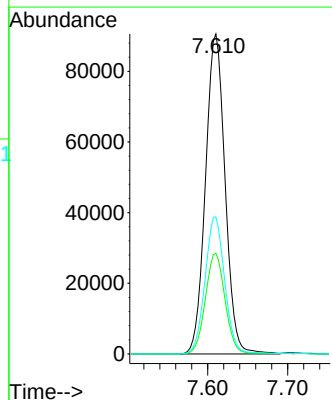
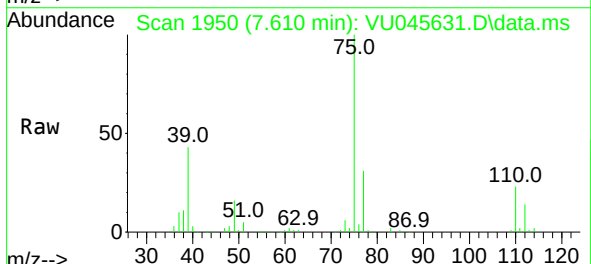
APPROVED

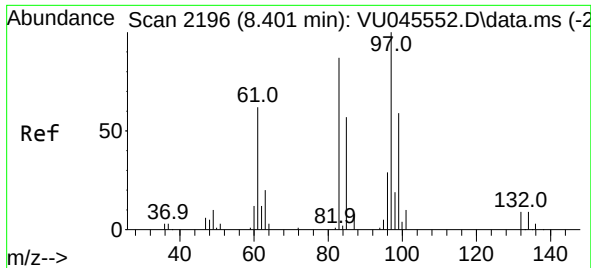
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#54
cis-1,3-Dichloropropene
Concen: 48.639 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

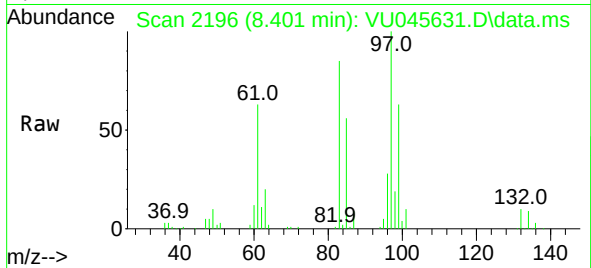
Tgt Ion: 75 Resp: 154660
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0
39 42.8 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 48.595 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

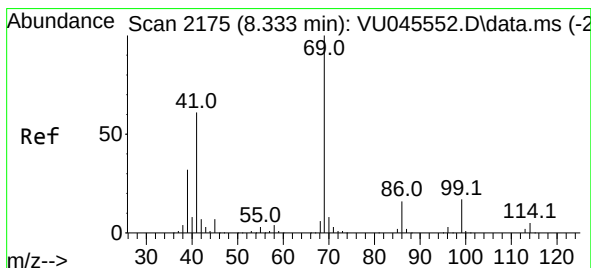
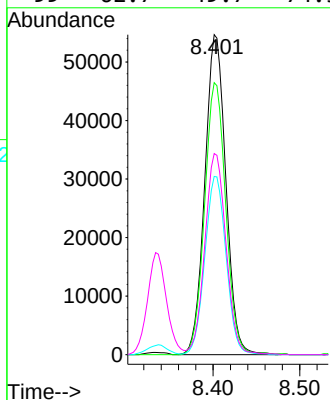
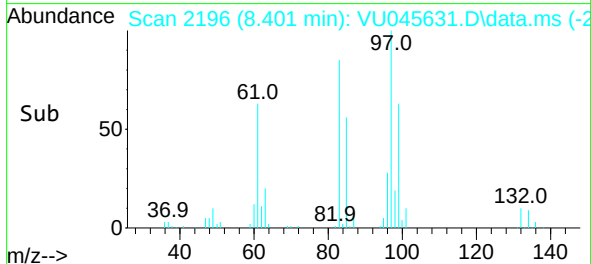
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



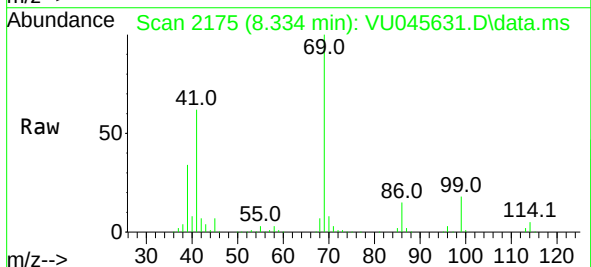
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.3	105.5
85	55.7	45.5	68.3
99	62.7	49.7	74.5

Manual Integrations
APPROVED

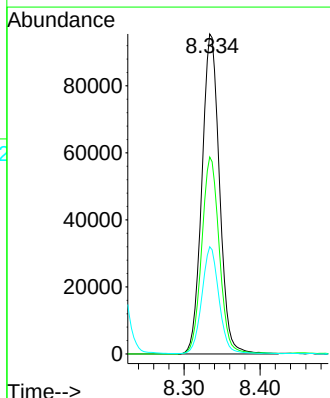
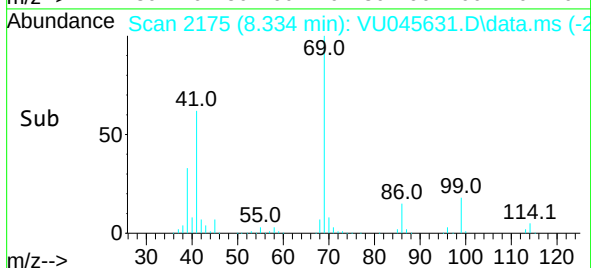
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

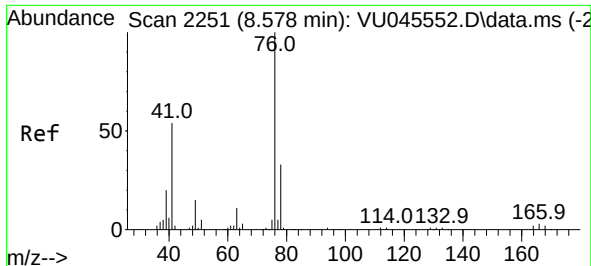


#56
Ethyl methacrylate
Concen: 45.213 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. 0.001 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.5	51.0	76.4
39	32.2	26.6	39.8





#57

1,3-Dichloropropane

Concen: 48.023 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 164330

Ion Ratio Lower Upper

76 100

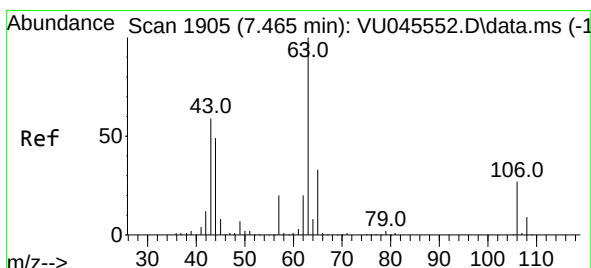
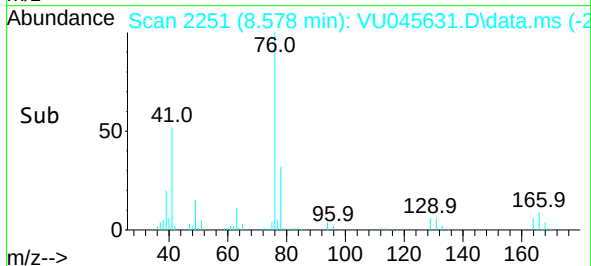
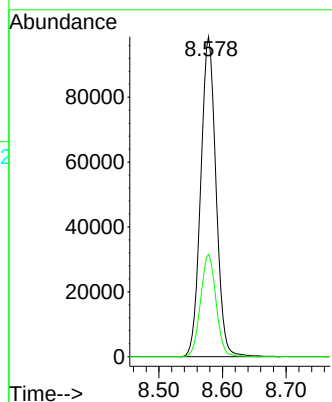
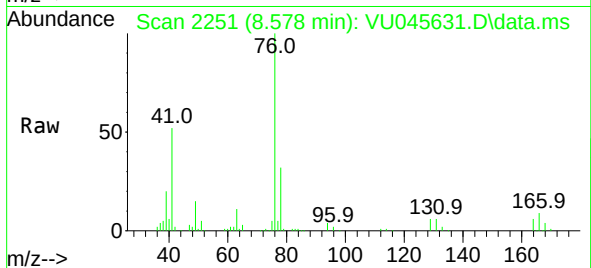
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 207.593 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045631.D

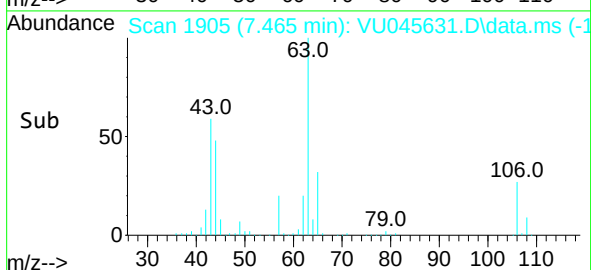
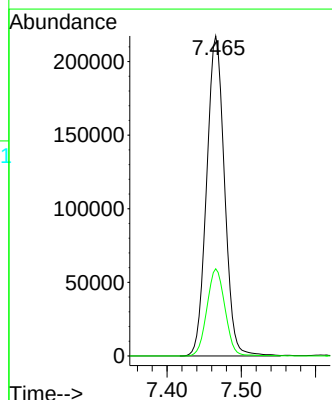
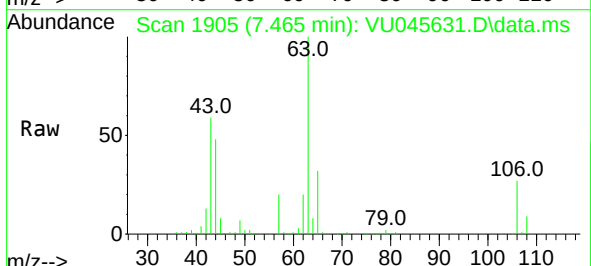
Acq: 08 Nov 2021 21:41

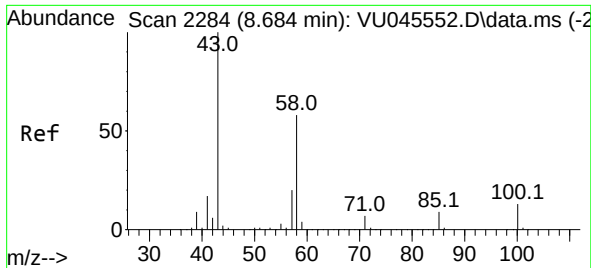
Tgt Ion: 63 Resp: 363116

Ion Ratio Lower Upper

63 100

106 27.6 21.0 31.4





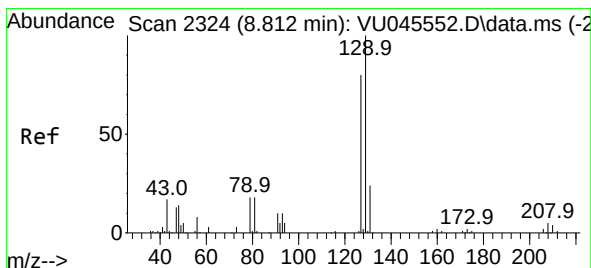
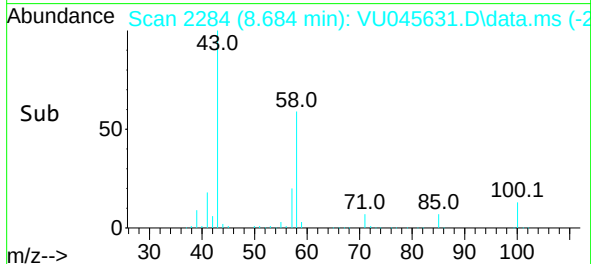
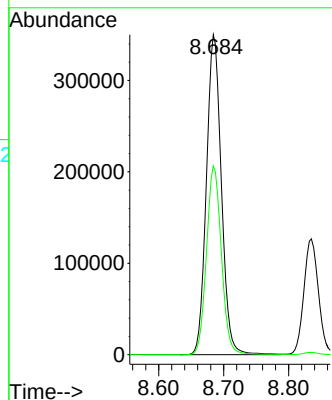
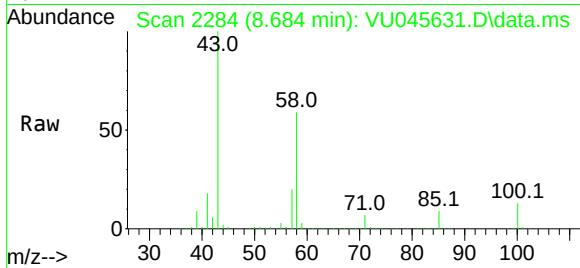
#59
2-Hexanone
Concen: 221.114 ug/l
RT: 8.684 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 561698
Ion Ratio Lower Upper
43 100
58 58.7 29.5 88.6

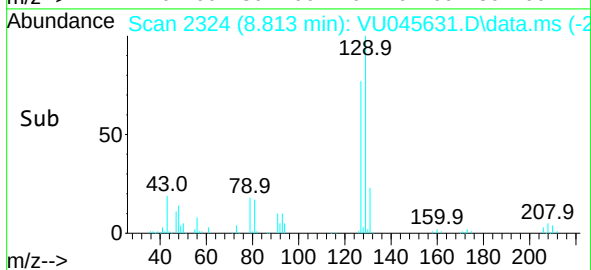
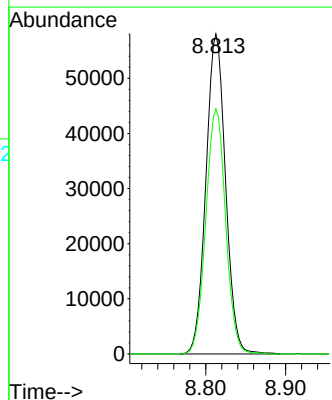
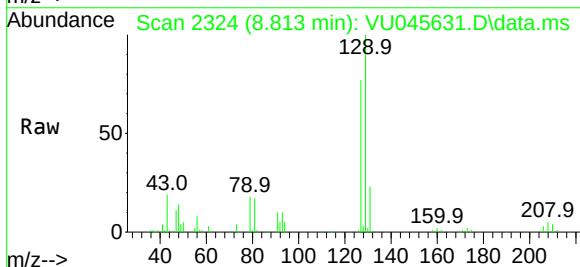
Manual Integrations
APPROVED

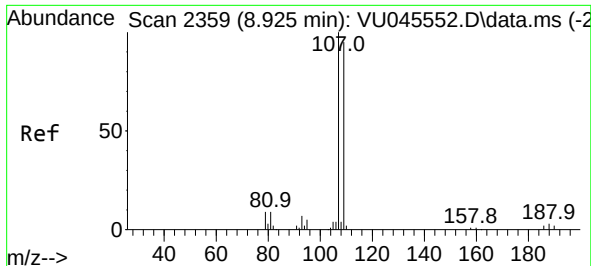
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#60
Dibromochloromethane
Concen: 50.080 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

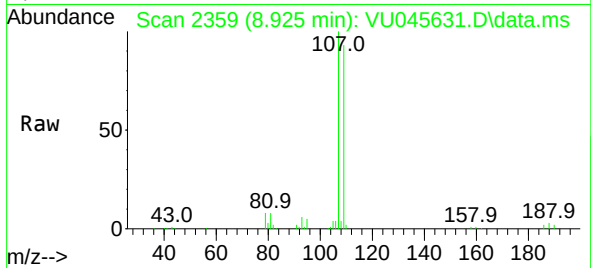
Tgt Ion:129 Resp: 99078
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 48.809 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

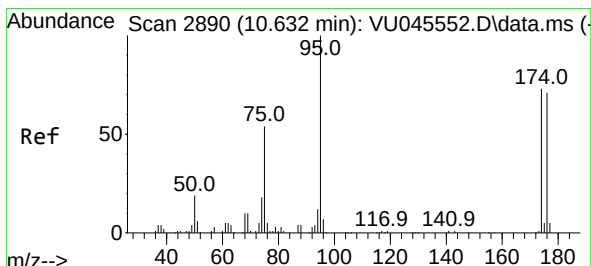
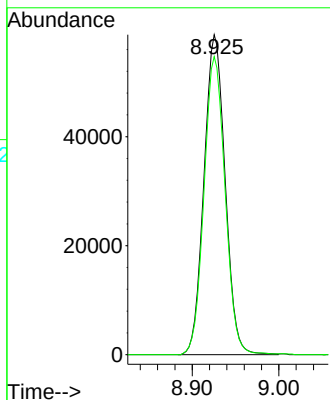
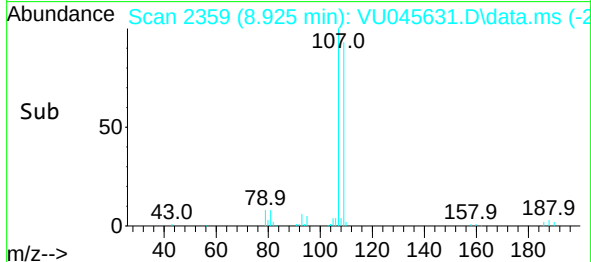
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



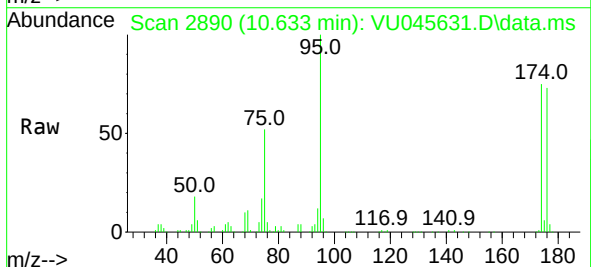
Tgt Ion:107 Resp: 9946
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.8

Manual Integrations
APPROVED

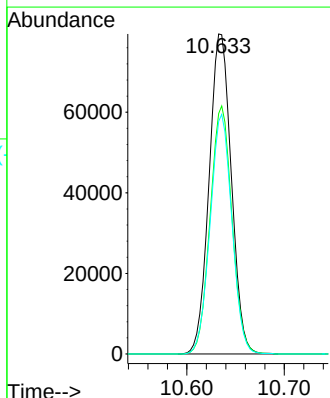
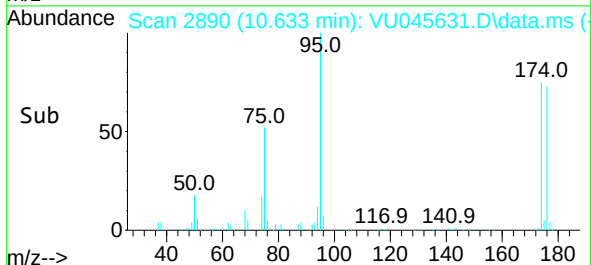
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

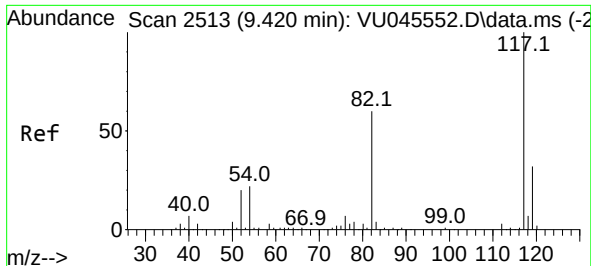


#62
4-Bromofluorobenzene
Concen: 48.731 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



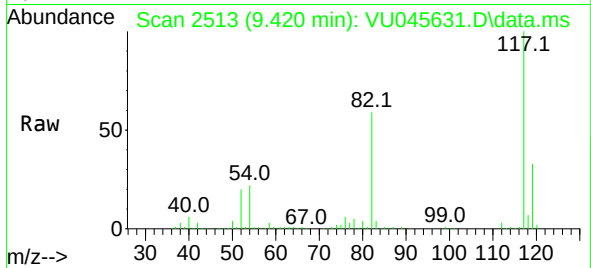
Tgt Ion: 95 Resp: 125834
Ion Ratio Lower Upper
95 100
174 76.2 0.0 141.8
176 73.2 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

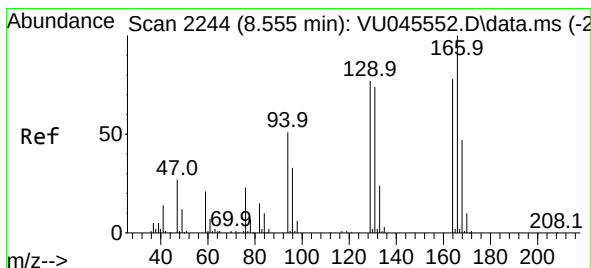
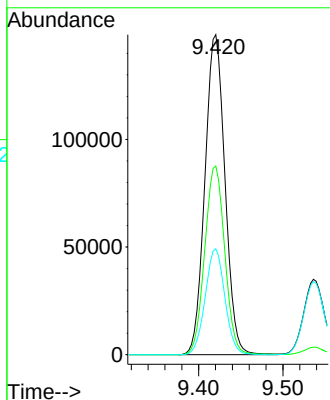
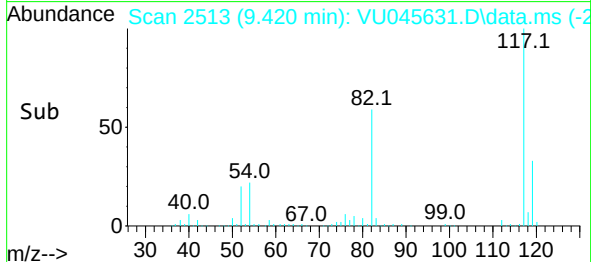
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



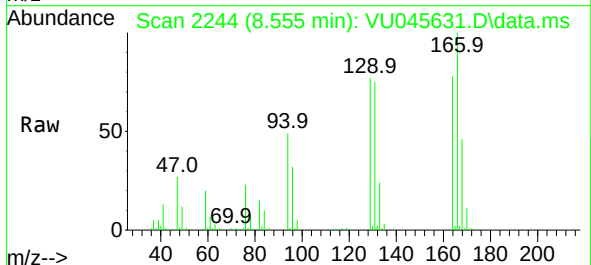
Tgt Ion:117 Resp: 24671
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 33.1 25.8 38.8

Manual Integrations
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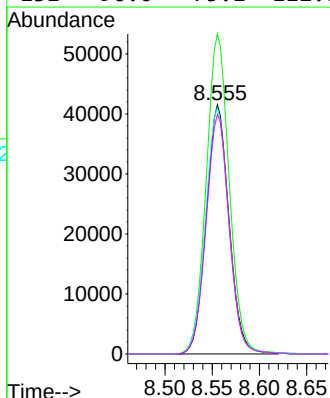
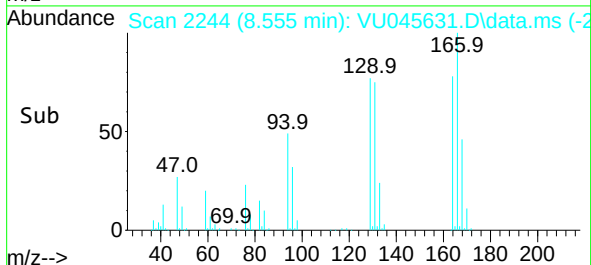
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

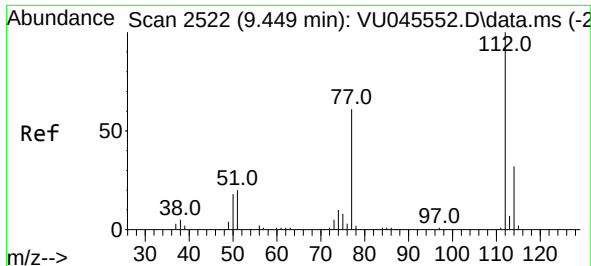


#64
Tetrachloroethene
Concen: 49.442 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



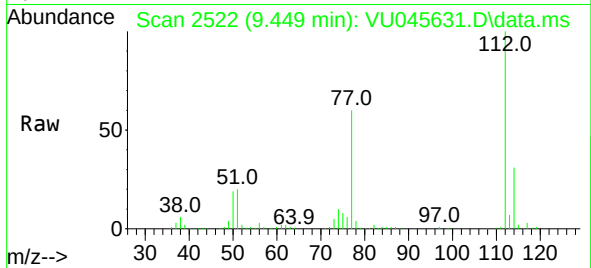
Tgt Ion:164 Resp: 70012
Ion Ratio Lower Upper
164 100
166 128.3 102.2 153.4
129 98.6 78.2 117.4
131 96.0 75.1 112.7





#65
Chlorobenzene
Concen: 48.831 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

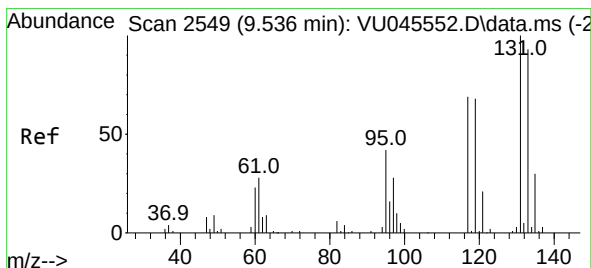
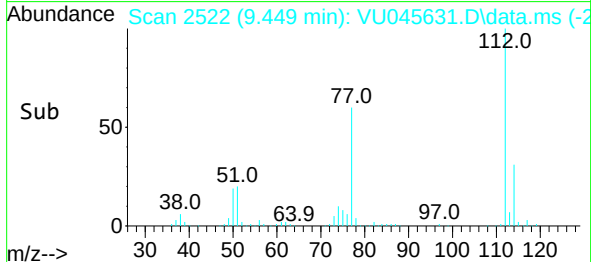
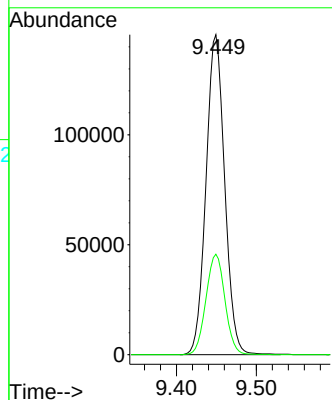
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 236644
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

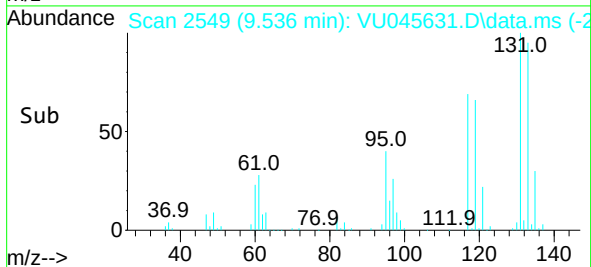
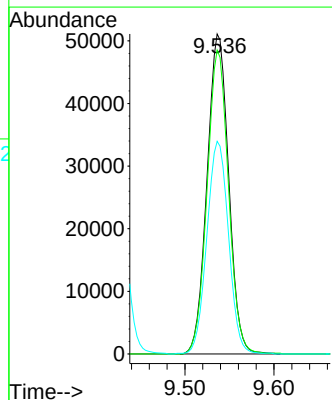
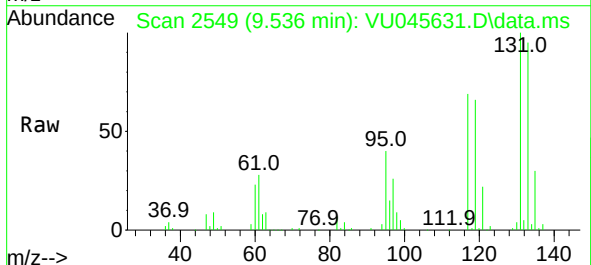
Manual Integrations
APPROVED

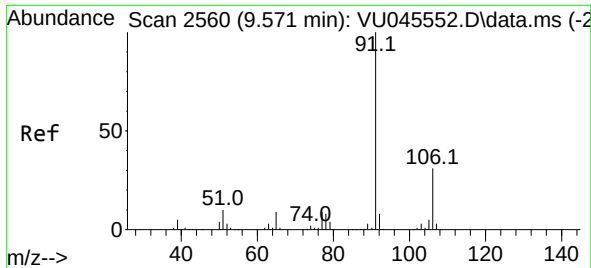
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 49.773 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Tgt Ion:131 Resp: 86027
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.6
119 66.6 34.5 103.6





#67

Ethyl Benzene

Concen: 49.727 ug/l

RT: 9.572 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 431556

Ion Ratio Lower Upper

91 100

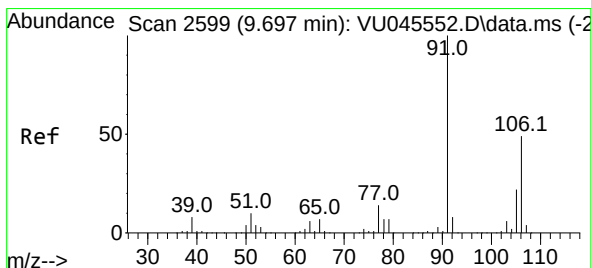
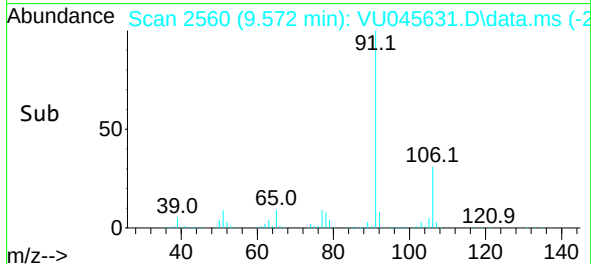
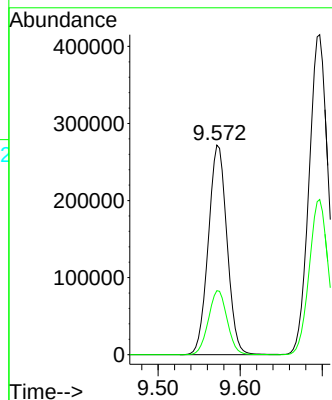
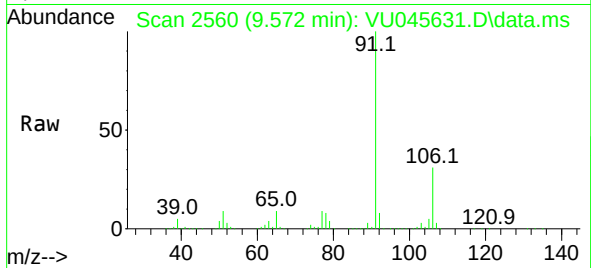
106 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#68

m/p-Xylenes

Concen: 100.491 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045631.D

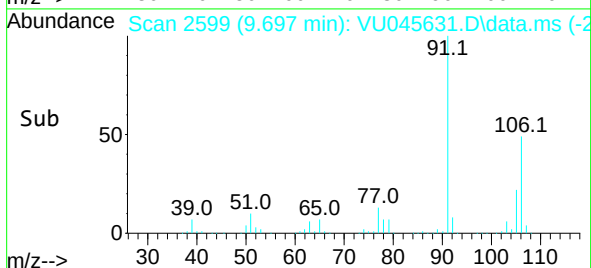
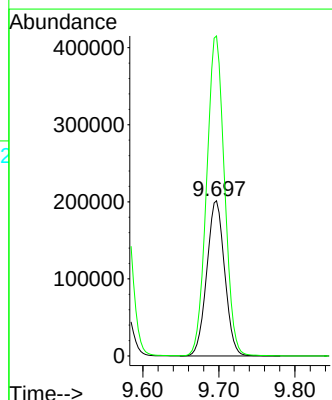
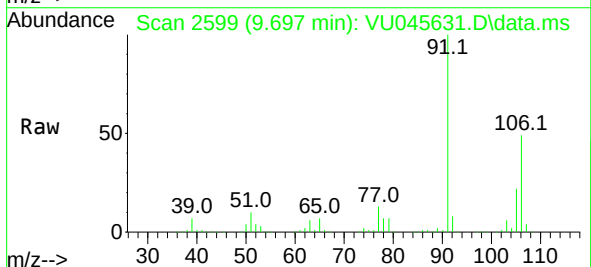
Acq: 08 Nov 2021 21:41

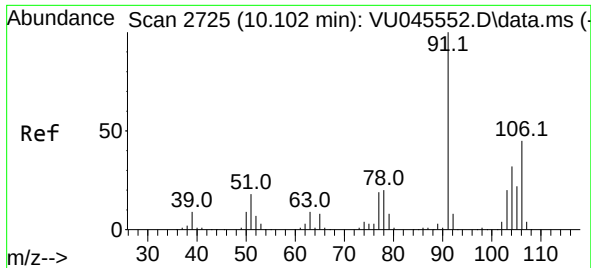
Tgt Ion:106 Resp: 328905

Ion Ratio Lower Upper

106 100

91 206.4 164.7 247.1





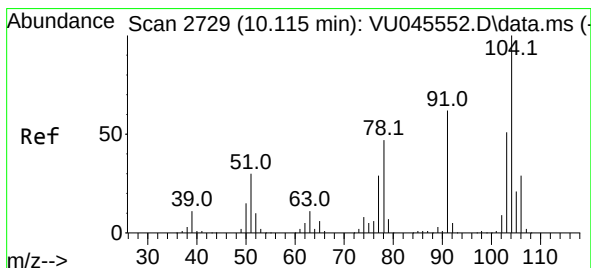
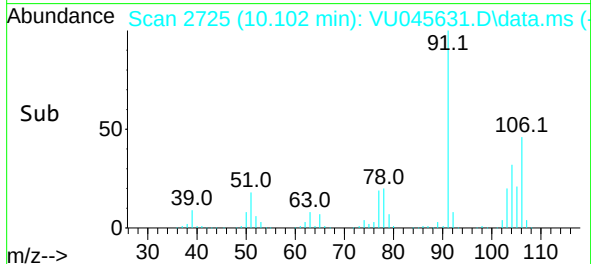
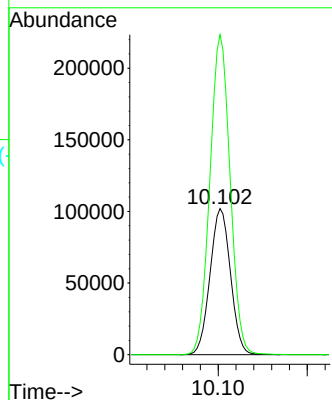
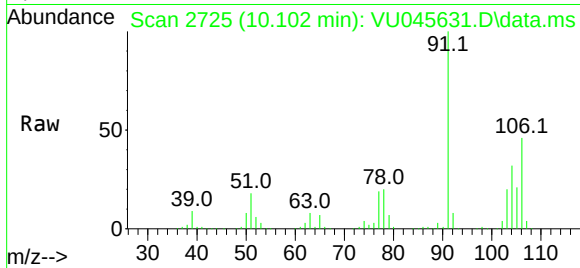
#69
o-Xylene
Concen: 51.072 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16251
Ion Ratio Lower Upper
106 100
91 216.7 108.7 326.3

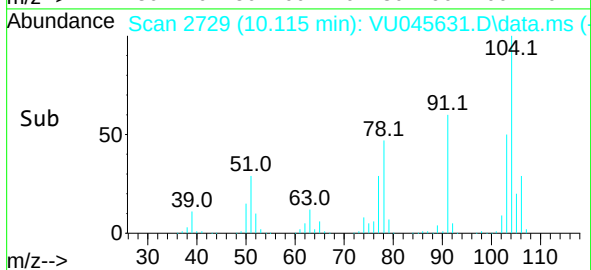
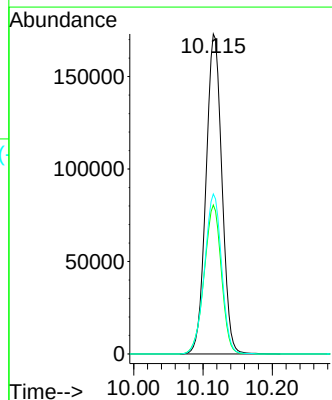
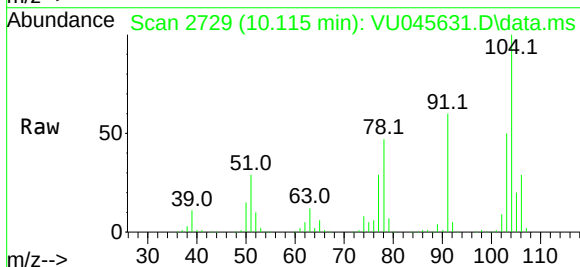
Manual Integrations
APPROVED

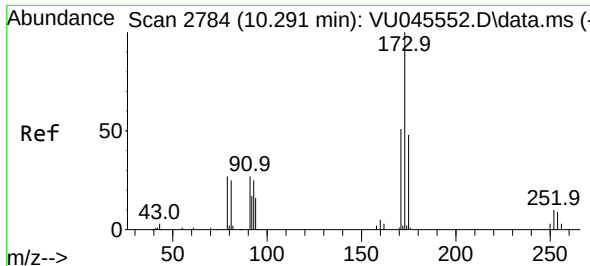
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#70
Styrene
Concen: 51.148 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

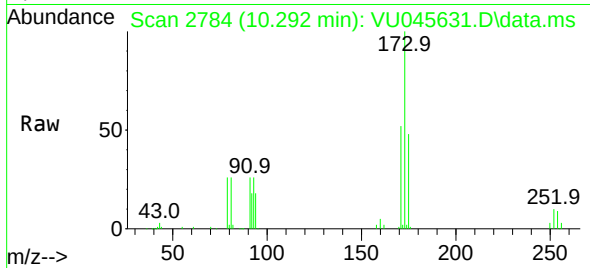
Tgt Ion:104 Resp: 275341
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.6
103 53.8 43.8 65.6





#71
Bromoform
Concen: 44.815 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

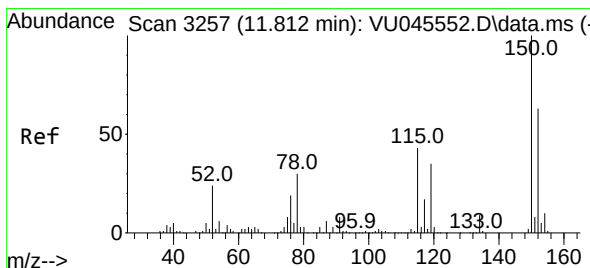
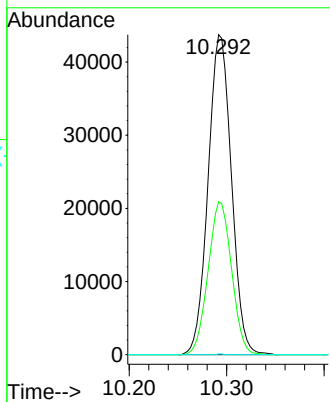
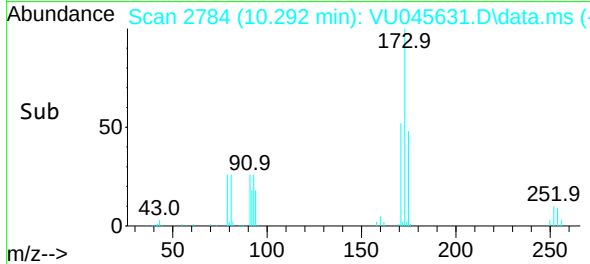
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



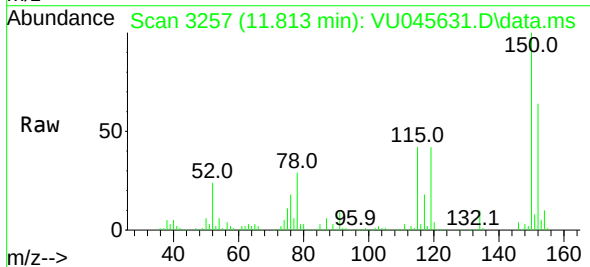
Tgt Ion:173 Resp: 72754
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.1 0.0 0.0

Manual Integrations
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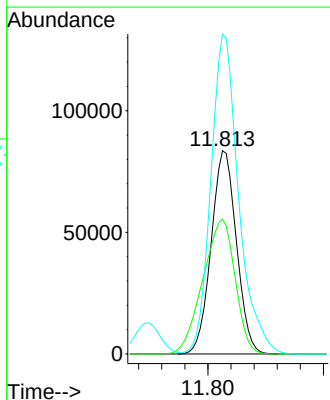
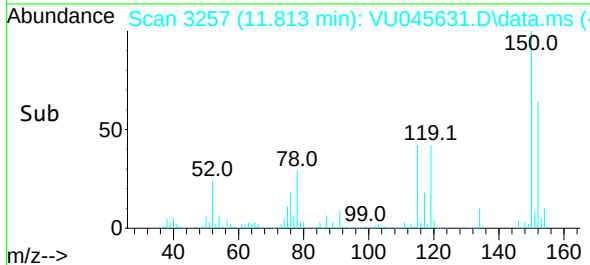
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

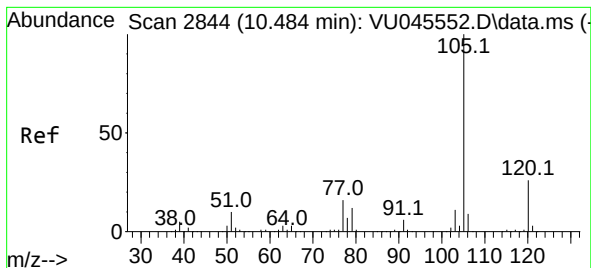


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



Tgt Ion:152 Resp: 126866
Ion Ratio Lower Upper
152 100
115 84.3 42.7 128.1
150 173.0 0.0 346.8





#73

Isopropylbenzene

Concen: 51.330 ug/l

RT: 10.488 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 42549

Ion Ratio Lower Upper

105 100

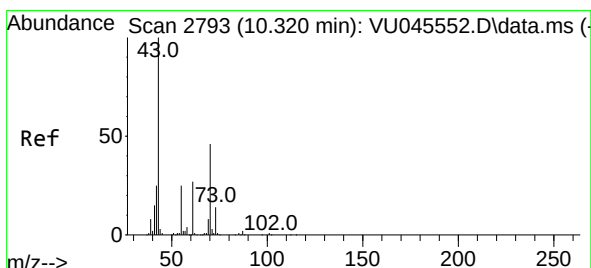
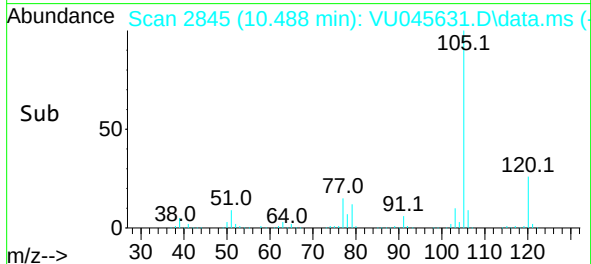
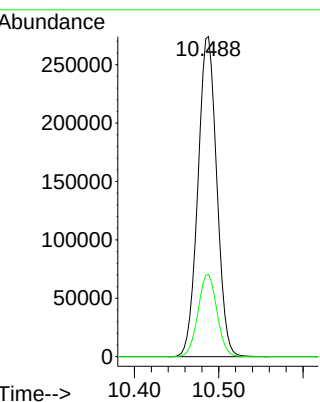
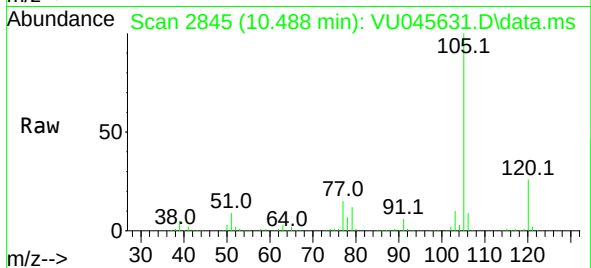
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#74

N-ethyl acetate

Concen: 51.397 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Tgt Ion: 43 Resp: 192200

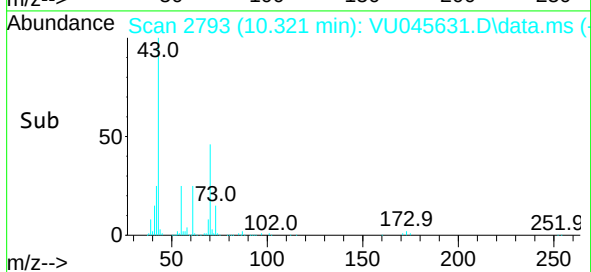
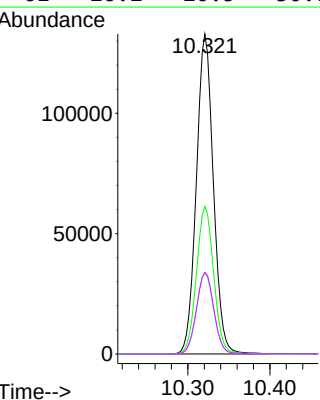
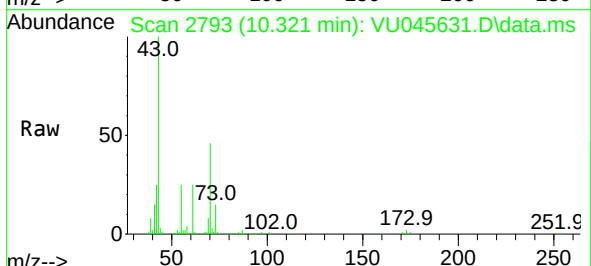
Ion Ratio Lower Upper

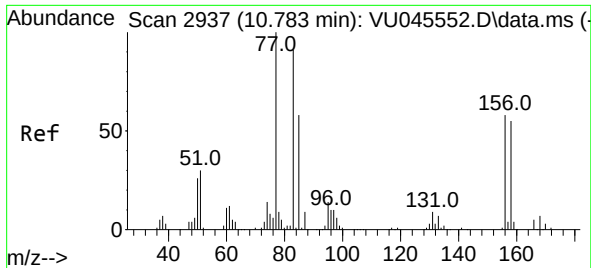
43 100

70 46.7 36.9 55.3

55 25.8 20.6 31.0

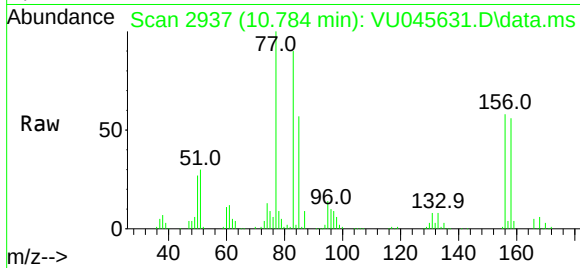
61 26.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.488 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

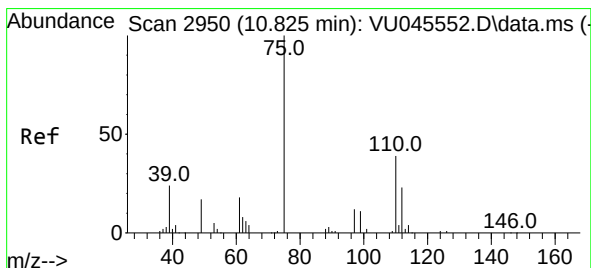
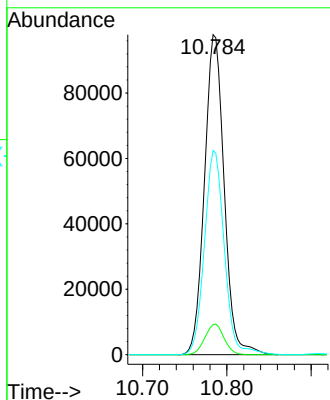
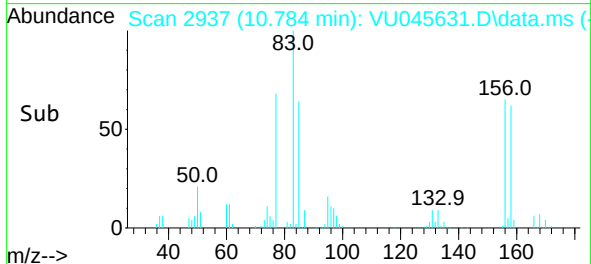
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



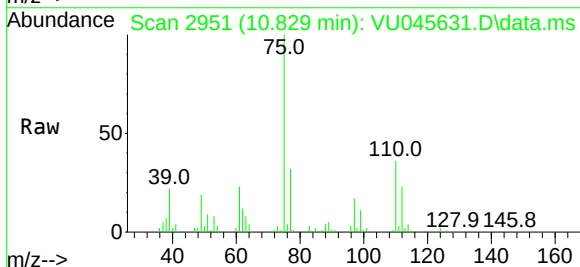
Tgt Ion: 83 Resp: 159240
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 64.4 31.9 95.9

Manual Integrations
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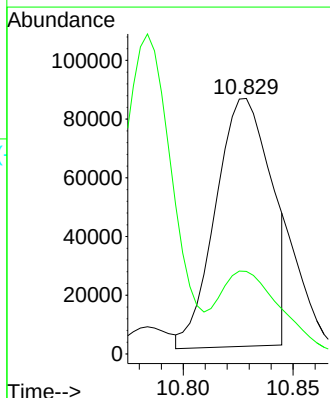
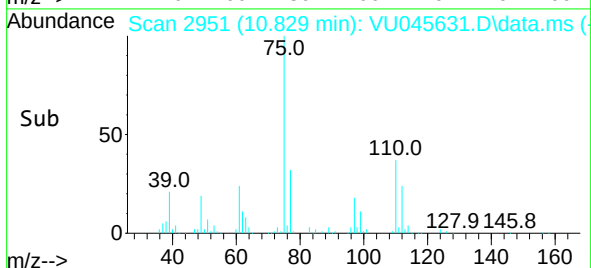
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

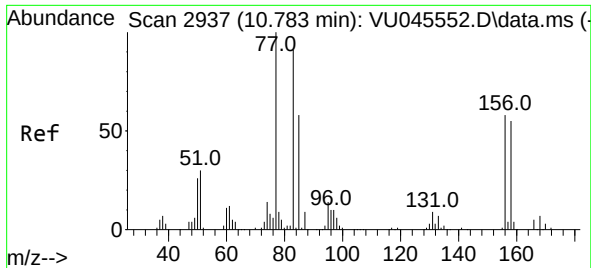


#76
1,2,3-Trichloropropane
Concen: 38.564 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



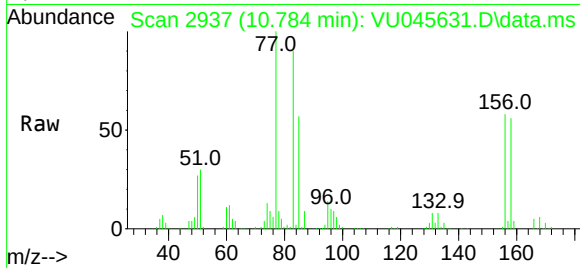
Tgt Ion: 75 Resp: 148368
Ion Ratio Lower Upper
75 100
77 38.0 17.1 51.3





#77
Bromobenzene
Concen: 50.401 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

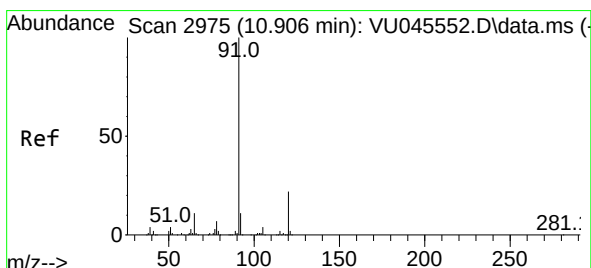
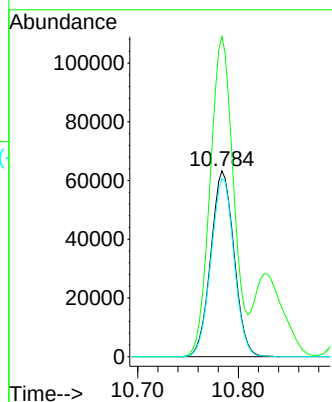
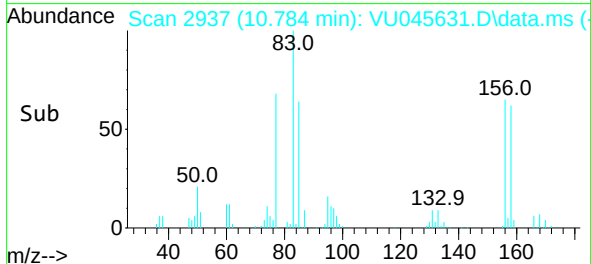
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



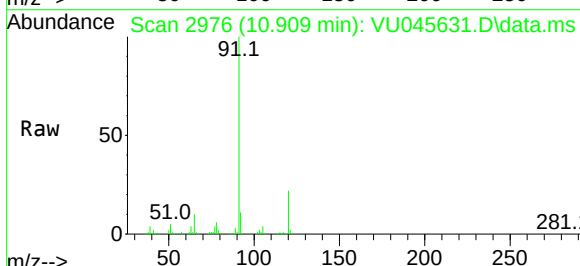
Tgt Ion:156 Resp: 101437
Ion Ratio Lower Upper
156 100
77 173.2 91.1 273.4
158 95.3 47.9 143.6

Manual Integrations
APPROVED

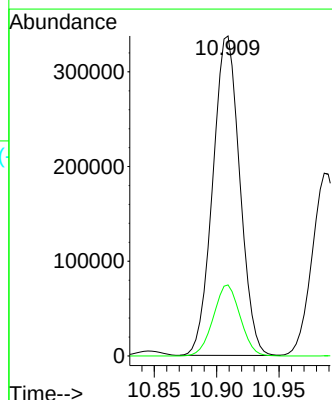
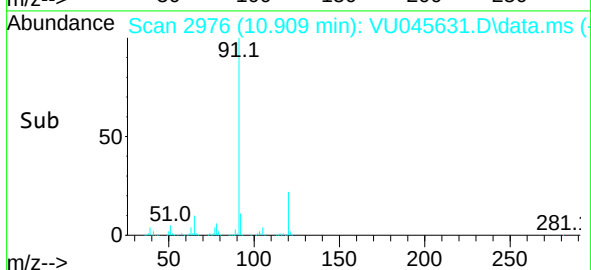
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

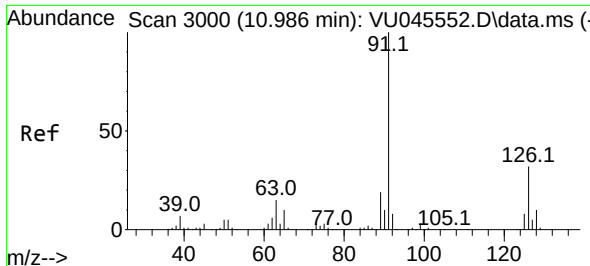


#78
n-propylbenzene
Concen: 49.416 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



Tgt Ion: 91 Resp: 509817
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7





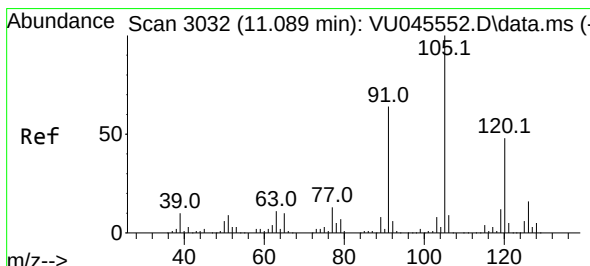
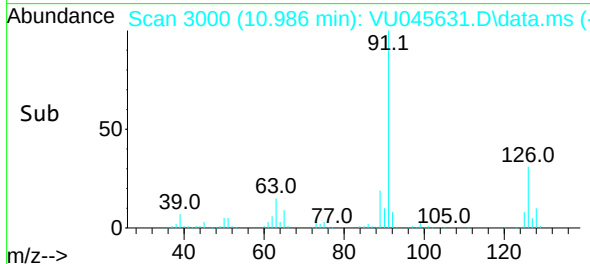
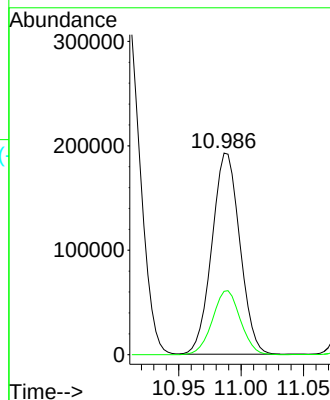
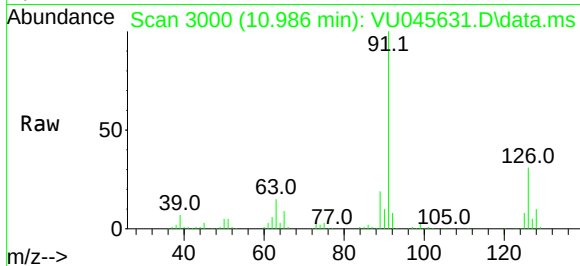
#79
2-Chlorotoluene
Concen: 49.378 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 30097
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.8

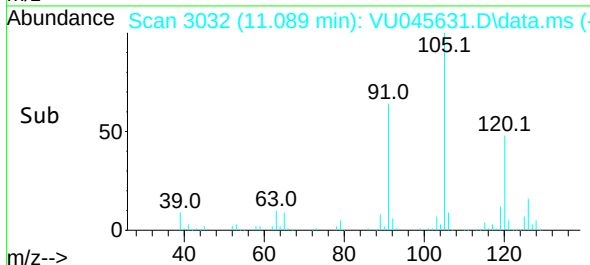
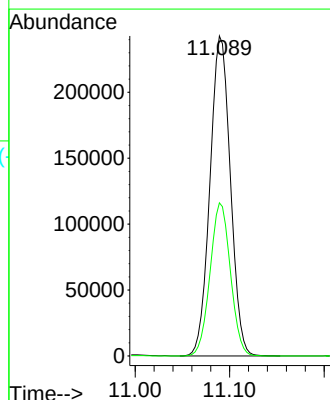
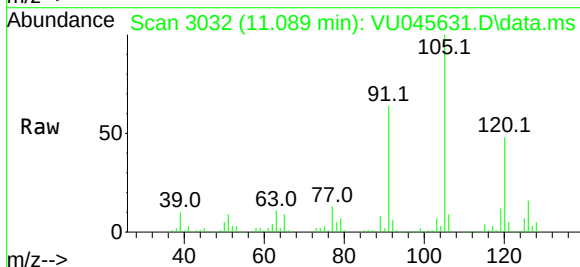
Manual Integrations
APPROVED

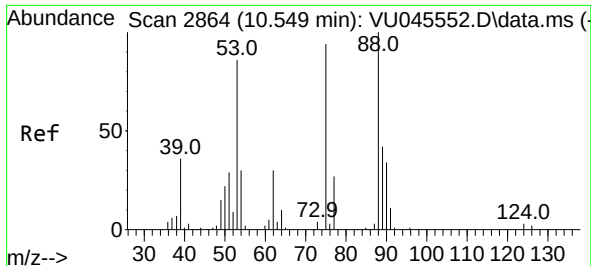
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.247 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

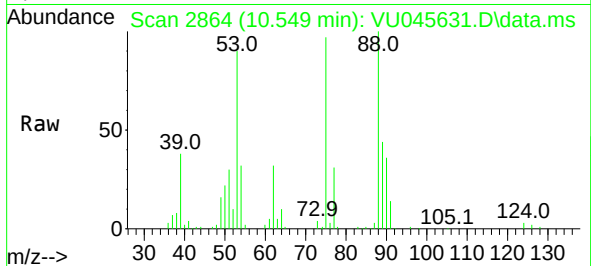
Tgt Ion:105 Resp: 363911
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 42.402 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

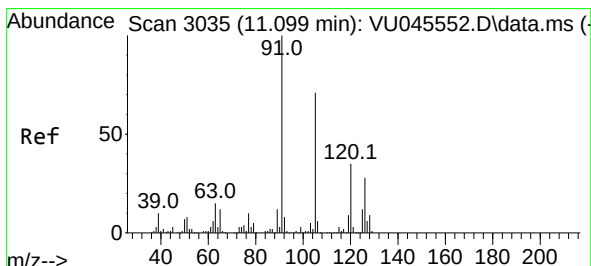
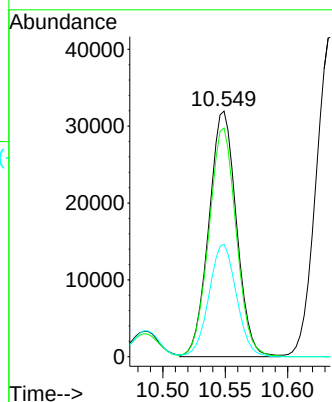
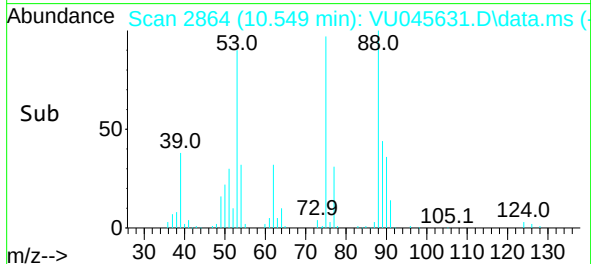
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 49229
Ion Ratio Lower Upper
75 100
53 92.4 76.2 114.4
89 45.5 34.0 51.0

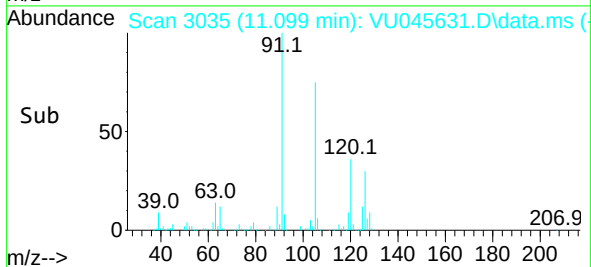
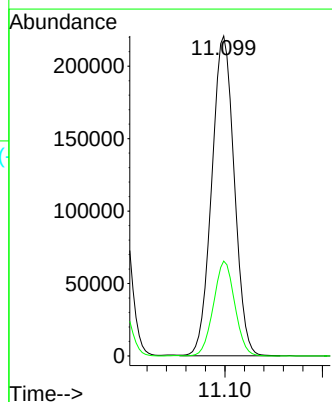
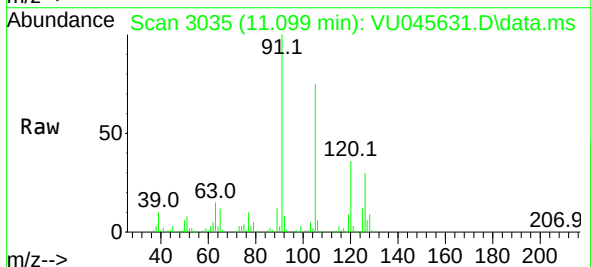
Manual Integrations
APPROVED

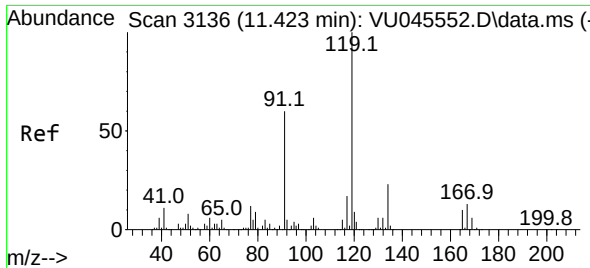
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#82
4-Chlorotoluene
Concen: 49.401 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

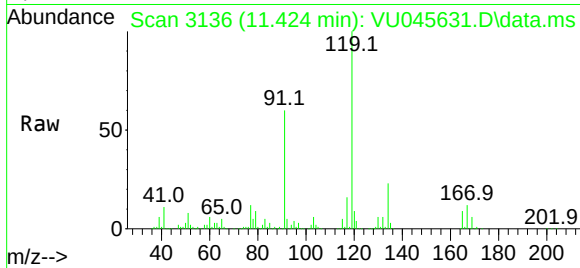
Tgt Ion: 91 Resp: 353138
Ion Ratio Lower Upper
91 100
126 28.0 13.8 41.4





#83
tert-Butylbenzene
Concen: 50.673 ug/l
RT: 11.424 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

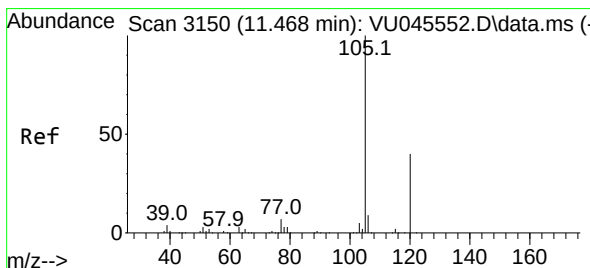
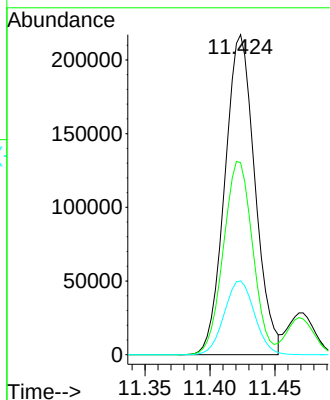
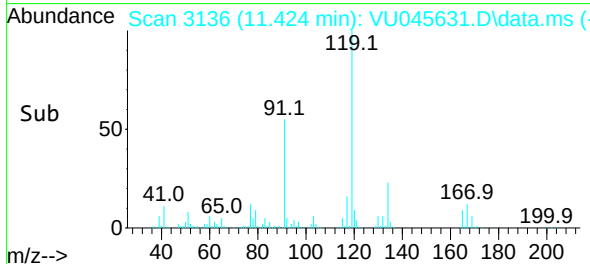
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



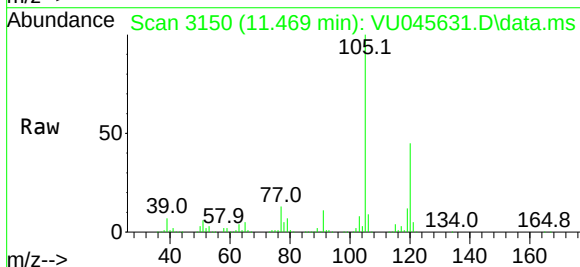
Tgt Ion:119 Resp: 34984
Ion Ratio Lower Upper
119 100
91 58.8 30.5 91.5
134 23.2 11.5 34.5

Manual Integrations
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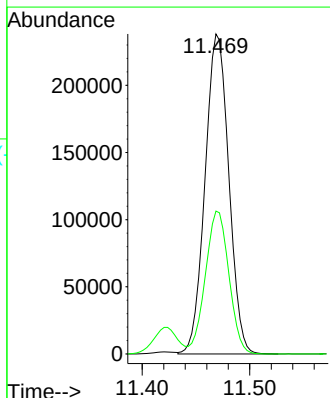
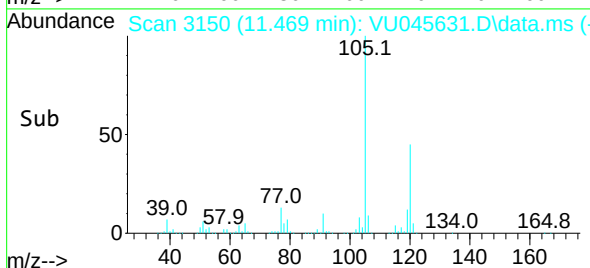
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

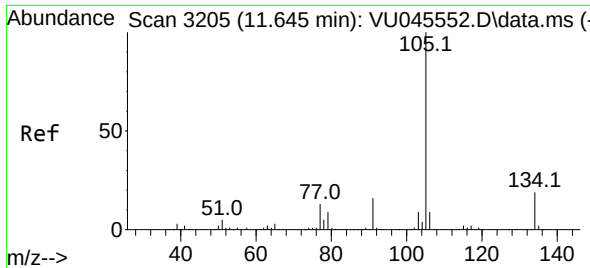


#84
1,2,4-Trimethylbenzene
Concen: 50.840 ug/l
RT: 11.469 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



Tgt Ion:105 Resp: 365945
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6





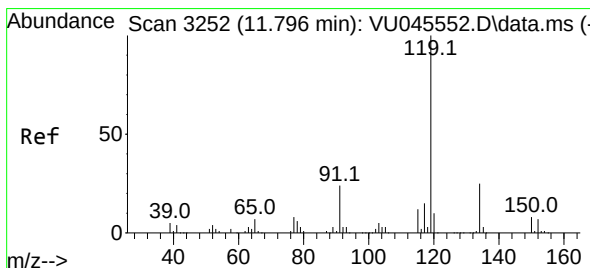
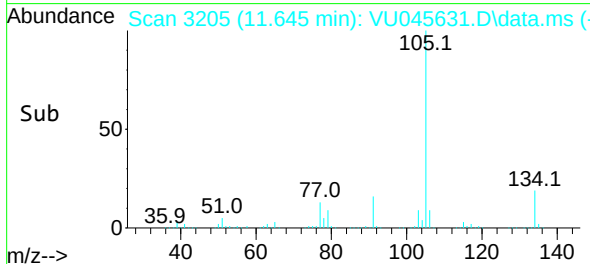
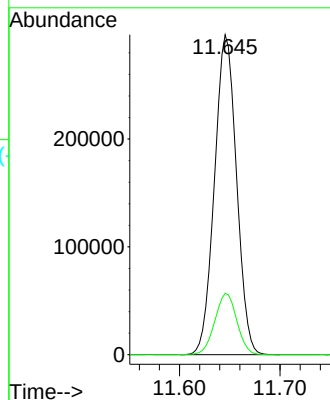
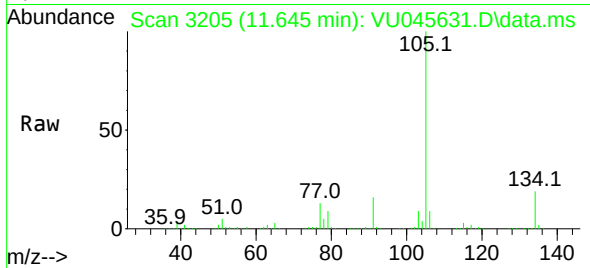
#85
 sec-Butylbenzene
 Concen: 49.341 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045631.D
 Acq: 08 Nov 2021 21:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 45177
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.4 28.3

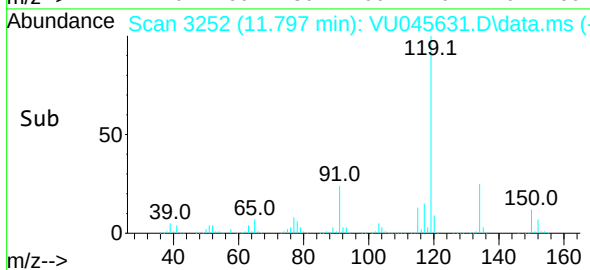
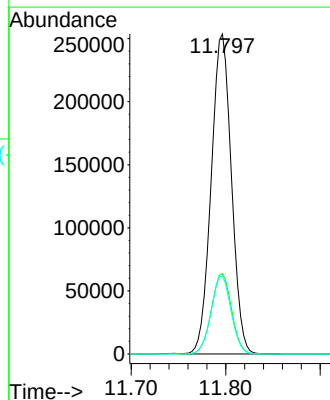
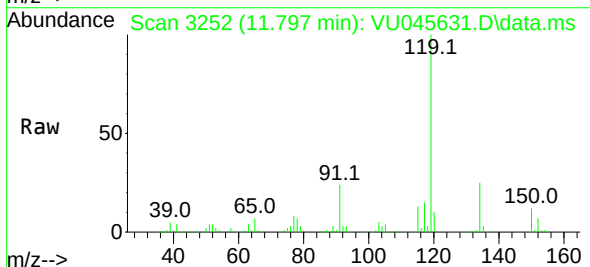
Manual Integrations
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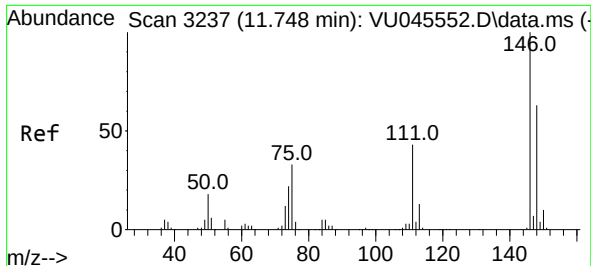
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#86
 p-Isopropyltoluene
 Concen: 49.192 ug/l
 RT: 11.797 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045631.D
 Acq: 08 Nov 2021 21:41

Tgt Ion:119 Resp: 376389
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 24.1 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 46.807 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 19007

Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.9

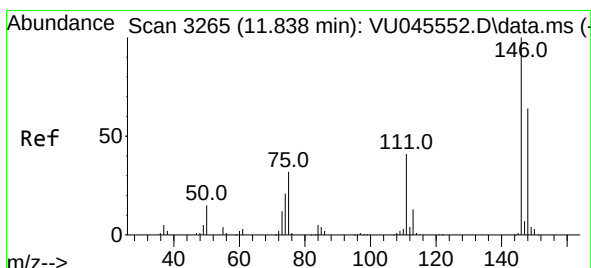
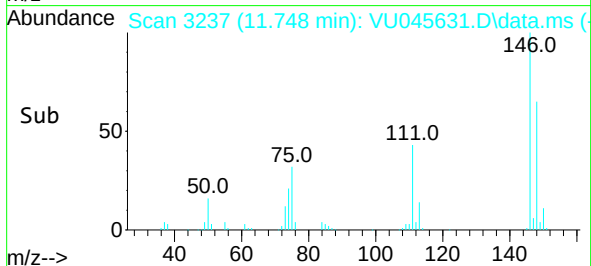
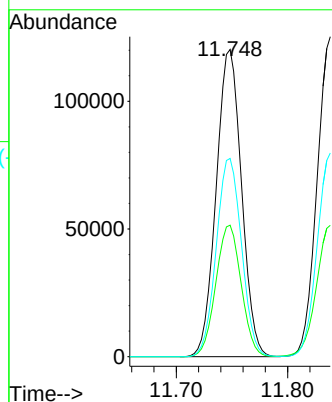
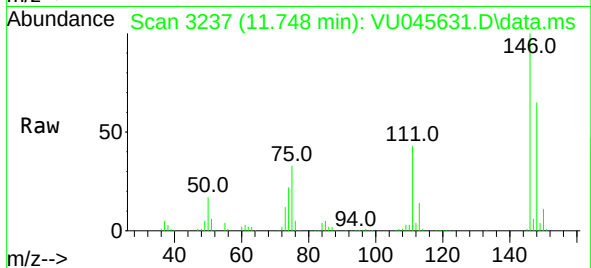
148 64.5 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#88

1,4-Dichlorobenzene

Concen: 47.297 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045631.D

Acq: 08 Nov 2021 21:41

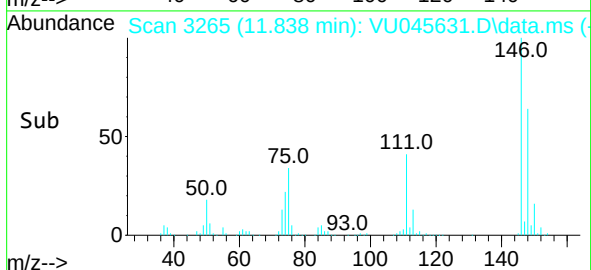
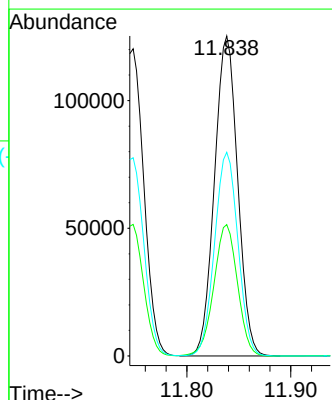
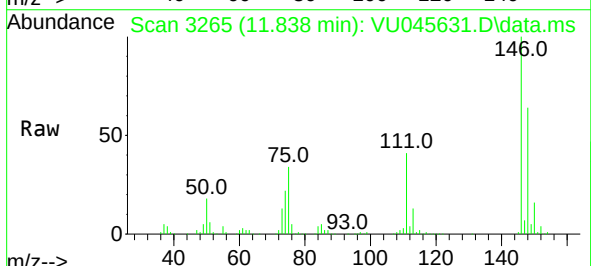
Tgt Ion:146 Resp: 194249

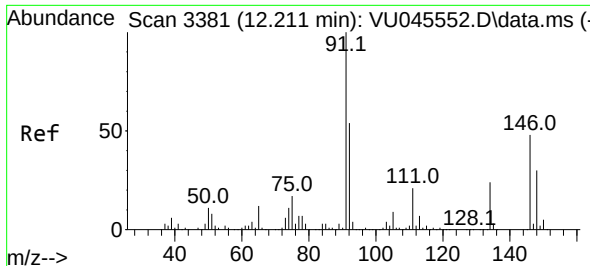
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

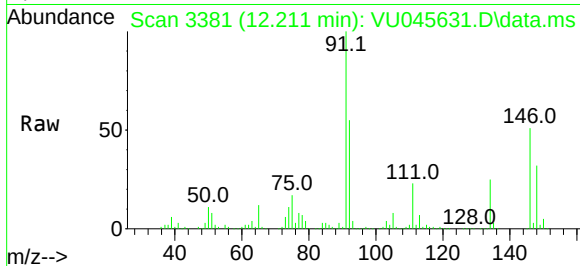
148 64.2 31.9 95.7





#89
n-Butylbenzene
Concen: 46.567 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

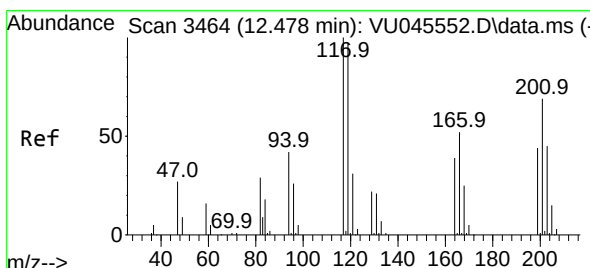
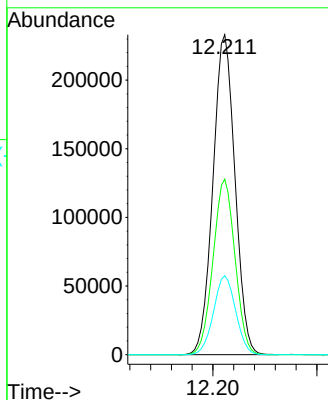
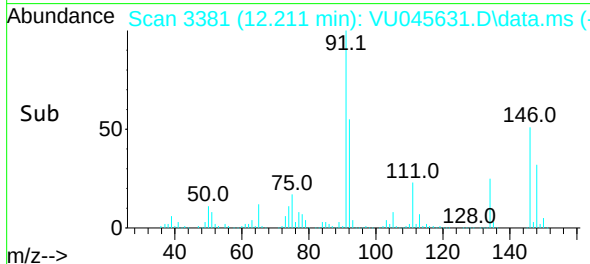
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 34322
Ion Ratio Lower Upper
91 100
92 54.7 27.1 81.2
134 24.8 11.8 35.4

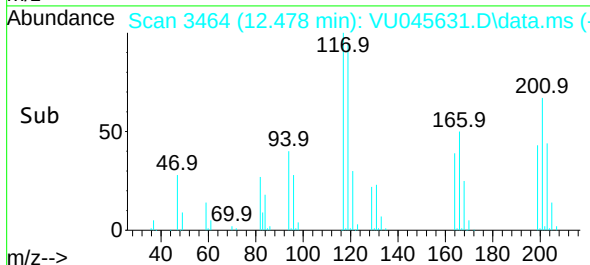
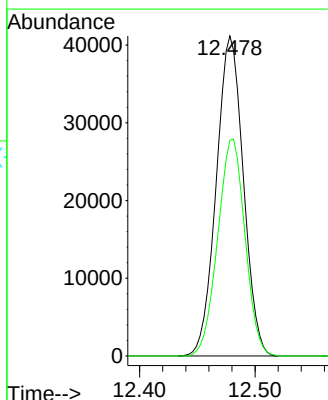
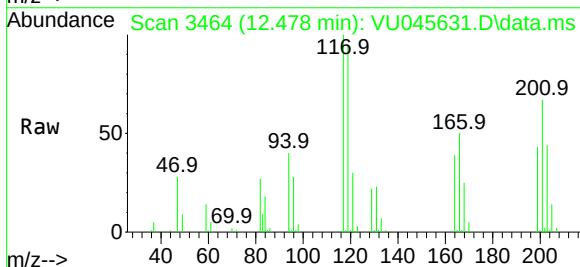
Manual Integrations
APPROVED

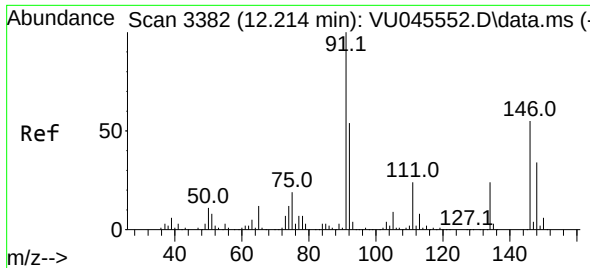
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#90
Hexachloroethane
Concen: 48.552 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

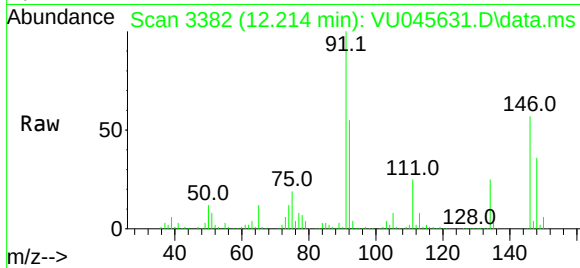
Tgt Ion:117 Resp: 67016
Ion Ratio Lower Upper
117 100
201 68.4 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 49.118 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

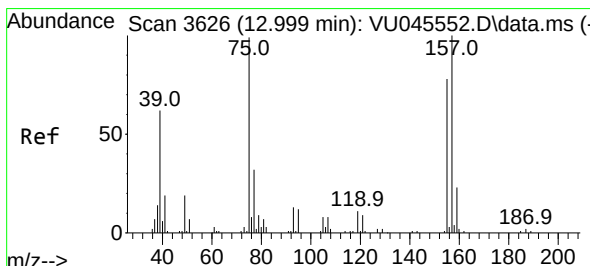
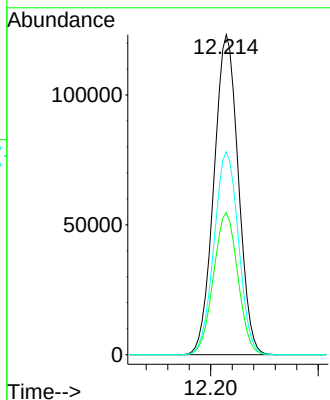
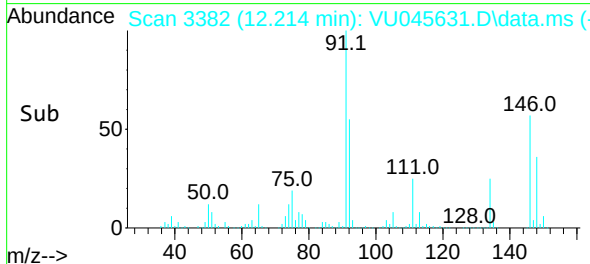
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



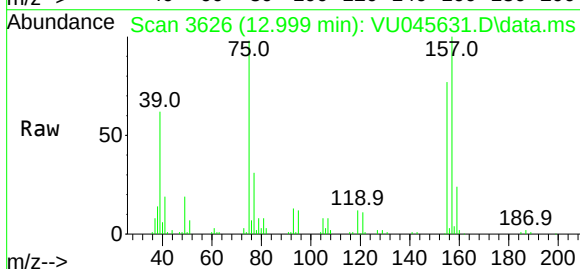
Tgt Ion:146 Resp: 19405
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 63.7 32.1 96.3

Manual Integrations
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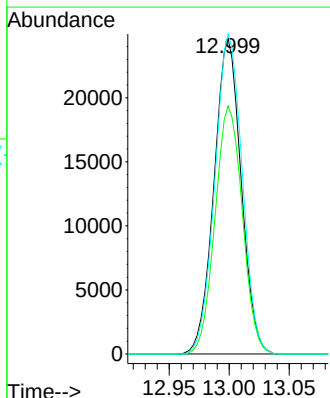
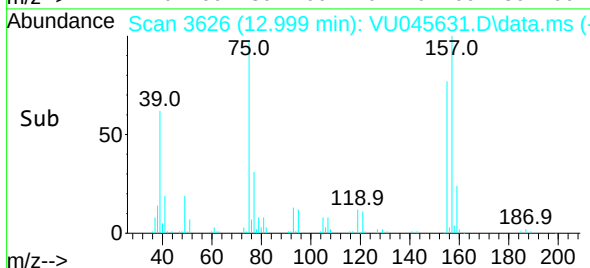
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

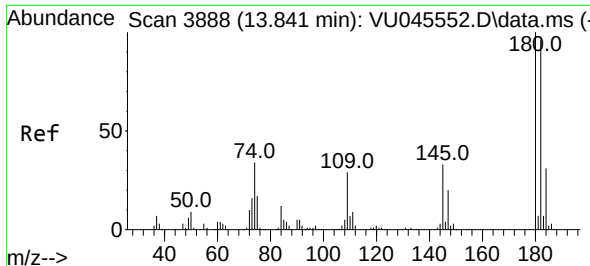


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.924 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



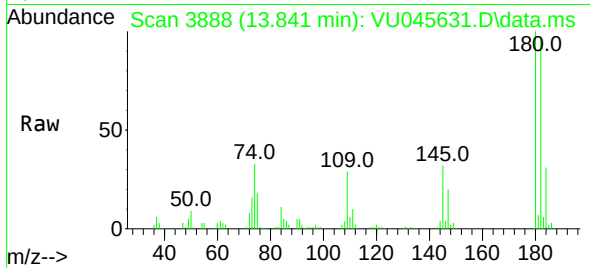
Tgt Ion: 75 Resp: 38688
Ion Ratio Lower Upper
75 100
155 79.1 37.8 113.3
157 102.0 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 47.538 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

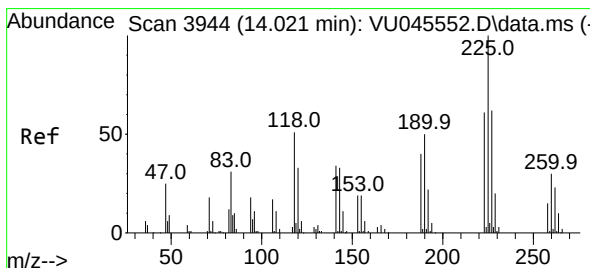
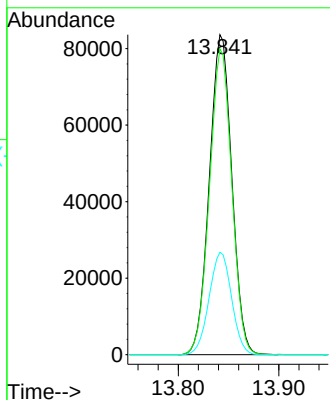
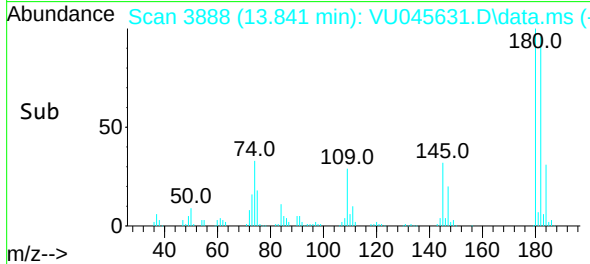
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



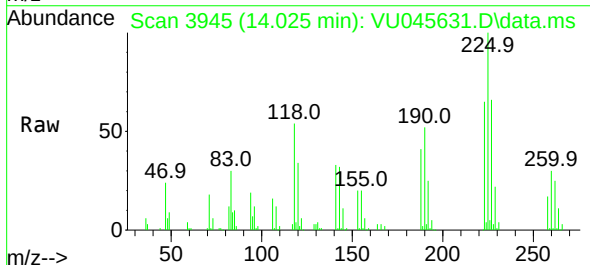
Tgt Ion:180 Resp: 12985
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.2
145 32.0 15.6 46.7

Manual Integrations
APPROVED

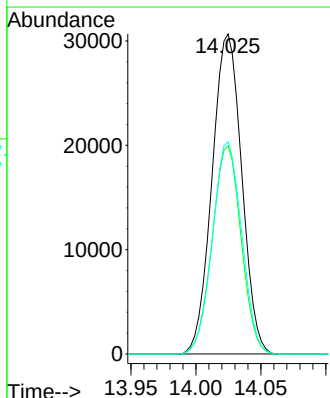
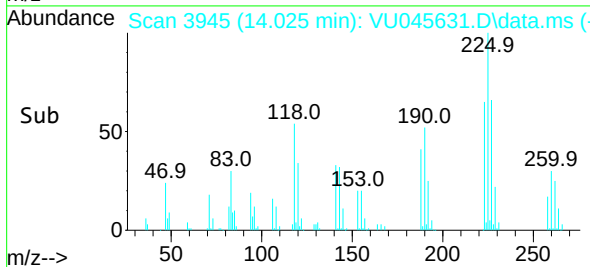
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

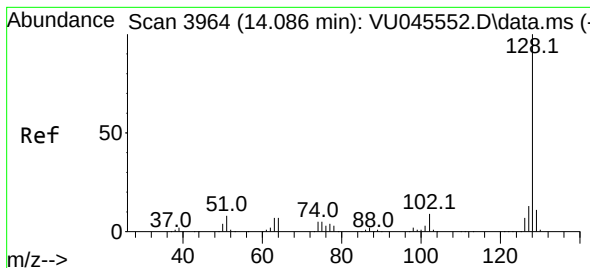


#94
Hexachlorobutadiene
Concen: 41.250 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



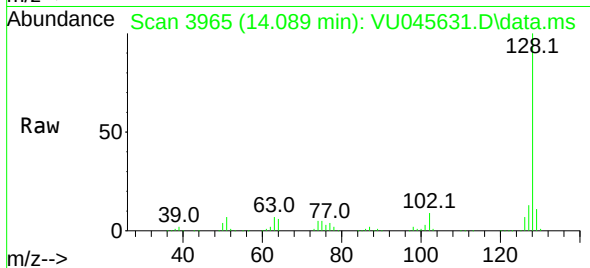
Tgt Ion:225 Resp: 48640
Ion Ratio Lower Upper
225 100
223 63.5 32.0 96.2
227 65.5 31.1 93.5





#95
Naphthalene
Concen: 47.639 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41

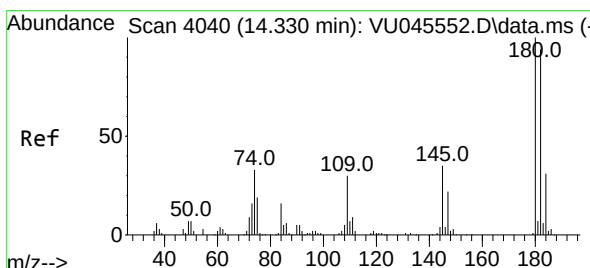
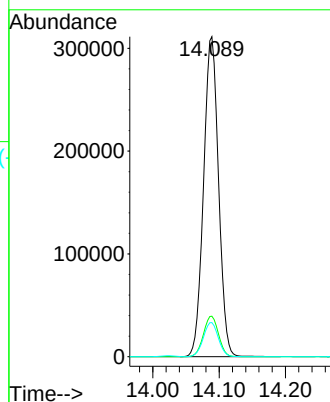
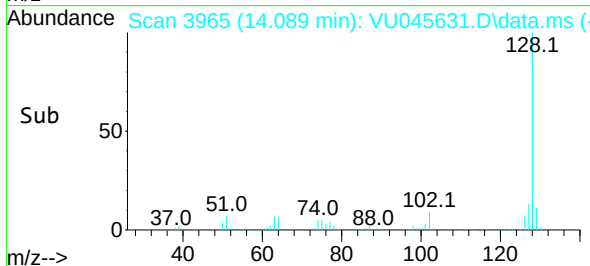
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



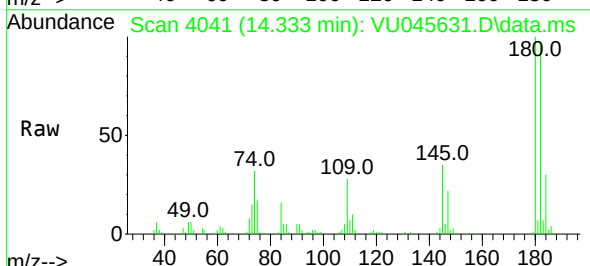
Tgt Ion:128 Resp: 488710
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 48.816 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045631.D
Acq: 08 Nov 2021 21:41



Tgt Ion:180 Resp: 132452
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 34.9 16.7 50.0

