

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045756.D
 Acq On : 12 Nov 2021 09:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 15 05:16:15 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

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	118105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	198447	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	194584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	104269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	92166	52.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.220%			
35) Dibromofluoromethane	5.292	113	72904	55.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.040%			
50) Toluene-d8	7.903	98	271128	55.032	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.060%			
62) 4-Bromofluorobenzene	10.636	95	104656	52.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	75824	49.516	ug/l	99
3) Chloromethane	1.520	50	80434	45.908	ug/l	99
4) Vinyl Chloride	1.604	62	85145	49.888	ug/l	100
5) Bromomethane	1.845	94	51084	53.662	ug/l	98
6) Chloroethane	1.929	64	51789	46.496	ug/l	97
7) Trichlorofluoromethane	2.138	101	115101	50.999	ug/l	99
8) Diethyl Ether	2.379	74	43479	48.668	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	67588	51.286	ug/l	96
10) Methyl Iodide	2.723	142	70954	41.142	ug/l	91
11) Tert butyl alcohol	3.176	59	80654	230.378	ug/l	100
12) 1,1-Dichloroethene	2.581	96	63205	48.643	ug/l	96
13) Acrolein	2.488	56	11304	222.813	ug/l	97
14) Allyl chloride	2.925	41	111747	48.165	ug/l	97
15) Acrylonitrile	3.314	53	237580	254.174	ug/l	98
16) Acetone	2.626	43	241151	267.831	ug/l	97
17) Carbon Disulfide	2.793	76	158741	43.616	ug/l	100
18) Methyl Acetate	2.948	43	152160	49.617	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	240105	51.335	ug/l	97
20) Methylene Chloride	3.047	84	76763	49.066	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	69131	51.141	ug/l	95
22) Diisopropyl ether	3.996	45	237561	52.147	ug/l	92
23) Vinyl Acetate	3.957	43	906295	258.665	ug/l	99
24) 1,1-Dichloroethane	3.874	63	141489	52.120	ug/l	99
25) 2-Butanone	4.700	43	326702	261.613	ug/l	99
26) 2,2-Dichloropropane	4.668	77	115229	51.223	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	80969	50.997	ug/l	99
28) Bromochloromethane	4.977	49	63643	49.175	ug/l	96
29) Tetrahydrofuran	5.051	42	187805	245.860	ug/l	99
30) Chloroform	5.092	83	141536	52.717	ug/l	100
31) Cyclohexane	5.391	56	119028	46.121	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	119612	52.243	ug/l	98
36) 1,1-Dichloropropene	5.530	75	99073	51.200	ug/l	99
37) Ethyl Acetate	4.803	43	112374	50.556	ug/l	99
38) Carbon Tetrachloride	5.530	117	103318	52.962	ug/l	98
39) Methylcyclohexane	6.768	83	118719	50.011	ug/l	98
40) Benzene	5.777	78	296349	51.729	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	63129	53.743	ug/l	98
42) 1,2-Dichloroethane	5.797	62	111102	53.690	ug/l	99
43) Isopropyl Acetate	5.915	43	173046	50.899	ug/l	99
44) Trichloroethene	6.546	130	73683	53.732	ug/l	99
45) 1,2-Dichloropropane	6.797	63	82937	54.713	ug/l	99
46) Dibromomethane	6.922	93	57178	54.439	ug/l	99
47) Bromodichloromethane	7.108	83	110968	55.682	ug/l	98
48) Methyl methacrylate	6.964	41	81770	52.255	ug/l	96
49) 1,4-Dioxane	6.964	88	40255	1000.320	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	593004	264.414	ug/l	100
52) Toluene	7.973	92	188331	53.696	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	120779	52.733	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	131635	54.110	ug/l	94
55) 1,1,2-Trichloroethane	8.404	97	79864	54.941	ug/l	98
56) Ethyl methacrylate	8.337	69	121869	46.900	ug/l	97
57) 1,3-Dichloropropane	8.578	76	139817	53.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	279466	208.830	ug/l	99
59) 2-Hexanone	8.687	43	467901	240.079	ug/l	99
60) Dibromochloromethane	8.812	129	84495	55.823	ug/l	100
61) 1,2-Dibromoethane	8.928	107	82286	52.780	ug/l	99
64) Tetrachloroethene	8.555	164	64687	57.920	ug/l	99
65) Chlorobenzene	9.449	112	197354	51.635	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	71993	52.813	ug/l	98
67) Ethyl Benzene	9.575	91	362289	52.930	ug/l	99
68) m/p-Xylenes	9.697	106	280691	108.737	ug/l	100
69) o-Xylene	10.105	106	135310	53.916	ug/l	100
70) Styrene	10.118	104	235504	55.469	ug/l	99
71) Bromoform	10.295	173	61424	47.755	ug/l #	100
73) Isopropylbenzene	10.488	105	362441	53.200	ug/l	99
74) N-amyl acetate	10.324	43	148784	48.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	137285	50.861	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	136683m	43.226	ug/l	
77) Bromobenzene	10.787	156	83963	50.760	ug/l	96
78) n-propylbenzene	10.909	91	447627	52.791	ug/l	100
79) 2-Chlorotoluene	10.989	91	262115	52.322	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	316589	53.186	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	39900	41.856	ug/l	96
82) 4-Chlorotoluene	11.099	91	308350	52.484	ug/l	100
83) tert-Butylbenzene	11.427	119	297287	52.393	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	317272	53.630	ug/l	99
85) sec-Butylbenzene	11.648	105	399428	53.078	ug/l	99
86) p-Isopropyltoluene	11.796	119	333682	53.062	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	166712	49.952	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	169847	50.318	ug/l	99
89) n-Butylbenzene	12.214	91	314444	51.908	ug/l	99
90) Hexachloroethane	12.478	117	54795	48.302	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	166922	51.407	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	30546	47.960	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	111778	49.787	ug/l	98
94) Hexachlorobutadiene	14.025	225	47633	49.151	ug/l	98
95) Naphthalene	14.089	128	395797	46.958	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	113315	50.814	ug/l	99

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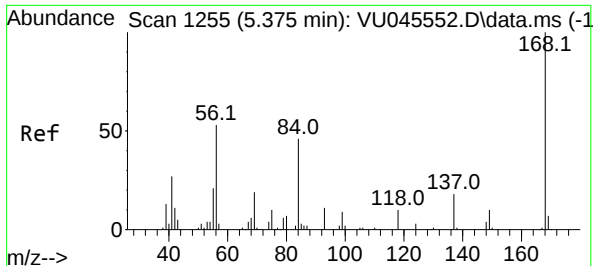
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

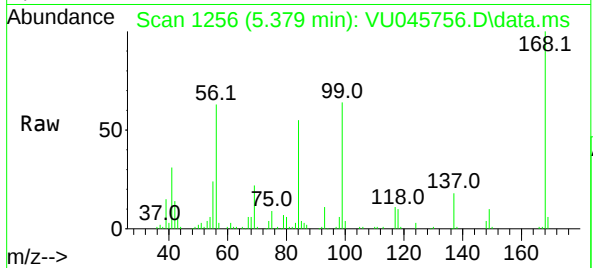
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045756.D
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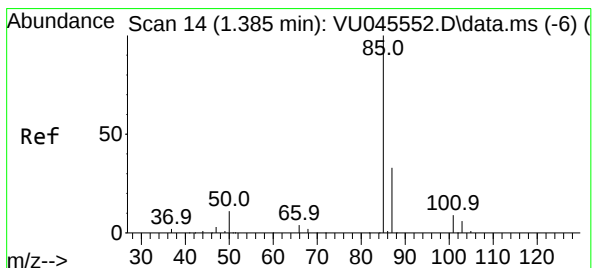
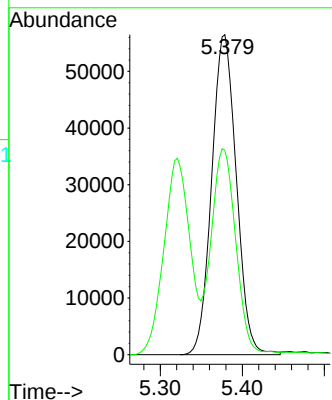
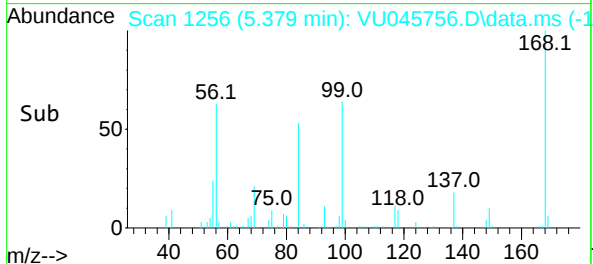
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 11810
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6

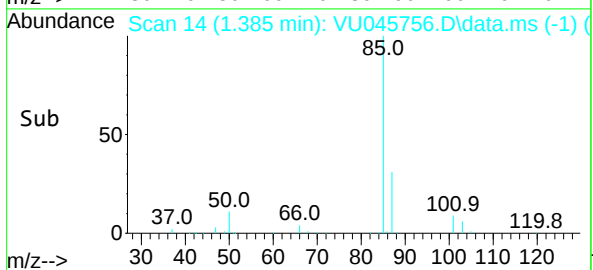
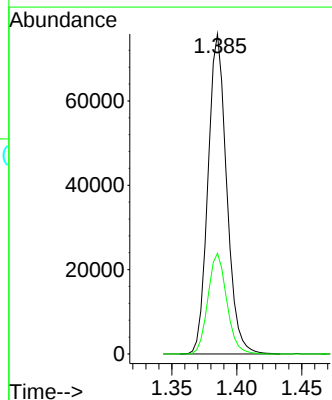
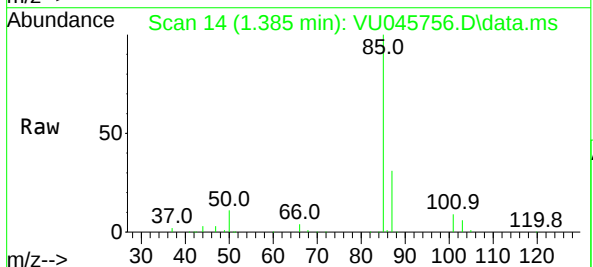
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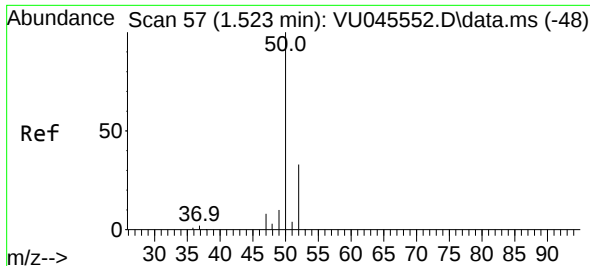
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 49.516 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Tgt Ion: 85 Resp: 75824
Ion Ratio Lower Upper
85 100
87 31.4 15.9 47.7





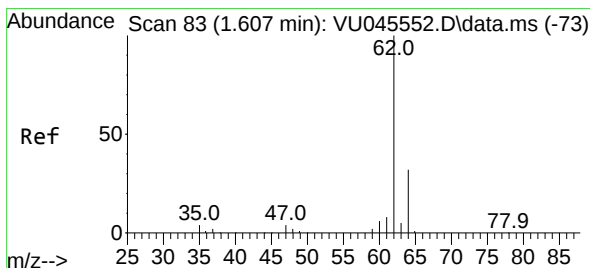
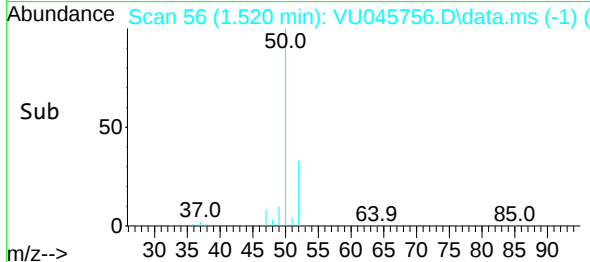
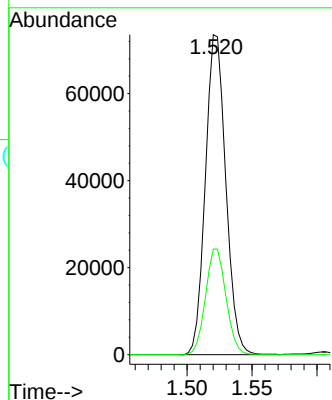
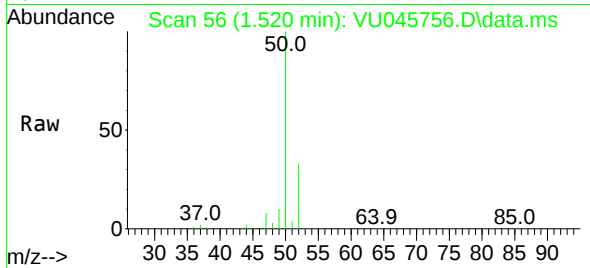
#3
Chloromethane
Concen: 45.908 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Instrument :
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Tgt Ion: 50 Resp: 80434
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0

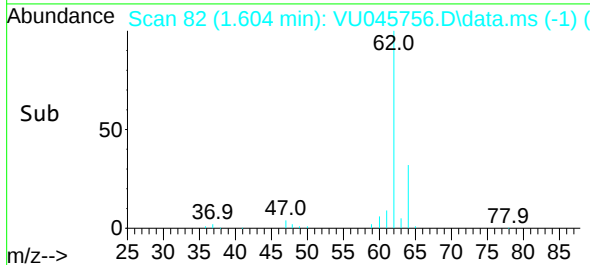
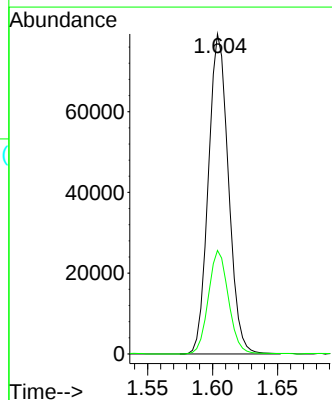
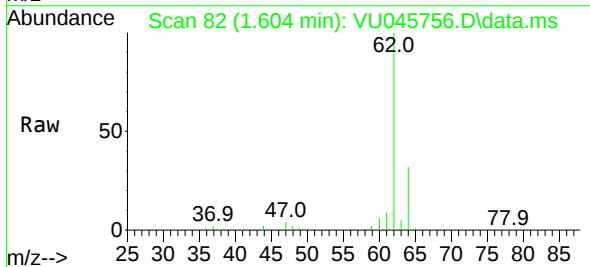
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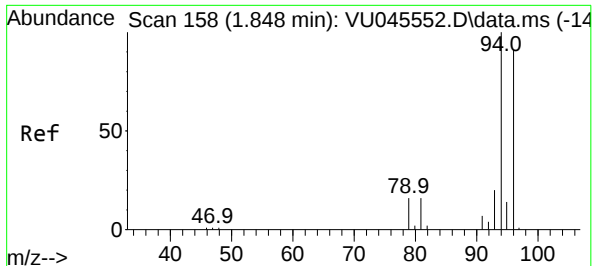
Reviewed By :John Carlone 11/15/2021
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#4
Vinyl Chloride
Concen: 49.888 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

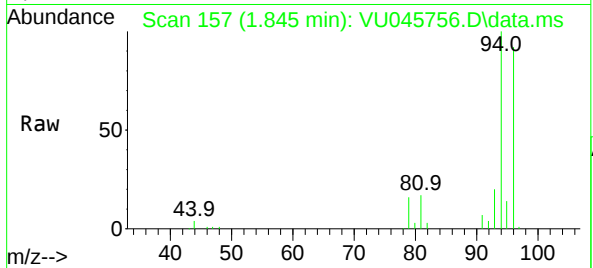
Tgt Ion: 62 Resp: 85145
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





#5
Bromomethane
Concen: 53.662 ug/l
RT: 1.845 min Scan# 158
Delta R.T. -0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

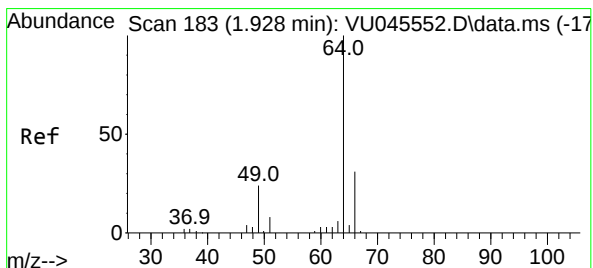
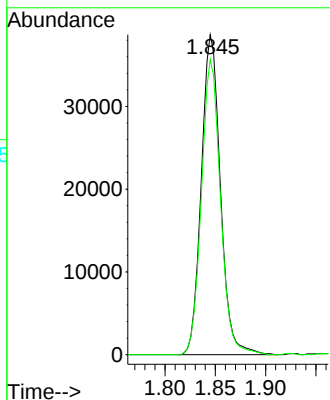
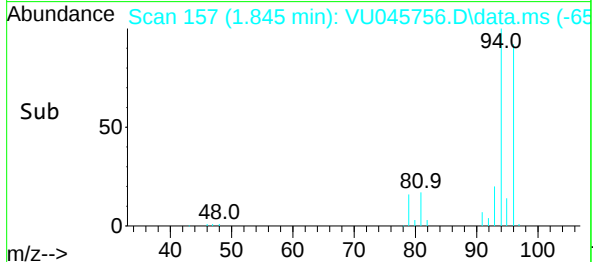
Instrument :
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Tgt Ion: 94 Resp: 51084
Ion Ratio Lower Upper
94 100
96 92.2 75.4 113.2

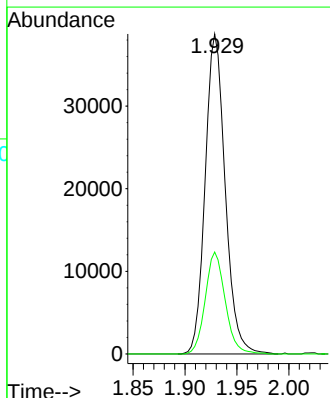
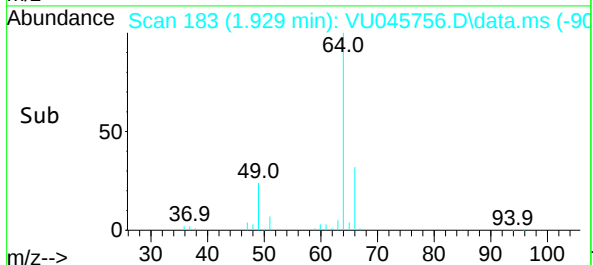
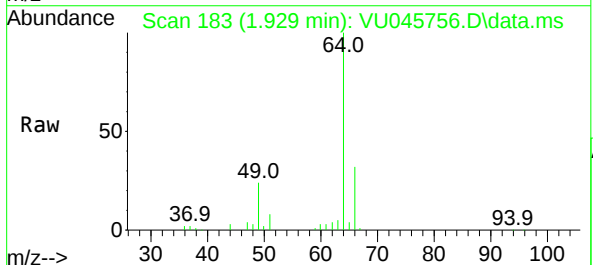
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#6
Chloroethane
Concen: 46.496 ug/l
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Tgt Ion: 64 Resp: 51789
Ion Ratio Lower Upper
64 100
66 31.8 26.7 40.1





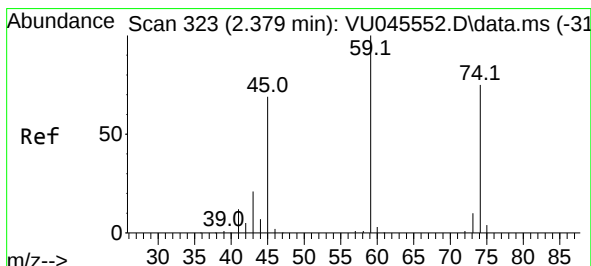
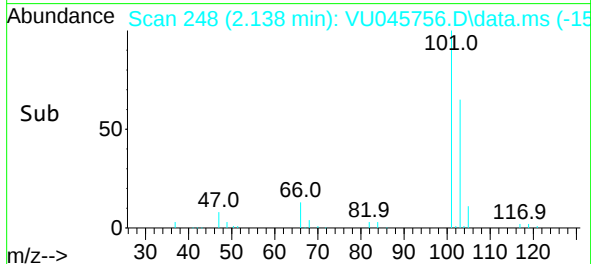
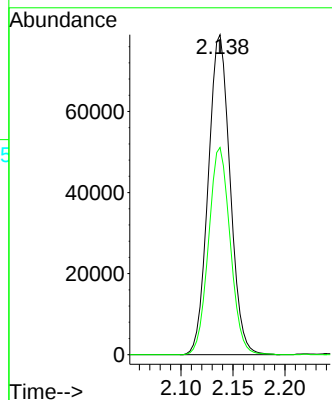
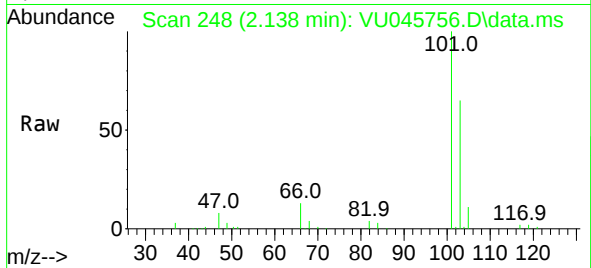
#7
Trichlorofluoromethane
Concen: 50.999 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11510
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0

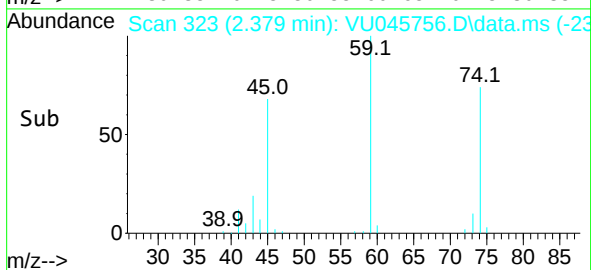
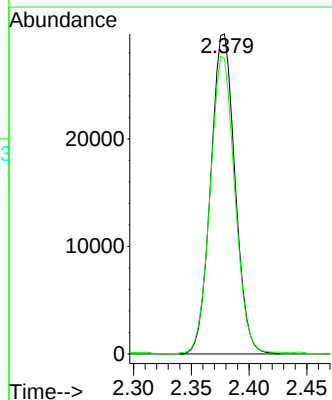
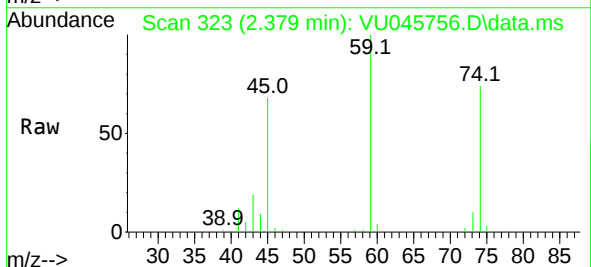
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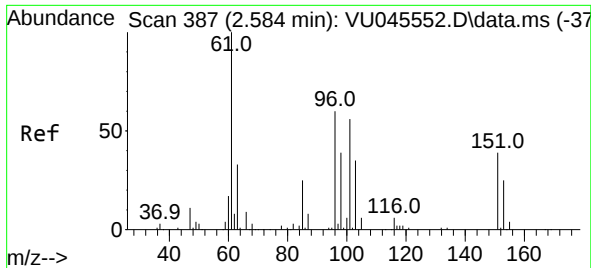
Reviewed By :John Carlone 11/15/2021
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#8
Diethyl Ether
Concen: 48.668 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Tgt Ion: 74 Resp: 43479
Ion Ratio Lower Upper
74 100
45 95.1 47.3 141.8





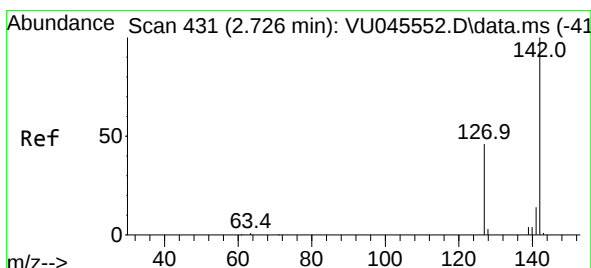
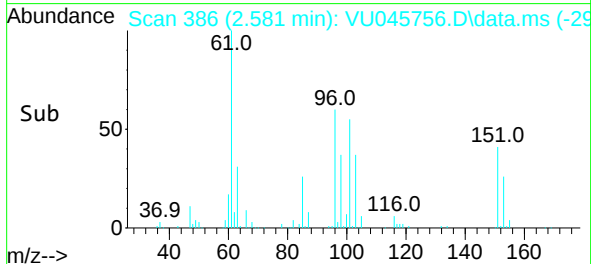
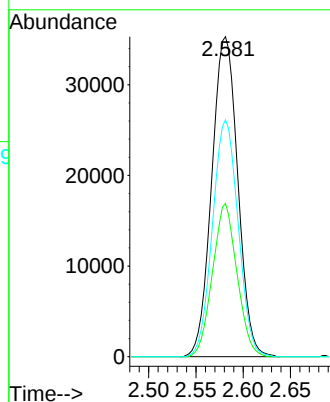
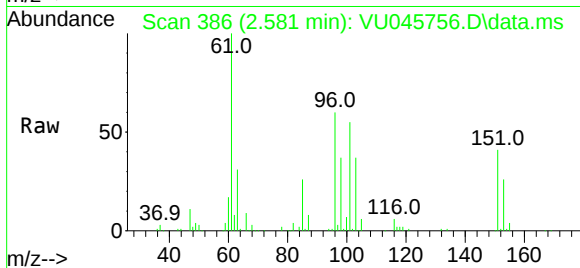
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.286 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

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Tgt Ion:101 Resp: 6758
Ion Ratio Lower Upper
101 100
85 45.0 35.0 52.4
151 73.1 54.6 82.0

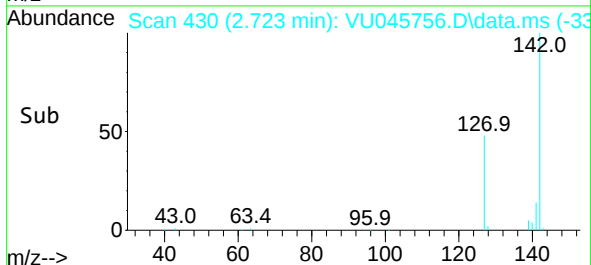
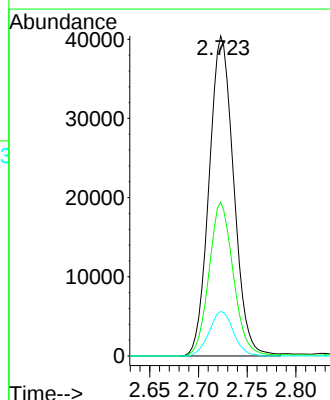
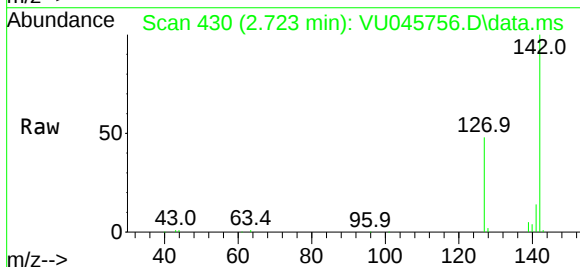
Manual Integrations
APPROVED

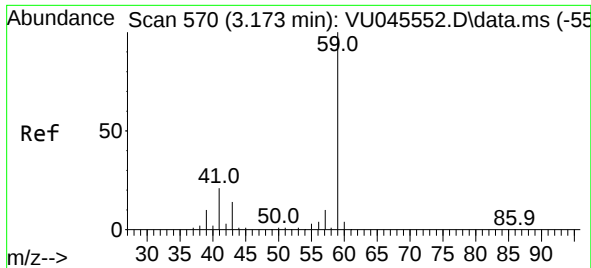
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 41.142 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Tgt Ion:142 Resp: 70954
Ion Ratio Lower Upper
142 100
127 47.4 32.2 48.2
141 13.7 11.3 16.9





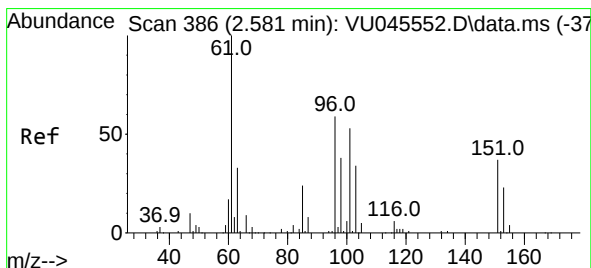
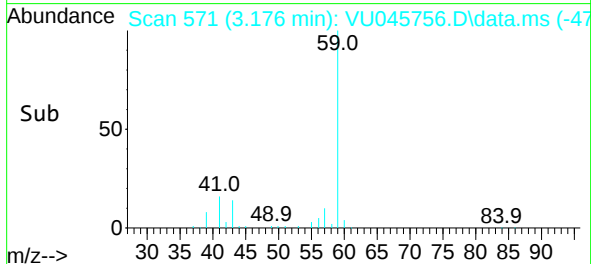
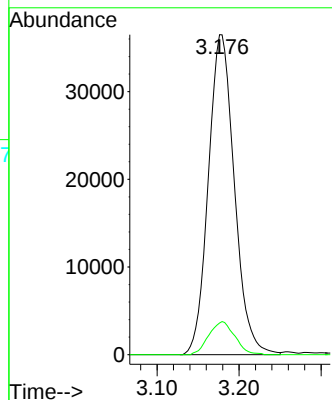
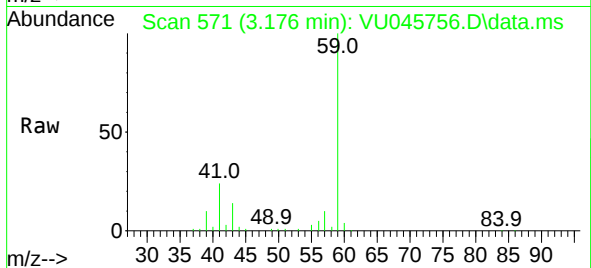
#11
Tert butyl alcohol
Concen: 230.378 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 80654
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

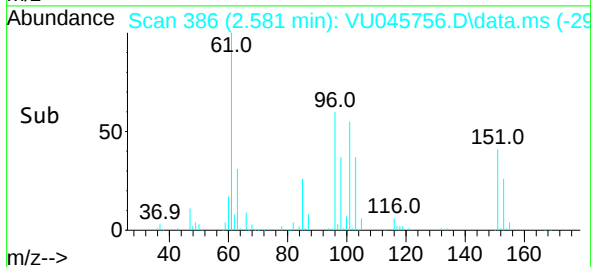
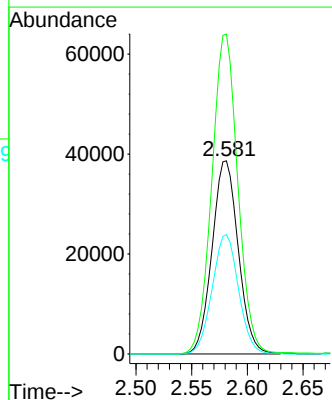
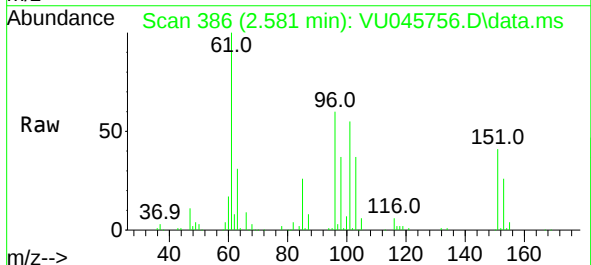
Manual Integrations
APPROVED

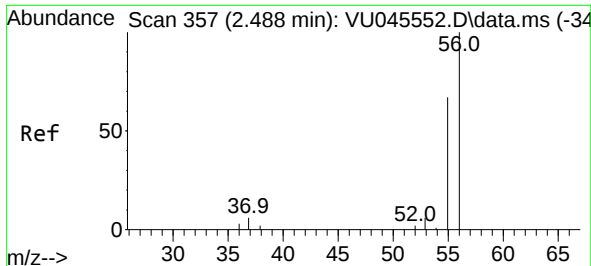
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 48.643 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

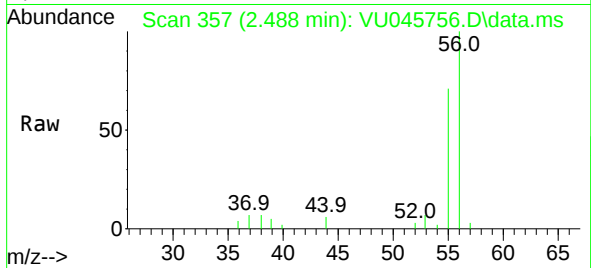
Tgt Ion: 96 Resp: 63205
Ion Ratio Lower Upper
96 100
61 165.7 137.1 205.7
98 61.8 51.5 77.3





#13
Acrolein
Concen: 222.813 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

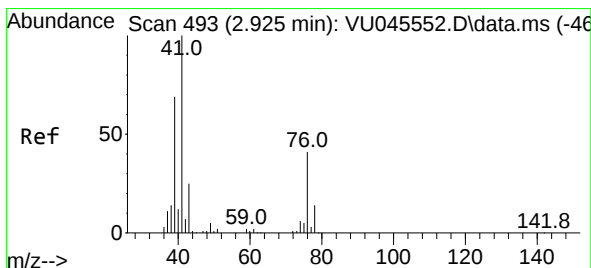
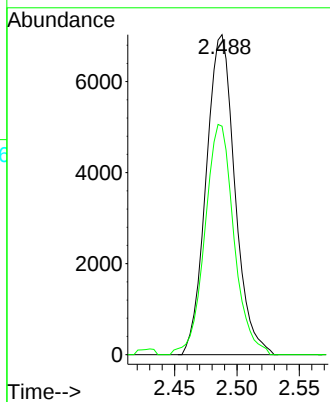
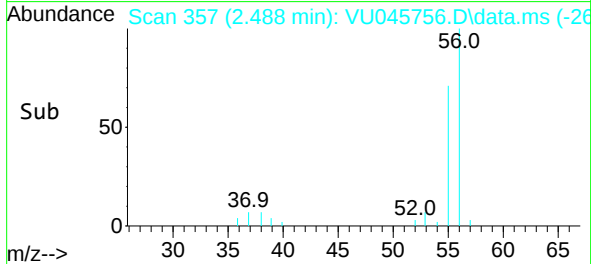
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 11304
Ion Ratio Lower Upper
56 100
55 72.6 56.3 84.5

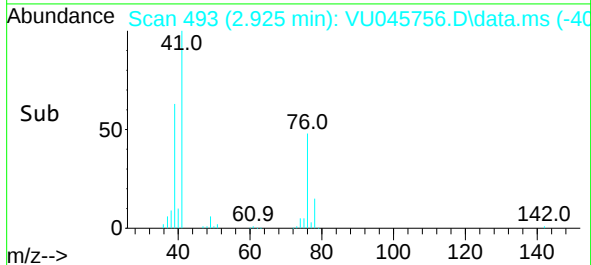
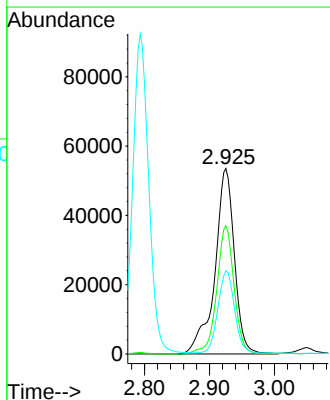
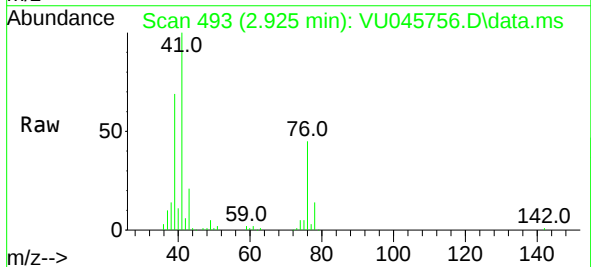
Manual Integrations
APPROVED

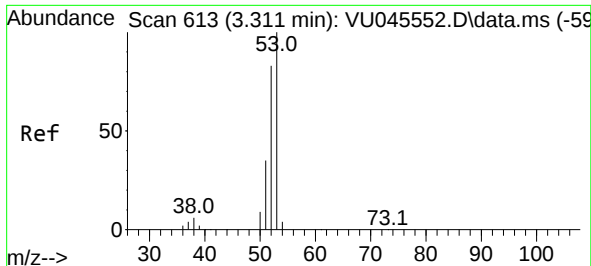
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 48.165 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

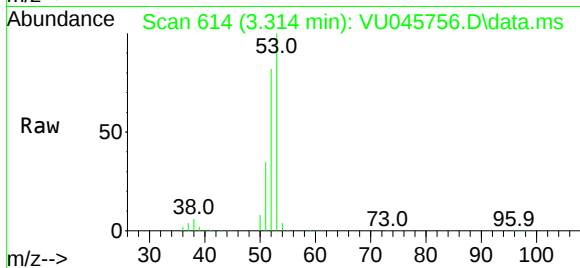
Tgt Ion: 41 Resp: 111747
Ion Ratio Lower Upper
41 100
39 61.1 49.7 74.5
76 37.7 27.7 41.5





#15
Acrylonitrile
Concen: 254.174 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

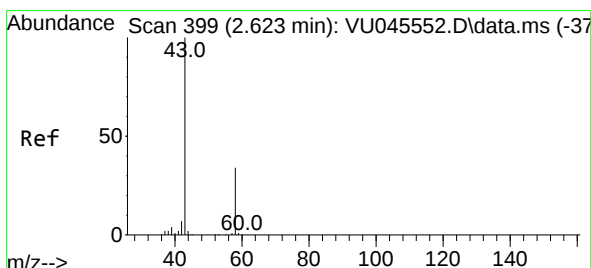
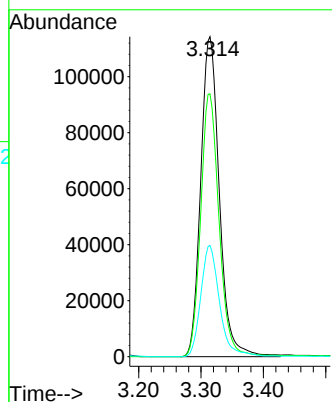
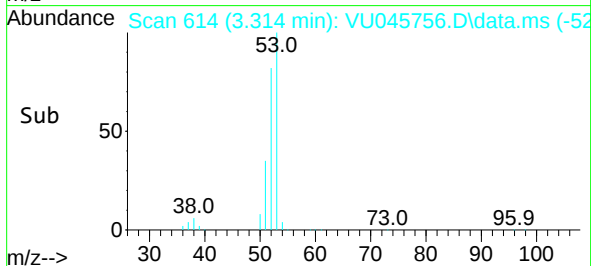
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 237580
Ion Ratio Lower Upper
53 100
52 81.2 66.6 100.0
51 34.9 28.4 42.6

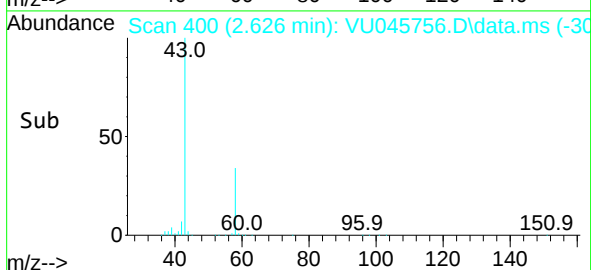
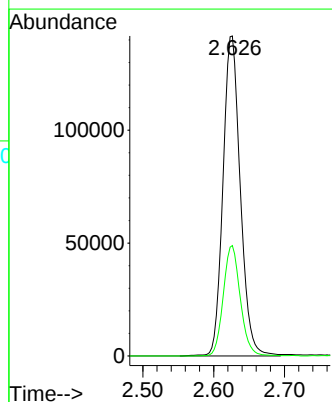
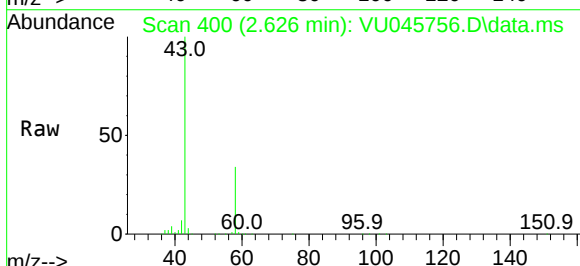
Manual Integrations
APPROVED

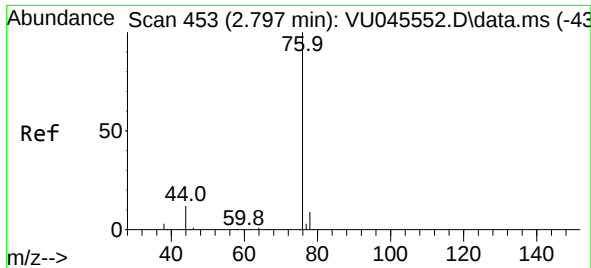
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 267.831 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Tgt Ion: 43 Resp: 241151
Ion Ratio Lower Upper
43 100
58 34.5 26.2 39.2





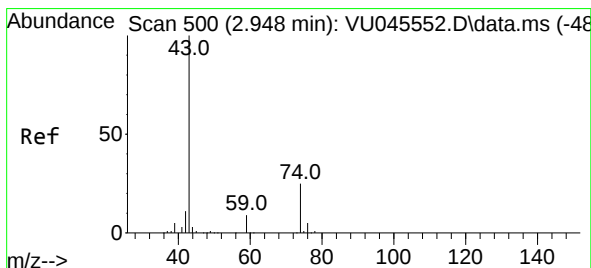
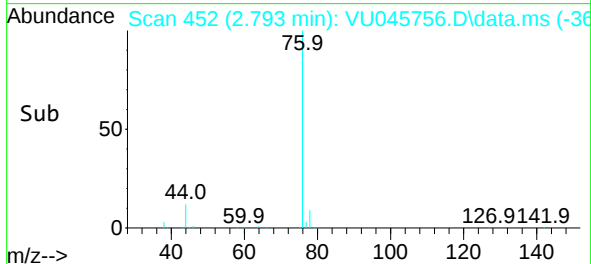
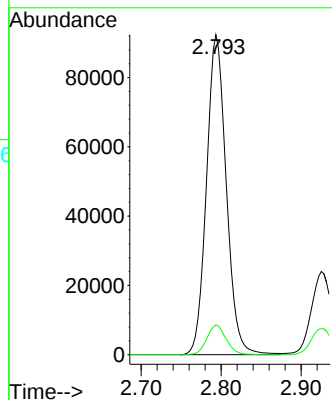
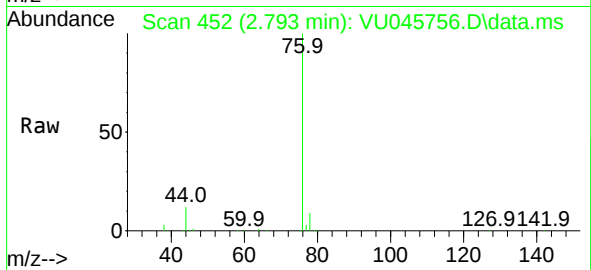
#17
Carbon Disulfide
Concen: 43.616 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 15874
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

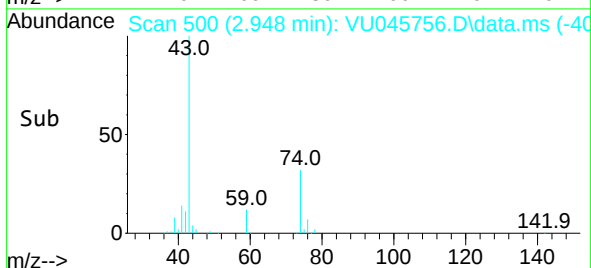
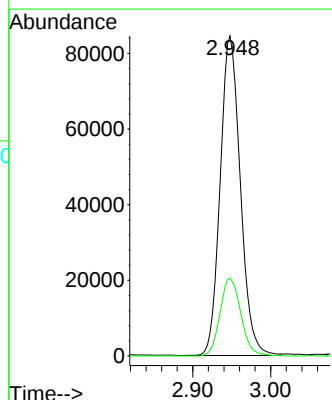
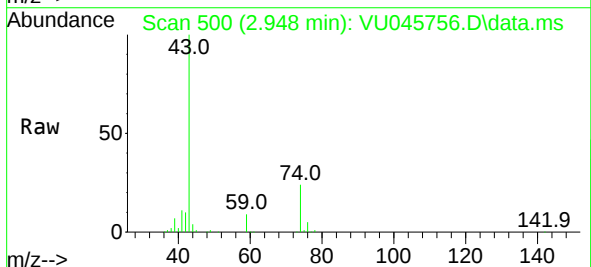
Manual Integrations
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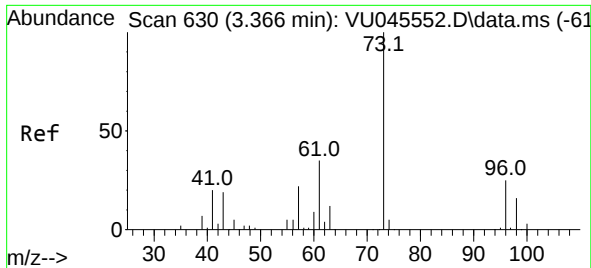
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 49.617 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

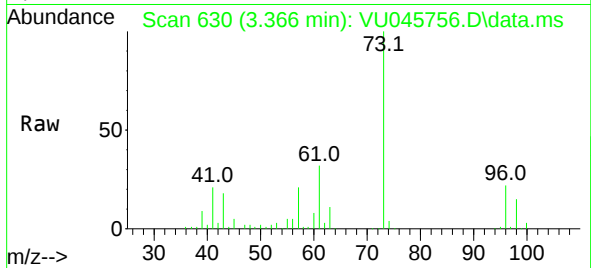
Tgt Ion: 43 Resp: 152160
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 51.335 ug/l
RT: 3.366 min Scan# 610
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

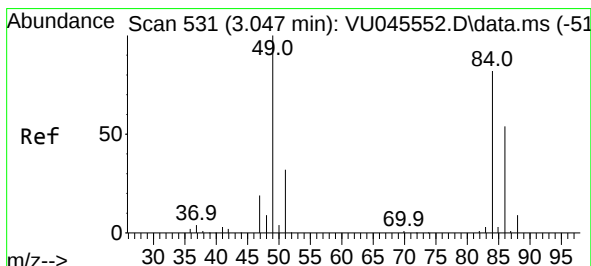
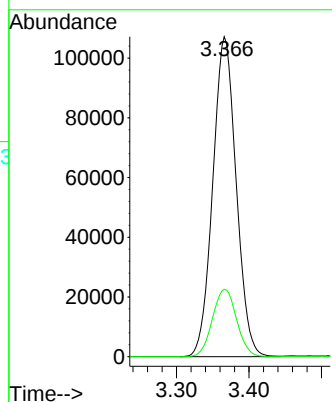
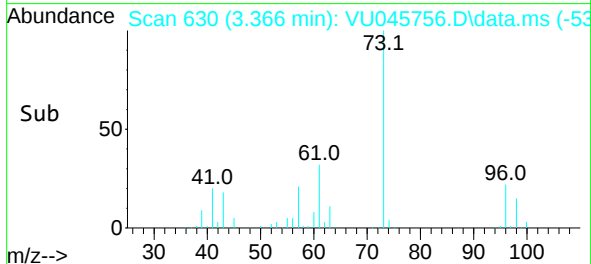
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 24010
Ion Ratio Lower Upper
73 100
57 21.1 18.1 27.1

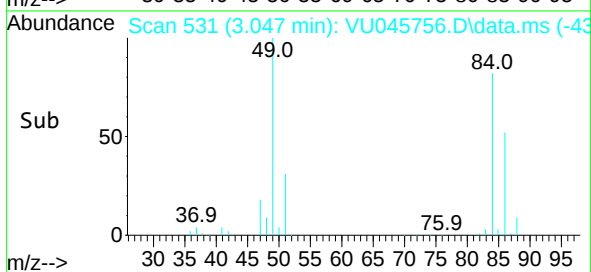
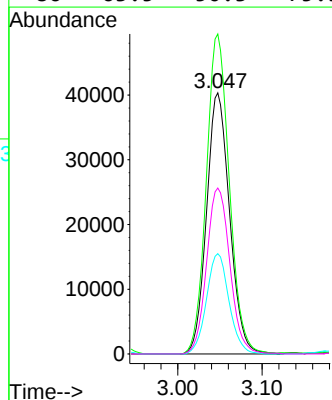
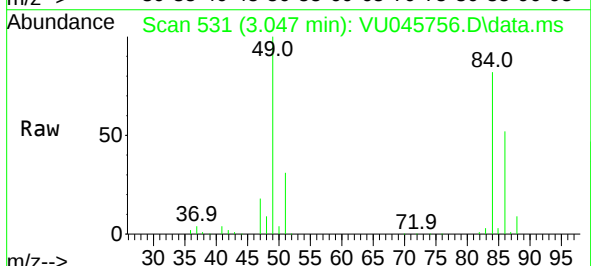
Manual Integrations
APPROVED

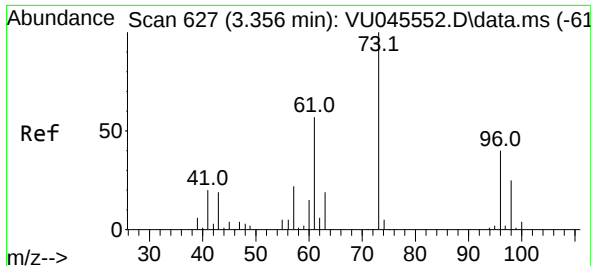
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#20
Methylene Chloride
Concen: 49.066 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

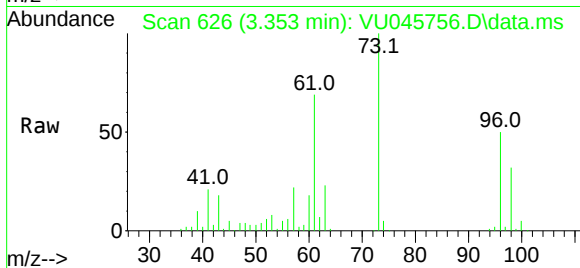
Tgt Ion: 84 Resp: 76763
Ion Ratio Lower Upper
84 100
49 122.5 96.4 144.6
51 38.4 30.5 45.7
86 63.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.141 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

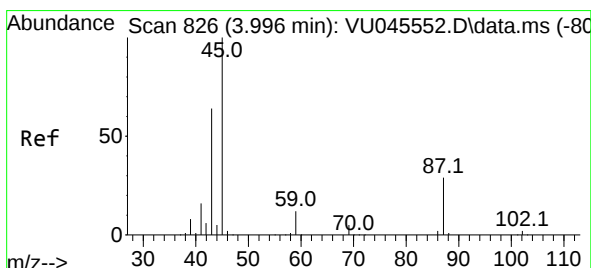
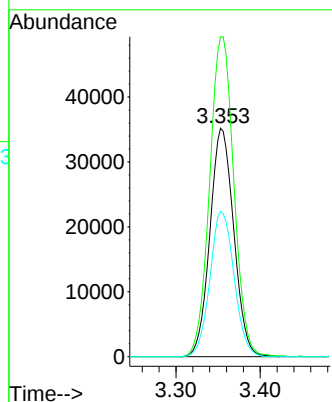
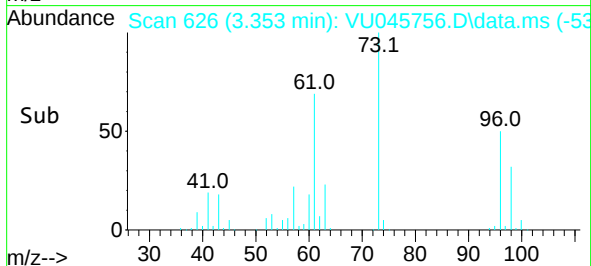
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6913
Ion Ratio Lower Upper
96 100
61 140.0 118.2 177.4
98 63.6 52.1 78.1

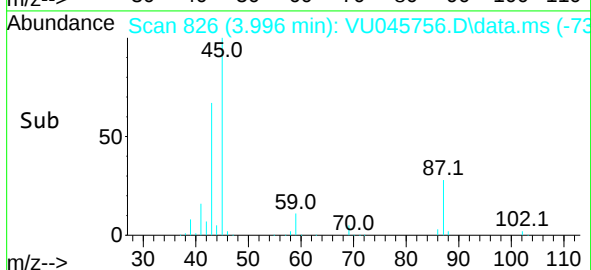
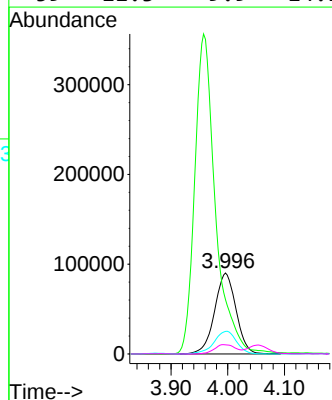
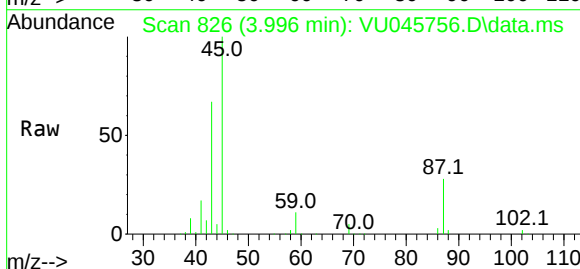
Manual Integrations
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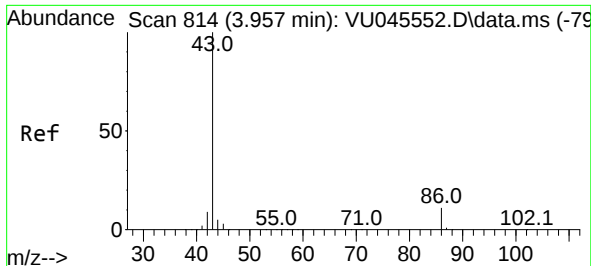
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#22
Diisopropyl ether
Concen: 52.147 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

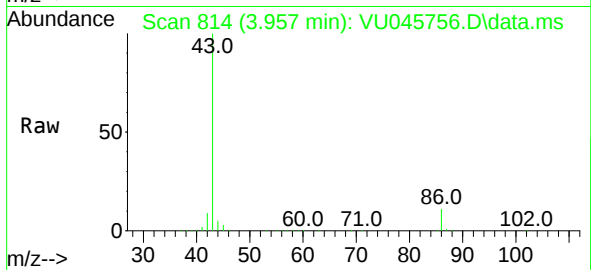
Tgt Ion: 45 Resp: 237561
Ion Ratio Lower Upper
45 100
43 65.4 60.0 90.0
87 27.9 22.3 33.5
59 11.3 9.9 14.9





#23
 Vinyl Acetate
 Concen: 258.665 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045756.D
 Acq: 12 Nov 2021 09:47

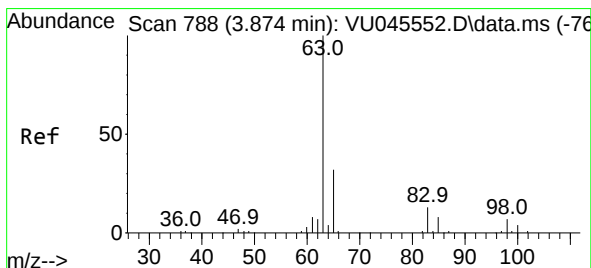
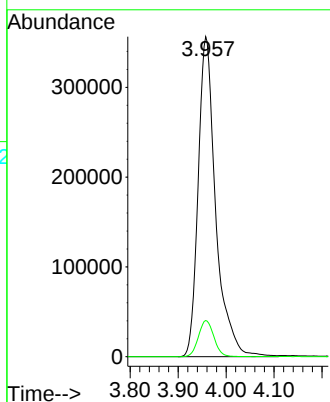
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



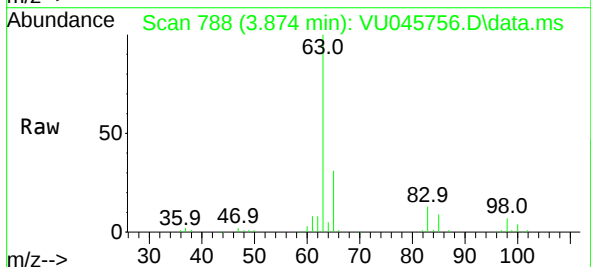
Tgt Ion: 43 Resp: 906295
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3

Manual Integrations
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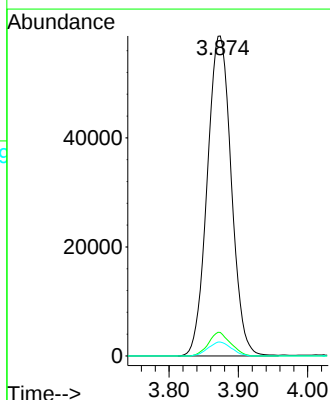
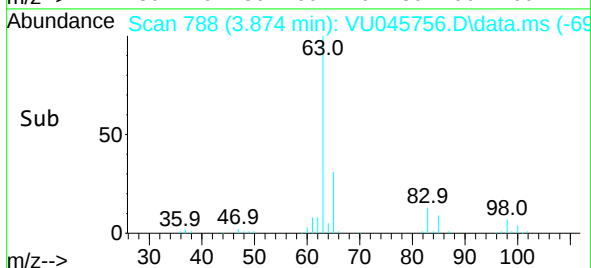
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#24
 1,1-Dichloroethane
 Concen: 52.120 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045756.D
 Acq: 12 Nov 2021 09:47



Tgt Ion: 63 Resp: 141489
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 261.613 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 32670

Ion Ratio Lower Upper

43 100

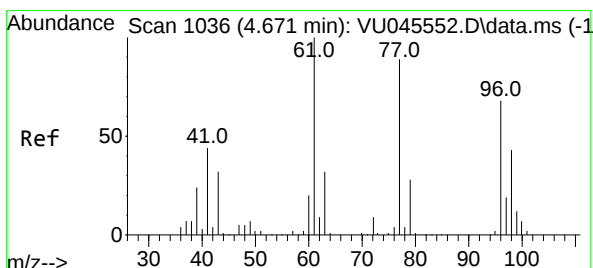
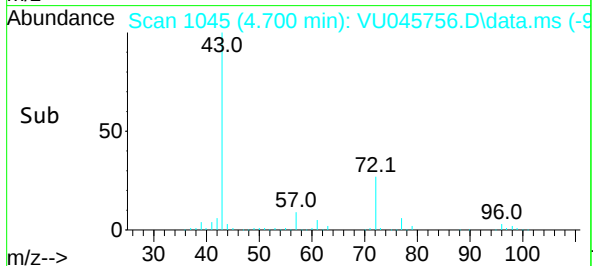
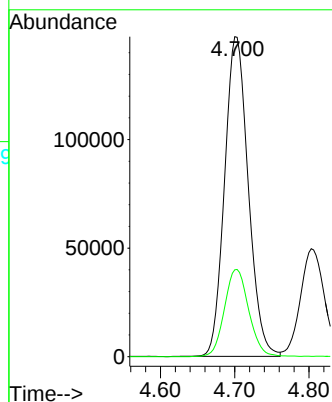
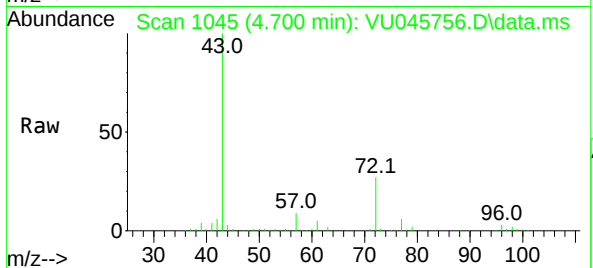
72 27.2 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 51.223 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045756.D

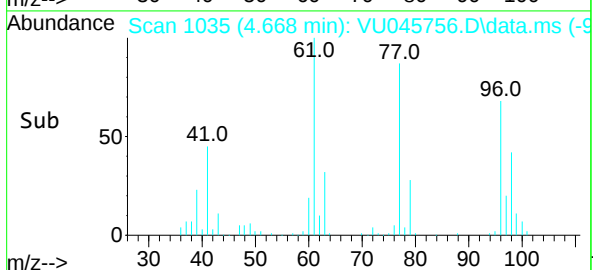
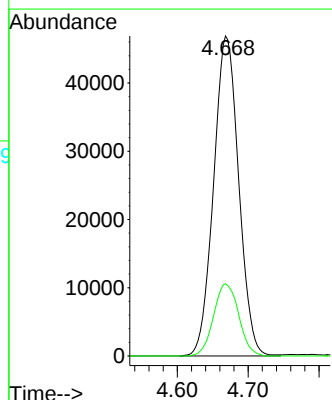
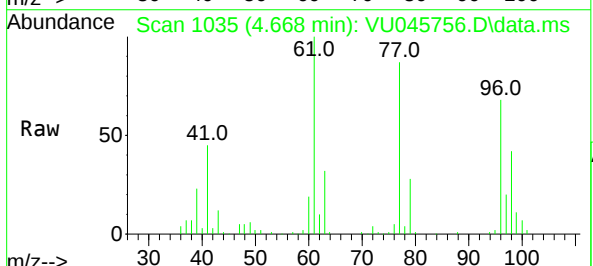
Acq: 12 Nov 2021 09:47

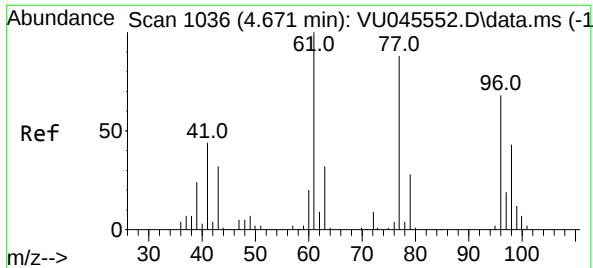
Tgt Ion: 77 Resp: 115229

Ion Ratio Lower Upper

77 100

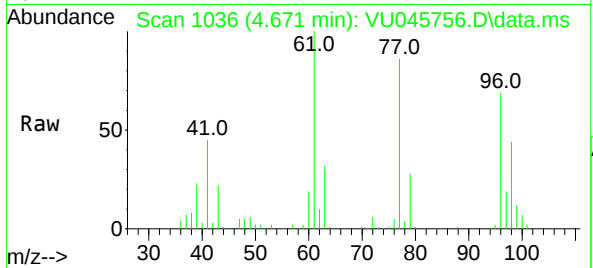
97 22.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.997 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045756.D
 Acq: 12 Nov 2021 09:47

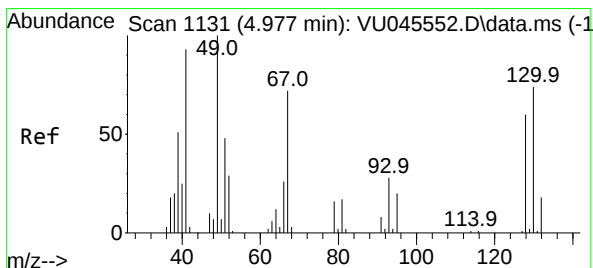
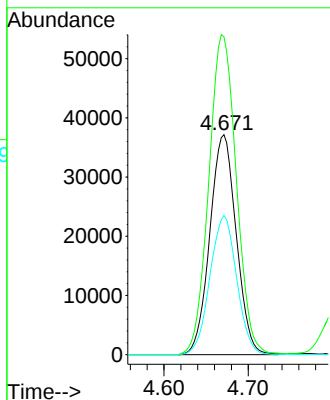
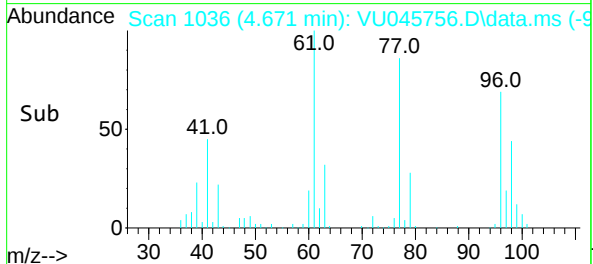
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



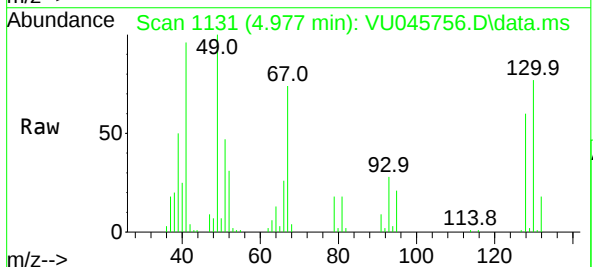
Tgt Ion: 96 Resp: 80969
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 299.2
 98 63.9 0.0 127.6

Manual Integrations
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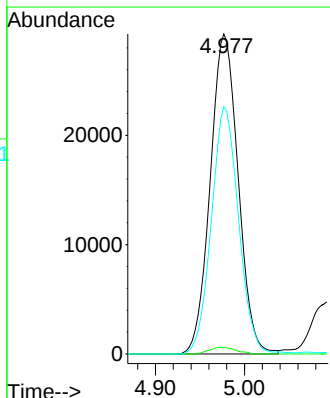
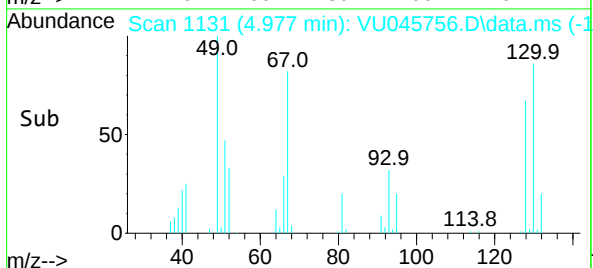
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

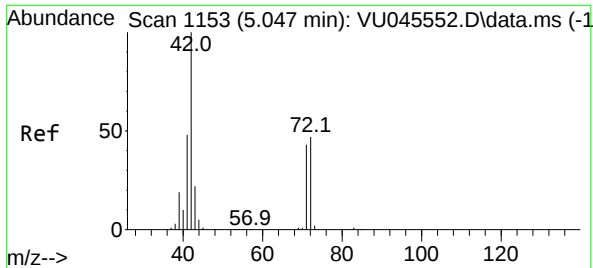


#28
 Bromochloromethane
 Concen: 49.175 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045756.D
 Acq: 12 Nov 2021 09:47



Tgt Ion: 49 Resp: 63643
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 75.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 245.860 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 18780

Ion Ratio Lower Upper

42 100

72 48.5 38.2 57.4

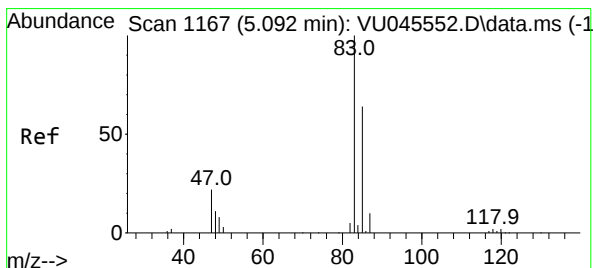
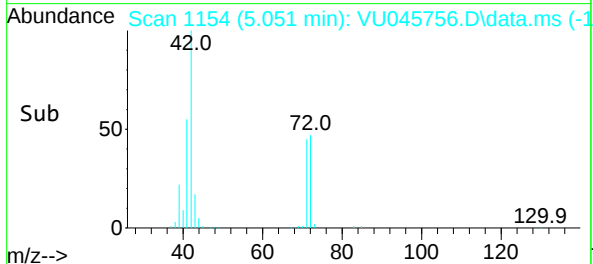
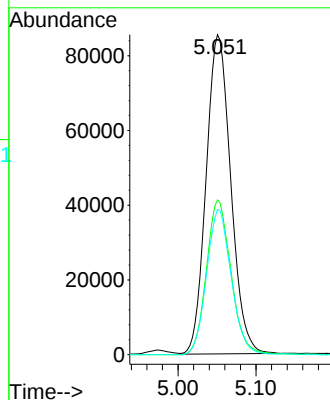
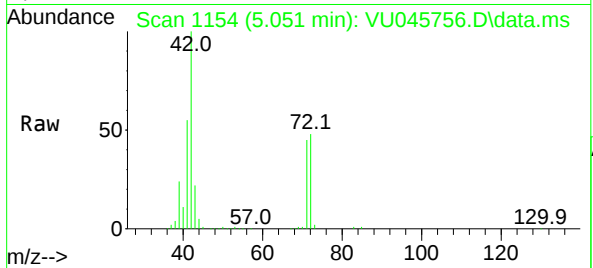
71 45.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 52.717 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045756.D

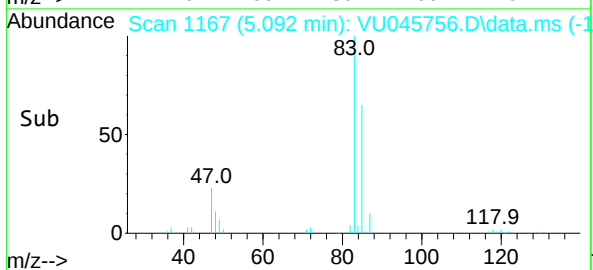
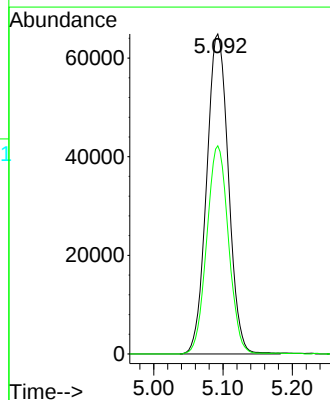
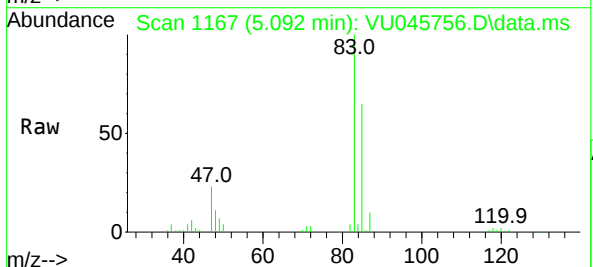
Acq: 12 Nov 2021 09:47

Tgt Ion: 83 Resp: 141536

Ion Ratio Lower Upper

83 100

85 65.1 52.0 78.0





#31

Cyclohexane

Concen: 46.121 ug/l

RT: 5.391 min Scan# 119028

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 119028

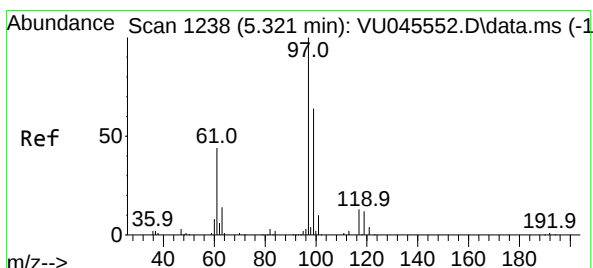
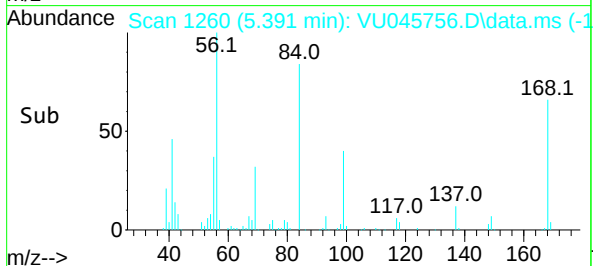
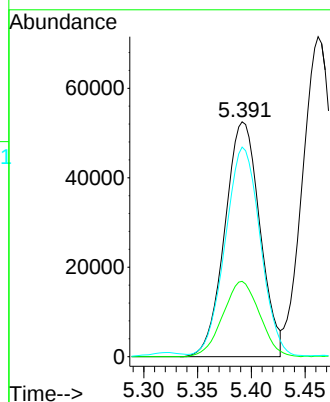
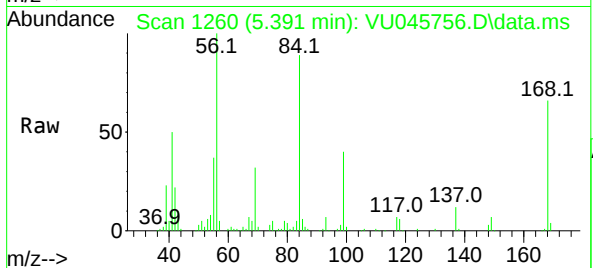
Ion	Ratio	Lower	Upper
56	100		
69	32.0	26.4	39.6
84	88.0	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#32

1,1,1-Trichloroethane

Concen: 52.243 ug/l

RT: 5.321 min Scan# 1238

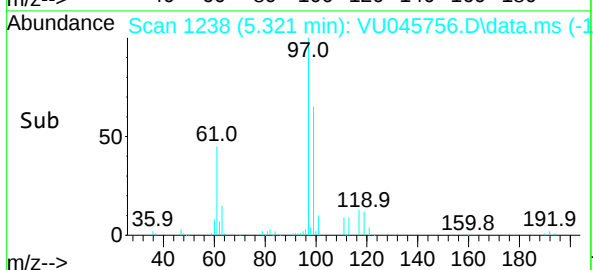
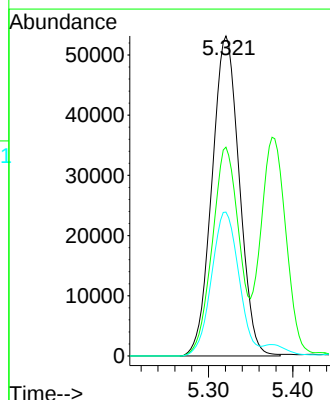
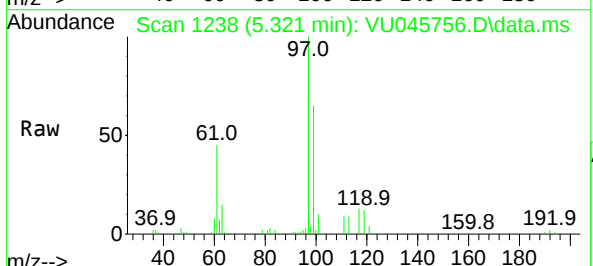
Delta R.T. 0.000 min

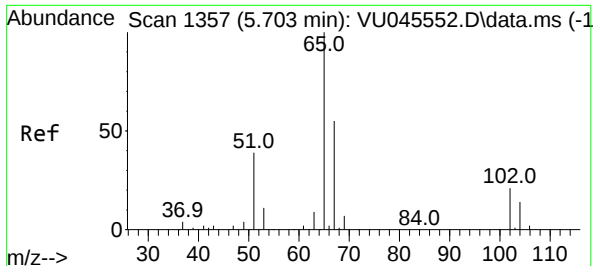
Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Tgt Ion: 97 Resp: 119612

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.8	76.2
61	45.4	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 52.108 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 9216

Ion Ratio Lower Upper

65 100

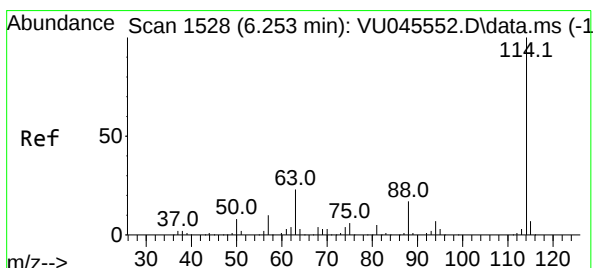
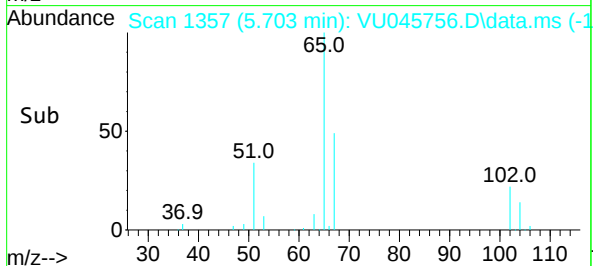
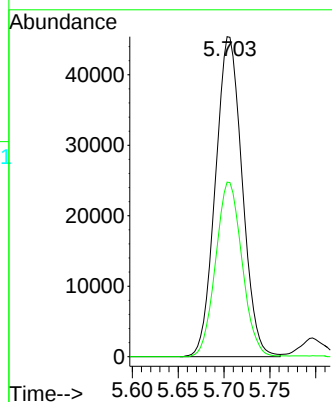
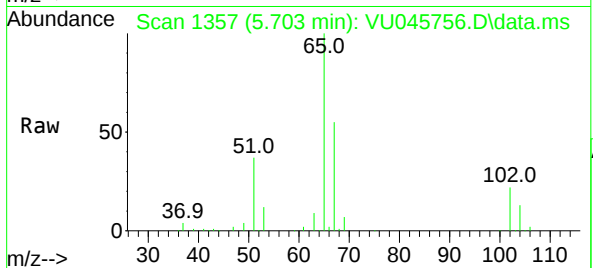
67 53.7 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

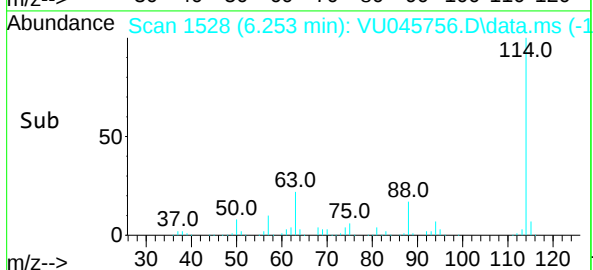
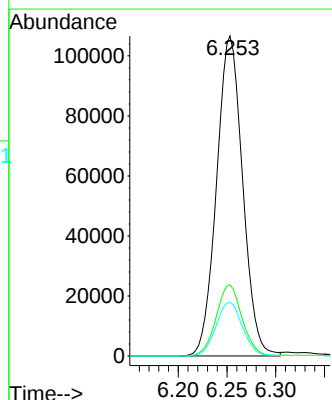
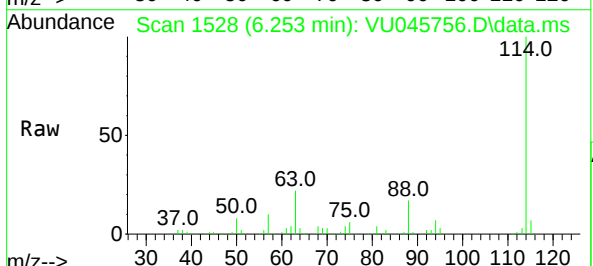
Tgt Ion:114 Resp: 198447

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

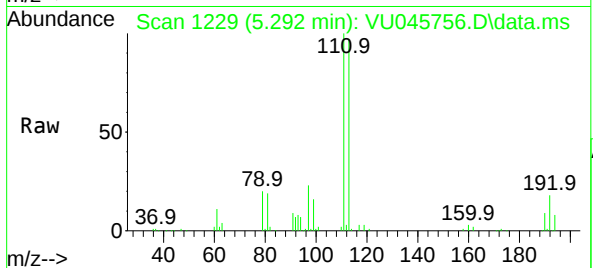
88 16.8 0.0 33.8





#35
Dibromofluoromethane
Concen: 55.025 ug/l
RT: 5.292 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

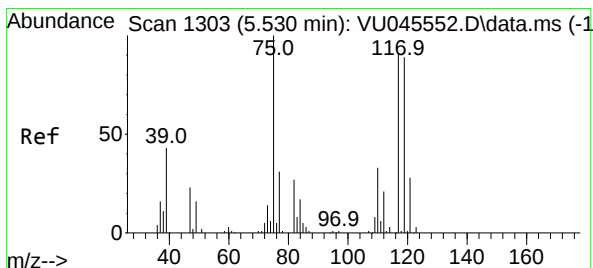
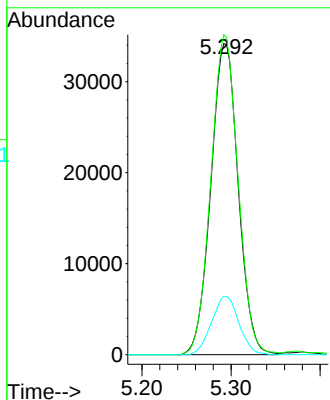
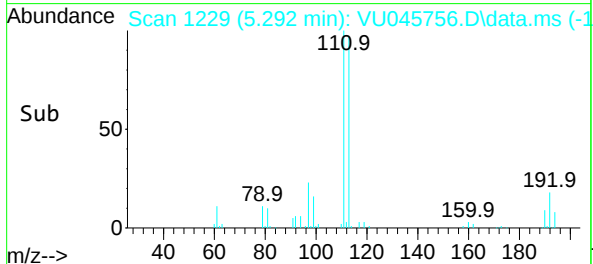
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



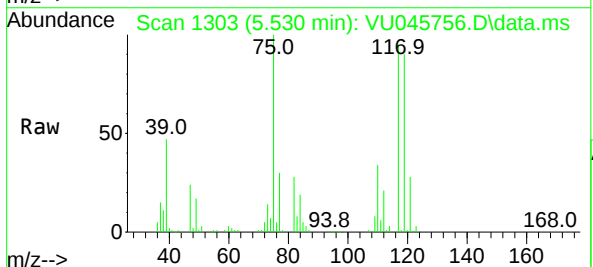
Tgt Ion:113 Resp: 72904
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.7 14.8 22.2

Manual Integrations
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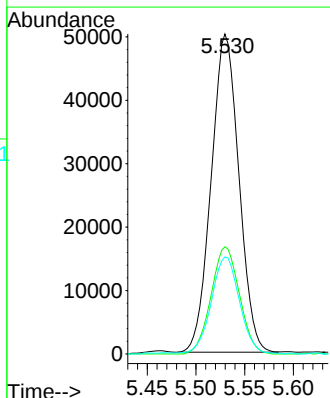
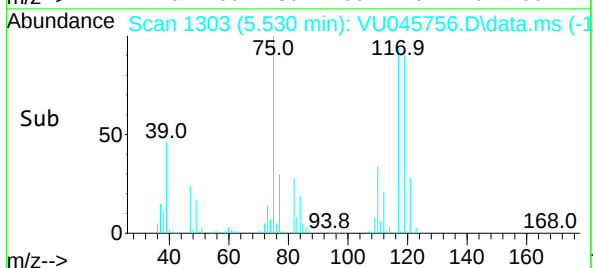
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

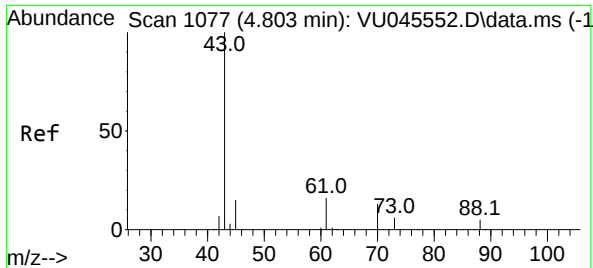


#36
1,1-Dichloropropene
Concen: 51.200 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47



Tgt Ion: 75 Resp: 99073
Ion Ratio Lower Upper
75 100
110 34.4 16.7 50.0
77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 50.556 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 112374

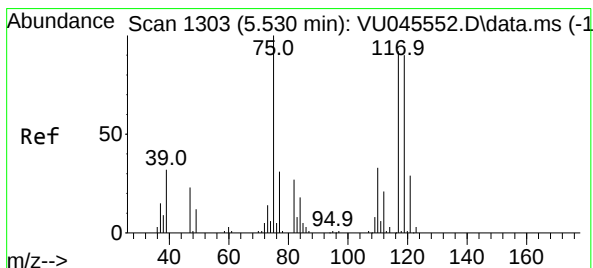
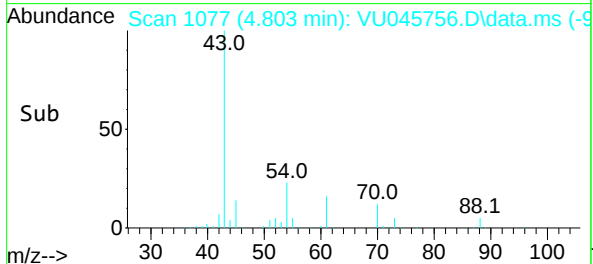
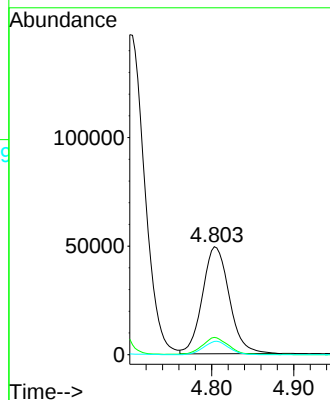
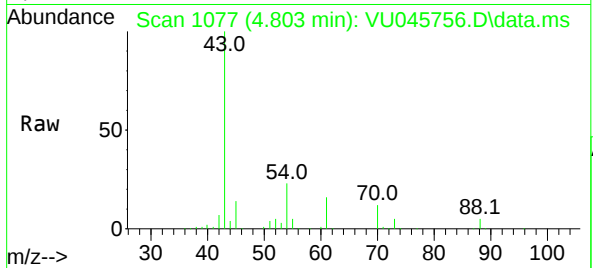
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.6	17.4
70	11.7	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#38

Carbon Tetrachloride

Concen: 52.962 ug/l

RT: 5.530 min Scan# 1303

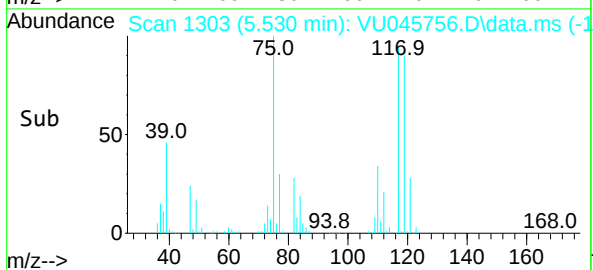
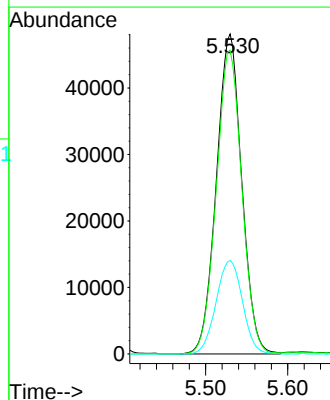
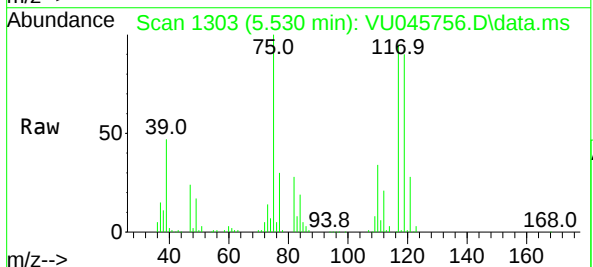
Delta R.T. 0.000 min

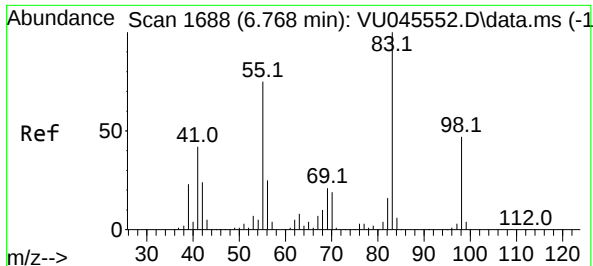
Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Tgt Ion:117 Resp: 103318

Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
121	29.2	24.8	37.2





#39

Methylcyclohexane

Concen: 50.011 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 118719

Ion Ratio Lower Upper

83 100

55 77.5 63.6 95.4

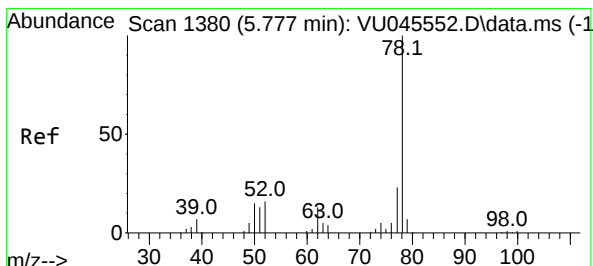
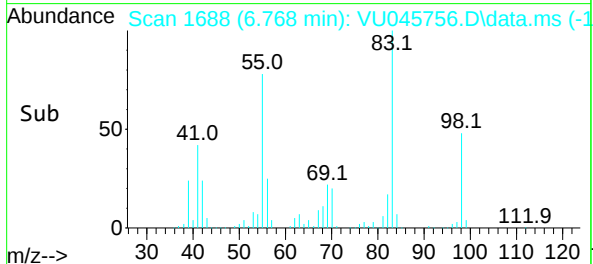
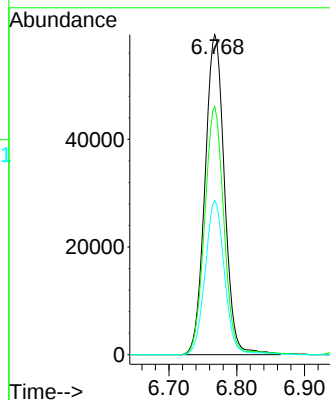
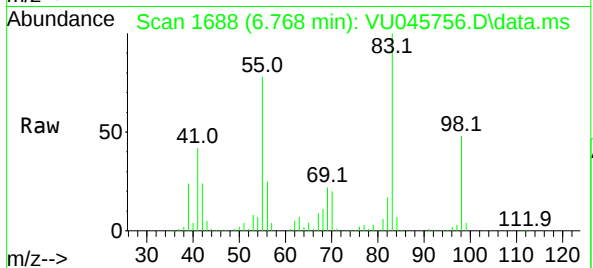
98 48.2 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 51.729 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045756.D

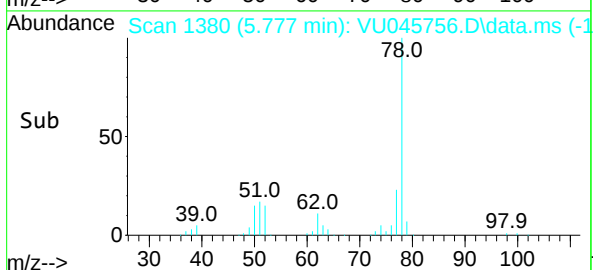
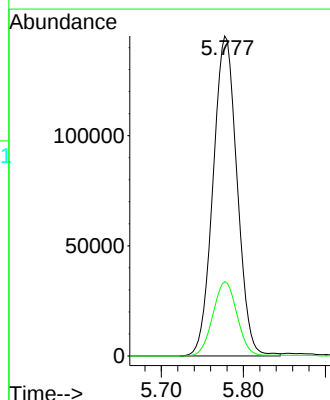
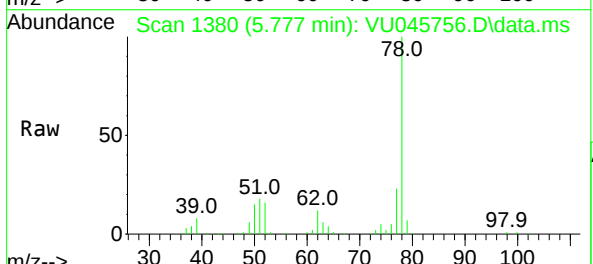
Acq: 12 Nov 2021 09:47

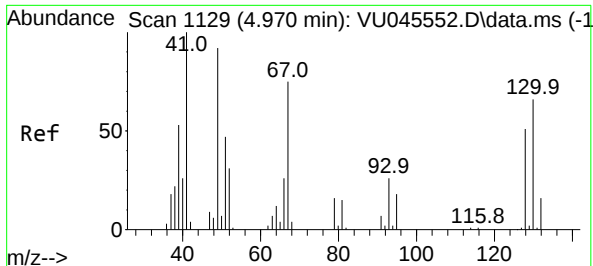
Tgt Ion: 78 Resp: 296349

Ion Ratio Lower Upper

78 100

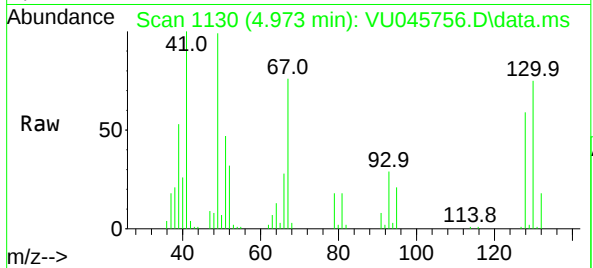
77 23.2 19.0 28.4





#41
Methacrylonitrile
Concen: 53.743 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

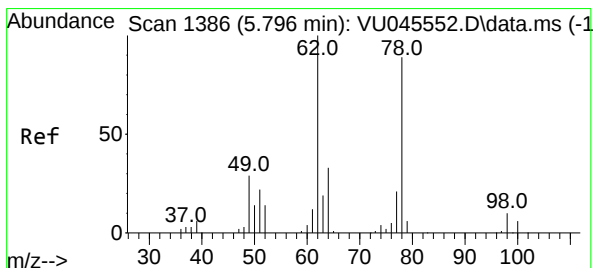
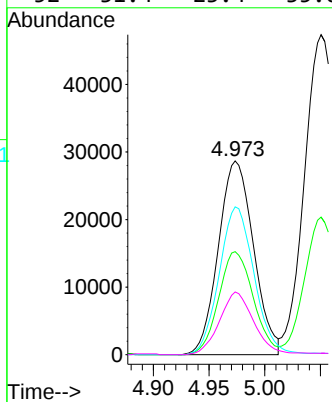
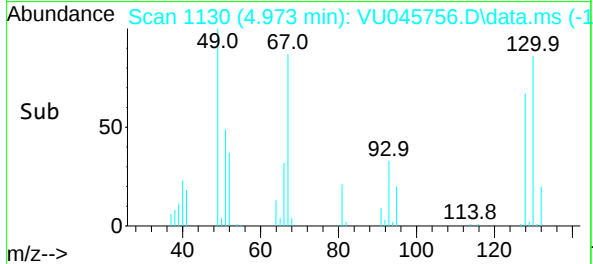
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 63129
Ion Ratio Lower Upper
41 100
39 52.3 43.4 65.0
67 75.7 61.0 91.4
52 31.4 23.4 35.0

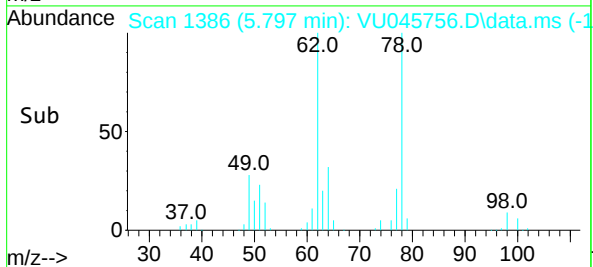
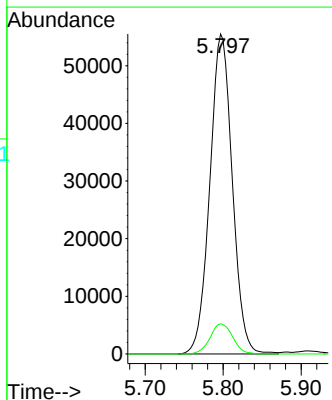
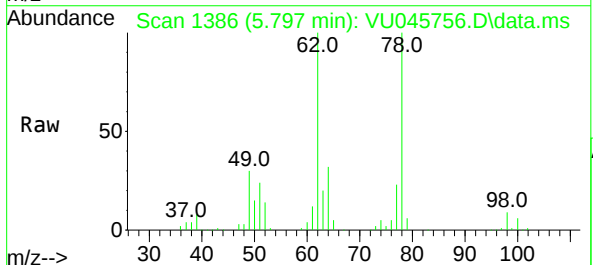
Manual Integrations
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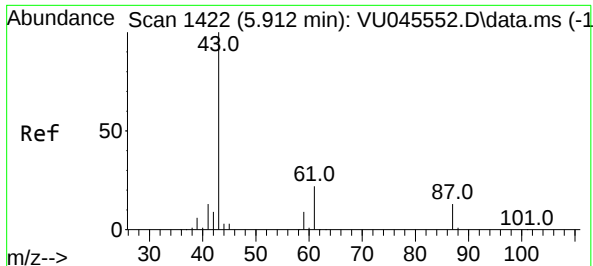
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 53.690 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Tgt Ion: 62 Resp: 111102
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 50.899 ug/l

RT: 5.915 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 173040

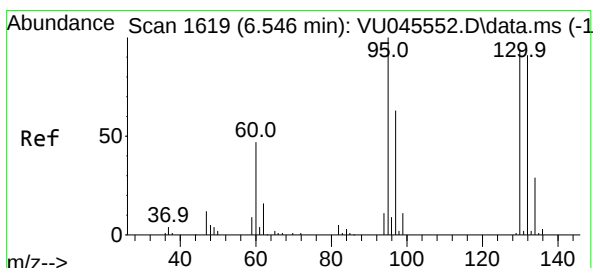
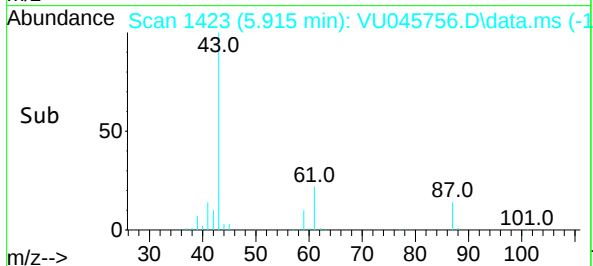
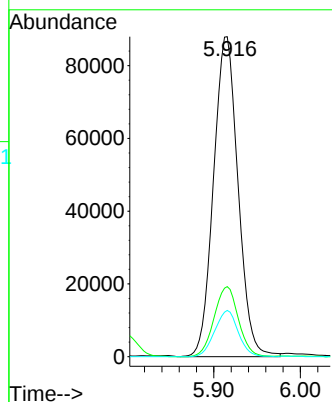
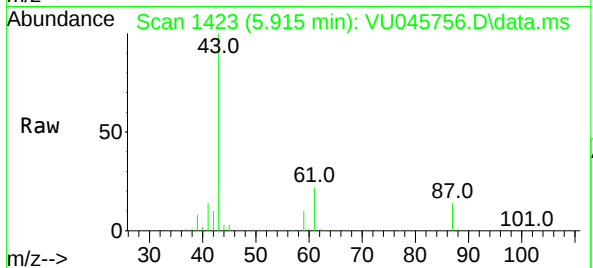
Ion	Ratio	Lower	Upper
43	100		
61	21.7	16.9	25.3
87	13.8	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#44

Trichloroethene

Concen: 53.732 ug/l

RT: 6.546 min Scan# 1619

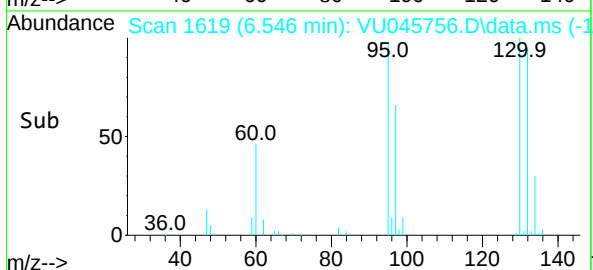
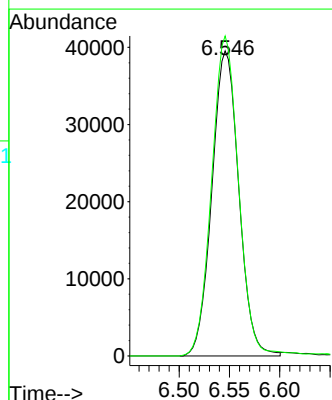
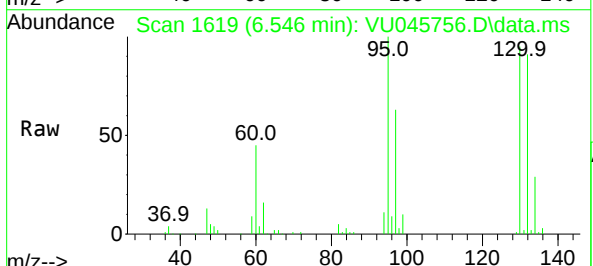
Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Tgt Ion:130 Resp: 73683

Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	211.4





#45

1,2-Dichloropropane

Concen: 54.713 ug/l

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8293

Ion Ratio Lower Upper

63 100

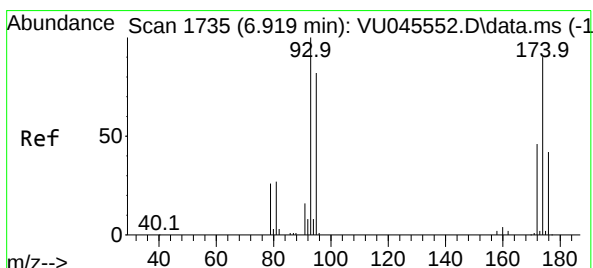
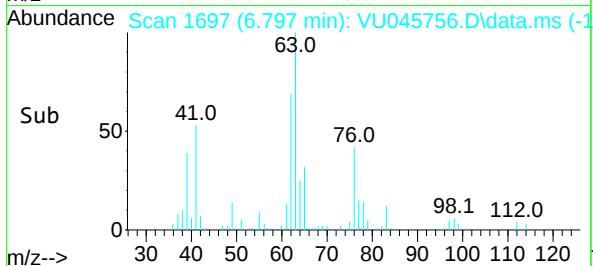
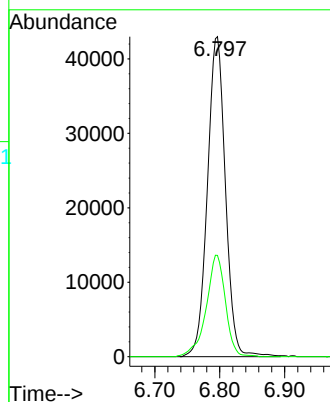
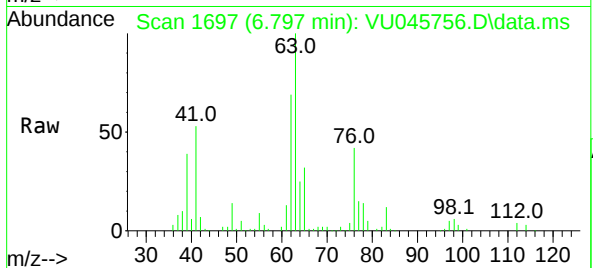
65 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 54.439 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

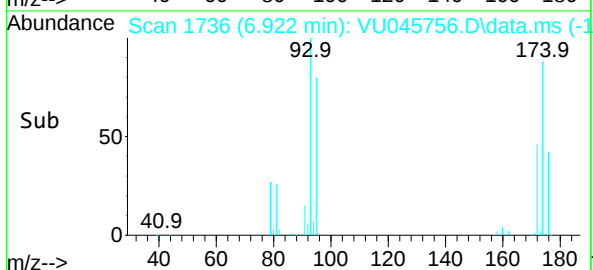
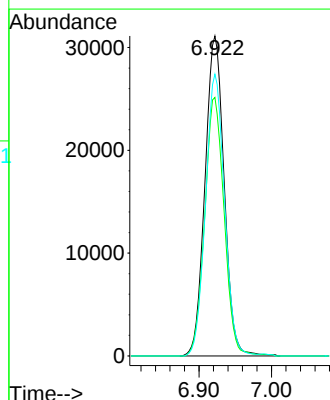
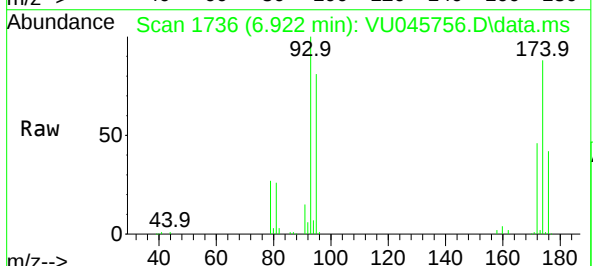
Tgt Ion: 93 Resp: 57178

Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.2

174 87.4 71.0 106.6





#47

Bromodichloromethane

Concen: 55.682 ug/l

RT: 7.108 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11096

Ion Ratio Lower Upper

83 100

85 63.5 49.8 74.6

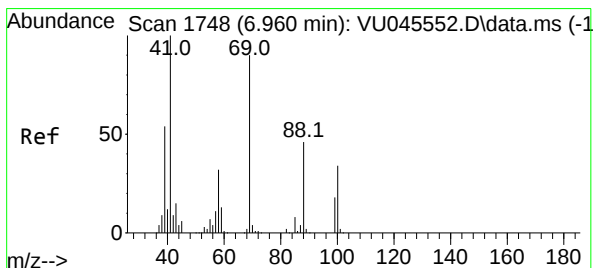
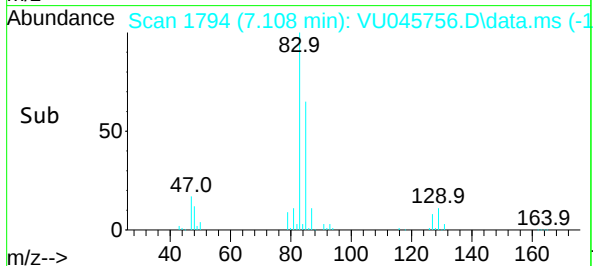
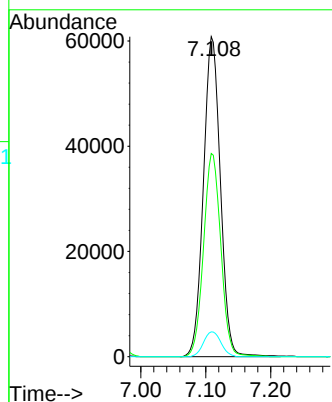
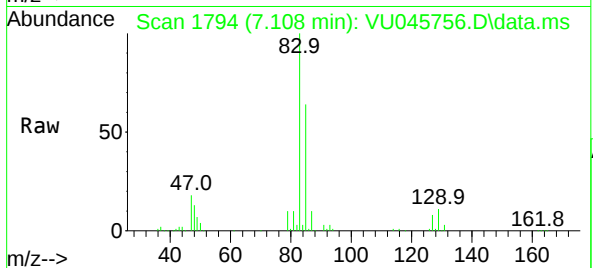
127 7.8 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#48

Methyl methacrylate

Concen: 52.255 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

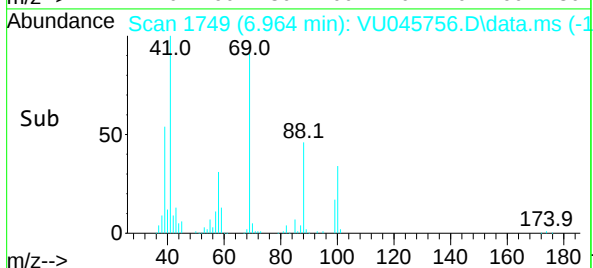
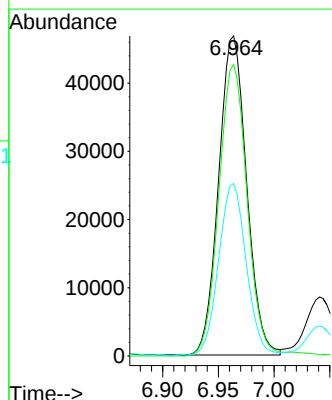
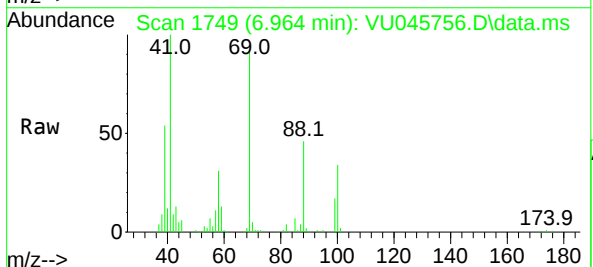
Tgt Ion: 41 Resp: 81770

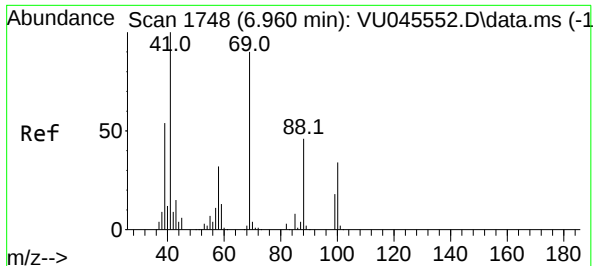
Ion Ratio Lower Upper

41 100

69 92.1 70.2 105.2

39 53.7 43.9 65.9





#49

1,4-Dioxane

Concen: 1000.320 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4025

Ion Ratio Lower Upper

88 100

43 28.9 0.0 0.0

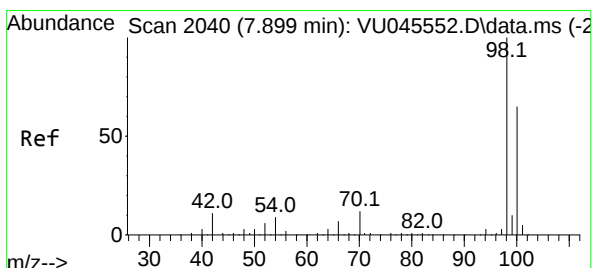
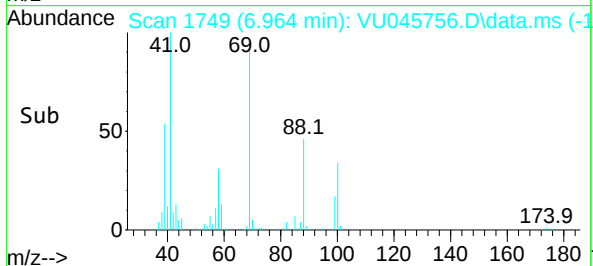
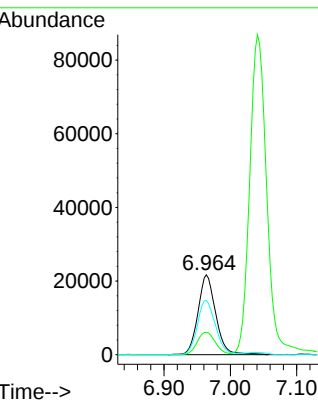
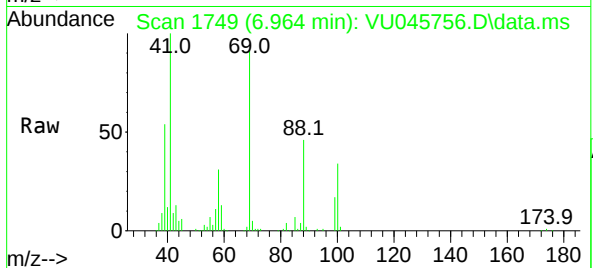
58 69.6 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 55.032 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.003 min

Lab File: VU045756.D

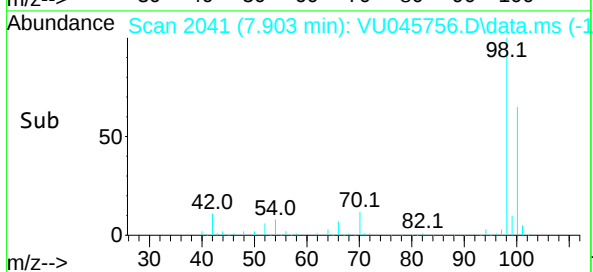
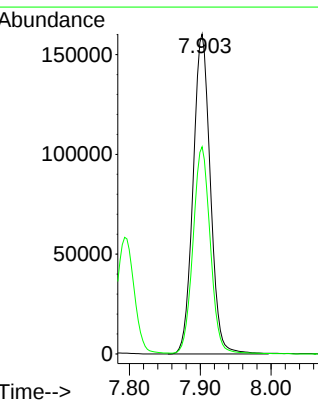
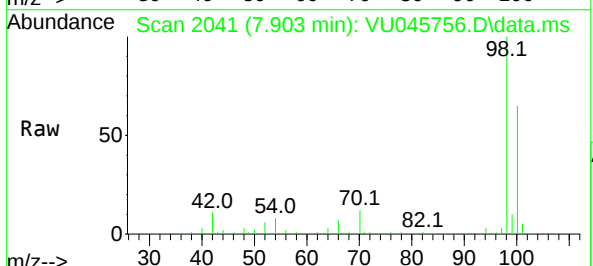
Acq: 12 Nov 2021 09:47

Tgt Ion: 98 Resp: 271128

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 264.414 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 593004

Ion Ratio Lower Upper

43 100

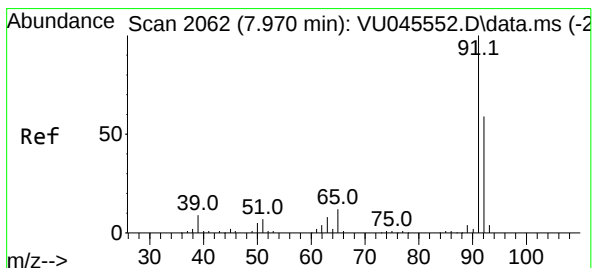
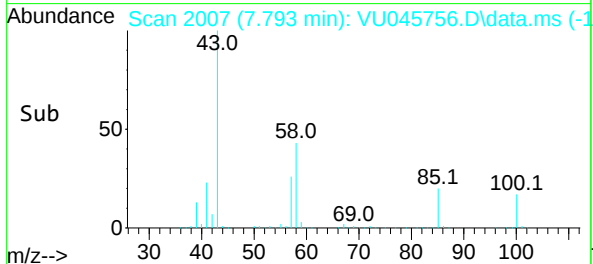
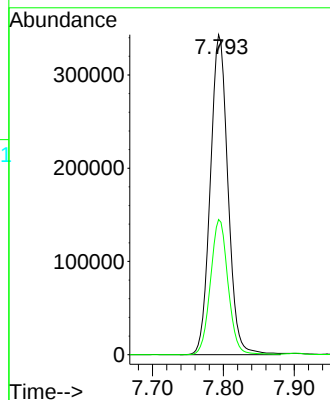
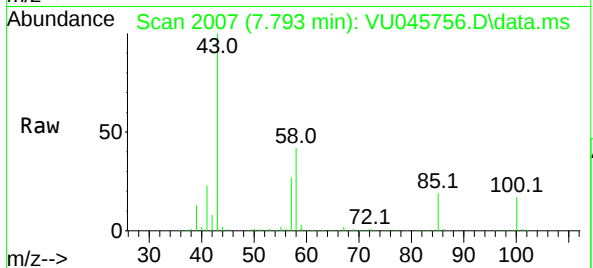
58 42.2 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#52

Toluene

Concen: 53.696 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045756.D

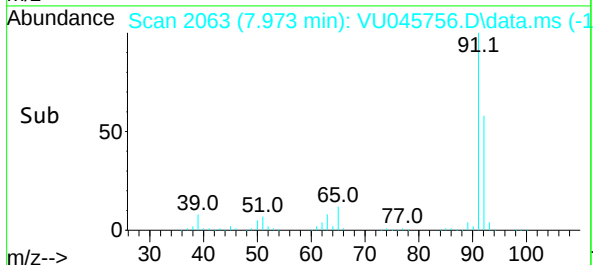
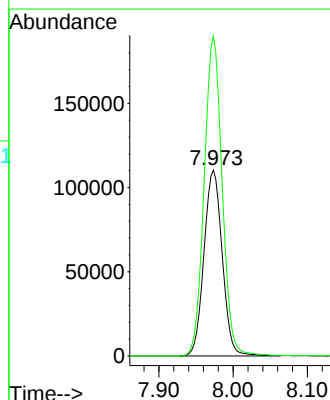
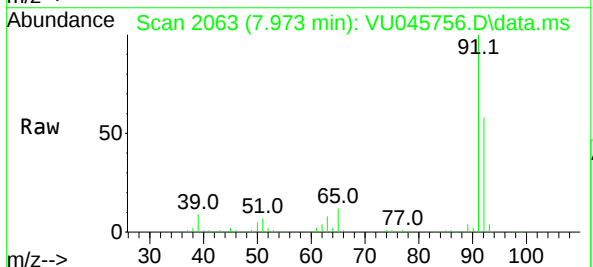
Acq: 12 Nov 2021 09:47

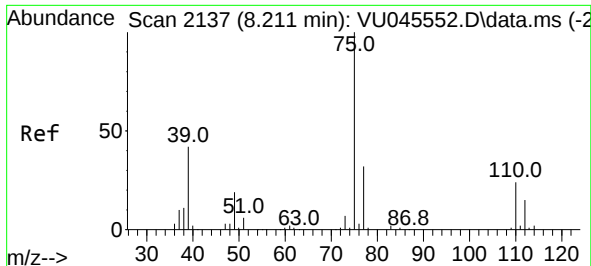
Tgt Ion: 92 Resp: 188331

Ion Ratio Lower Upper

92 100

91 169.9 135.6 203.4





#53
 t-1,3-Dichloropropene
 Concen: 52.733 ug/l
 RT: 8.214 min Scan# 2137
 Delta R.T. 0.003 min
 Lab File: VU045756.D
 Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

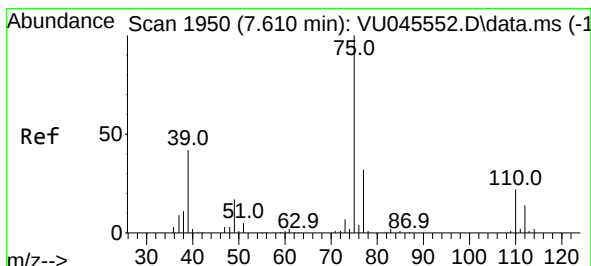
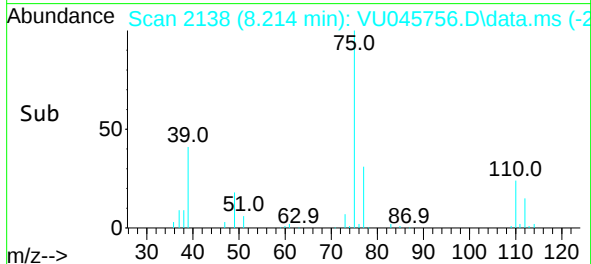
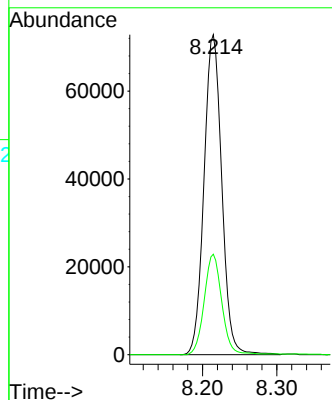
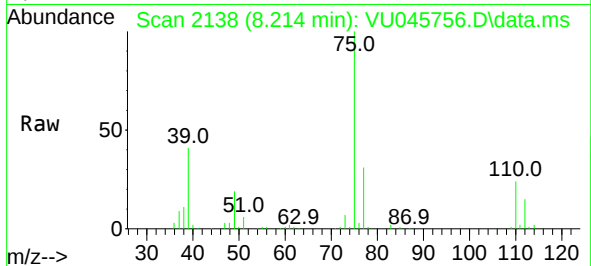
VSTDCCC050

Tgt Ion: 75 Resp: 120775
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.8

Manual Integrations

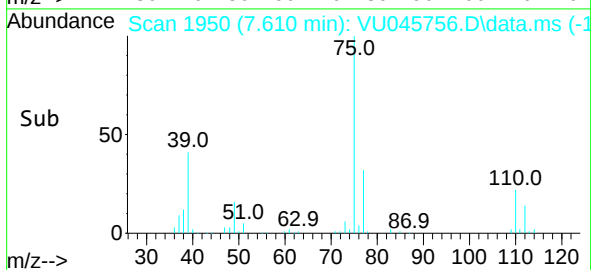
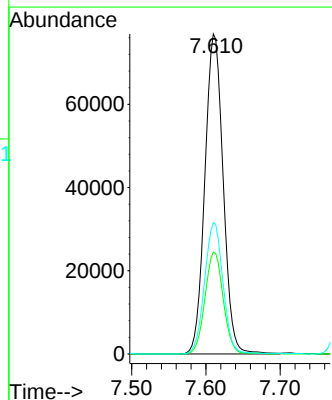
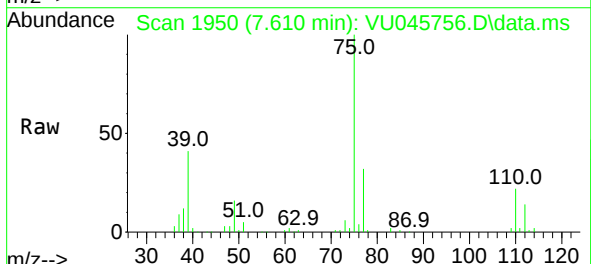
APPROVED

Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#54
 cis-1,3-Dichloropropene
 Concen: 54.110 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045756.D
 Acq: 12 Nov 2021 09:47

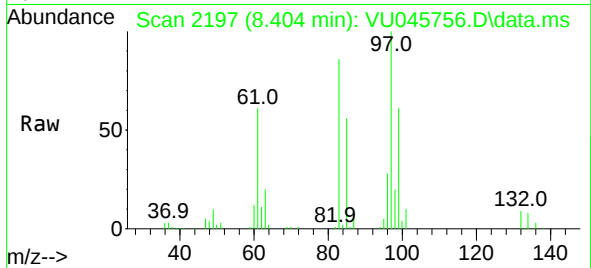
Tgt Ion: 75 Resp: 131635
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 37.0
 39 41.1 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 54.941 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

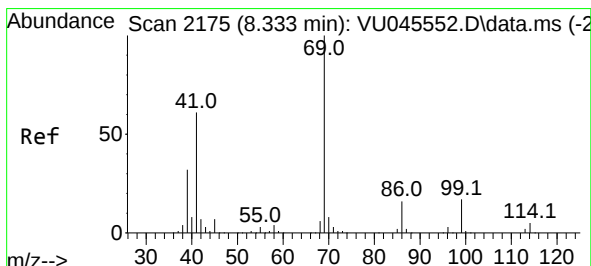
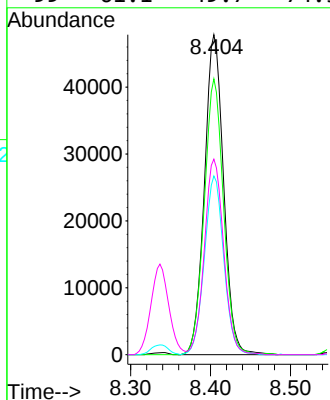
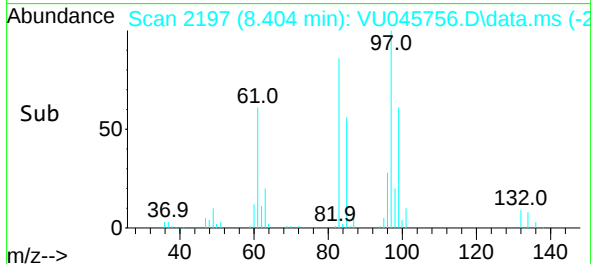
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



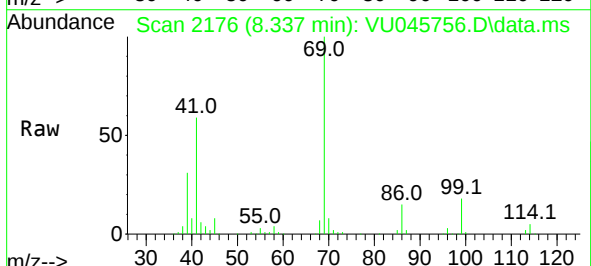
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.3	105.5
85	55.8	45.5	68.3
99	61.1	49.7	74.5

Manual Integrations
APPROVED

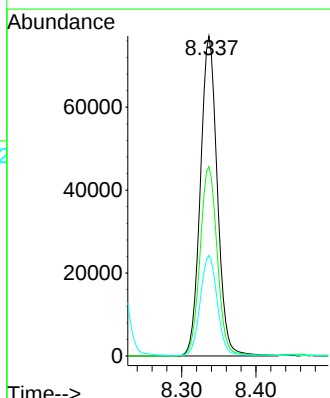
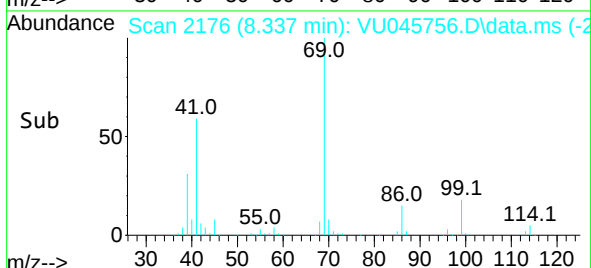
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

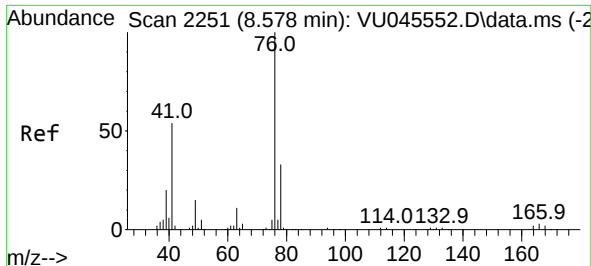


#56
Ethyl methacrylate
Concen: 46.900 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.4	51.0	76.4
39	32.0	26.6	39.8





#57

1,3-Dichloropropane

Concen: 53.403 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 13981

Ion Ratio Lower Upper

76 100

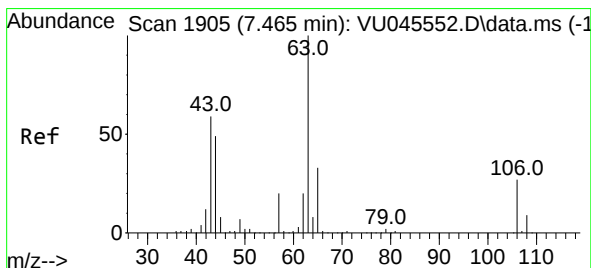
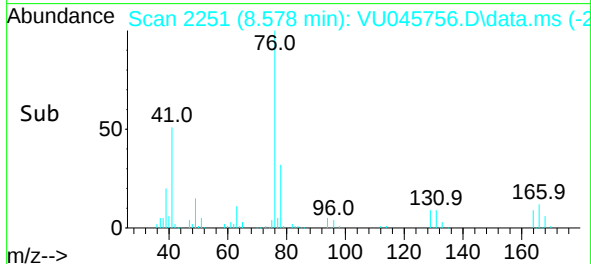
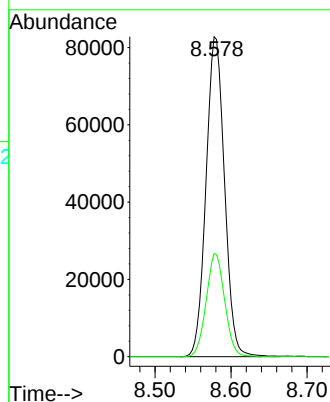
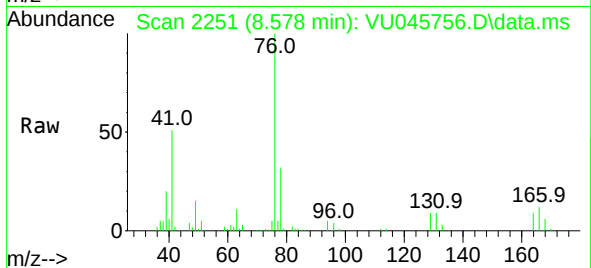
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 208.830 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045756.D

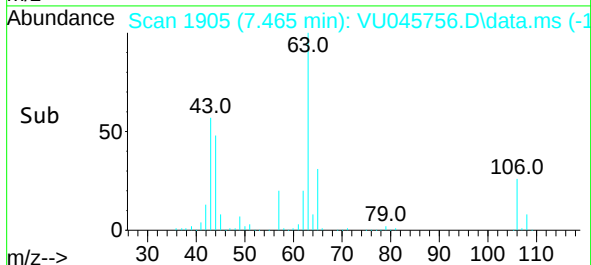
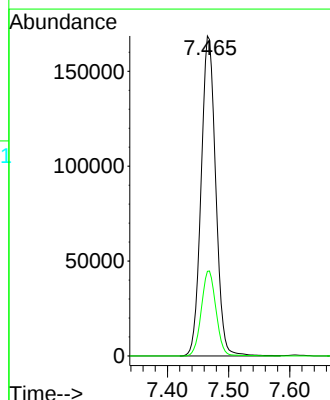
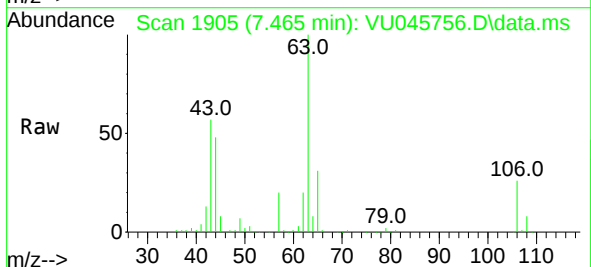
Acq: 12 Nov 2021 09:47

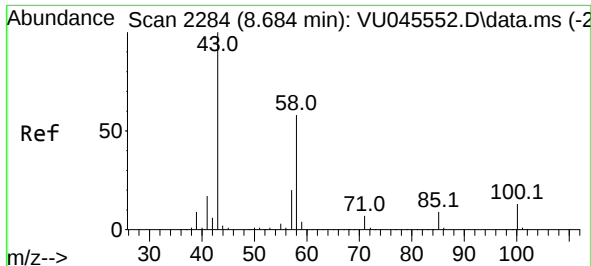
Tgt Ion: 63 Resp: 279466

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4





#59

2-Hexanone

Concen: 240.079 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 46790

Ion Ratio Lower Upper

43 100

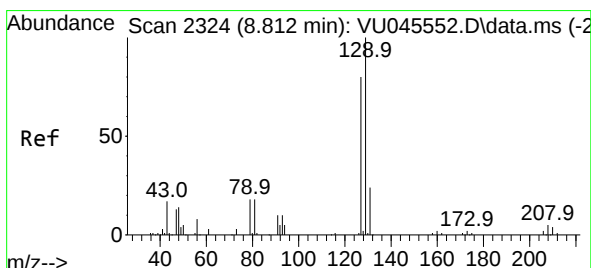
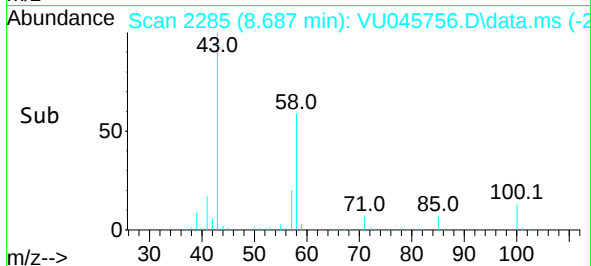
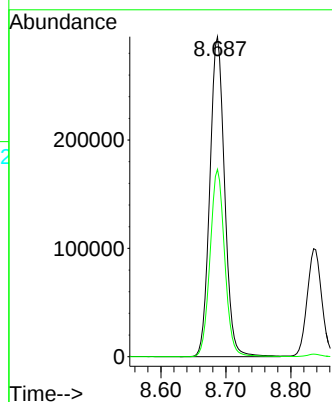
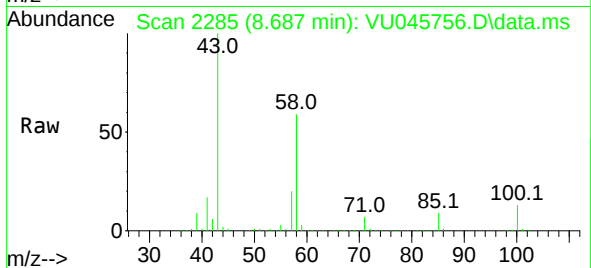
58 58.2 29.5 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#60

Dibromochloromethane

Concen: 55.823 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045756.D

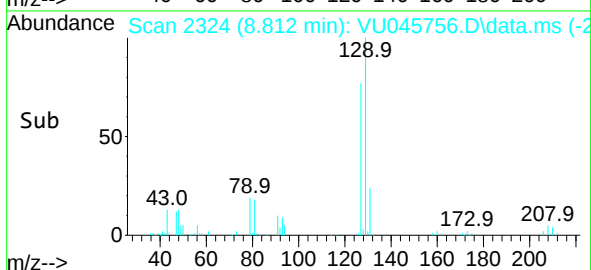
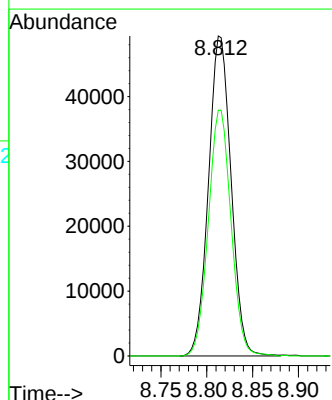
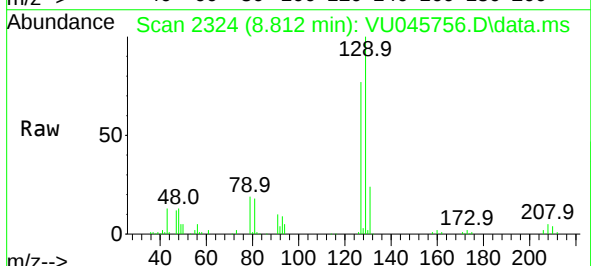
Acq: 12 Nov 2021 09:47

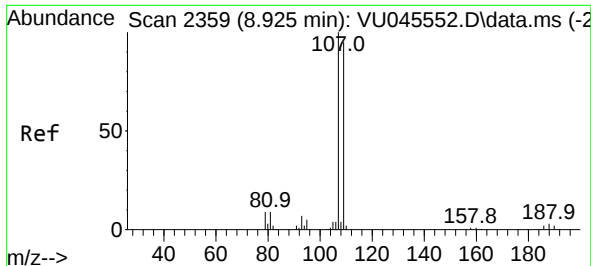
Tgt Ion:129 Resp: 84495

Ion Ratio Lower Upper

129 100

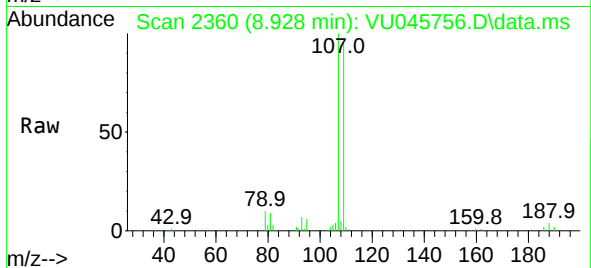
127 77.2 38.5 115.3





#61
1,2-Dibromoethane
Concen: 52.780 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

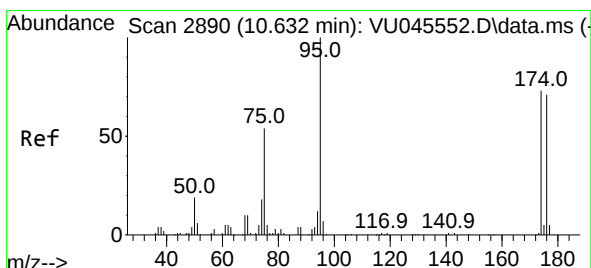
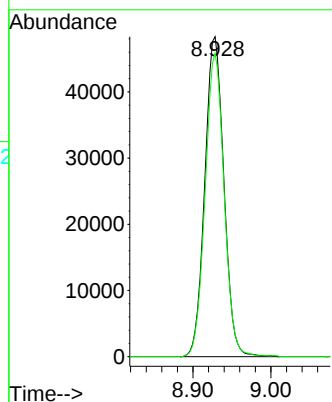
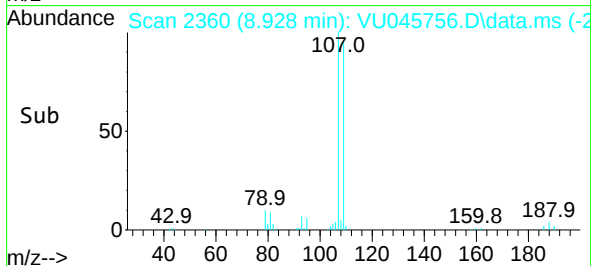
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



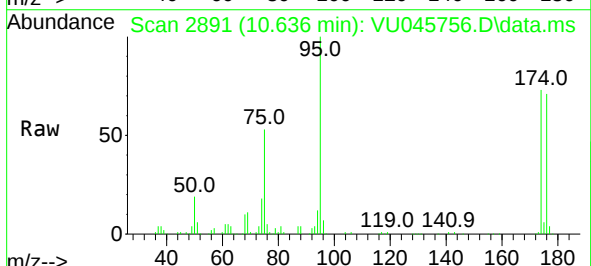
Tgt Ion:107 Resp: 82280
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8

Manual Integrations
APPROVED

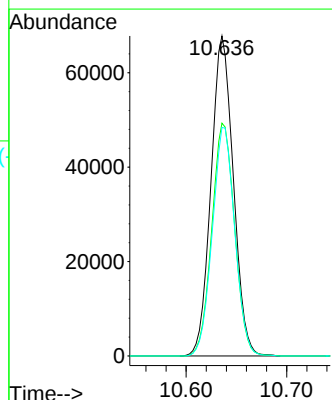
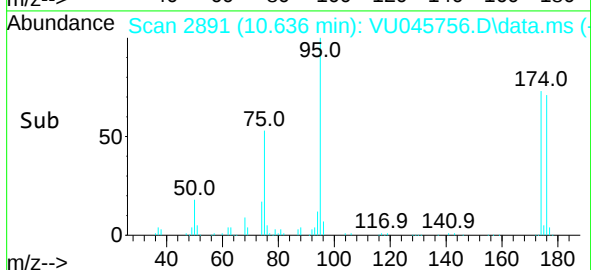
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

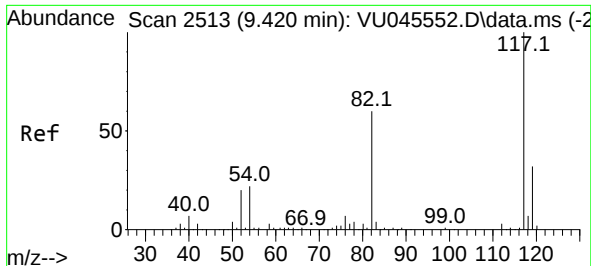


#62
4-Bromofluorobenzene
Concen: 52.974 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47



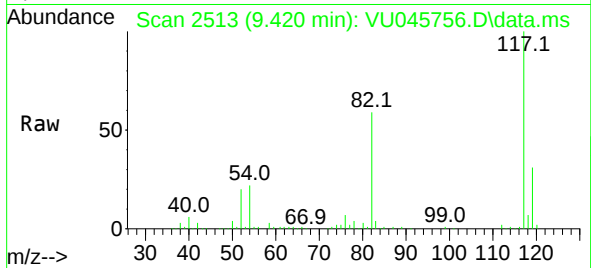
Tgt Ion: 95 Resp: 104656
Ion Ratio Lower Upper
95 100
174 74.2 0.0 141.8
176 71.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

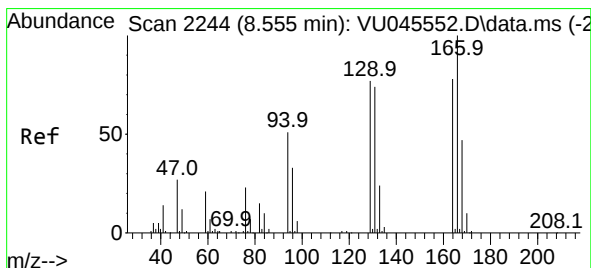
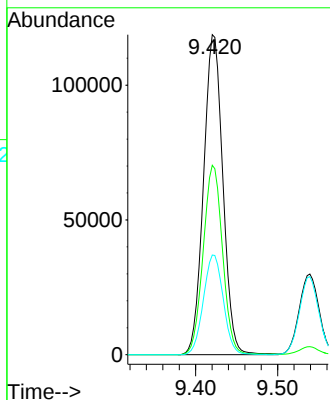
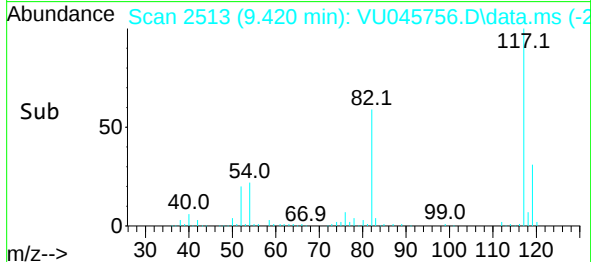
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



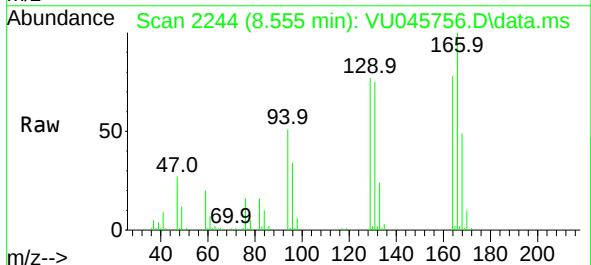
Tgt Ion:117 Resp: 194584
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 31.1 25.8 38.8

Manual Integrations
APPROVED

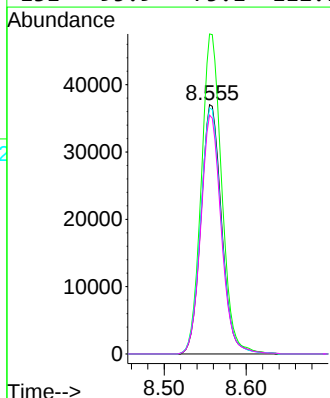
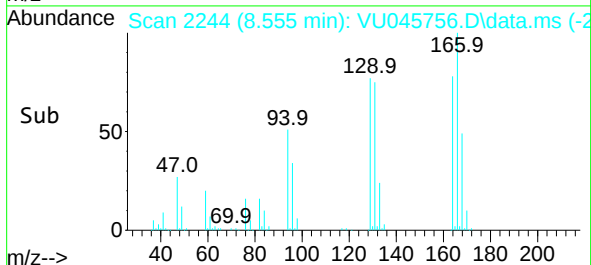
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

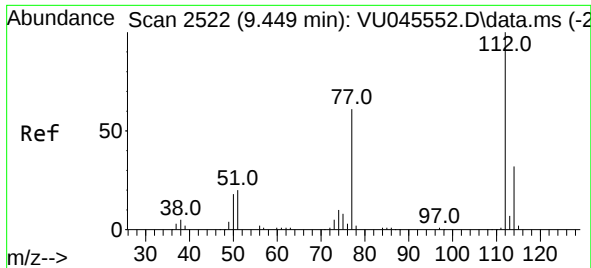


#64
Tetrachloroethene
Concen: 57.920 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47



Tgt Ion:164 Resp: 64687
Ion Ratio Lower Upper
164 100
166 128.4 102.2 153.4
129 98.7 78.2 117.4
131 95.9 75.1 112.7





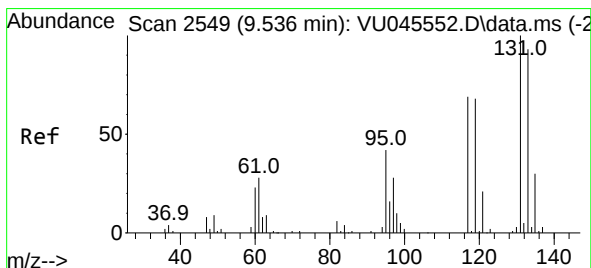
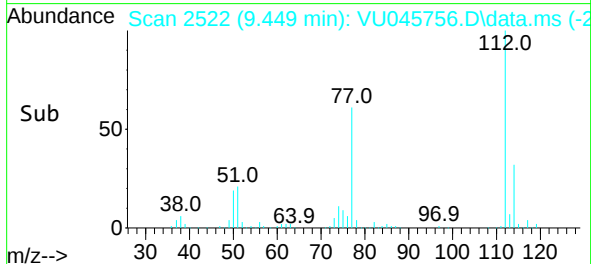
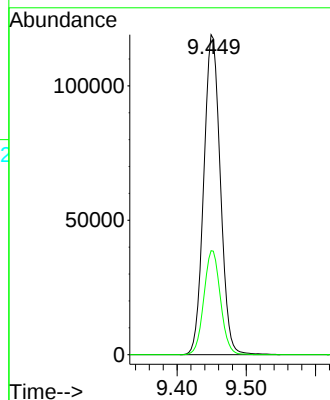
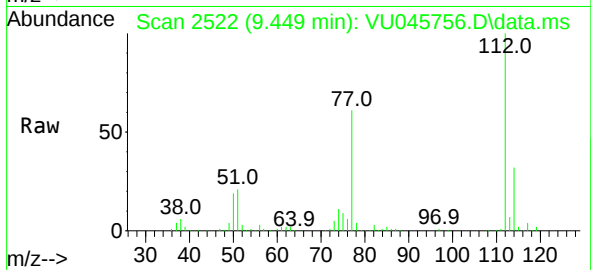
#65
Chlorobenzene
Concen: 51.635 ug/l
RT: 9.449 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 197354
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

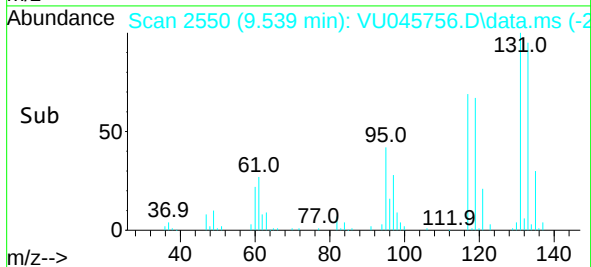
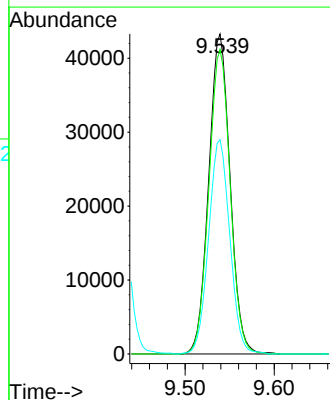
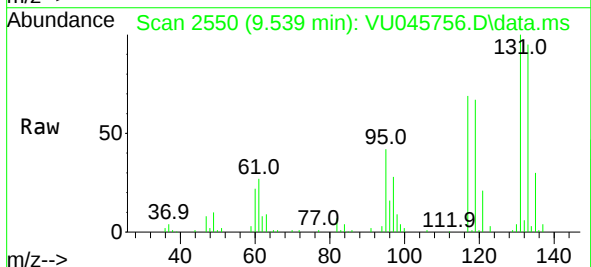
Manual Integrations
APPROVED

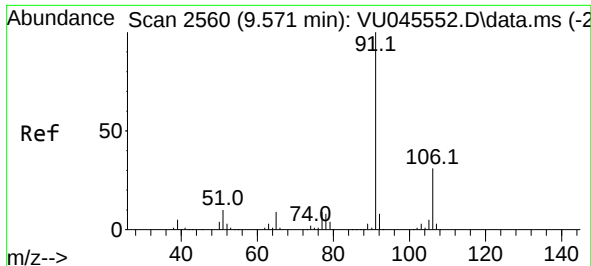
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.813 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Tgt Ion:131 Resp: 71993
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 66.6 34.5 103.6





#67

Ethyl Benzene

Concen: 52.930 ug/l

RT: 9.575 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 362289

Ion Ratio Lower Upper

91 100

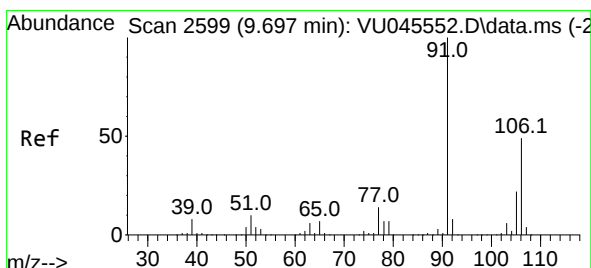
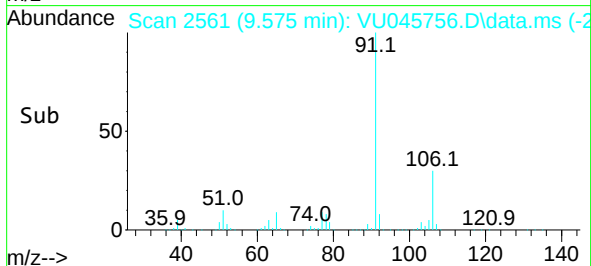
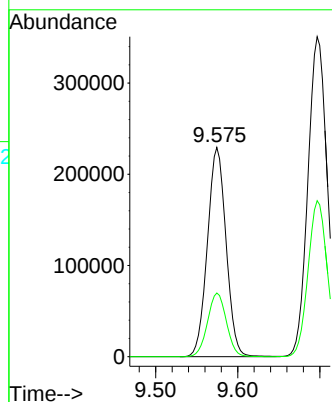
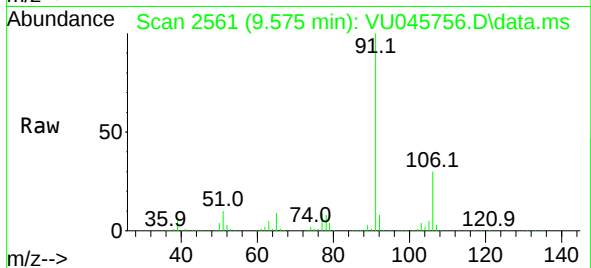
106 30.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#68

m/p-Xylenes

Concen: 108.737 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045756.D

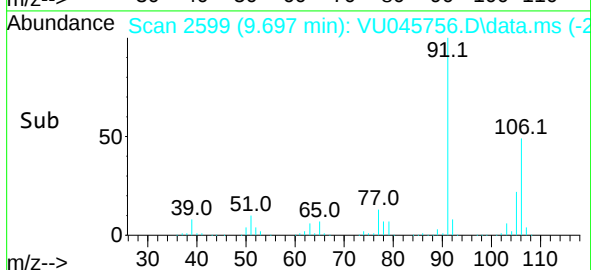
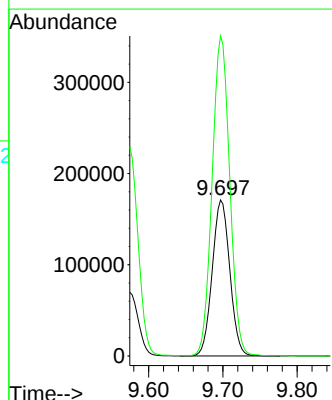
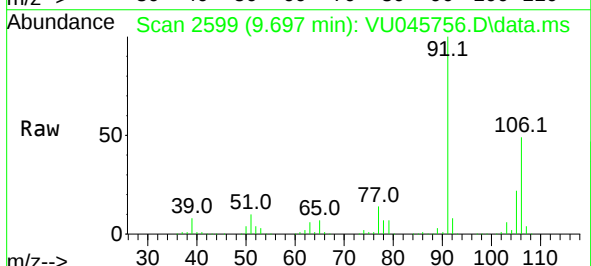
Acq: 12 Nov 2021 09:47

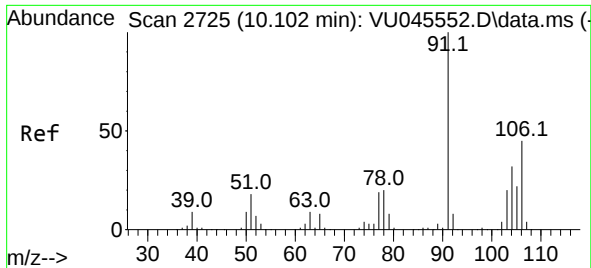
Tgt Ion:106 Resp: 280691

Ion Ratio Lower Upper

106 100

91 205.9 164.7 247.1





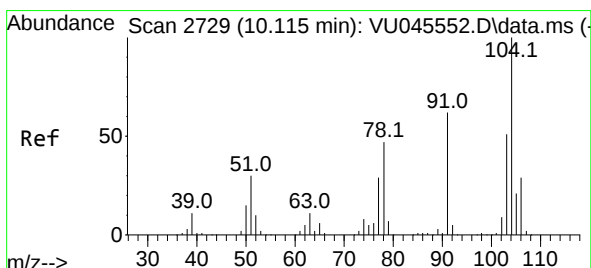
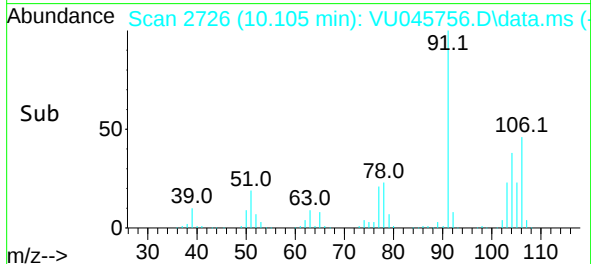
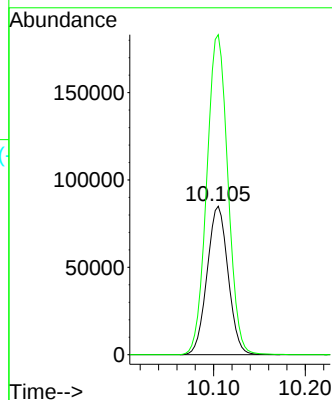
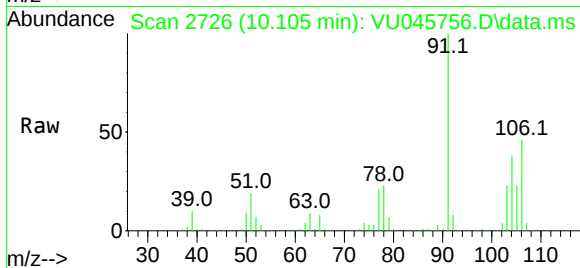
#69
o-Xylene
Concen: 53.916 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 135310
Ion Ratio Lower Upper
106 100
91 217.3 108.7 326.3

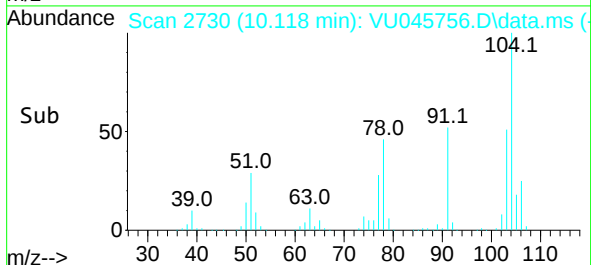
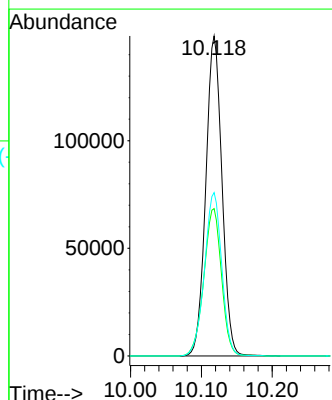
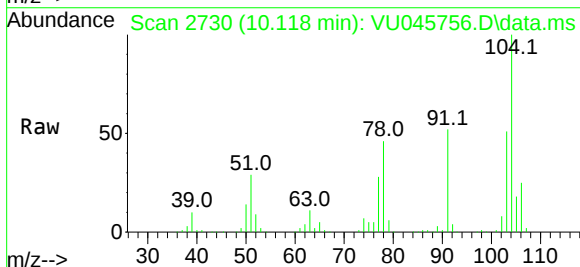
Manual Integrations
APPROVED

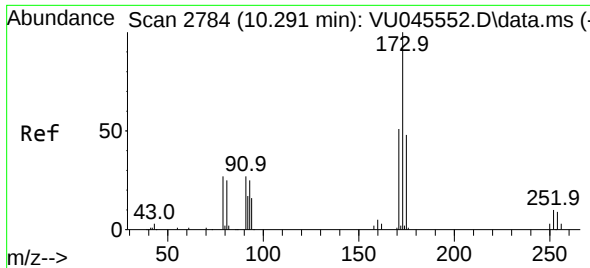
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 55.469 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

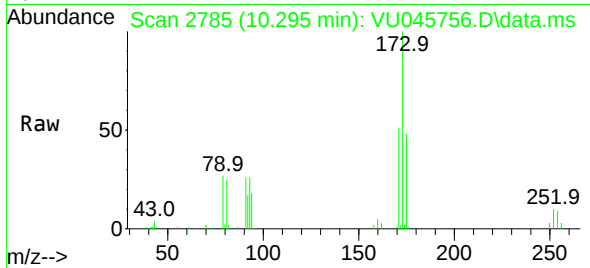
Tgt Ion:104 Resp: 235504
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.6
103 54.7 43.8 65.6





#71
Bromoform
Concen: 47.755 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

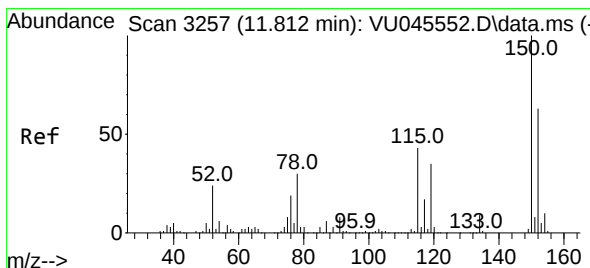
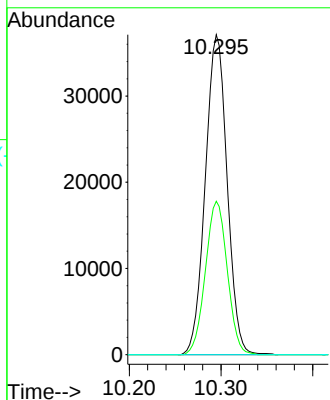
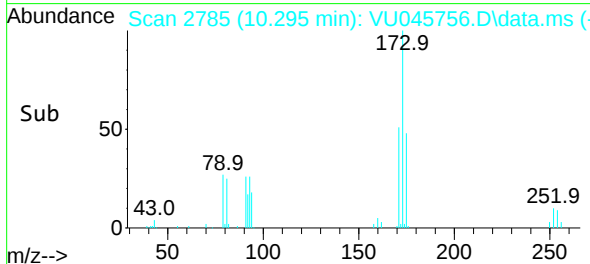
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



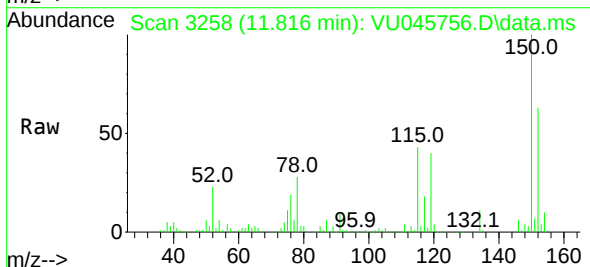
Tgt Ion:173 Resp: 61424
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

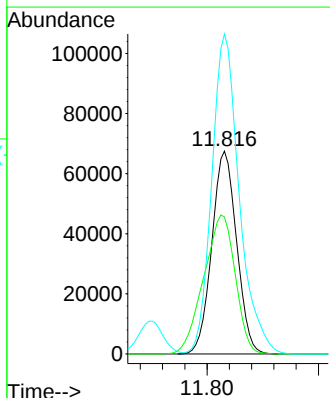
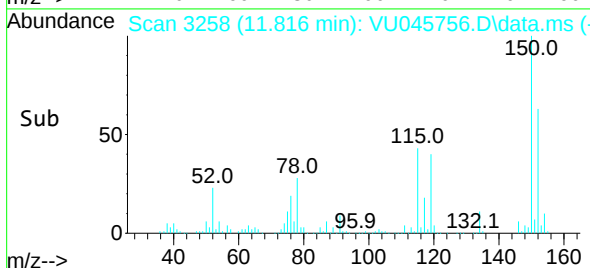
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

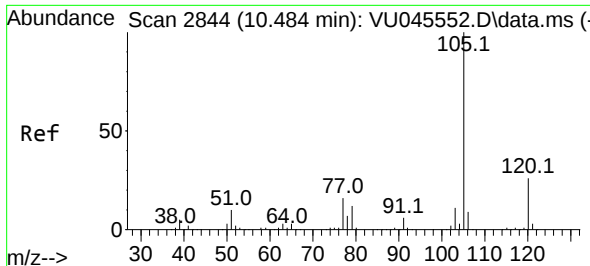


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47



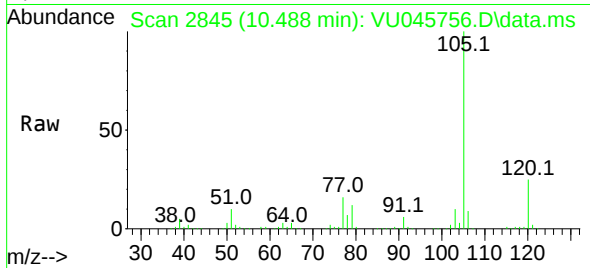
Tgt Ion:152 Resp: 104269
Ion Ratio Lower Upper
152 100
115 87.1 42.7 128.1
150 174.9 0.0 346.8





#73
Isopropylbenzene
Concen: 53.200 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

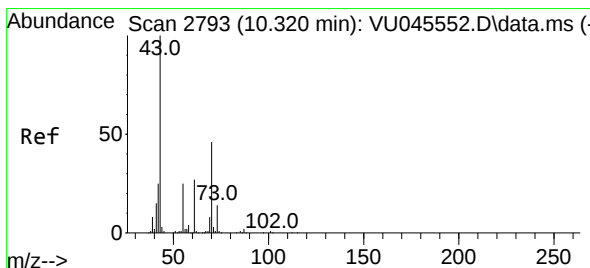
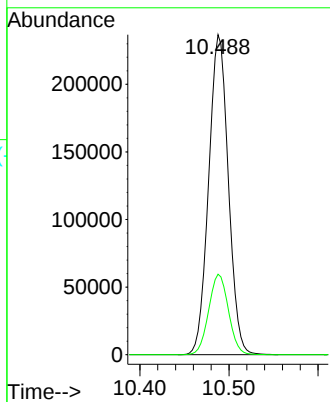
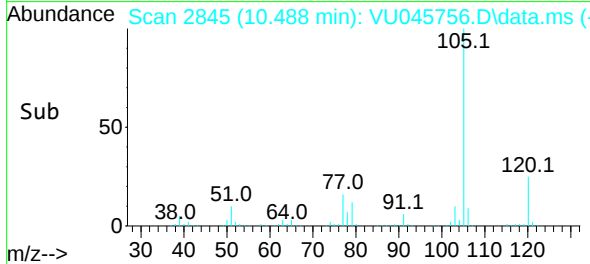
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 36244
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6

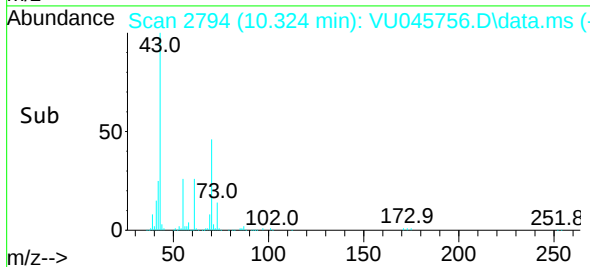
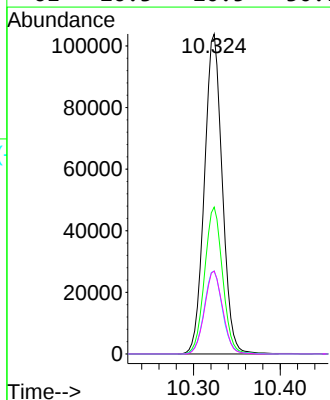
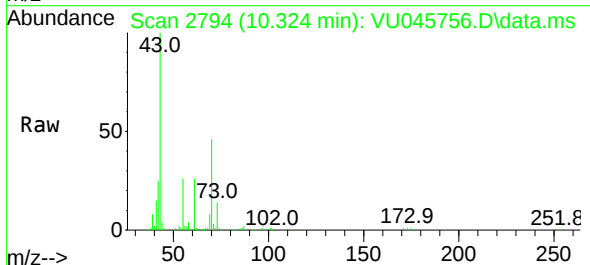
Manual Integrations
APPROVED

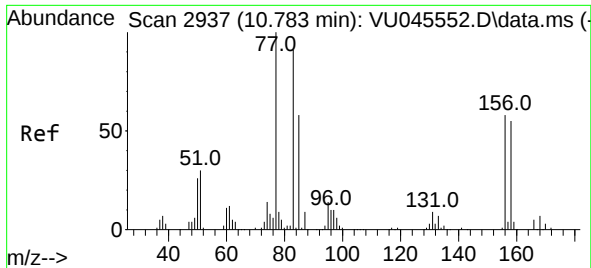
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#74
N-ethyl acetate
Concen: 48.410 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

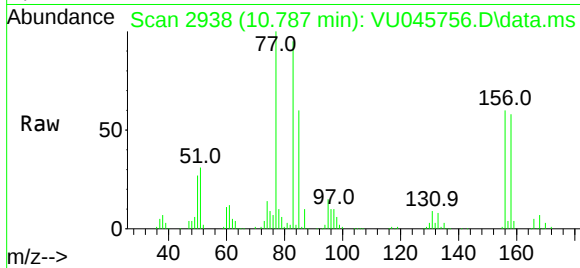
Tgt Ion: 43 Resp: 148784
Ion Ratio Lower Upper
43 100
70 46.3 36.9 55.3
55 26.6 20.6 31.0
61 26.3 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.861 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

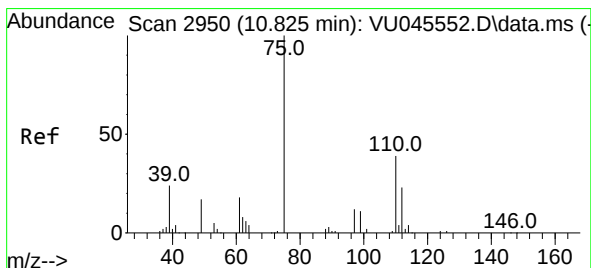
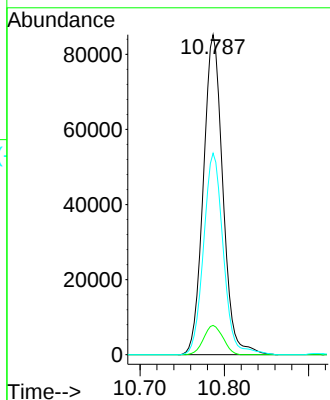
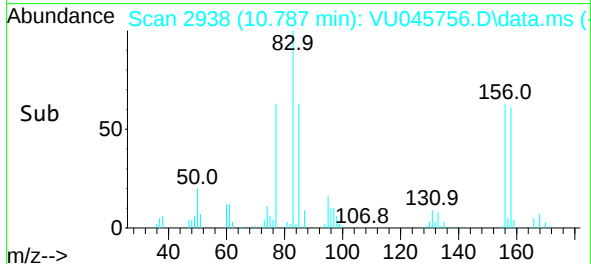
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 137285
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 63.7 31.9 95.9

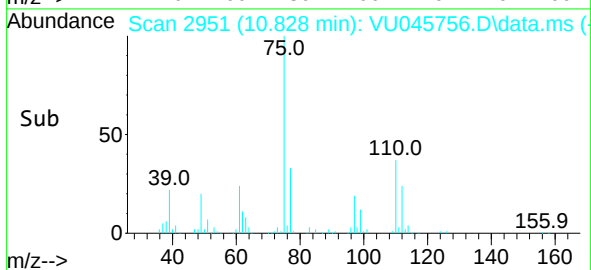
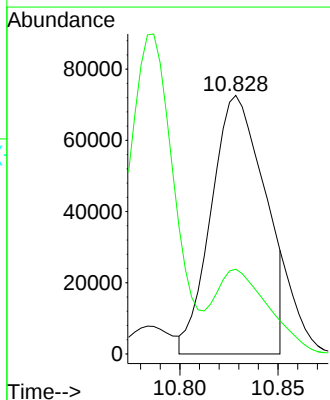
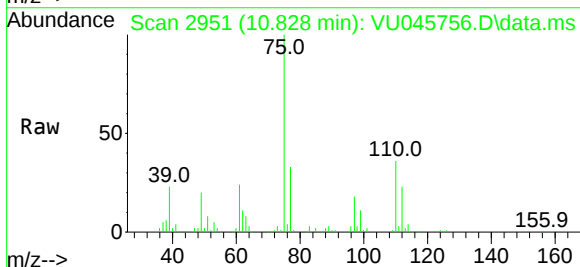
Manual Integrations
APPROVED

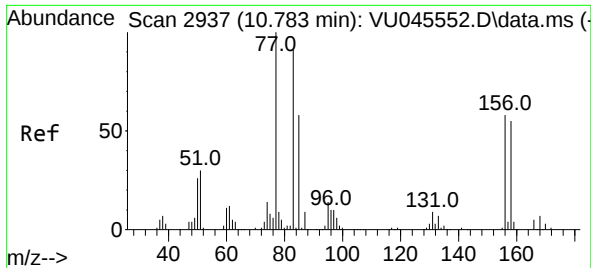
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 43.226 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

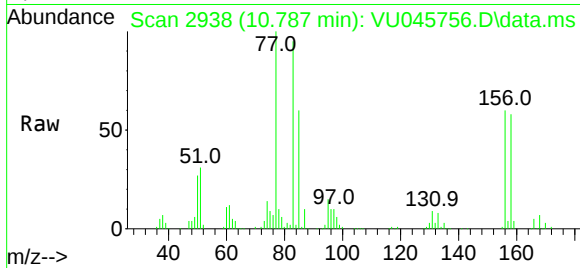
Tgt Ion: 75 Resp: 136683
Ion Ratio Lower Upper
75 100
77 32.9 17.1 51.3





#77
Bromobenzene
Concen: 50.760 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

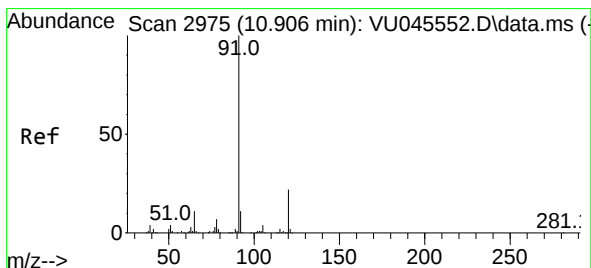
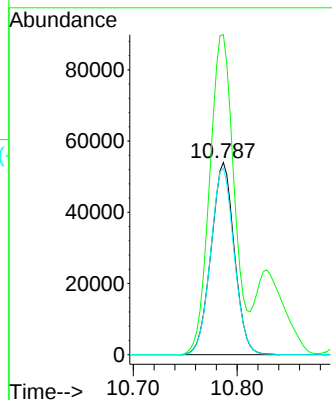
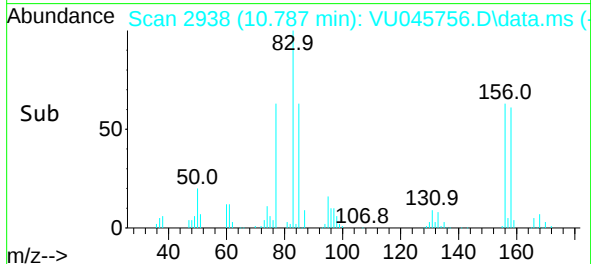
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



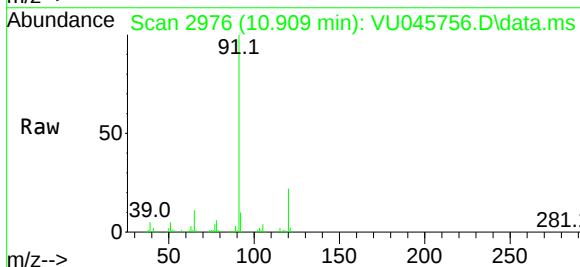
Tgt Ion:156 Resp: 8396
Ion Ratio Lower Upper
156 100
77 175.0 91.1 273.4
158 98.0 47.9 143.6

Manual Integrations
APPROVED

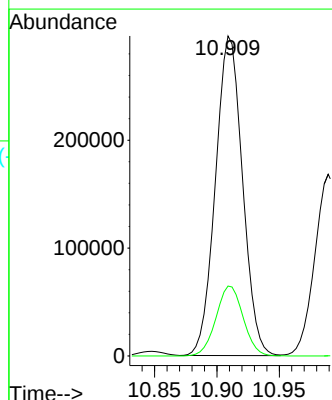
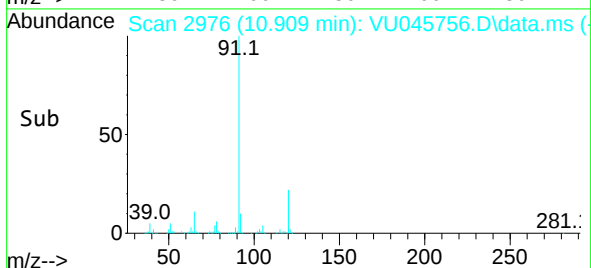
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

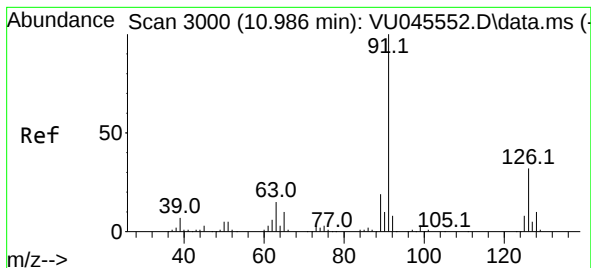


#78
n-propylbenzene
Concen: 52.791 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47



Tgt Ion: 91 Resp: 447627
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.7





#79

2-Chlorotoluene

Concen: 52.322 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 262115

Ion Ratio Lower Upper

91 100

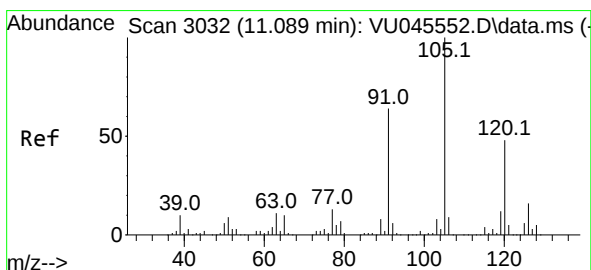
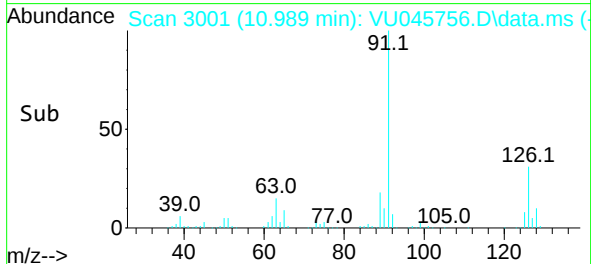
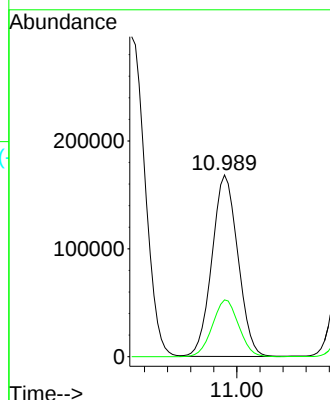
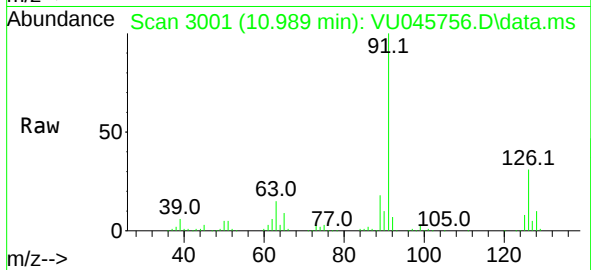
126 31.7 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#80

1,3,5-Trimethylbenzene

Concen: 53.186 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU045756.D

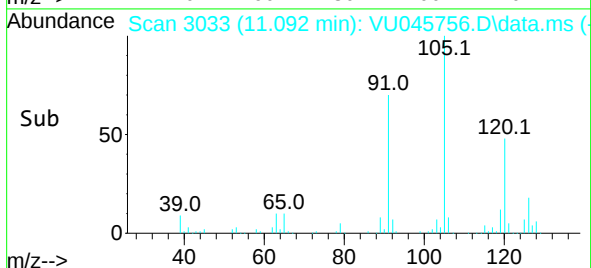
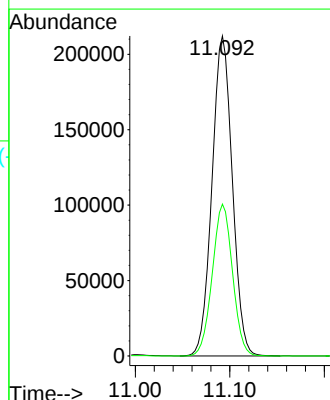
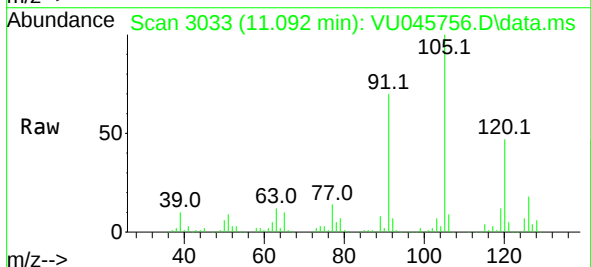
Acq: 12 Nov 2021 09:47

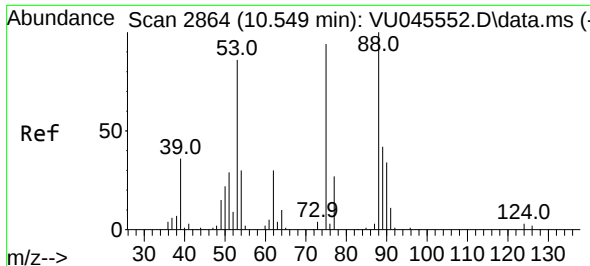
Tgt Ion:105 Resp: 316589

Ion Ratio Lower Upper

105 100

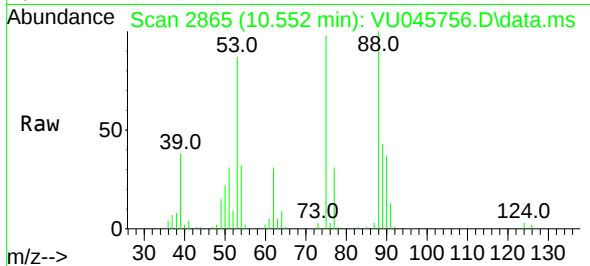
120 47.3 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 41.856 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

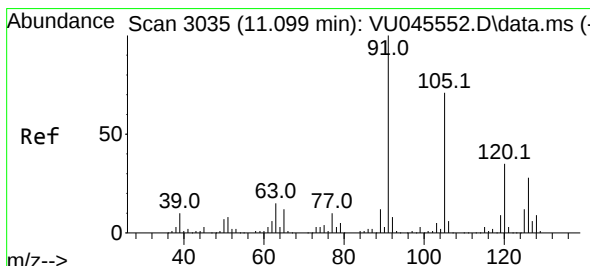
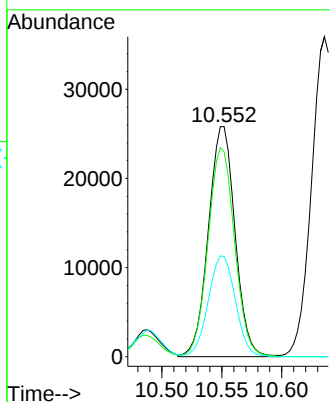
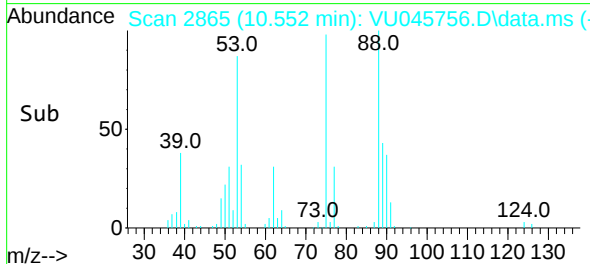
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 39900
Ion Ratio Lower Upper
75 100
53 90.8 76.2 114.4
89 44.5 34.0 51.0

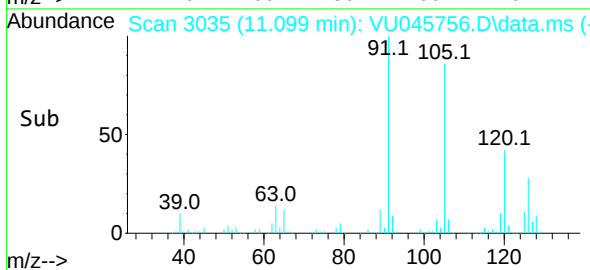
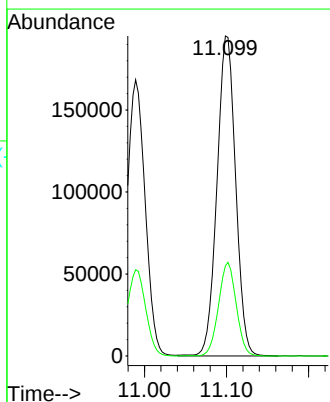
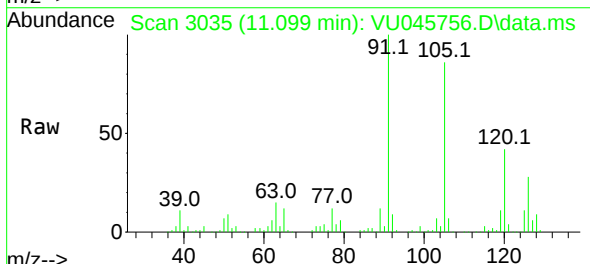
Manual Integrations
APPROVED

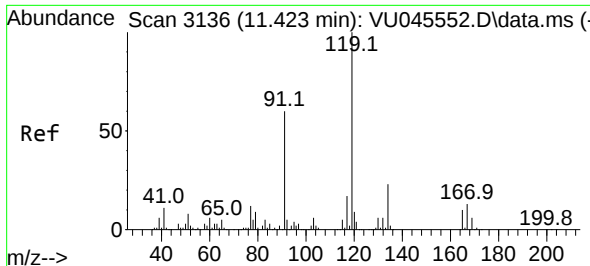
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 52.484 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

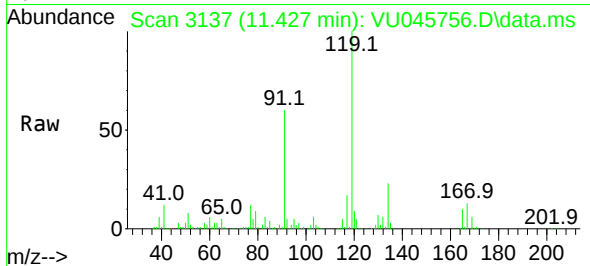
Tgt Ion: 91 Resp: 308350
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4





#83
tert-Butylbenzene
Concen: 52.393 ug/l
RT: 11.427 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

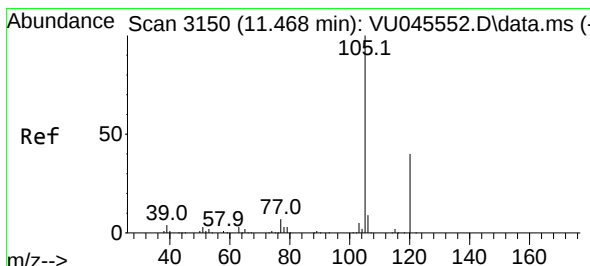
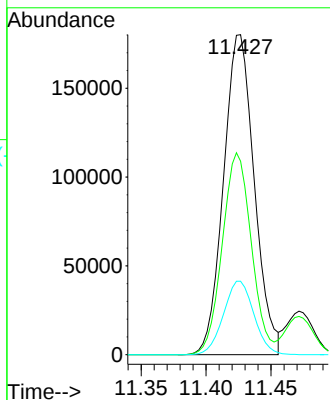
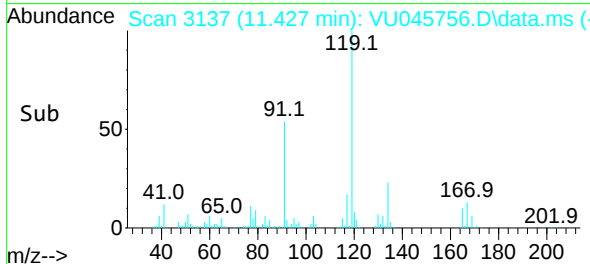
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



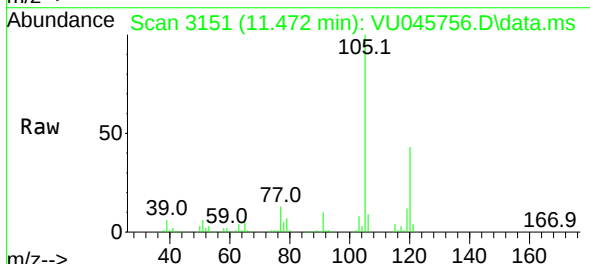
Tgt Ion:119 Resp: 29728
Ion Ratio Lower Upper
119 100
91 59.6 30.5 91.5
134 22.7 11.5 34.5

Manual Integrations
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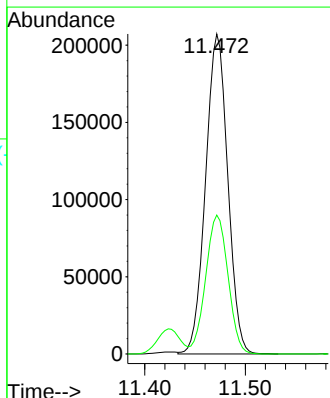
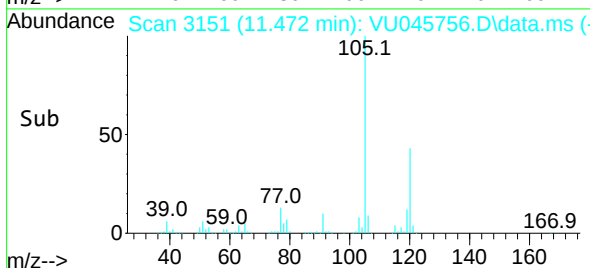
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

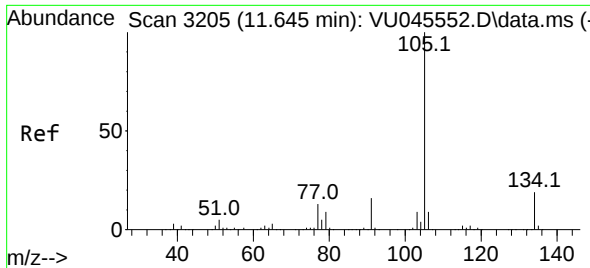


#84
1,2,4-Trimethylbenzene
Concen: 53.630 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47



Tgt Ion:105 Resp: 317272
Ion Ratio Lower Upper
105 100
120 43.9 22.2 66.6





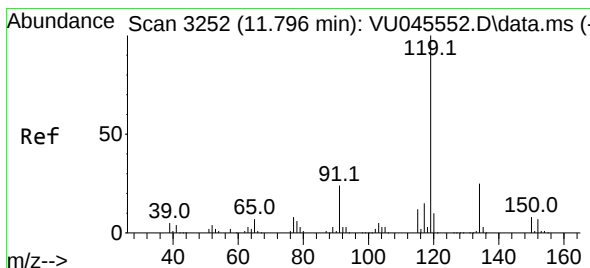
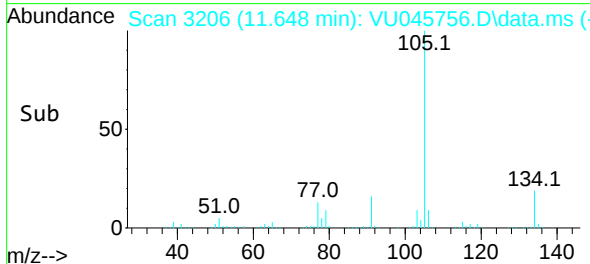
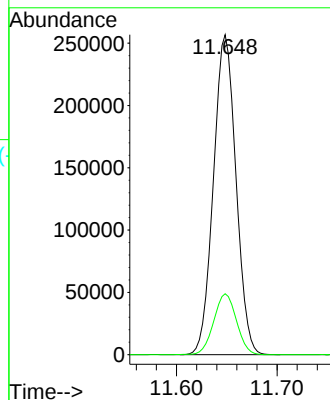
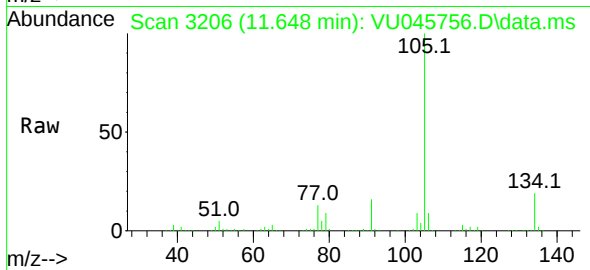
#85
 sec-Butylbenzene
 Concen: 53.078 ug/l
 RT: 11.648 min Scan# 3205
 Delta R.T. 0.003 min
 Lab File: VU045756.D
 Acq: 12 Nov 2021 09:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 399428
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.4 28.3

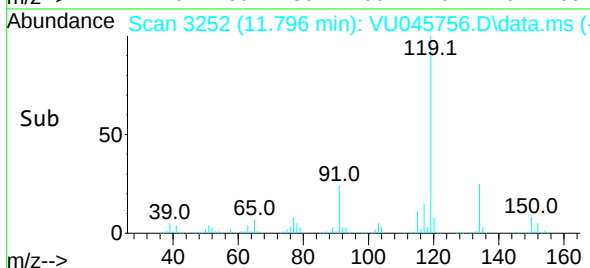
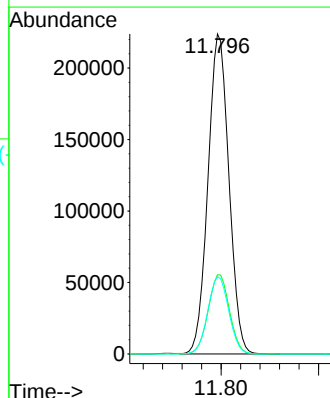
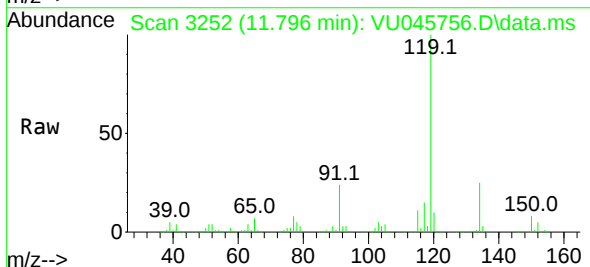
Manual Integrations
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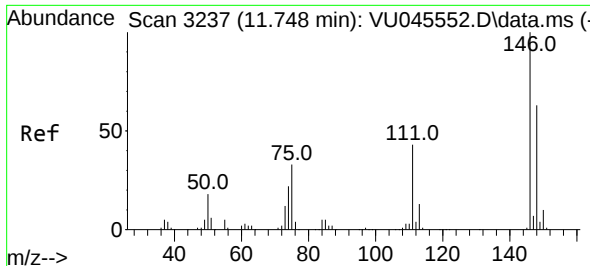
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#86
 p-Isopropyltoluene
 Concen: 53.062 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045756.D
 Acq: 12 Nov 2021 09:47

Tgt Ion:119 Resp: 333682
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 24.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 49.952 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 166712

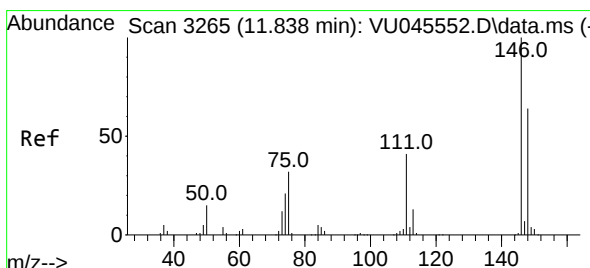
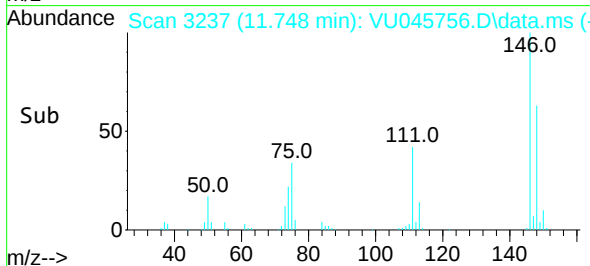
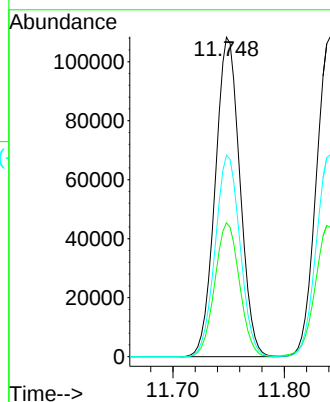
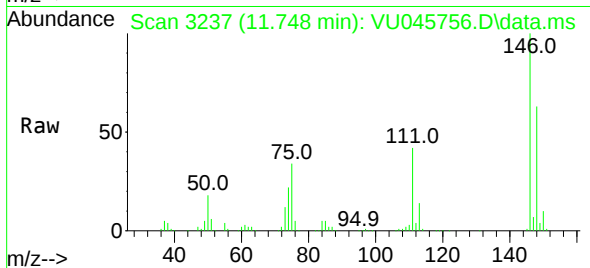
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.9
148	63.6	31.7	95.1

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#88

1,4-Dichlorobenzene

Concen: 50.318 ug/l

RT: 11.841 min Scan# 3266

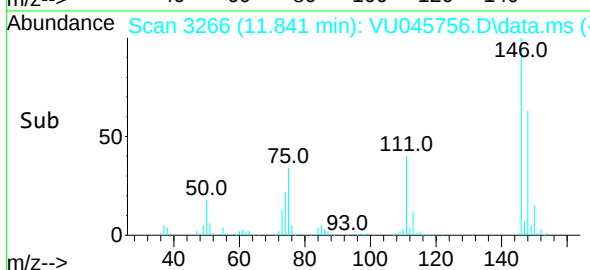
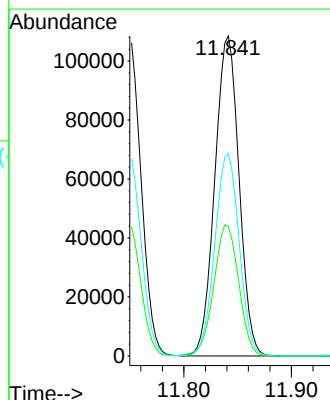
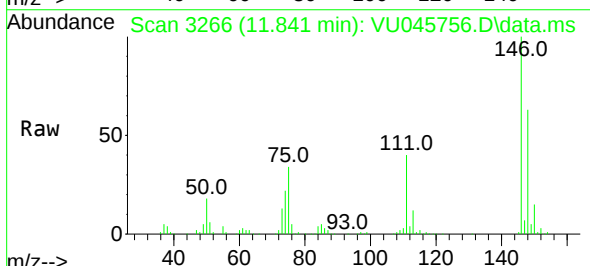
Delta R.T. 0.003 min

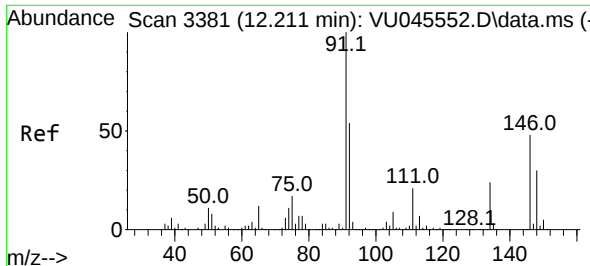
Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

Tgt Ion:146 Resp: 169847

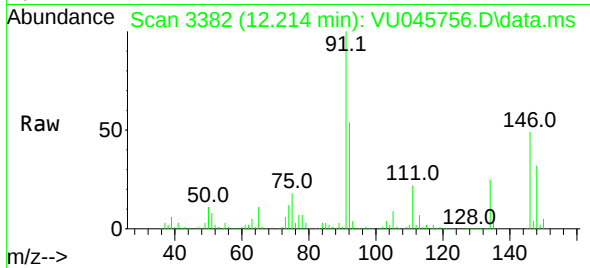
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.6	61.9
148	63.7	31.9	95.7





#89
n-Butylbenzene
Concen: 51.908 ug/l
RT: 12.214 min Scan# 3114
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

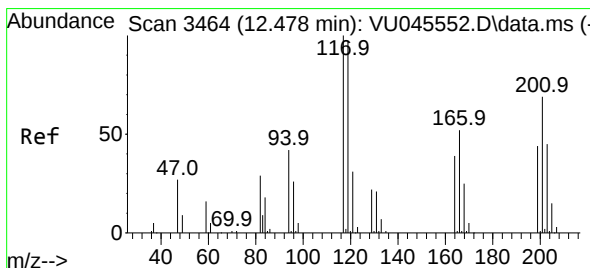
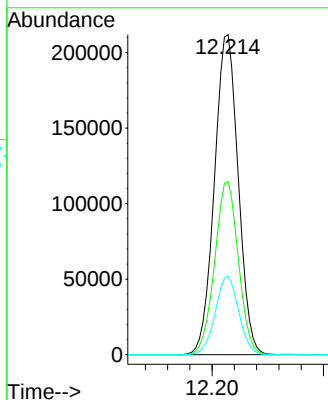
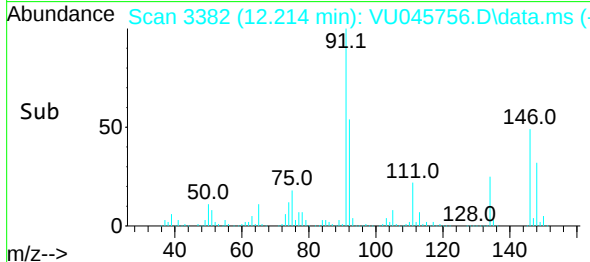
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 314444
Ion Ratio Lower Upper
91 100
92 53.8 27.1 81.2
134 24.2 11.8 35.4

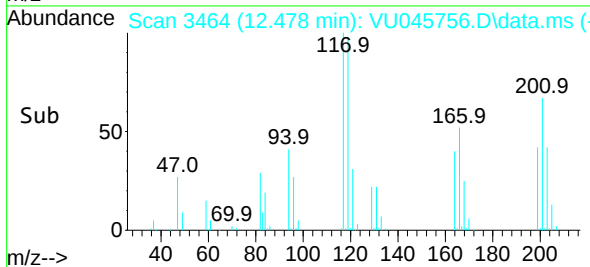
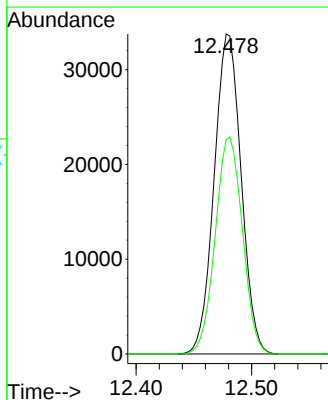
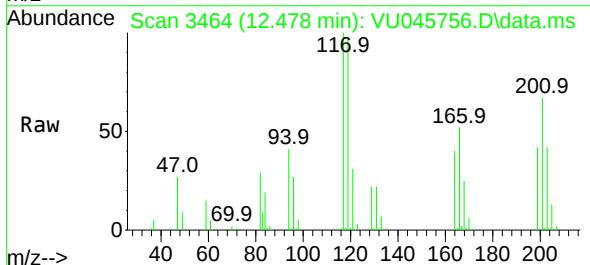
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 48.302 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

Tgt Ion:117 Resp: 54795
Ion Ratio Lower Upper
117 100
201 68.3 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 51.407 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU045756.D

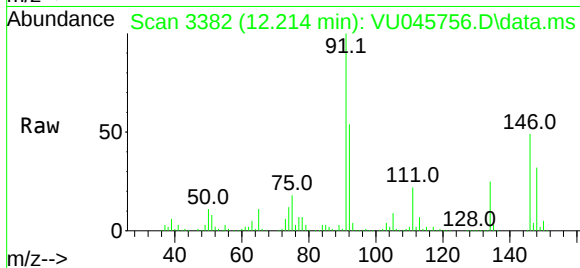
Acq: 12 Nov 2021 09:47

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050



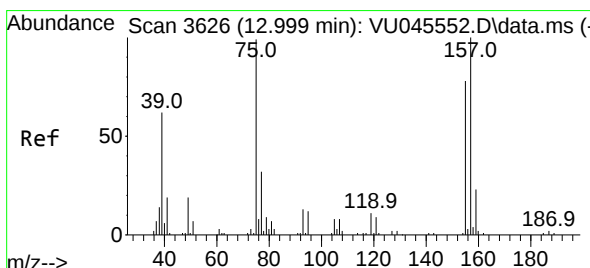
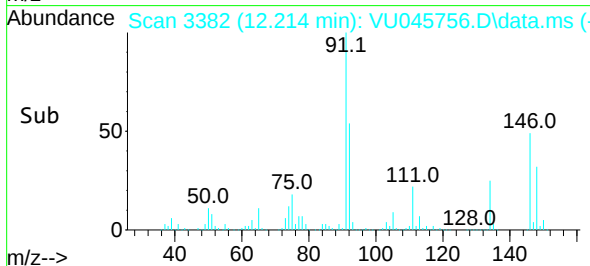
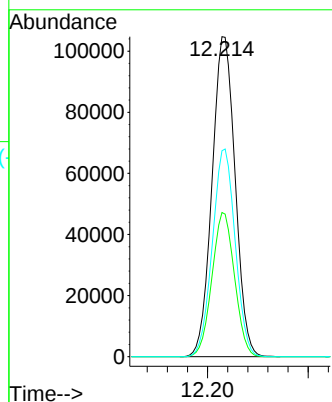
Tgt Ion:	146	Resp:	16692
Ion Ratio	100	Lower	Upper
146	100		
111	44.0	21.9	65.5
148	64.1	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.960 ug/l

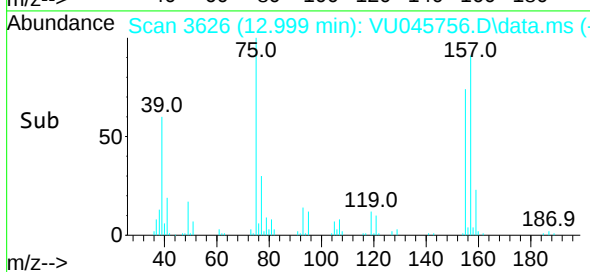
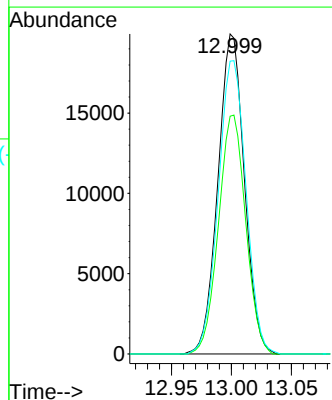
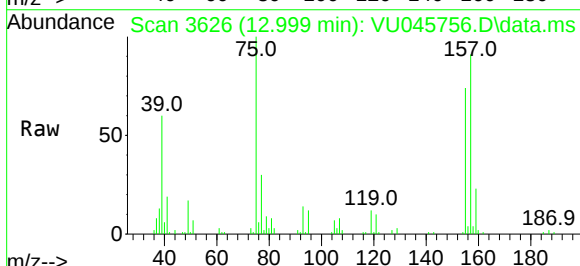
RT: 12.999 min Scan# 3626

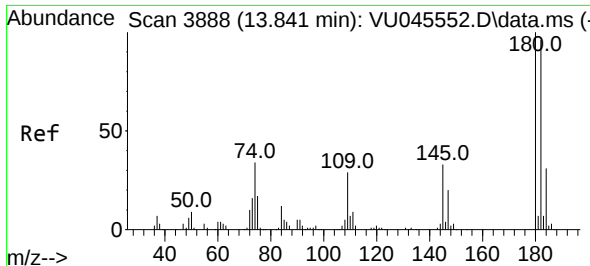
Delta R.T. 0.000 min

Lab File: VU045756.D

Acq: 12 Nov 2021 09:47

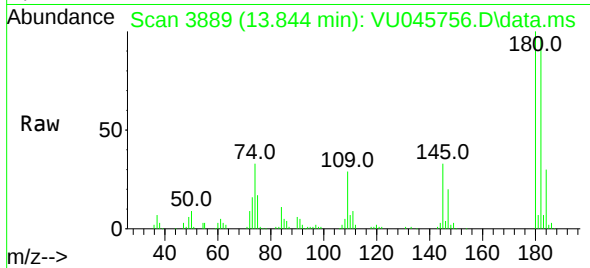
Tgt Ion:	75	Resp:	30546
Ion Ratio	100	Lower	Upper
75	100		
155	76.8	37.8	113.3
157	96.1	48.4	145.2





#93
1,2,4-Trichlorobenzene
Concen: 49.787 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

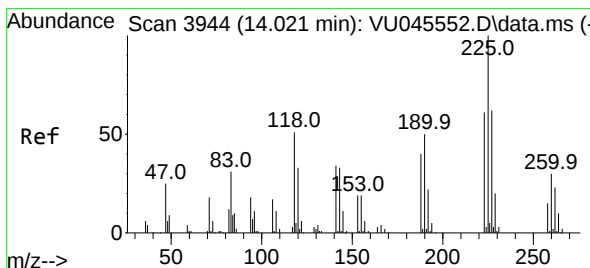
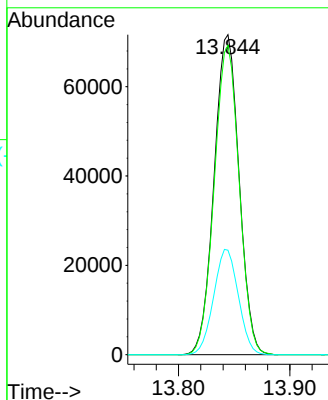
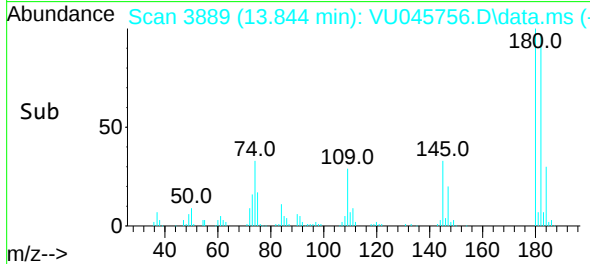
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



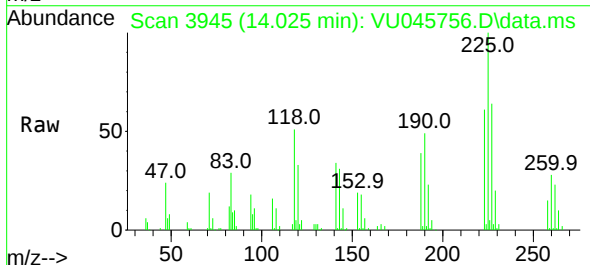
Tgt Ion:180 Resp: 111778
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.2
145 32.5 15.6 46.7

Manual Integrations
APPROVED

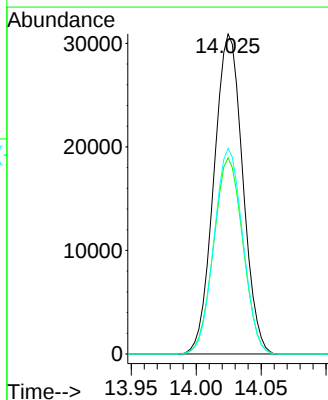
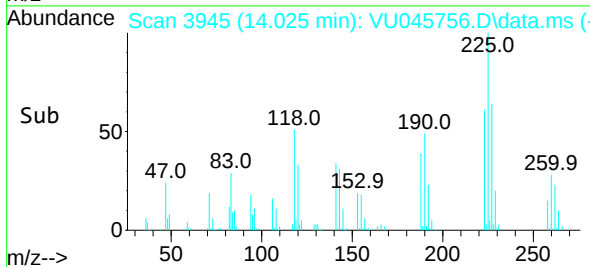
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

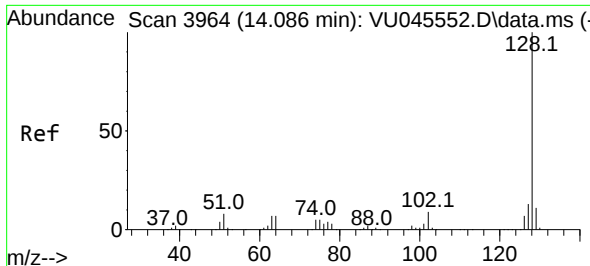


#94
Hexachlorobutadiene
Concen: 49.151 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47



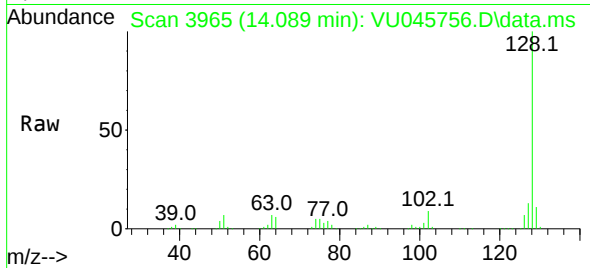
Tgt Ion:225 Resp: 47633
Ion Ratio Lower Upper
225 100
223 62.2 32.0 96.2
227 64.2 31.1 93.5





#95
Naphthalene
Concen: 46.958 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47

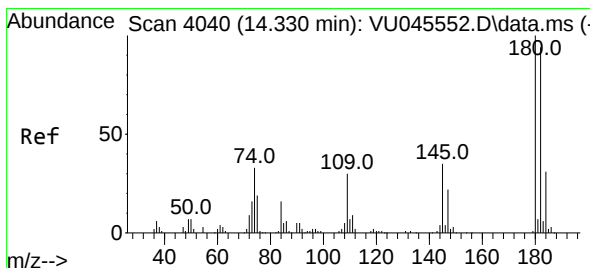
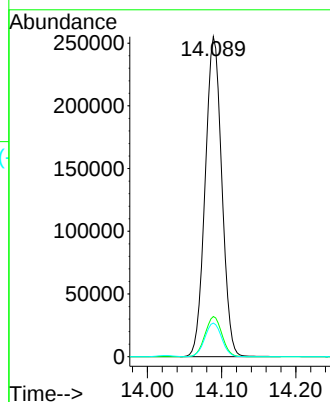
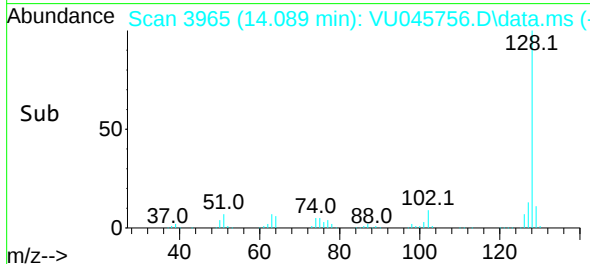
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



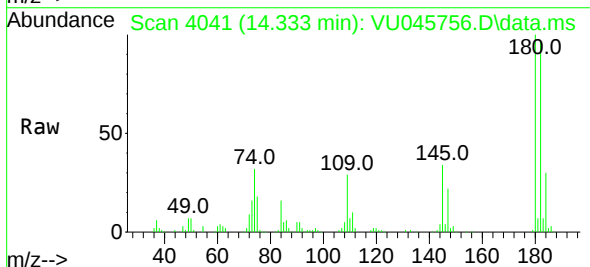
Tgt Ion:128 Resp: 39579
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 50.814 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045756.D
Acq: 12 Nov 2021 09:47



Tgt Ion:180 Resp: 113315
Ion Ratio Lower Upper
180 100
182 96.2 47.7 143.1
145 34.2 16.7 50.0

