

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045646.D
 Acq On : 09 Nov 2021 03:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 11:18:07 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	5.375	168	134240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	248311	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	239350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	123747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	105540	52.497	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.000%			
35) Dibromofluoromethane	5.292	113	82586	49.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.640%			
50) Toluene-d8	7.899	98	309018	50.127	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.260%			
62) 4-Bromofluorobenzene	10.632	95	122878	49.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	83178	47.790	ug/l	99
3) Chloromethane	1.520	50	89198	44.791	ug/l	100
4) Vinyl Chloride	1.604	62	98300	50.673	ug/l	99
5) Bromomethane	1.845	94	57341	52.995	ug/l	98
6) Chloroethane	1.929	64	60432	47.735	ug/l	98
7) Trichlorofluoromethane	2.138	101	126422	49.283	ug/l	99
8) Diethyl Ether	2.379	74	50771	49.999	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	71731	47.888	ug/l	97
10) Methyl Iodide	2.723	142	82831	42.256	ug/l	92
11) Tert butyl alcohol	3.176	59	106500	267.640	ug/l	100
12) 1,1-Dichloroethene	2.581	96	72667	49.203	ug/l	96
13) Acrolein	2.485	56	15244	264.359	ug/l	100
14) Allyl chloride	2.925	41	129188	48.989	ug/l	99
15) Acrylonitrile	3.311	53	277067	260.791	ug/l	99
16) Acetone	2.623	43	220501	215.461	ug/l	99
17) Carbon Disulfide	2.794	76	189369	45.778	ug/l	99
18) Methyl Acetate	2.945	43	179397	51.467	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	276601	52.030	ug/l	98
20) Methylene Chloride	3.048	84	88369	49.695	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	77859	50.674	ug/l	99
22) Diisopropyl ether	3.996	45	273331	52.788	ug/l	90
23) Vinyl Acetate	3.957	43	1060311	266.249	ug/l	99
24) 1,1-Dichloroethane	3.871	63	157274	50.971	ug/l	99
25) 2-Butanone	4.700	43	360540	254.008	ug/l	99
26) 2,2-Dichloropropane	4.668	77	95847	37.486	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	93086	51.582	ug/l	97
28) Bromochloromethane	4.977	49	69286	47.101	ug/l	98
29) Tetrahydrofuran	5.047	42	231803	266.985	ug/l	100
30) Chloroform	5.092	83	155273	50.882	ug/l	100
31) Cyclohexane	5.391	56	136542	46.548	ug/l	97
32) 1,1,1-Trichloroethane	5.318	97	134784	51.794	ug/l	97
36) 1,1-Dichloropropene	5.530	75	115198	47.579	ug/l	100
37) Ethyl Acetate	4.803	43	138237	49.703	ug/l	100
38) Carbon Tetrachloride	5.527	117	114916	47.078	ug/l	100
39) Methylcyclohexane	6.764	83	132910	44.745	ug/l	97
40) Benzene	5.777	78	335591	46.816	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	75686	51.494	ug/l	99
42) 1,2-Dichloroethane	5.797	62	126532	48.868	ug/l	99
43) Isopropyl Acetate	5.912	43	213200	50.116	ug/l	99
44) Trichloroethene	6.543	130	82756	48.230	ug/l	99
45) 1,2-Dichloropropane	6.793	63	93385	49.234	ug/l	98
46) Dibromomethane	6.922	93	63085	48.001	ug/l	98
47) Bromodichloromethane	7.108	83	123130	49.377	ug/l	97
48) Methyl methacrylate	6.961	41	100096	51.121	ug/l	98
49) 1,4-Dioxane	6.964	88	53464	1061.766	ug/l #	94
51) 4-Methyl-2-Pentanone	7.790	43	709867	252.960	ug/l	99
52) Toluene	7.970	92	216512	49.335	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	135195	47.174	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	143766	47.229	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	90765	49.902	ug/l	99
56) Ethyl methacrylate	8.333	69	147929	45.569	ug/l	98
57) 1,3-Dichloropropane	8.578	76	159531	48.697	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	350376	209.241	ug/l	99
59) 2-Hexanone	8.684	43	551891	226.741	ug/l	98
60) Dibromochloromethane	8.813	129	95377	50.358	ug/l	100
61) 1,2-Dibromoethane	8.925	107	96561	49.499	ug/l	98
64) Tetrachloroethene	8.555	164	68907	50.159	ug/l	98
65) Chlorobenzene	9.449	112	227327	48.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	81665	48.704	ug/l	99
67) Ethyl Benzene	9.571	91	415201	49.315	ug/l	100
68) m/p-Xylenes	9.697	106	320084	100.806	ug/l	100
69) o-Xylene	10.102	106	156074	50.558	ug/l	99
70) Styrene	10.115	104	269971	51.694	ug/l	98
71) Bromoform	10.292	173	70072	44.513	ug/l #	100
73) Isopropylbenzene	10.485	105	409654	50.665	ug/l	100
74) N-amyl acetate	10.321	43	192113	52.669	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.784	83	157526	49.174	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	142330m	37.927	ug/l	
77) Bromobenzene	10.784	156	98174	50.010	ug/l	96
78) n-propylbenzene	10.906	91	497167	49.404	ug/l	99
79) 2-Chlorotoluene	10.986	91	296151	49.811	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	353551	50.047	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	45369	40.227	ug/l	97
82) 4-Chlorotoluene	11.099	91	345076	49.490	ug/l	99
83) tert-Butylbenzene	11.423	119	337931	50.182	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	356998	50.847	ug/l	100
85) sec-Butylbenzene	11.645	105	439896	49.254	ug/l	100
86) p-Isopropyltoluene	11.796	119	364554	48.847	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	185758	46.898	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	190974	47.672	ug/l	99
89) n-Butylbenzene	12.211	91	336499	46.806	ug/l	99
90) Hexachloroethane	12.478	117	63317	47.029	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	188550	48.928	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	37738	49.926	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	125252	47.008	ug/l	99
94) Hexachlorobutadiene	14.025	225	48184	41.893	ug/l	98
95) Naphthalene	14.086	128	468101	46.798	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	126388	47.756	ug/l	99

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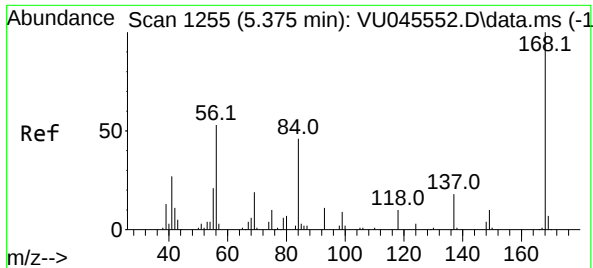
Manual Integrations
APPROVED

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

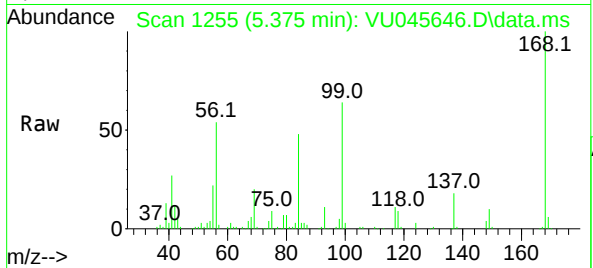
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045646.D
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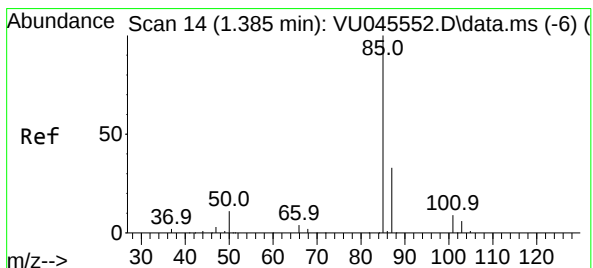
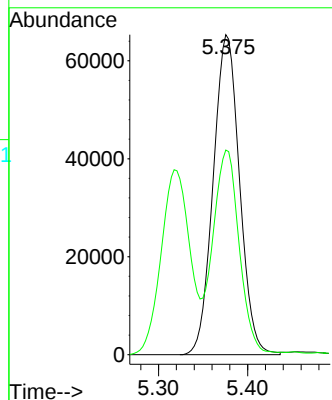
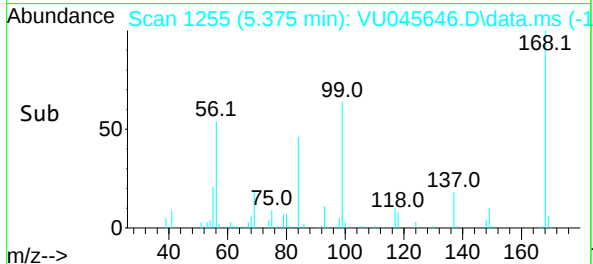
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 134240
Ion Ratio Lower Upper
168 100
99 63.2 51.0 76.6

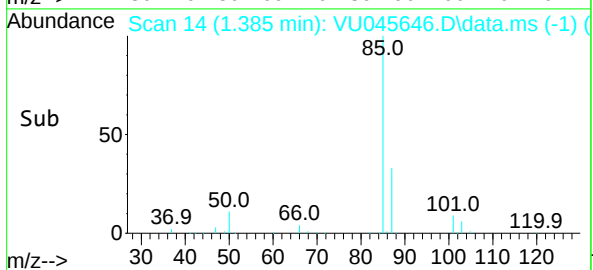
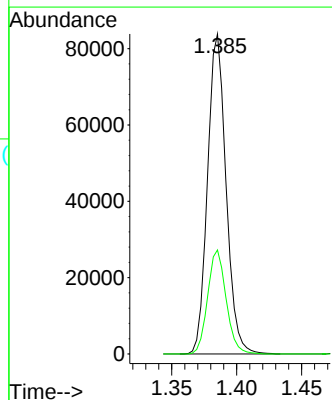
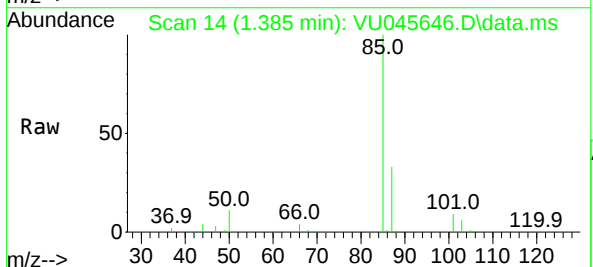
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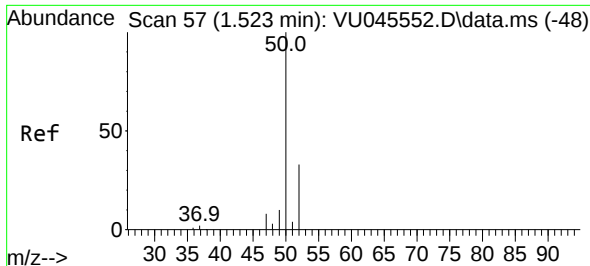
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#2
Dichlorodifluoromethane
Concen: 47.790 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

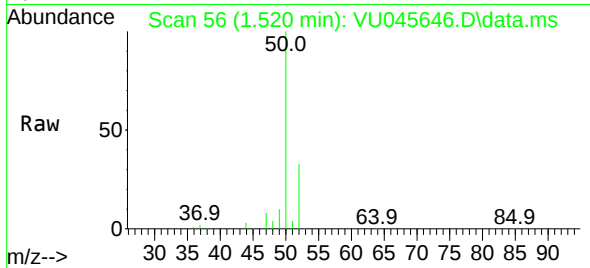
Tgt Ion: 85 Resp: 83178
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.7





#3
Chloromethane
Concen: 44.791 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

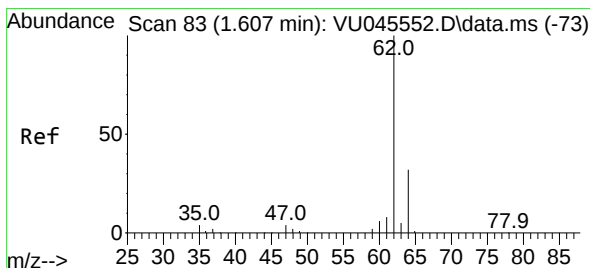
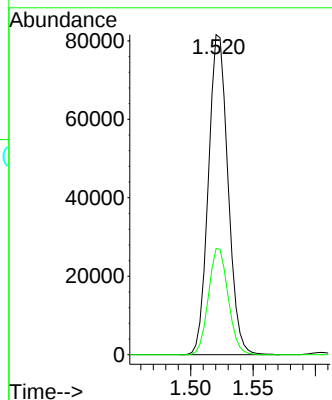
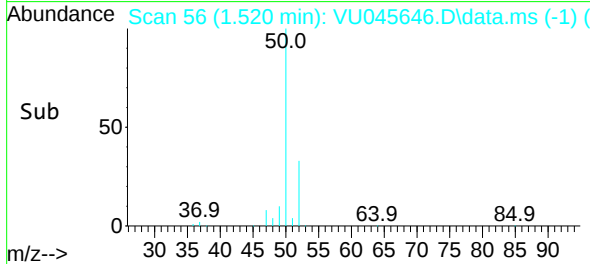
Instrument :
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Tgt Ion: 50 Resp: 89198
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0

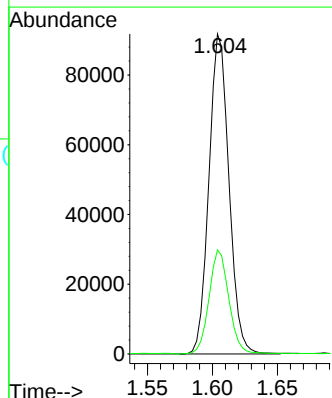
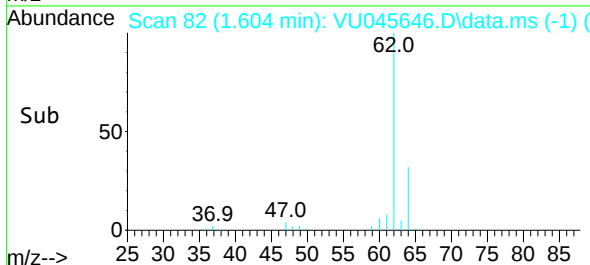
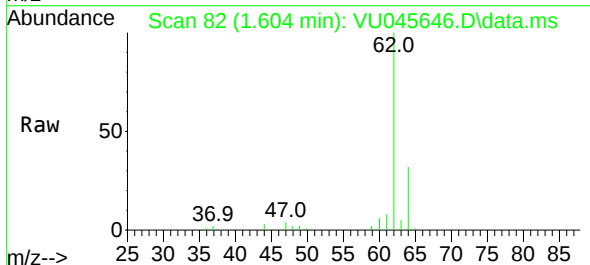
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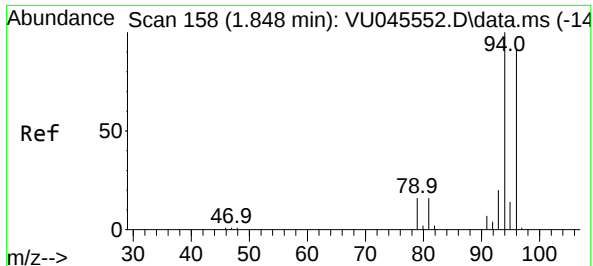
Reviewed By :John Carlone 11/09/2021
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#4
Vinyl Chloride
Concen: 50.673 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion: 62 Resp: 98300
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





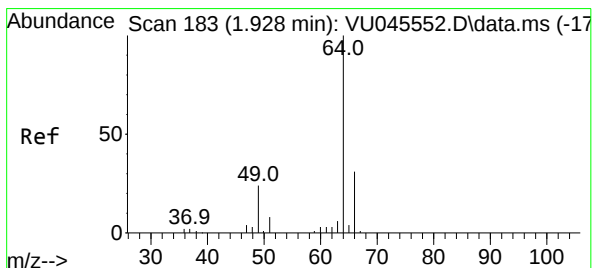
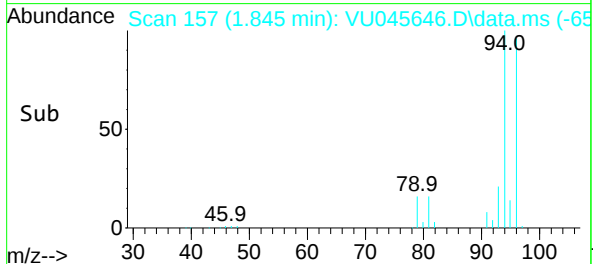
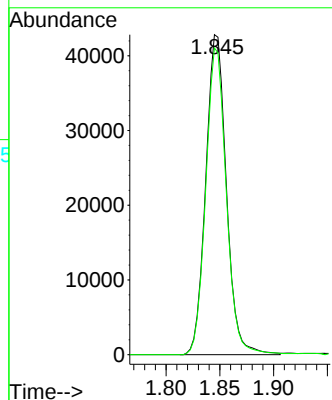
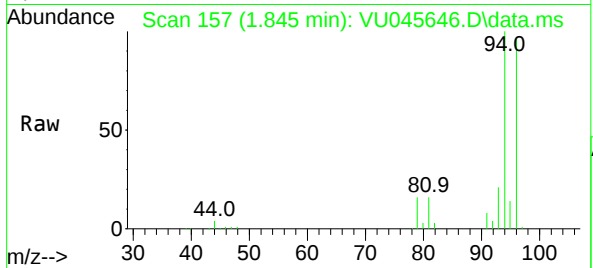
#5
Bromomethane
Concen: 52.995 ug/l
RT: 1.845 min Scan# 157
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5734
Ion Ratio Lower Upper
94 100
96 95.9 75.4 113.2

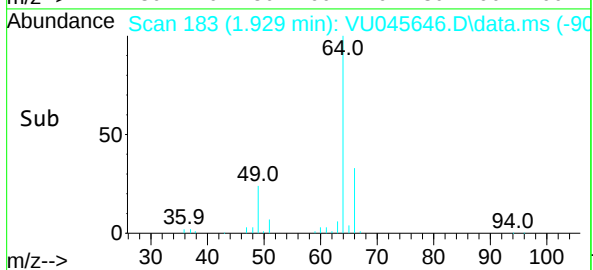
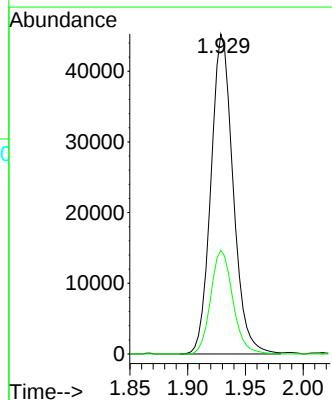
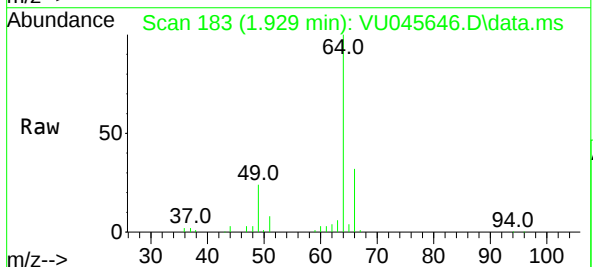
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#6
Chloroethane
Concen: 47.735 ug/l
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion: 64 Resp: 60432
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1





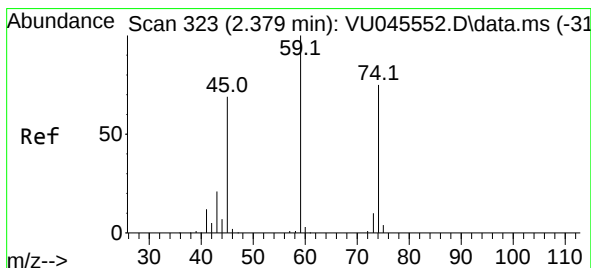
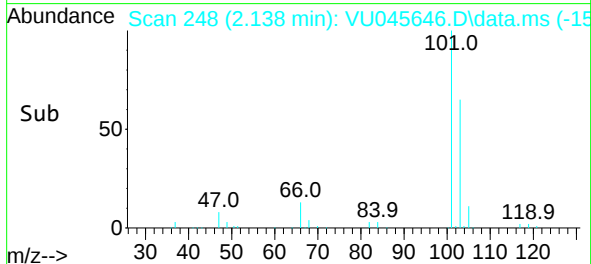
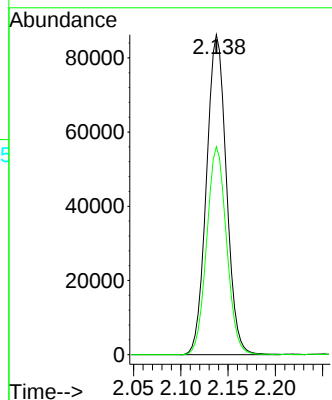
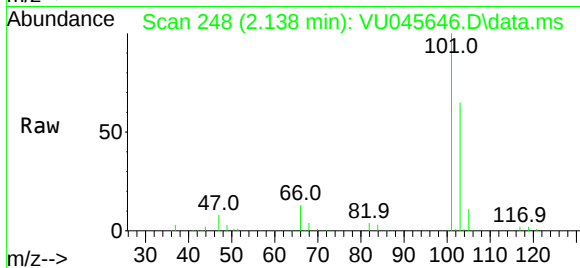
#7
Trichlorofluoromethane
Concen: 49.283 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12642
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

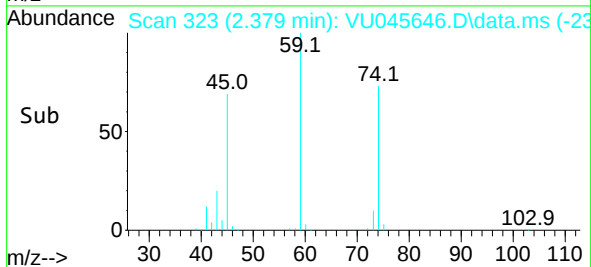
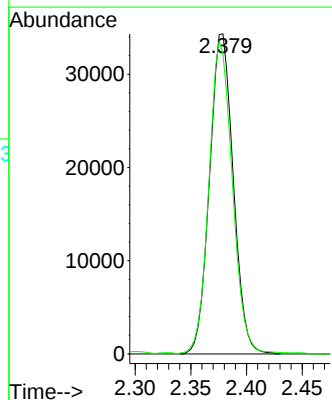
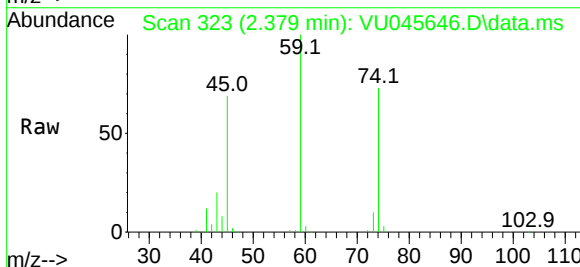
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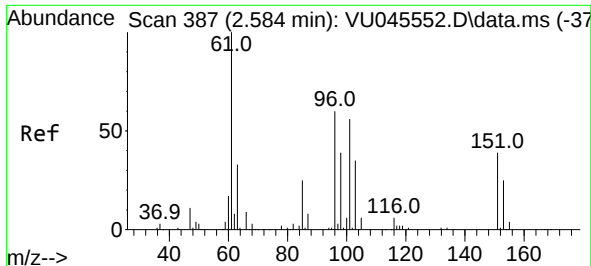
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#8
Diethyl Ether
Concen: 49.999 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion: 74 Resp: 50771
Ion Ratio Lower Upper
74 100
45 97.0 47.3 141.8





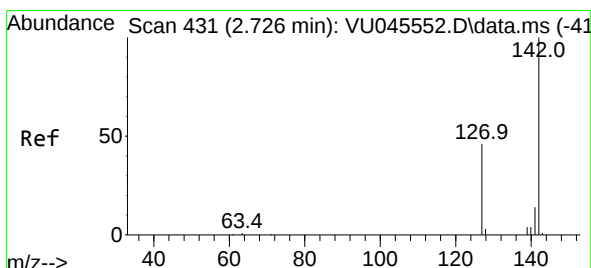
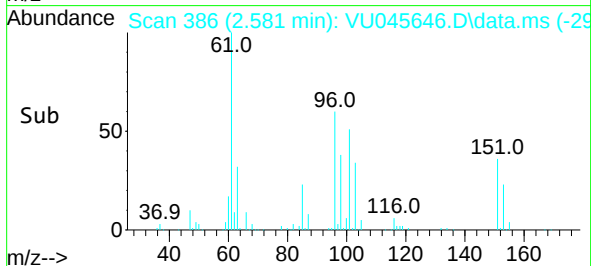
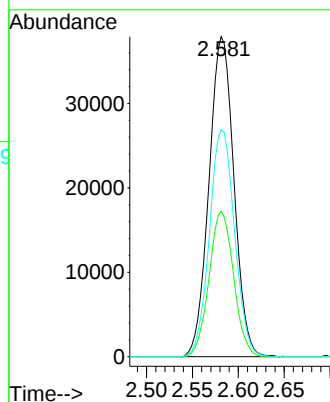
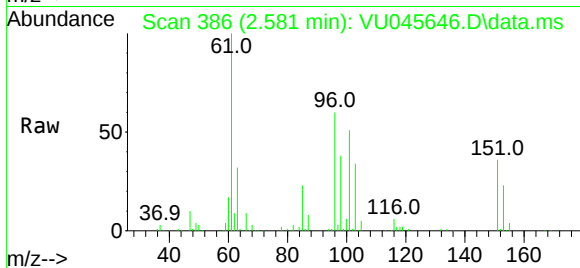
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.888 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7173
Ion Ratio Lower Upper
101 100
85 44.5 35.0 52.4
151 71.6 54.6 82.0

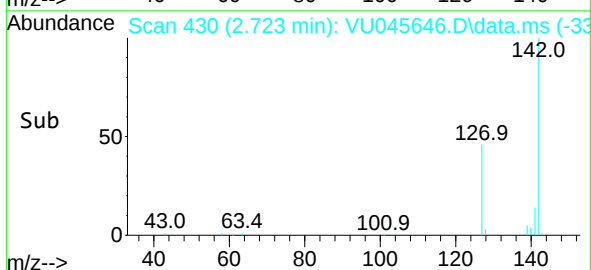
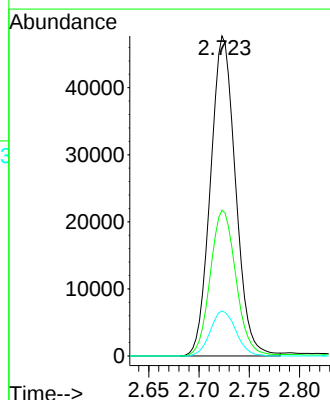
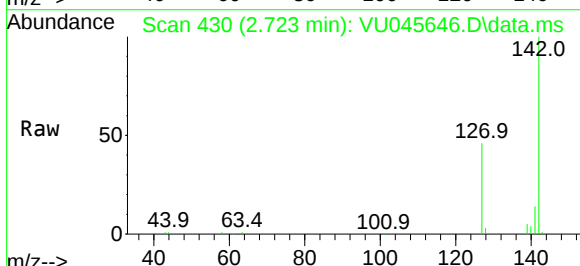
Manual Integrations
APPROVED

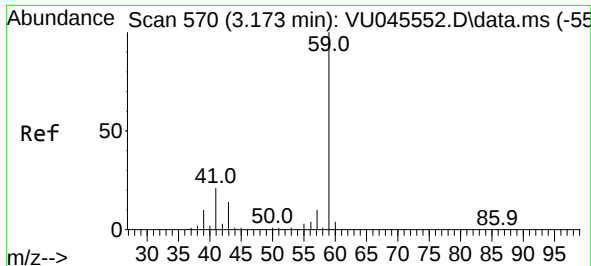
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#10
Methyl Iodide
Concen: 42.256 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

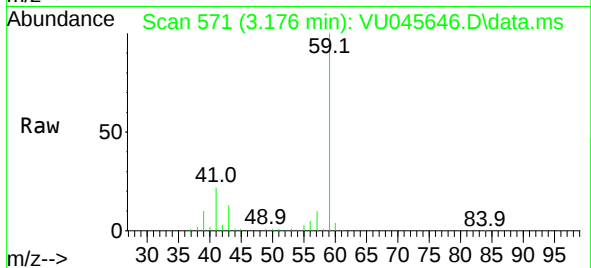
Tgt Ion:142 Resp: 82831
Ion Ratio Lower Upper
142 100
127 46.8 32.2 48.2
141 14.4 11.3 16.9





#11
Tert butyl alcohol
Concen: 267.640 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

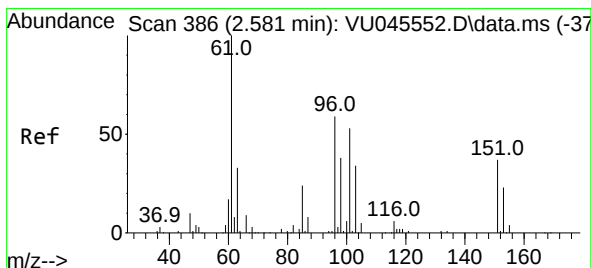
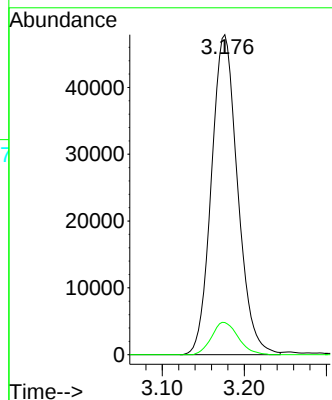
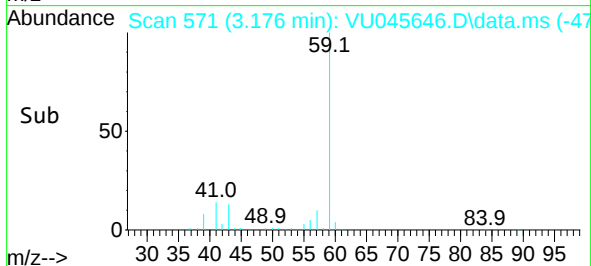
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 106500
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

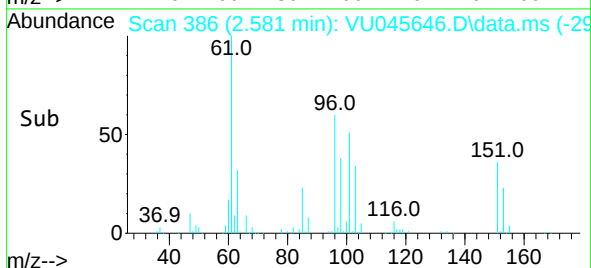
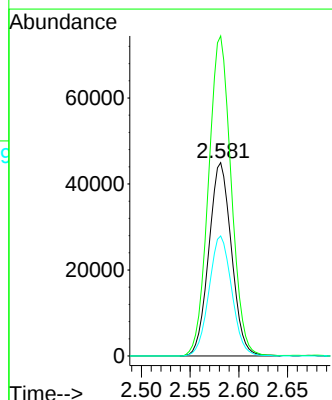
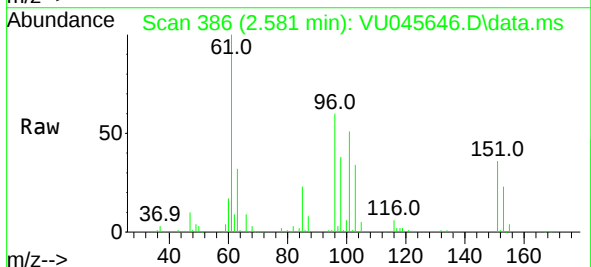
Manual Integrations
APPROVED

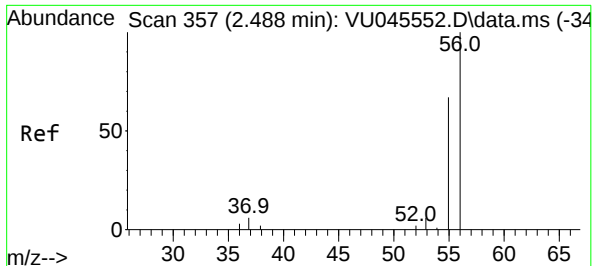
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#12
1,1-Dichloroethene
Concen: 49.203 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

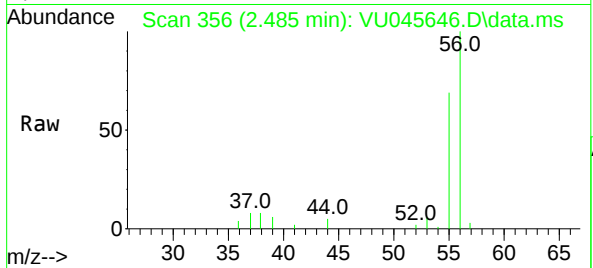
Tgt Ion: 96 Resp: 72667
Ion Ratio Lower Upper
96 100
61 165.6 137.1 205.7
98 62.1 51.5 77.3





#13
Acrolein
Concen: 264.359 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

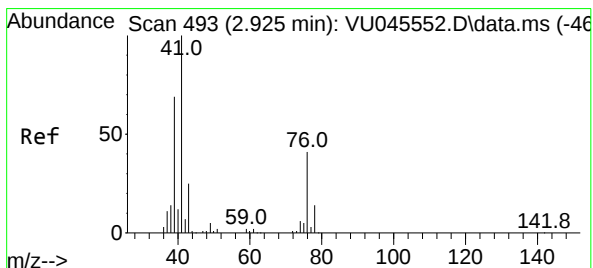
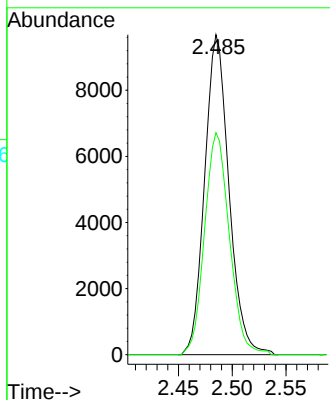
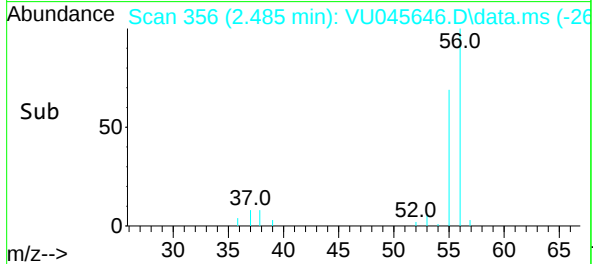
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15244
Ion Ratio Lower Upper
56 100
55 70.8 56.3 84.5

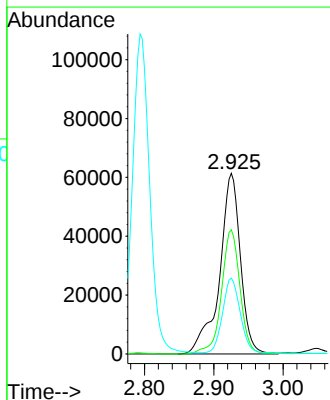
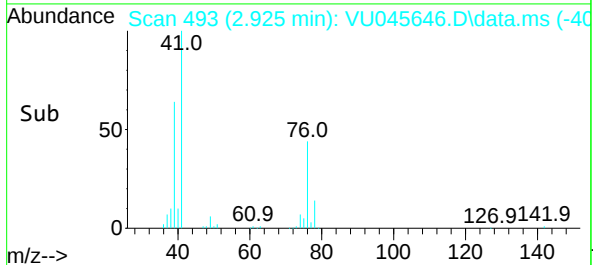
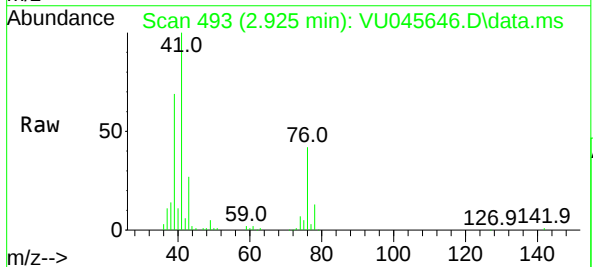
Manual Integrations
APPROVED

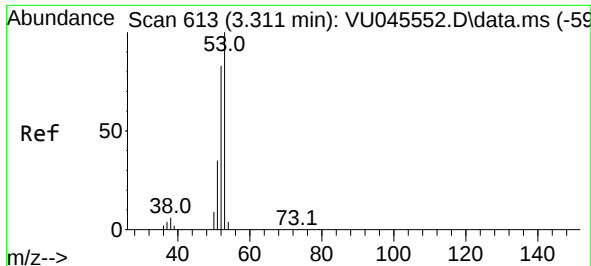
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#14
Allyl chloride
Concen: 48.989 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

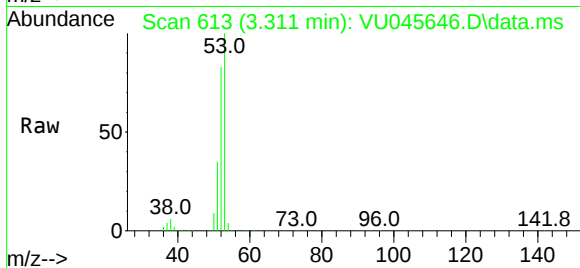
Tgt Ion: 41 Resp: 129188
Ion Ratio Lower Upper
41 100
39 60.8 49.7 74.5
76 34.5 27.7 41.5





#15
Acrylonitrile
Concen: 260.791 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

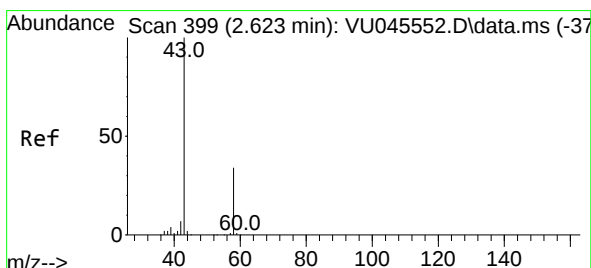
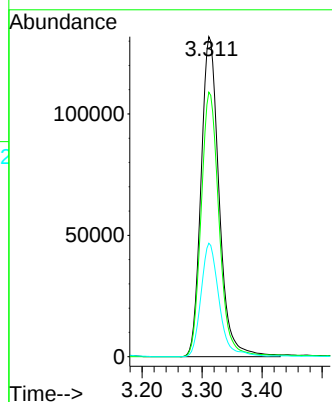
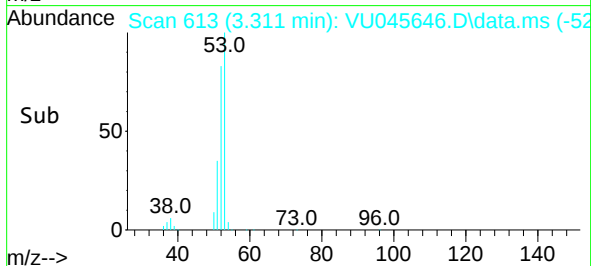
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 27706
Ion Ratio Lower Upper
53 100
52 82.0 66.6 100.0
51 35.6 28.4 42.6

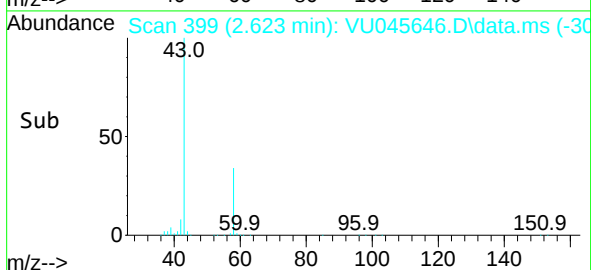
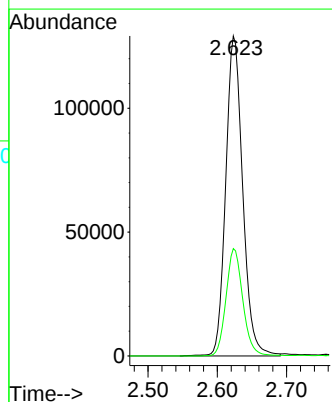
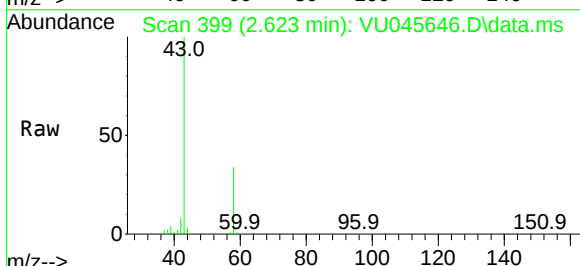
Manual Integrations
APPROVED

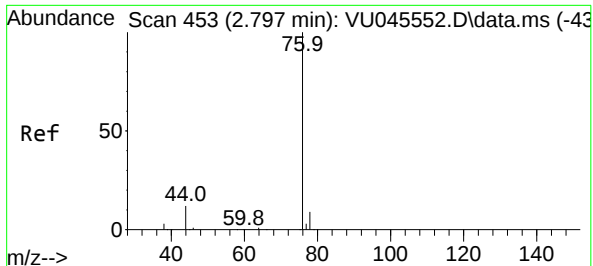
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#16
Acetone
Concen: 215.461 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

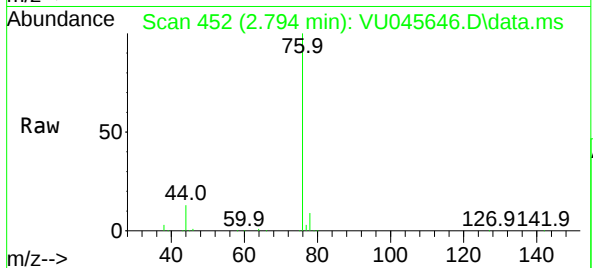
Tgt Ion: 43 Resp: 220501
Ion Ratio Lower Upper
43 100
58 33.5 26.2 39.2





#17
Carbon Disulfide
Concen: 45.778 ug/l
RT: 2.794 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

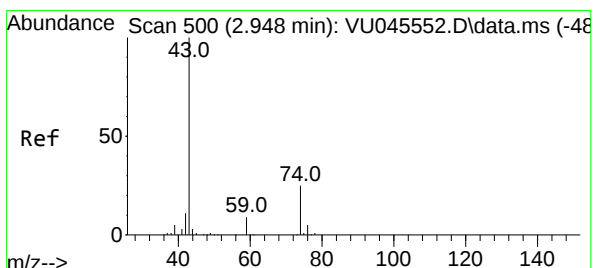
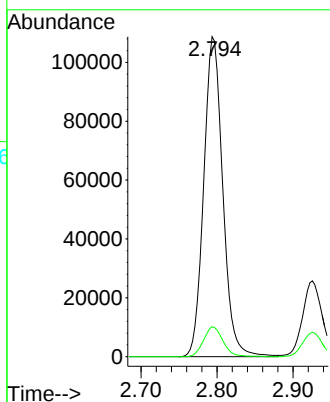
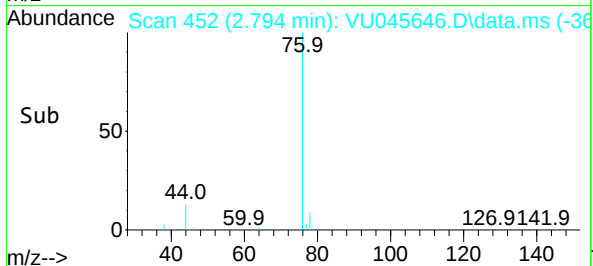
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 189369
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

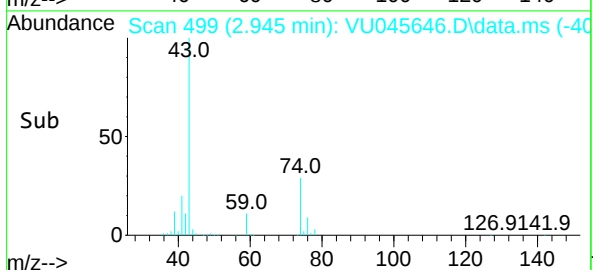
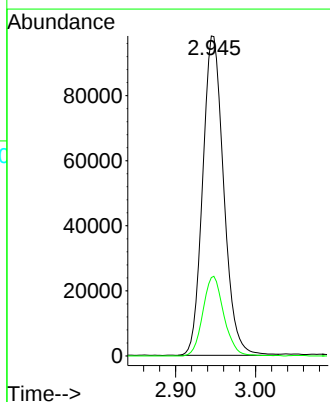
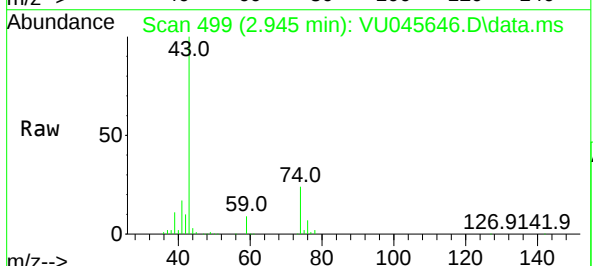
Manual Integrations
APPROVED

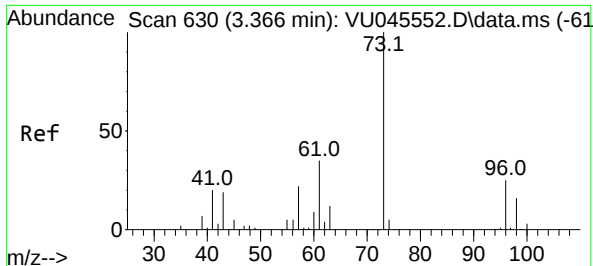
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
Methyl Acetate
Concen: 51.467 ug/l
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion: 43 Resp: 179397
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 52.030 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 27660

Ion Ratio Lower Upper

73 100

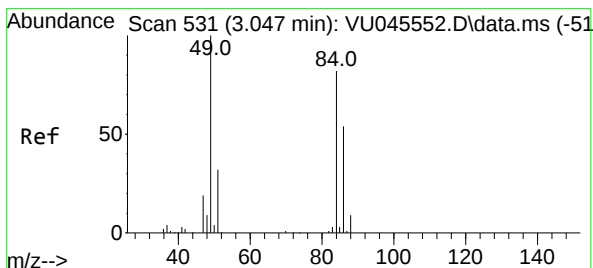
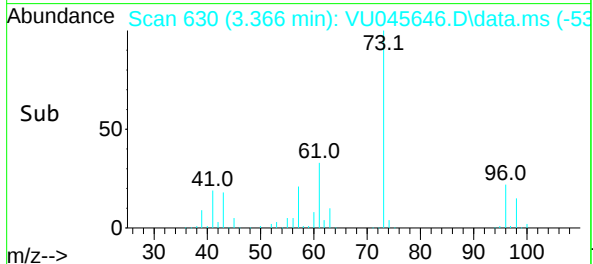
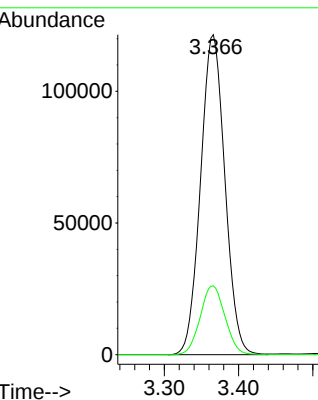
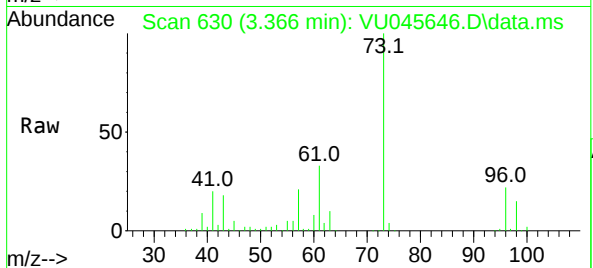
57 21.5 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#20

Methylene Chloride

Concen: 49.695 ug/l

RT: 3.048 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Tgt Ion: 84 Resp: 88369

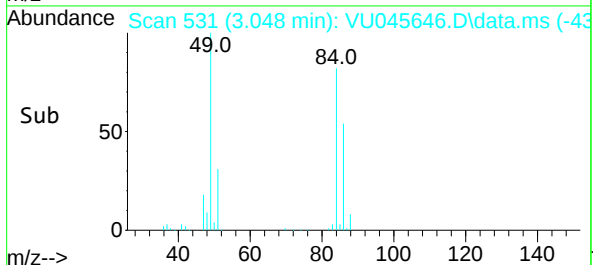
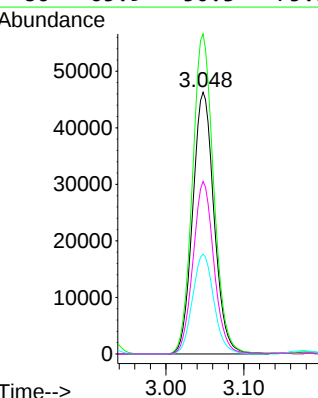
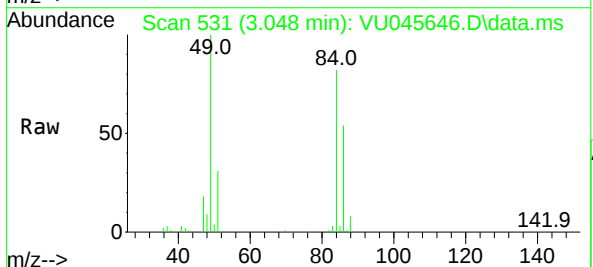
Ion Ratio Lower Upper

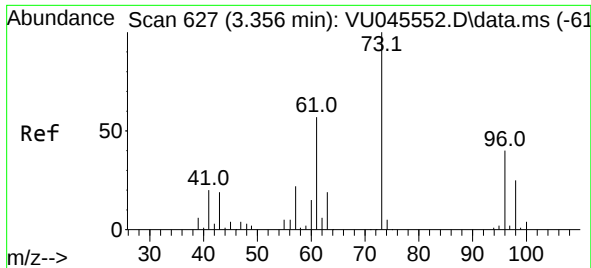
84 100

49 122.3 96.4 144.6

51 38.2 30.5 45.7

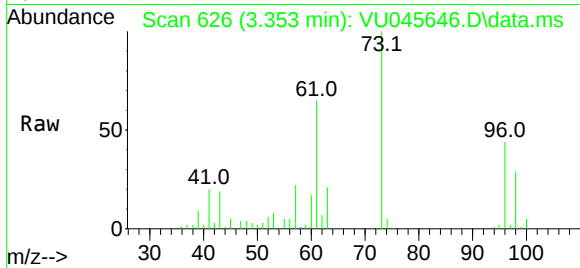
86 65.9 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 50.674 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

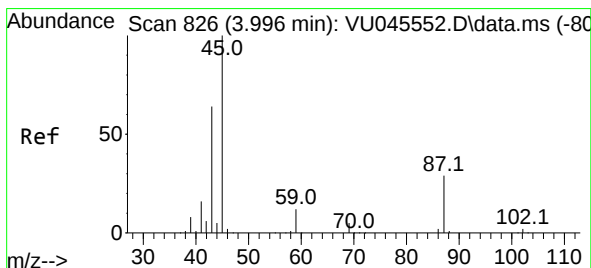
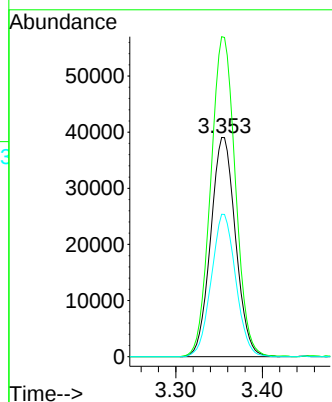
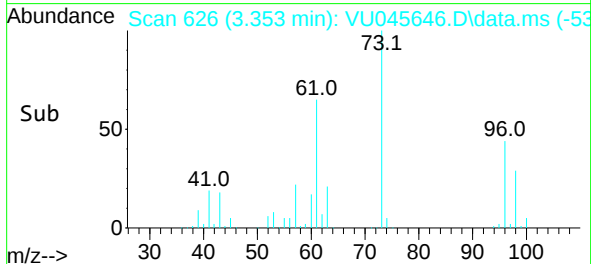
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



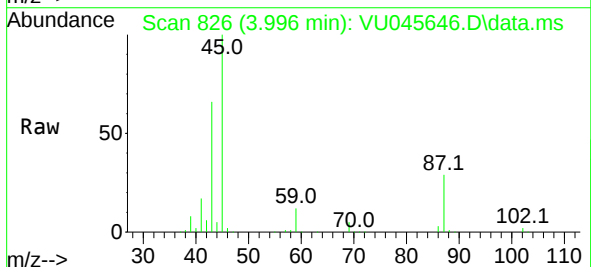
Tgt Ion: 96 Resp: 7785
Ion Ratio Lower Upper
96 100
61 146.0 118.2 177.4
98 65.0 52.1 78.1

Manual Integrations
APPROVED

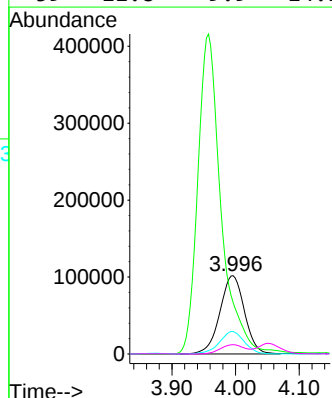
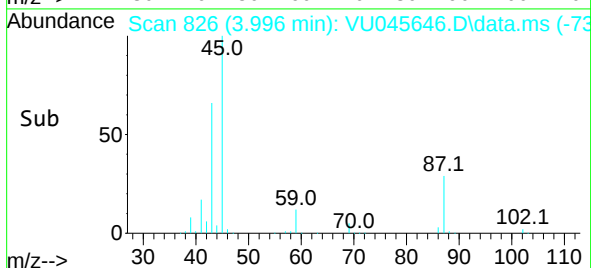
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

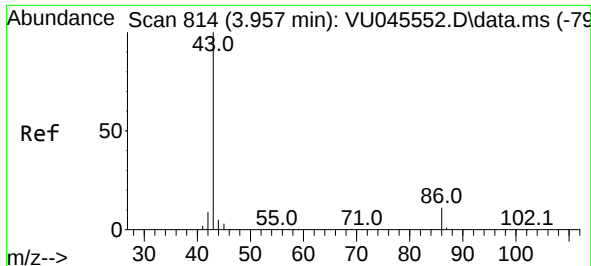


#22
Diisopropyl ether
Concen: 52.788 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



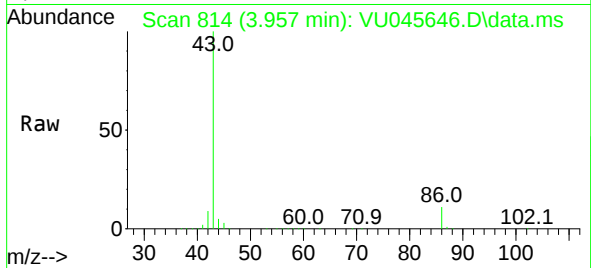
Tgt Ion: 45 Resp: 273331
Ion Ratio Lower Upper
45 100
43 63.2 60.0 90.0
87 28.6 22.3 33.5
59 11.8 9.9 14.9





#23
 Vinyl Acetate
 Concen: 266.249 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045646.D
 Acq: 09 Nov 2021 03:49

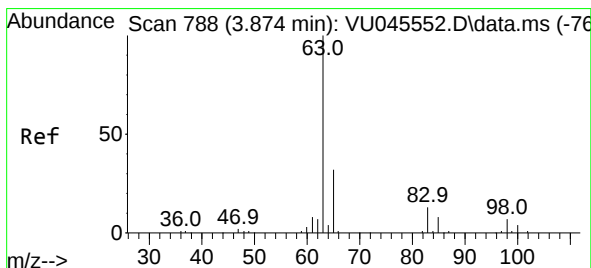
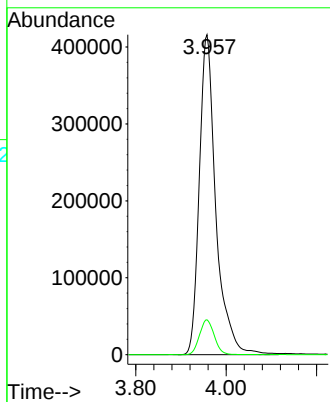
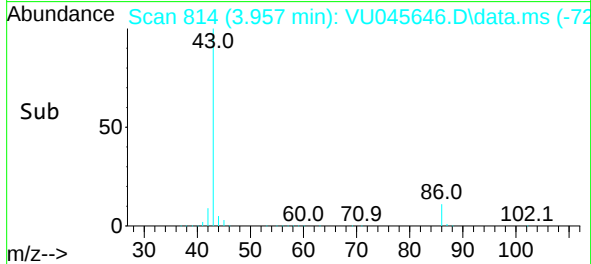
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



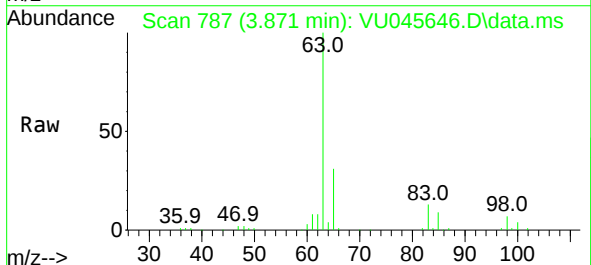
Tgt Ion: 43 Resp: 106031
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3

Manual Integrations
 APPROVED

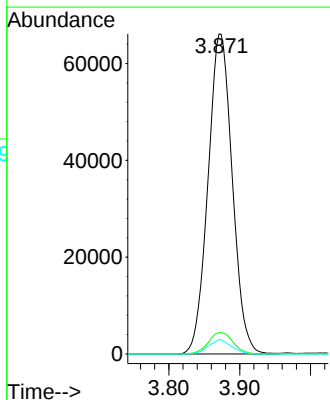
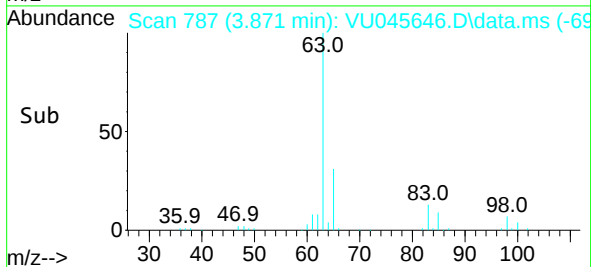
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#24
 1,1-Dichloroethane
 Concen: 50.971 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045646.D
 Acq: 09 Nov 2021 03:49



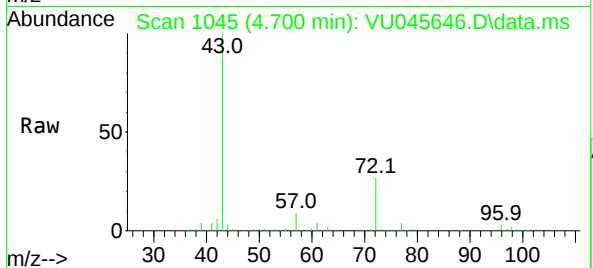
Tgt Ion: 63 Resp: 157274
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 254.008 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

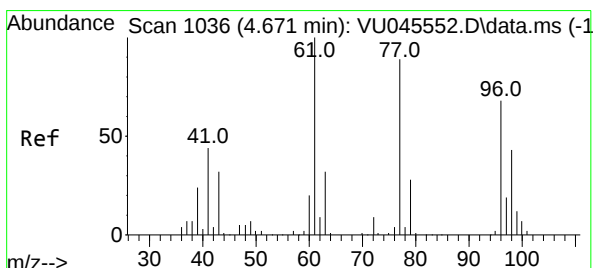
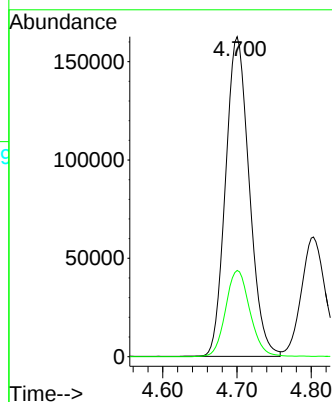
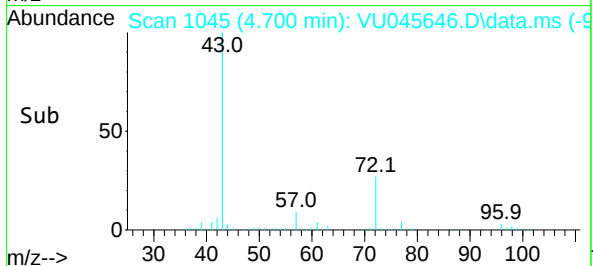
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



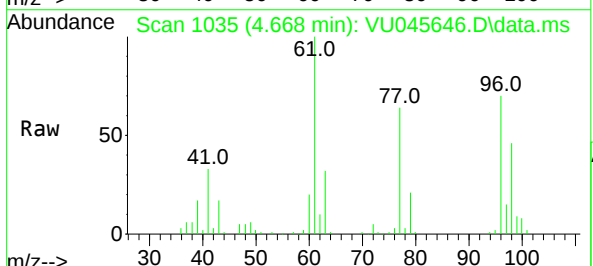
Tgt Ion: 43 Resp: 360540
Ion Ratio Lower Upper
43 100
72 27.0 22.0 33.0

Manual Integrations
APPROVED

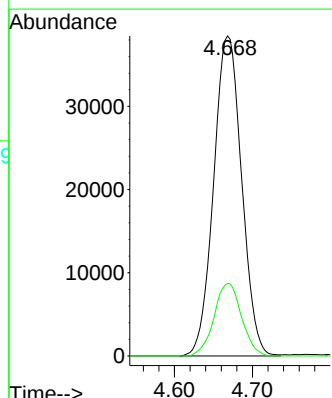
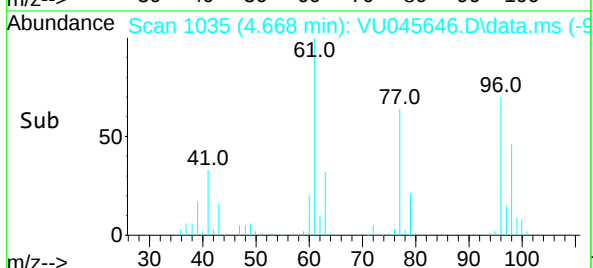
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

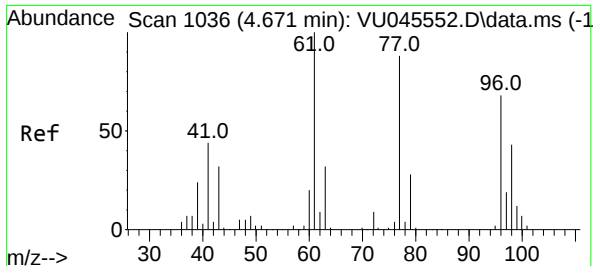


#26
2,2-Dichloropropane
Concen: 37.486 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



Tgt Ion: 77 Resp: 95847
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.582 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045646.D
 Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

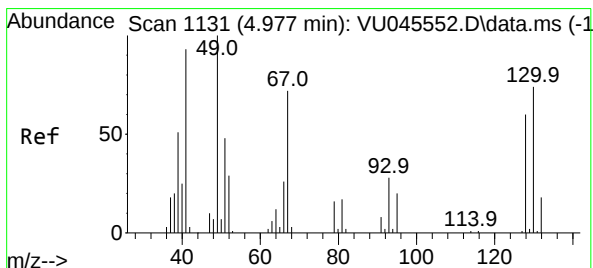
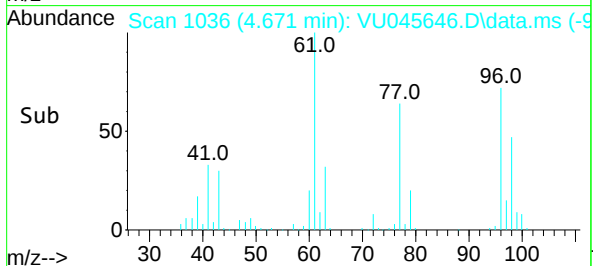
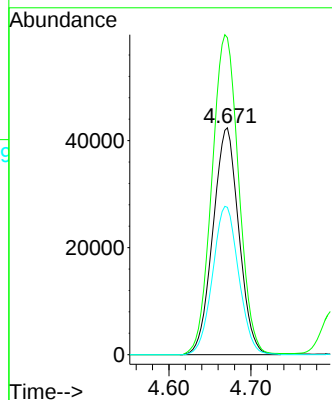
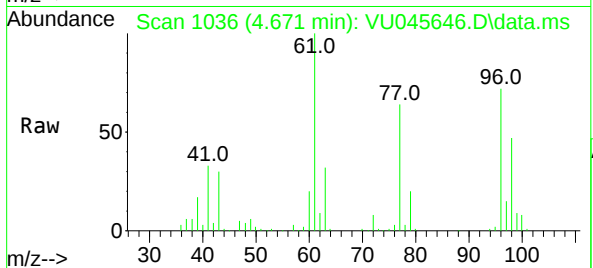
VSTDCCC050EC

Tgt Ion: 96 Resp: 93086
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 299.2
 98 65.8 0.0 127.6

Manual Integrations

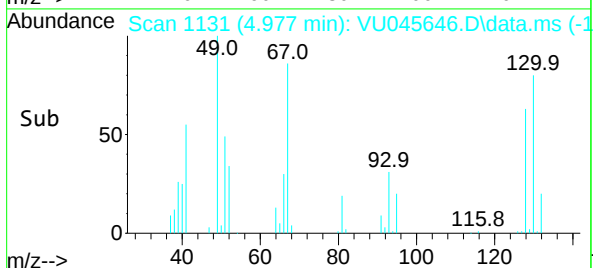
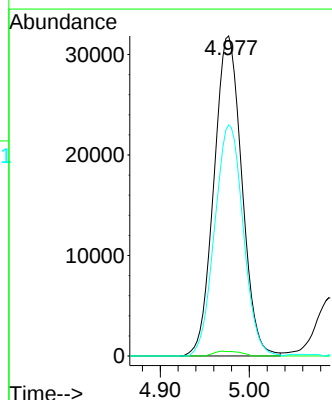
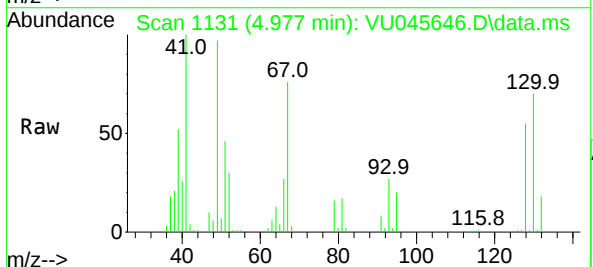
APPROVED

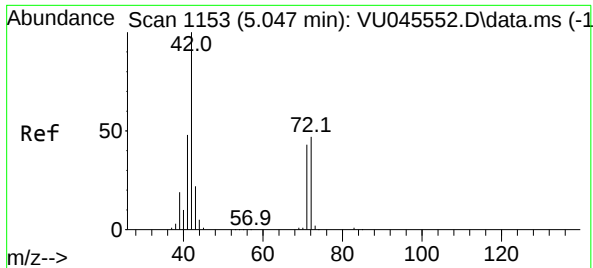
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#28
 Bromochloromethane
 Concen: 47.101 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045646.D
 Acq: 09 Nov 2021 03:49

Tgt Ion: 49 Resp: 69286
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.4
 130 73.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 266.985 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 23180

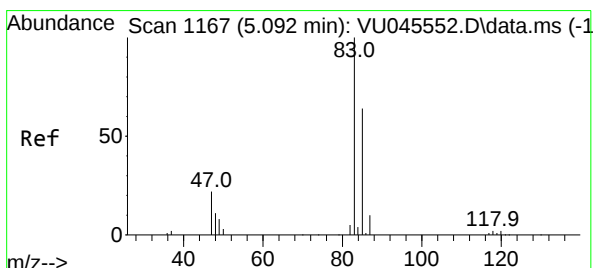
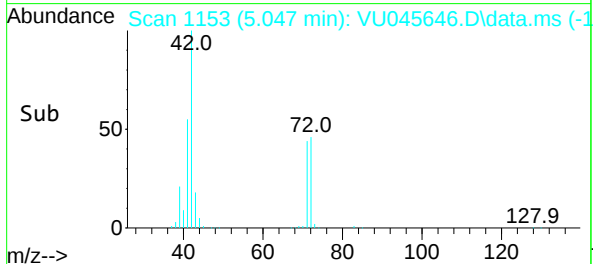
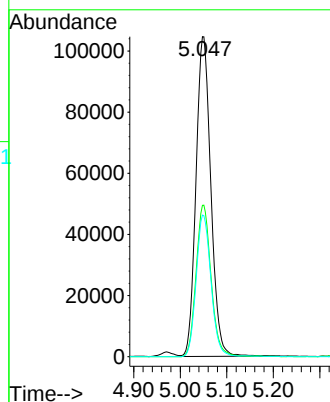
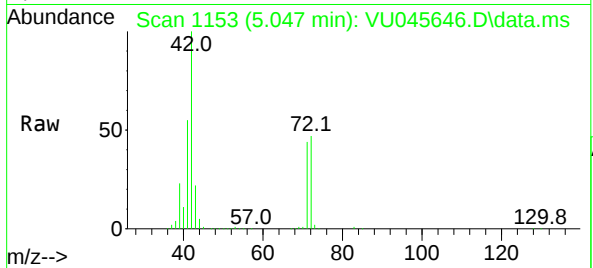
Ion	Ratio	Lower	Upper
42	100		
72	47.7	38.2	57.4
71	44.0	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#30

Chloroform

Concen: 50.882 ug/l

RT: 5.092 min Scan# 1167

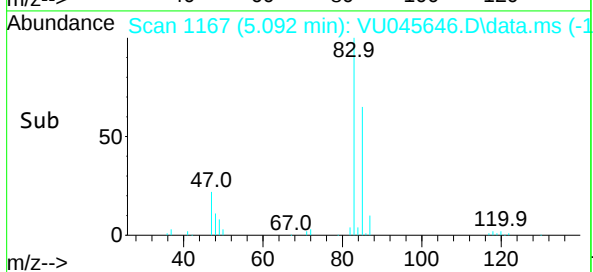
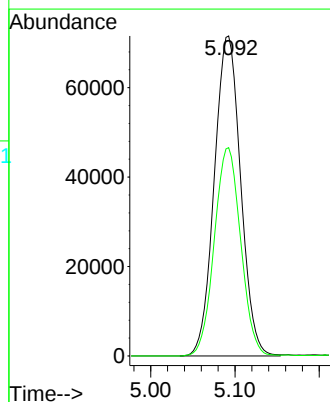
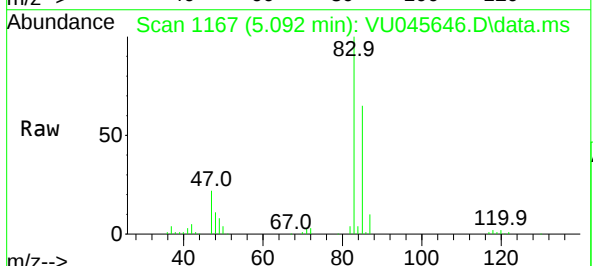
Delta R.T. 0.000 min

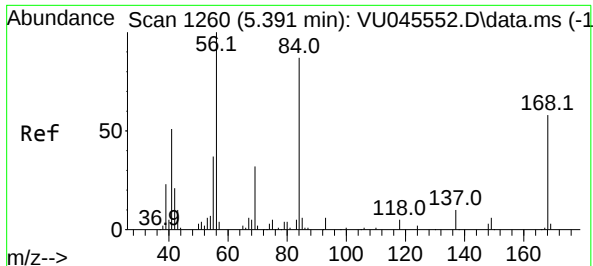
Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Tgt Ion: 83 Resp: 155273

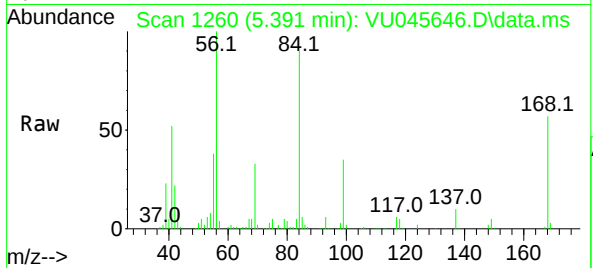
Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.0	78.0





#31
Cyclohexane
Concen: 46.548 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

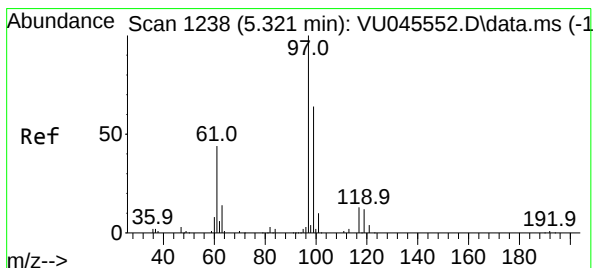
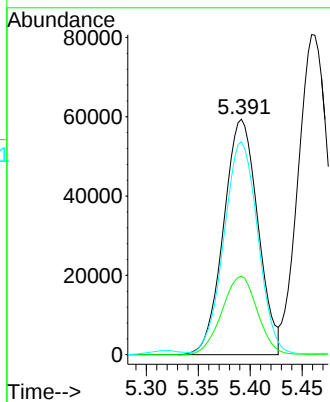
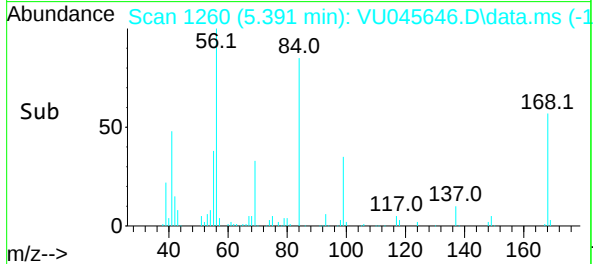
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



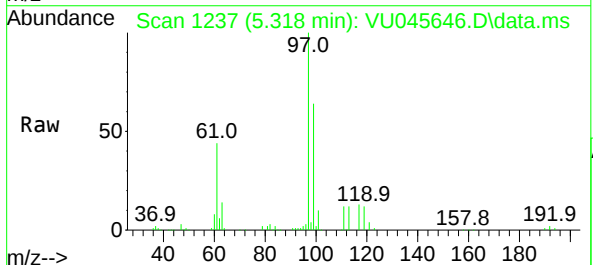
Tgt Ion: 56 Resp: 136542
Ion Ratio Lower Upper
56 100
69 33.4 26.4 39.6
84 89.1 68.4 102.6

Manual Integrations
APPROVED

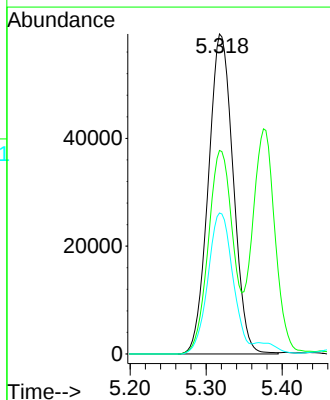
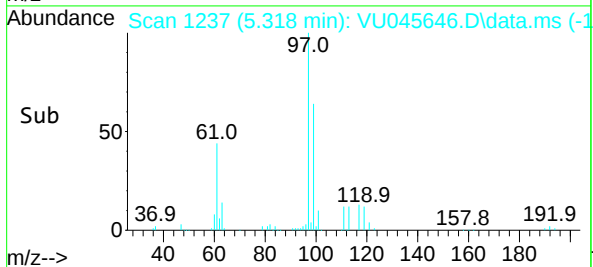
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

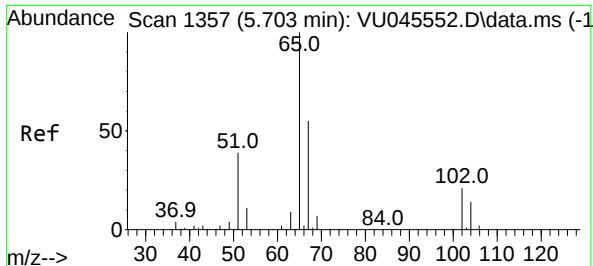


#32
1,1,1-Trichloroethane
Concen: 51.794 ug/l
RT: 5.318 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



Tgt Ion: 97 Resp: 134784
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 44.3 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 52.497 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 105540

Ion Ratio Lower Upper

65 100

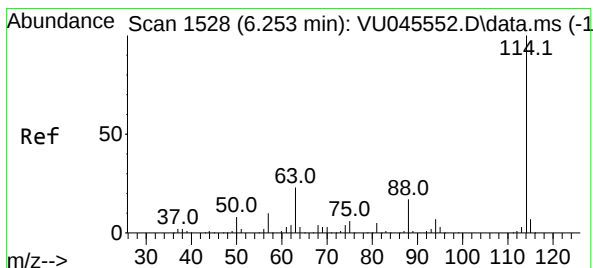
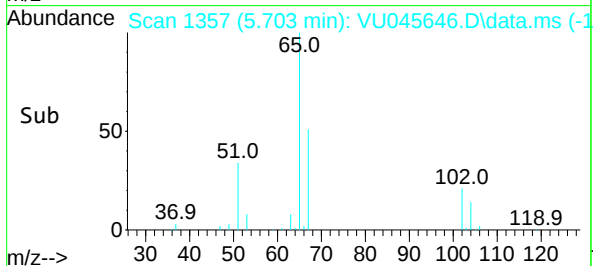
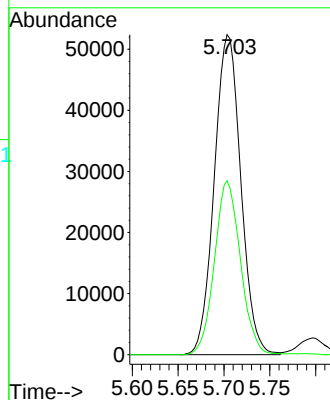
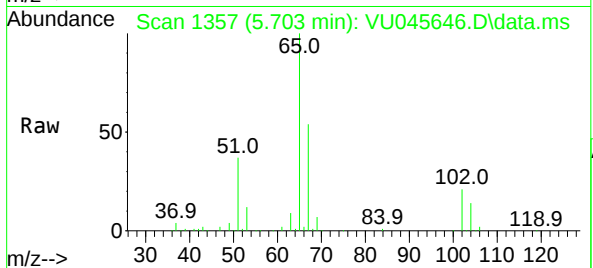
67 53.1 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

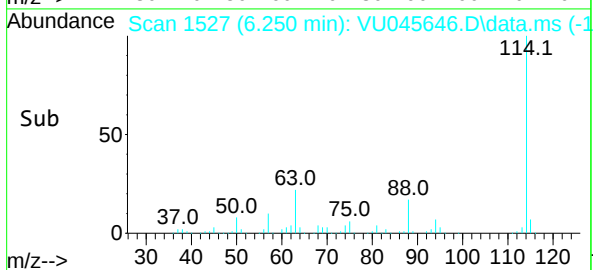
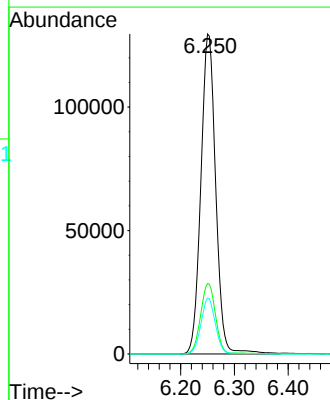
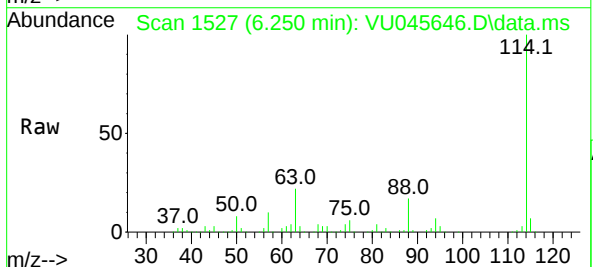
Tgt Ion:114 Resp: 248311

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 17.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.815 ug/l

RT: 5.292 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

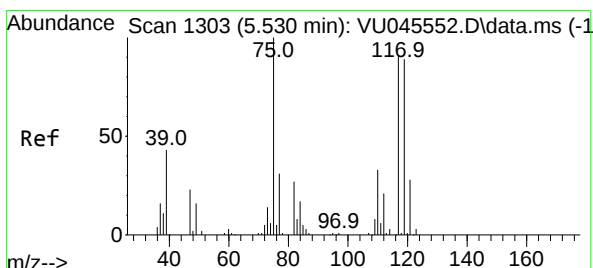
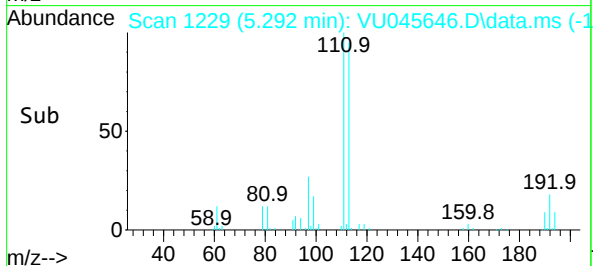
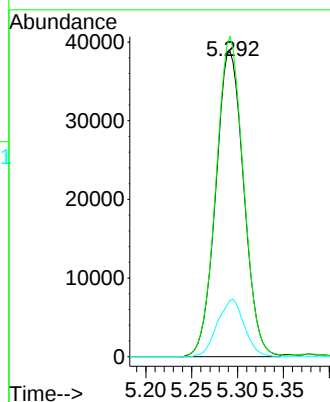
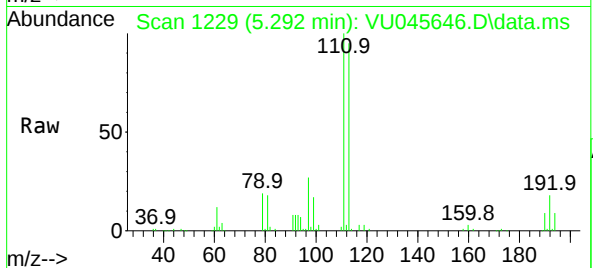
Tgt Ion:	113	Resp:	8258
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	18.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#36

1,1-Dichloropropene

Concen: 47.579 ug/l

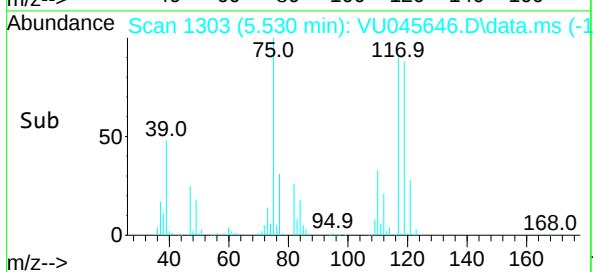
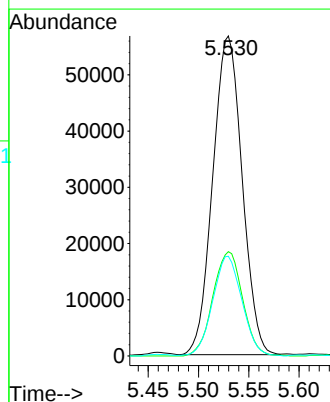
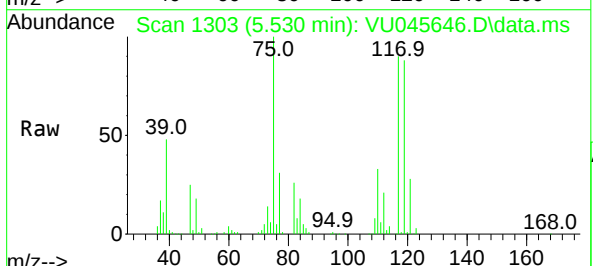
RT: 5.530 min Scan# 1303

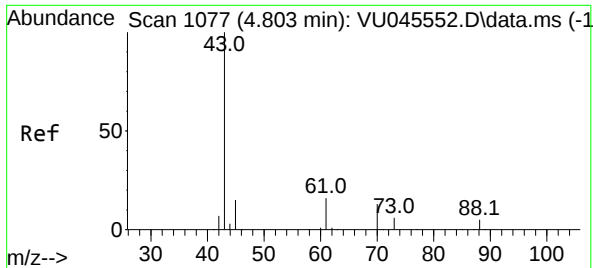
Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Tgt Ion:	75	Resp:	115198
Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.7	50.0
77	31.2	25.0	37.4





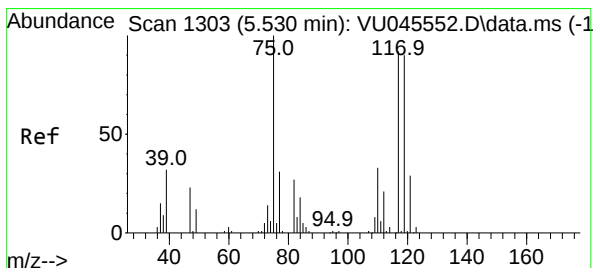
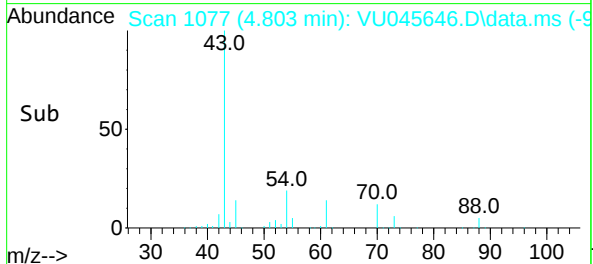
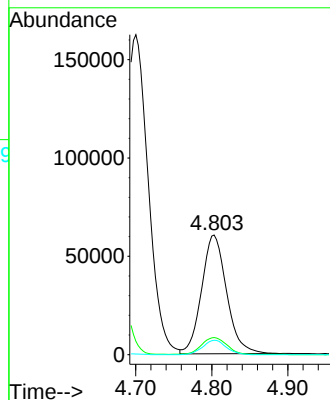
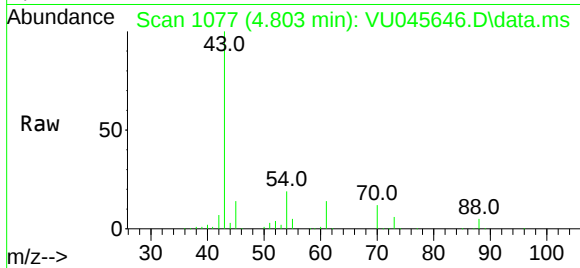
#37
Ethyl Acetate
Concen: 49.703 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 13823
Ion Ratio Lower Upper
43 100
61 14.4 11.6 17.4
70 11.4 9.1 13.7

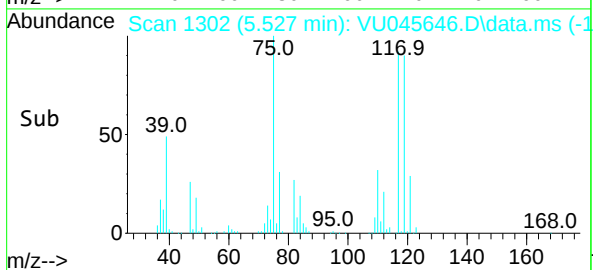
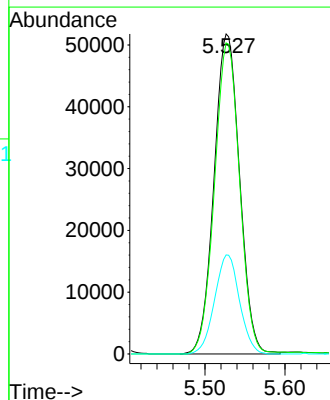
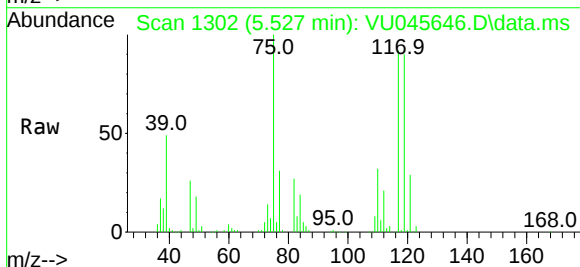
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 47.078 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion:117 Resp: 114916
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 44.745 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 132910

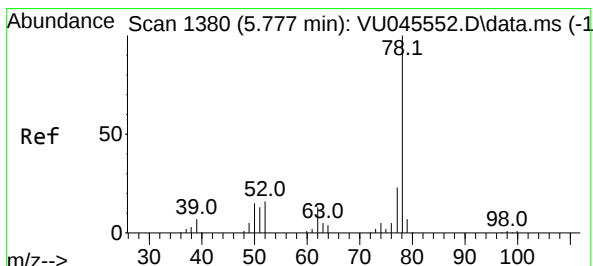
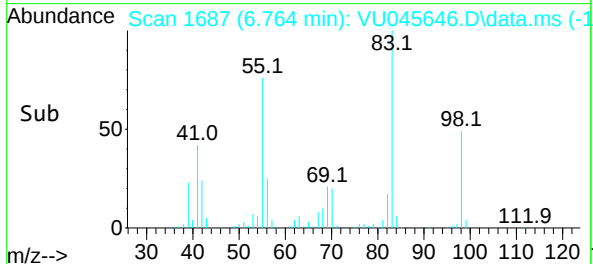
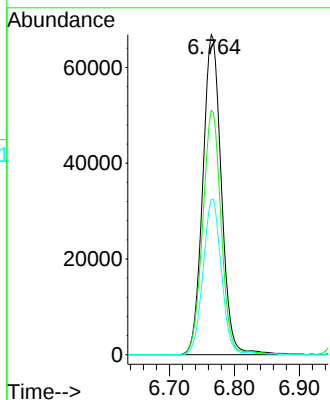
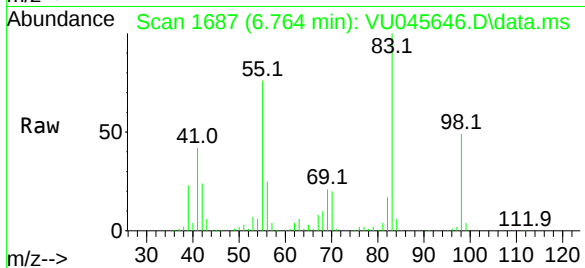
Ion	Ratio	Lower	Upper
83	100		
55	76.3	63.6	95.4
98	48.5	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#40

Benzene

Concen: 46.816 ug/l

RT: 5.777 min Scan# 1380

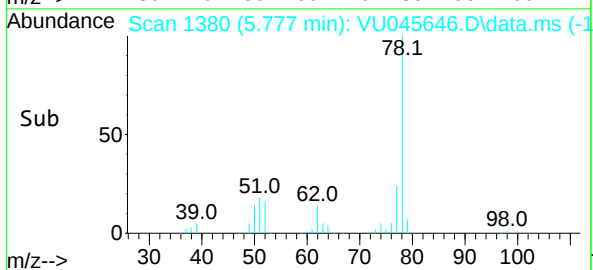
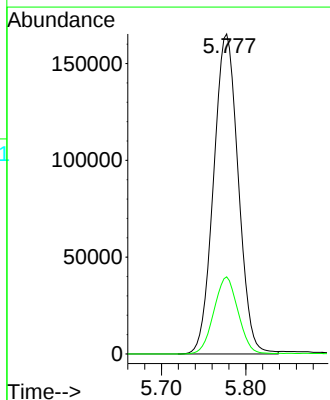
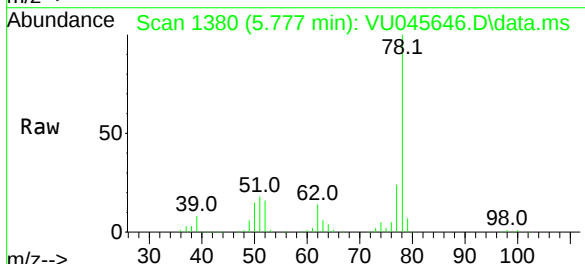
Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Tgt Ion: 78 Resp: 335591

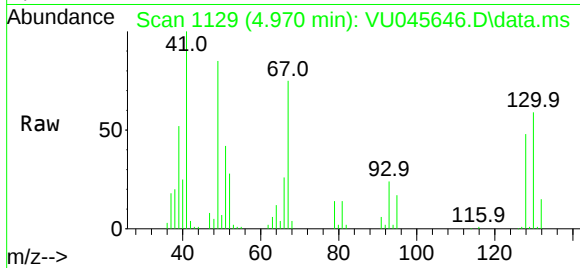
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#41
Methacrylonitrile
Concen: 51.494 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

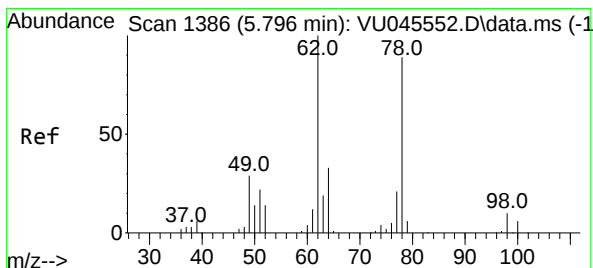
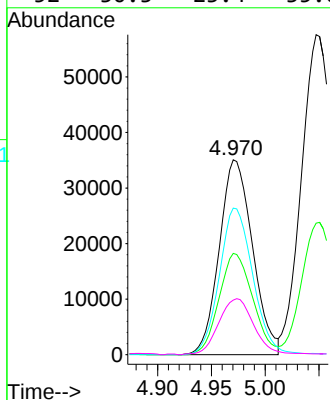
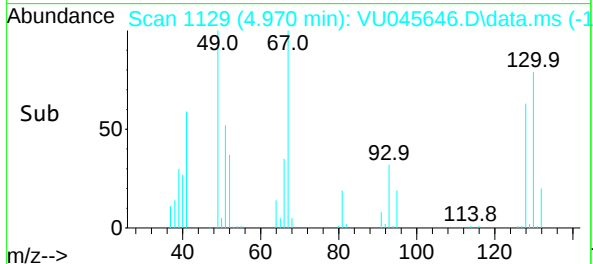
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



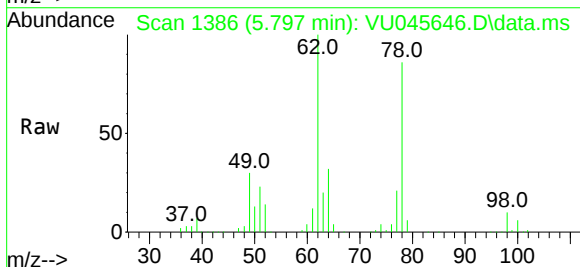
Tgt Ion: 41 Resp: 75680
Ion Ratio Lower Upper
41 100
39 52.6 43.4 65.0
67 75.7 61.0 91.4
52 30.3 23.4 35.0

Manual Integrations
APPROVED

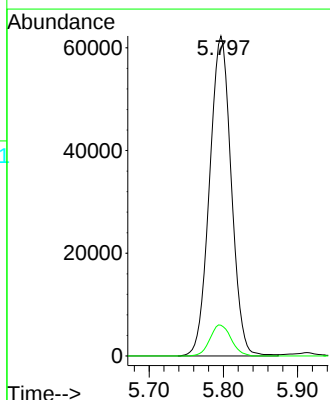
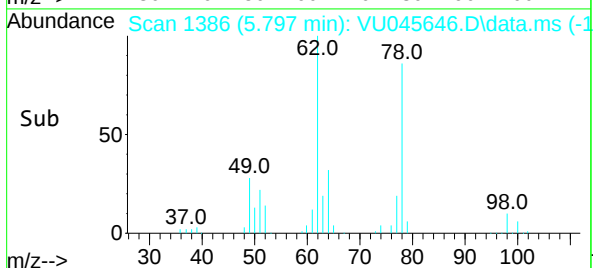
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

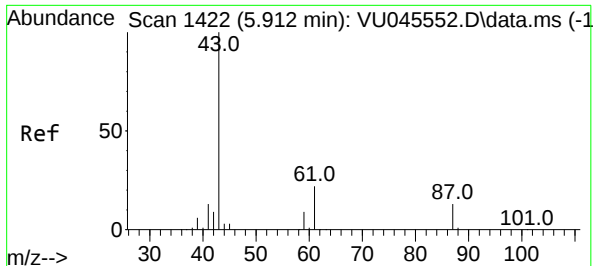


#42
1,2-Dichloroethane
Concen: 48.868 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



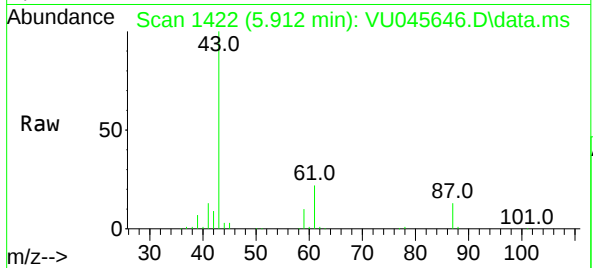
Tgt Ion: 62 Resp: 126532
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43
Isopropyl Acetate
Concen: 50.116 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

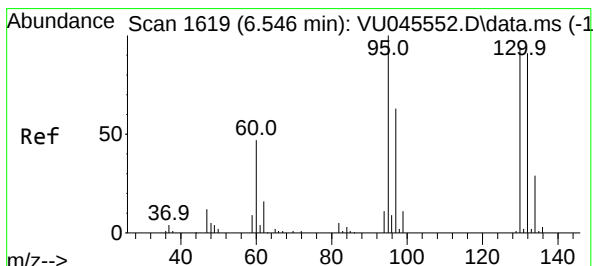
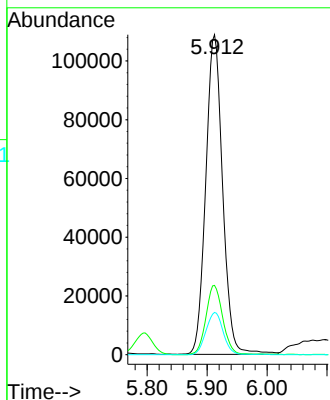
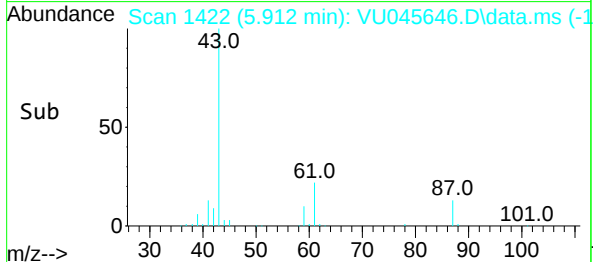
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



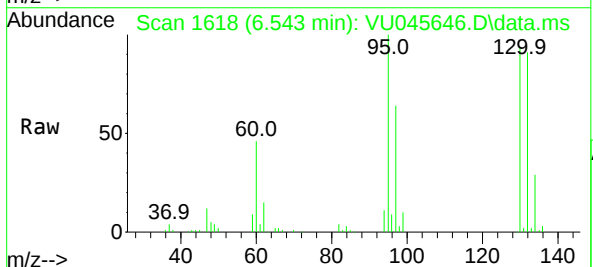
Tgt Ion: 43 Resp: 213200
Ion Ratio Lower Upper
43 100
61 21.6 16.9 25.3
87 13.4 11.0 16.4

Manual Integrations
APPROVED

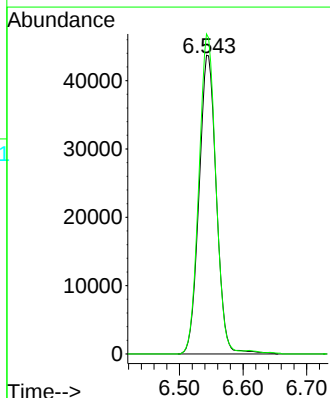
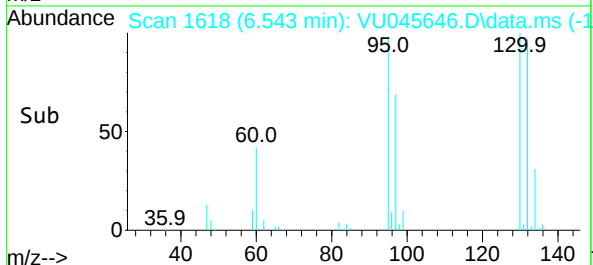
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#44
Trichloroethene
Concen: 48.230 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



Tgt Ion:130 Resp: 82756
Ion Ratio Lower Upper
130 100
95 107.1 0.0 211.4





#45

1,2-Dichloropropane

Concen: 49.234 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9338

Ion Ratio Lower Upper

63 100

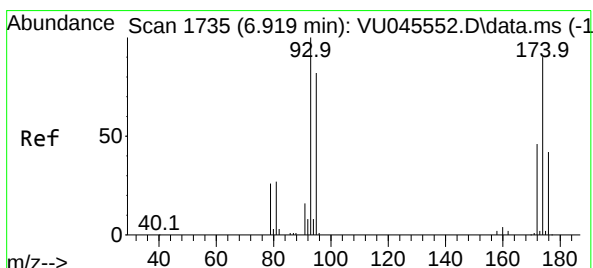
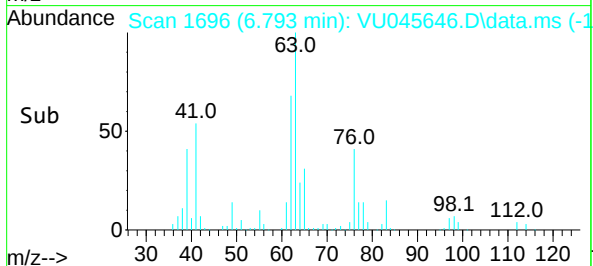
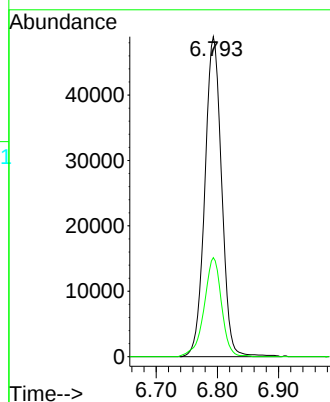
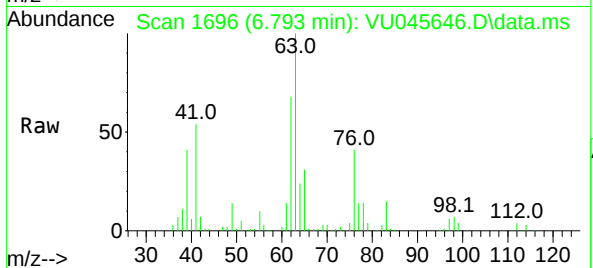
65 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#46

Dibromomethane

Concen: 48.001 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

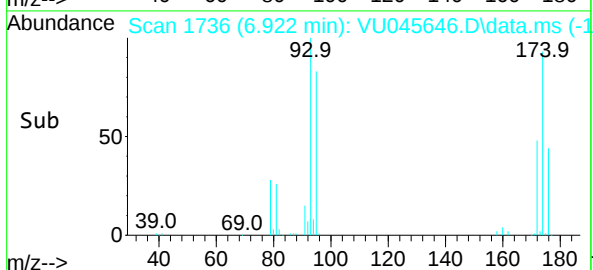
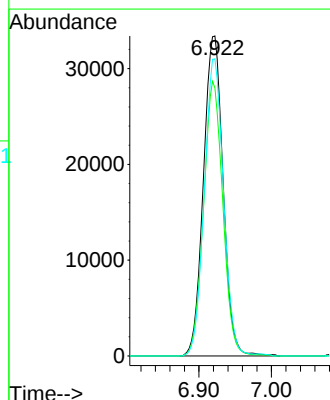
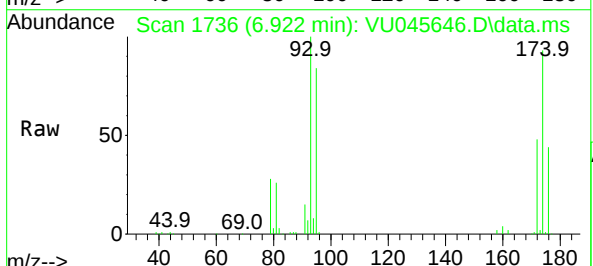
Tgt Ion: 93 Resp: 63085

Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

174 90.9 71.0 106.6





#47

Bromodichloromethane

Concen: 49.377 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 123130

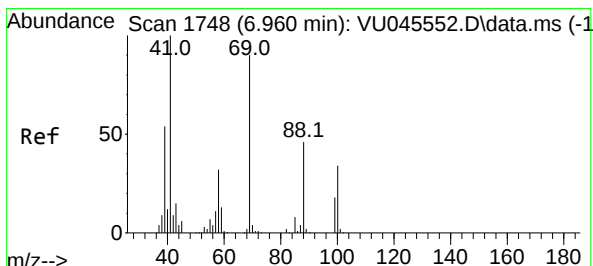
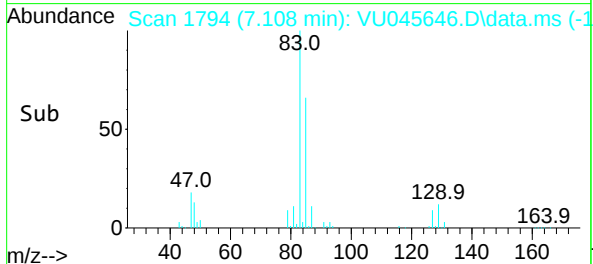
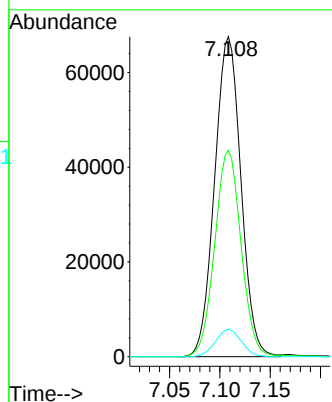
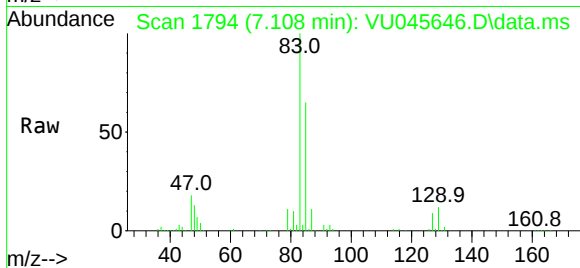
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.8	74.6
127	8.6	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#48

Methyl methacrylate

Concen: 51.121 ug/l

RT: 6.961 min Scan# 1748

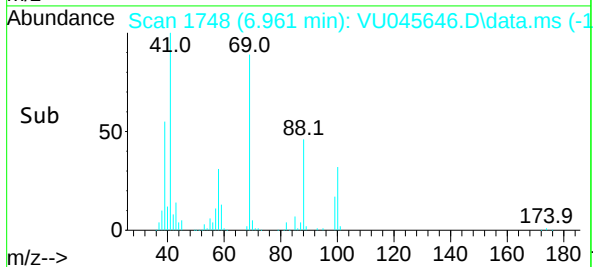
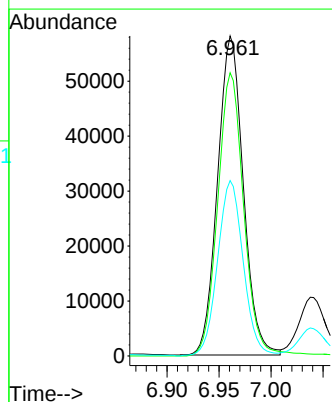
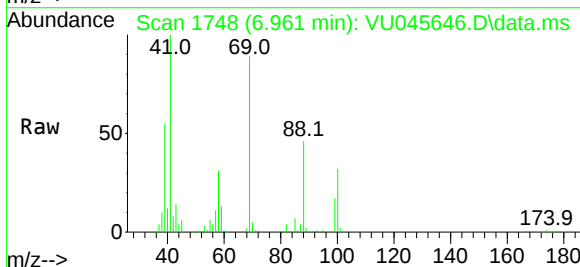
Delta R.T. 0.000 min

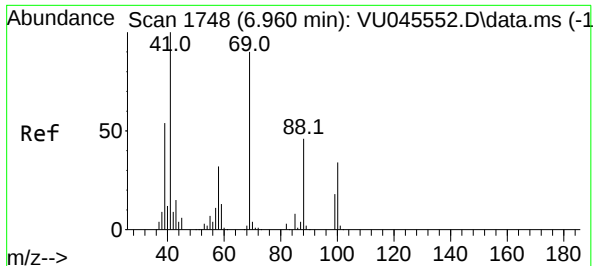
Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Tgt Ion: 41 Resp: 100096

Ion	Ratio	Lower	Upper
41	100		
69	90.2	70.2	105.2
39	54.7	43.9	65.9





#49

1,4-Dioxane

Concen: 1061.766 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 53464

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0

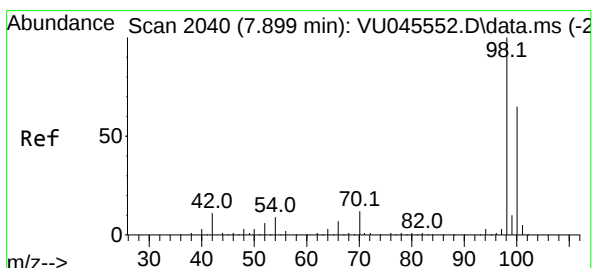
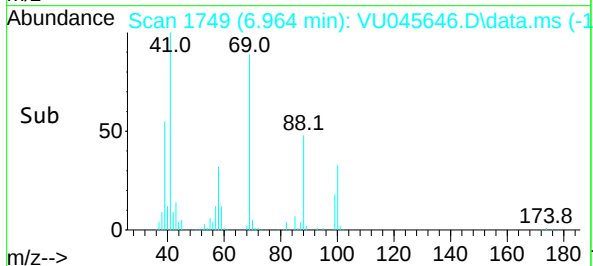
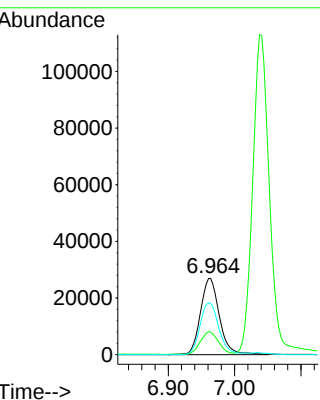
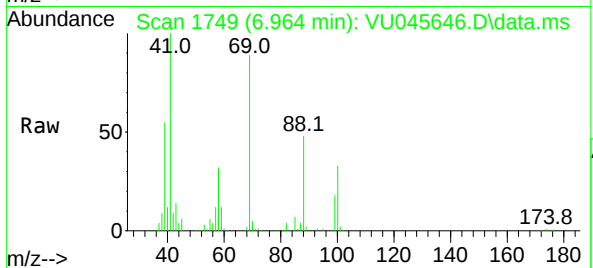
58 68.0 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#50

Toluene-d8

Concen: 50.127 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045646.D

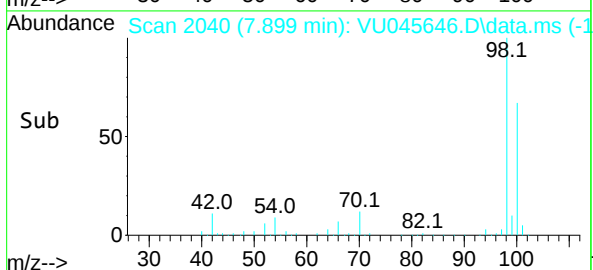
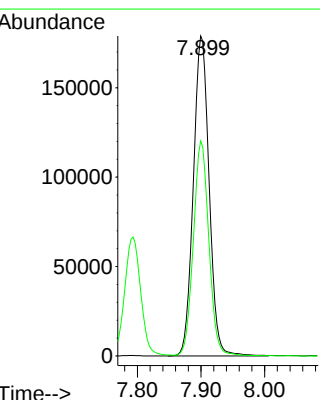
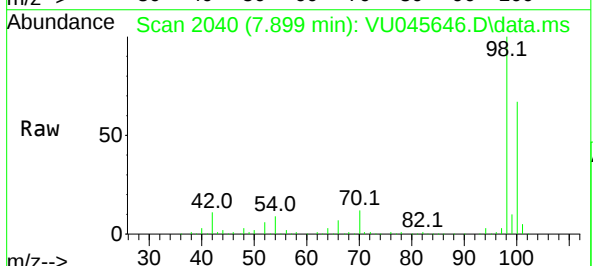
Acq: 09 Nov 2021 03:49

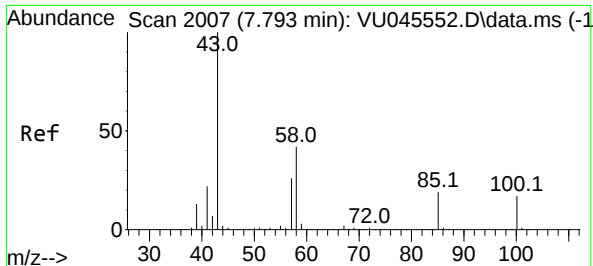
Tgt Ion: 98 Resp: 309018

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 252.960 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 70986

Ion Ratio Lower Upper

43 100

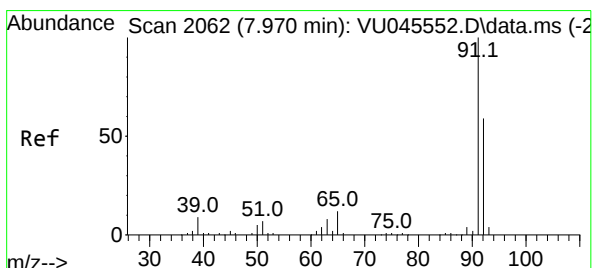
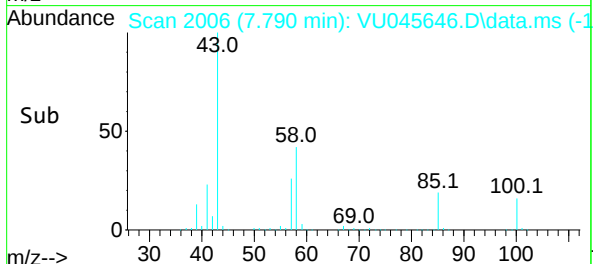
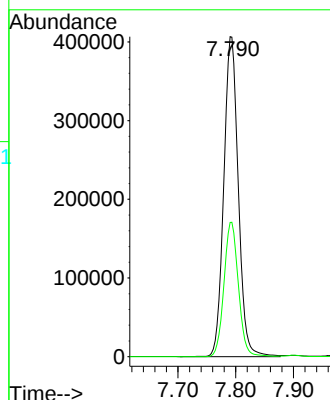
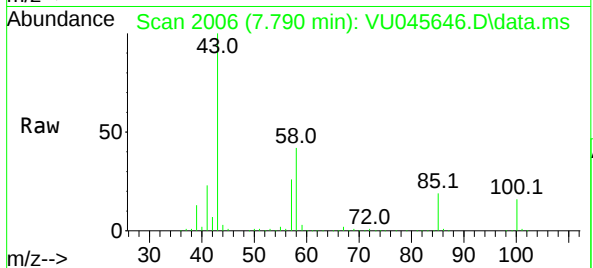
58 41.8 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#52

Toluene

Concen: 49.335 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU045646.D

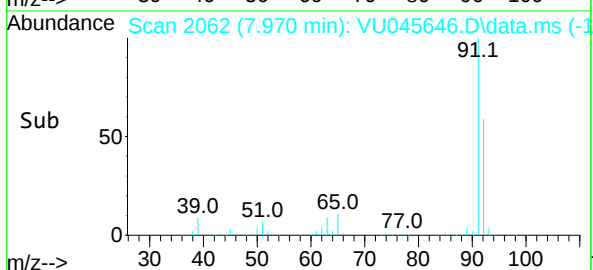
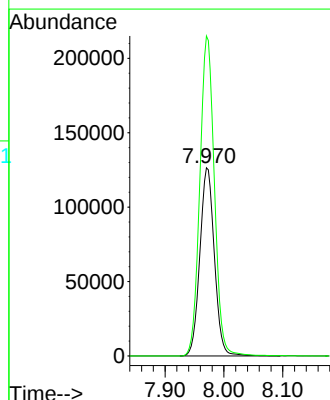
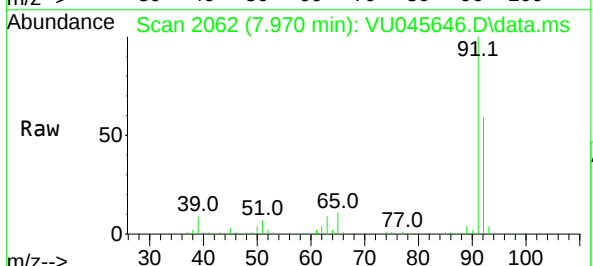
Acq: 09 Nov 2021 03:49

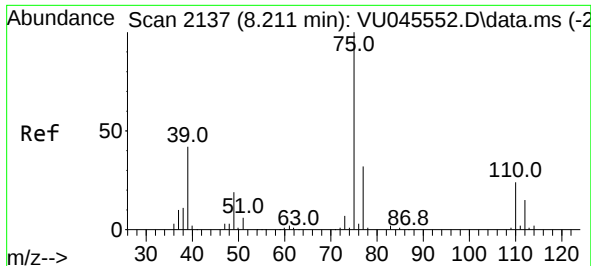
Tgt Ion: 92 Resp: 216512

Ion Ratio Lower Upper

92 100

91 170.9 135.6 203.4





#53
 t-1,3-Dichloropropene
 Concen: 47.174 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU045646.D
 Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

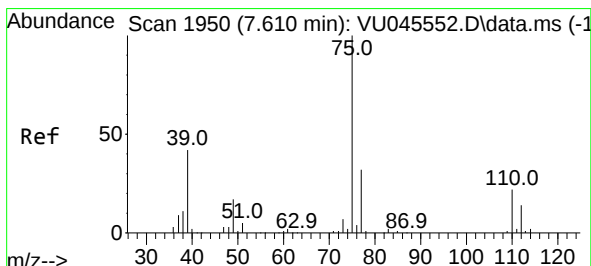
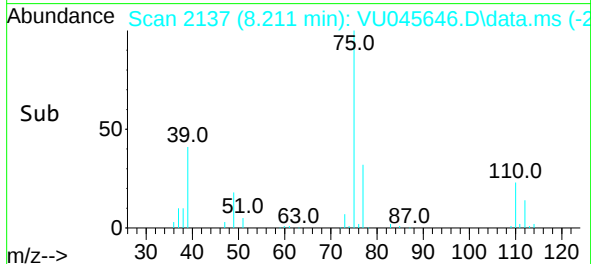
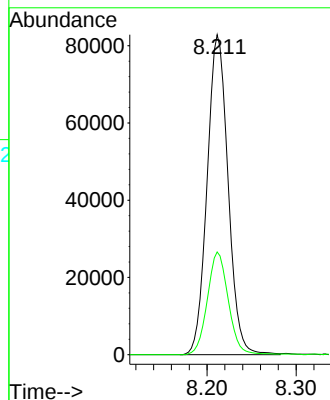
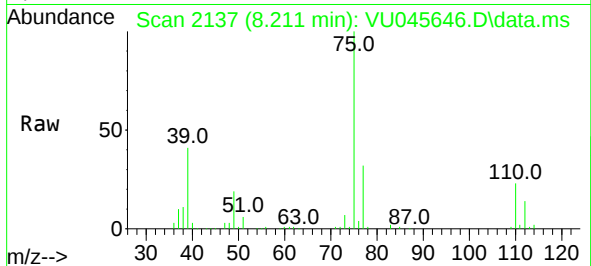
VSTDCCC050EC

Tgt Ion: 75 Resp: 13519
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8

Manual Integrations

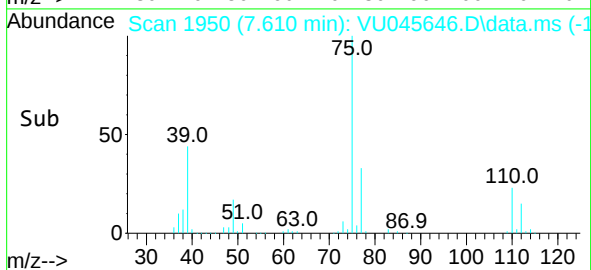
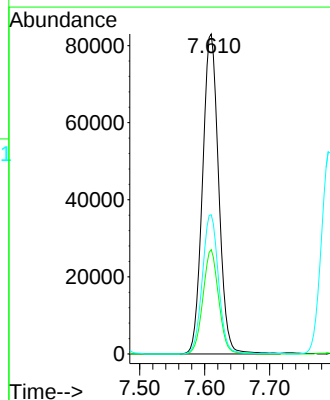
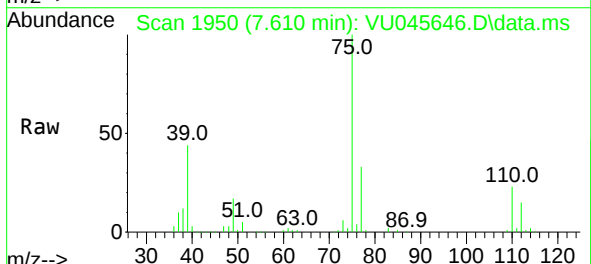
APPROVED

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



#54
 cis-1,3-Dichloropropene
 Concen: 47.229 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045646.D
 Acq: 09 Nov 2021 03:49

Tgt Ion: 75 Resp: 143766
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 37.0
 39 43.5 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 49.902 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

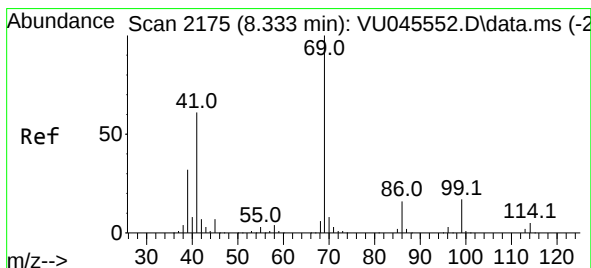
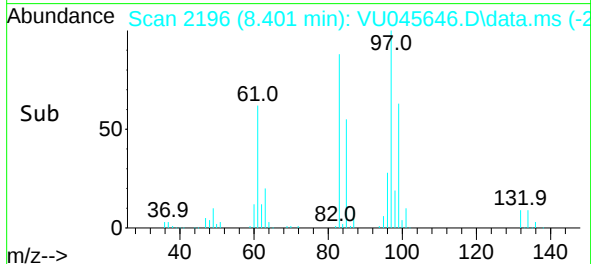
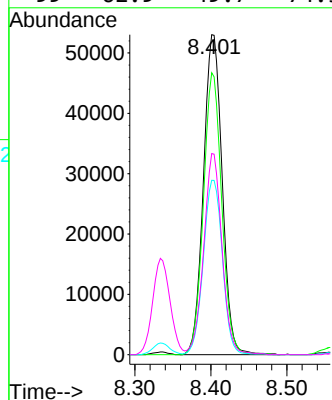
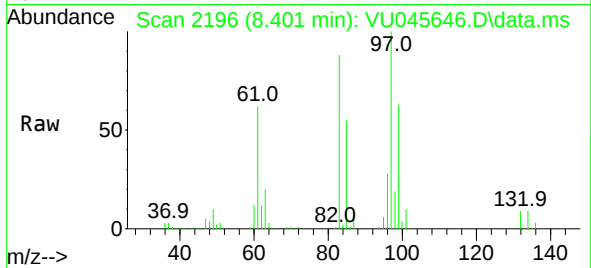
VSTDCCC050EC

Tgt Ion: 97 Resp: 9076
Ion Ratio Lower Upper
97 100
83 88.1 70.3 105.5
85 54.5 45.5 68.3
99 62.9 49.7 74.5

Manual Integrations

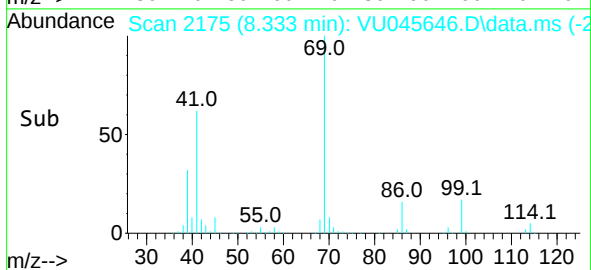
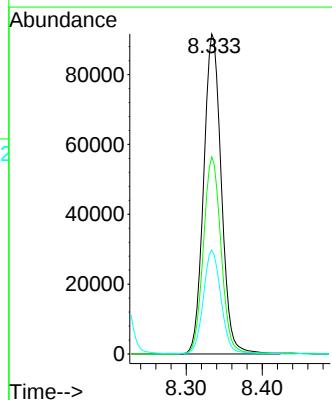
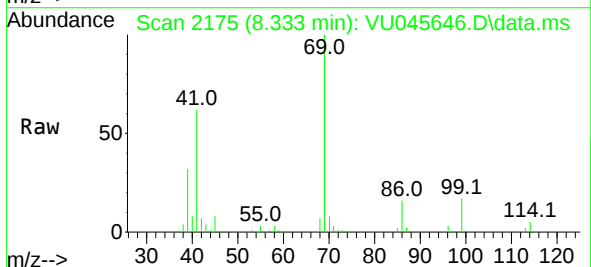
APPROVED

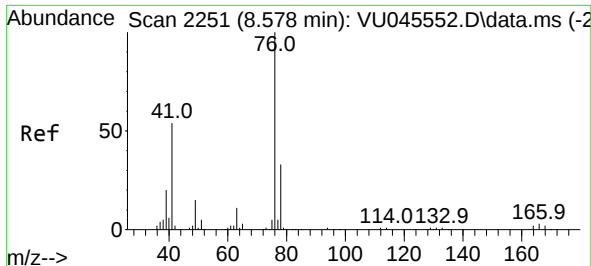
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#56
Ethyl methacrylate
Concen: 45.569 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion: 69 Resp: 147929
Ion Ratio Lower Upper
69 100
41 61.7 51.0 76.4
39 32.7 26.6 39.8





#57

1,3-Dichloropropane

Concen: 48.697 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15953

Ion Ratio Lower Upper

76 100

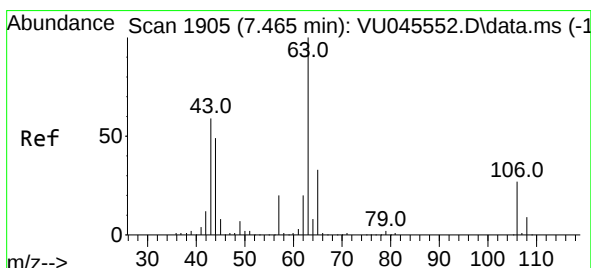
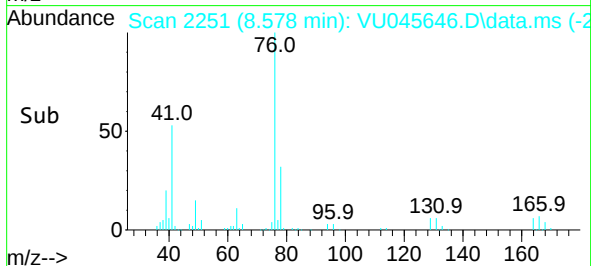
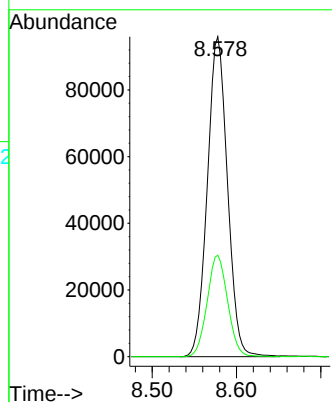
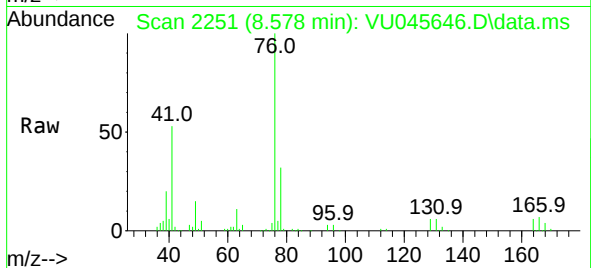
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 209.241 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045646.D

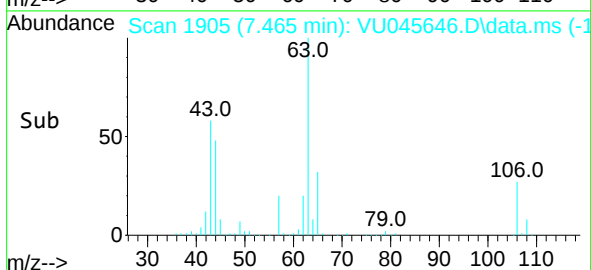
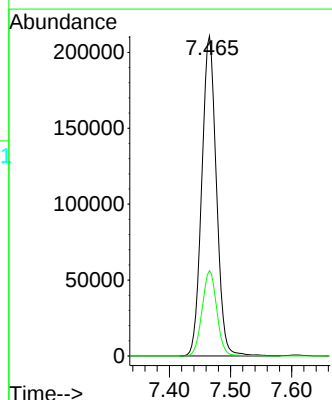
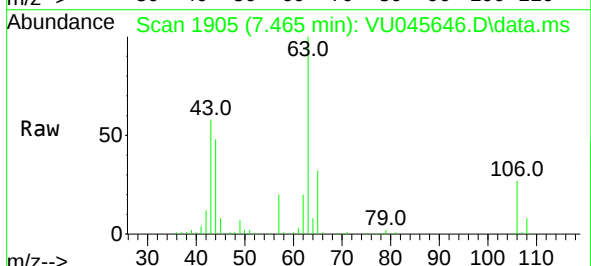
Acq: 09 Nov 2021 03:49

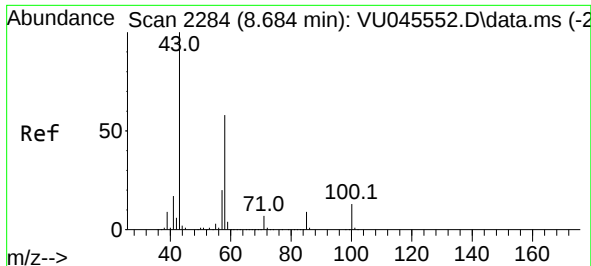
Tgt Ion: 63 Resp: 350376

Ion Ratio Lower Upper

63 100

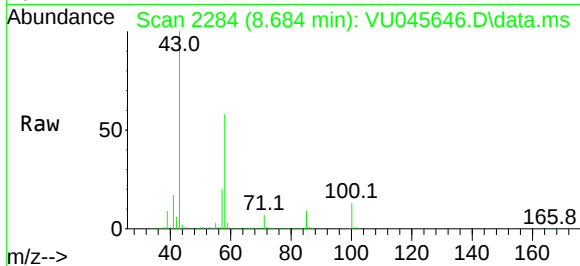
106 26.8 21.0 31.4





#59
2-Hexanone
Concen: 226.741 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

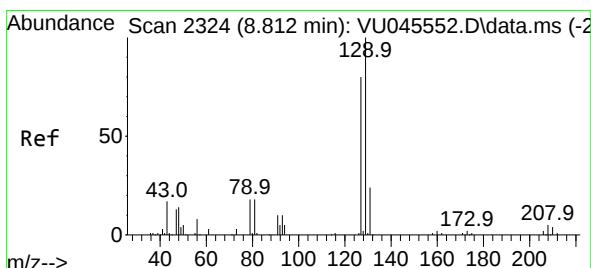
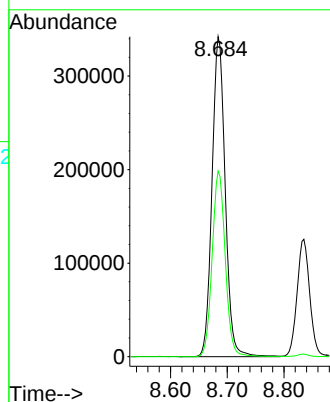
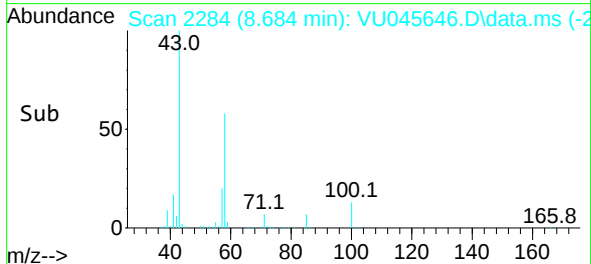
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 55189
Ion Ratio Lower Upper
43 100
58 57.6 29.5 88.6

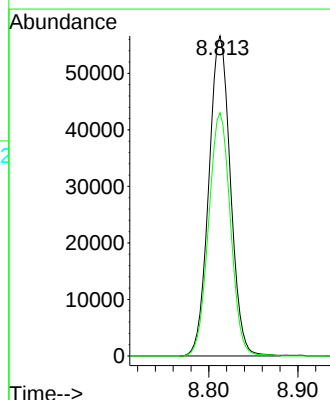
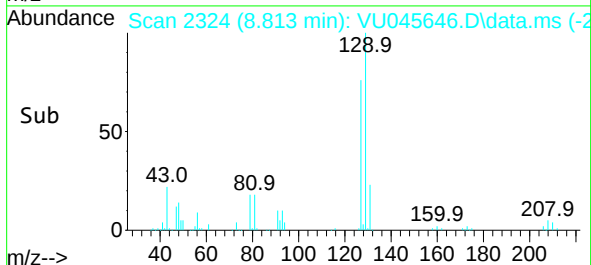
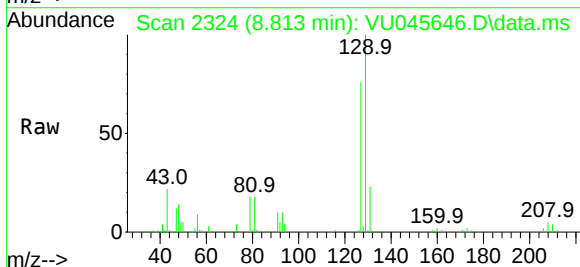
Manual Integrations
APPROVED

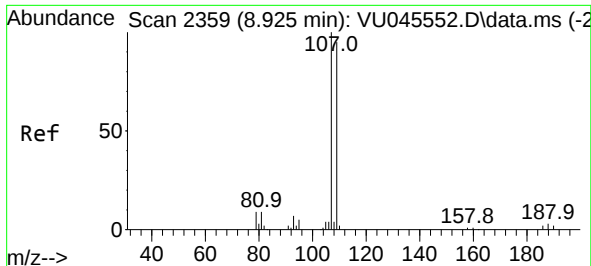
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#60
Dibromochloromethane
Concen: 50.358 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

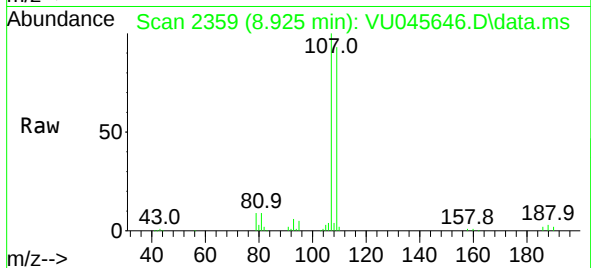
Tgt Ion:129 Resp: 95377
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61
1,2-Dibromoethane
Concen: 49.499 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

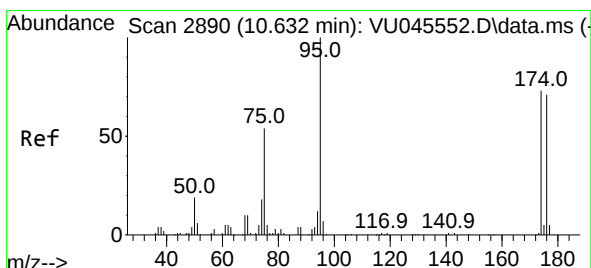
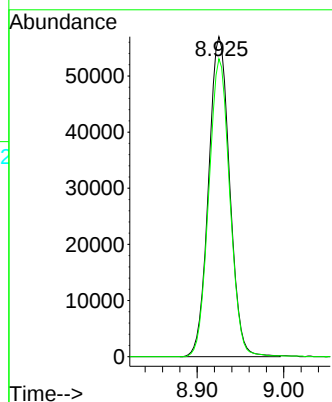
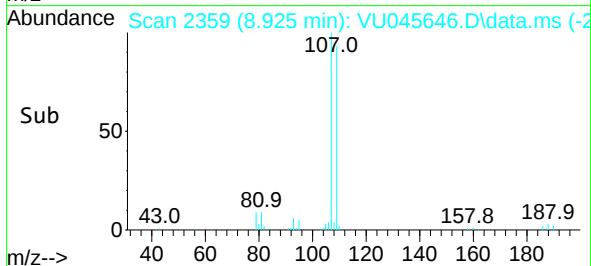
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



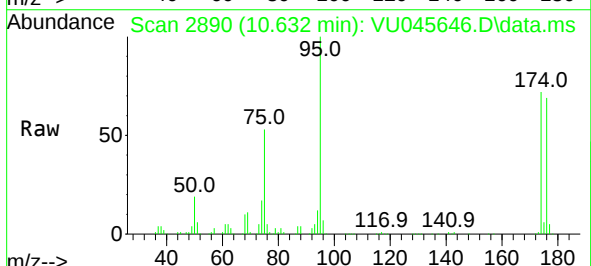
Tgt Ion: 107 Resp: 9656
Ion Ratio Lower Upper
107 100
109 92.5 75.8 113.8

Manual Integrations
APPROVED

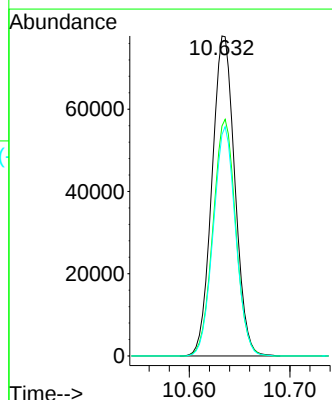
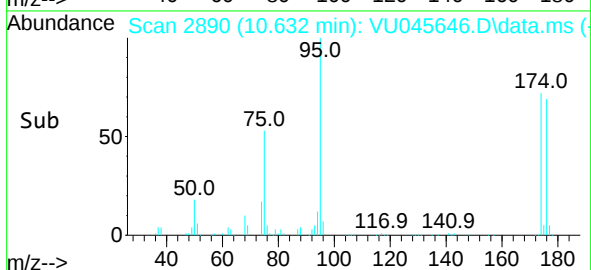
Reviewed By : John Carlone 11/09/2021
Supervised By : Mahesh Dadoda 11/15/2021

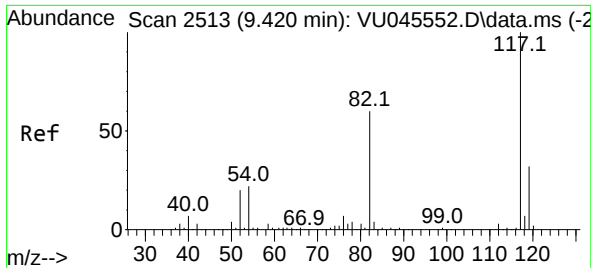


#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



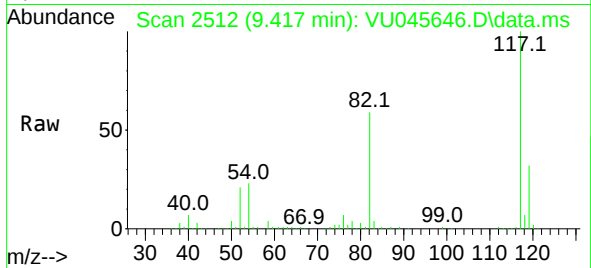
Tgt Ion: 95 Resp: 122878
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 70.1 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

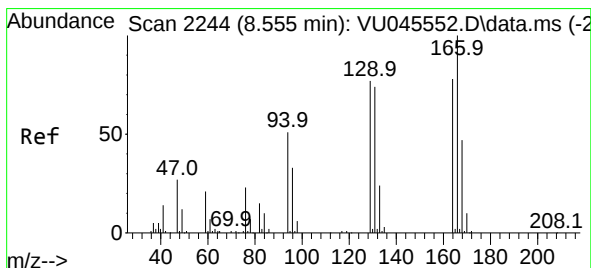
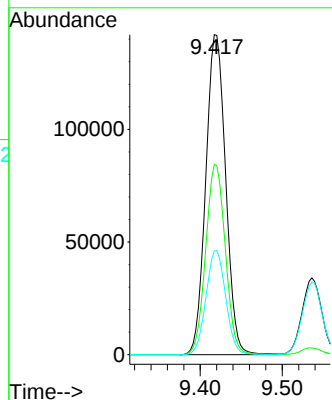
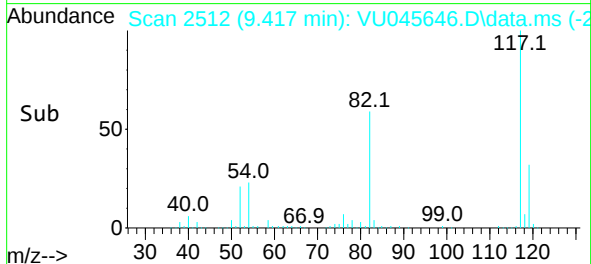
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 239350
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.8
119 32.4 25.8 38.8

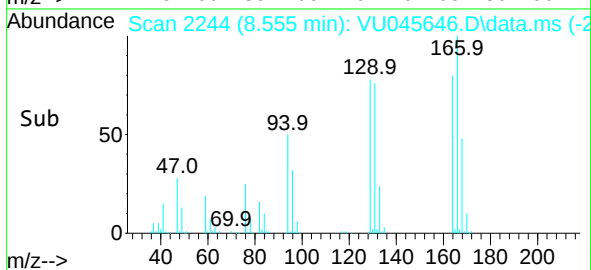
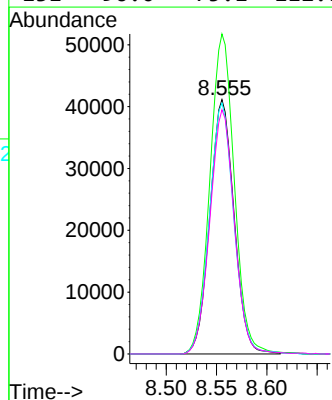
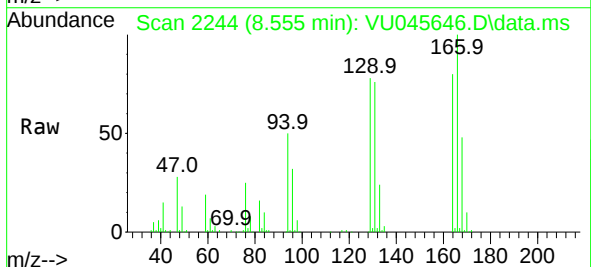
Manual Integrations
APPROVED

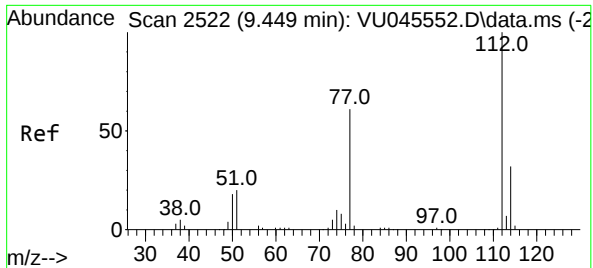
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#64
Tetrachloroethene
Concen: 50.159 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion:164 Resp: 68907
Ion Ratio Lower Upper
164 100
166 125.8 102.2 153.4
129 98.6 78.2 117.4
131 96.0 75.1 112.7





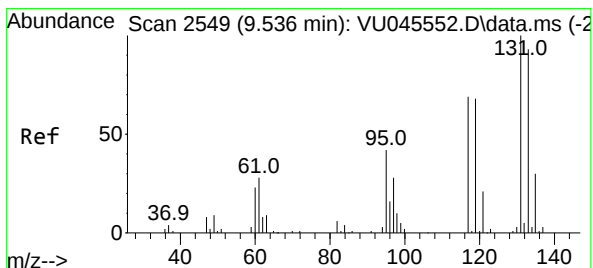
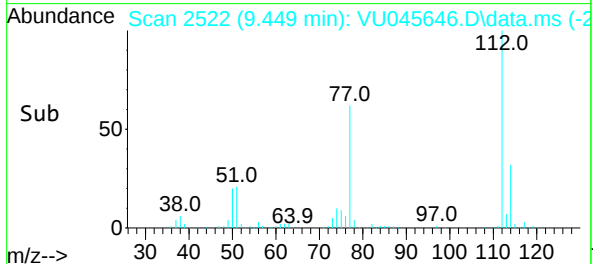
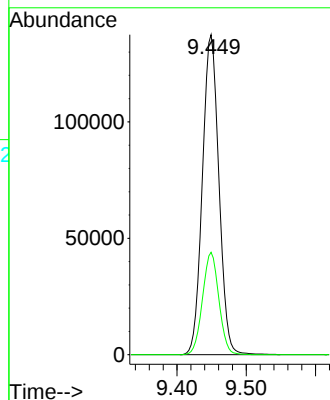
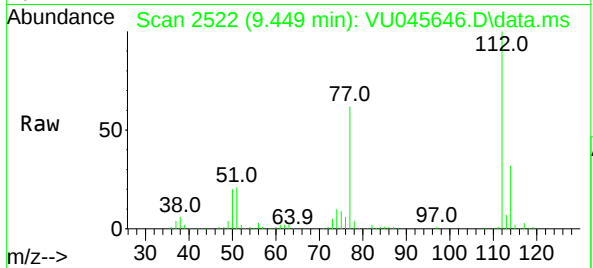
#65
Chlorobenzene
Concen: 48.353 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 22732
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

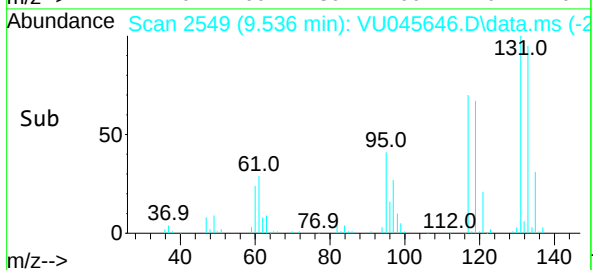
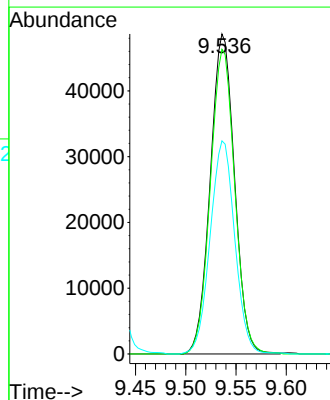
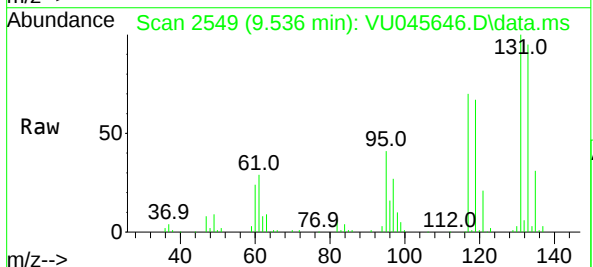
Manual Integrations
APPROVED

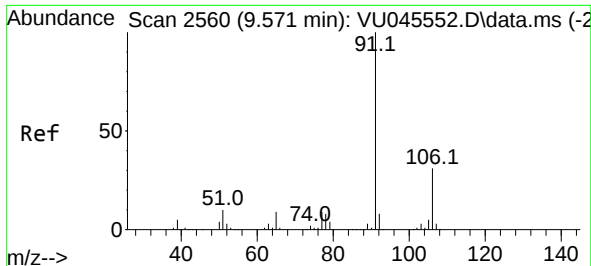
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 48.704 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion:131 Resp: 81665
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 67.7 34.5 103.6





#67

Ethyl Benzene

Concen: 49.315 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 41520

Ion Ratio Lower Upper

91 100

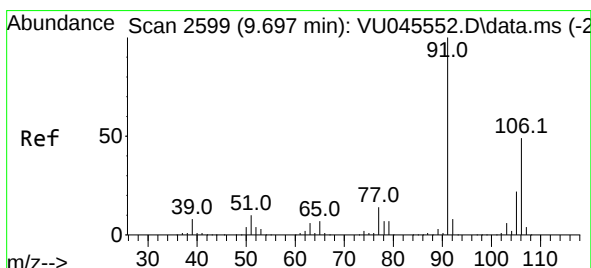
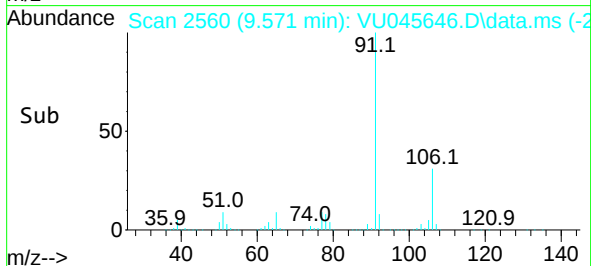
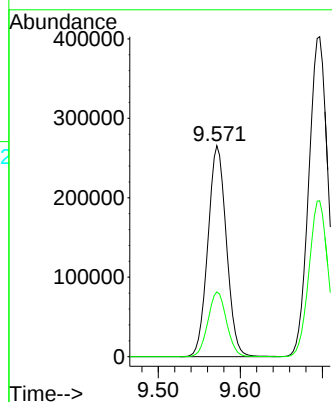
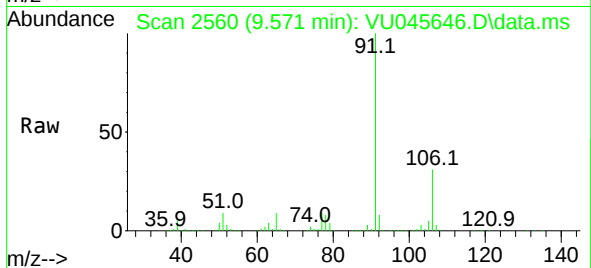
106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#68

m/p-Xylenes

Concen: 100.806 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045646.D

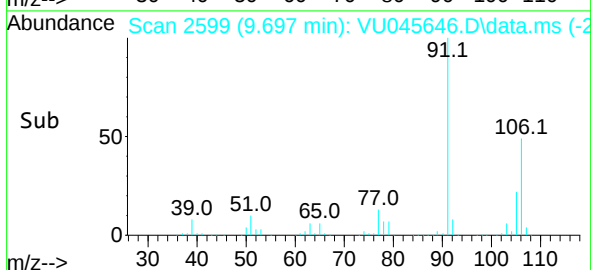
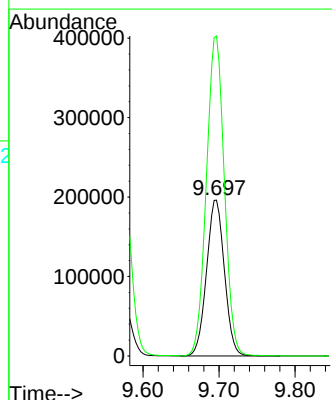
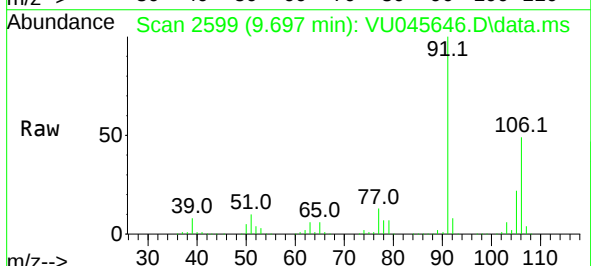
Acq: 09 Nov 2021 03:49

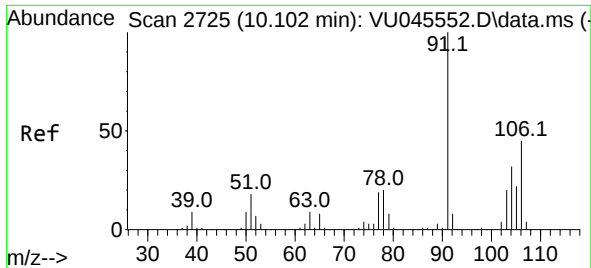
Tgt Ion:106 Resp: 320084

Ion Ratio Lower Upper

106 100

91 206.3 164.7 247.1





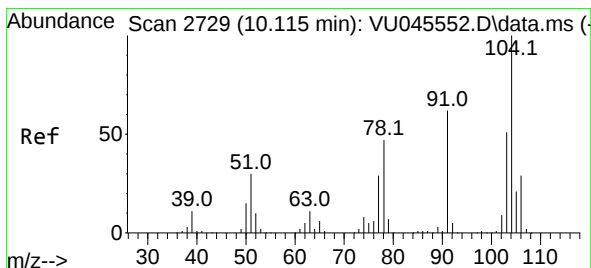
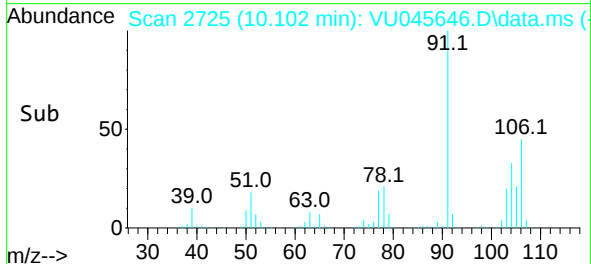
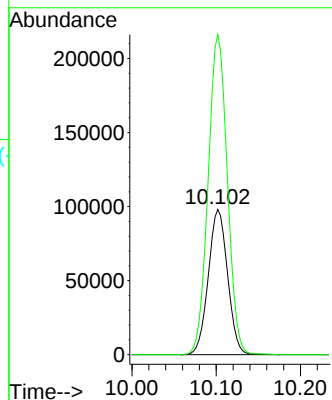
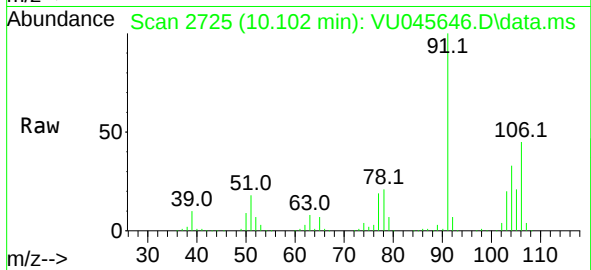
#69
o-Xylene
Concen: 50.558 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 156074
Ion Ratio Lower Upper
106 100
91 219.6 108.7 326.3

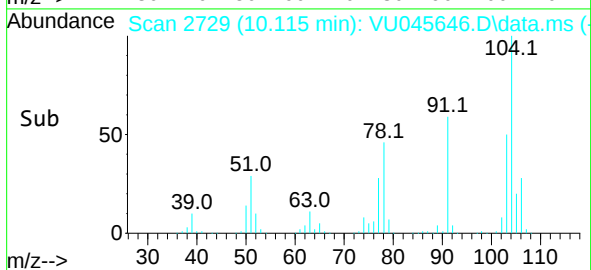
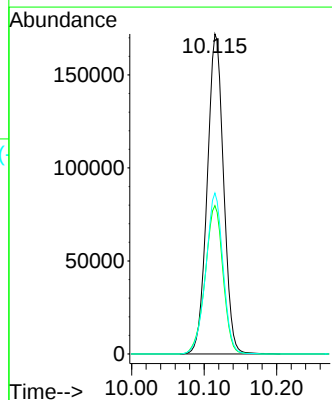
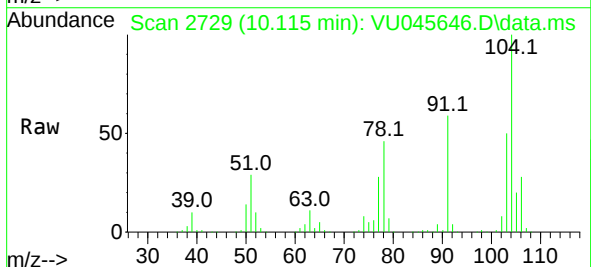
Manual Integrations
APPROVED

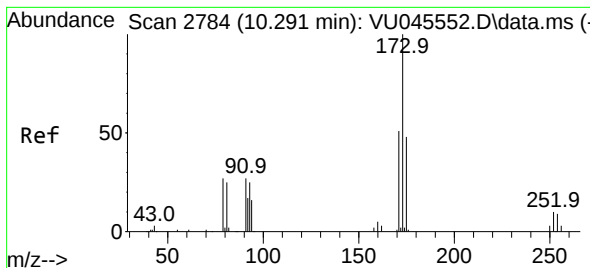
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#70
Styrene
Concen: 51.694 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion:104 Resp: 269971
Ion Ratio Lower Upper
104 100
78 50.5 41.8 62.6
103 53.2 43.8 65.6





#71

Bromoform

Concen: 44.513 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

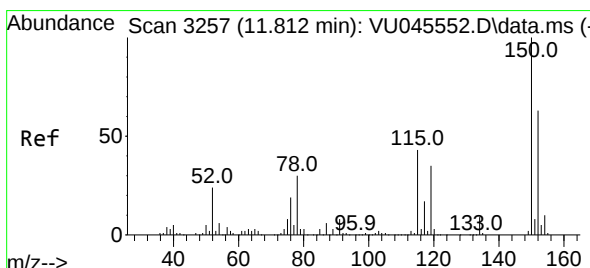
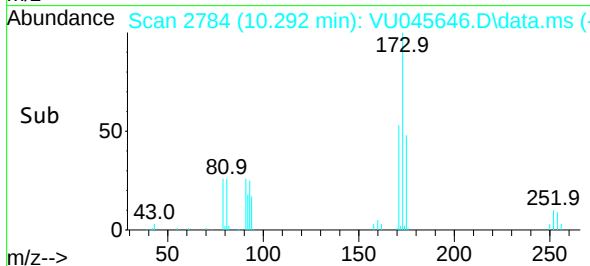
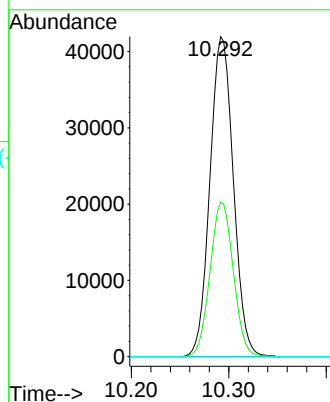
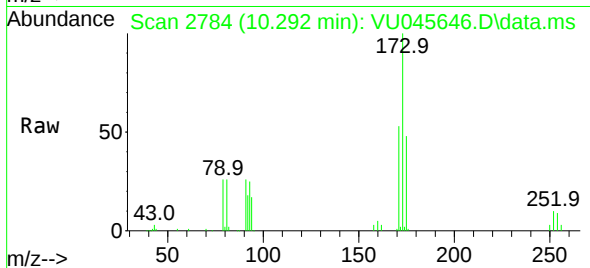
Tgt Ion:173 Resp: 70072
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.2
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

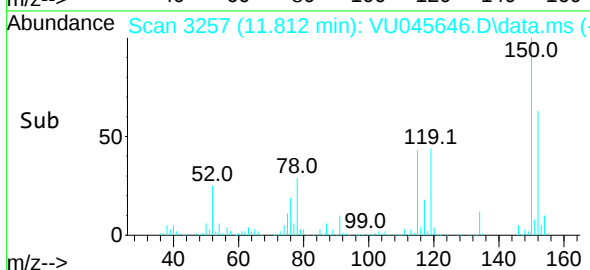
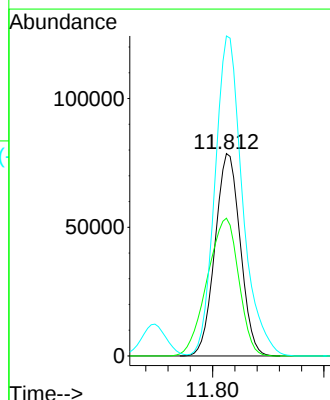
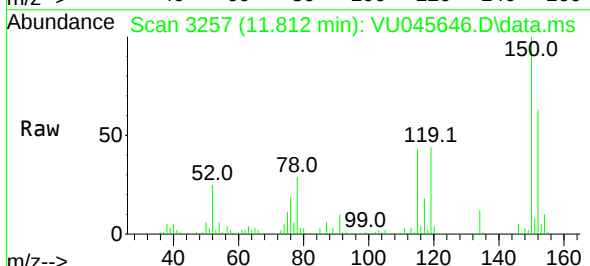
RT: 11.812 min Scan# 3257

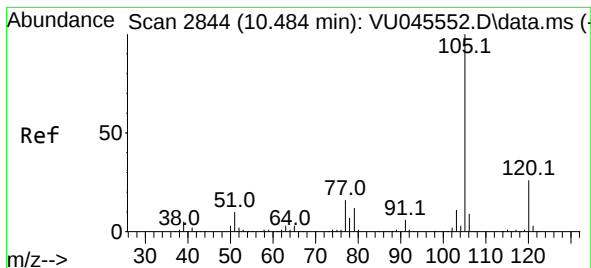
Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Tgt Ion:152 Resp: 123747
 Ion Ratio Lower Upper
 152 100
 115 84.8 42.7 128.1
 150 172.6 0.0 346.8





#73

Isopropylbenzene

Concen: 50.665 ug/l

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 409654

Ion Ratio Lower Upper

105 100

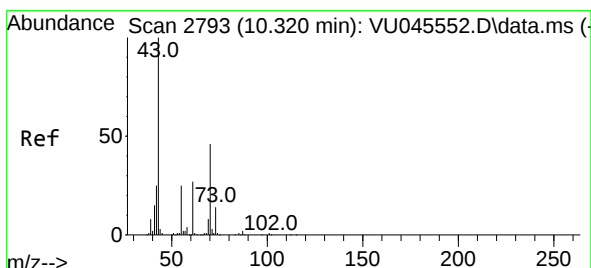
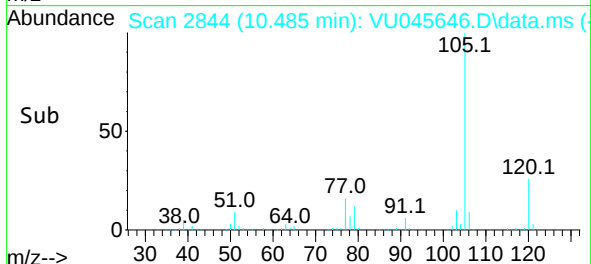
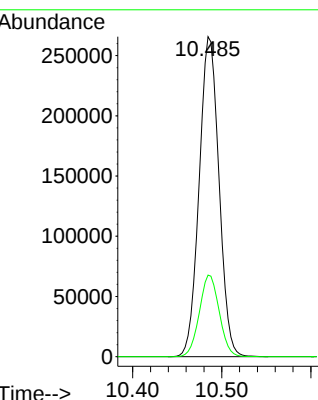
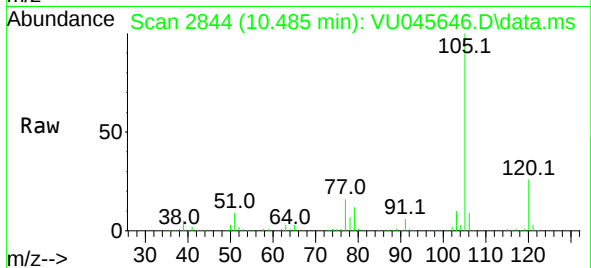
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#74

N-ethyl acetate

Concen: 52.669 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Tgt Ion: 43 Resp: 192113

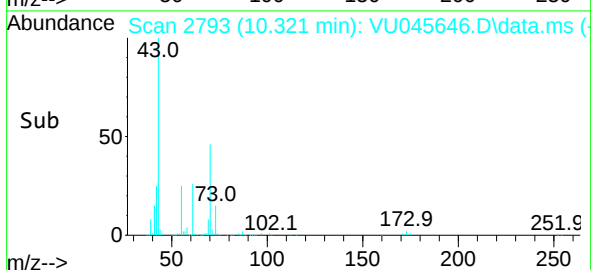
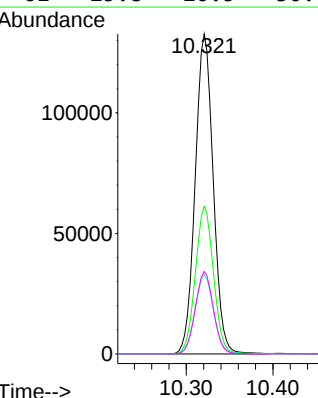
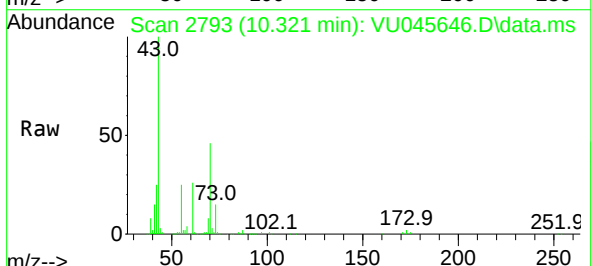
Ion Ratio Lower Upper

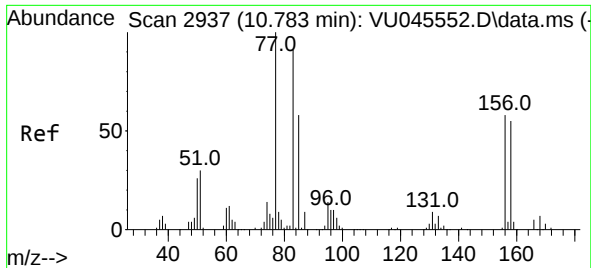
43 100

70 46.4 36.9 55.3

55 25.6 20.6 31.0

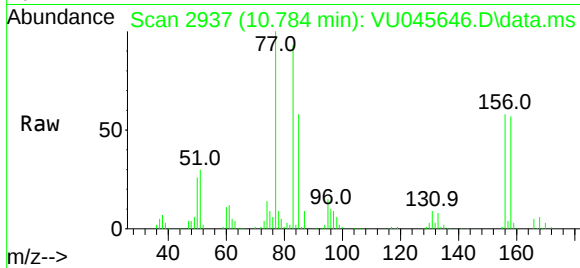
61 25.8 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.174 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

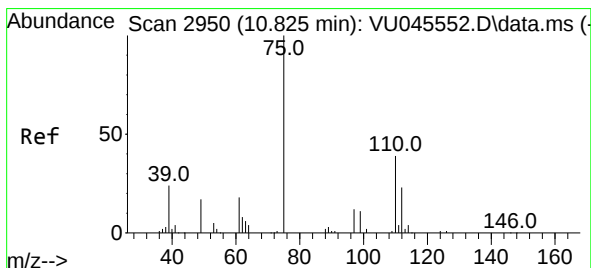
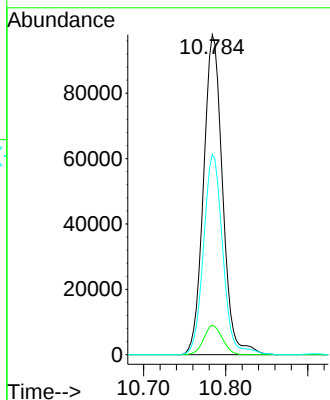
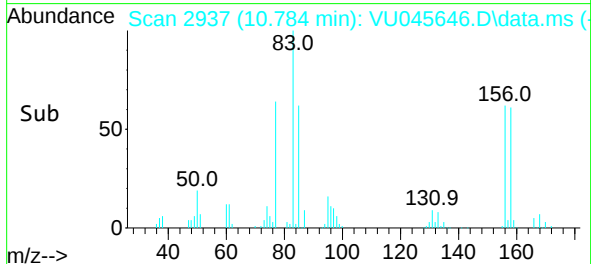
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



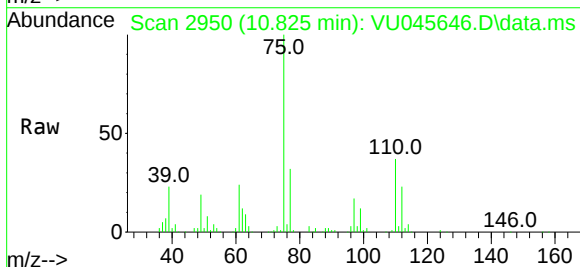
Tgt Ion: 83 Resp: 157520
Ion Ratio Lower Upper
83 100
131 8.9 4.4 13.2
85 63.3 31.9 95.9

Manual Integrations
APPROVED

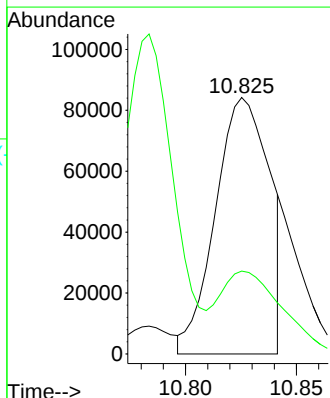
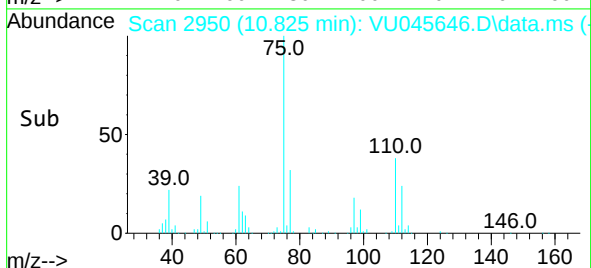
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

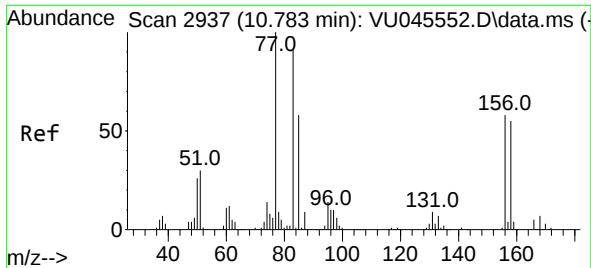


#76
1,2,3-Trichloropropane
Concen: 37.927 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



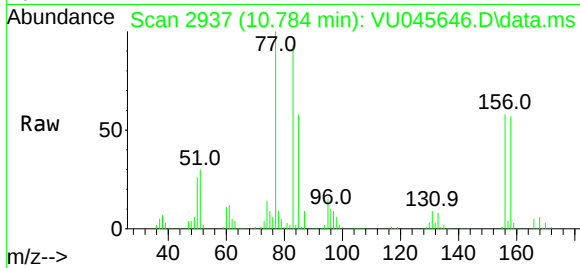
Tgt Ion: 75 Resp: 142330
Ion Ratio Lower Upper
75 100
77 37.9 17.1 51.3





#77
Bromobenzene
Concen: 50.010 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

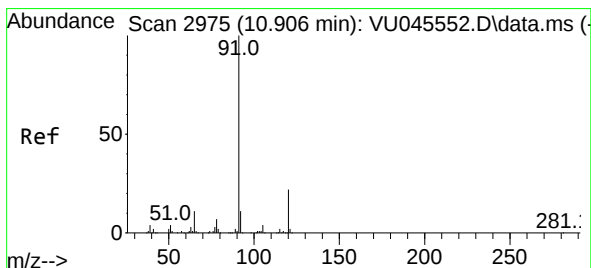
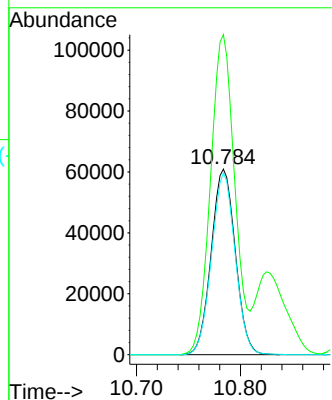
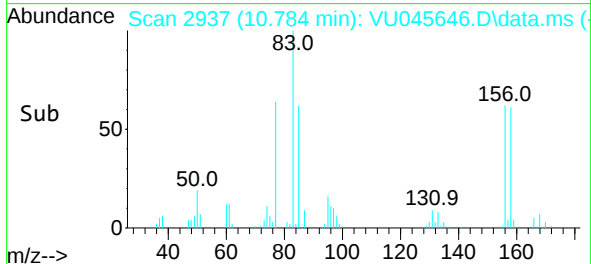
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



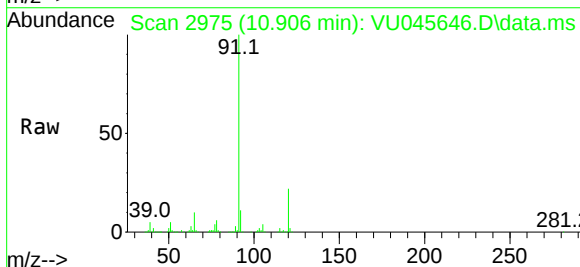
Tgt Ion:156 Resp: 98174
Ion Ratio Lower Upper
156 100
77 173.8 91.1 273.4
158 96.0 47.9 143.6

Manual Integrations
APPROVED

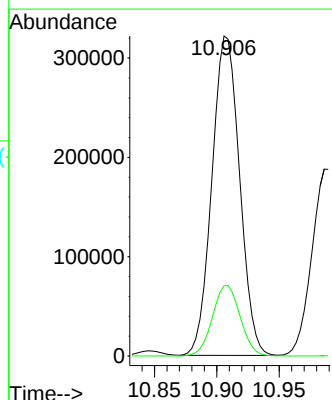
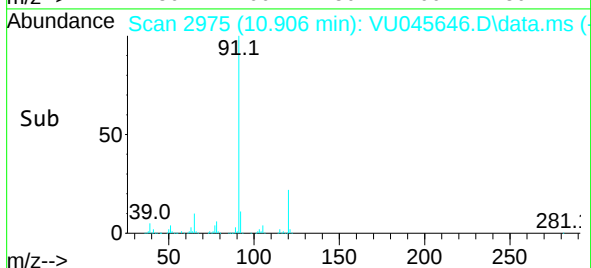
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

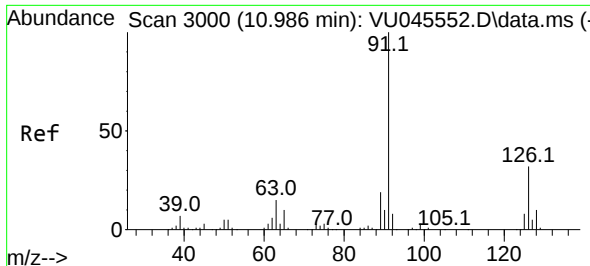


#78
n-propylbenzene
Concen: 49.404 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



Tgt Ion: 91 Resp: 497167
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7





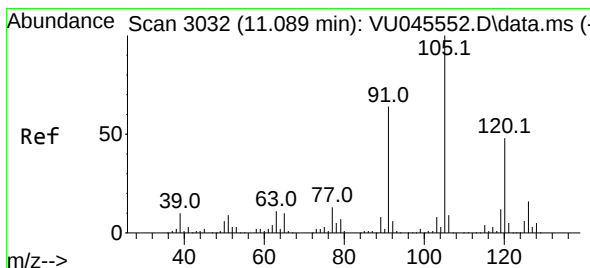
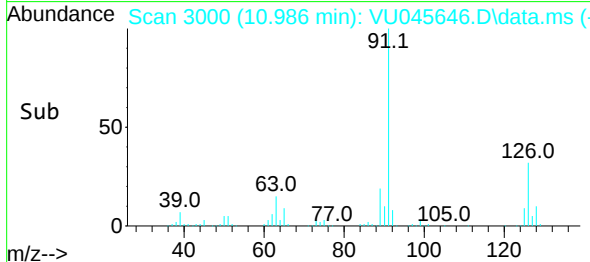
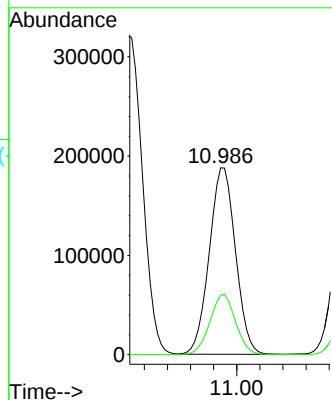
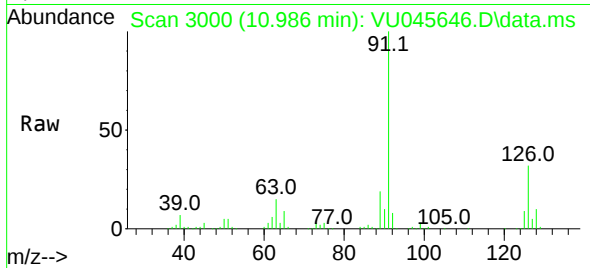
#79
2-Chlorotoluene
Concen: 49.811 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 29615
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.8

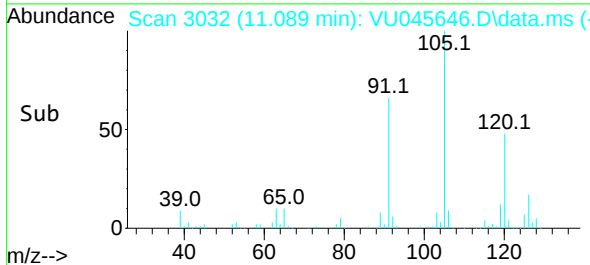
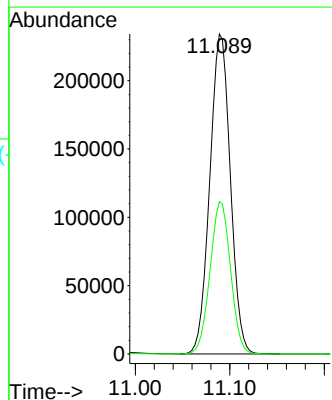
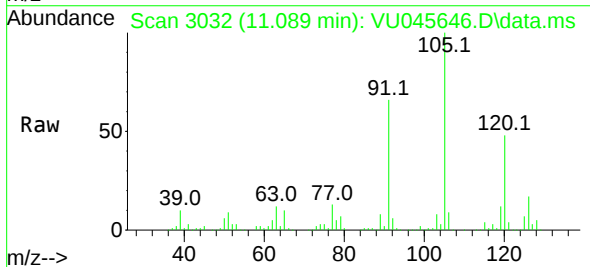
Manual Integrations
APPROVED

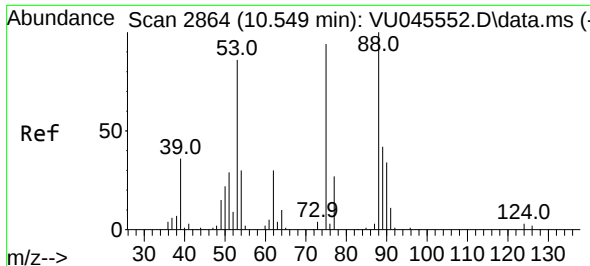
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.047 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

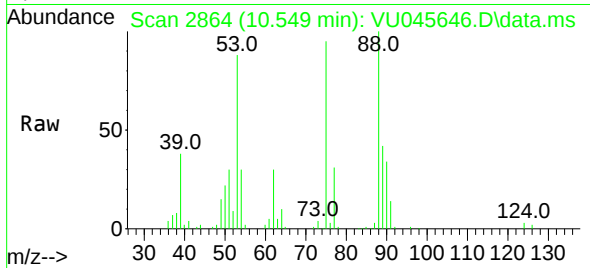
Tgt Ion:105 Resp: 353551
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.227 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

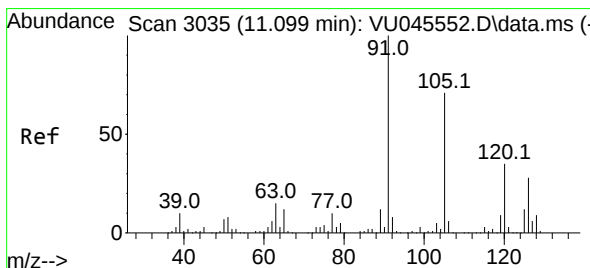
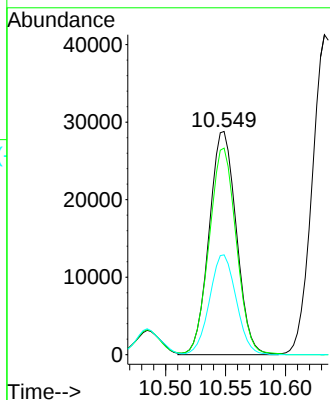
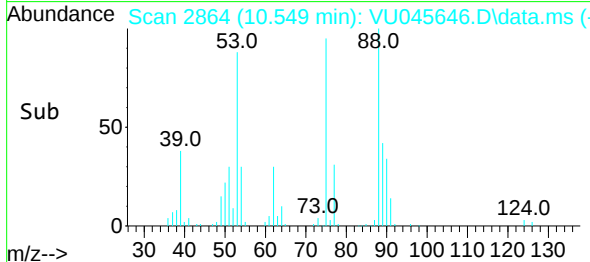
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 45369
Ion Ratio Lower Upper
75 100
53 92.4 76.2 114.4
89 43.9 34.0 51.0

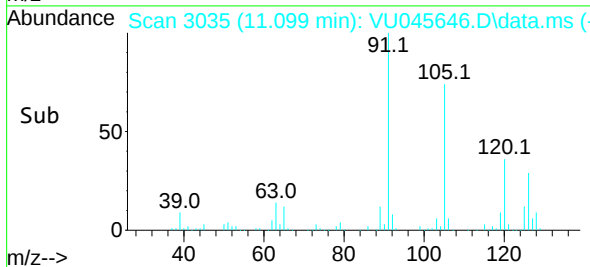
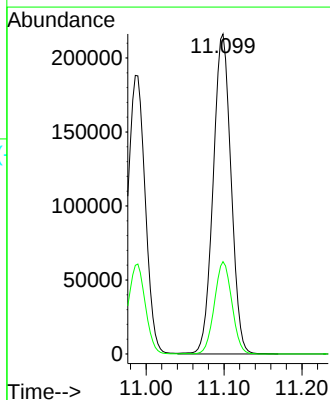
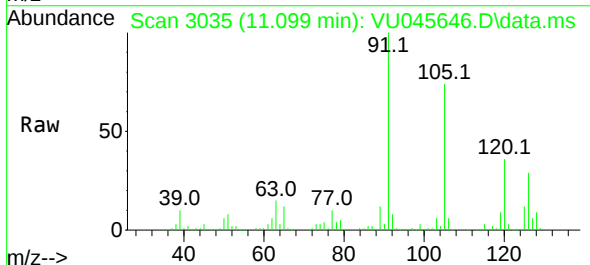
Manual Integrations
APPROVED

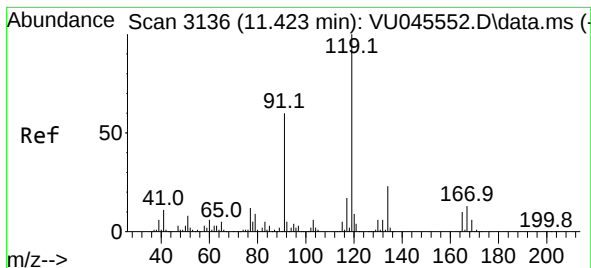
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#82
4-Chlorotoluene
Concen: 49.490 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

Tgt Ion: 91 Resp: 345076
Ion Ratio Lower Upper
91 100
126 28.2 13.8 41.4





#83

tert-Butylbenzene

Concen: 50.182 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 33793

Ion Ratio Lower Upper

119 100

91 59.2 30.5 91.5

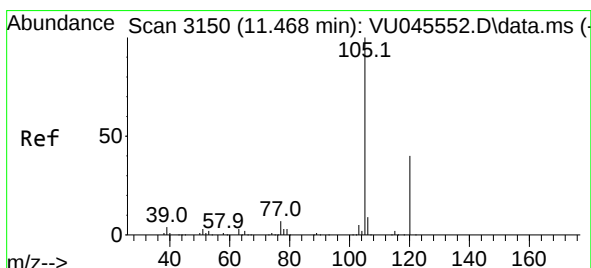
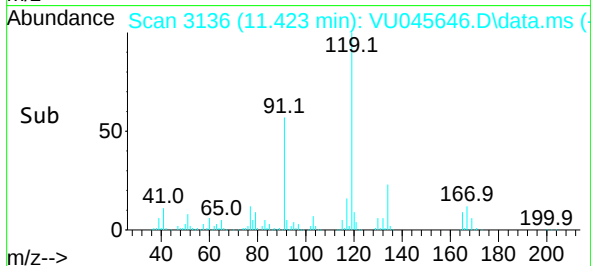
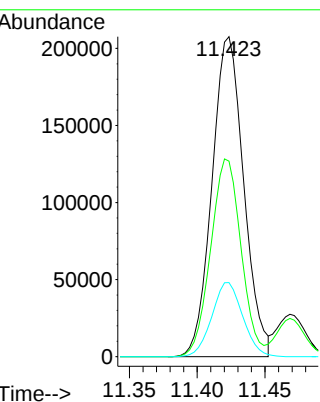
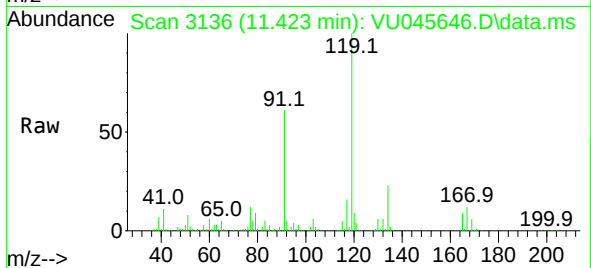
134 22.6 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#84

1,2,4-Trimethylbenzene

Concen: 50.847 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU045646.D

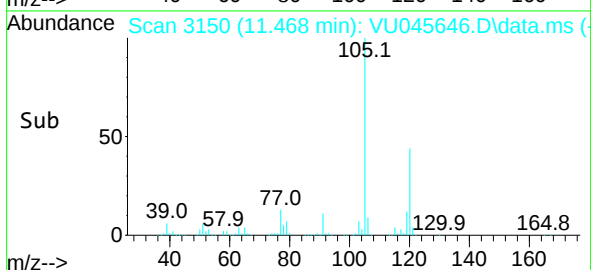
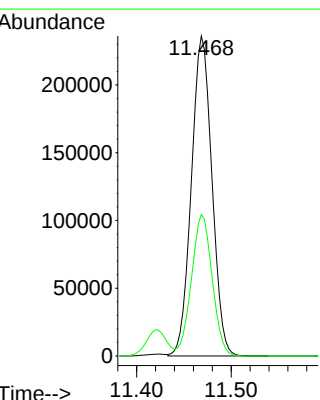
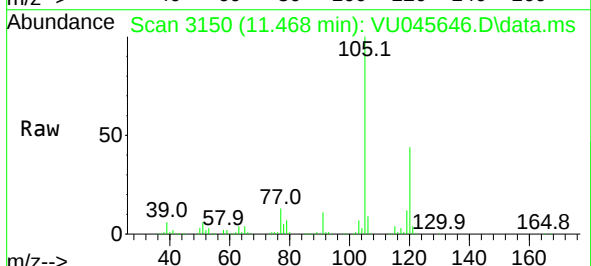
Acq: 09 Nov 2021 03:49

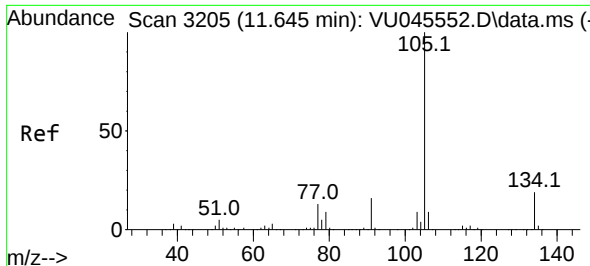
Tgt Ion:105 Resp: 356998

Ion Ratio Lower Upper

105 100

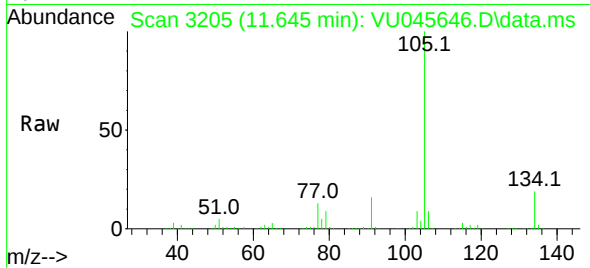
120 44.5 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 49.254 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045646.D
 Acq: 09 Nov 2021 03:49

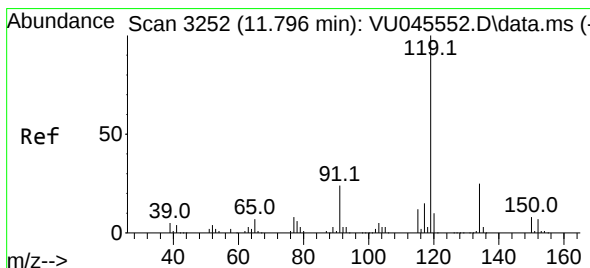
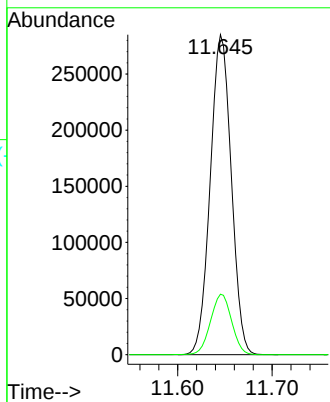
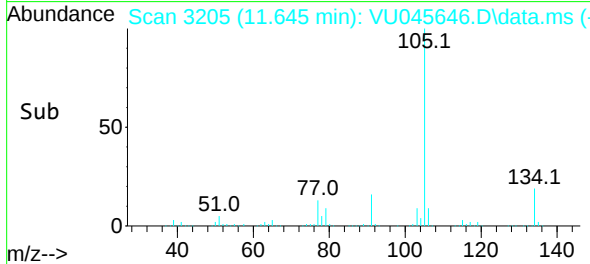
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



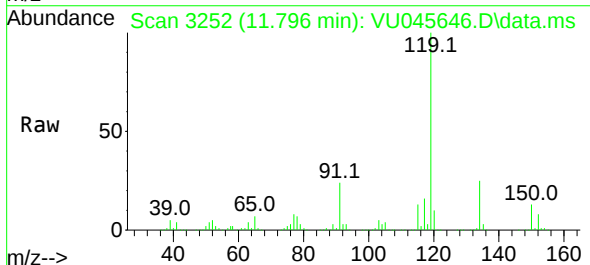
Tgt Ion:105 Resp: 439890
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.3

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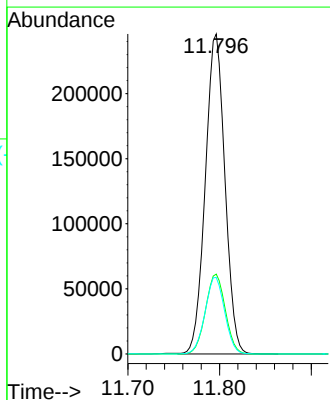
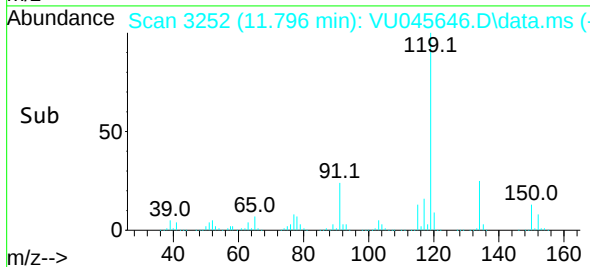
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021

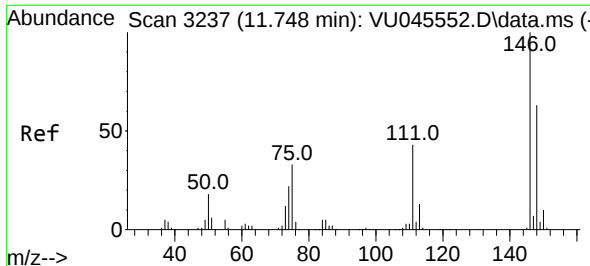


#86
 p-Isopropyltoluene
 Concen: 48.847 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045646.D
 Acq: 09 Nov 2021 03:49



Tgt Ion:119 Resp: 364554
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 46.898 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

Instrument :

MSVOA_U

ClientSampleId :

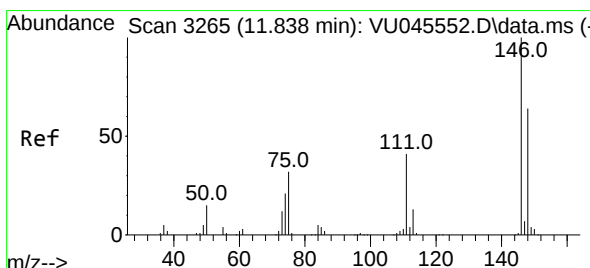
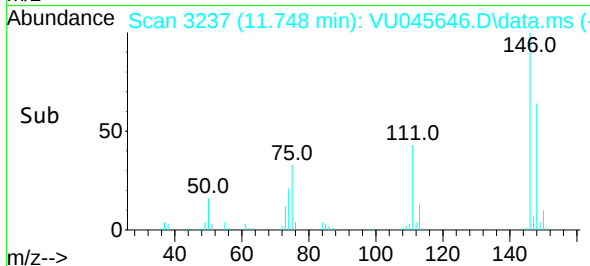
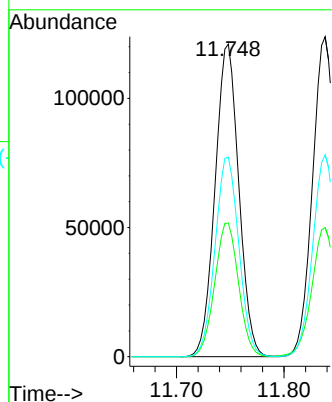
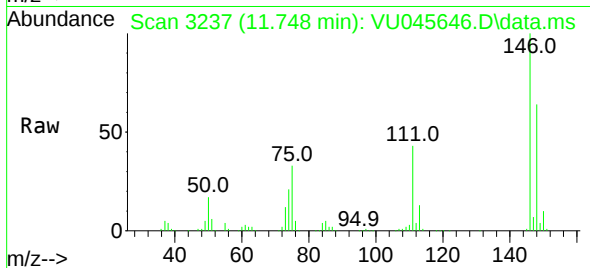
VSTDCCC050EC

Tgt Ion:146 Resp: 185758
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.9
 148 64.2 31.7 95.1

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

Concen: 47.672 ug/l

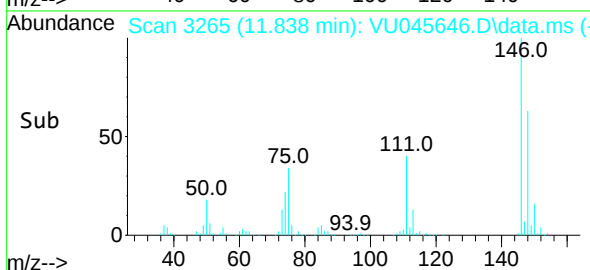
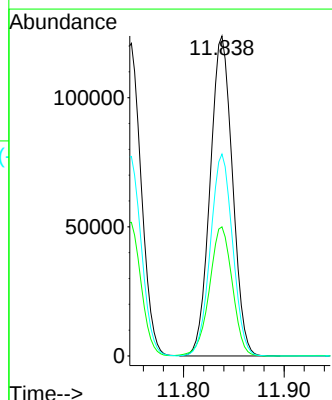
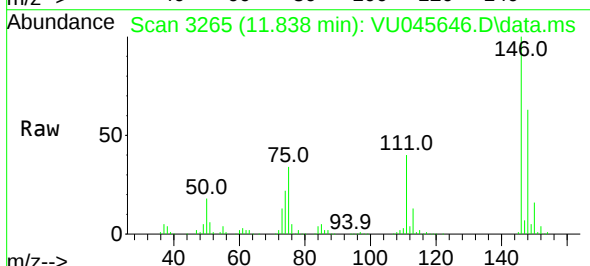
RT: 11.838 min Scan# 3265

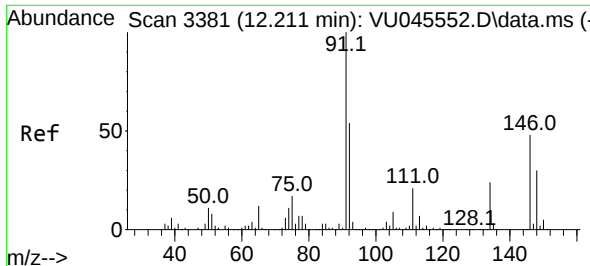
Delta R.T. 0.000 min

Lab File: VU045646.D

Acq: 09 Nov 2021 03:49

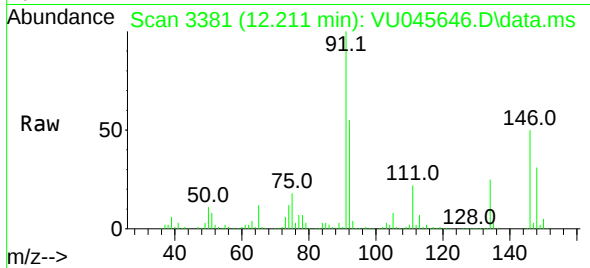
Tgt Ion:146 Resp: 190974
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.9
 148 63.2 31.9 95.7





#89
n-Butylbenzene
Concen: 46.806 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

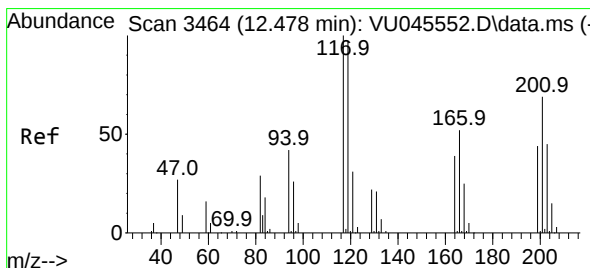
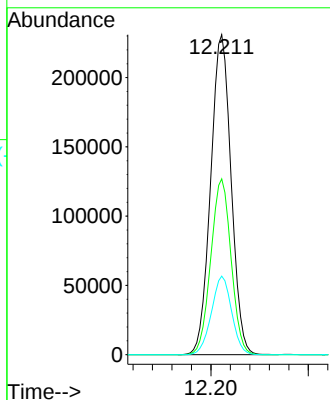
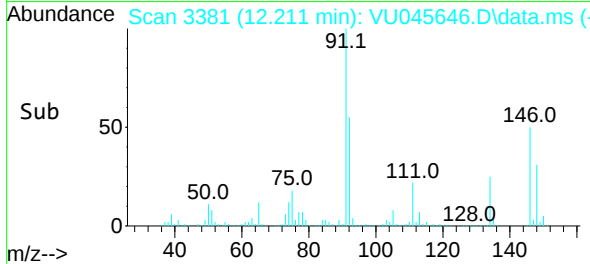
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 336499
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.2
134 24.3 11.8 35.4

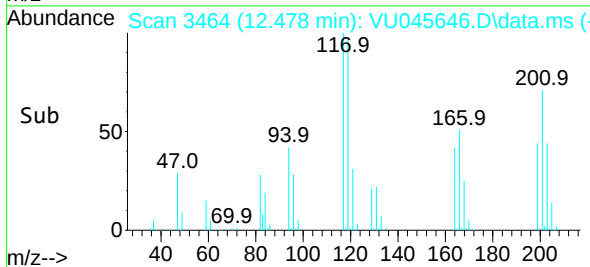
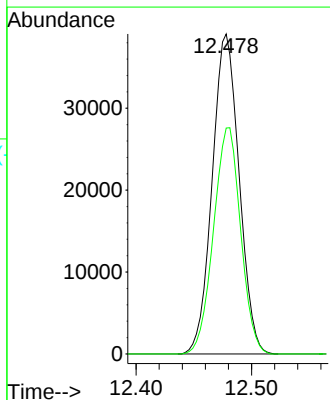
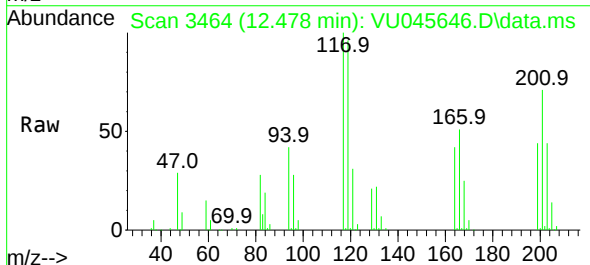
Manual Integrations
APPROVED

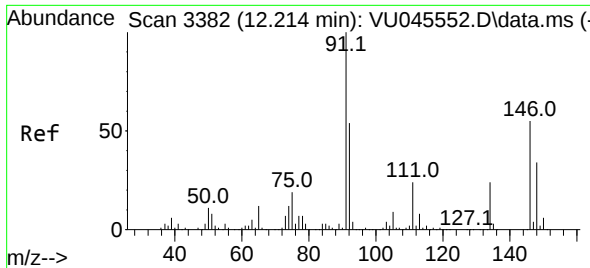
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#90
Hexachloroethane
Concen: 47.029 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

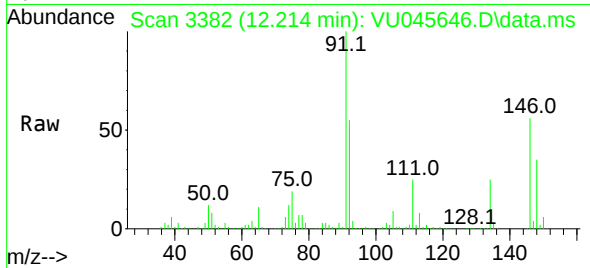
Tgt Ion:117 Resp: 63317
Ion Ratio Lower Upper
117 100
201 71.2 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 48.928 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

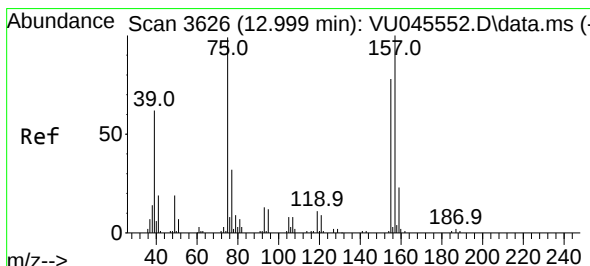
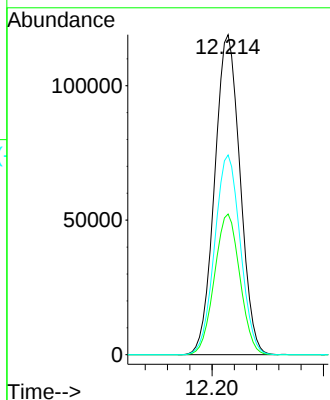
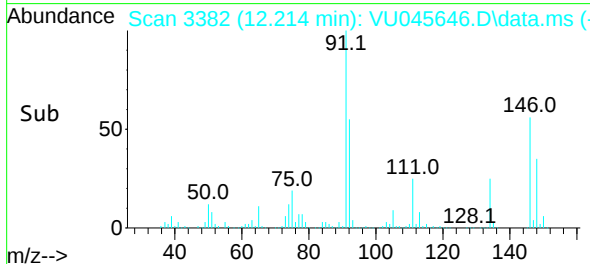
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



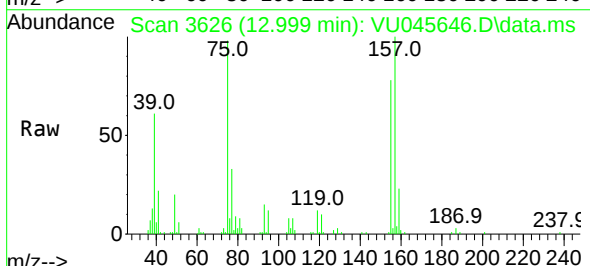
Tgt Ion:146 Resp: 188550
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 63.2 32.1 96.3

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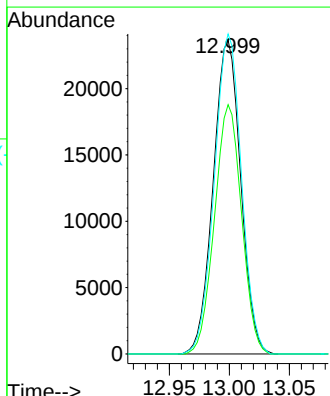
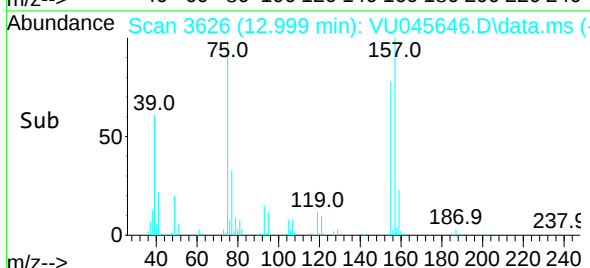
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

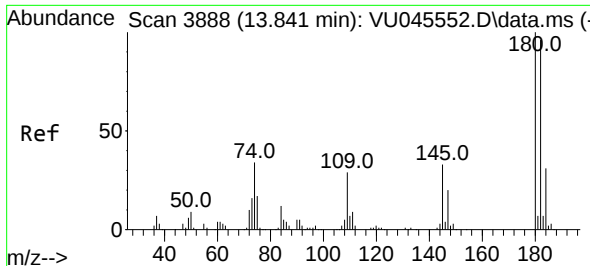


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.926 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



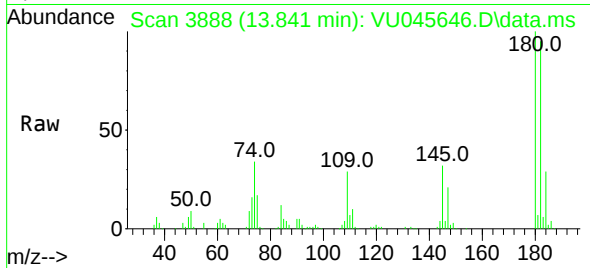
Tgt Ion: 75 Resp: 37738
Ion Ratio Lower Upper
75 100
155 77.9 37.8 113.3
157 100.4 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 47.008 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

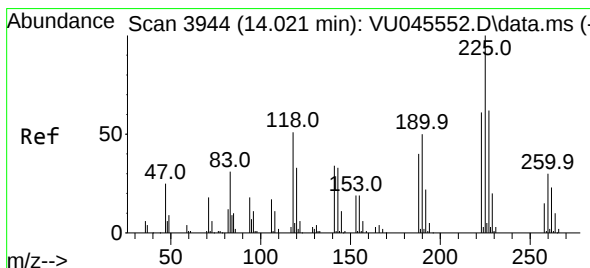
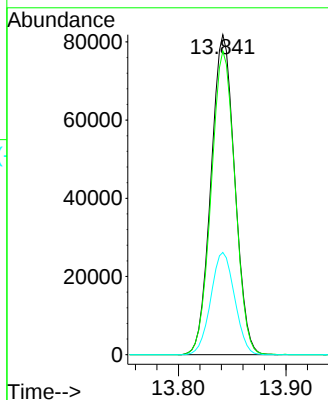
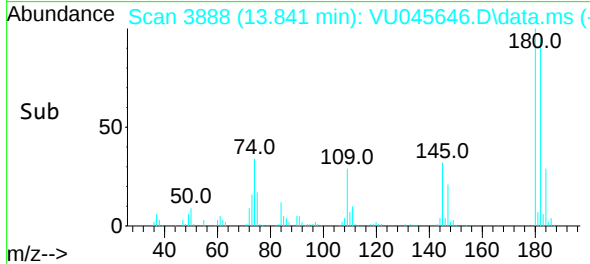
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



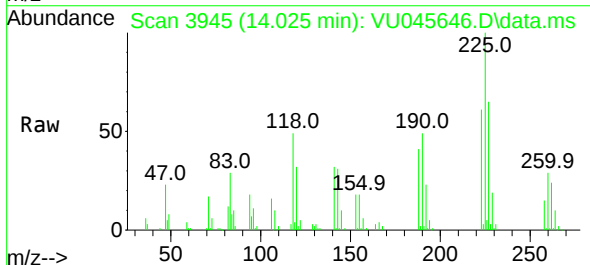
Tgt Ion:180 Resp: 125252
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.2
145 32.2 15.6 46.7

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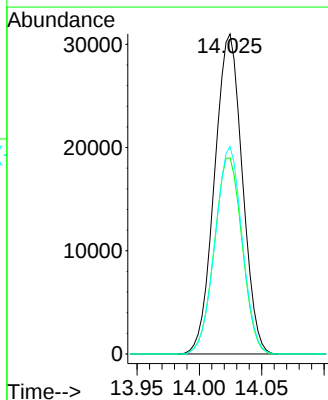
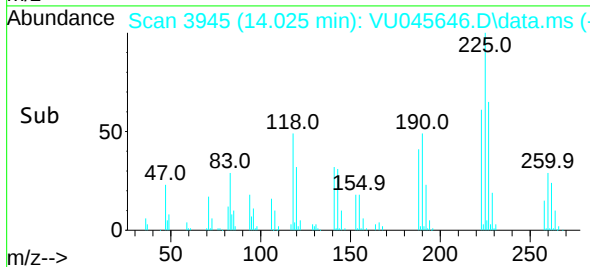
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

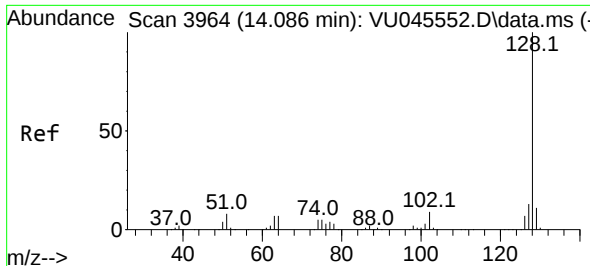


#94
Hexachlorobutadiene
Concen: 41.893 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



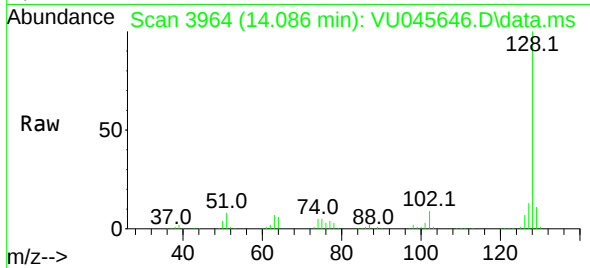
Tgt Ion:225 Resp: 48184
Ion Ratio Lower Upper
225 100
223 61.4 32.0 96.2
227 63.1 31.1 93.5





#95
Naphthalene
Concen: 46.798 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49

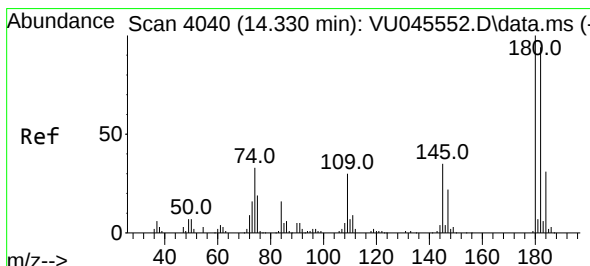
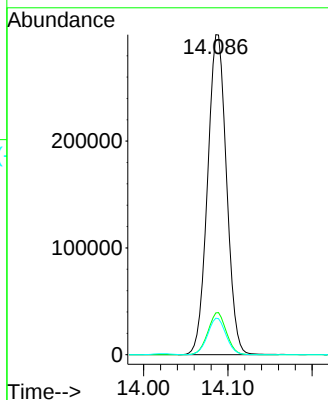
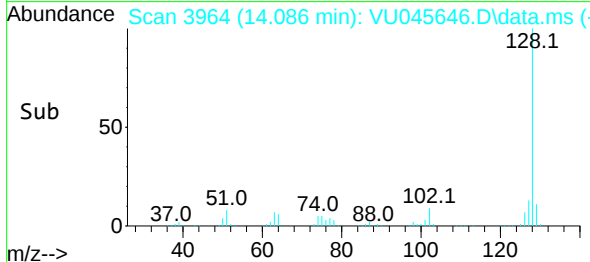
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



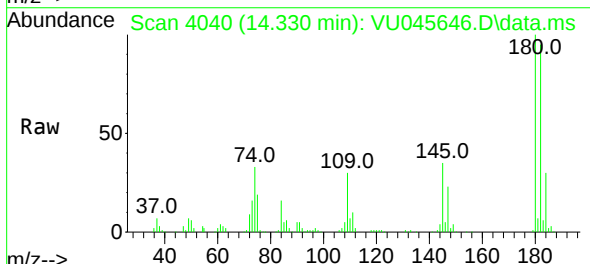
Tgt Ion:128 Resp: 46810
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.756 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045646.D
Acq: 09 Nov 2021 03:49



Tgt Ion:180 Resp: 126388
Ion Ratio Lower Upper
180 100
182 96.1 47.7 143.1
145 34.6 16.7 50.0

