

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045728.D
 Acq On : 11 Nov 2021 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 06:04:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	116031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	196194	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	193129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	103268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	86458	49.754	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.500%			
35) Dibromofluoromethane	5.292	113	68528	52.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.640%			
50) Toluene-d8	7.902	98	257505	52.867	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.740%			
62) 4-Bromofluorobenzene	10.635	95	101482	51.958	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	76996	51.180	ug/l	99
3) Chloromethane	1.523	50	80216	46.602	ug/l	100
4) Vinyl Chloride	1.604	62	85683	51.100	ug/l	100
5) Bromomethane	1.848	94	51695	55.274	ug/l	97
6) Chloroethane	1.928	64	52952	48.390	ug/l	96
7) Trichlorofluoromethane	2.137	101	115684	52.174	ug/l	99
8) Diethyl Ether	2.378	74	46233	52.675	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.581	101	68708	53.068	ug/l	97
10) Methyl Iodide	2.726	142	69877	41.242	ug/l	93
11) Tert butyl alcohol	3.173	59	79510	231.170	ug/l	99
12) 1,1-Dichloroethene	2.581	96	63525	49.763	ug/l	97
13) Acrolein	2.485	56	12382	248.424	ug/l	98
14) Allyl chloride	2.925	41	113903	49.971	ug/l	98
15) Acrylonitrile	3.314	53	238011	259.186	ug/l	98
16) Acetone	2.623	43	239749	271.033	ug/l	97
17) Carbon Disulfide	2.796	76	162432	45.428	ug/l	99
18) Methyl Acetate	2.948	43	151585	50.313	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	241102	52.470	ug/l	100
20) Methylene Chloride	3.047	84	78834	51.290	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	71089	53.529	ug/l	95
22) Diisopropyl ether	3.996	45	240153	53.659	ug/l	93
23) Vinyl Acetate	3.957	43	923089	268.167	ug/l	99
24) 1,1-Dichloroethane	3.874	63	141360	53.003	ug/l	99
25) 2-Butanone	4.700	43	321793	262.288	ug/l	100
26) 2,2-Dichloropropane	4.668	77	117875	53.336	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	83392	53.462	ug/l	100
28) Bromochloromethane	4.976	49	62736	49.341	ug/l	97
29) Tetrahydrofuran	5.050	42	189930	253.087	ug/l	100
30) Chloroform	5.092	83	141481	53.638	ug/l	100
31) Cyclohexane	5.391	56	122776	48.423	ug/l	97
32) 1,1,1-Trichloroethane	5.320	97	120077	53.383	ug/l	98
36) 1,1-Dichloropropene	5.529	75	101139	52.868	ug/l	99
37) Ethyl Acetate	4.803	43	114806	52.243	ug/l	98
38) Carbon Tetrachloride	5.529	117	103163	53.489	ug/l	99
39) Methylcyclohexane	6.767	83	124543	53.067	ug/l	96
40) Benzene	5.777	78	298907	52.775	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	63429	54.618	ug/l	98
42) 1,2-Dichloroethane	5.796	62	111744	54.621	ug/l	99
43) Isopropyl Acetate	5.912	43	175878	52.326	ug/l	99
44) Trichloroethene	6.545	130	73844	54.468	ug/l	100
45) 1,2-Dichloropropane	6.793	63	83822	55.932	ug/l	96
46) Dibromomethane	6.922	93	57070	54.960	ug/l	99
47) Bromodichloromethane	7.108	83	111654	56.669	ug/l	97
48) Methyl methacrylate	6.960	41	83386	53.900	ug/l	97
49) 1,4-Dioxane	6.963	88	40670	1022.238	ug/l #	92
51) 4-Methyl-2-Pentanone	7.793	43	592918	267.411	ug/l	99
52) Toluene	7.973	92	193127	55.696	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	121039	53.453	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	133316	55.430	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	80612	56.093	ug/l	99
56) Ethyl methacrylate	8.336	69	124629	48.429	ug/l	97
57) 1,3-Dichloropropane	8.578	76	141535	54.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	278513	210.507	ug/l	99
59) 2-Hexanone	8.687	43	463603	240.588	ug/l	99
60) Dibromochloromethane	8.812	129	84469	56.446	ug/l	100
61) 1,2-Dibromoethane	8.928	107	84996	55.144	ug/l	97
64) Tetrachloroethene	8.555	164	65260	58.874	ug/l	98
65) Chlorobenzene	9.449	112	201601	53.143	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	72179	53.348	ug/l	99
67) Ethyl Benzene	9.574	91	368998	54.316	ug/l	100
68) m/p-Xylenes	9.696	106	289060	112.822	ug/l	99
69) o-Xylene	10.105	106	140133	56.258	ug/l	99
70) Styrene	10.118	104	240166	56.993	ug/l	98
71) Bromoform	10.295	173	61492	48.141	ug/l #	100
73) Isopropylbenzene	10.487	105	370861	54.963	ug/l	99
74) N-amyl acetate	10.320	43	151534	49.783	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.786	83	135883	50.829	ug/l	98
76) 1,2,3-Trichloropropane	10.828	75	103035m	32.901	ug/l	
77) Bromobenzene	10.786	156	87777	53.580	ug/l	95
78) n-propylbenzene	10.909	91	461371	54.939	ug/l	100
79) 2-Chlorotoluene	10.989	91	267029	53.820	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	323975	54.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	40769	43.087	ug/l	97
82) 4-Chlorotoluene	11.098	91	315077	54.149	ug/l	99
83) tert-Butylbenzene	11.423	119	307149	54.656	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	322577	55.055	ug/l	99
85) sec-Butylbenzene	11.648	105	413112	55.428	ug/l	100
86) p-Isopropyltoluene	11.796	119	342355	54.969	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	171903	52.007	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	174234	52.118	ug/l	99
89) n-Butylbenzene	12.211	91	325633	54.277	ug/l	99
90) Hexachloroethane	12.478	117	54521	48.526	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	169244	52.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	30228	47.921	ug/l	96
93) 1,2,4-Trichlorobenzene	13.844	180	115158	51.790	ug/l	99
94) Hexachlorobutadiene	14.024	225	48927	50.975	ug/l	98
95) Naphthalene	14.089	128	403754	48.335	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	116485	52.742	ug/l	99

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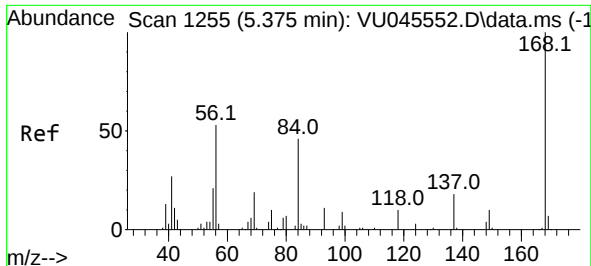
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

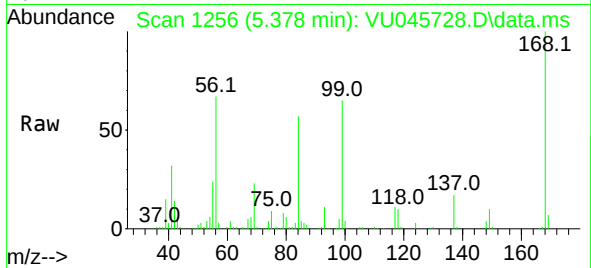
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045728.D
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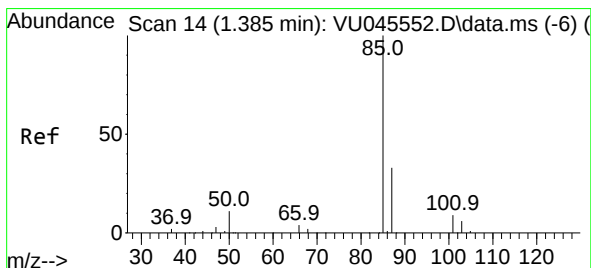
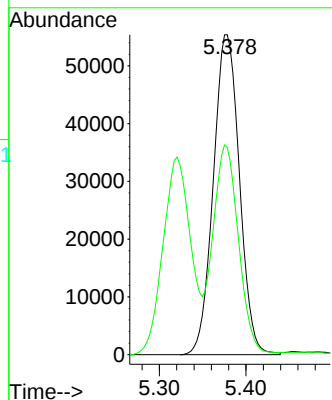
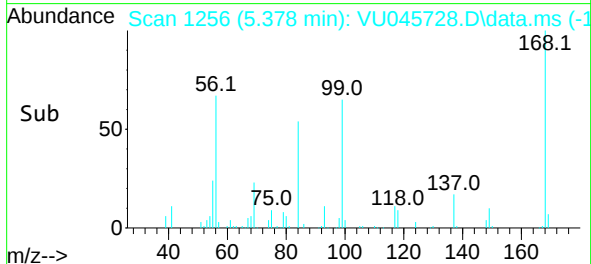
Instrument :
MSVOA_U
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VSTDCCC050



Tgt Ion:168 Resp: 11603
Ion Ratio Lower Upper
168 100
99 64.2 51.0 76.6

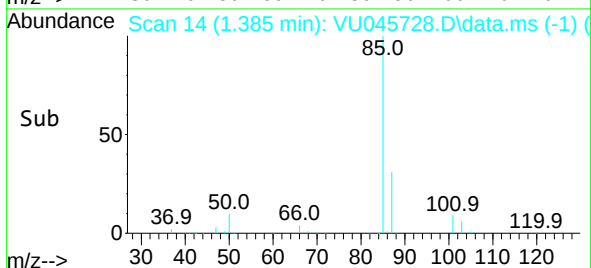
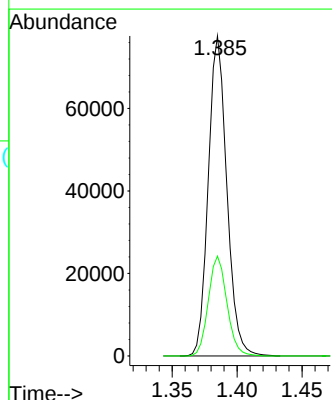
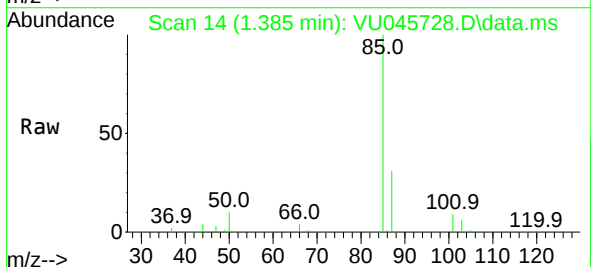
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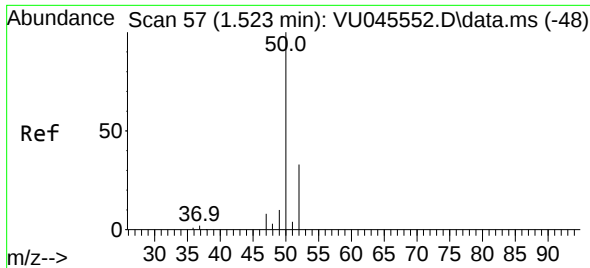
Reviewed By :John Carlone 11/12/2021
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#2
Dichlorodifluoromethane
Concen: 51.180 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

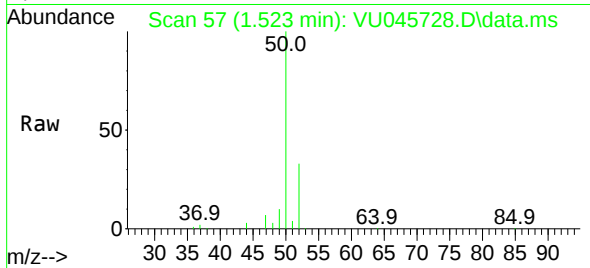
Tgt Ion: 85 Resp: 76996
Ion Ratio Lower Upper
85 100
87 31.2 15.9 47.7





#3
Chloromethane
Concen: 46.602 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

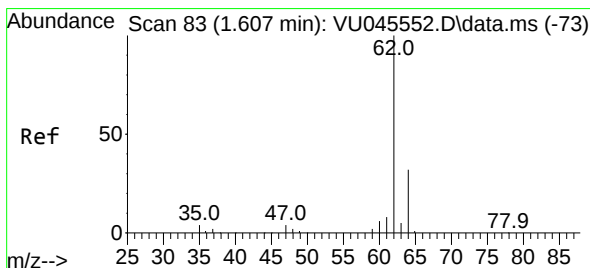
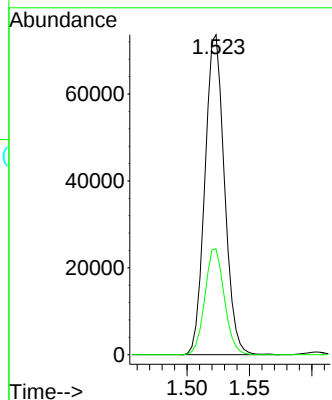
Instrument :
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Tgt Ion: 50 Resp: 80210
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0

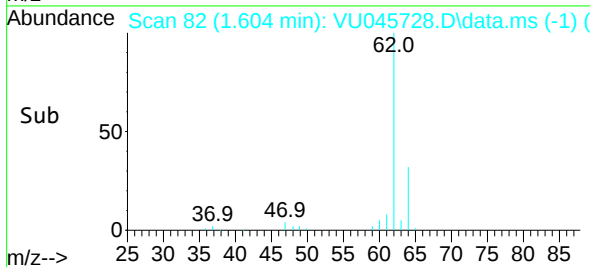
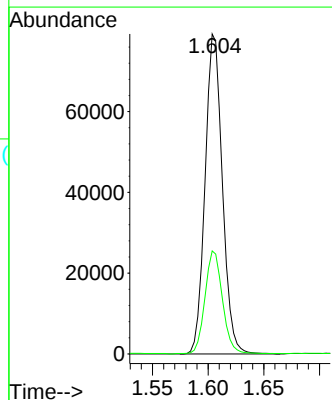
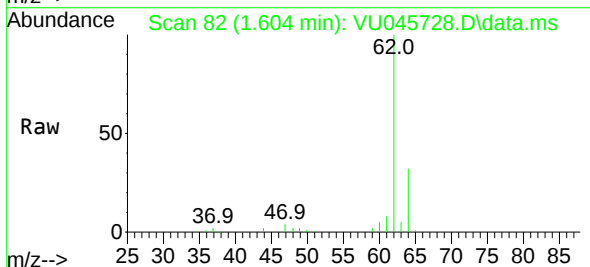
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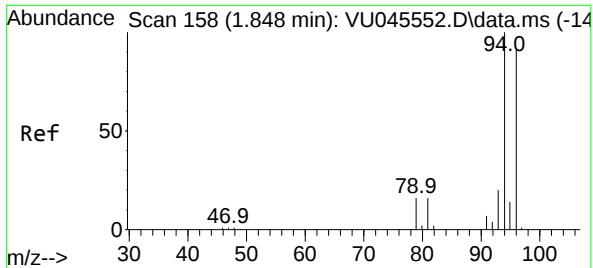
Reviewed By :John Carlone 11/12/2021
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#4
Vinyl Chloride
Concen: 51.100 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

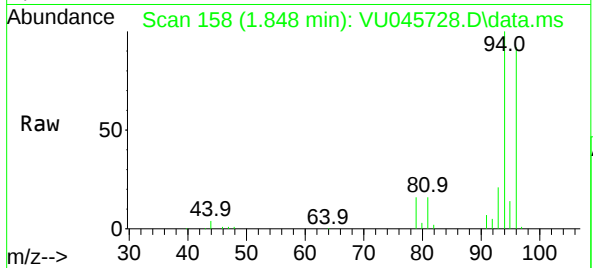
Tgt Ion: 62 Resp: 85683
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 55.274 ug/l
RT: 1.848 min Scan# 158
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

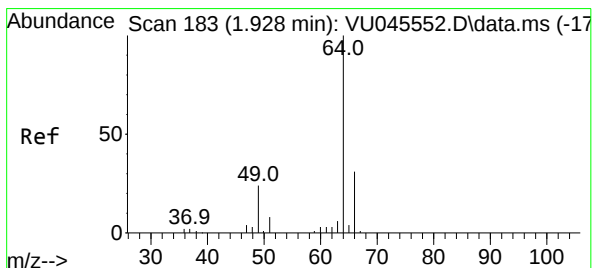
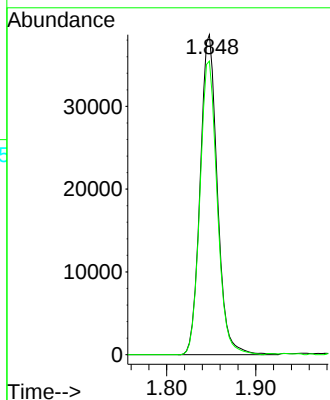
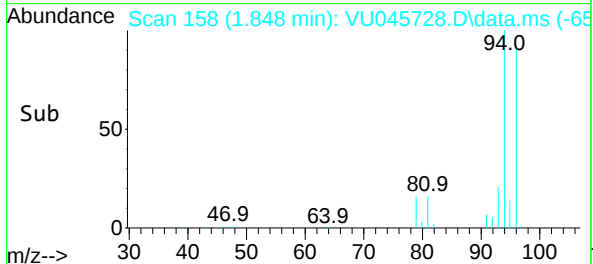
Instrument :
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Tgt Ion: 94 Resp: 5169
Ion Ratio Lower Upper
94 100
96 91.8 75.4 113.2

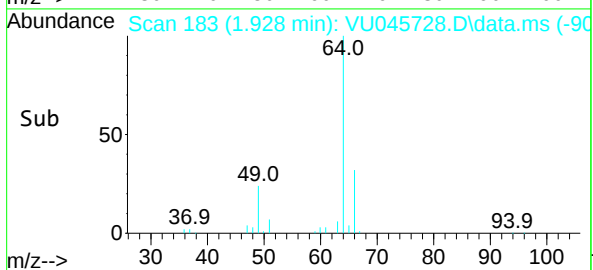
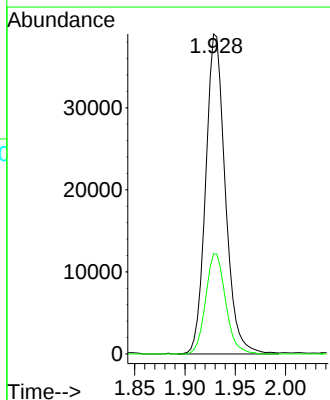
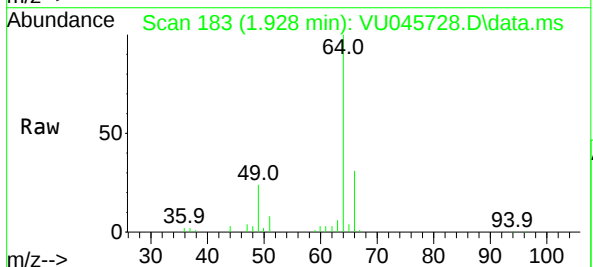
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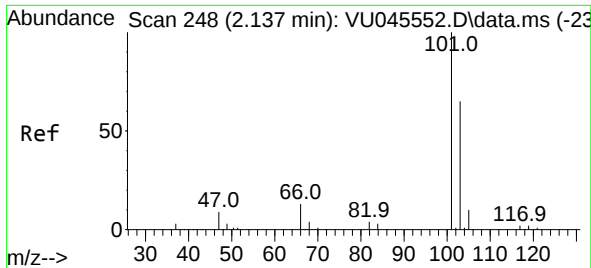
Reviewed By :John Carlone 11/12/2021
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#6
Chloroethane
Concen: 48.390 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Tgt Ion: 64 Resp: 52952
Ion Ratio Lower Upper
64 100
66 31.3 26.7 40.1





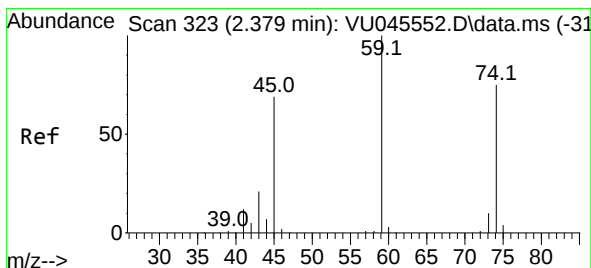
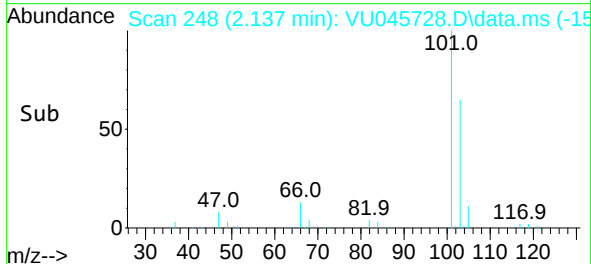
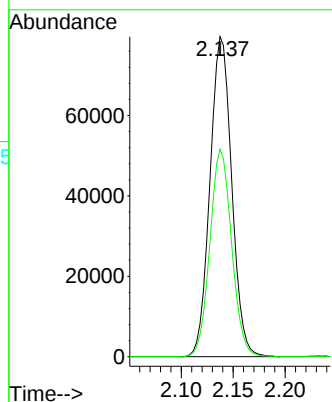
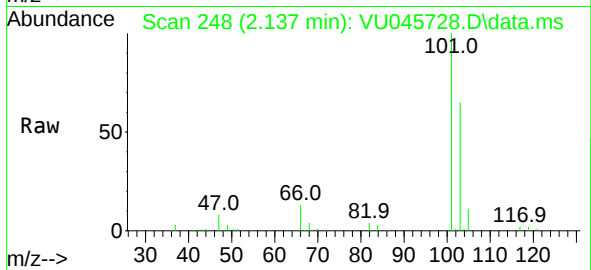
#7
 Trichlorofluoromethane
 Concen: 52.174 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU045728.D
 Acq: 11 Nov 2021 10:22

Instrument :
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Tgt Ion:101 Resp: 115684
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0

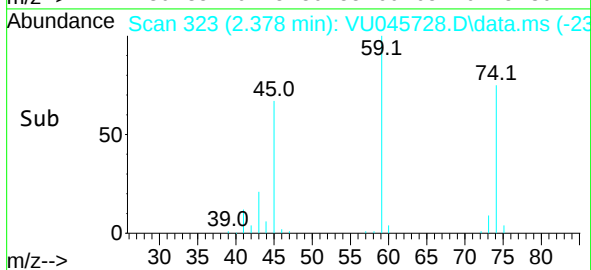
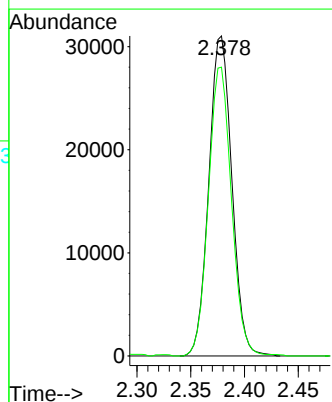
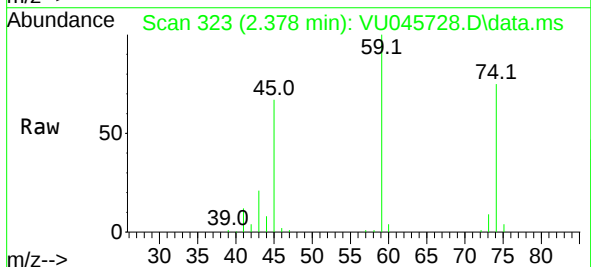
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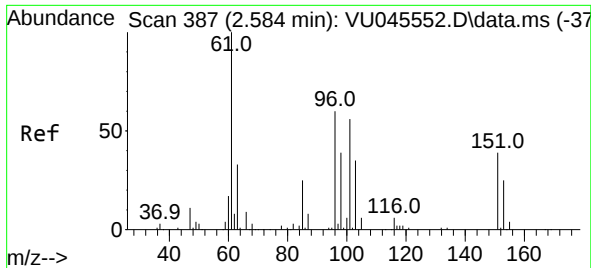
Reviewed By :John Carlone 11/12/2021
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#8
 Diethyl Ether
 Concen: 52.675 ug/l
 RT: 2.378 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VU045728.D
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Tgt Ion: 74 Resp: 46233
 Ion Ratio Lower Upper
 74 100
 45 90.7 47.3 141.8





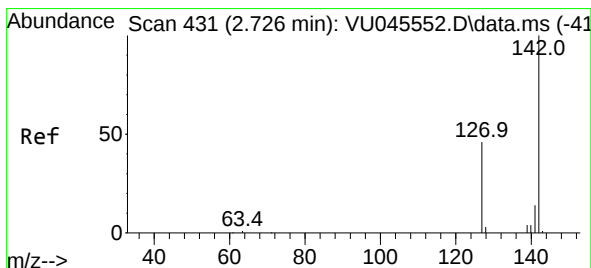
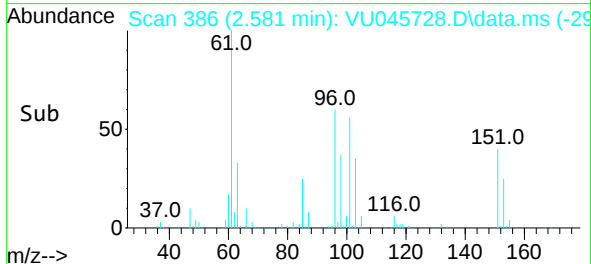
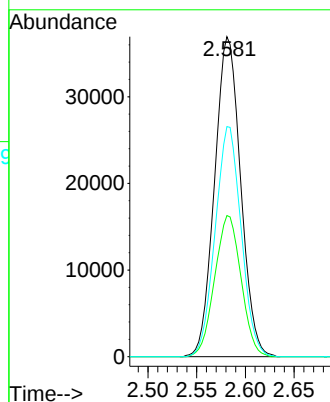
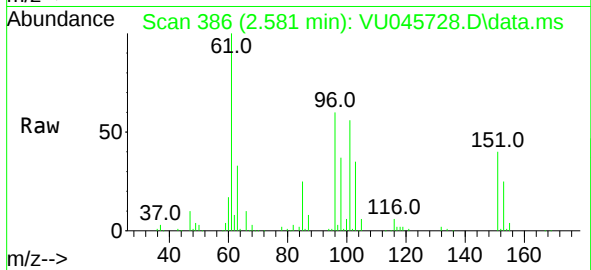
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.068 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

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Tgt Ion:101 Resp: 68708
Ion Ratio Lower Upper
101 100
85 44.5 35.0 52.4
151 71.7 54.6 82.0

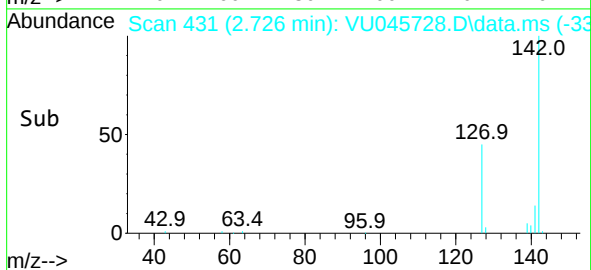
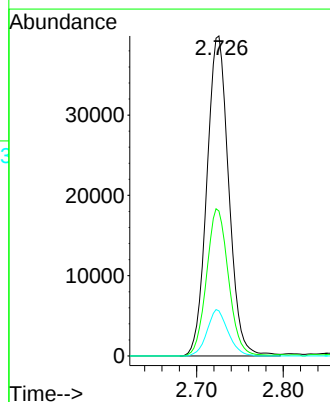
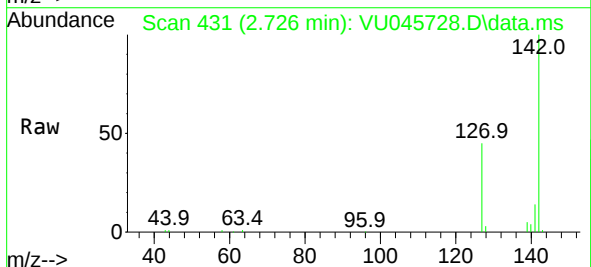
Manual Integrations
APPROVED

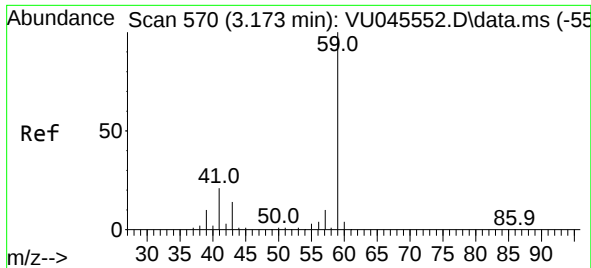
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 41.242 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Tgt Ion:142 Resp: 69877
Ion Ratio Lower Upper
142 100
127 46.2 32.2 48.2
141 13.9 11.3 16.9





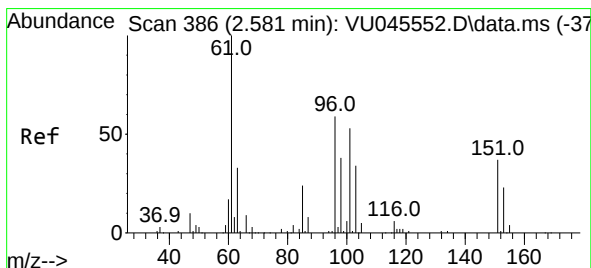
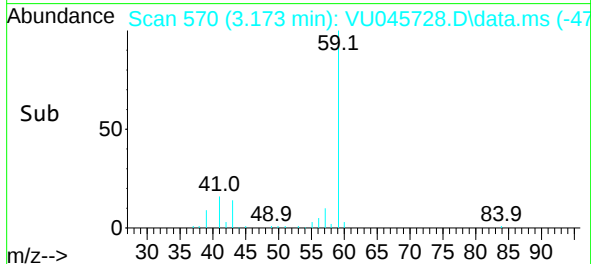
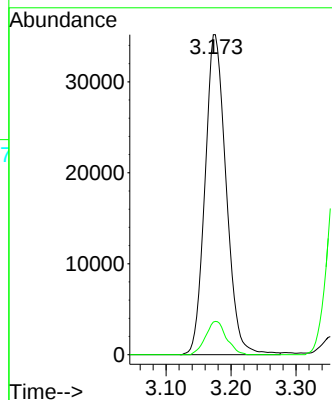
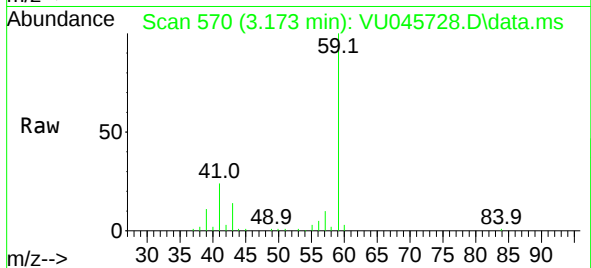
#11
Tert butyl alcohol
Concen: 231.170 ug/l
RT: 3.173 min Scan# 570
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 79510
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

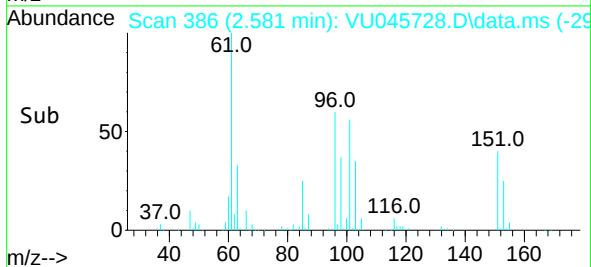
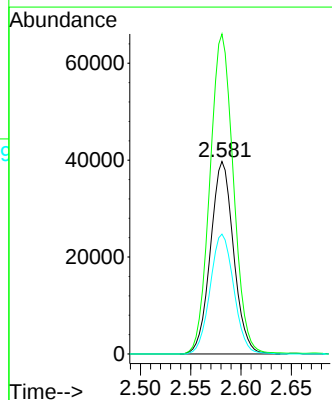
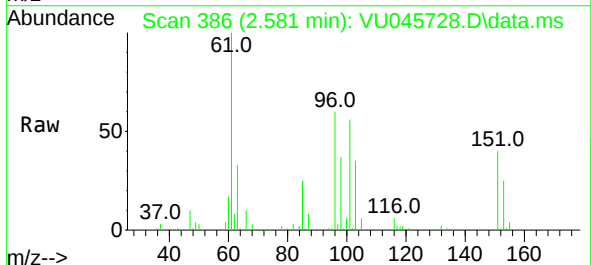
Manual Integrations
APPROVED

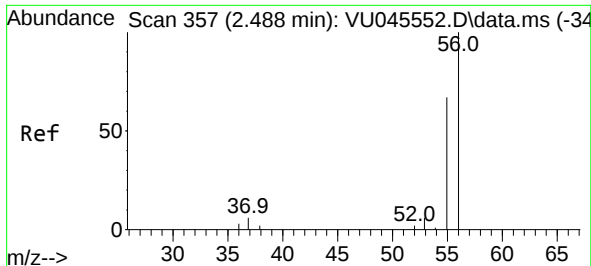
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 49.763 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

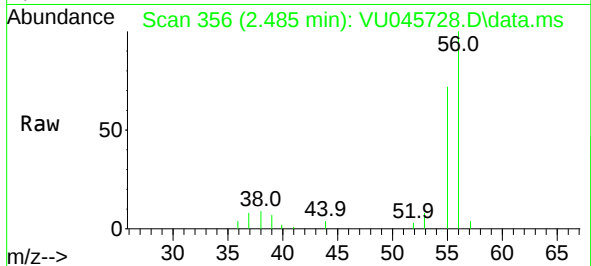
Tgt Ion: 96 Resp: 63525
Ion Ratio Lower Upper
96 100
61 166.3 137.1 205.7
98 62.3 51.5 77.3





#13
Acrolein
Concen: 248.424 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

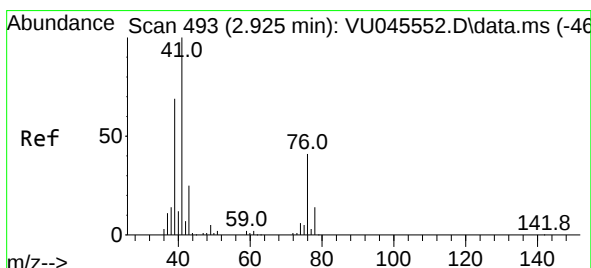
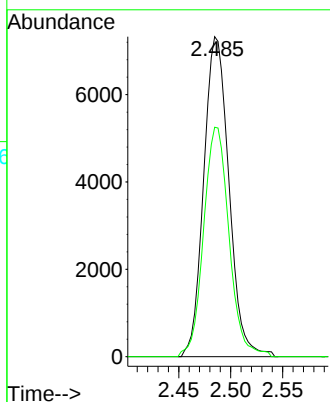
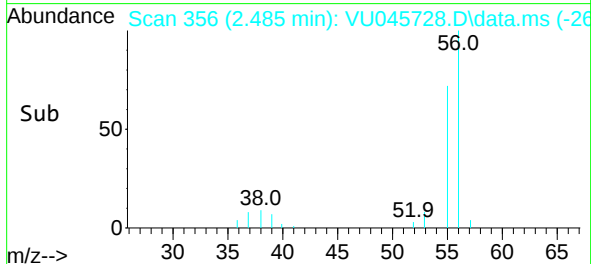
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



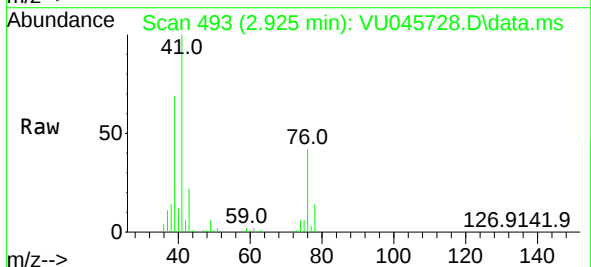
Tgt Ion: 56 Resp: 1238
Ion Ratio Lower Upper
56 100
55 72.3 56.3 84.5

Manual Integrations
APPROVED

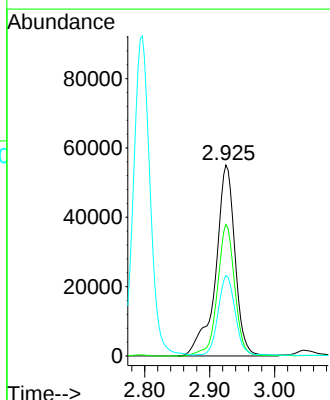
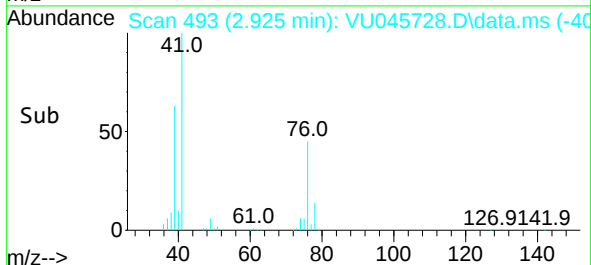
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

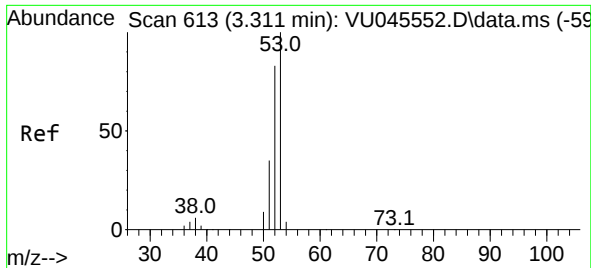


#14
Allyl chloride
Concen: 49.971 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22



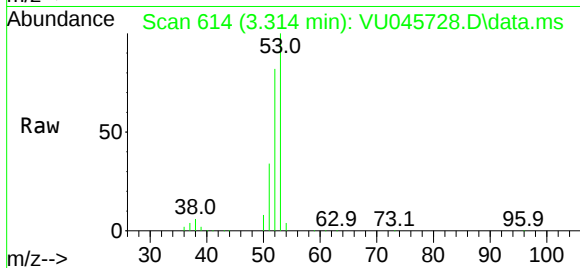
Tgt Ion: 41 Resp: 113903
Ion Ratio Lower Upper
41 100
39 61.1 49.7 74.5
76 35.9 27.7 41.5





#15
Acrylonitrile
Concen: 259.186 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

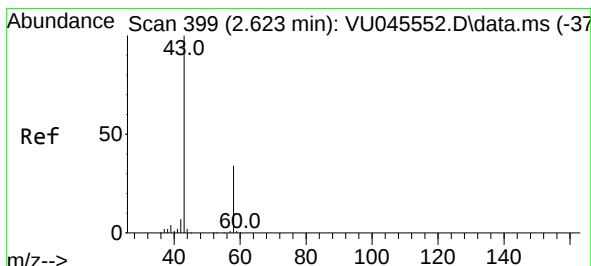
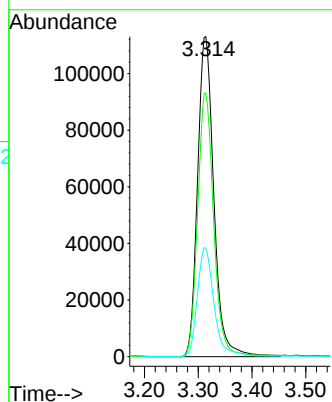
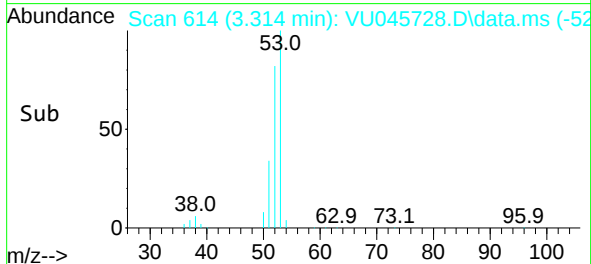
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 23801
Ion Ratio Lower Upper
53 100
52 81.4 66.6 100.0
51 35.0 28.4 42.6

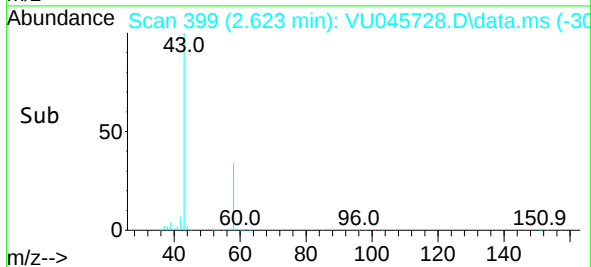
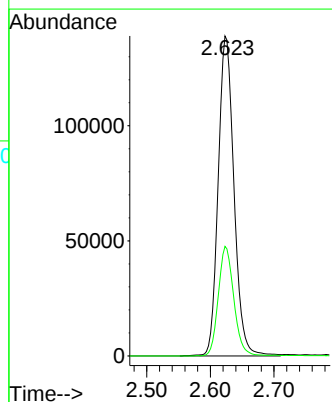
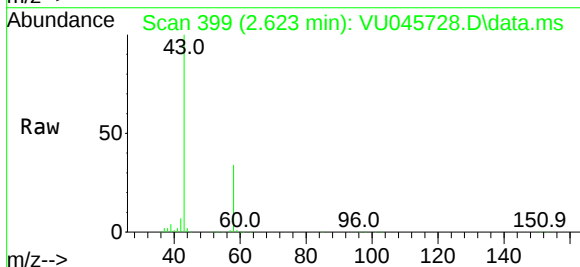
Manual Integrations
APPROVED

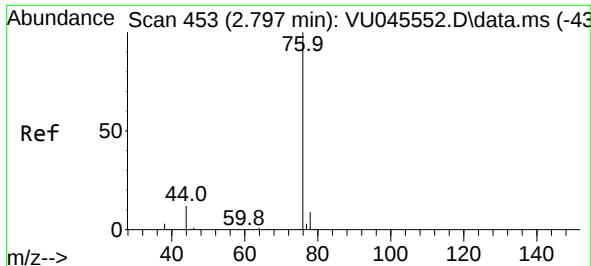
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 271.033 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

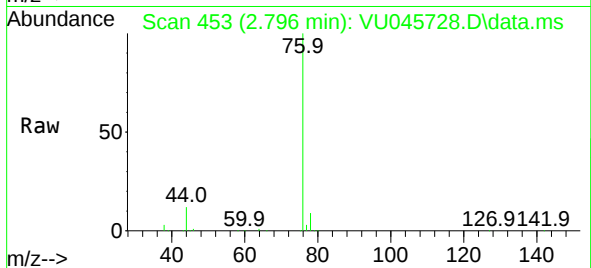
Tgt Ion: 43 Resp: 239749
Ion Ratio Lower Upper
43 100
58 34.2 26.2 39.2





#17
Carbon Disulfide
Concen: 45.428 ug/l
RT: 2.796 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

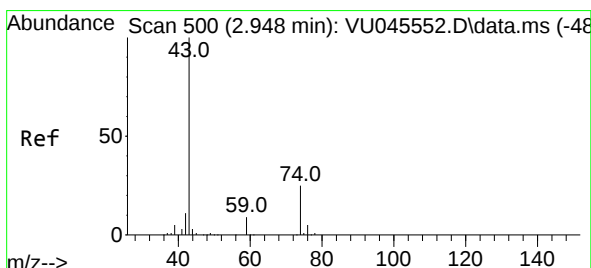
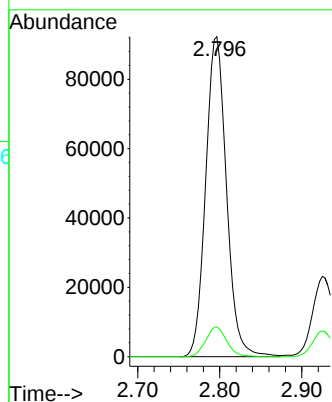
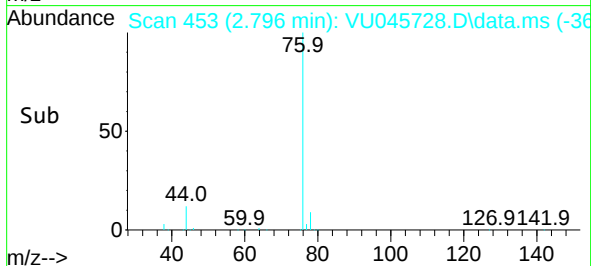
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 16243
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

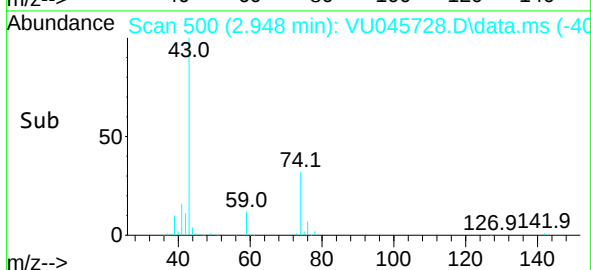
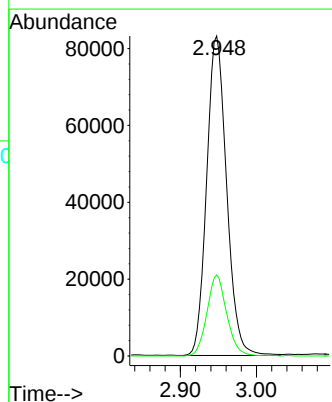
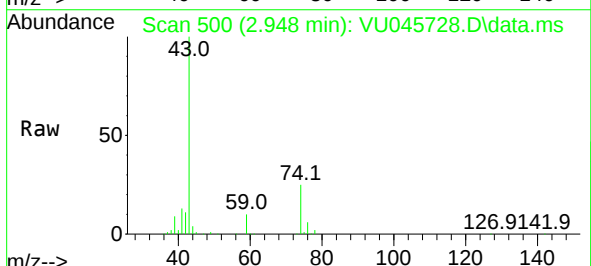
Manual Integrations
APPROVED

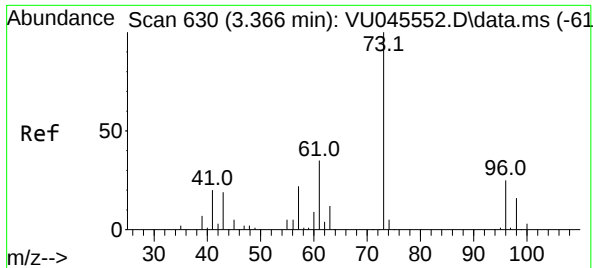
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 50.313 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

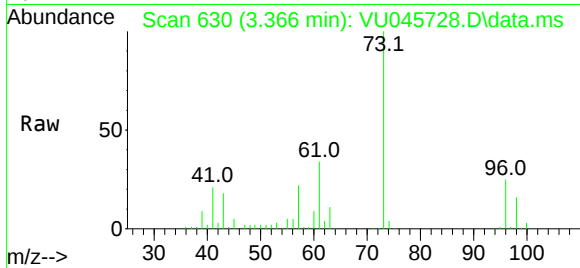
Tgt Ion: 43 Resp: 151585
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 52.470 ug/l
RT: 3.366 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

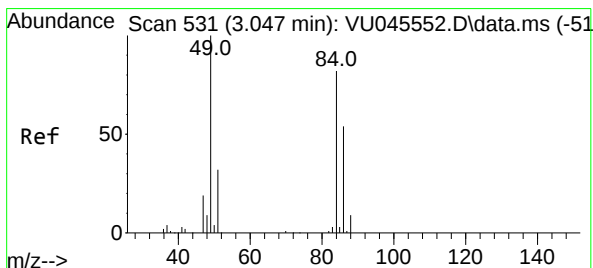
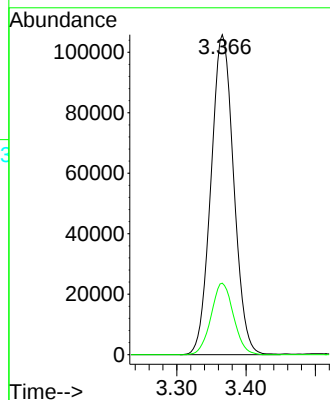
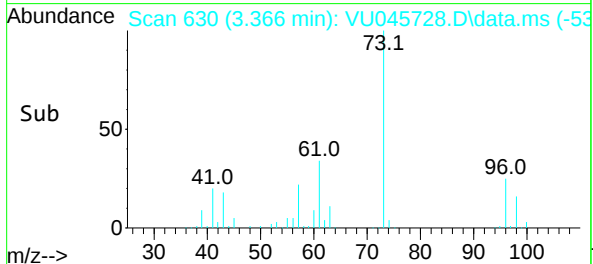
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 24110
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

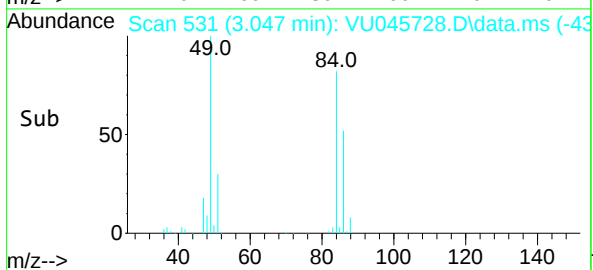
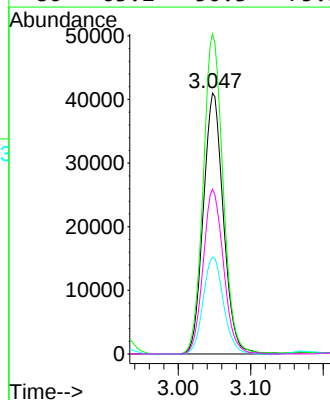
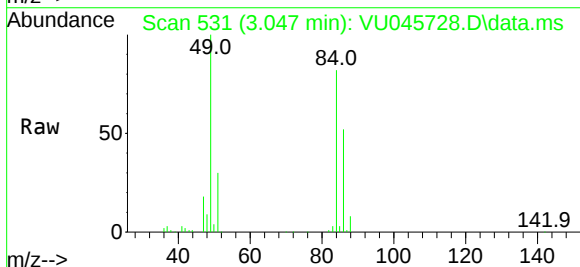
Manual Integrations
APPROVED

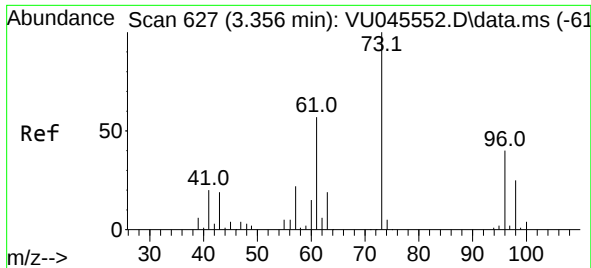
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 51.290 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

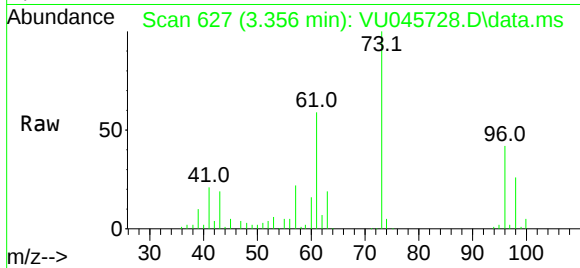
Tgt Ion: 84 Resp: 78834
Ion Ratio Lower Upper
84 100
49 122.7 96.4 144.6
51 37.1 30.5 45.7
86 63.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 53.529 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

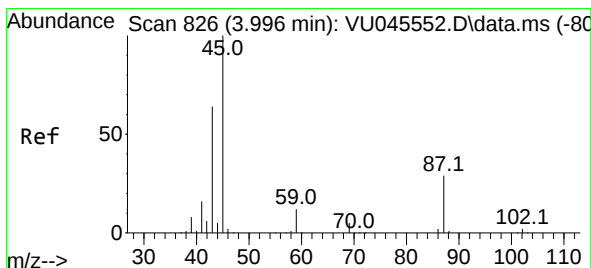
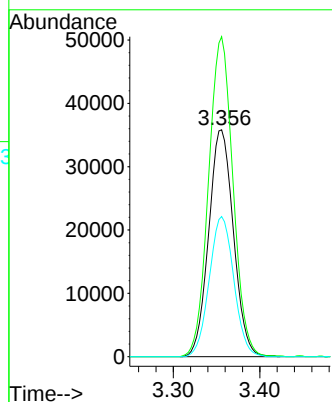
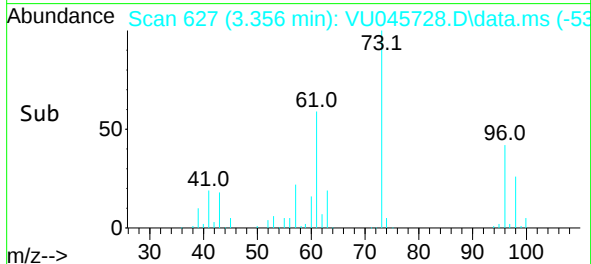
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



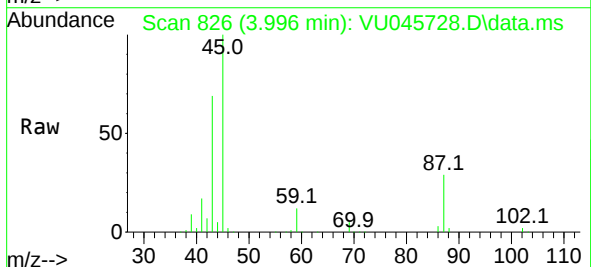
Tgt Ion: 96 Resp: 71089
Ion Ratio Lower Upper
96 100
61 141.1 118.2 177.4
98 61.8 52.1 78.1

Manual Integrations
APPROVED

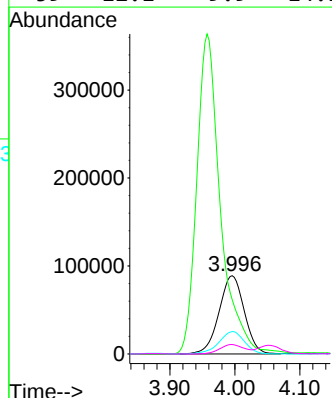
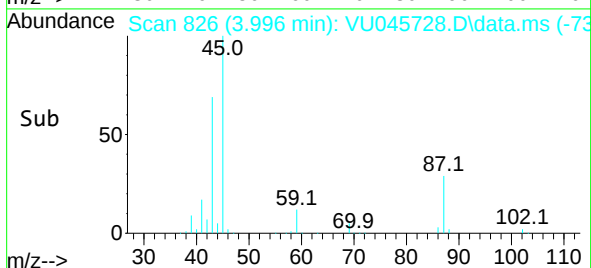
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

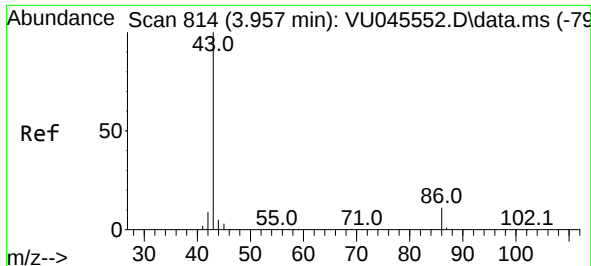


#22
Diisopropyl ether
Concen: 53.659 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22



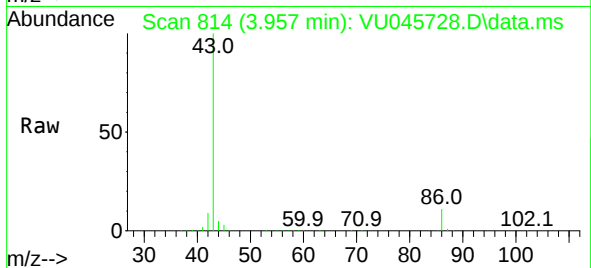
Tgt Ion: 45 Resp: 240153
Ion Ratio Lower Upper
45 100
43 66.1 60.0 90.0
87 28.6 22.3 33.5
59 12.1 9.9 14.9





#23
 Vinyl Acetate
 Concen: 268.167 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045728.D
 Acq: 11 Nov 2021 10:22

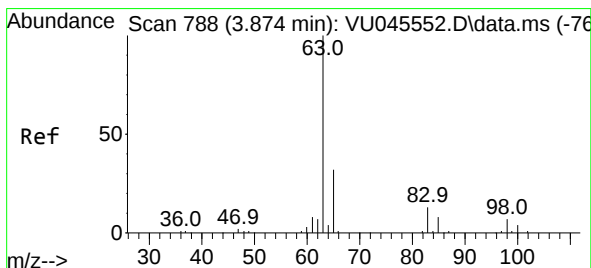
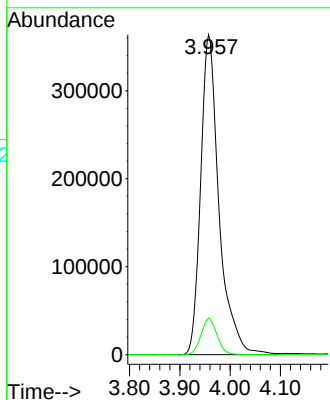
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



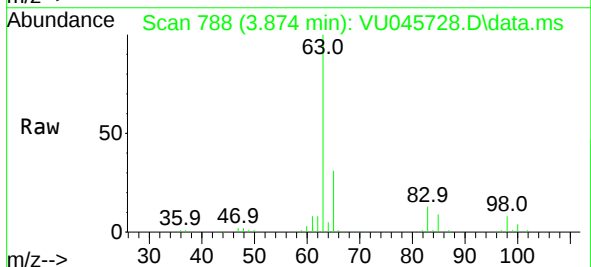
Tgt Ion: 43 Resp: 923089
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3

Manual Integrations
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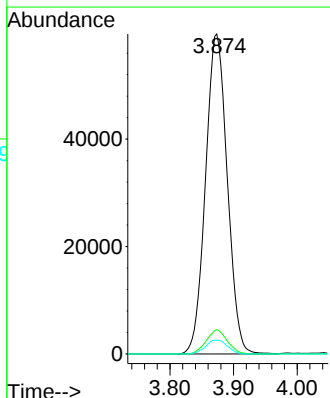
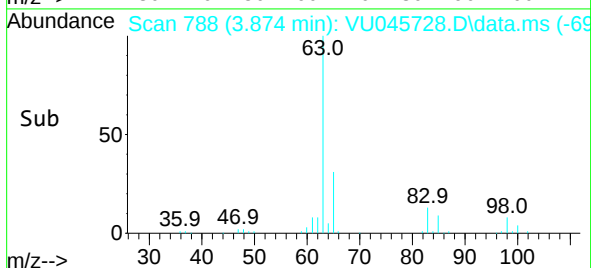
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

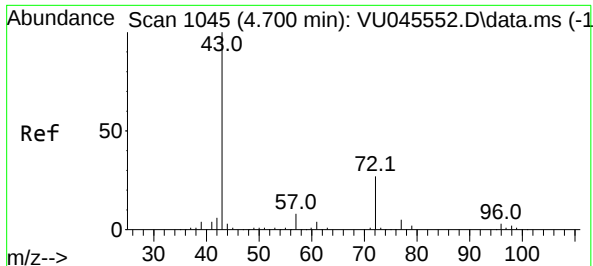


#24
 1,1-Dichloroethane
 Concen: 53.003 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045728.D
 Acq: 11 Nov 2021 10:22



Tgt Ion: 63 Resp: 141360
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 262.288 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 32179

Ion Ratio Lower Upper

43 100

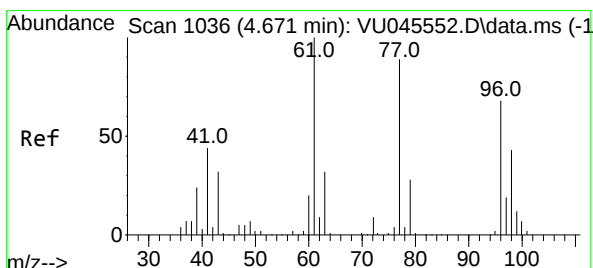
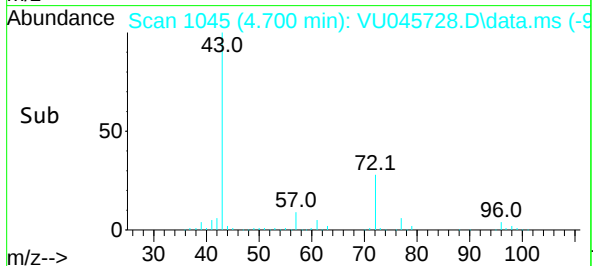
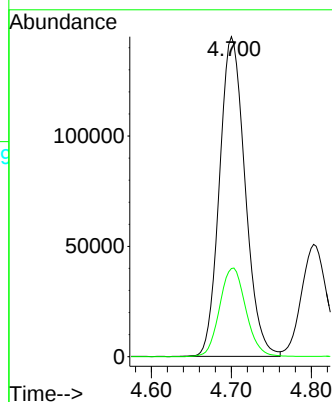
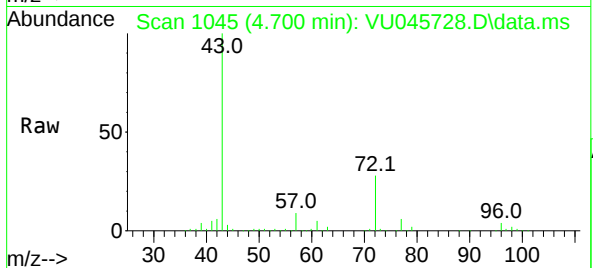
72 27.6 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 53.336 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045728.D

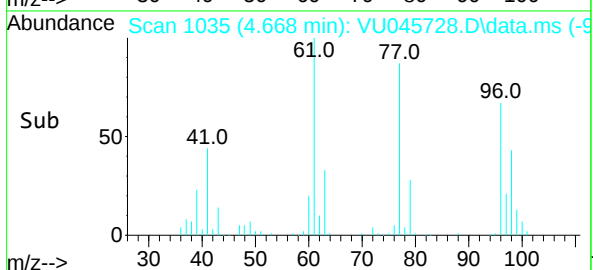
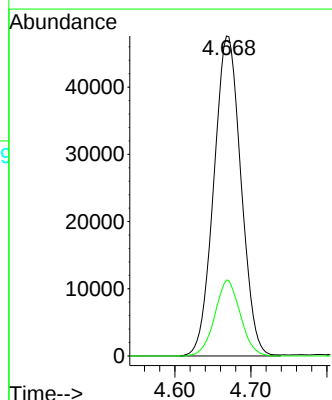
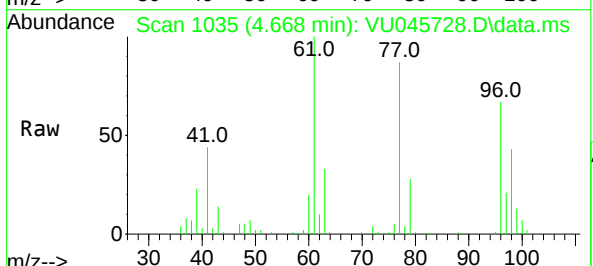
Acq: 11 Nov 2021 10:22

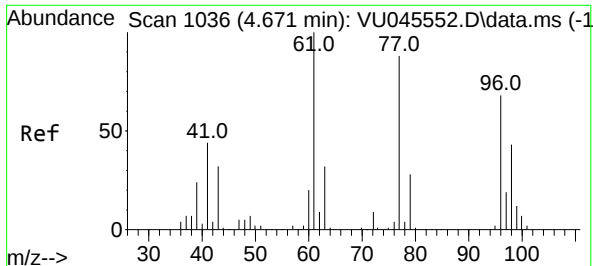
Tgt Ion: 77 Resp: 117875

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.462 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 83392

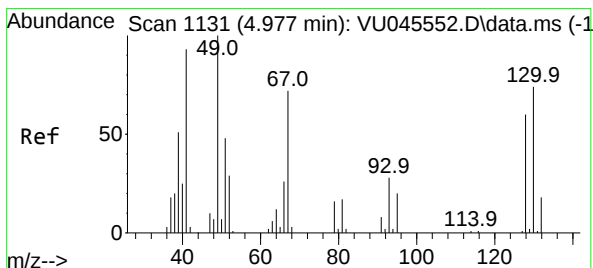
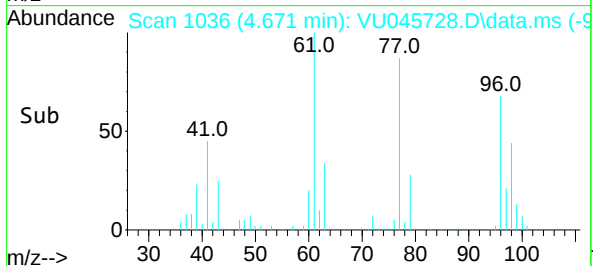
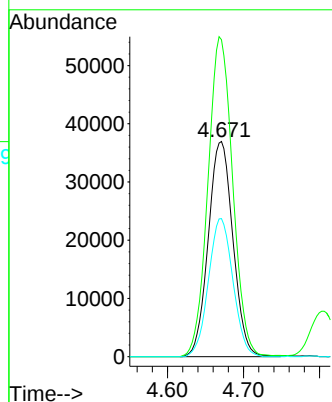
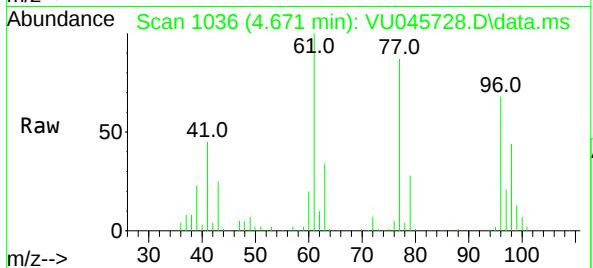
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	299.2
98	63.5	0.0	127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Bromochloromethane

Concen: 49.341 ug/l

RT: 4.976 min Scan# 1131

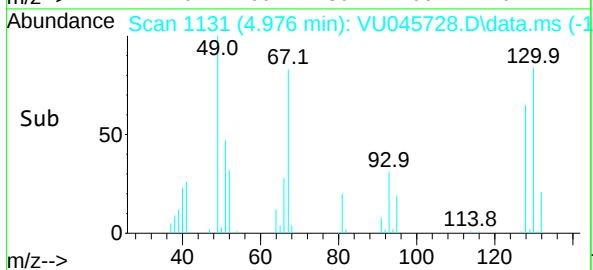
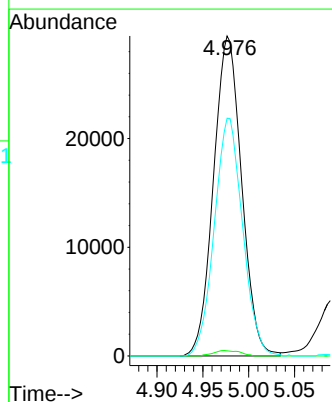
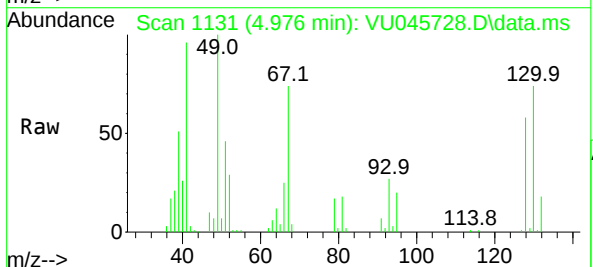
Delta R.T. -0.000 min

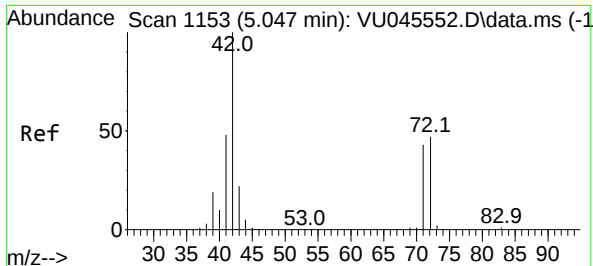
Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Tgt Ion: 49 Resp: 62736

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	74.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 253.087 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 189930

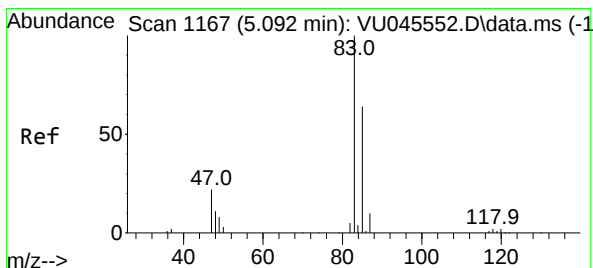
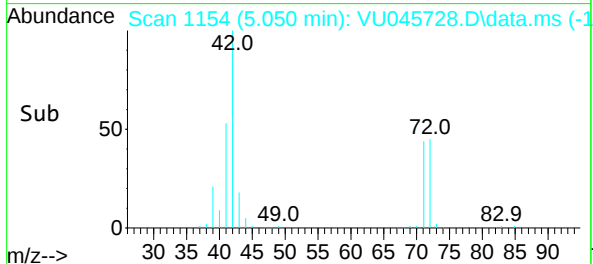
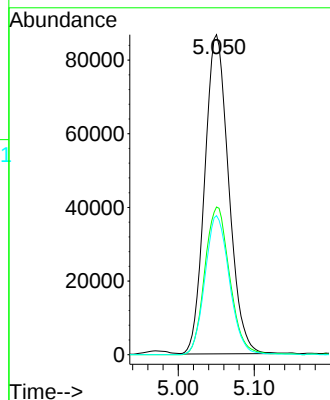
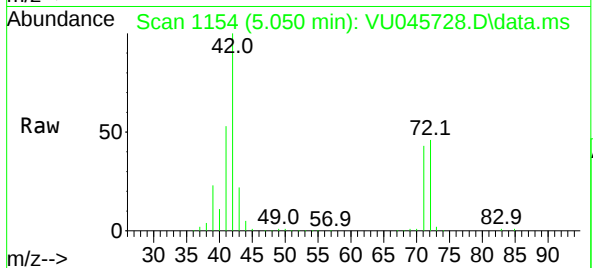
Ion	Ratio	Lower	Upper
42	100		
72	47.9	38.2	57.4
71	44.5	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 53.638 ug/l

RT: 5.092 min Scan# 1167

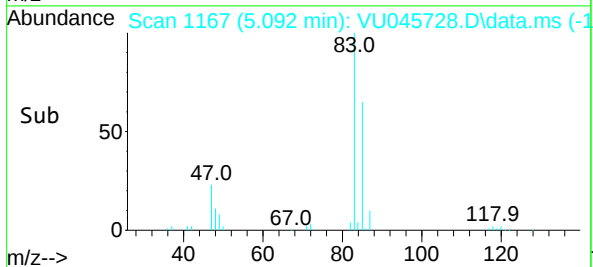
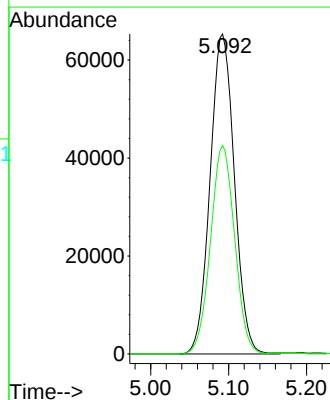
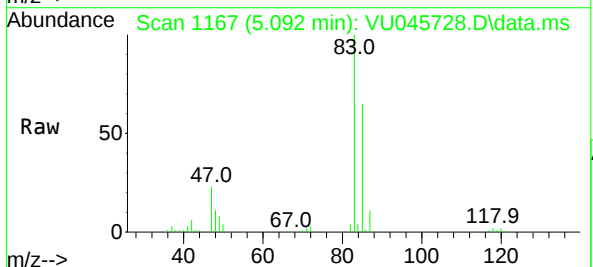
Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Tgt Ion: 83 Resp: 141481

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.0	78.0





#31

Cyclohexane

Concen: 48.423 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU045728.D

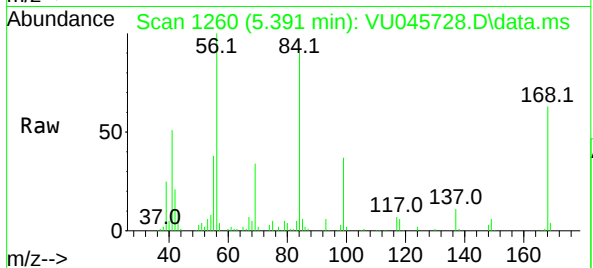
Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 122770

Ion Ratio Lower Upper

56 100

69 33.6 26.4 39.6

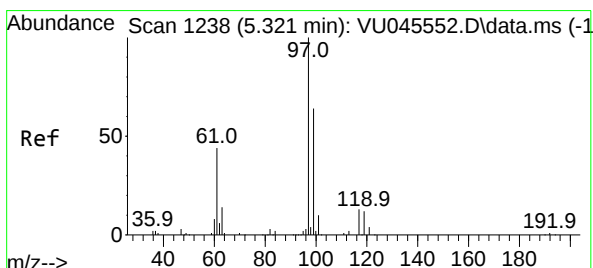
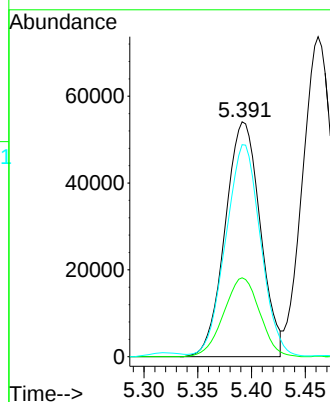
84 89.0 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 53.383 ug/l

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

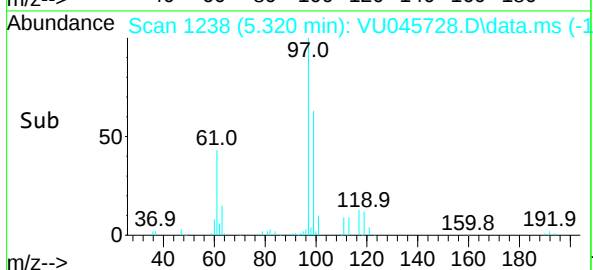
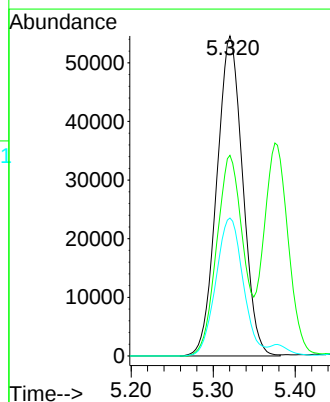
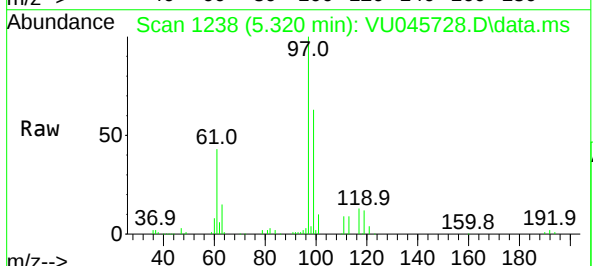
Tgt Ion: 97 Resp: 120077

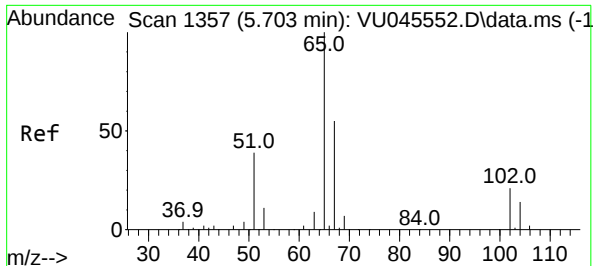
Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 45.5 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 49.754 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 86458

Ion Ratio Lower Upper

65 100

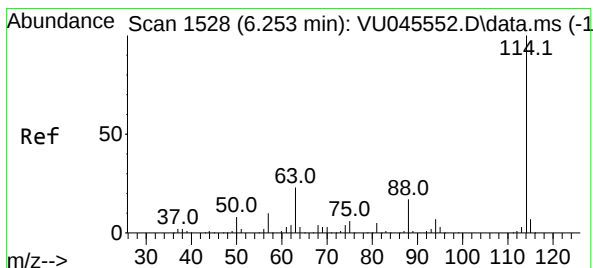
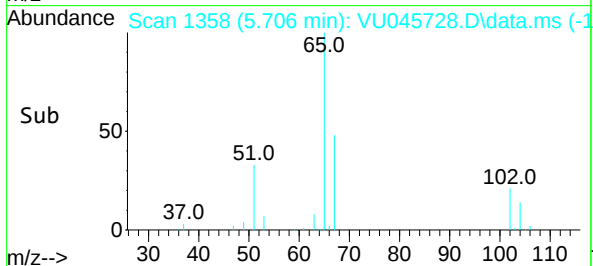
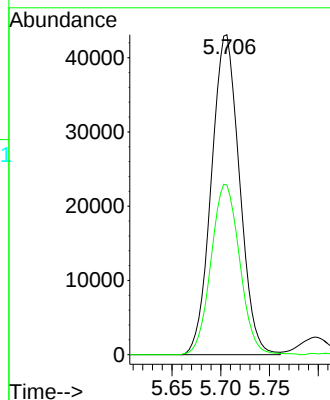
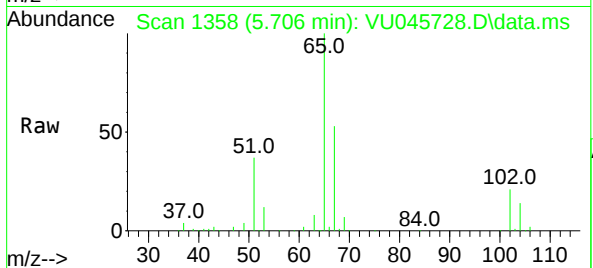
67 54.3 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

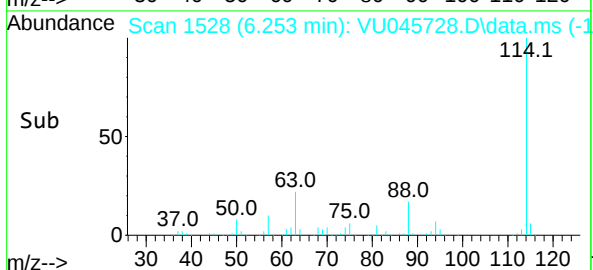
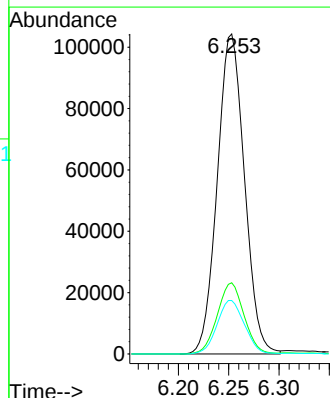
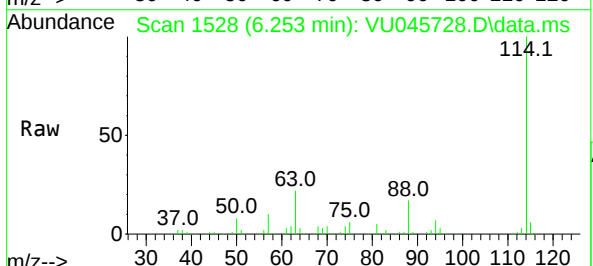
Tgt Ion:114 Resp: 196194

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.316 ug/l

RT: 5.292 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 68528

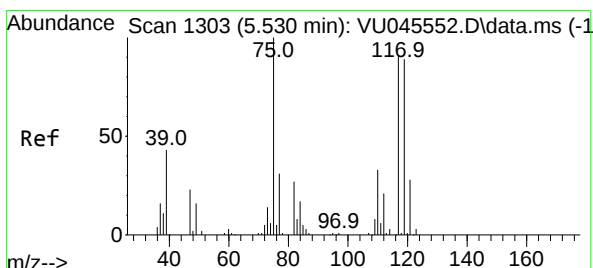
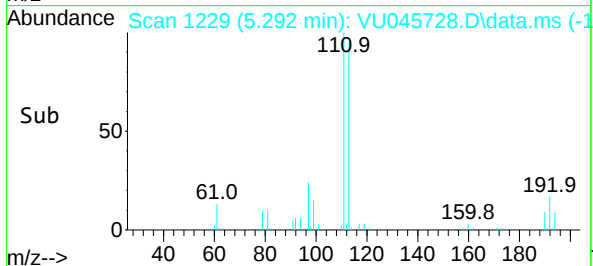
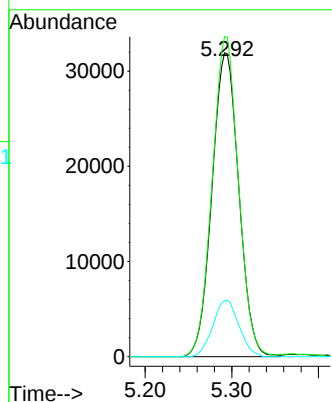
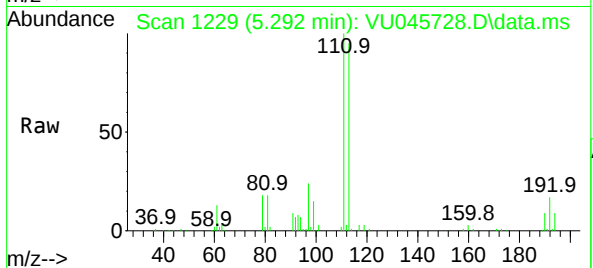
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	18.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#36

1,1-Dichloropropene

Concen: 52.868 ug/l

RT: 5.529 min Scan# 1303

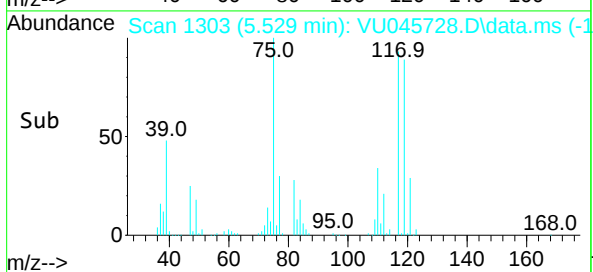
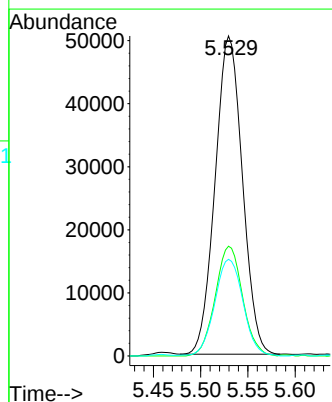
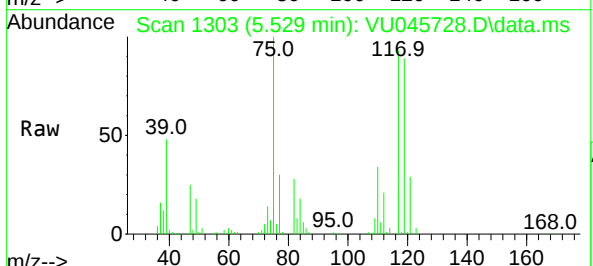
Delta R.T. -0.000 min

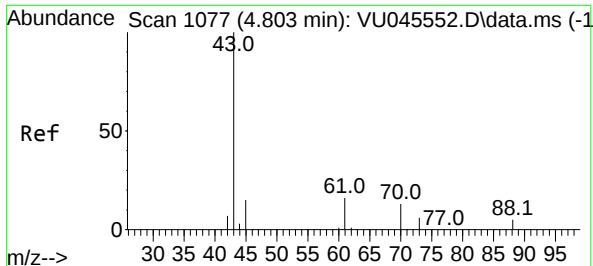
Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Tgt Ion: 75 Resp: 101139

Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.7	50.0
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 52.243 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 114800

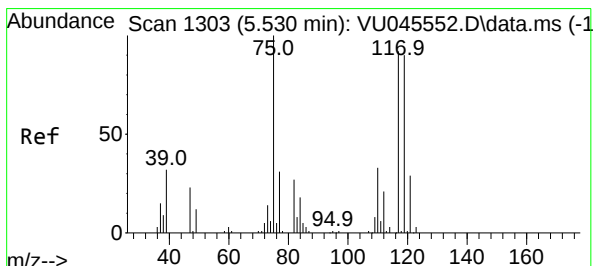
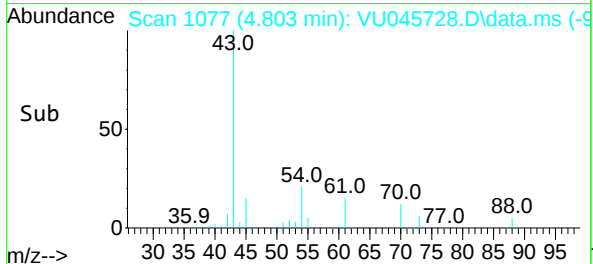
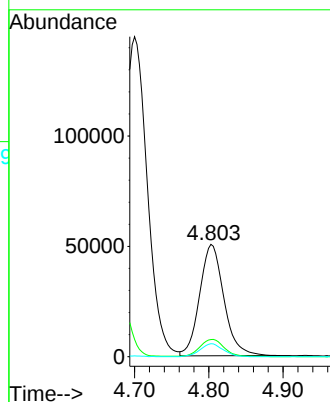
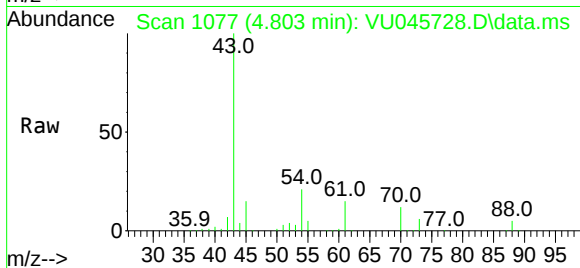
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.6	17.4
70	11.0	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#38

Carbon Tetrachloride

Concen: 53.489 ug/l

RT: 5.529 min Scan# 1303

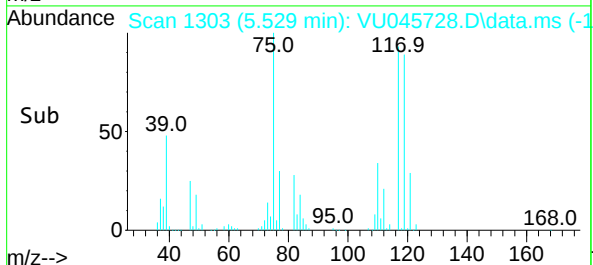
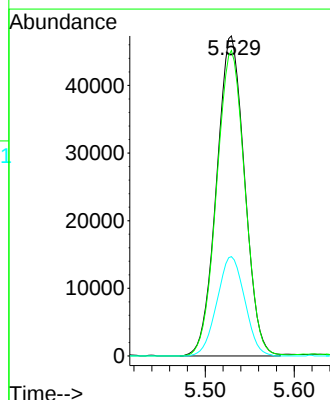
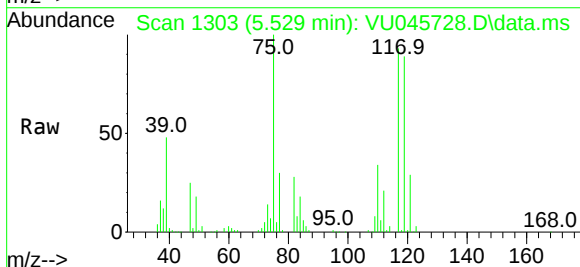
Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Tgt Ion:117 Resp: 103163

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
121	31.0	24.8	37.2





#39

Methylcyclohexane

Concen: 53.067 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 12454

Ion Ratio Lower Upper

83 100

55 75.0 63.6 95.4

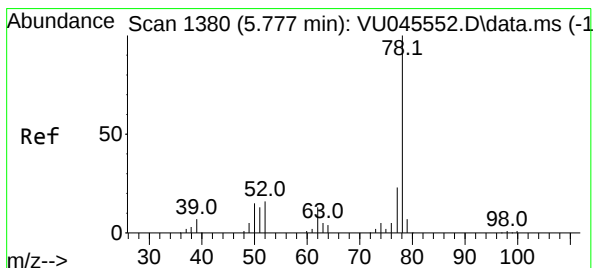
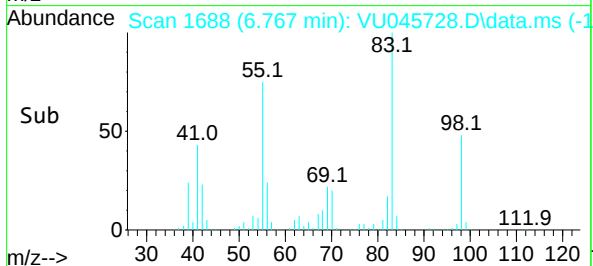
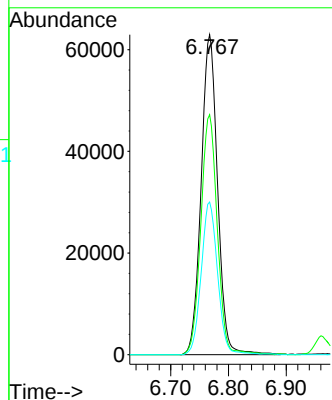
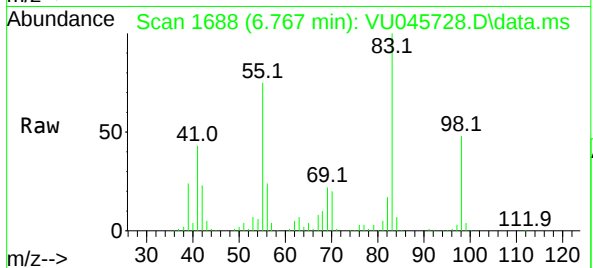
98 47.7 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 52.775 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045728.D

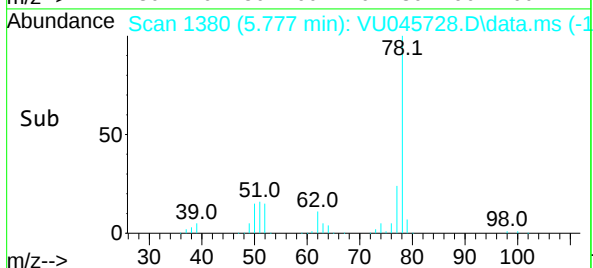
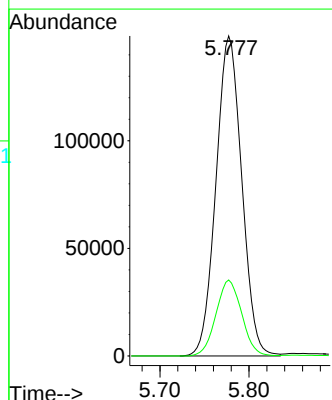
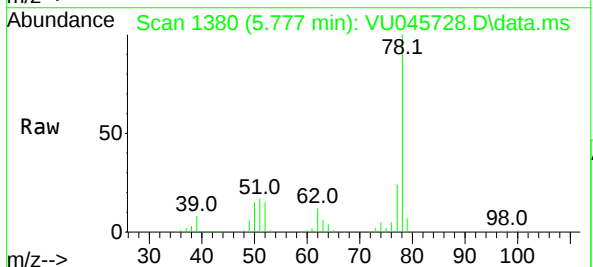
Acq: 11 Nov 2021 10:22

Tgt Ion: 78 Resp: 298907

Ion Ratio Lower Upper

78 100

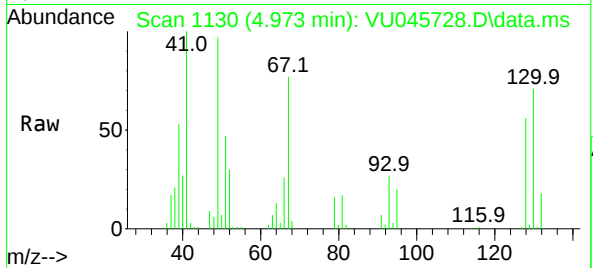
77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 54.618 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

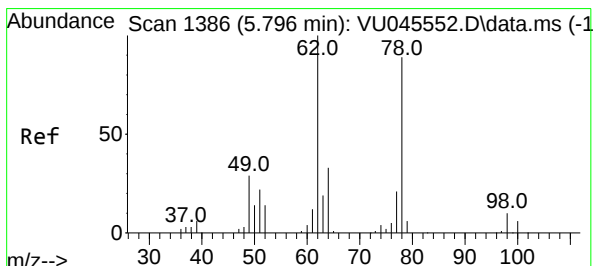
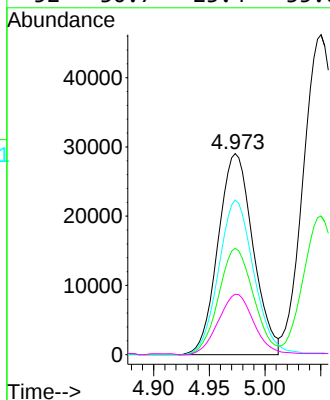
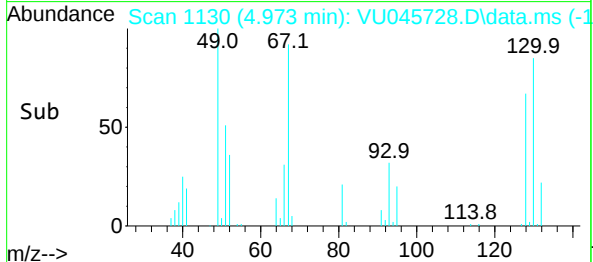
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 63429
Ion Ratio Lower Upper
41 100
39 52.8 43.4 65.0
67 77.6 61.0 91.4
52 30.7 23.4 35.0

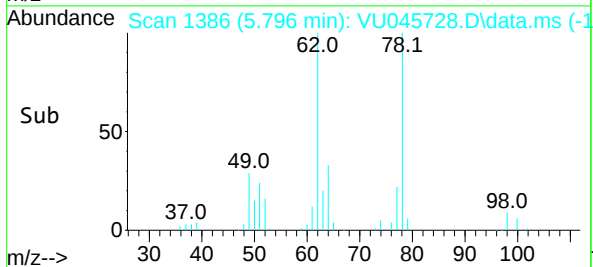
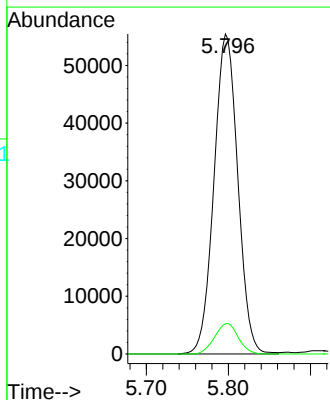
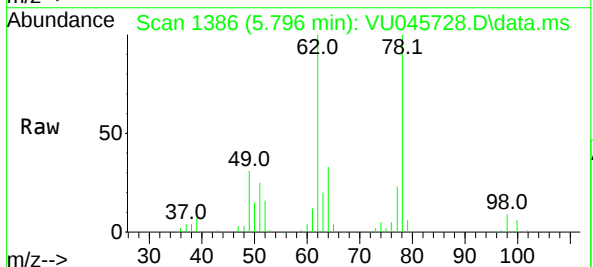
Manual Integrations
APPROVED

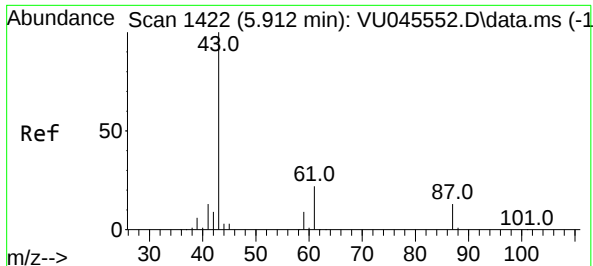
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 54.621 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

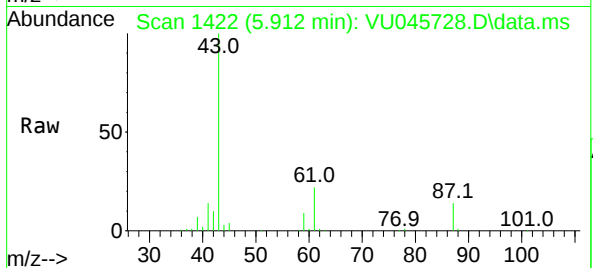
Tgt Ion: 62 Resp: 111744
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43
Isopropyl Acetate
Concen: 52.326 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

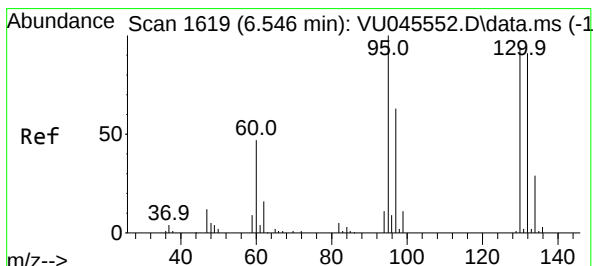
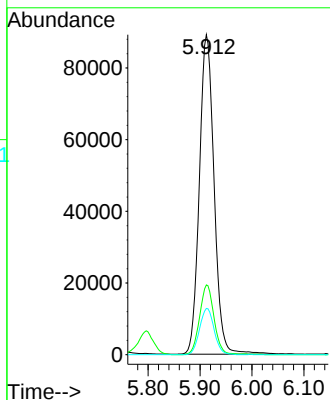
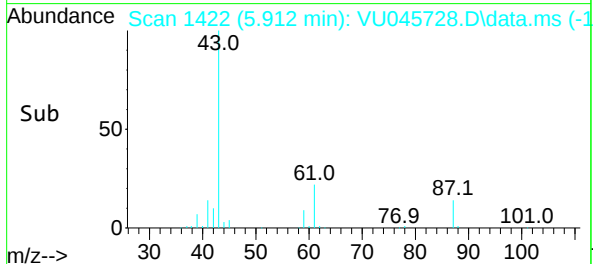
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



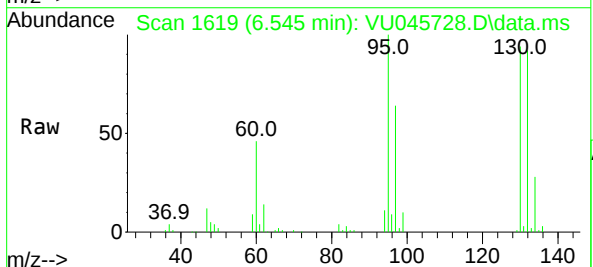
Tgt Ion: 43 Resp: 175878
Ion Ratio Lower Upper
43 100
61 21.3 16.9 25.3
87 14.3 11.0 16.4

Manual Integrations
APPROVED

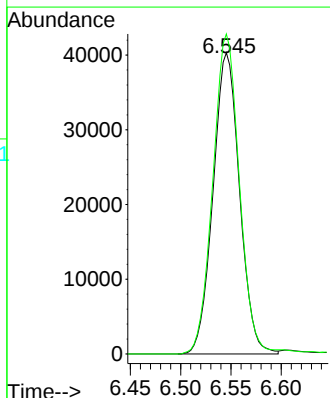
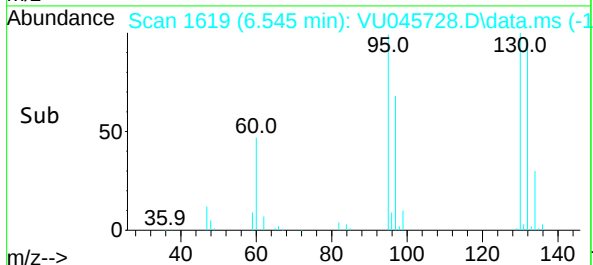
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

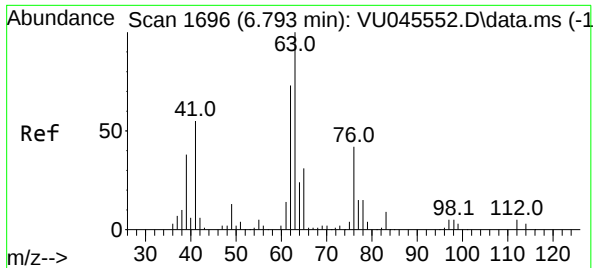


#44
Trichloroethene
Concen: 54.468 ug/l
RT: 6.545 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22



Tgt Ion:130 Resp: 73844
Ion Ratio Lower Upper
130 100
95 106.2 0.0 211.4





#45

1,2-Dichloropropane

Concen: 55.932 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8382

Ion Ratio Lower Upper

63 100

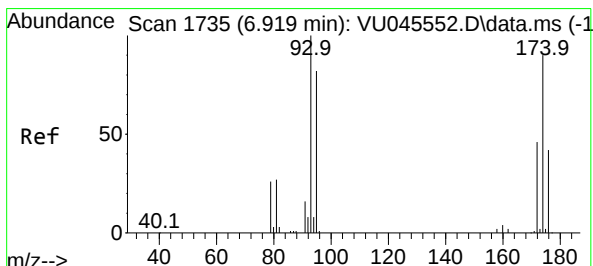
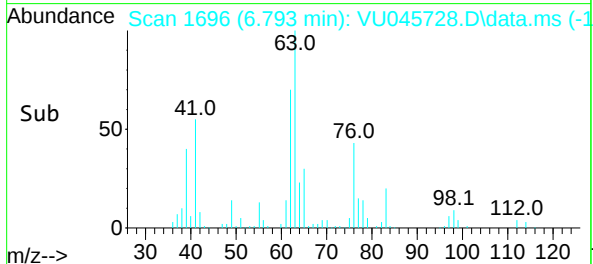
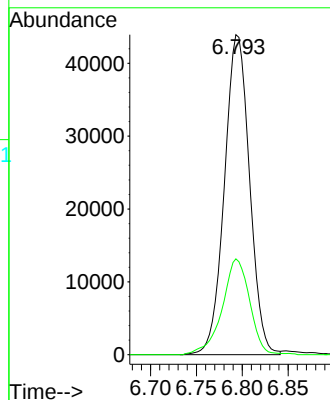
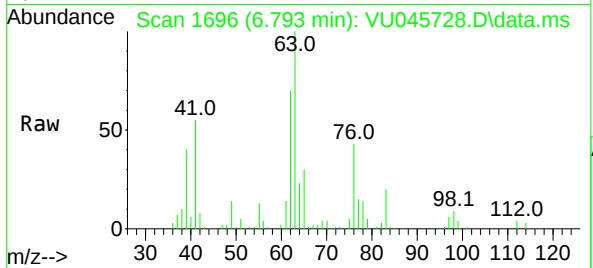
65 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 54.960 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

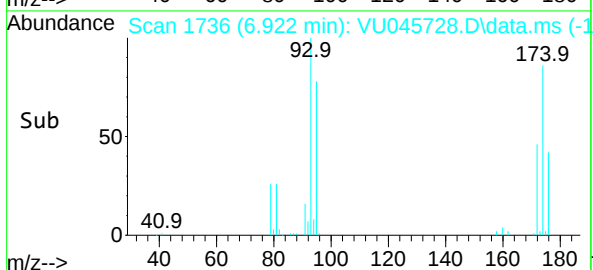
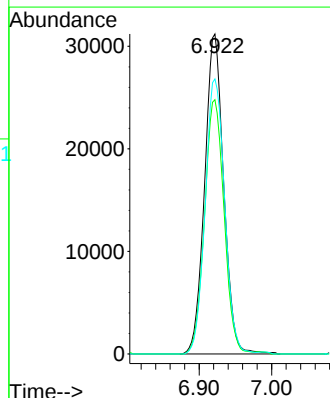
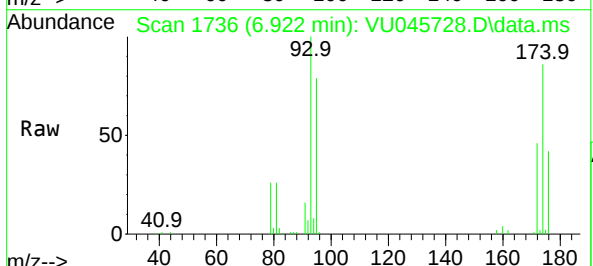
Tgt Ion: 93 Resp: 57070

Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.2

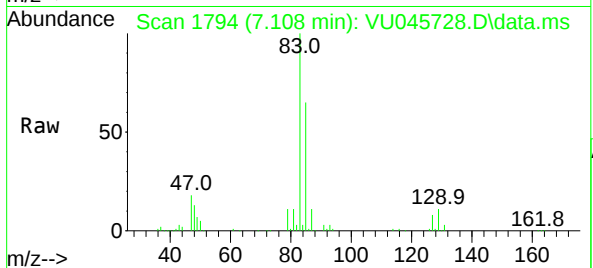
174 87.9 71.0 106.6





#47
Bromodichloromethane
Concen: 56.669 ug/l
RT: 7.108 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

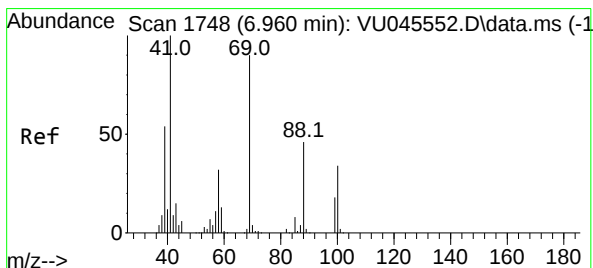
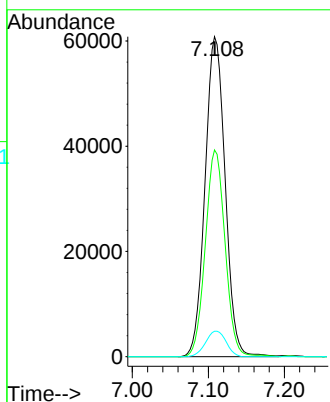
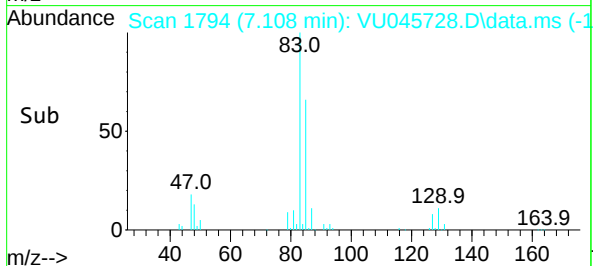
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 111654
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 7.9 6.2 9.2

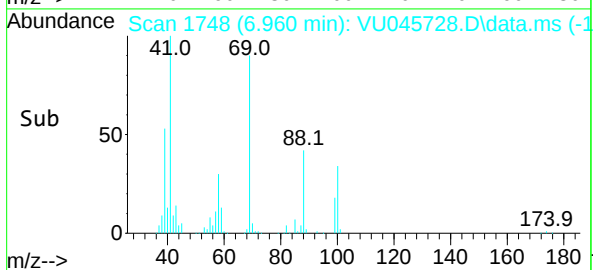
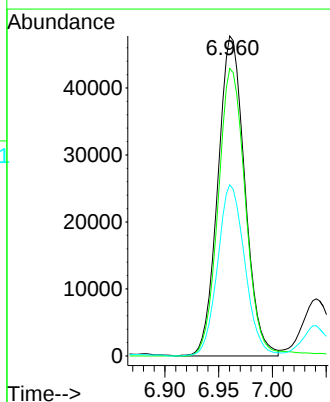
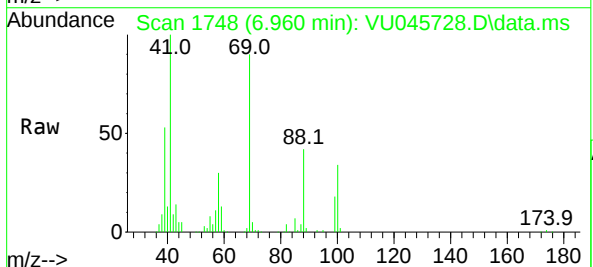
Manual Integrations
APPROVED

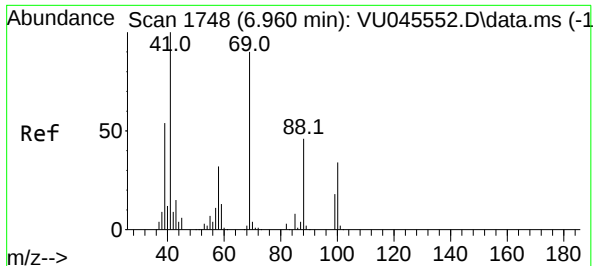
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 53.900 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Tgt Ion: 41 Resp: 83386
Ion Ratio Lower Upper
41 100
69 91.7 70.2 105.2
39 54.1 43.9 65.9





#49

1,4-Dioxane

Concen: 1022.238 ug/l

RT: 6.963 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

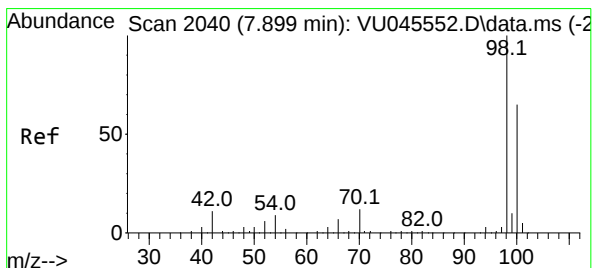
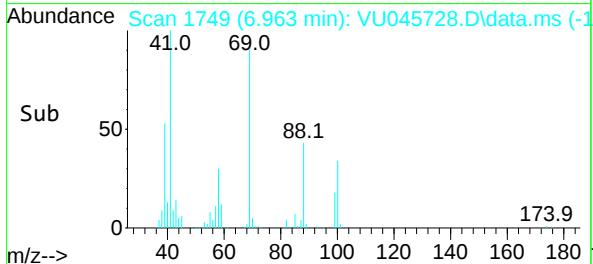
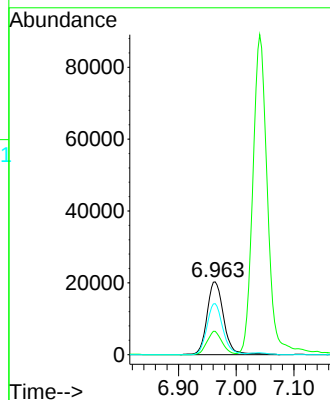
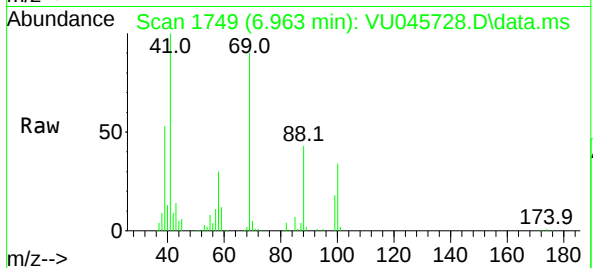
Tgt Ion: 88 Resp: 40670
 Ion Ratio Lower Upper
 88 100
 43 29.4 0.0 0.0
 58 66.9 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 52.867 ug/l

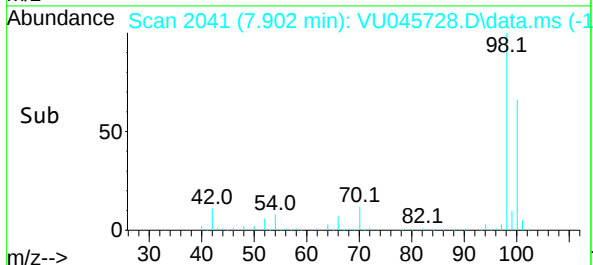
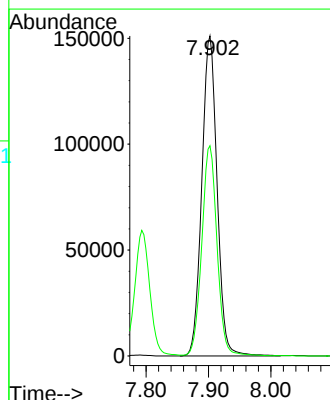
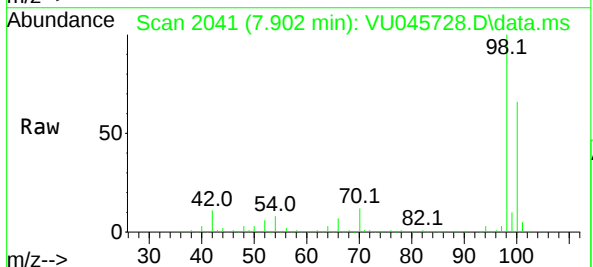
RT: 7.902 min Scan# 2041

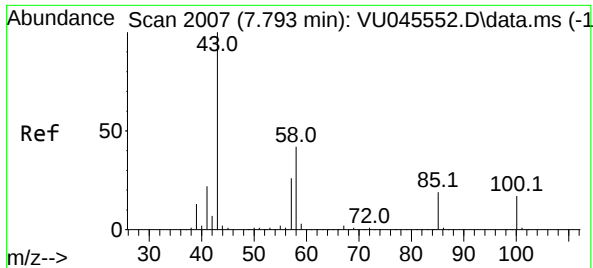
Delta R.T. 0.003 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

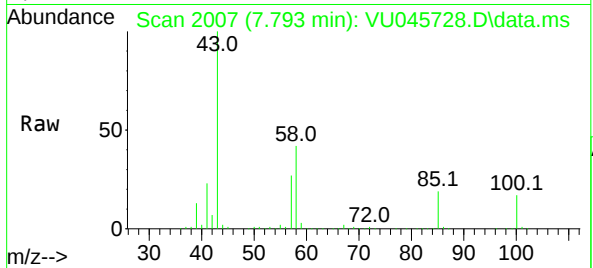
Tgt Ion: 98 Resp: 257505
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 267.411 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

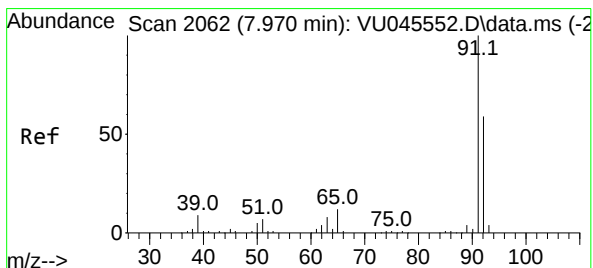
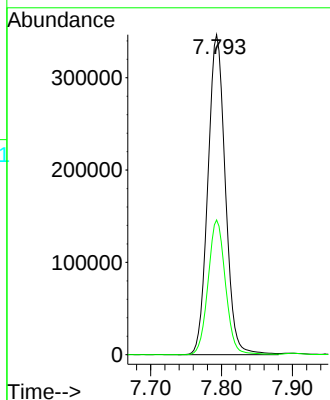
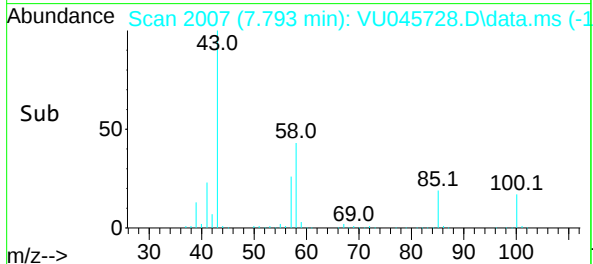
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



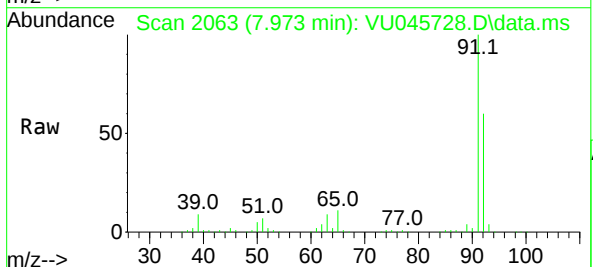
Tgt Ion: 43 Resp: 592918
Ion Ratio Lower Upper
43 100
58 41.9 33.8 50.8

Manual Integrations
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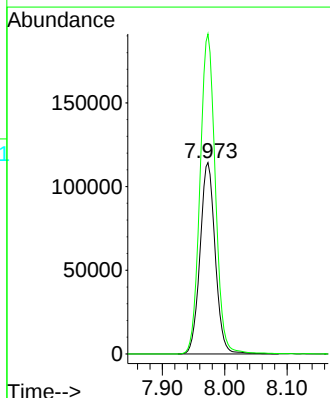
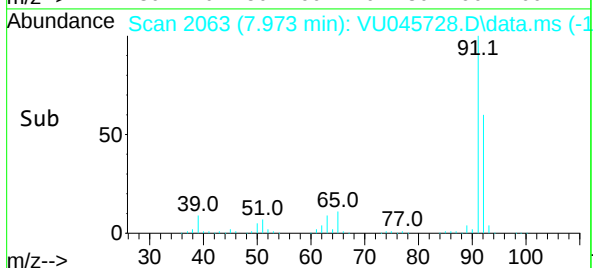
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

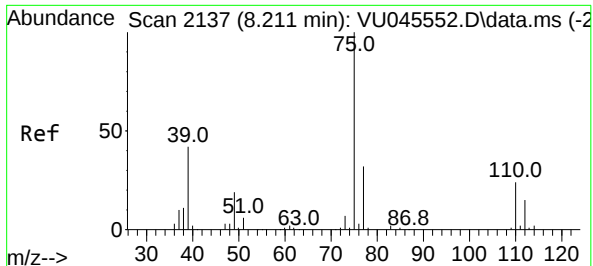


#52
Toluene
Concen: 55.696 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22



Tgt Ion: 92 Resp: 193127
Ion Ratio Lower Upper
92 100
91 169.2 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 53.453 ug/l

RT: 8.214 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 121039

Ion Ratio Lower Upper

75 100

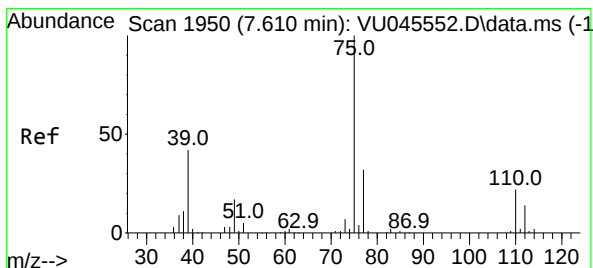
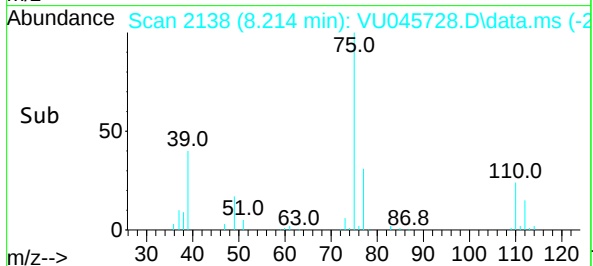
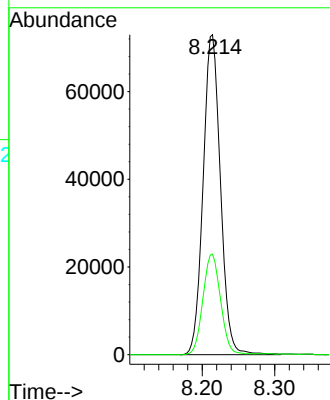
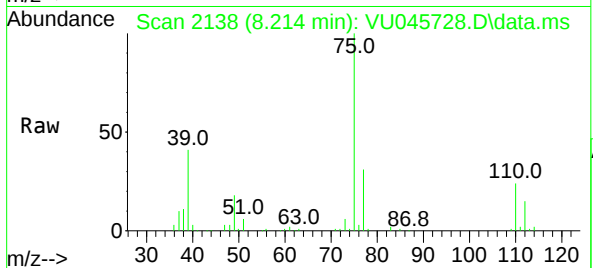
77 31.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

cis-1,3-Dichloropropene

Concen: 55.430 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

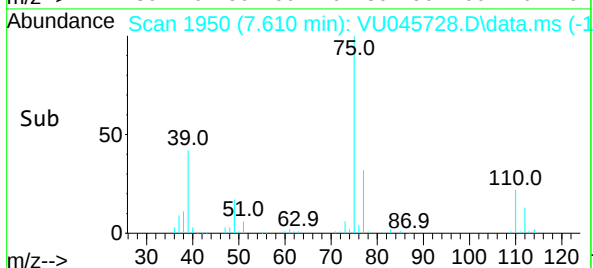
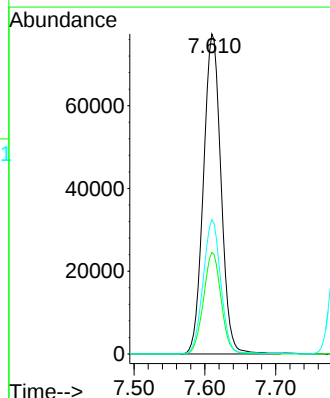
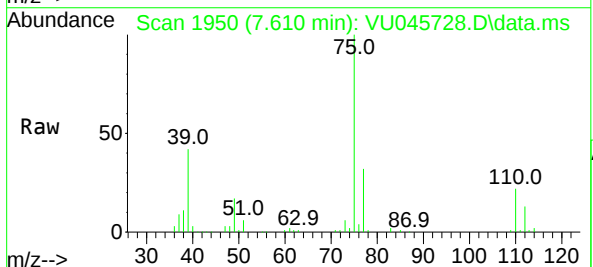
Tgt Ion: 75 Resp: 133316

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

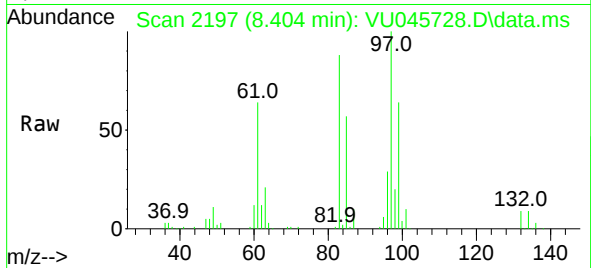
39 42.0 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 56.093 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

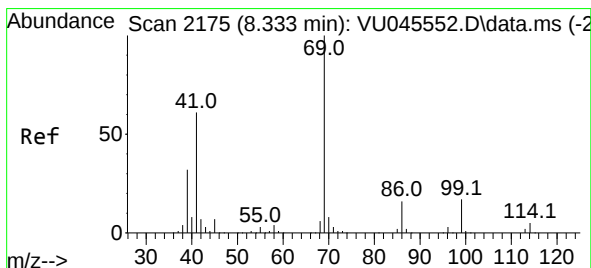
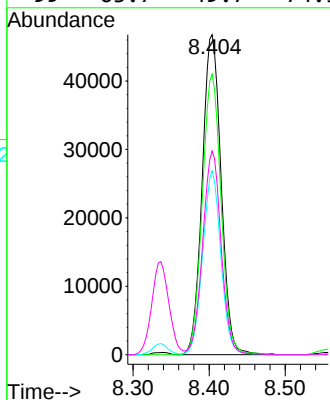
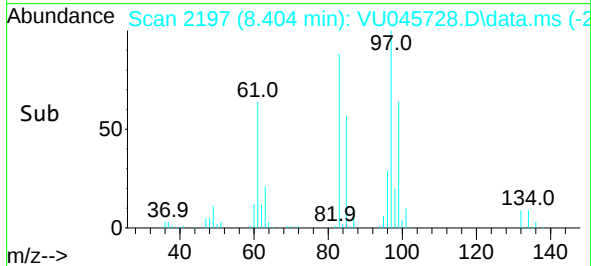
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



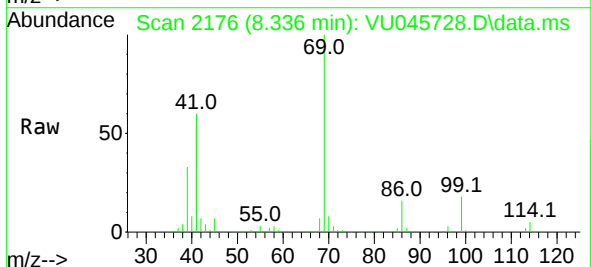
Tgt Ion: 97 Resp: 80612
Ion Ratio Lower Upper
97 100
83 87.7 70.3 105.5
85 57.4 45.5 68.3
99 63.7 49.7 74.5

Manual Integrations
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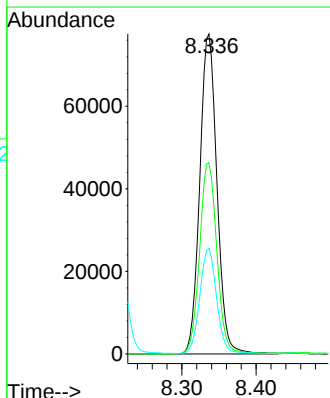
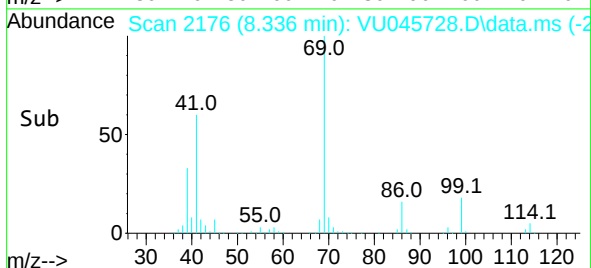
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

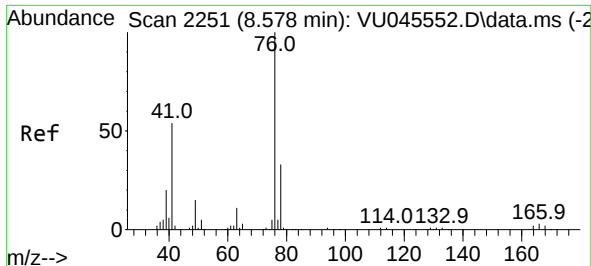


#56
Ethyl methacrylate
Concen: 48.429 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22



Tgt Ion: 69 Resp: 124629
Ion Ratio Lower Upper
69 100
41 60.4 51.0 76.4
39 32.7 26.6 39.8





#57

1,3-Dichloropropane

Concen: 54.680 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14153

Ion Ratio Lower Upper

76 100

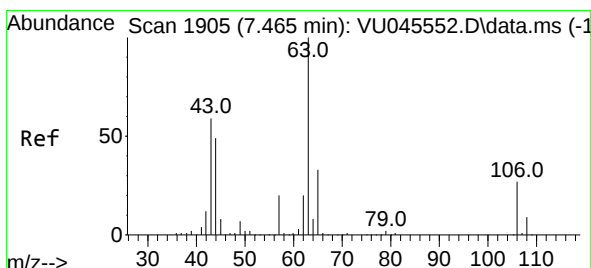
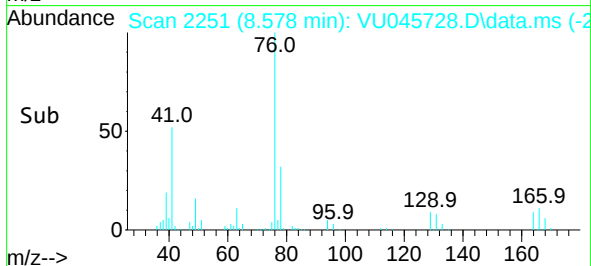
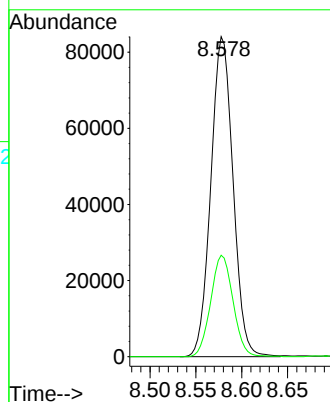
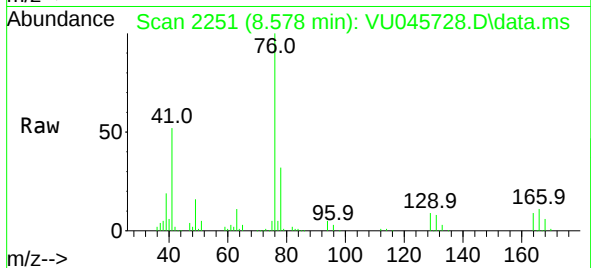
78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 210.507 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045728.D

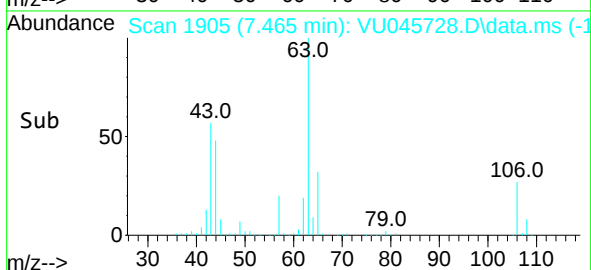
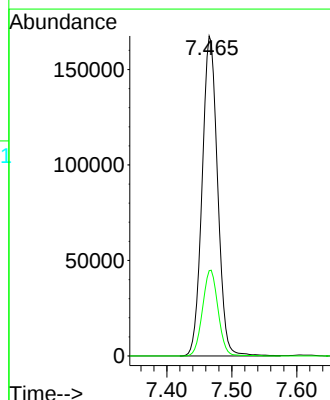
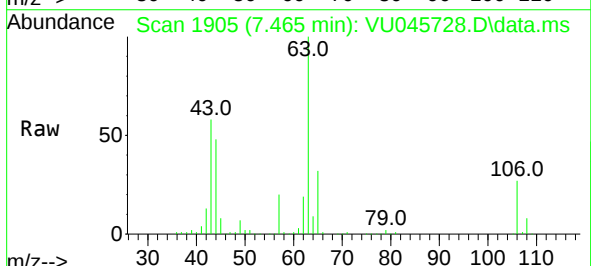
Acq: 11 Nov 2021 10:22

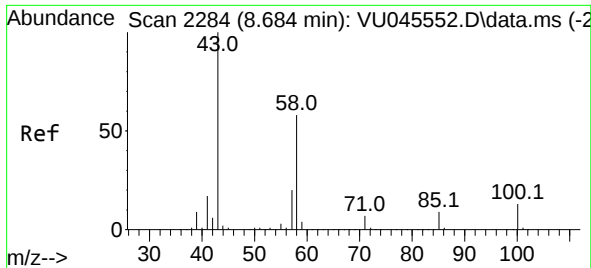
Tgt Ion: 63 Resp: 278513

Ion Ratio Lower Upper

63 100

106 26.9 21.0 31.4





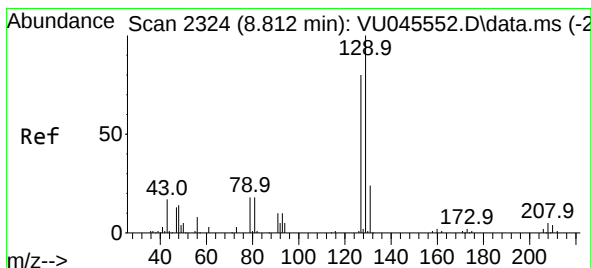
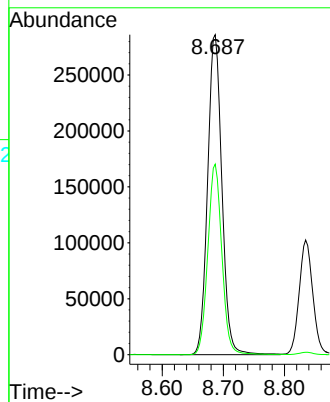
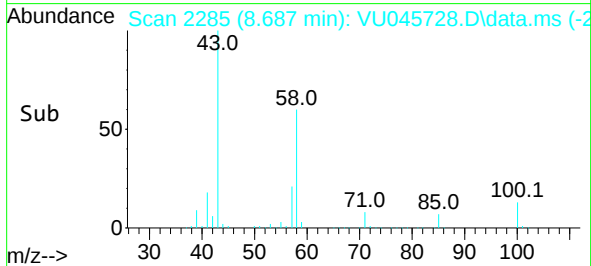
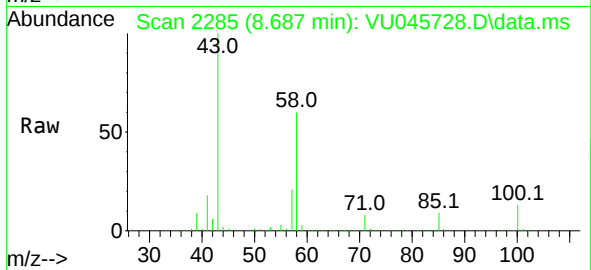
#59
2-Hexanone
Concen: 240.588 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 46360
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.6

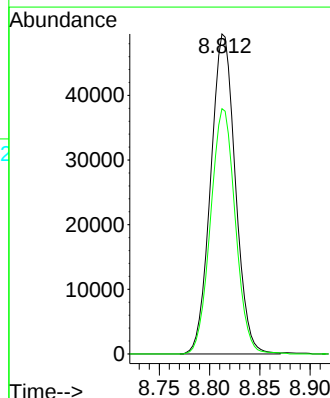
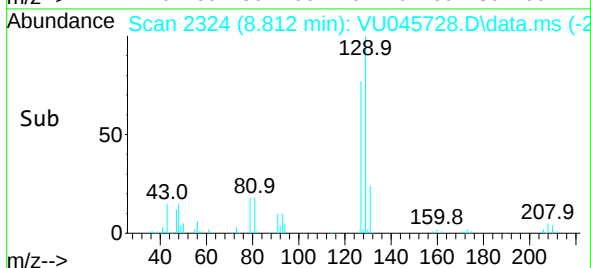
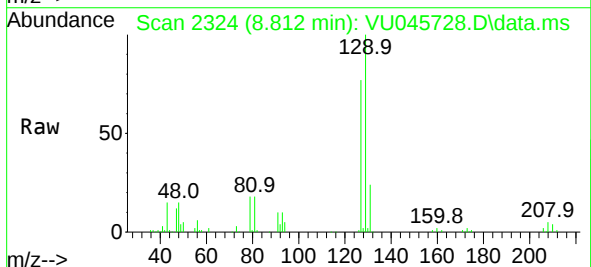
Manual Integrations
APPROVED

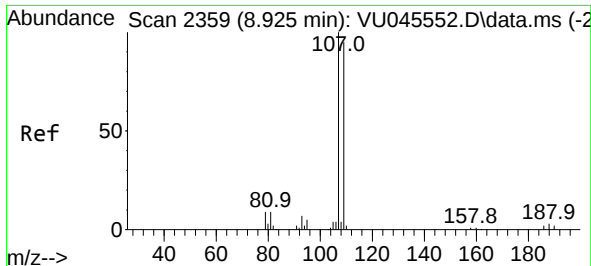
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 56.446 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

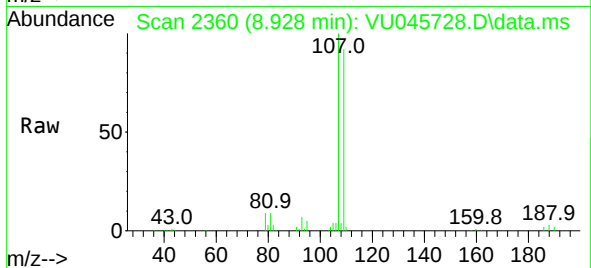
Tgt Ion:129 Resp: 84469
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 55.144 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

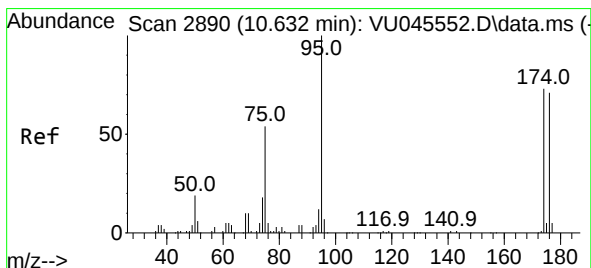
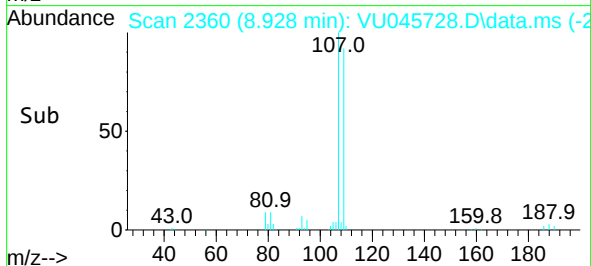
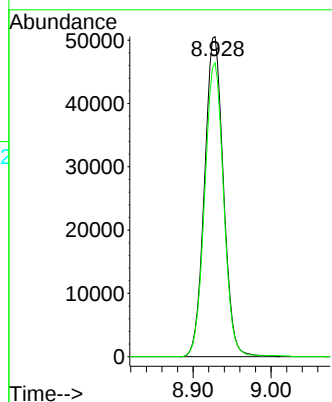
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 84990
Ion Ratio Lower Upper
107 100
109 92.2 75.8 113.8

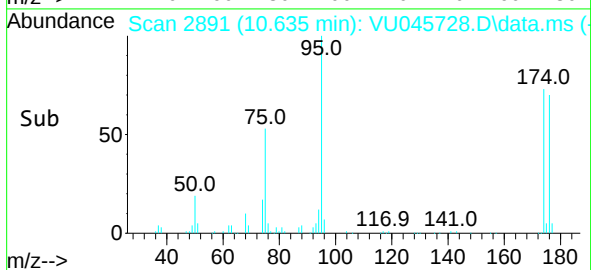
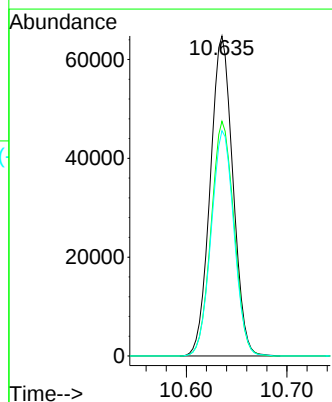
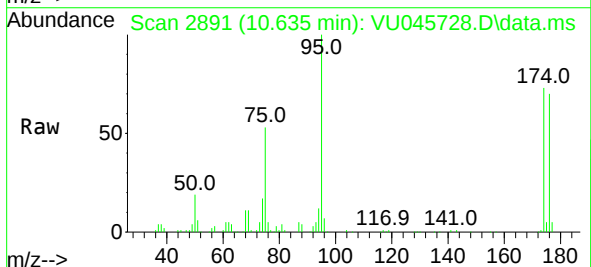
Manual Integrations
APPROVED

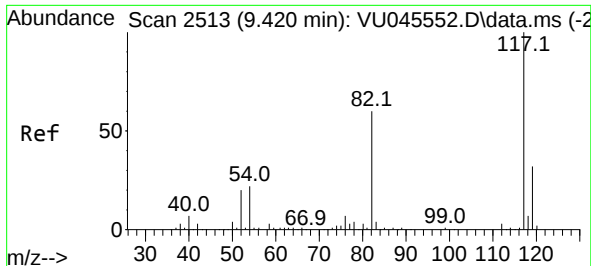
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
4-Bromofluorobenzene
Concen: 51.958 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

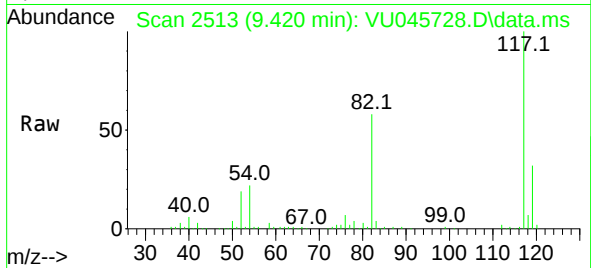
Tgt Ion: 95 Resp: 101482
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.8
176 70.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

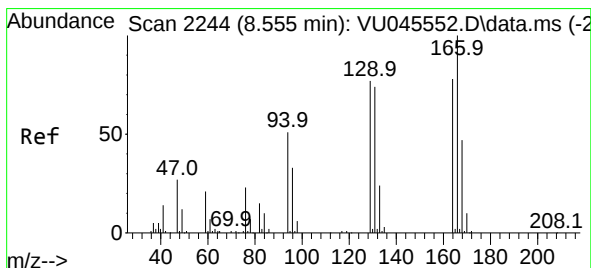
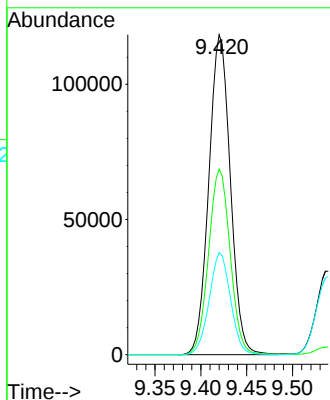
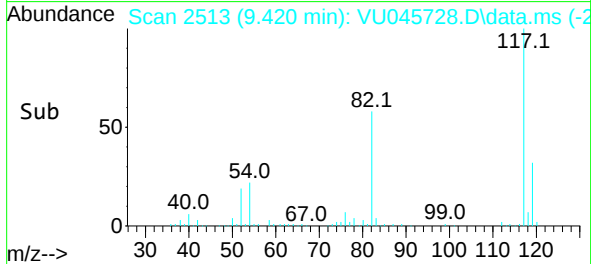
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 193129
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 31.9 25.8 38.8

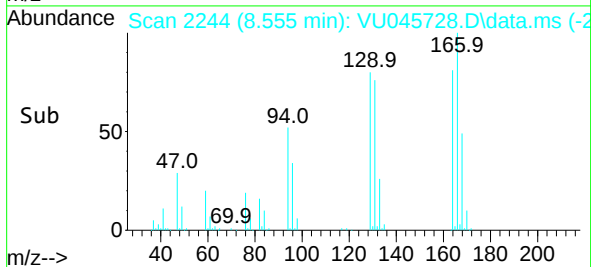
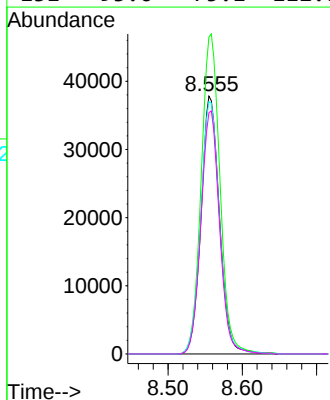
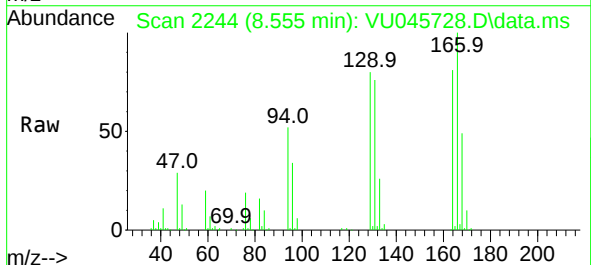
Manual Integrations
APPROVED

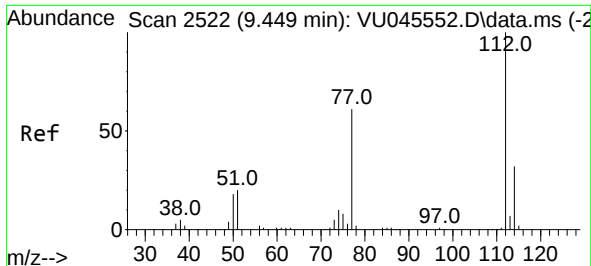
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 58.874 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Tgt Ion:164 Resp: 65260
Ion Ratio Lower Upper
164 100
166 122.9 102.2 153.4
129 97.8 78.2 117.4
131 93.6 75.1 112.7





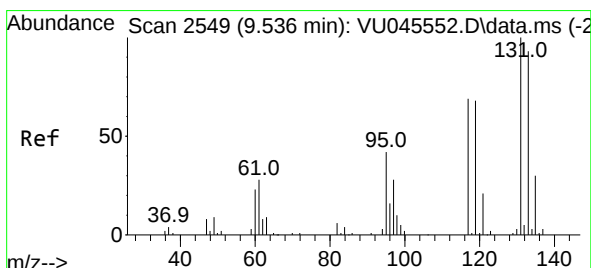
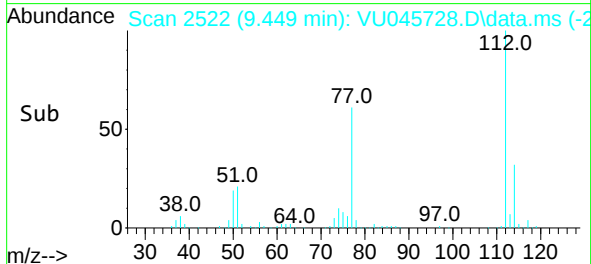
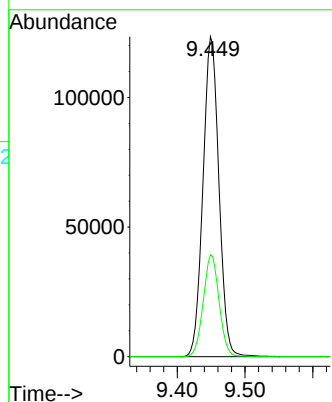
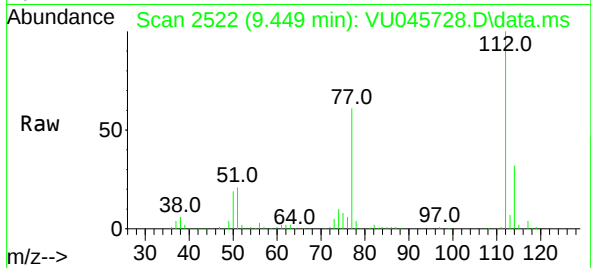
#65
Chlorobenzene
Concen: 53.143 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 20160
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

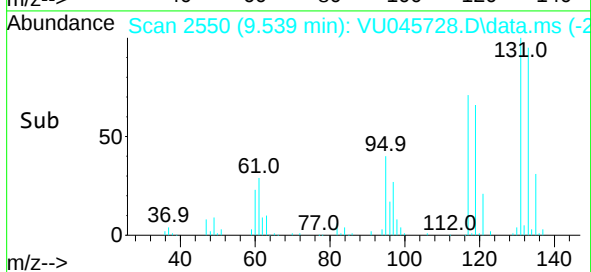
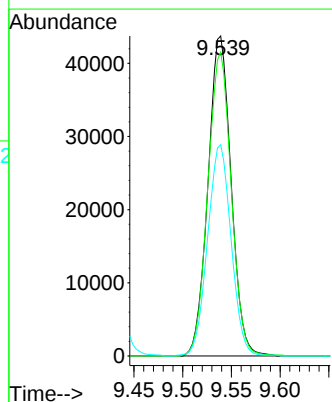
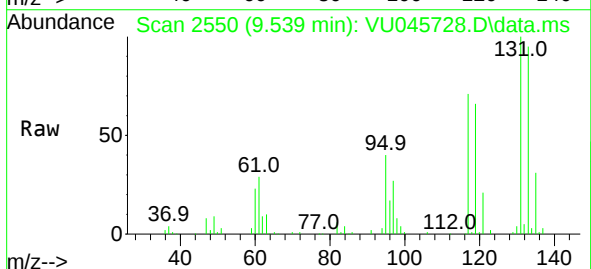
Manual Integrations
APPROVED

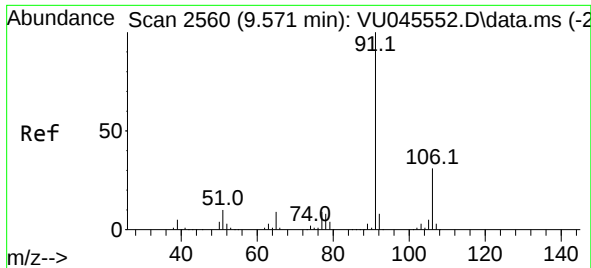
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 53.348 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Tgt Ion:131 Resp: 72179
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 67.3 34.5 103.6





#67

Ethyl Benzene

Concen: 54.316 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 368998

Ion Ratio Lower Upper

91 100

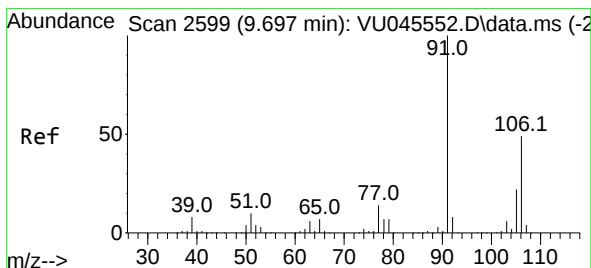
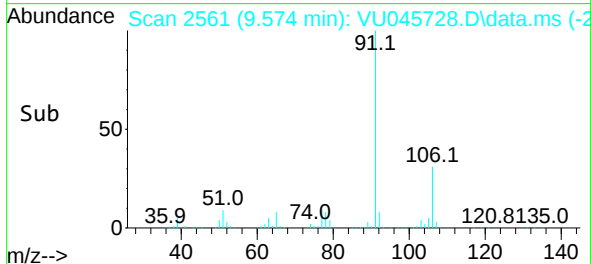
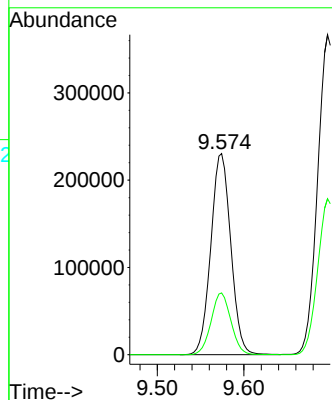
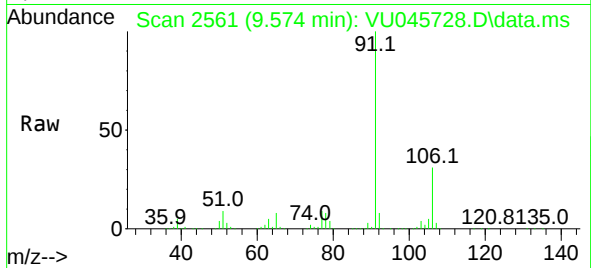
106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

m/p-Xylenes

Concen: 112.822 ug/l

RT: 9.696 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045728.D

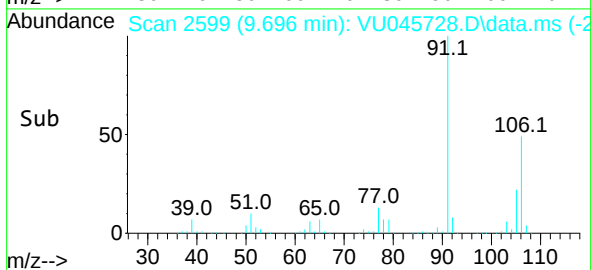
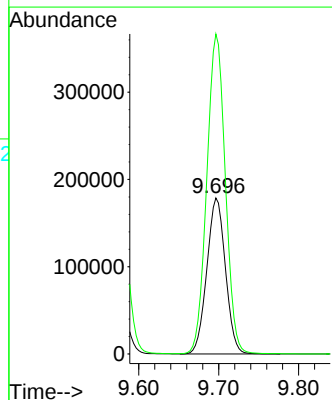
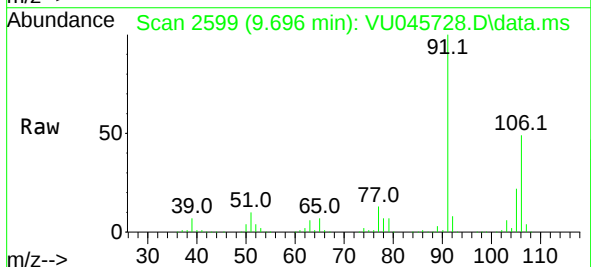
Acq: 11 Nov 2021 10:22

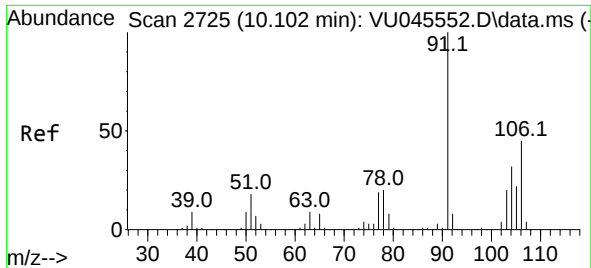
Tgt Ion:106 Resp: 289060

Ion Ratio Lower Upper

106 100

91 205.0 164.7 247.1





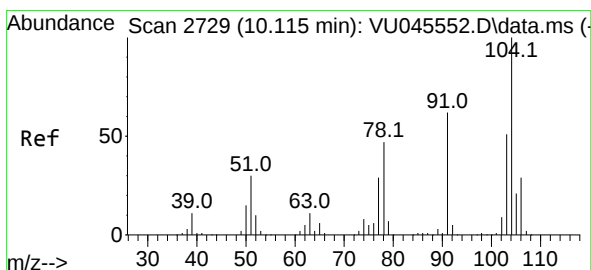
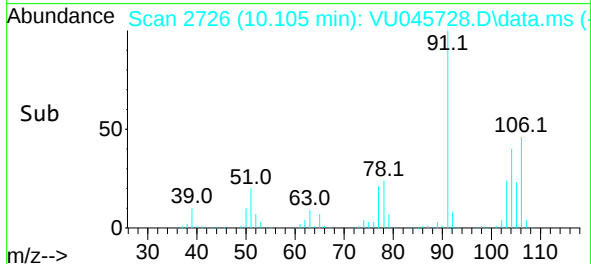
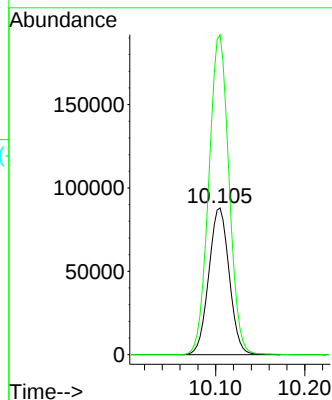
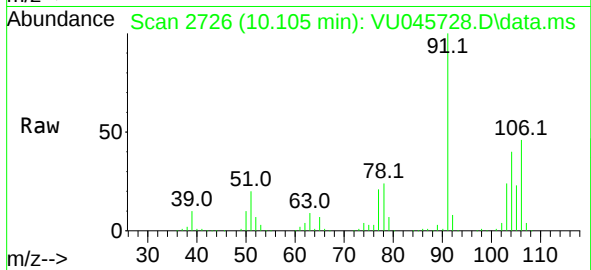
#69
o-Xylene
Concen: 56.258 ug/l
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 14013
Ion Ratio Lower Upper
106 100
91 215.9 108.7 326.3

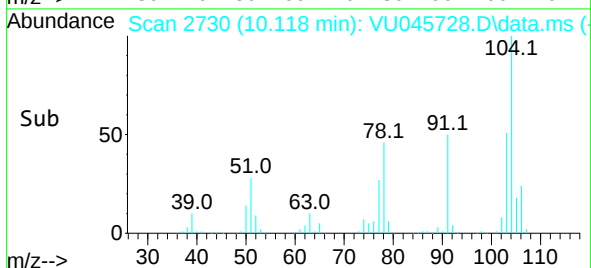
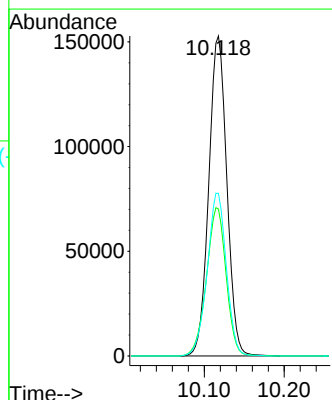
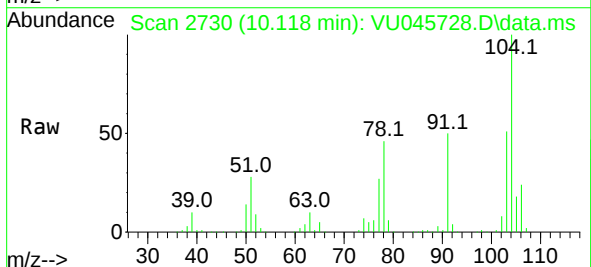
Manual Integrations
APPROVED

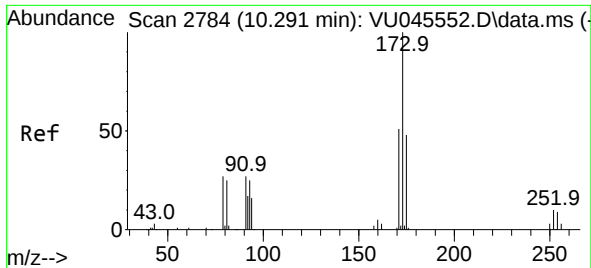
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 56.993 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

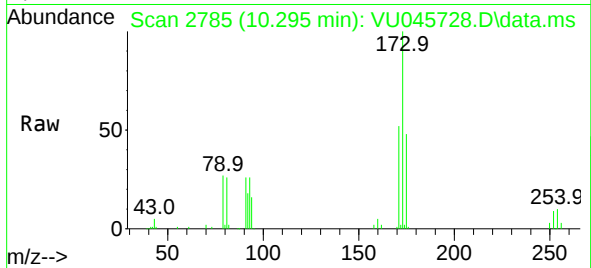
Tgt Ion:104 Resp: 240166
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.6
103 54.0 43.8 65.6





#71
Bromoform
Concen: 48.141 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

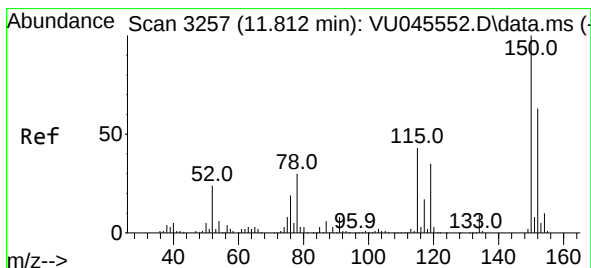
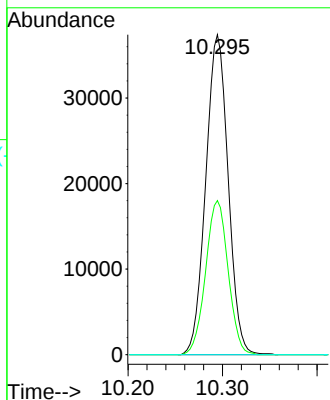
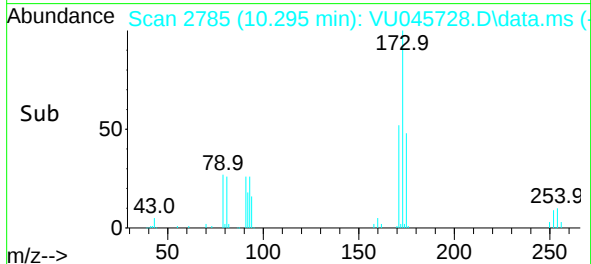
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



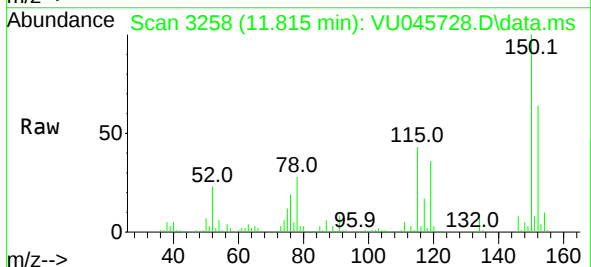
Tgt Ion:173 Resp: 61492
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

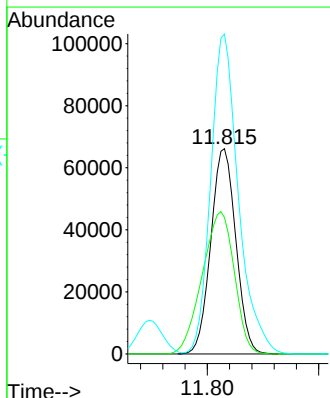
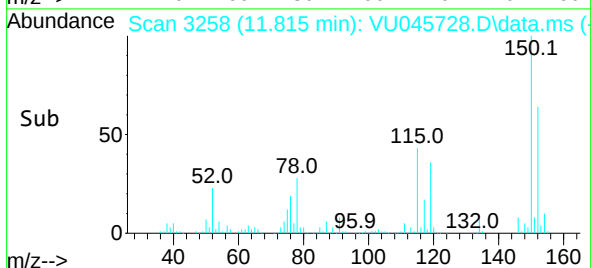
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

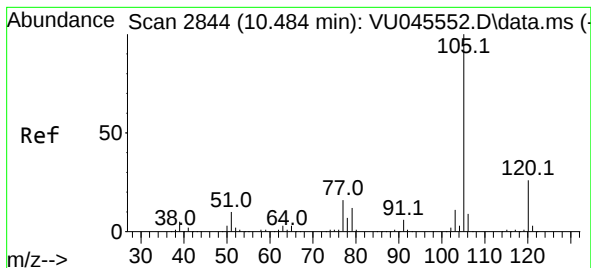


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22



Tgt Ion:152 Resp: 103268
Ion Ratio Lower Upper
152 100
115 88.7 42.7 128.1
150 172.5 0.0 346.8





#73

Isopropylbenzene

Concen: 54.963 ug/l

RT: 10.487 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 37086

Ion Ratio Lower Upper

105 100

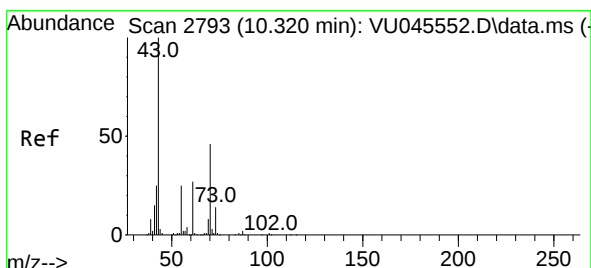
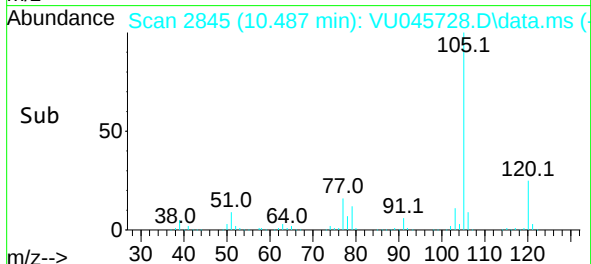
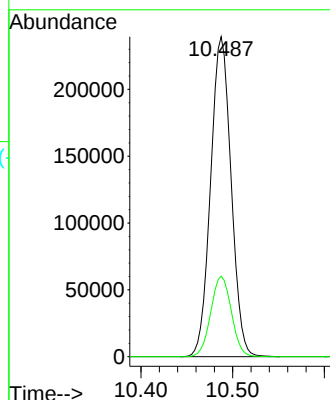
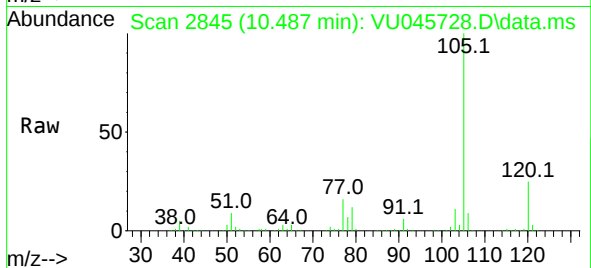
120 25.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

N-aryl acetate

Concen: 49.783 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Tgt Ion: 43 Resp: 151534

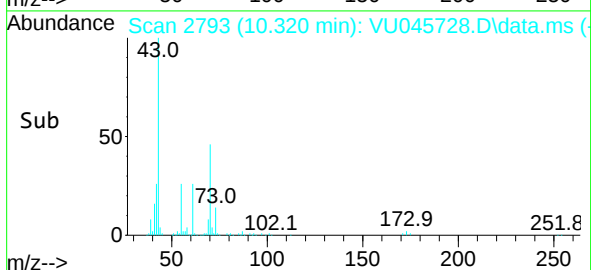
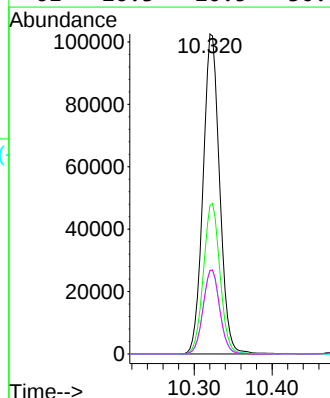
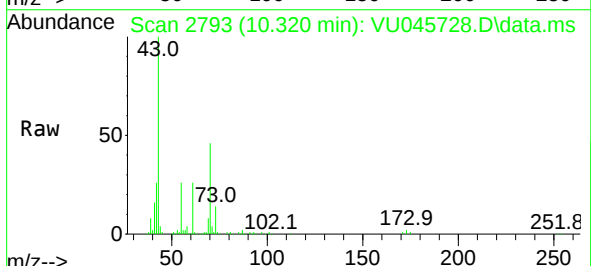
Ion Ratio Lower Upper

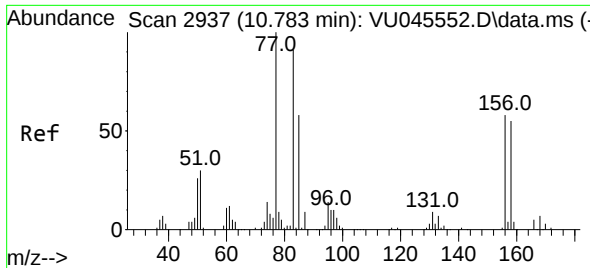
43 100

70 47.0 36.9 55.3

55 26.4 20.6 31.0

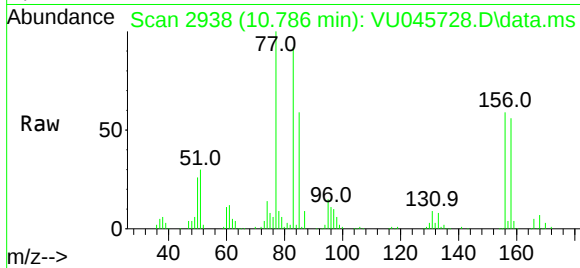
61 26.3 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.829 ug/l
RT: 10.786 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

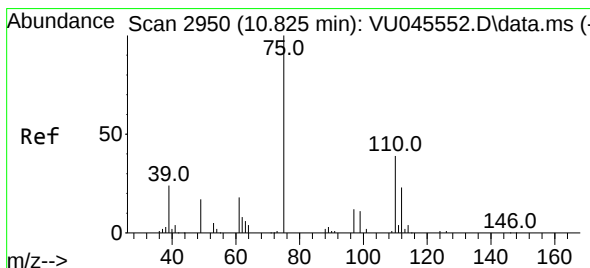
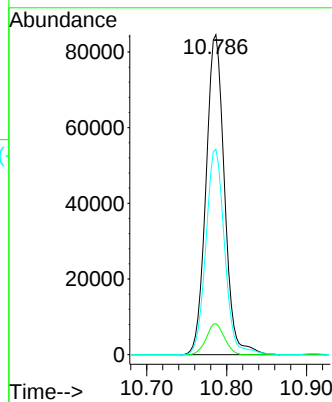
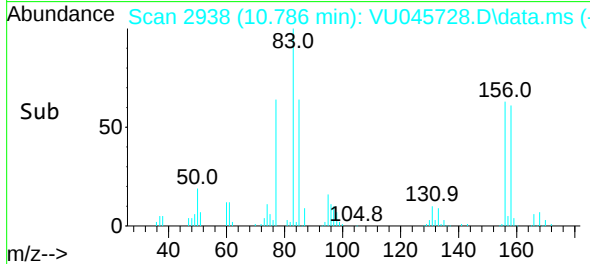
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



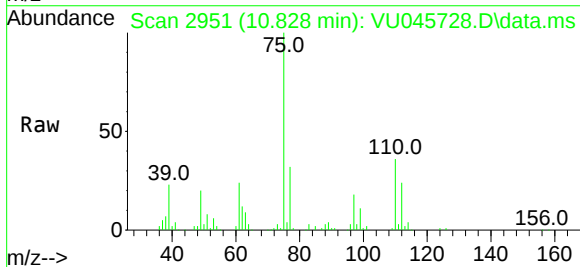
Tgt Ion: 83 Resp: 13588
Ion Ratio Lower Upper
83 100
131 9.5 4.4 13.2
85 65.3 31.9 95.9

Manual Integrations
APPROVED

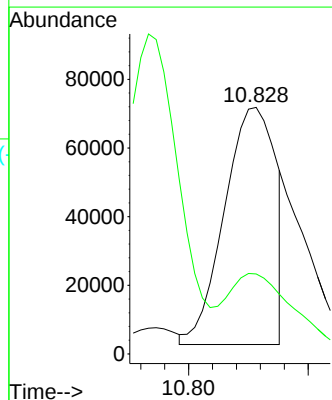
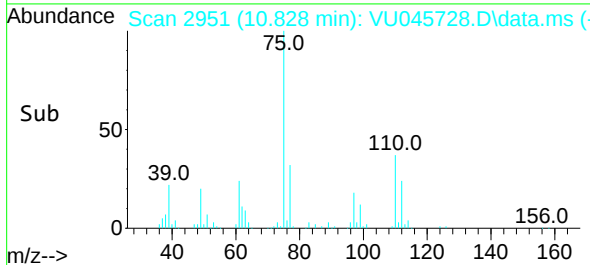
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

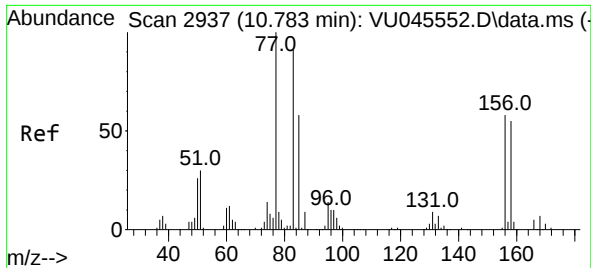


#76
1,2,3-Trichloropropane
Concen: 32.901 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22



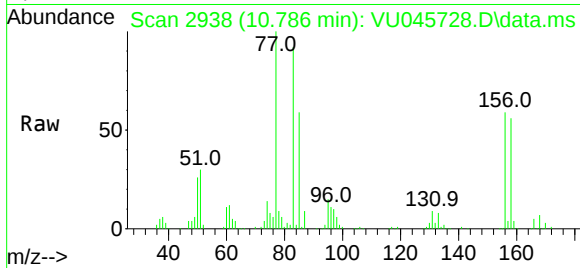
Tgt Ion: 75 Resp: 103035
Ion Ratio Lower Upper
75 100
77 43.8 17.1 51.3





#77
Bromobenzene
Concen: 53.580 ug/l
RT: 10.786 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

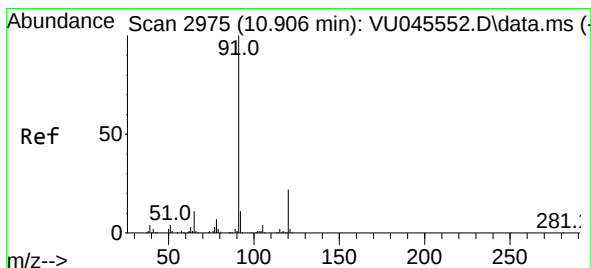
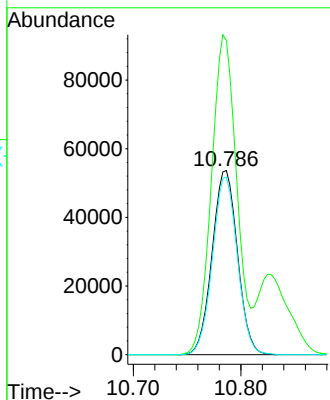
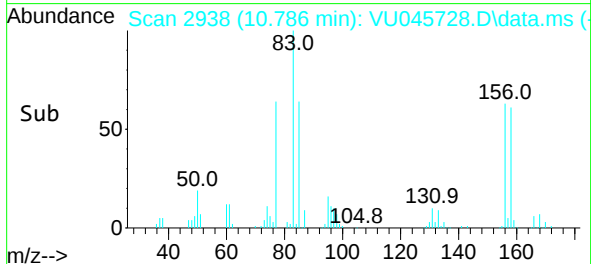
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



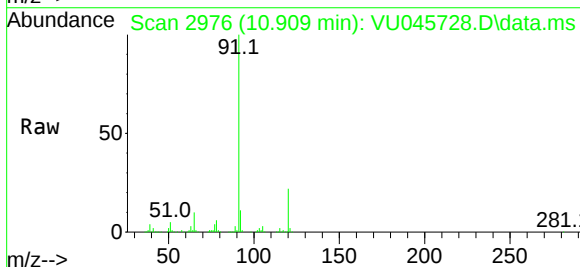
Tgt Ion:156 Resp: 8777
Ion Ratio Lower Upper
156 100
77 172.3 91.1 273.4
158 95.0 47.9 143.6

Manual Integrations
APPROVED

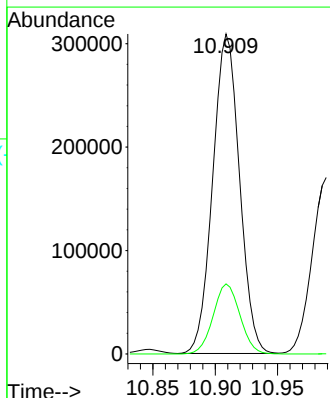
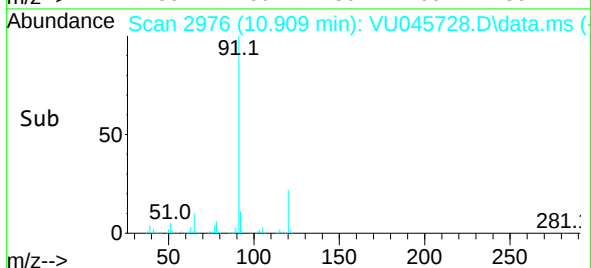
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

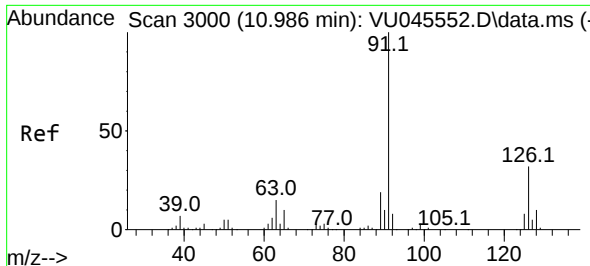


#78
n-propylbenzene
Concen: 54.939 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22



Tgt Ion: 91 Resp: 461371
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.7





#79

2-Chlorotoluene

Concen: 53.820 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 267029

Ion Ratio Lower Upper

91 100

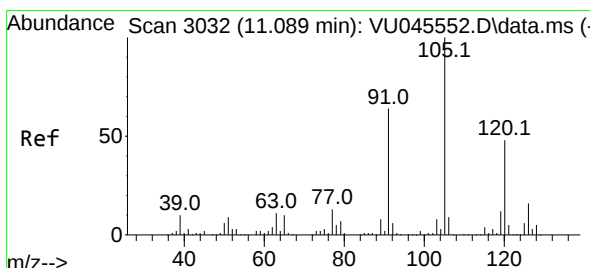
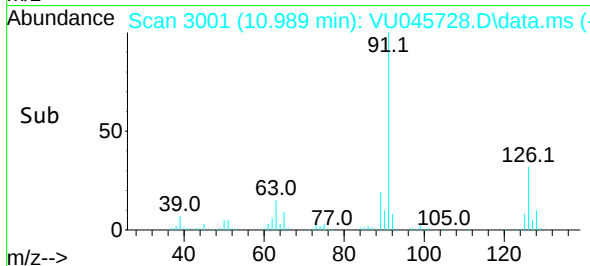
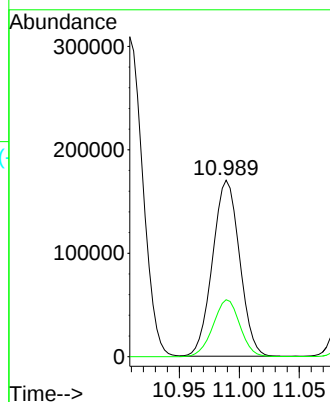
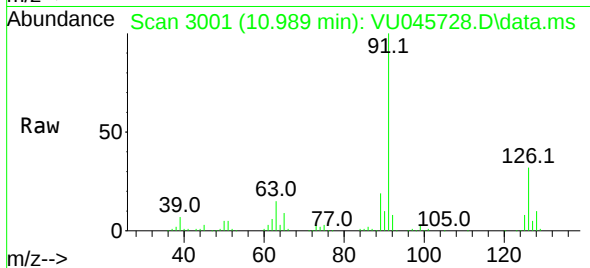
126 32.2 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 54.955 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VU045728.D

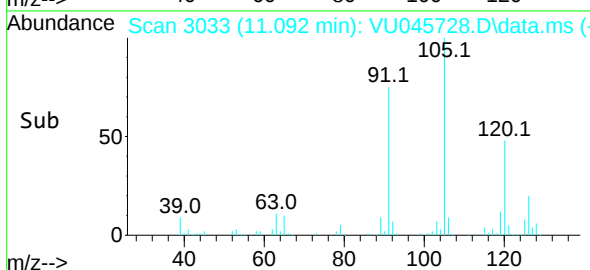
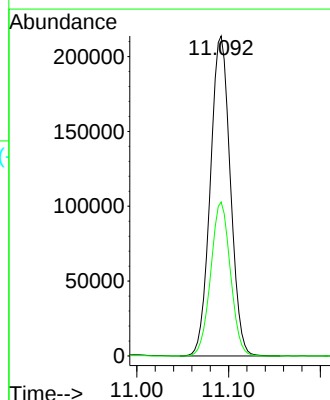
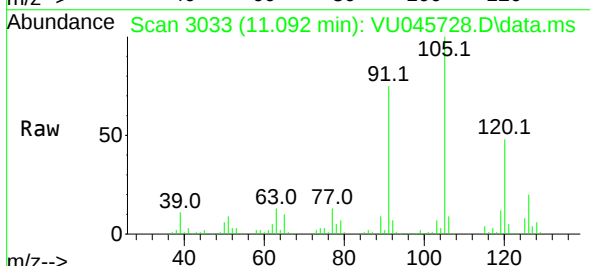
Acq: 11 Nov 2021 10:22

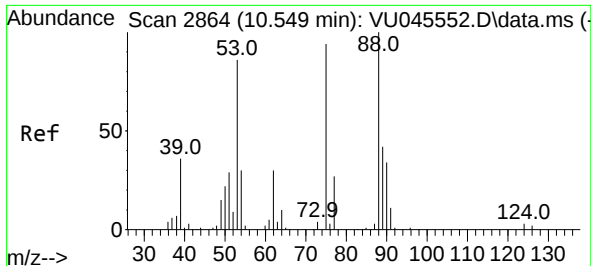
Tgt Ion:105 Resp: 323975

Ion Ratio Lower Upper

105 100

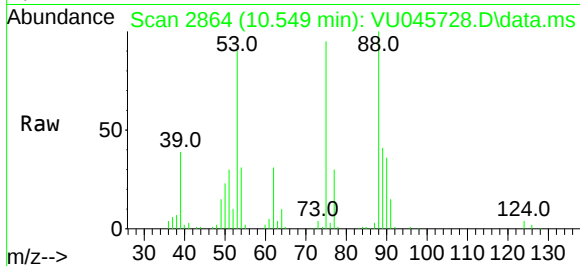
120 47.3 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 43.087 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

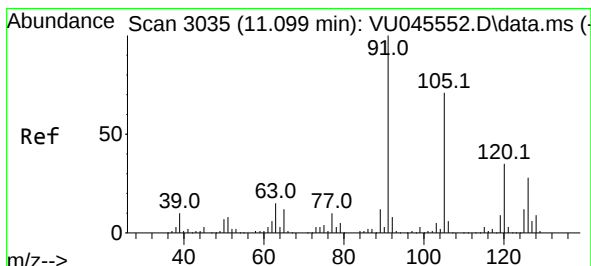
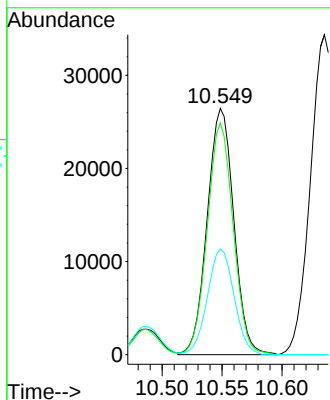
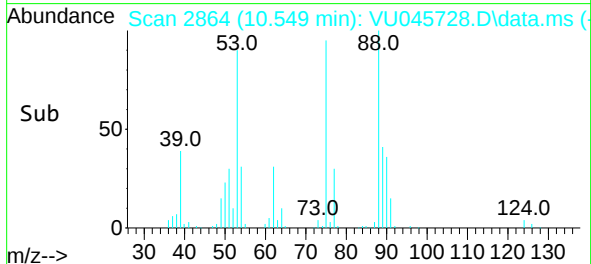
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 40769
Ion Ratio Lower Upper
75 100
53 91.9 76.2 114.4
89 43.1 34.0 51.0

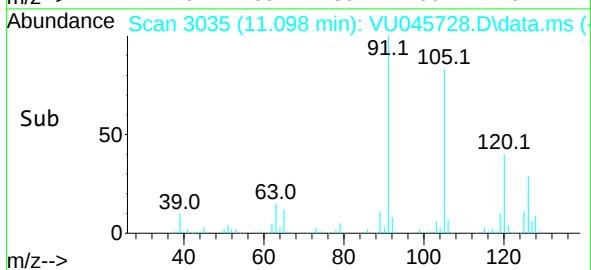
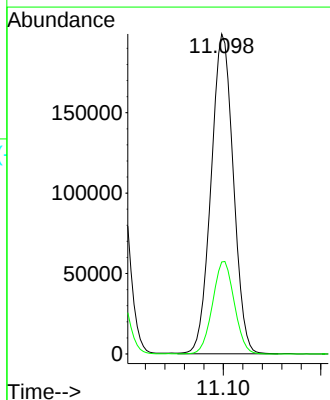
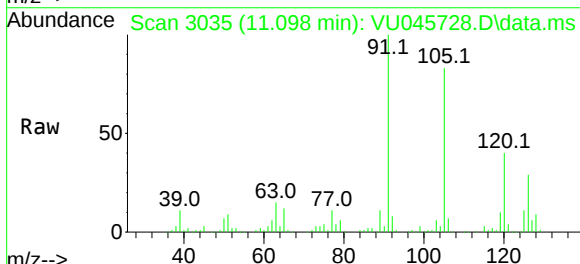
Manual Integrations
APPROVED

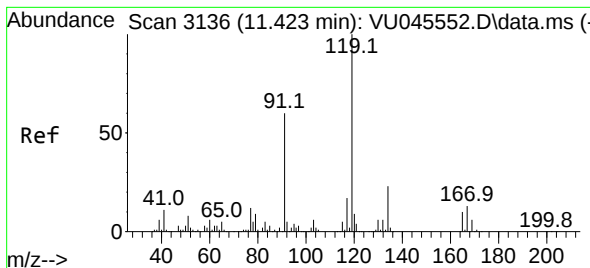
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 54.149 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

Tgt Ion: 91 Resp: 315077
Ion Ratio Lower Upper
91 100
126 28.3 13.8 41.4





#83

tert-Butylbenzene

Concen: 54.656 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 307149

Ion Ratio Lower Upper

119 100

91 59.7 30.5 91.5

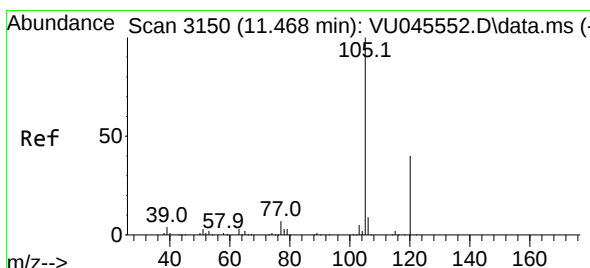
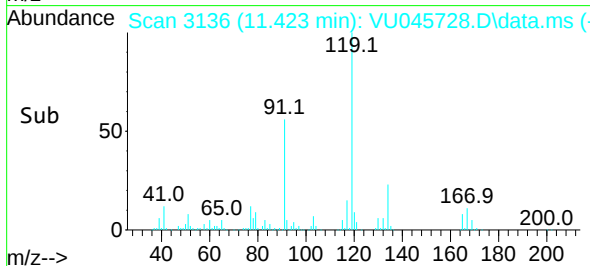
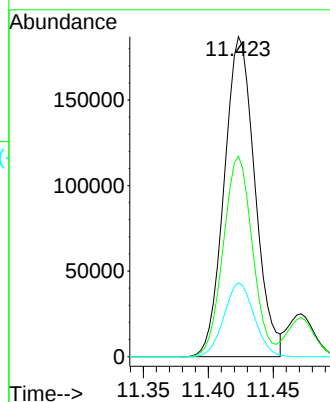
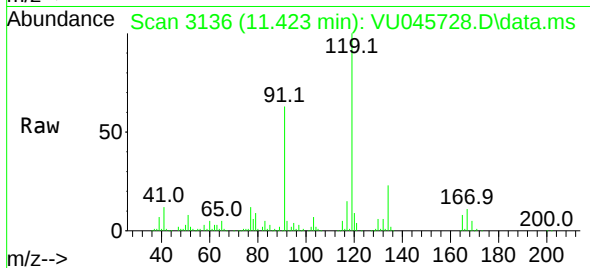
134 22.7 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#84

1,2,4-Trimethylbenzene

Concen: 55.055 ug/l

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU045728.D

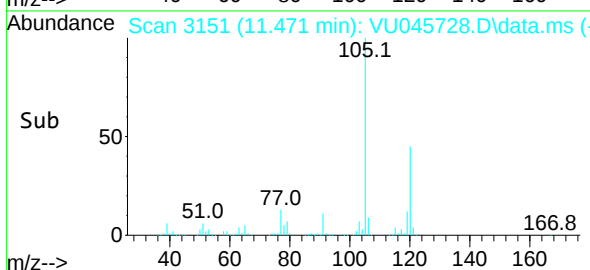
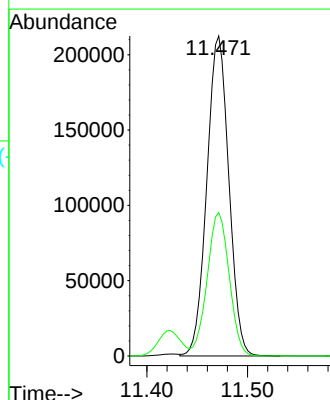
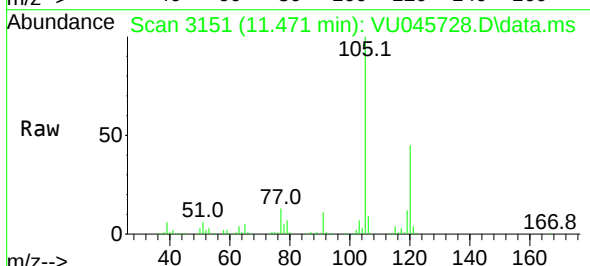
Acq: 11 Nov 2021 10:22

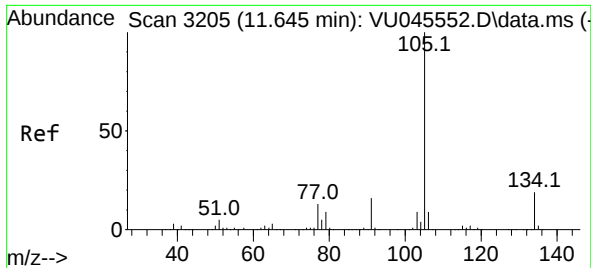
Tgt Ion:105 Resp: 322577

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





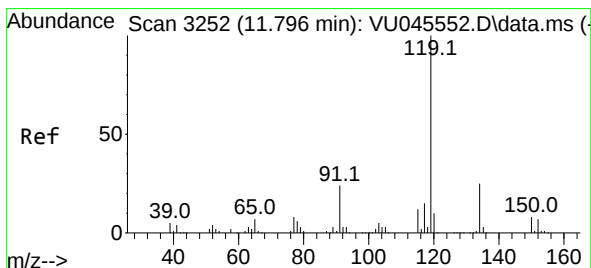
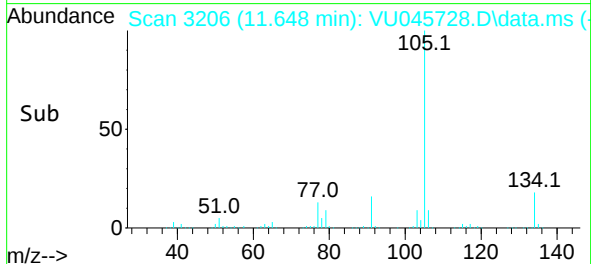
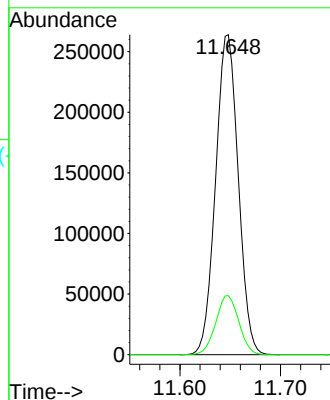
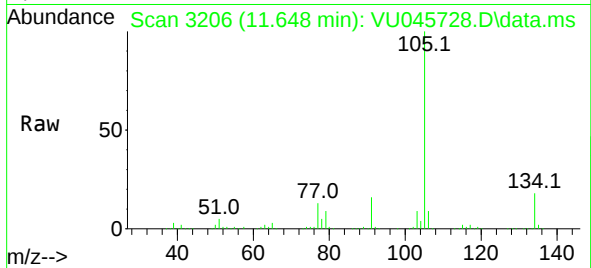
#85
 sec-Butylbenzene
 Concen: 55.428 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045728.D
 Acq: 11 Nov 2021 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 41311
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3

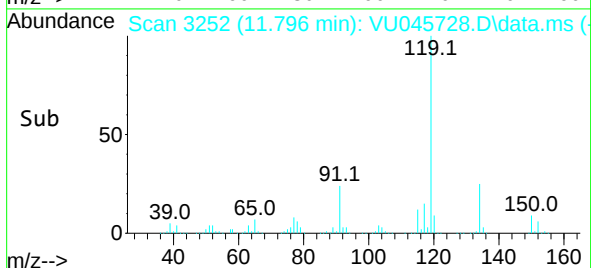
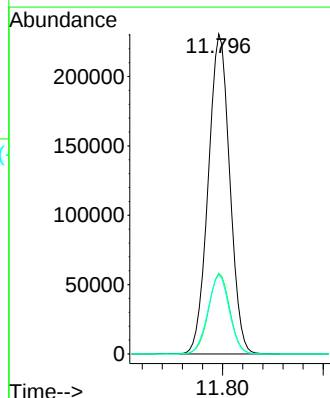
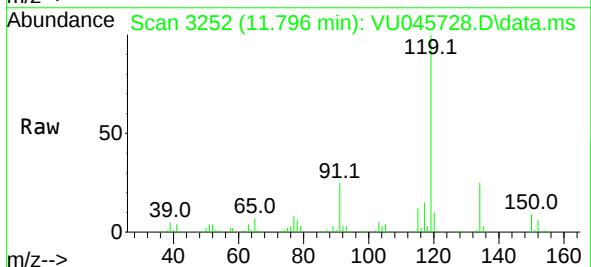
Manual Integrations
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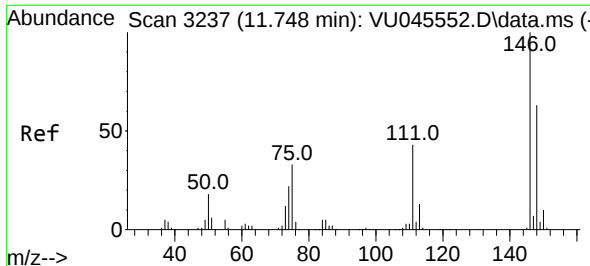
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#86
 p-Isopropyltoluene
 Concen: 54.969 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045728.D
 Acq: 11 Nov 2021 10:22

Tgt Ion:119 Resp: 342355
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.1
 91 24.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 52.007 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU045728.D

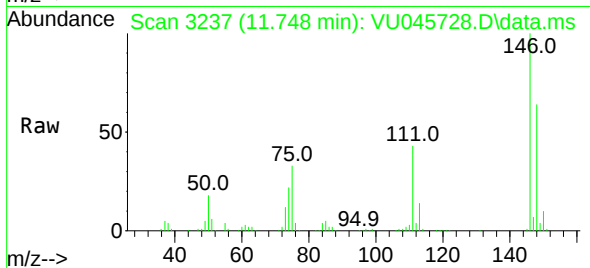
Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 17190

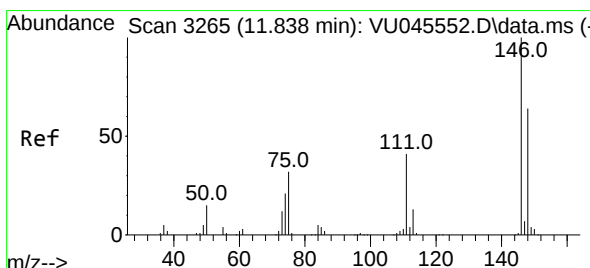
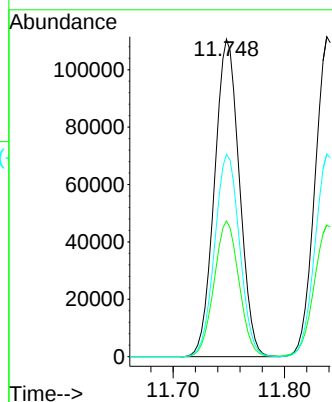
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.9
148	63.9	31.7	95.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#88

1,4-Dichlorobenzene

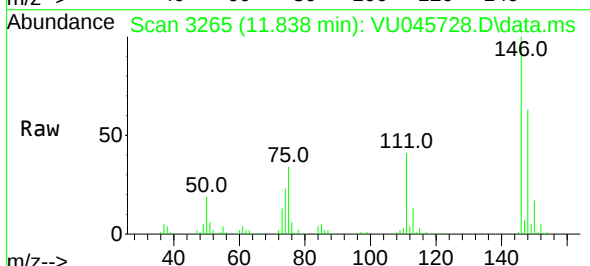
Concen: 52.118 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

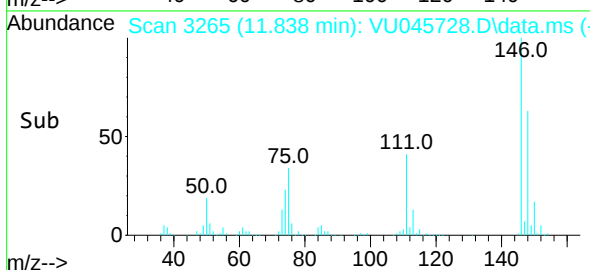
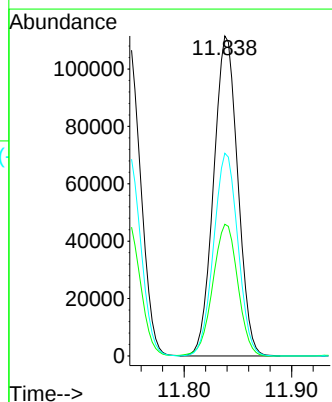
Lab File: VU045728.D

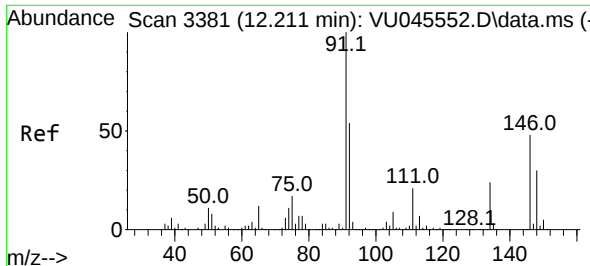
Acq: 11 Nov 2021 10:22



Tgt Ion:146 Resp: 174234

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.6	61.9
148	63.7	31.9	95.7





#89

n-Butylbenzene

Concen: 54.277 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 32563

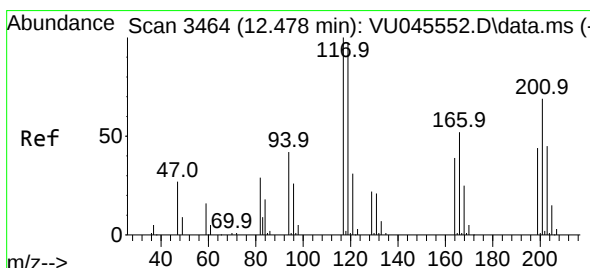
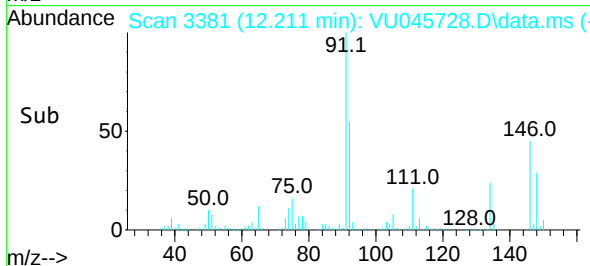
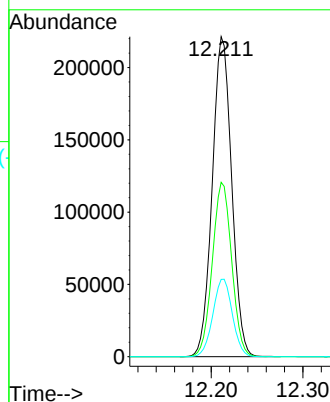
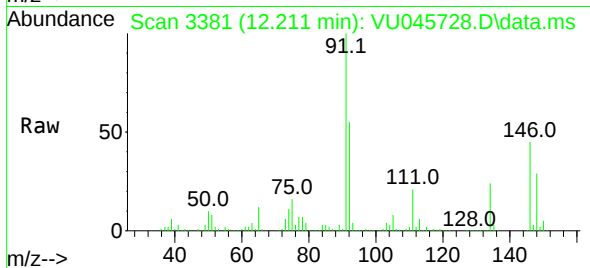
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.2
134	24.3	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#90

Hexachloroethane

Concen: 48.526 ug/l

RT: 12.478 min Scan# 3464

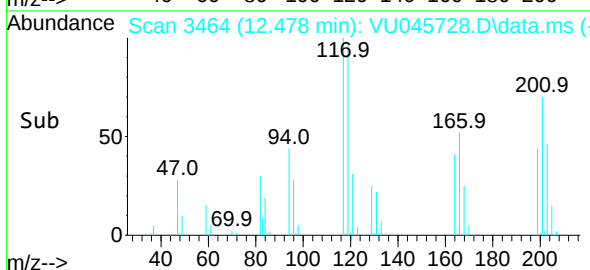
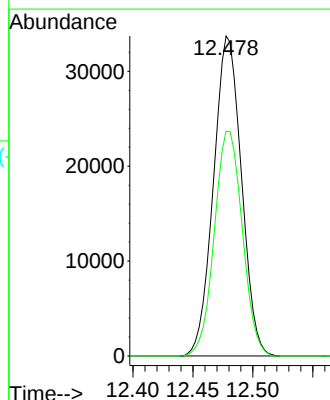
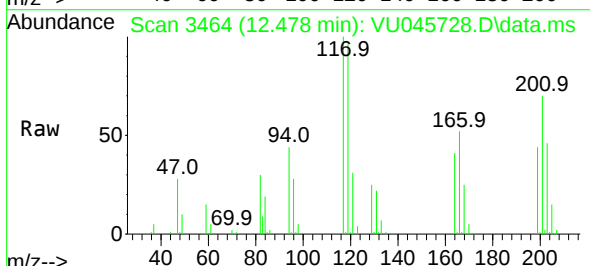
Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Tgt Ion:117 Resp: 54521

Ion	Ratio	Lower	Upper
117	100		
201	70.5	33.8	101.4





#91

1,2-Dichlorobenzene

Concen: 52.628 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 16924

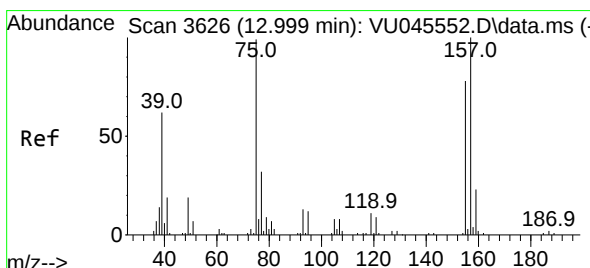
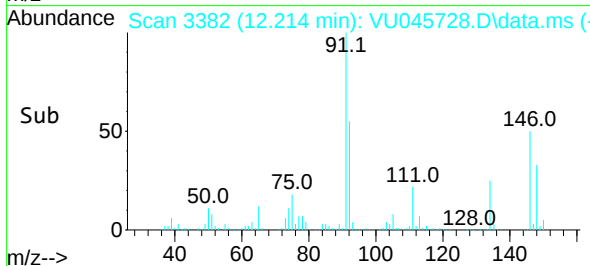
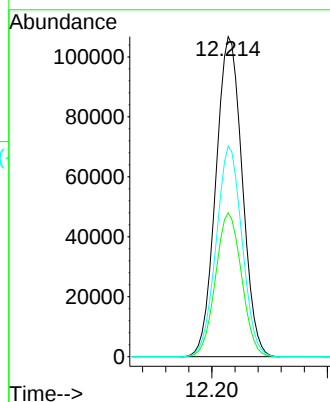
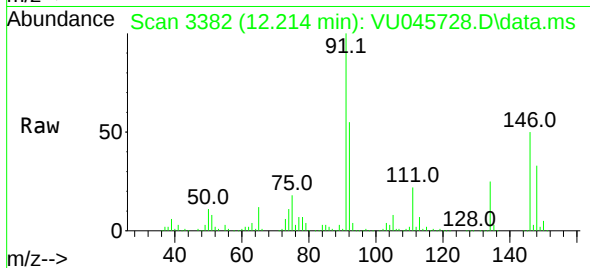
Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.5
148	64.6	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.921 ug/l

RT: 12.999 min Scan# 3626

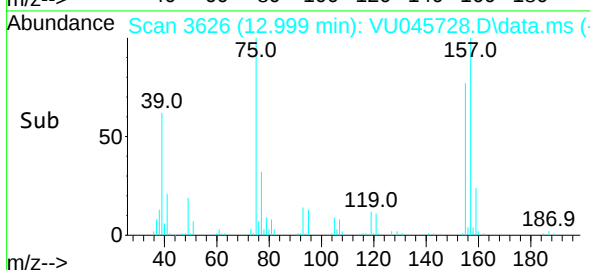
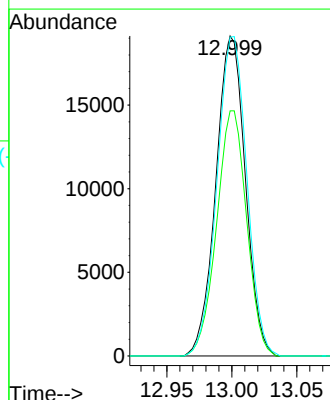
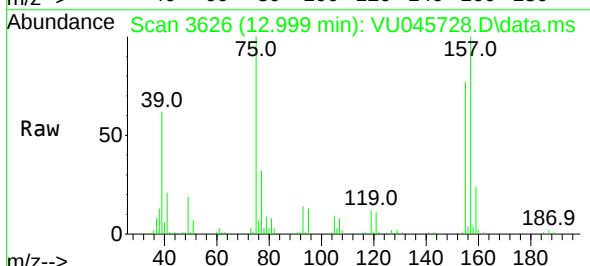
Delta R.T. -0.000 min

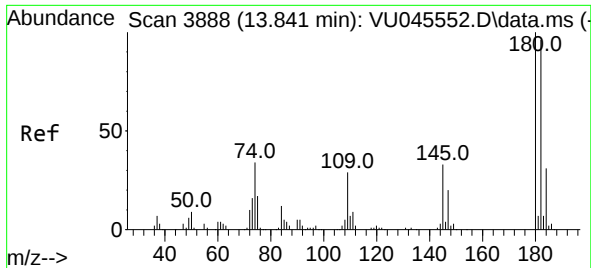
Lab File: VU045728.D

Acq: 11 Nov 2021 10:22

Tgt Ion: 75 Resp: 30228

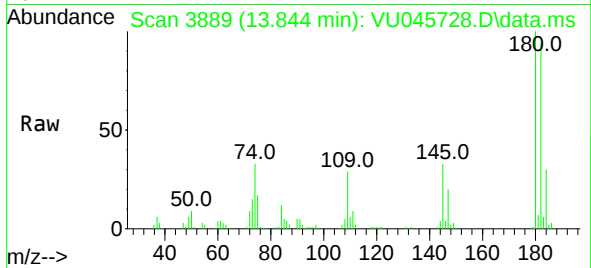
Ion	Ratio	Lower	Upper
75	100		
155	77.8	37.8	113.3
157	101.1	48.4	145.2





#93
1,2,4-Trichlorobenzene
Concen: 51.790 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

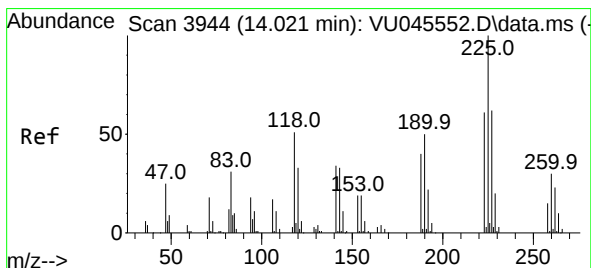
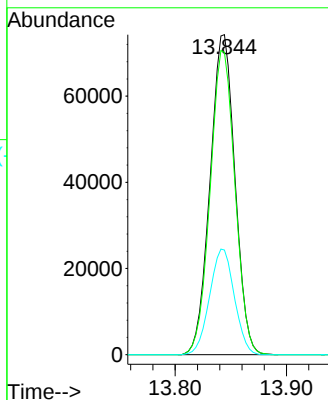
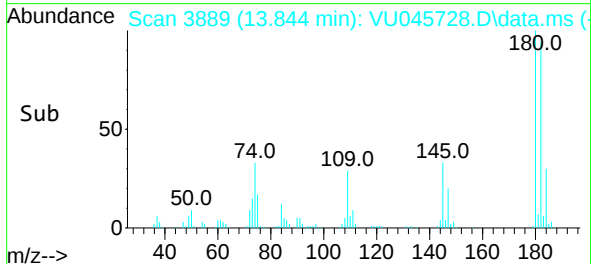
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 115158
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.2
145 32.9 15.6 46.7

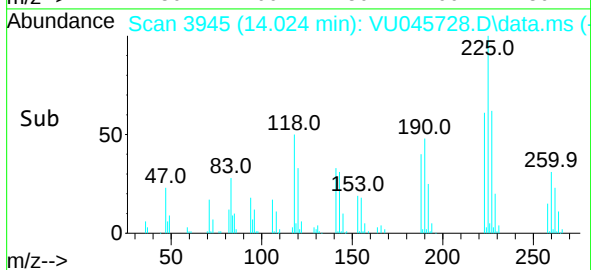
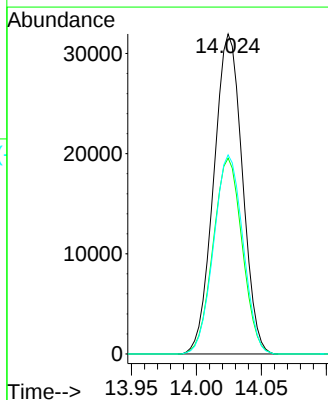
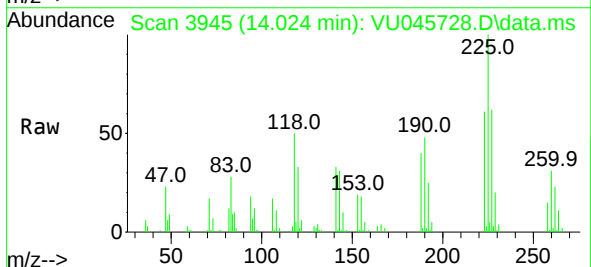
Manual Integrations
APPROVED

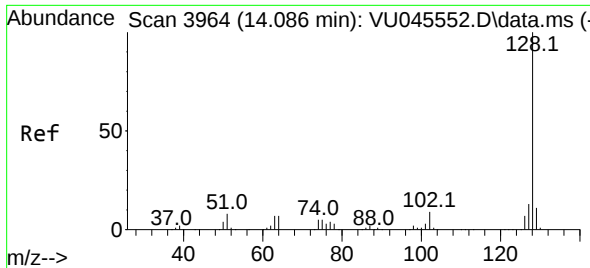
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#94
Hexachlorobutadiene
Concen: 50.975 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

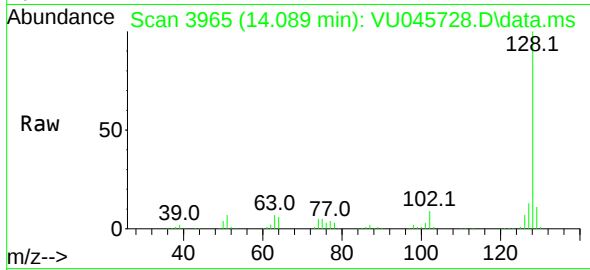
Tgt Ion:225 Resp: 48927
Ion Ratio Lower Upper
225 100
223 62.2 32.0 96.2
227 63.6 31.1 93.5





#95
Naphthalene
Concen: 48.335 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22

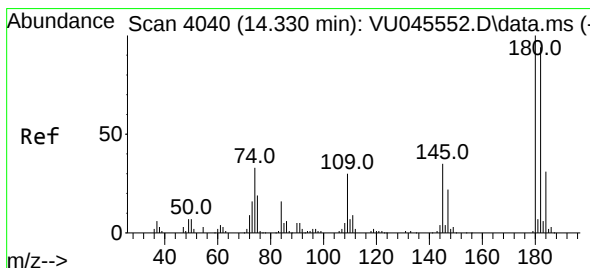
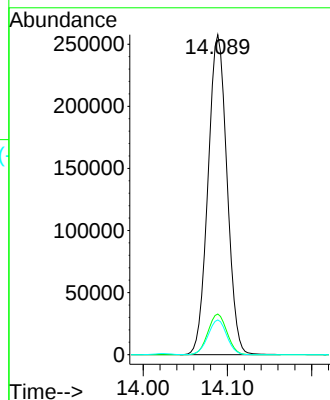
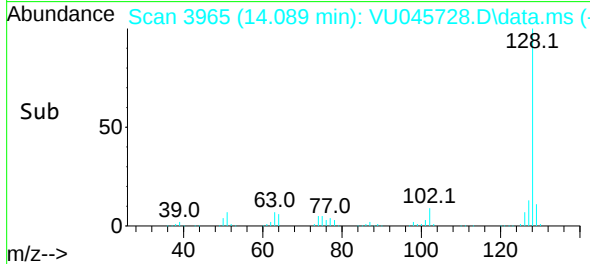
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



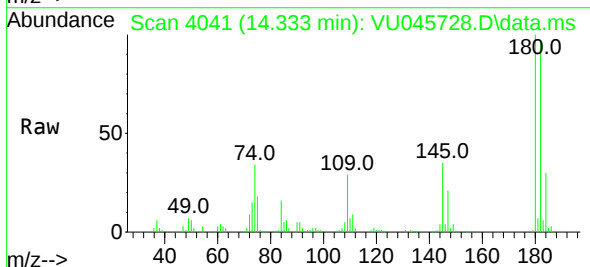
Tgt Ion:128 Resp: 403754
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 52.742 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045728.D
Acq: 11 Nov 2021 10:22



Tgt Ion:180 Resp: 116485
Ion Ratio Lower Upper
180 100
182 96.2 47.7 143.1
145 34.8 16.7 50.0

