

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045782.D
 Acq On : 12 Nov 2021 20:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 05:24:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	107065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	191476	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	187240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	98838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	83332	51.971	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.940%			
35) Dibromofluoromethane	5.292	113	64465	50.427	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	7.899	98	240631	50.620	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.240%			
62) 4-Bromofluorobenzene	10.632	95	93472	49.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	63927	46.052	ug/l	99
3) Chloromethane	1.520	50	68130	42.895	ug/l	100
4) Vinyl Chloride	1.604	62	74949	48.442	ug/l	100
5) Bromomethane	1.842	94	43931	50.906	ug/l	98
6) Chloroethane	1.925	64	45522	45.084	ug/l	99
7) Trichlorofluoromethane	2.134	101	100677	49.208	ug/l	99
8) Diethyl Ether	2.375	74	40446	49.941	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.578	101	59933	50.167	ug/l	98
10) Methyl Iodide	2.723	142	64510	41.263	ug/l	92
11) Tert butyl alcohol	3.179	59	91279	287.612	ug/l	99
12) 1,1-Dichloroethene	2.578	96	56414	47.894	ug/l	98
13) Acrolein	2.485	56	11758	255.660	ug/l	100
14) Allyl chloride	2.922	41	104816	49.836	ug/l	98
15) Acrylonitrile	3.314	53	236457	279.058	ug/l	98
16) Acetone	2.626	43	182942	224.133	ug/l	98
17) Carbon Disulfide	2.793	76	136094	41.249	ug/l	99
18) Methyl Acetate	2.948	43	152108	54.714	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	226257	53.363	ug/l	99
20) Methylene Chloride	3.047	84	70911	49.999	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	61402	50.107	ug/l	96
22) Diisopropyl ether	3.996	45	223907	54.218	ug/l	92
23) Vinyl Acetate	3.957	43	862792	271.641	ug/l	99
24) 1,1-Dichloroethane	3.871	63	130111	52.871	ug/l	98
25) 2-Butanone	4.700	43	302305	267.038	ug/l	99
26) 2,2-Dichloropropane	4.668	77	96487	47.315	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	74246	51.585	ug/l	97
28) Bromochloromethane	4.977	49	62645	53.395	ug/l	99
29) Tetrahydrofuran	5.051	42	190196	274.665	ug/l	99
30) Chloroform	5.089	83	130273	53.525	ug/l	100
31) Cyclohexane	5.388	56	106003	45.309	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	110538	53.258	ug/l	98
36) 1,1-Dichloropropene	5.526	75	89947	48.176	ug/l	99
37) Ethyl Acetate	4.803	43	111433	51.958	ug/l	99
38) Carbon Tetrachloride	5.526	117	93696	49.778	ug/l	99
39) Methylcyclohexane	6.764	83	104534	45.638	ug/l	97
40) Benzene	5.777	78	270819	48.994	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	61214	54.010	ug/l	97
42) 1,2-Dichloroethane	5.797	62	104593	52.385	ug/l	100
43) Isopropyl Acetate	5.912	43	170926	52.105	ug/l	99
44) Trichloroethene	6.546	130	66334	50.134	ug/l	100
45) 1,2-Dichloropropane	6.793	63	76588	52.364	ug/l	98
46) Dibromomethane	6.919	93	52773	52.074	ug/l	100
47) Bromodichloromethane	7.108	83	104113	54.144	ug/l	98
48) Methyl methacrylate	6.960	41	80733	53.471	ug/l	97
49) 1,4-Dioxane	6.964	88	41580	1070.862	ug/l #	93
51) 4-Methyl-2-Pentanone	7.793	43	592271	273.701	ug/l	100
52) Toluene	7.970	92	173092	51.148	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	111713	50.550	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	120943	51.525	ug/l	94
55) 1,1,2-Trichloroethane	8.404	97	74375	53.028	ug/l	99
56) Ethyl methacrylate	8.337	69	118321	47.177	ug/l	96
57) 1,3-Dichloropropane	8.578	76	130411	51.624	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	295338	228.725	ug/l	99
59) 2-Hexanone	8.684	43	452123	240.418	ug/l	99
60) Dibromochloromethane	8.812	129	79070	54.140	ug/l	99
61) 1,2-Dibromoethane	8.925	107	78012	51.860	ug/l	99
64) Tetrachloroethene	8.555	164	57211	53.236	ug/l	98
65) Chlorobenzene	9.449	112	181536	49.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	68235	52.020	ug/l	99
67) Ethyl Benzene	9.571	91	331511	50.333	ug/l	99
68) m/p-Xylenes	9.697	106	254715	102.544	ug/l	98
69) o-Xylene	10.102	106	125697	52.050	ug/l	100
70) Styrene	10.115	104	218008	53.362	ug/l	98
71) Bromoform	10.291	173	57850	46.806	ug/l #	100
73) Isopropylbenzene	10.488	105	332401	51.471	ug/l	100
74) N-amyl acetate	10.320	43	149205	51.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	131366	51.342	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	129712m	43.276	ug/l	
77) Bromobenzene	10.783	156	79291	50.570	ug/l	95
78) n-propylbenzene	10.909	91	403890	50.250	ug/l	100
79) 2-Chlorotoluene	10.989	91	238036	50.127	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	286266	50.735	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	37273	41.292	ug/l	98
82) 4-Chlorotoluene	11.099	91	278712	50.046	ug/l	99
83) tert-Butylbenzene	11.423	119	275406	51.204	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	288867	51.512	ug/l	100
85) sec-Butylbenzene	11.645	105	360315	50.511	ug/l	100
86) p-Isopropyltoluene	11.796	119	298535	50.082	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	151506	47.890	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	153553	47.991	ug/l	100
89) n-Butylbenzene	12.211	91	276170	48.095	ug/l	100
90) Hexachloroethane	12.478	117	49716	46.233	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	154257	50.117	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	29983	49.663	ug/l	93
93) 1,2,4-Trichlorobenzene	13.841	180	99645	46.822	ug/l	98
94) Hexachlorobutadiene	14.024	225	41736	45.432	ug/l	97
95) Naphthalene	14.089	128	376848	47.162	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	103798	49.104	ug/l	99

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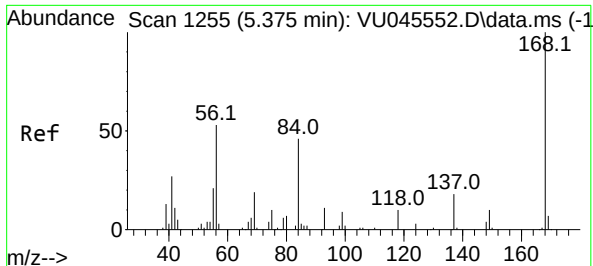
Manual Integrations
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Response via : Initial Calibration

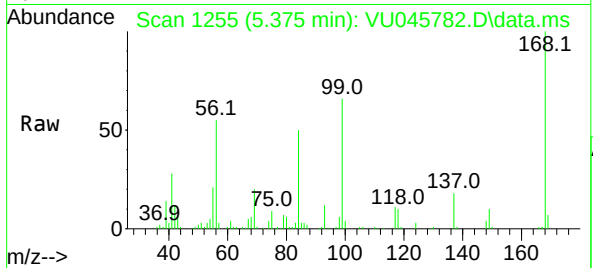
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045782.D
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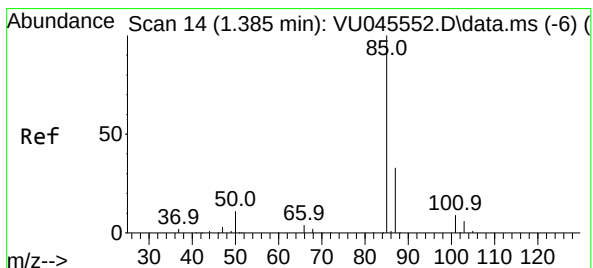
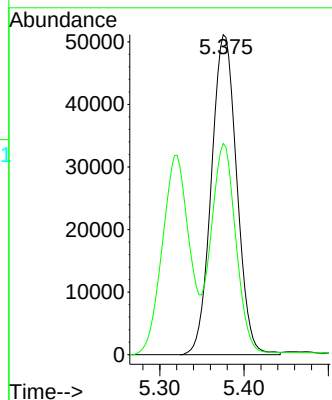
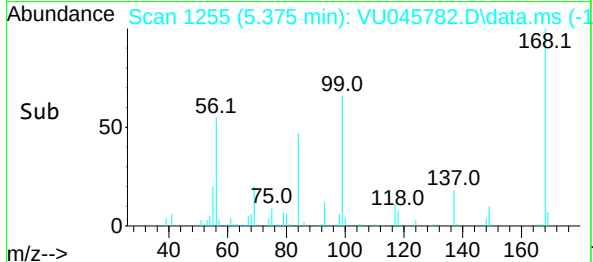
Instrument :
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Tgt Ion:168 Resp: 10706
Ion Ratio Lower Upper
168 100
99 65.4 51.0 76.6

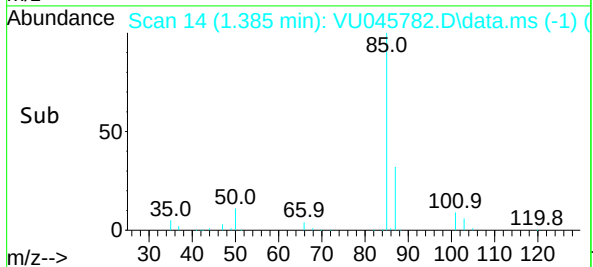
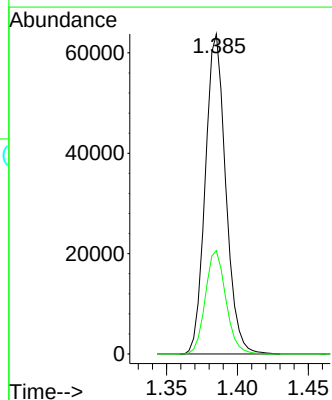
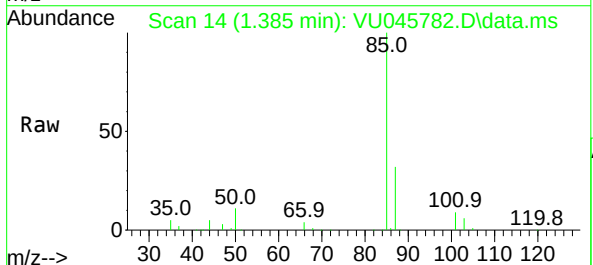
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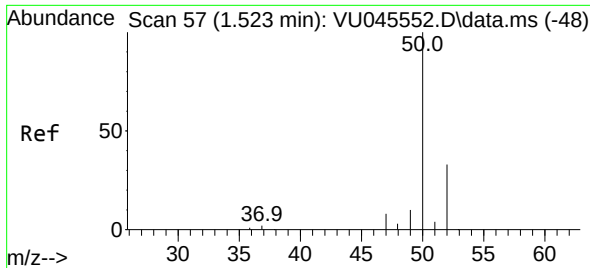
Reviewed By :John Carlone 11/15/2021
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#2
Dichlorodifluoromethane
Concen: 46.052 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

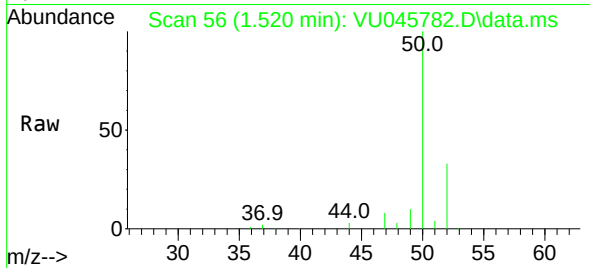
Tgt Ion: 85 Resp: 63927
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.7





#3
Chloromethane
Concen: 42.895 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

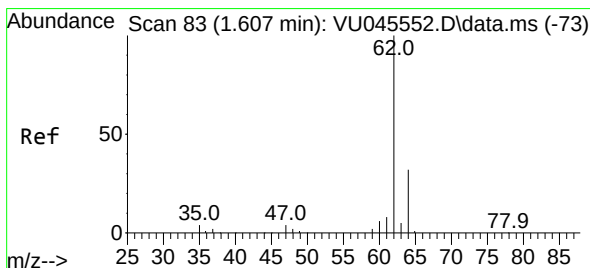
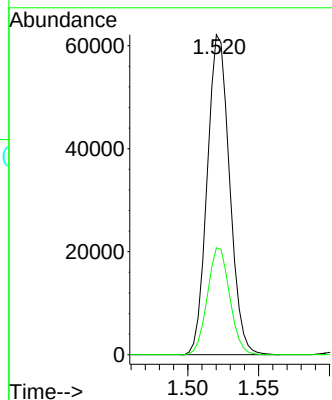
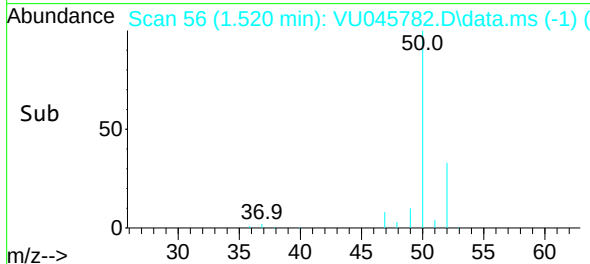
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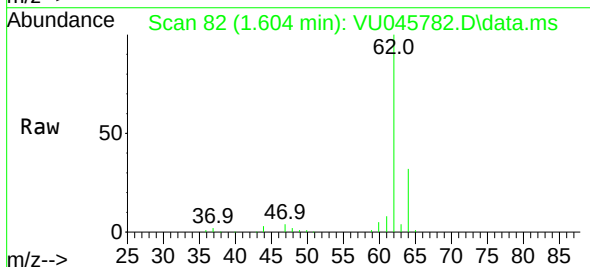
Tgt Ion: 50 Resp: 68130
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

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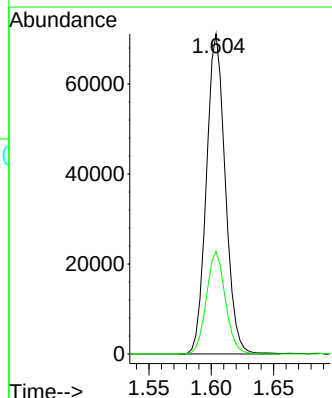
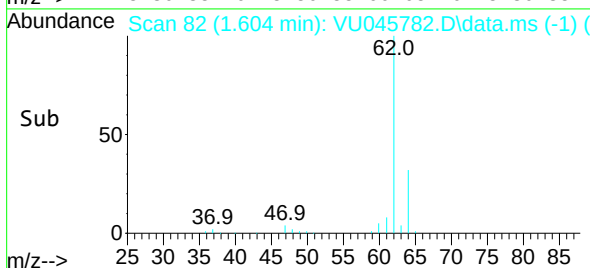
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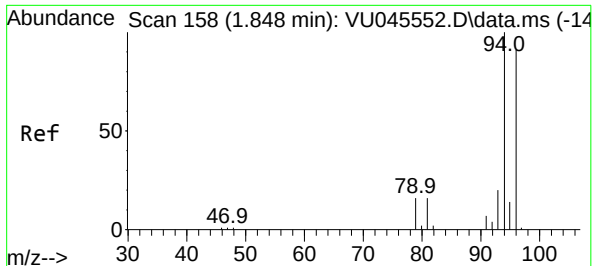


#4
Vinyl Chloride
Concen: 48.442 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12



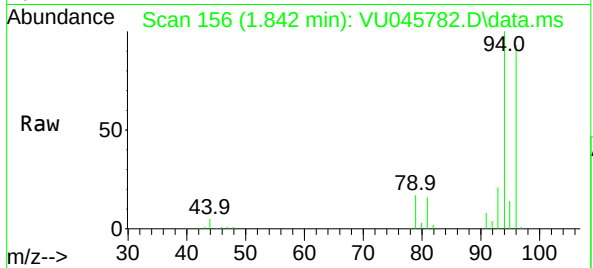
Tgt Ion: 62 Resp: 74949
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 50.906 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

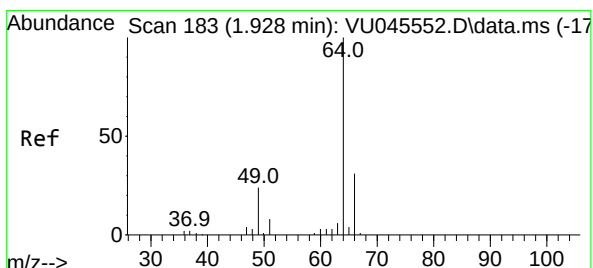
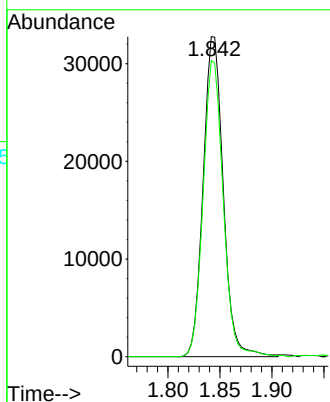
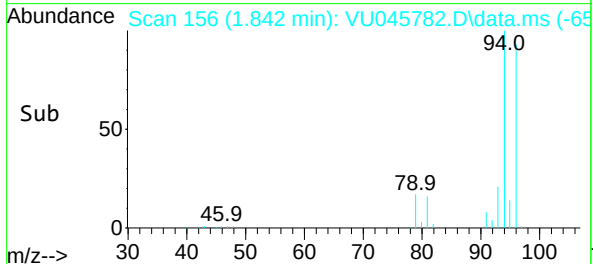
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Tgt Ion: 94 Resp: 4393
Ion Ratio Lower Upper
94 100
96 92.5 75.4 113.2

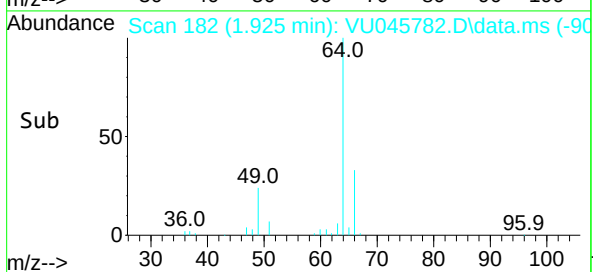
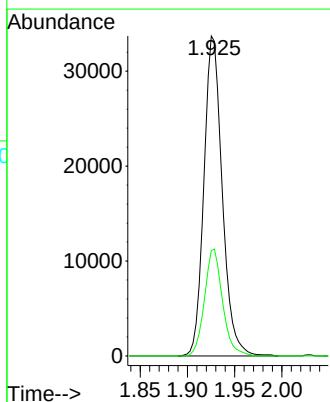
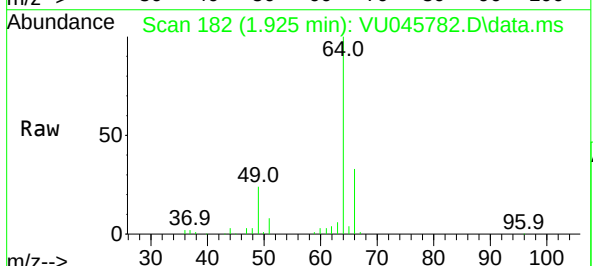
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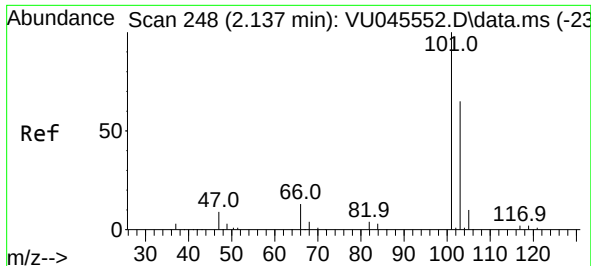
Reviewed By :John Carlone 11/15/2021
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#6
Chloroethane
Concen: 45.084 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion: 64 Resp: 45522
Ion Ratio Lower Upper
64 100
66 32.9 26.7 40.1





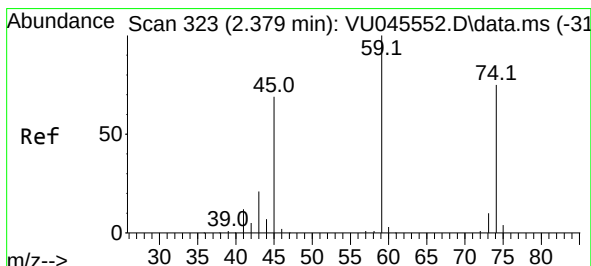
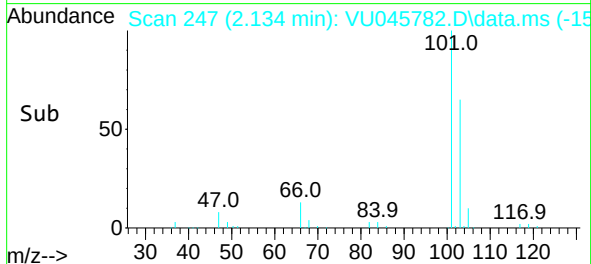
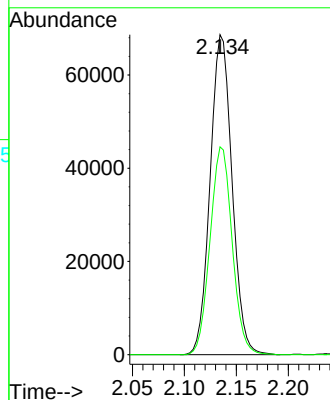
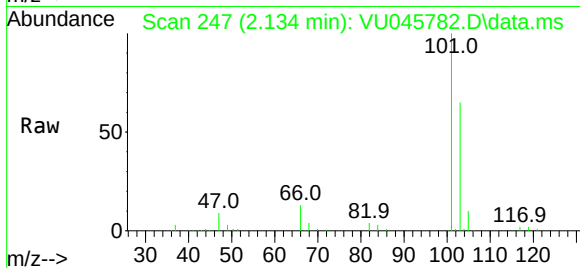
#7
Trichlorofluoromethane
Concen: 49.208 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Instrument :
MSVOA_U
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Tgt Ion:101 Resp: 10067
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

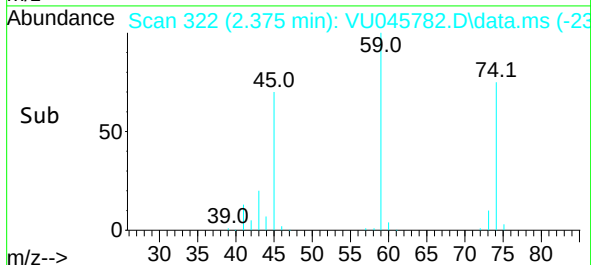
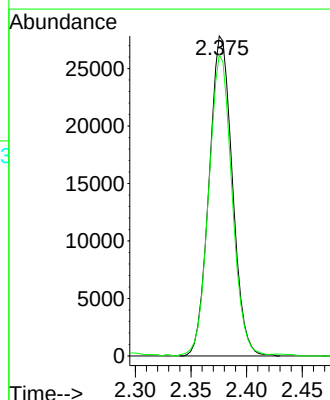
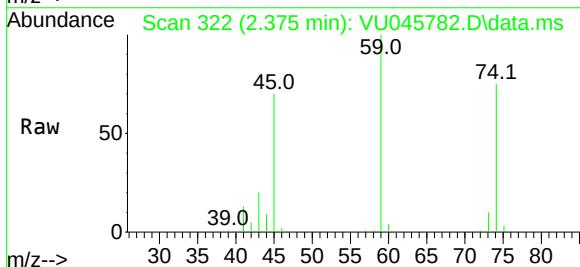
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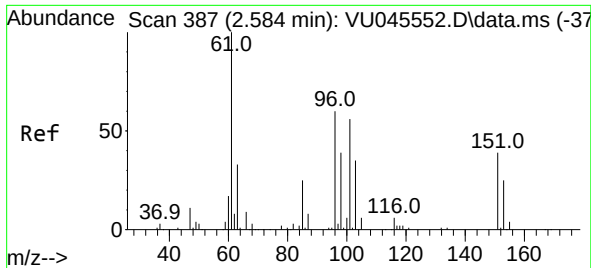
Reviewed By :John Carlone 11/15/2021
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#8
Diethyl Ether
Concen: 49.941 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.003 min
Lab File: VU045782.D
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Tgt Ion: 74 Resp: 40446
Ion Ratio Lower Upper
74 100
45 94.3 47.3 141.8





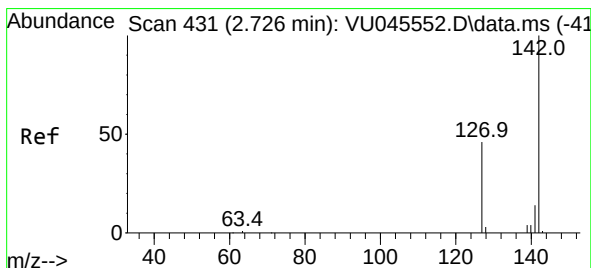
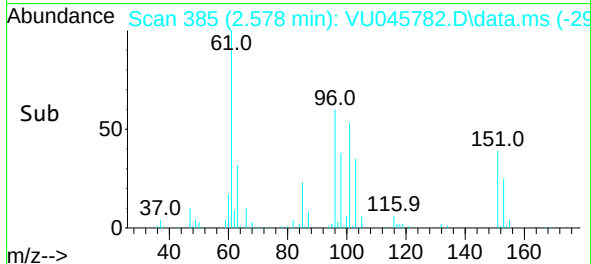
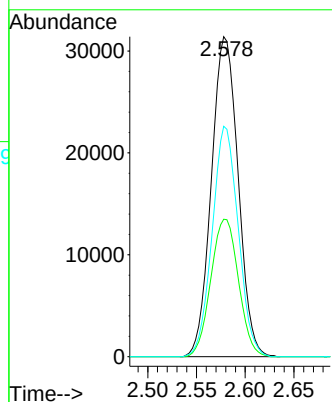
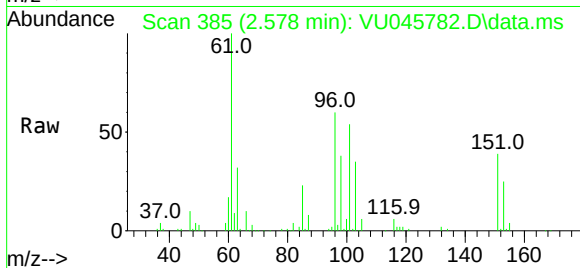
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.167 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

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Tgt Ion:101 Resp: 5993
Ion Ratio Lower Upper
101 100
85 44.4 35.0 52.4
151 70.2 54.6 82.0

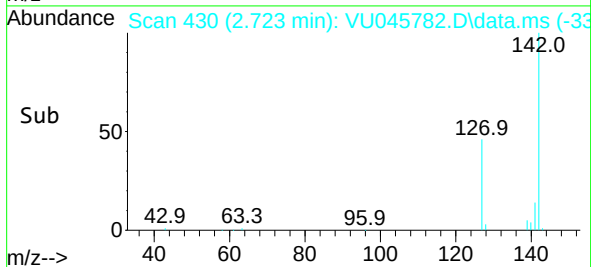
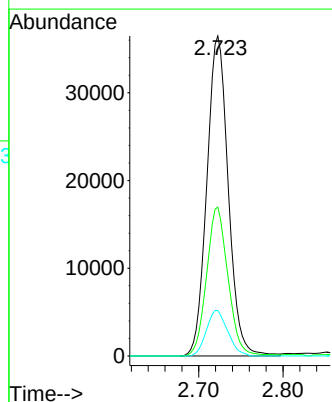
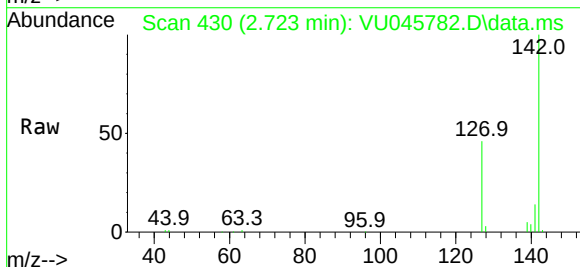
Manual Integrations
APPROVED

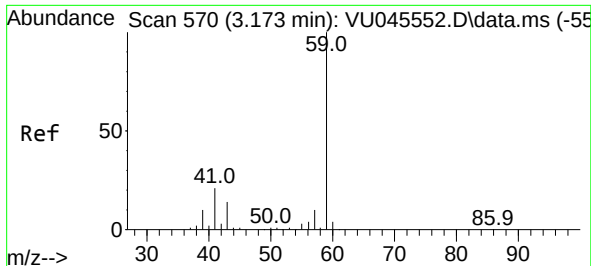
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 41.263 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion:142 Resp: 64510
Ion Ratio Lower Upper
142 100
127 46.6 32.2 48.2
141 14.1 11.3 16.9





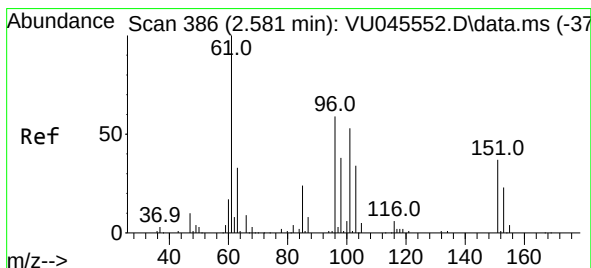
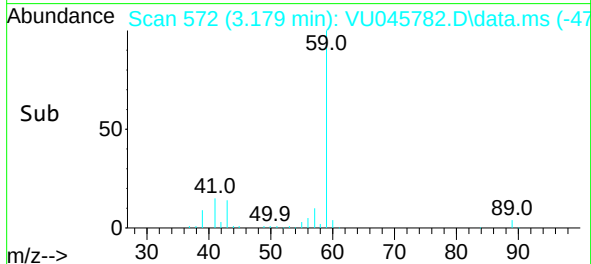
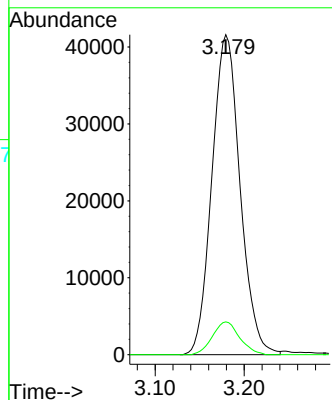
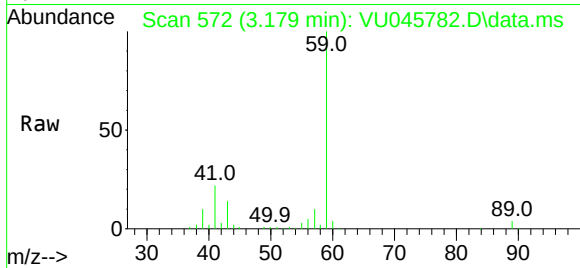
#11
Tert butyl alcohol
Concen: 287.612 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 91279
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

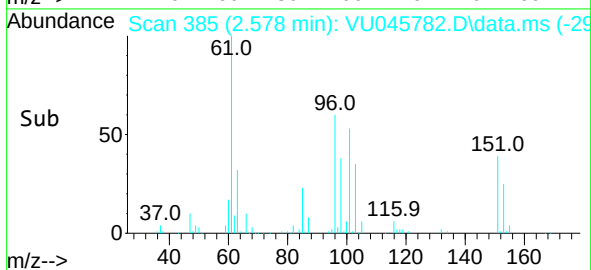
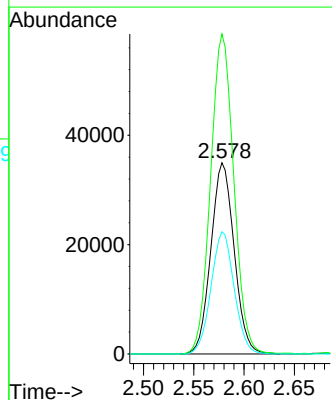
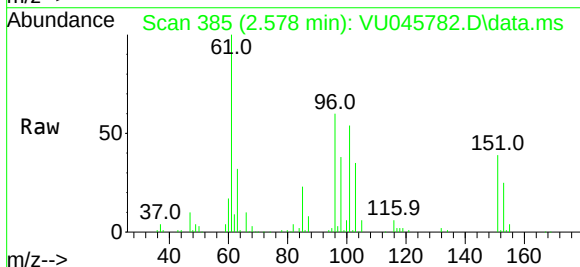
Manual Integrations
APPROVED

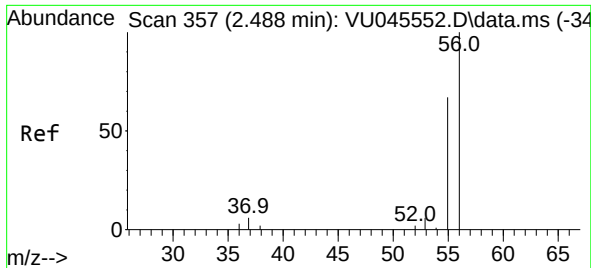
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 47.894 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

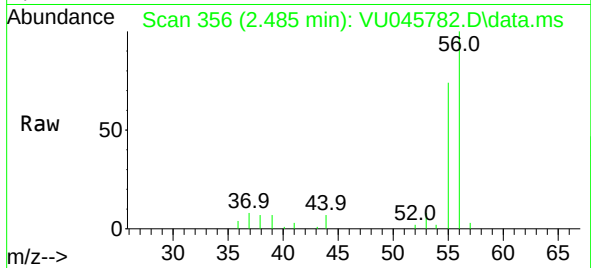
Tgt Ion: 96 Resp: 56414
Ion Ratio Lower Upper
96 100
61 167.4 137.1 205.7
98 63.9 51.5 77.3





#13
Acrolein
Concen: 255.660 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

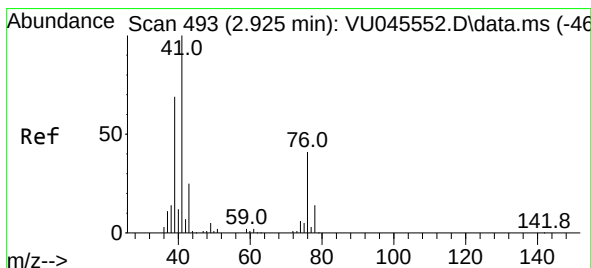
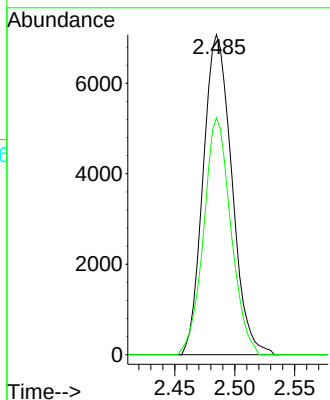
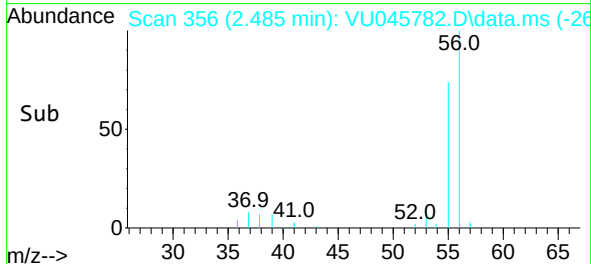
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



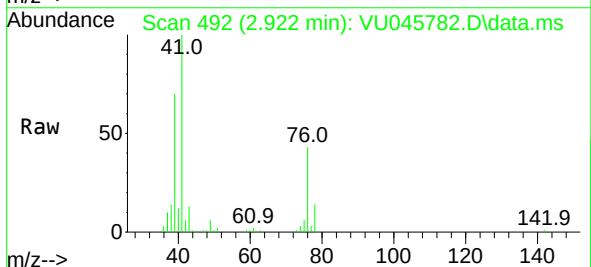
Tgt Ion: 56 Resp: 11758
Ion Ratio Lower Upper
56 100
55 70.3 56.3 84.5

Manual Integrations
APPROVED

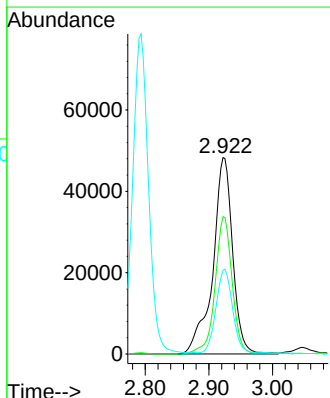
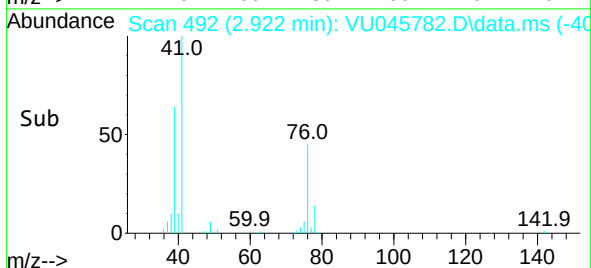
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

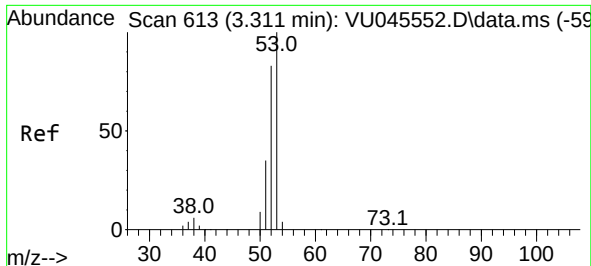


#14
Allyl chloride
Concen: 49.836 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12



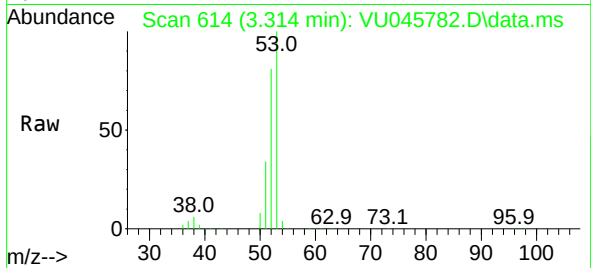
Tgt Ion: 41 Resp: 104816
Ion Ratio Lower Upper
41 100
39 60.0 49.7 74.5
76 35.1 27.7 41.5





#15
Acrylonitrile
Concen: 279.058 ug/l
RT: 3.314 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

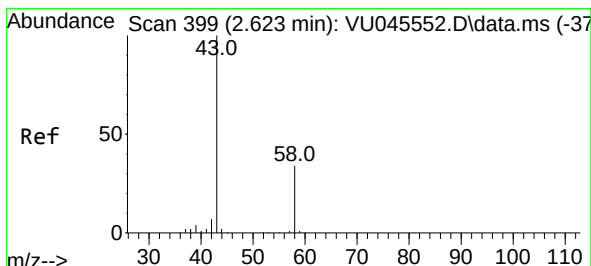
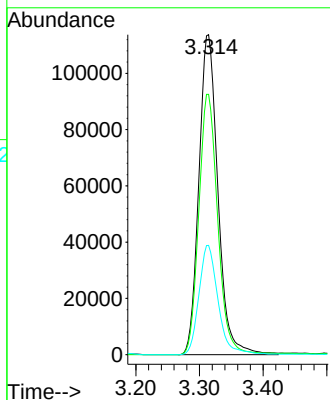
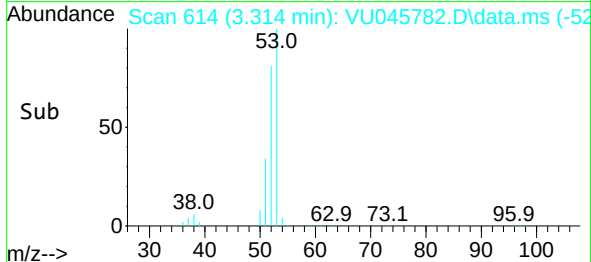
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 23645
Ion Ratio Lower Upper
53 100
52 81.0 66.6 100.0
51 34.5 28.4 42.6

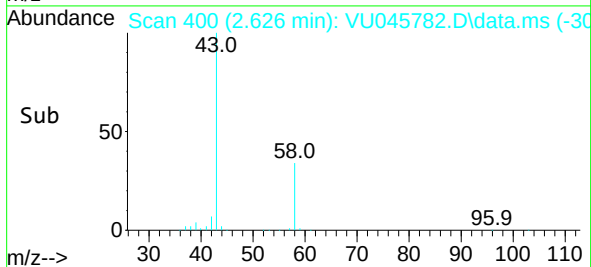
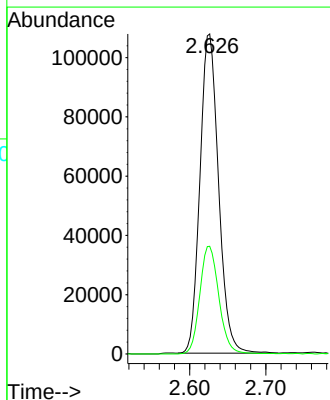
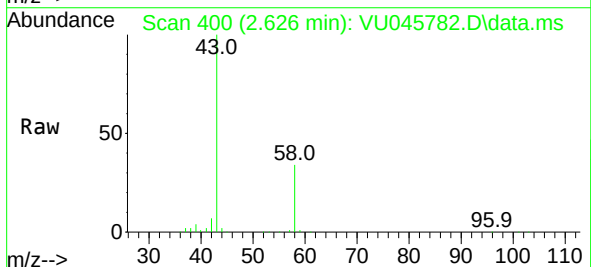
Manual Integrations
APPROVED

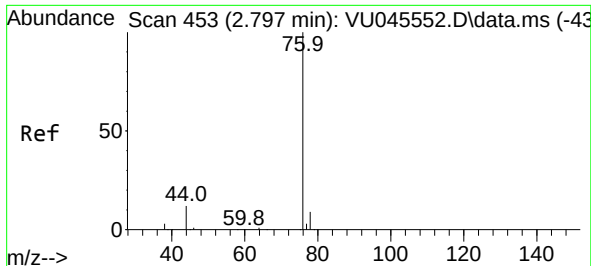
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 224.133 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion: 43 Resp: 182942
Ion Ratio Lower Upper
43 100
58 33.7 26.2 39.2





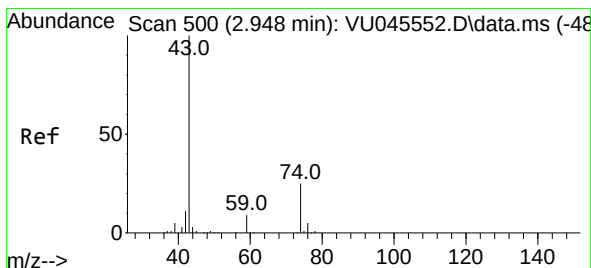
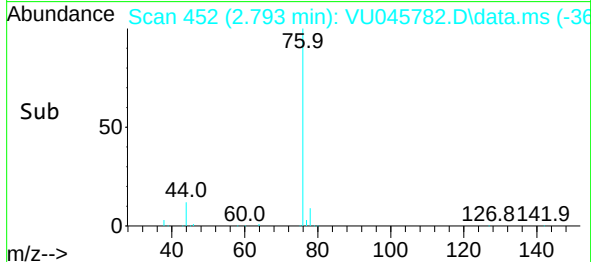
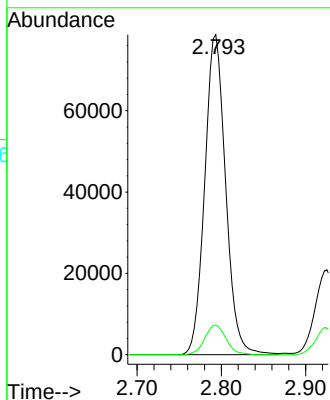
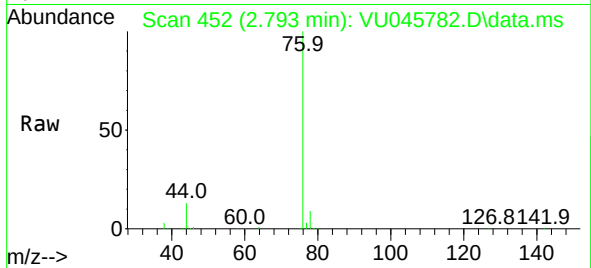
#17
Carbon Disulfide
Concen: 41.249 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 136094
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

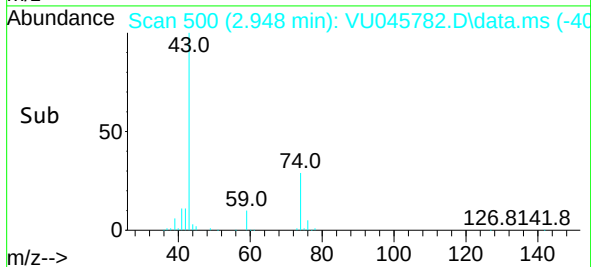
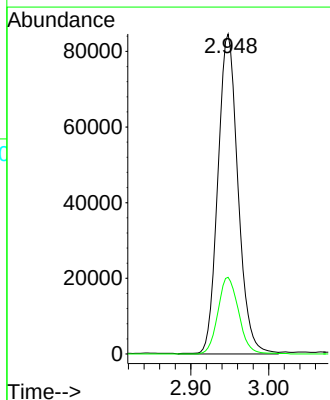
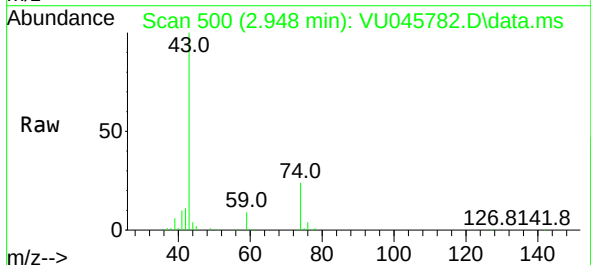
Manual Integrations
APPROVED

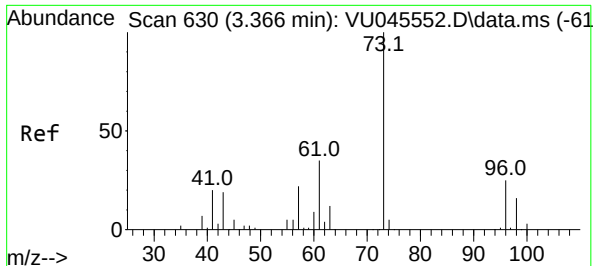
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 54.714 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

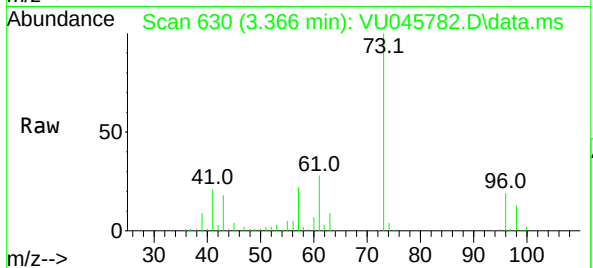
Tgt Ion: 43 Resp: 152108
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 53.363 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

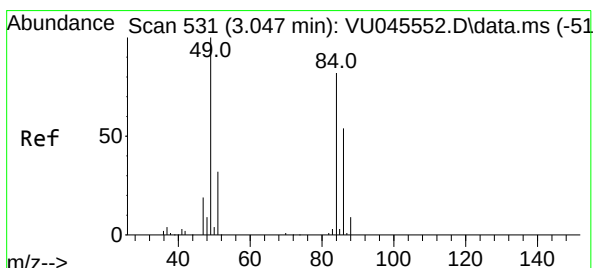
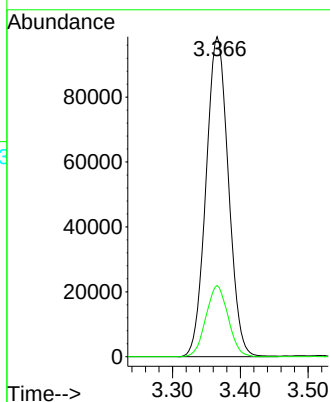
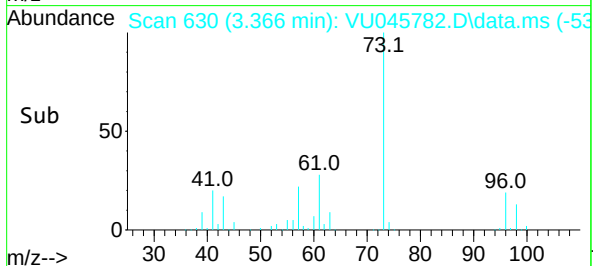
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 22625
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1

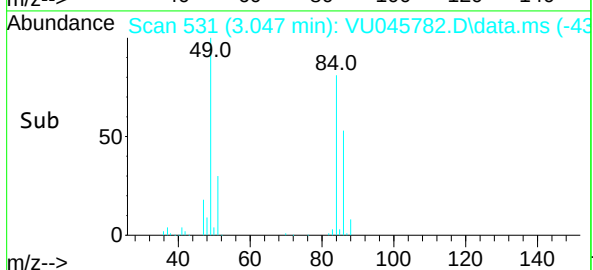
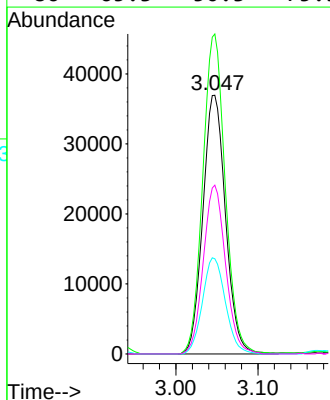
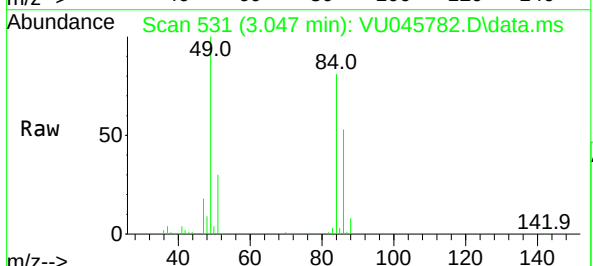
Manual Integrations
APPROVED

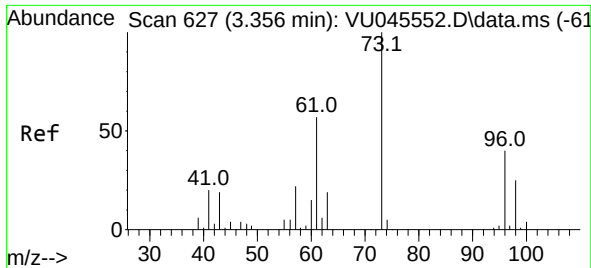
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#20
Methylene Chloride
Concen: 49.999 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

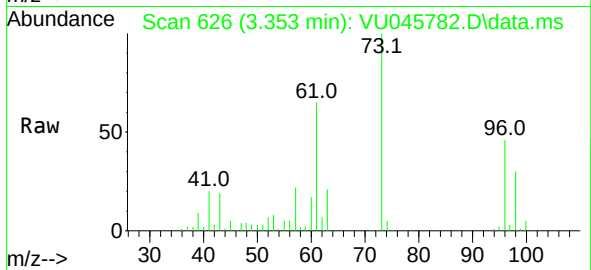
Tgt Ion: 84 Resp: 70911
Ion Ratio Lower Upper
84 100
49 123.7 96.4 144.6
51 36.8 30.5 45.7
86 65.3 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 50.107 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

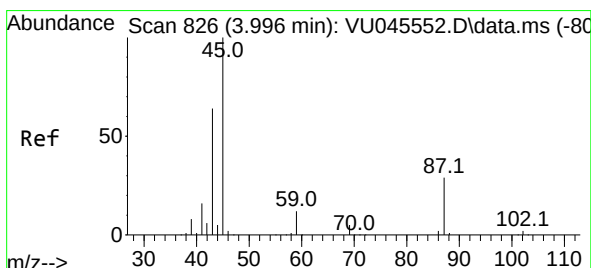
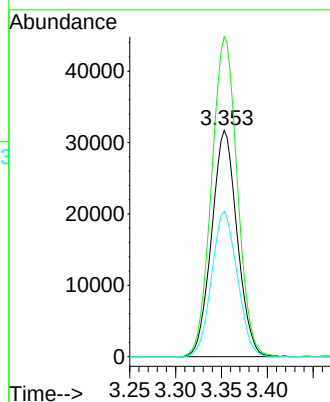
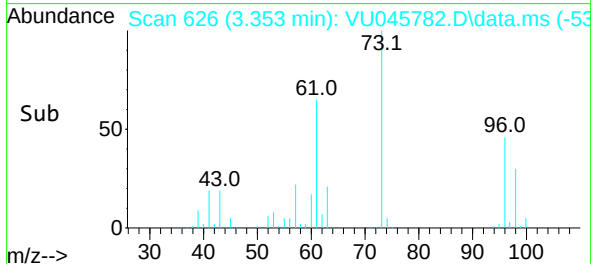
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



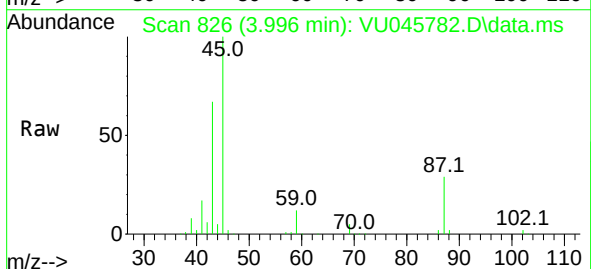
Tgt Ion: 96 Resp: 6140
Ion Ratio Lower Upper
96 100
61 141.4 118.2 177.4
98 64.2 52.1 78.1

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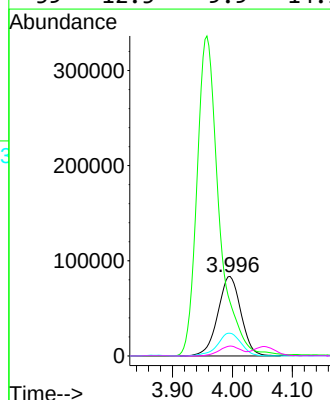
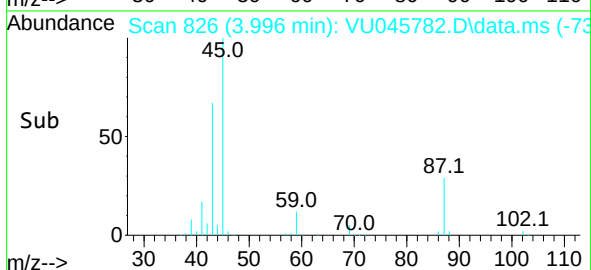
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

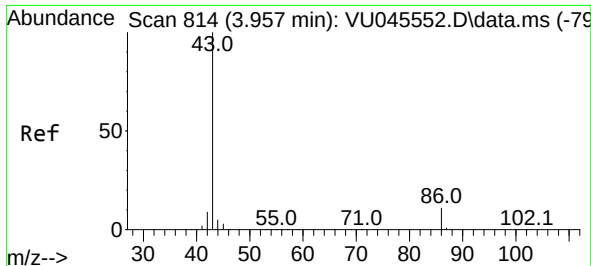


#22
Diisopropyl ether
Concen: 54.218 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12



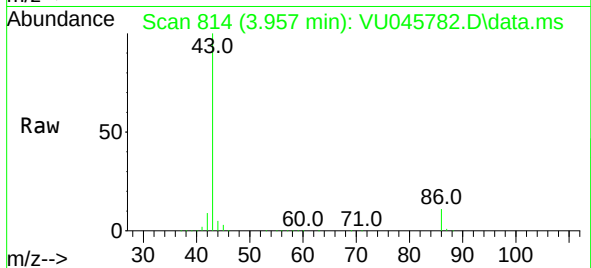
Tgt Ion: 45 Resp: 223907
Ion Ratio Lower Upper
45 100
43 65.2 60.0 90.0
87 28.6 22.3 33.5
59 12.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 271.641 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045782.D
 Acq: 12 Nov 2021 20:12

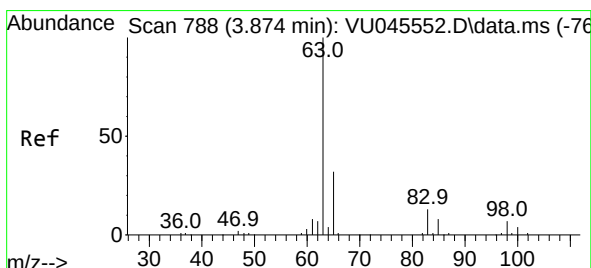
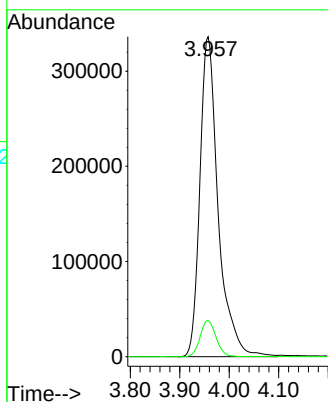
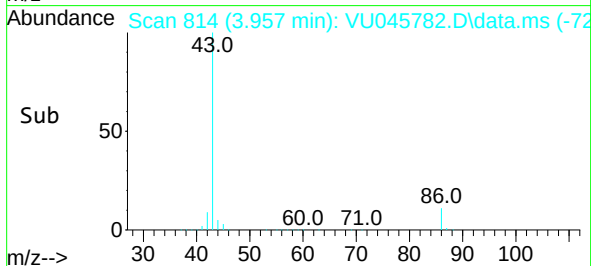
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



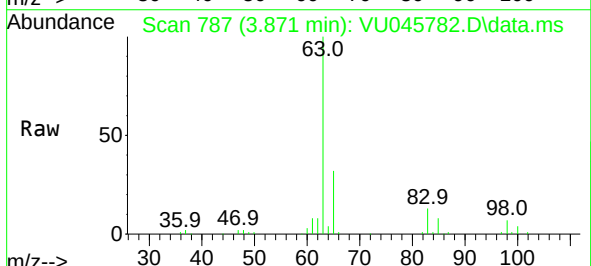
Tgt Ion: 43 Resp: 862792
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3

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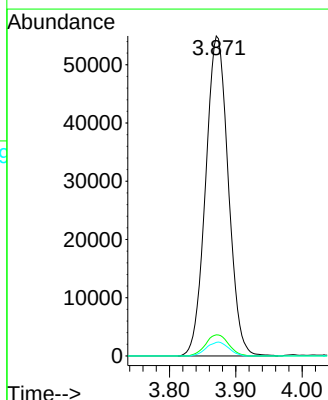
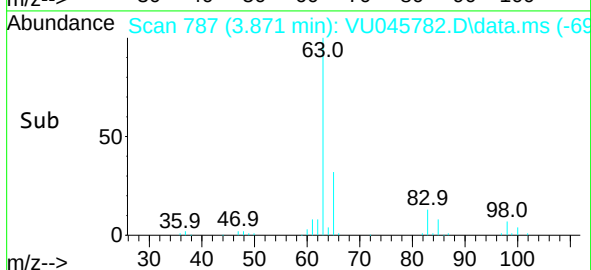
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

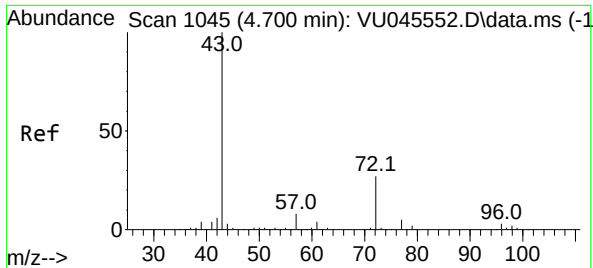


#24
 1,1-Dichloroethane
 Concen: 52.871 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045782.D
 Acq: 12 Nov 2021 20:12



Tgt Ion: 63 Resp: 130111
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 267.038 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 30230

Ion Ratio Lower Upper

43 100

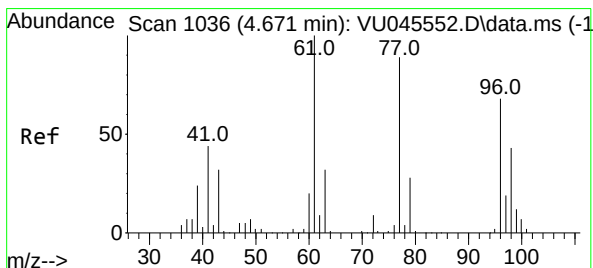
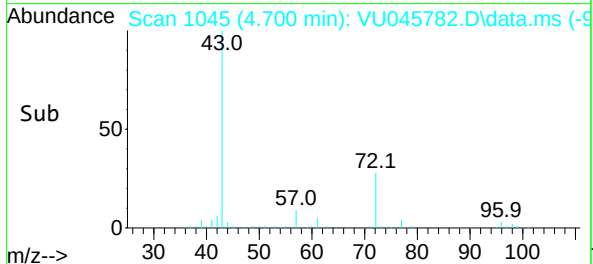
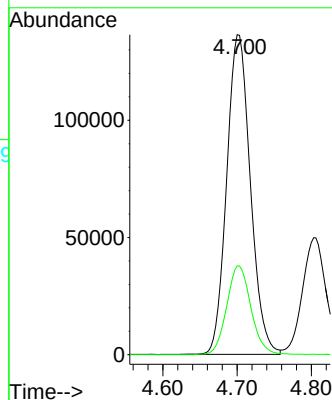
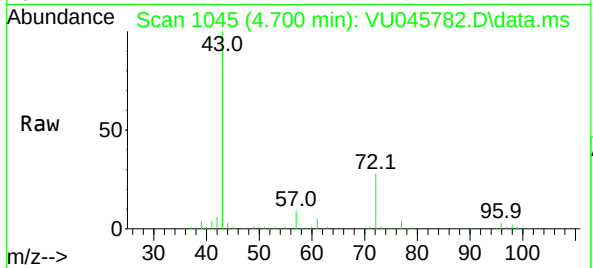
72 27.8 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 47.315 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045782.D

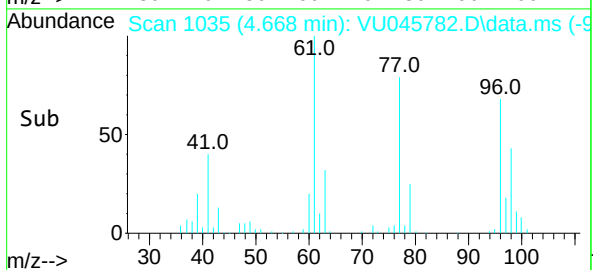
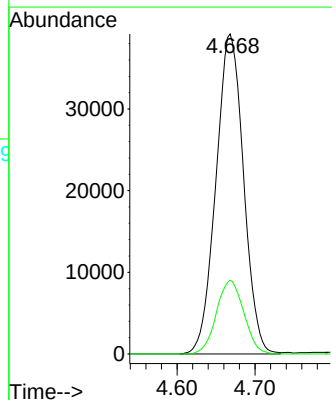
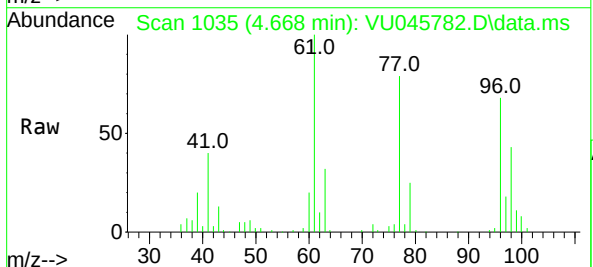
Acq: 12 Nov 2021 20:12

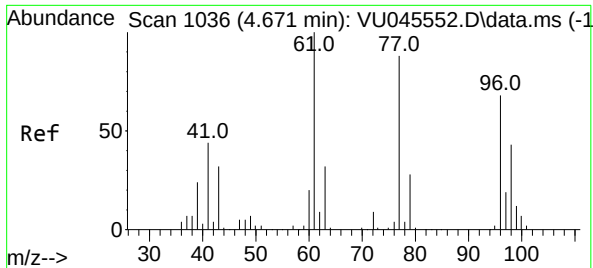
Tgt Ion: 77 Resp: 96487

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





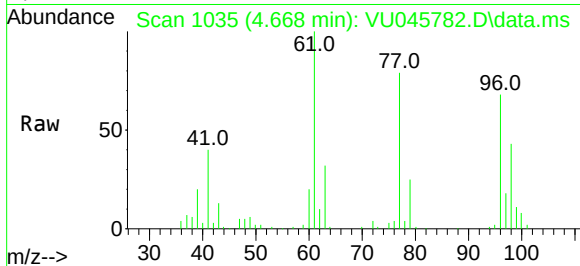
#27
 cis-1,2-Dichloroethene
 Concen: 51.585 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045782.D
 Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

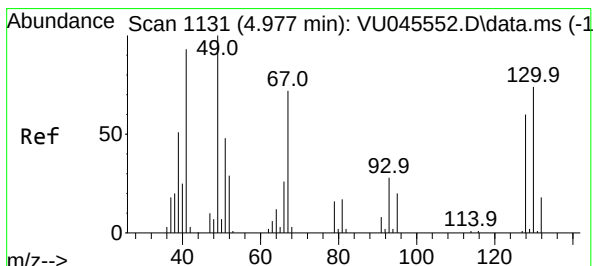
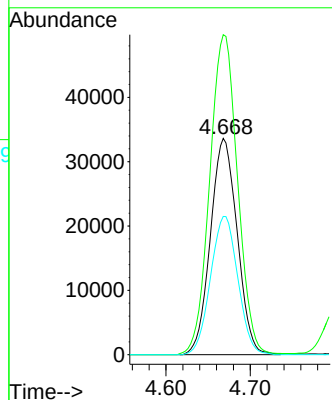
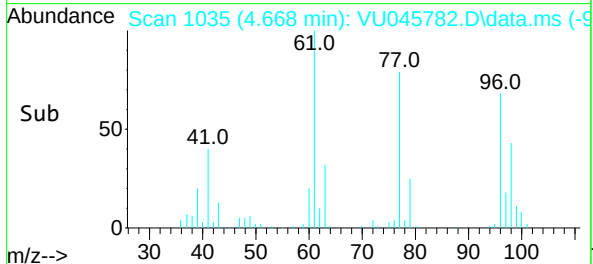


Tgt Ion: 96 Resp: 74240
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 299.2
 98 65.1 0.0 127.6

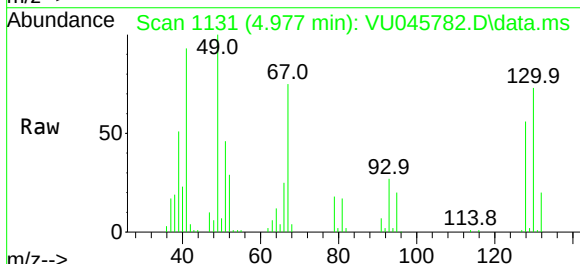
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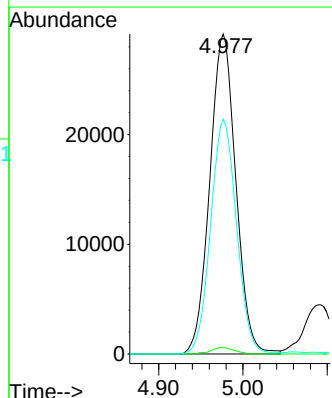
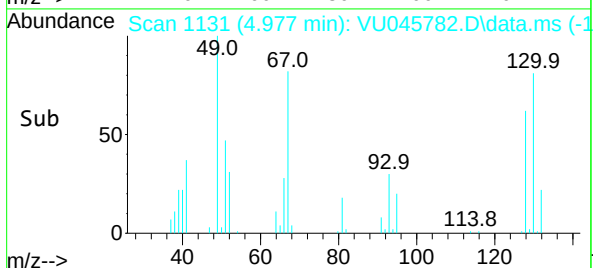
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

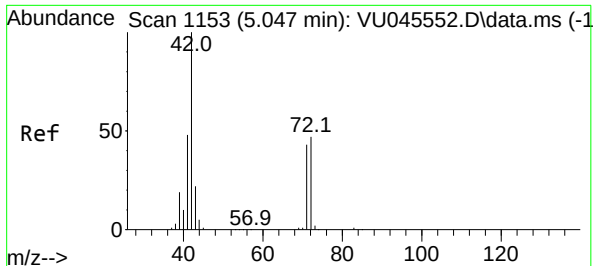


#28
 Bromochloromethane
 Concen: 53.395 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045782.D
 Acq: 12 Nov 2021 20:12



Tgt Ion: 49 Resp: 62645
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 73.0 57.5 86.3





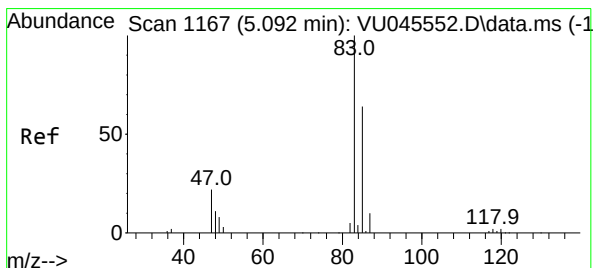
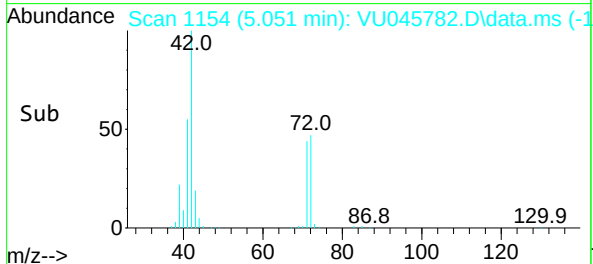
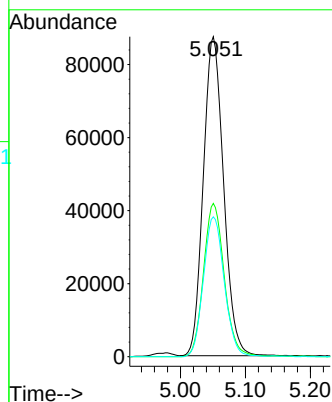
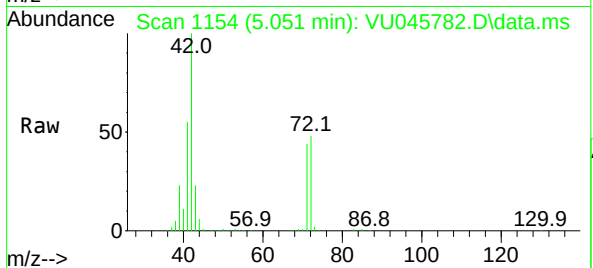
#29
Tetrahydrofuran
Concen: 274.665 ug/l
RT: 5.051 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 190190
Ion Ratio Lower Upper
42 100
72 49.0 38.2 57.4
71 45.0 35.4 53.2

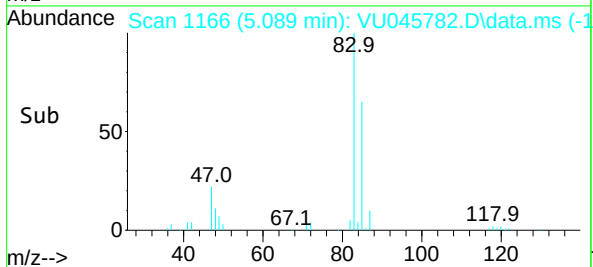
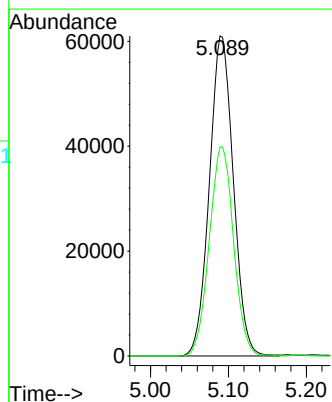
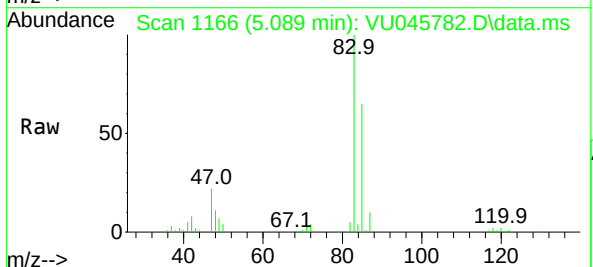
Manual Integrations
APPROVED

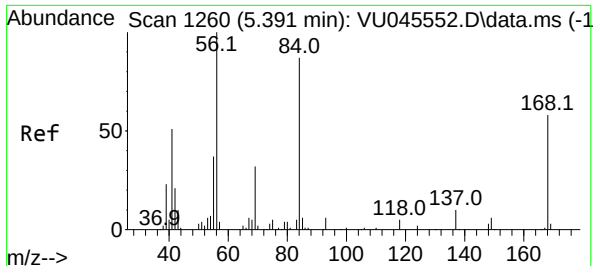
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#30
Chloroform
Concen: 53.525 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion: 83 Resp: 130273
Ion Ratio Lower Upper
83 100
85 65.4 52.0 78.0





#31

Cyclohexane

Concen: 45.309 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU045782.D

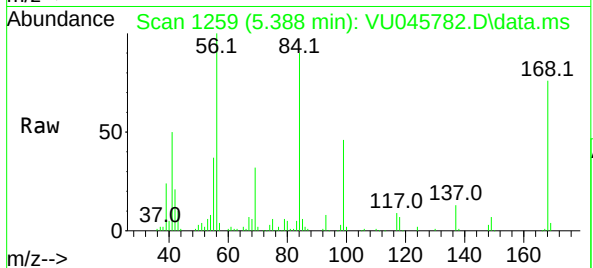
Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 106000

Ion Ratio Lower Upper

56 100

69 32.5 26.4 39.6

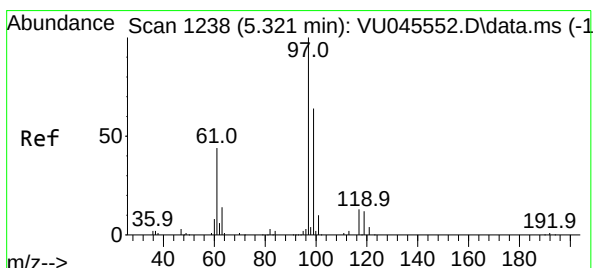
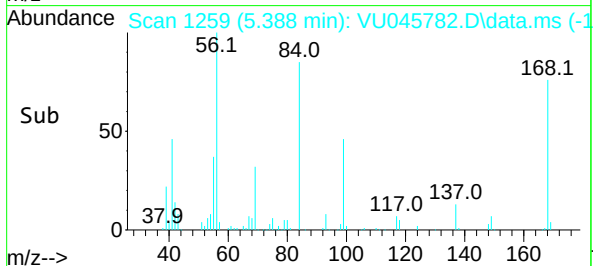
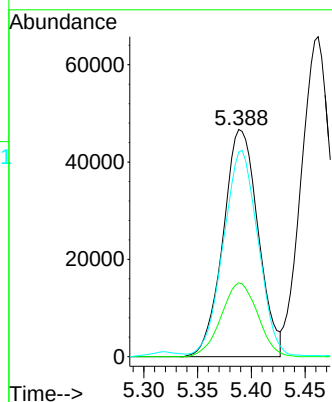
84 88.8 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#32

1,1,1-Trichloroethane

Concen: 53.258 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

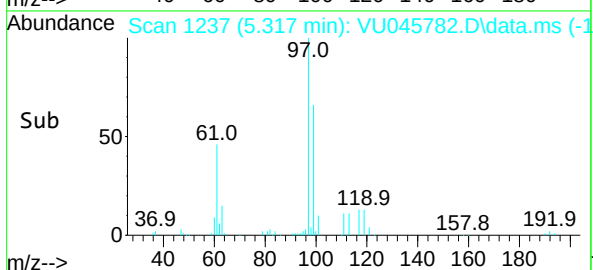
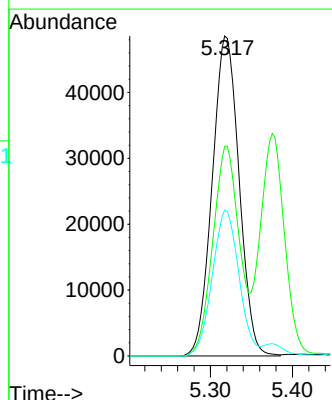
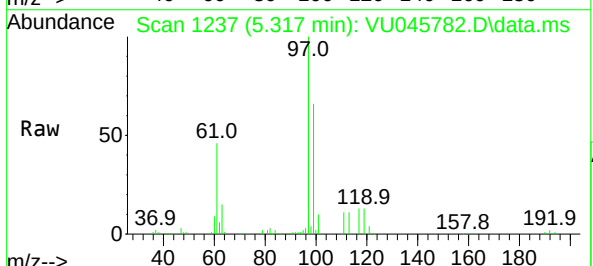
Tgt Ion: 97 Resp: 110538

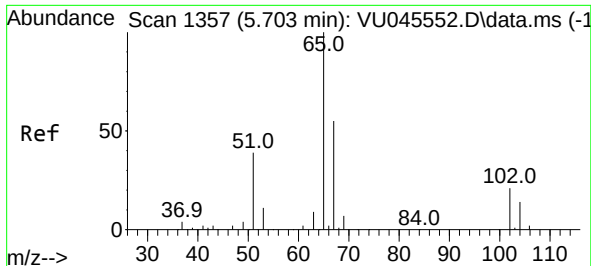
Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 45.4 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 51.971 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8333

Ion Ratio Lower Upper

65 100

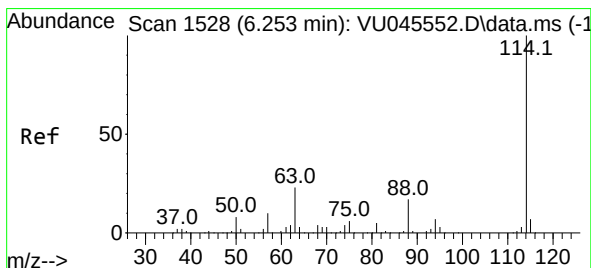
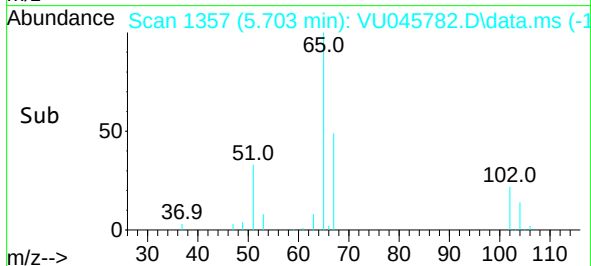
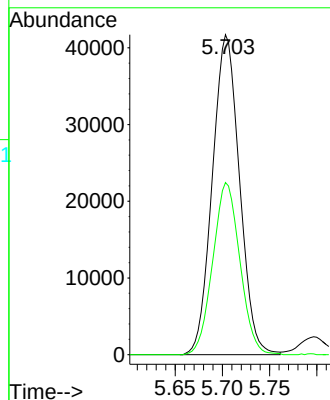
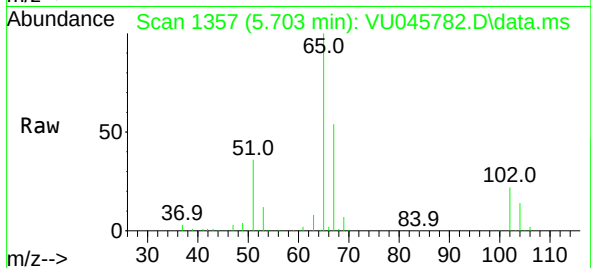
67 53.6 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

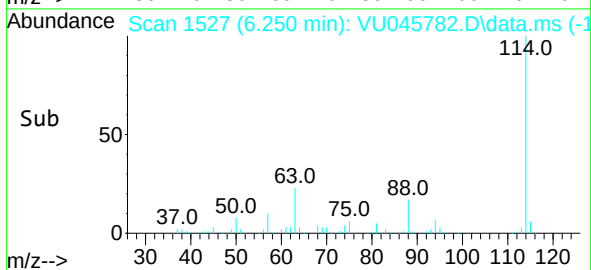
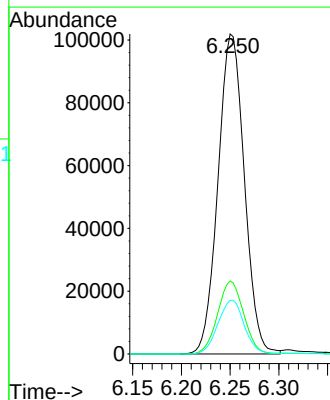
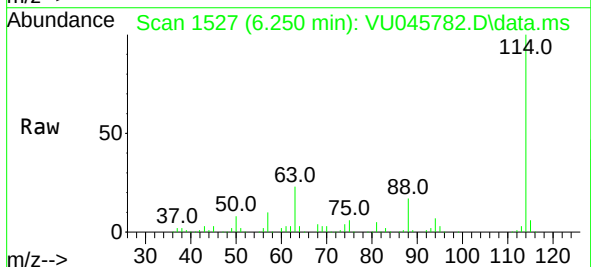
Tgt Ion:114 Resp: 191476

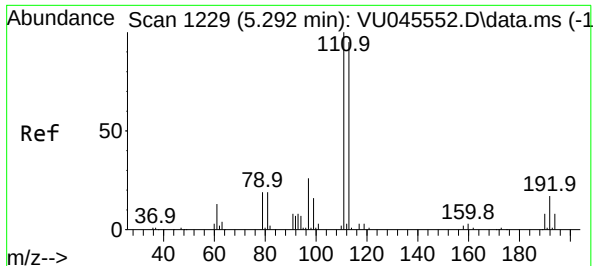
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

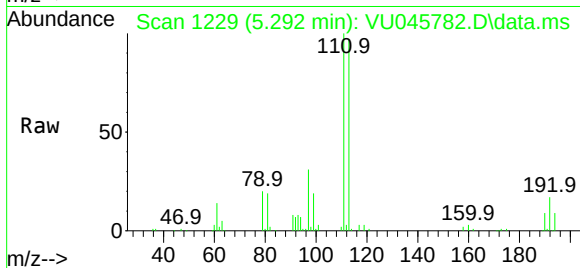
88 16.7 0.0 33.8





#35
Dibromofluoromethane
Concen: 50.427 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

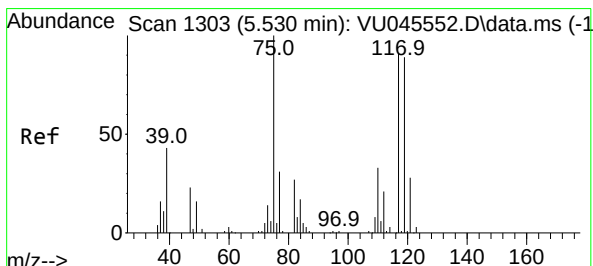
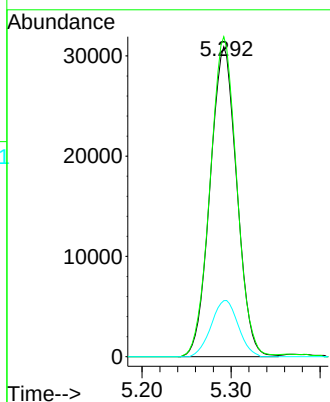
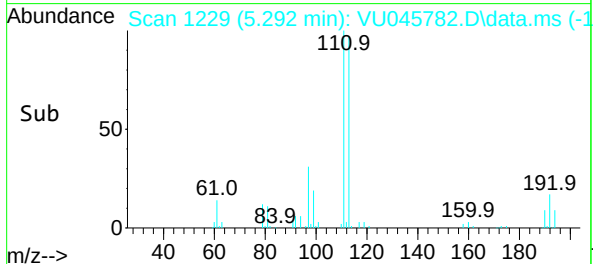
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 6446
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.3 14.8 22.2

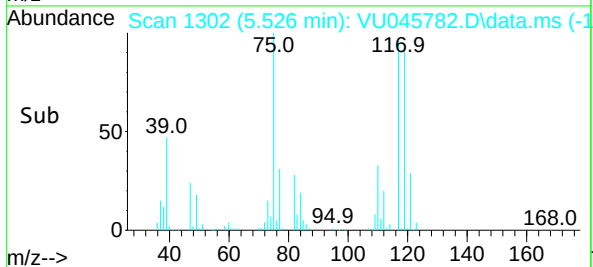
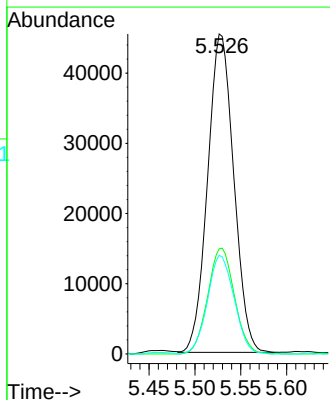
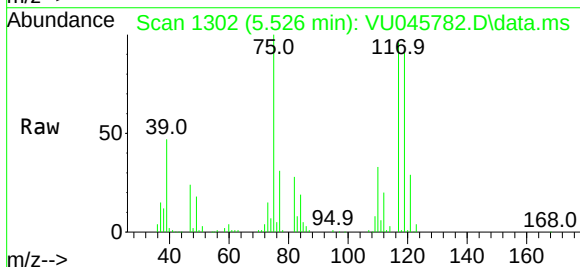
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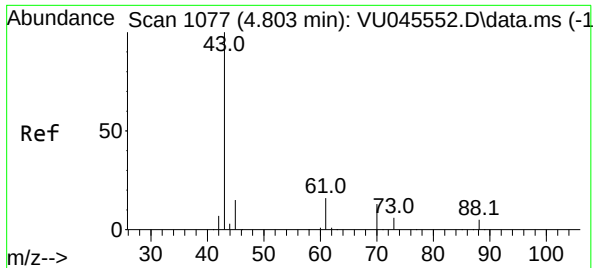
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#36
1,1-Dichloropropene
Concen: 48.176 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

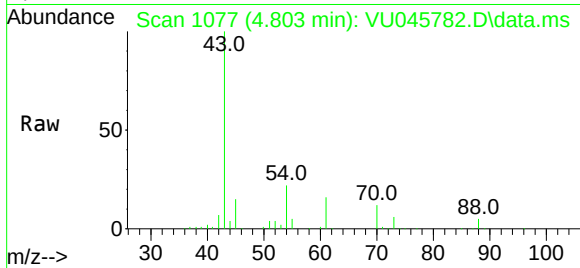
Tgt Ion: 75 Resp: 89947
Ion Ratio Lower Upper
75 100
110 33.9 16.7 50.0
77 31.5 25.0 37.4





#37
Ethyl Acetate
Concen: 51.958 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

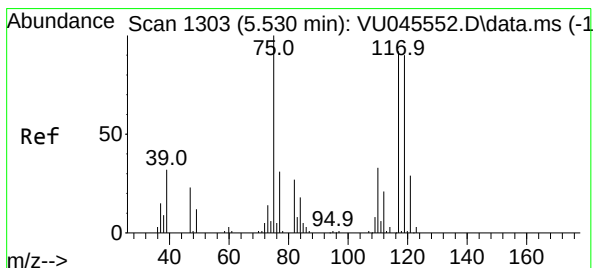
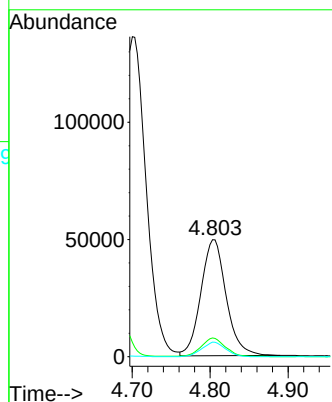
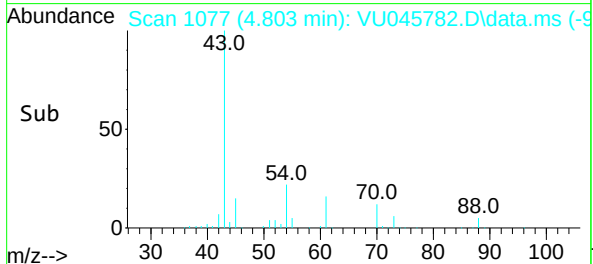
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 111433
Ion Ratio Lower Upper
43 100
61 14.8 11.6 17.4
70 11.7 9.1 13.7

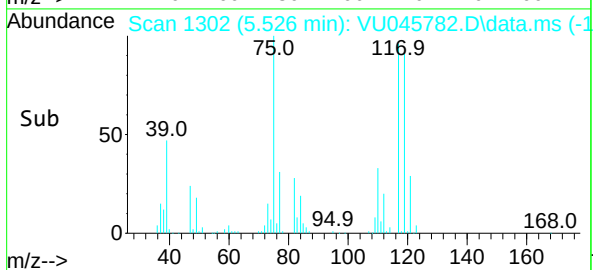
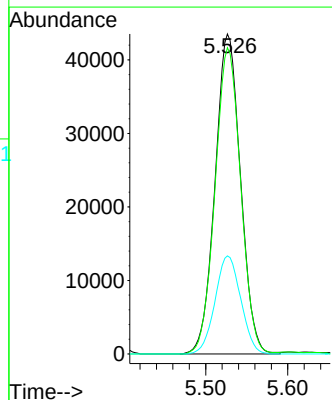
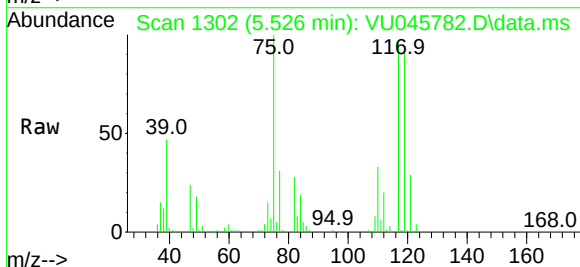
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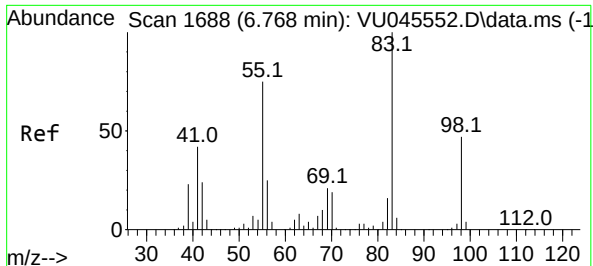
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Carbon Tetrachloride
Concen: 49.778 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion:117 Resp: 93696
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 45.638 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

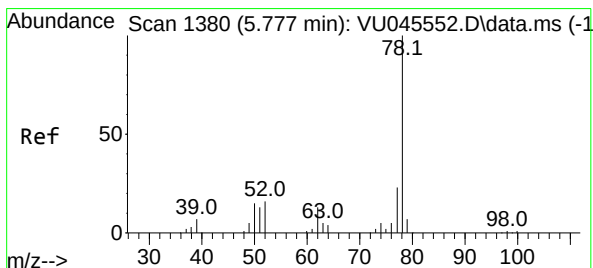
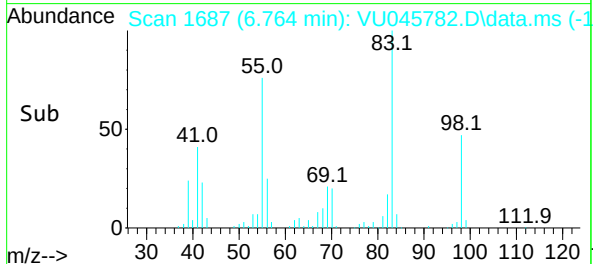
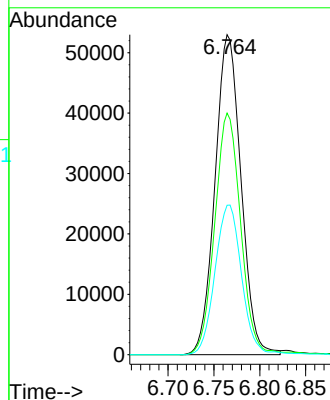
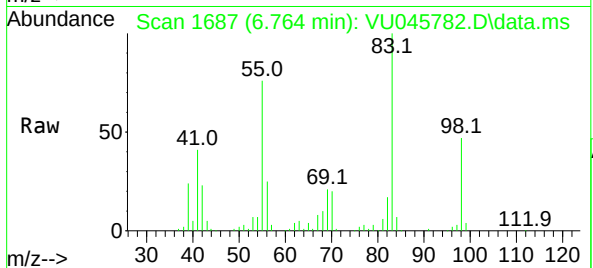
Tgt Ion: 83 Resp: 104534
 Ion Ratio Lower Upper
 83 100
 55 75.5 63.6 95.4
 98 46.7 37.1 55.7

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 48.994 ug/l

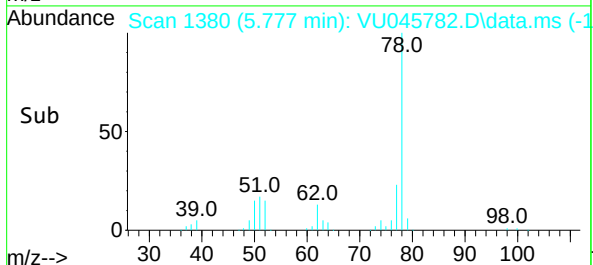
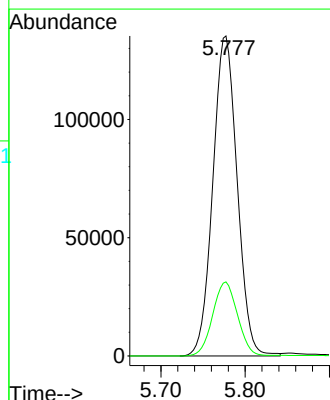
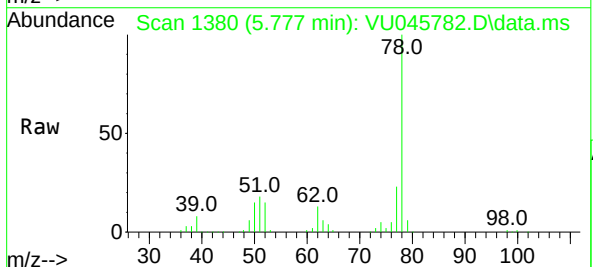
RT: 5.777 min Scan# 1380

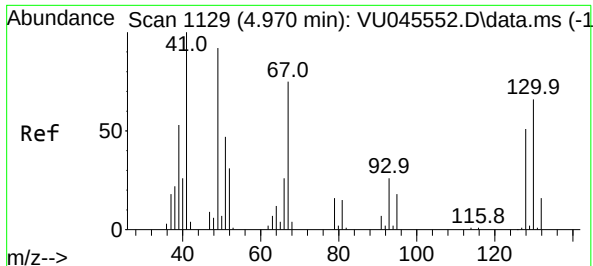
Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

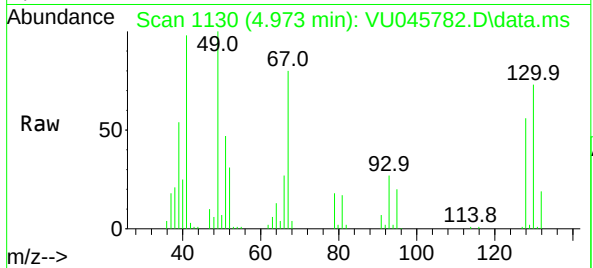
Tgt Ion: 78 Resp: 270819
 Ion Ratio Lower Upper
 78 100
 77 23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 54.010 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

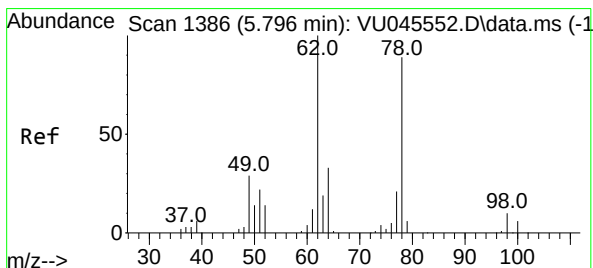
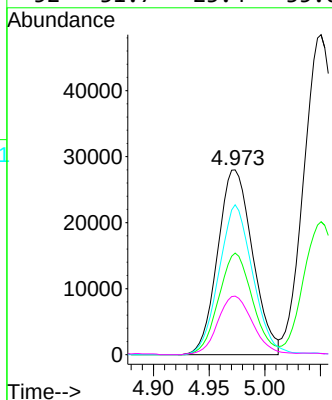
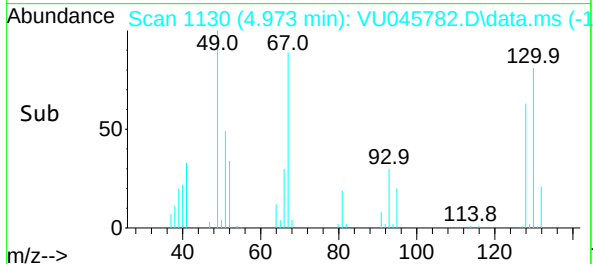
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



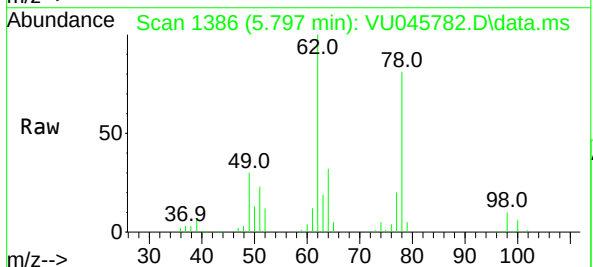
Tgt Ion: 41 Resp: 61214
Ion Ratio Lower Upper
41 100
39 53.2 43.4 65.0
67 78.6 61.0 91.4
52 31.7 23.4 35.0

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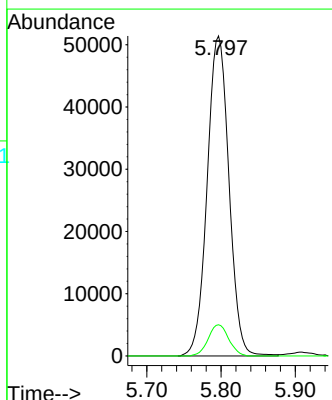
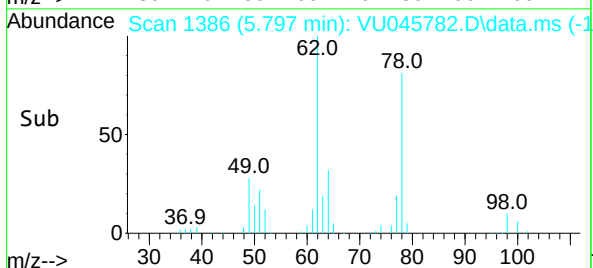
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

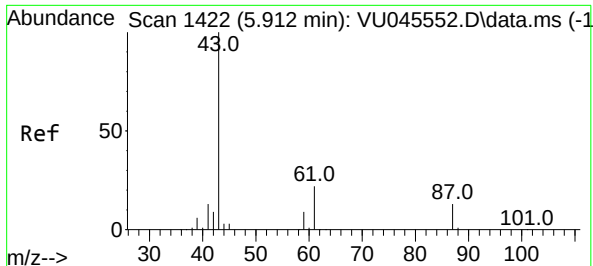


#42
1,2-Dichloroethane
Concen: 52.385 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12



Tgt Ion: 62 Resp: 104593
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 52.105 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 170920

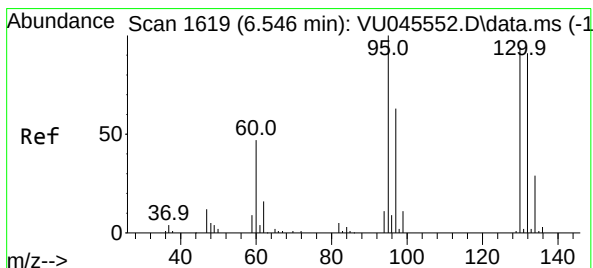
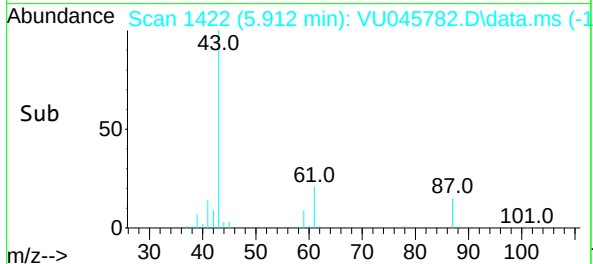
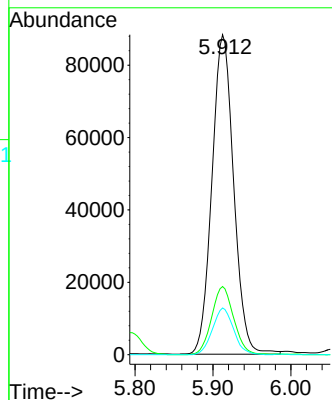
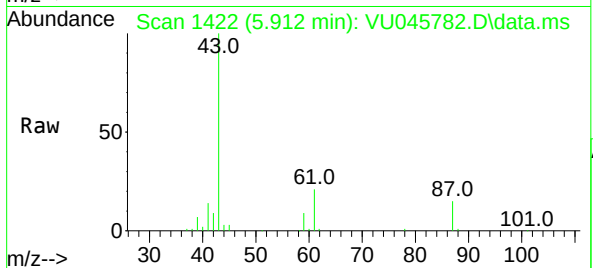
Ion	Ratio	Lower	Upper
43	100		
61	21.7	16.9	25.3
87	14.2	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#44

Trichloroethene

Concen: 50.134 ug/l

RT: 6.546 min Scan# 1619

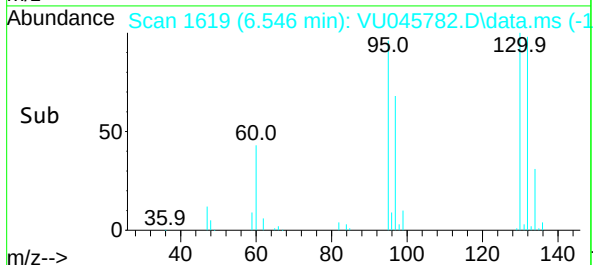
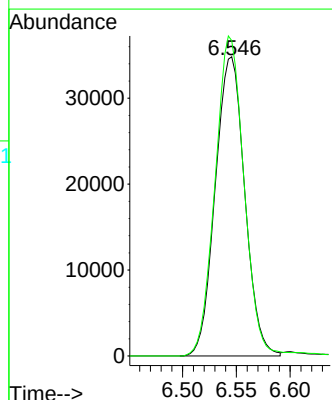
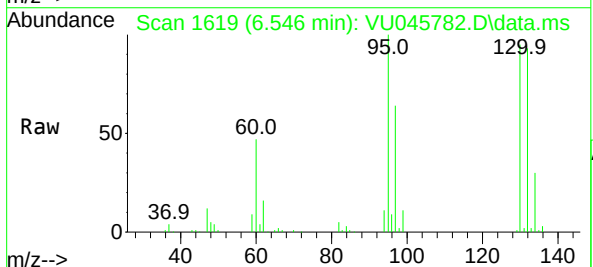
Delta R.T. 0.000 min

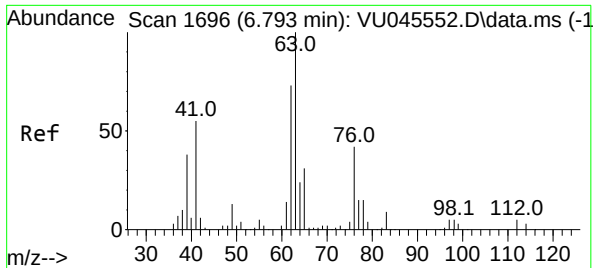
Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Tgt Ion:130 Resp: 66334

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	211.4





#45

1,2-Dichloropropane

Concen: 52.364 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7658

Ion Ratio Lower Upper

63 100

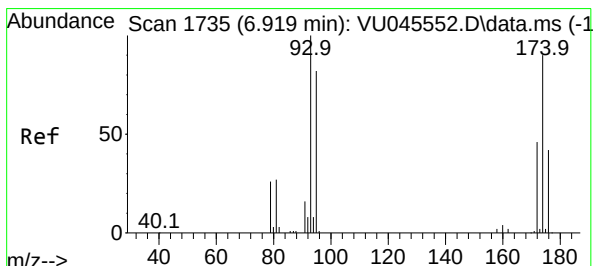
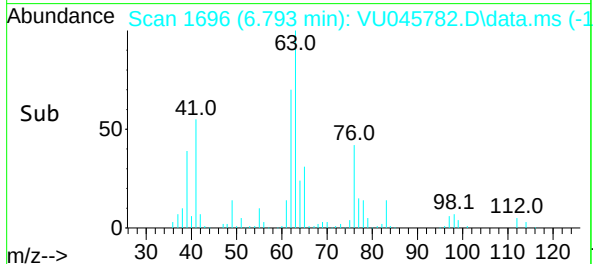
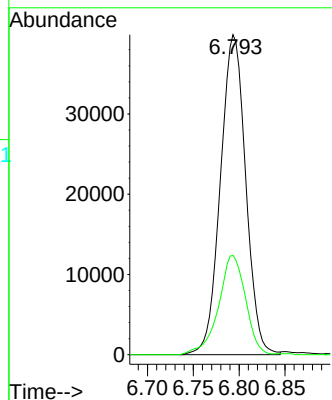
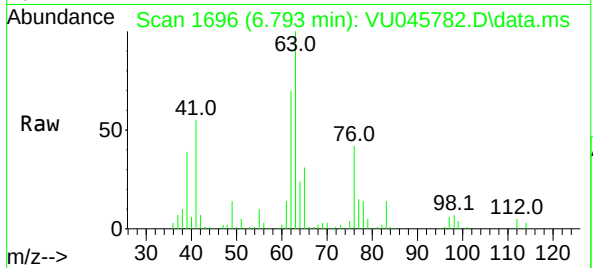
65 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 52.074 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

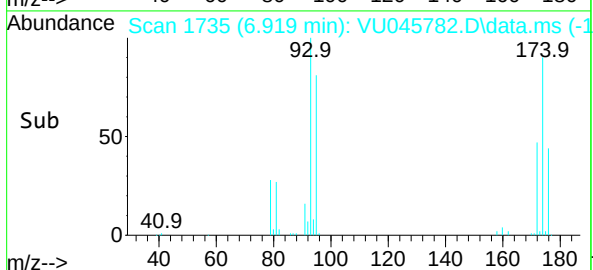
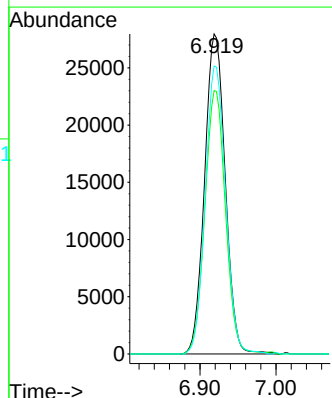
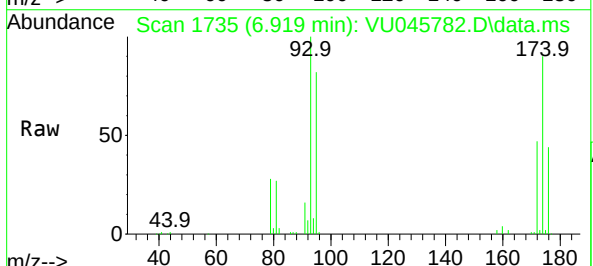
Tgt Ion: 93 Resp: 52773

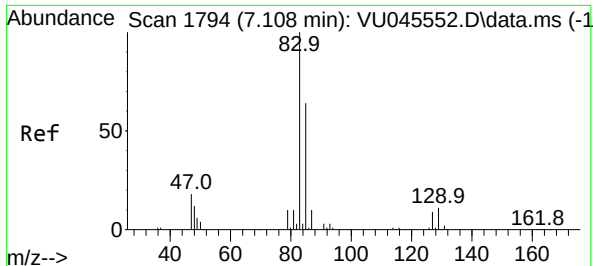
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.2

174 88.7 71.0 106.6





#47

Bromodichloromethane

Concen: 54.144 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 10411

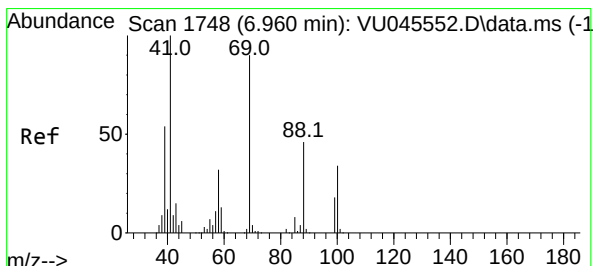
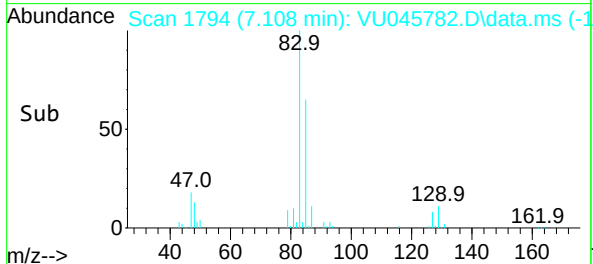
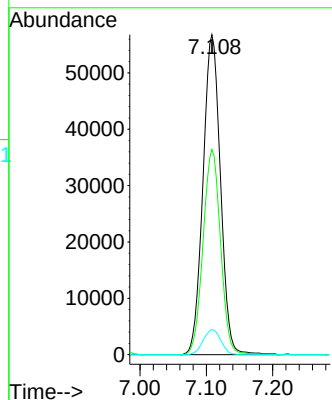
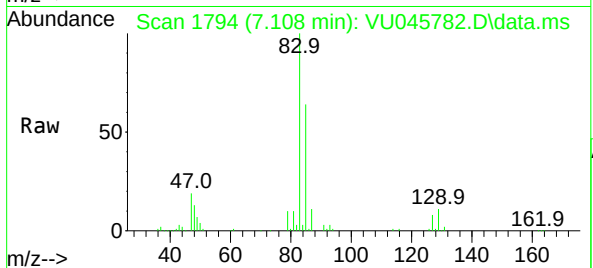
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.8	74.6
127	7.9	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#48

Methyl methacrylate

Concen: 53.471 ug/l

RT: 6.960 min Scan# 1748

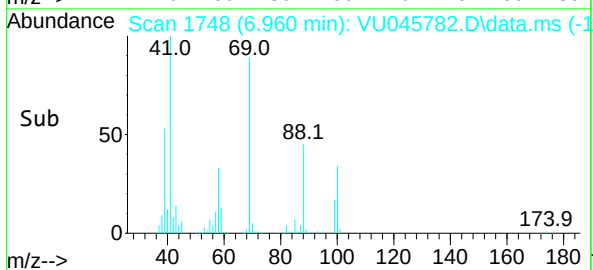
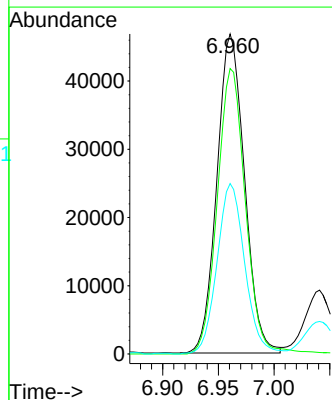
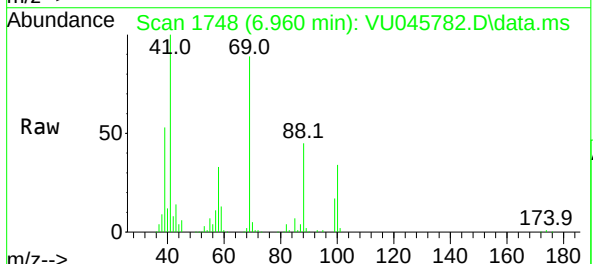
Delta R.T. 0.000 min

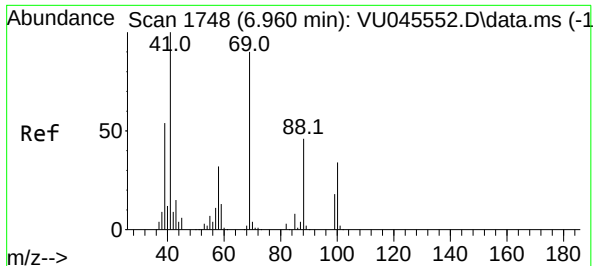
Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Tgt Ion: 41 Resp: 80733

Ion	Ratio	Lower	Upper
41	100		
69	91.2	70.2	105.2
39	53.6	43.9	65.9





#49

1,4-Dioxane

Concen: 1070.862 ug/l

RT: 6.964 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 41580

Ion Ratio Lower Upper

88 100

43 29.3 0.0 0.0

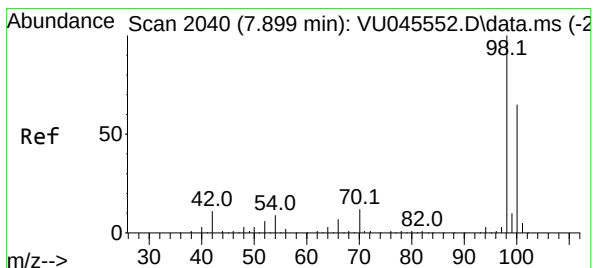
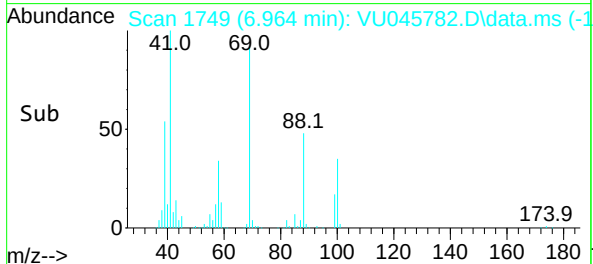
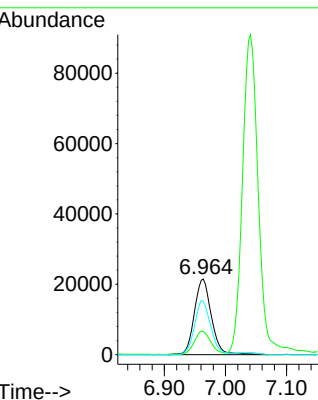
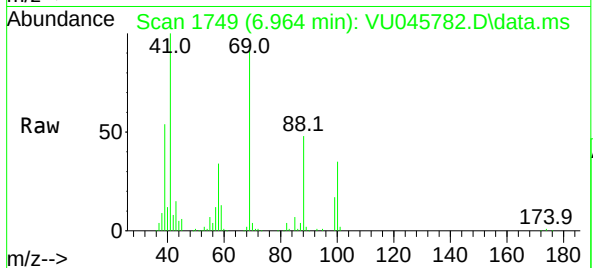
58 67.9 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 50.620 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045782.D

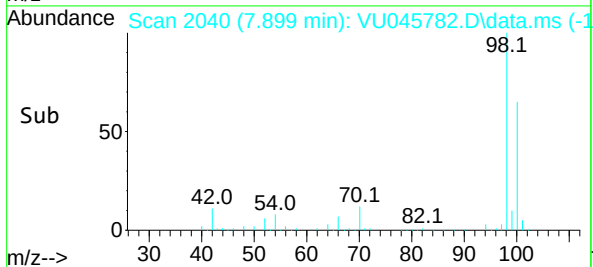
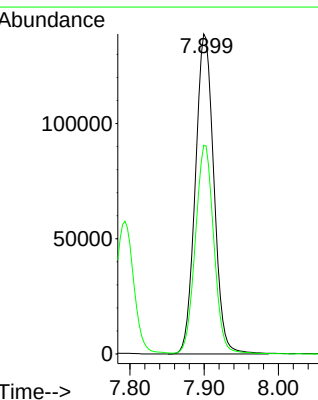
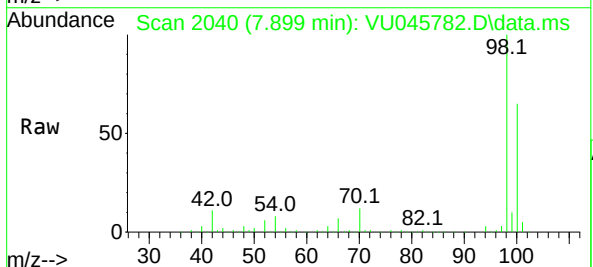
Acq: 12 Nov 2021 20:12

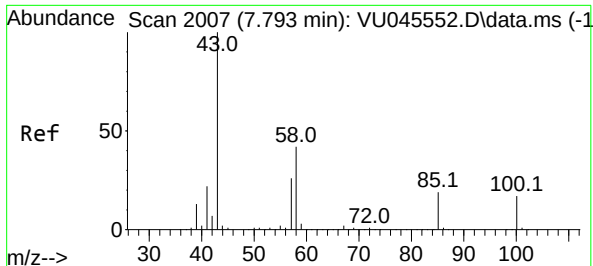
Tgt Ion: 98 Resp: 240631

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 273.701 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 59227

Ion Ratio Lower Upper

43 100

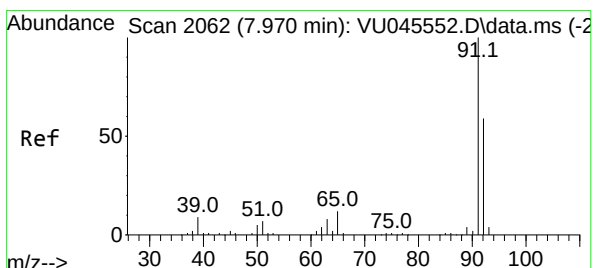
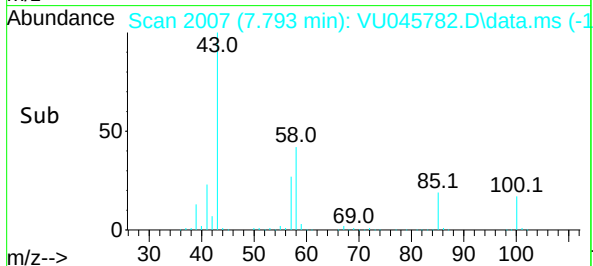
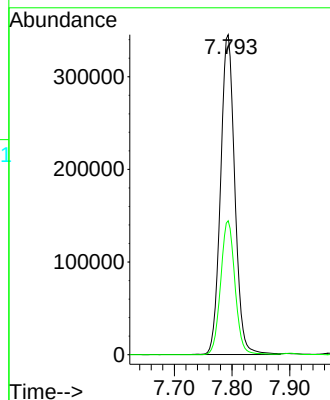
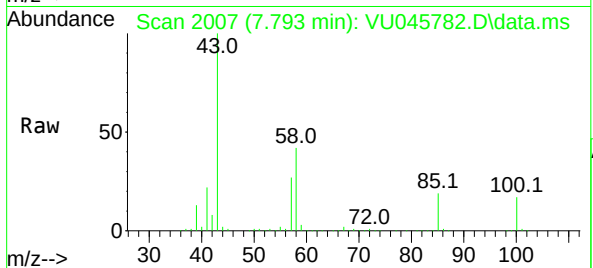
58 42.1 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#52

Toluene

Concen: 51.148 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU045782.D

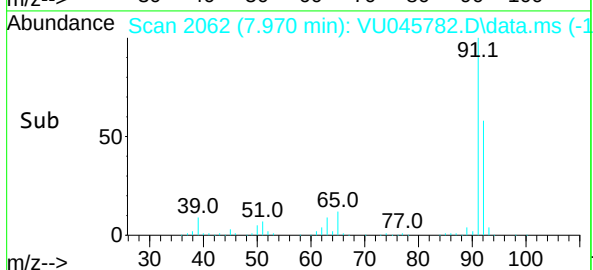
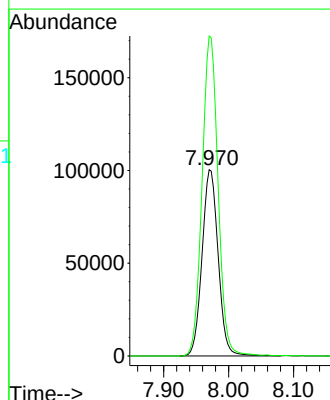
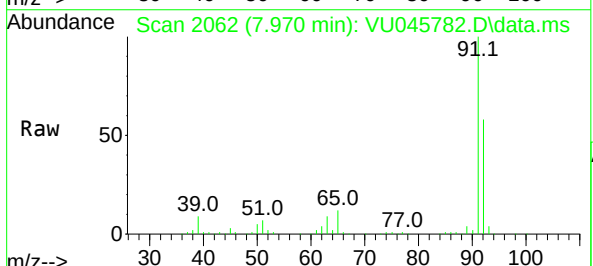
Acq: 12 Nov 2021 20:12

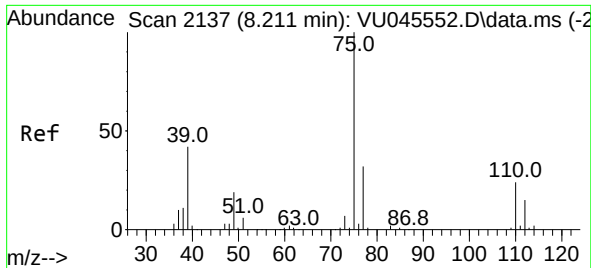
Tgt Ion: 92 Resp: 173092

Ion Ratio Lower Upper

92 100

91 170.7 135.6 203.4





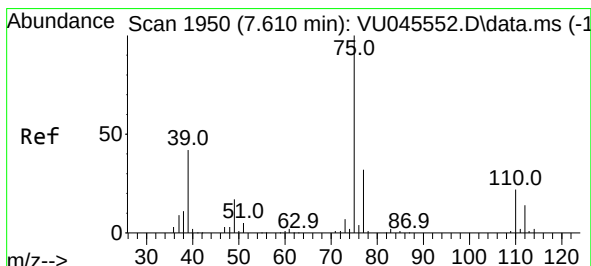
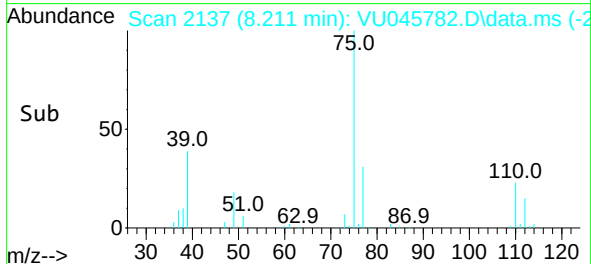
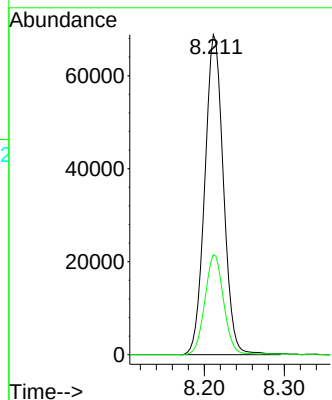
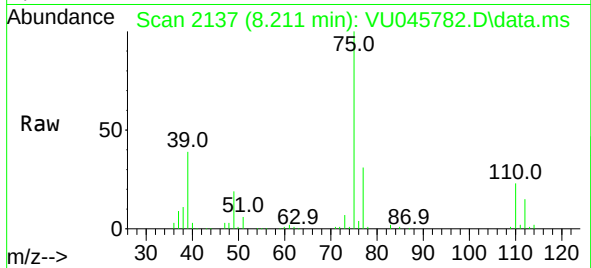
#53
t-1,3-Dichloropropene
Concen: 50.550 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 11171
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8

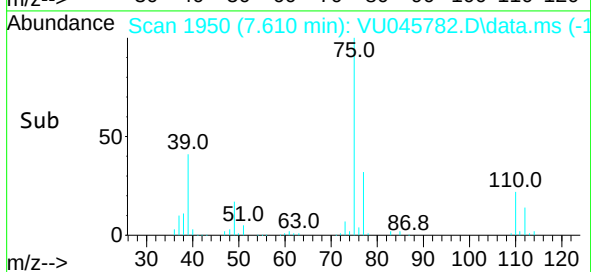
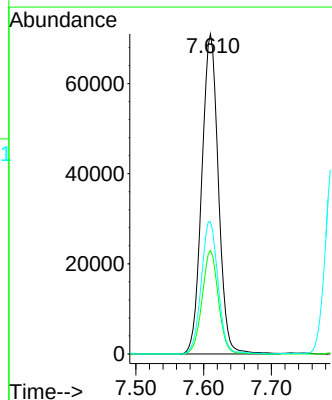
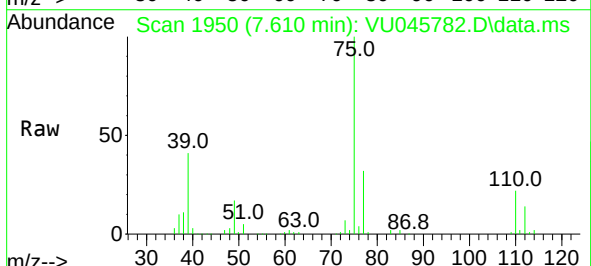
Manual Integrations
APPROVED

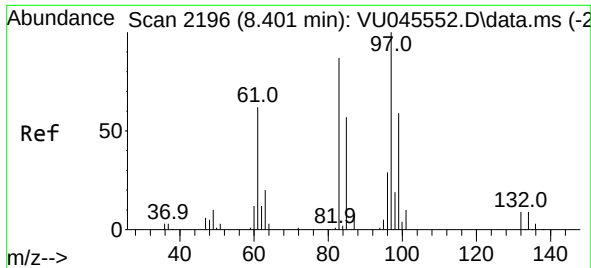
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#54
cis-1,3-Dichloropropene
Concen: 51.525 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

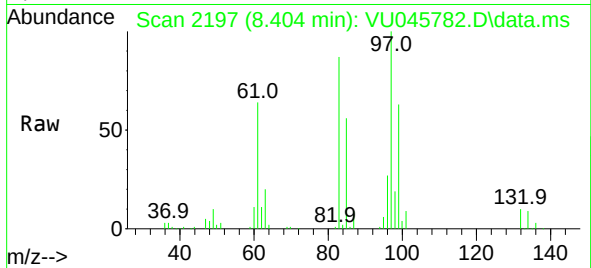
Tgt Ion: 75 Resp: 120943
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0
39 41.4 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 53.028 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

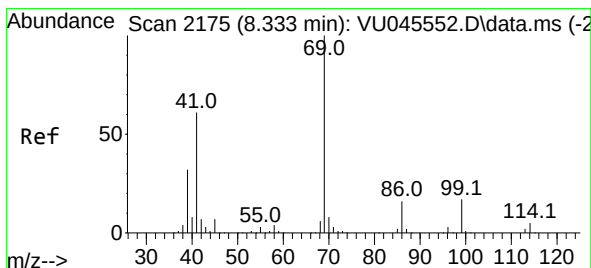
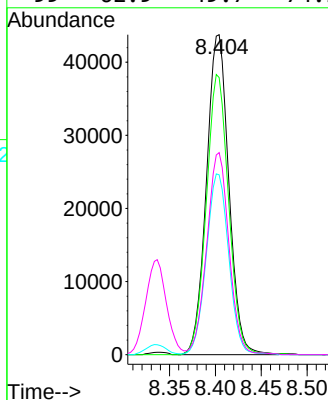
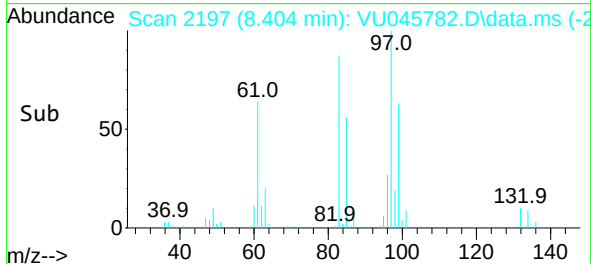
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.3	105.5
85	56.2	45.5	68.3
99	62.9	49.7	74.5

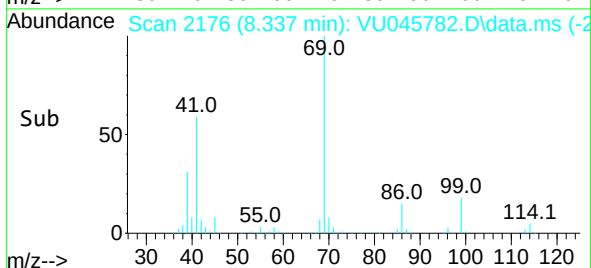
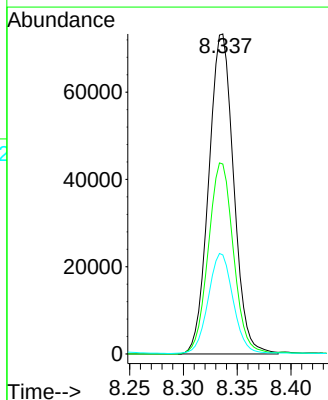
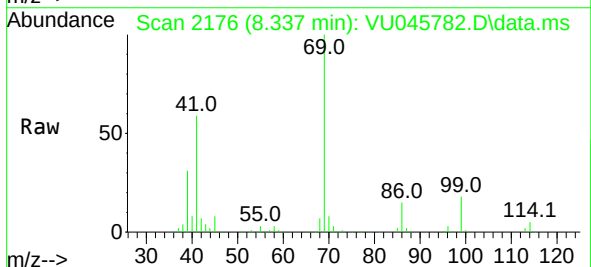
Manual Integrations
APPROVED

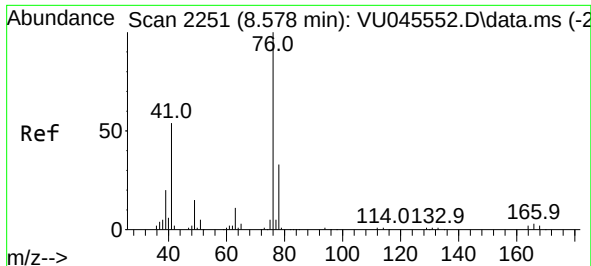
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#56
Ethyl methacrylate
Concen: 47.177 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.3	51.0	76.4
39	31.2	26.6	39.8





#57

1,3-Dichloropropane

Concen: 51.624 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13041

Ion Ratio Lower Upper

76 100

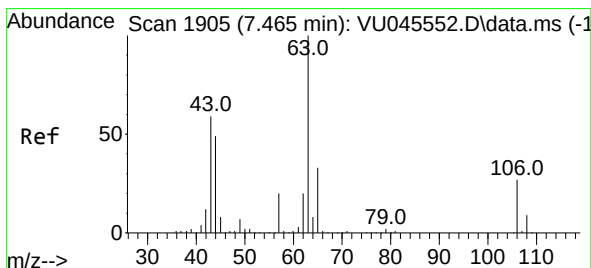
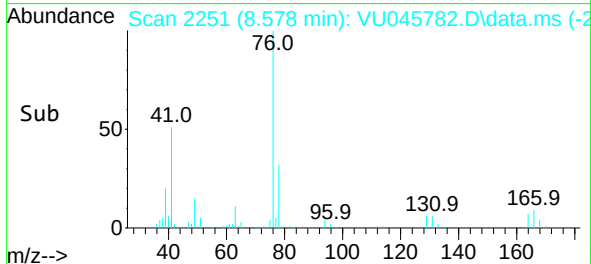
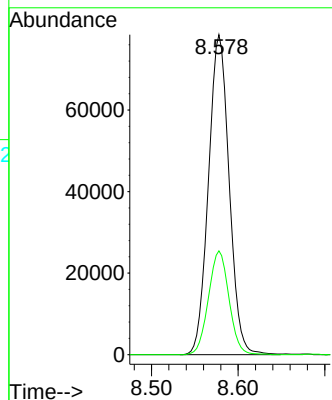
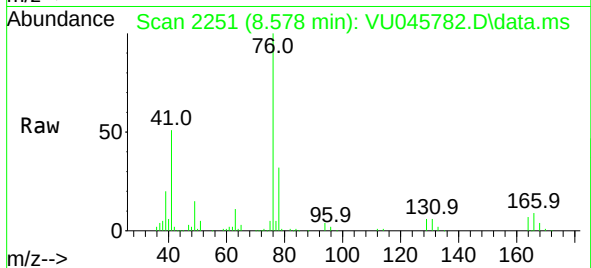
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 228.725 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045782.D

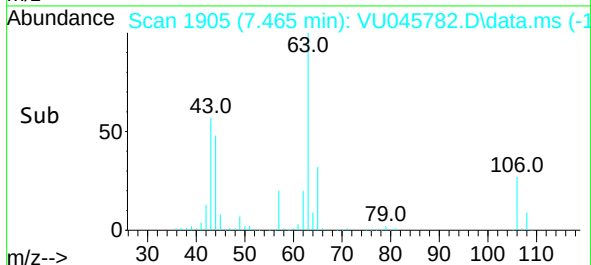
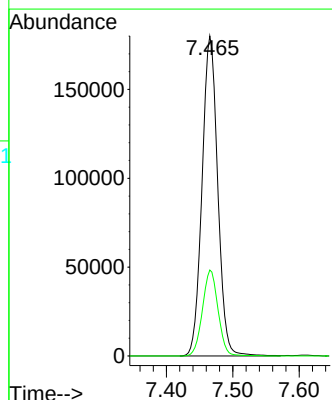
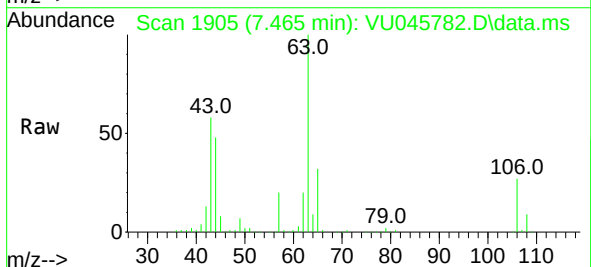
Acq: 12 Nov 2021 20:12

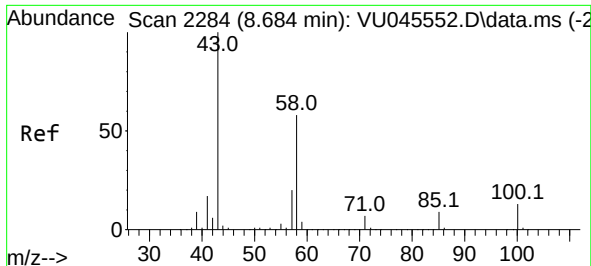
Tgt Ion: 63 Resp: 295338

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4





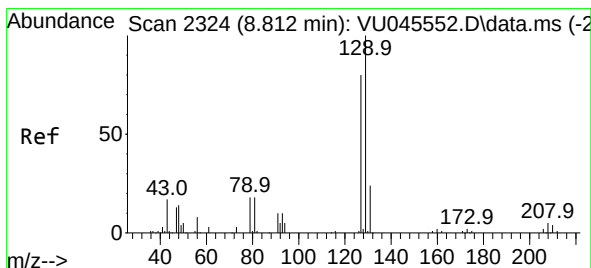
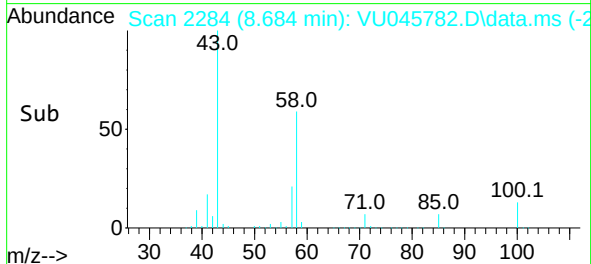
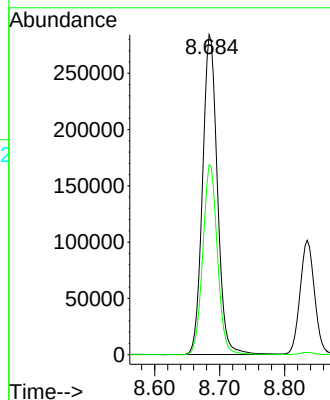
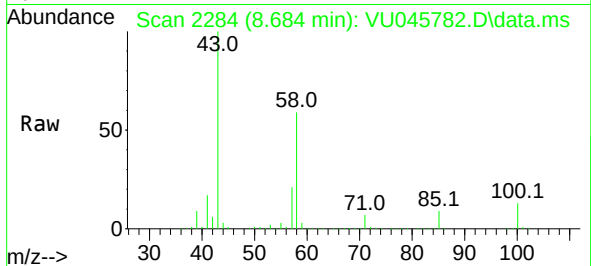
#59
2-Hexanone
Concen: 240.418 ug/l
RT: 8.684 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45212
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.6

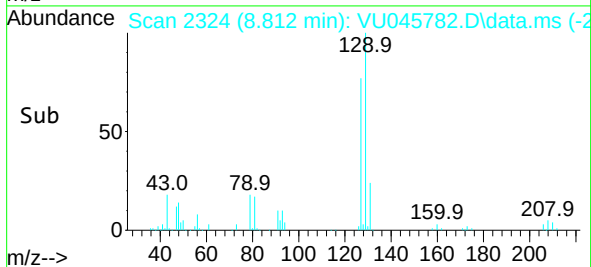
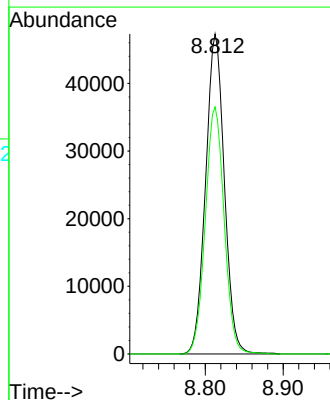
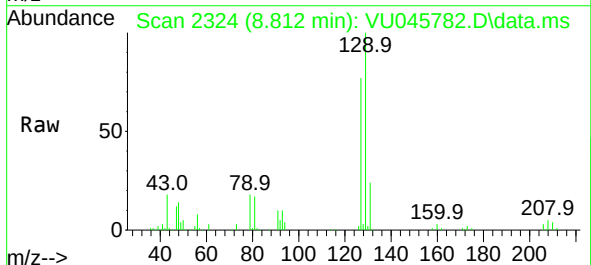
Manual Integrations
APPROVED

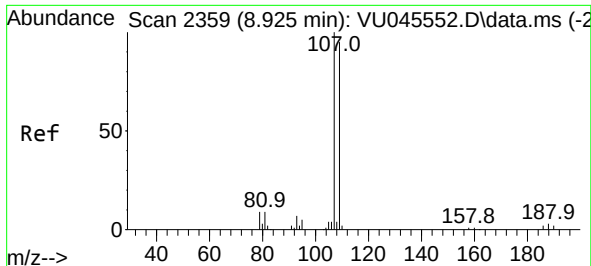
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#60
Dibromochloromethane
Concen: 54.140 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

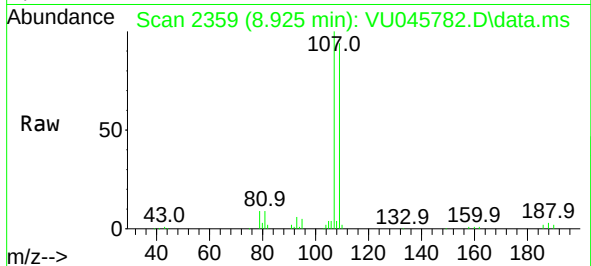
Tgt Ion:129 Resp: 79070
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61
1,2-Dibromoethane
Concen: 51.860 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

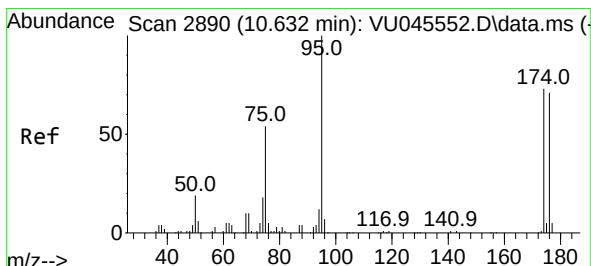
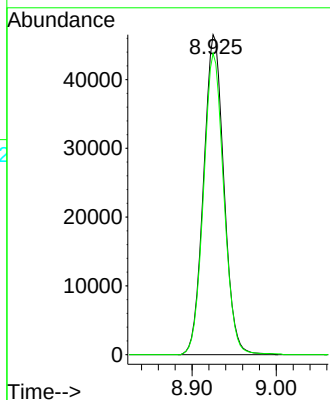
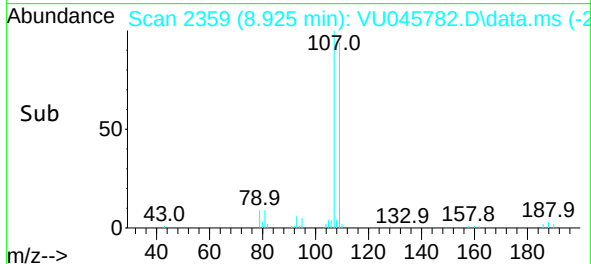
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 7801
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.8

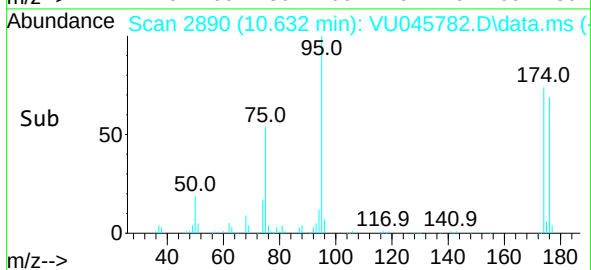
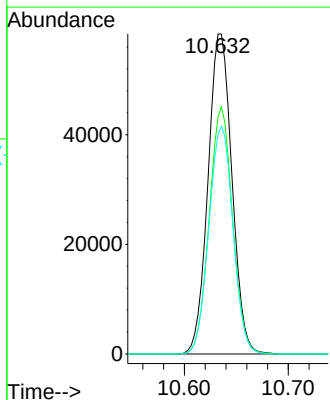
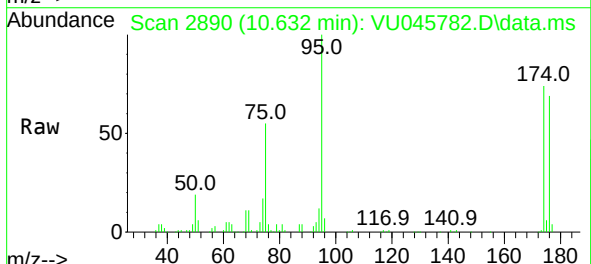
Manual Integrations
APPROVED

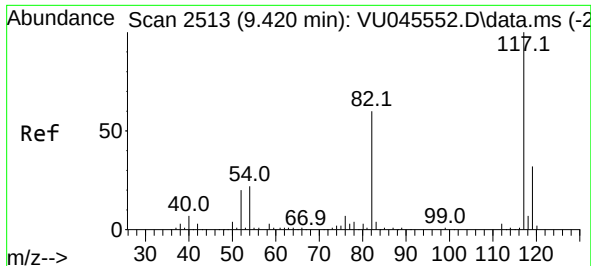
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#62
4-Bromofluorobenzene
Concen: 49.036 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

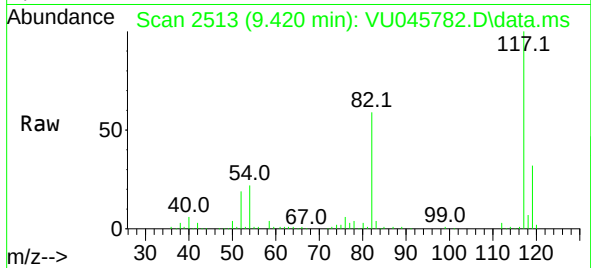
Tgt Ion: 95 Resp: 93472
Ion Ratio Lower Upper
95 100
174 75.4 0.0 141.8
176 71.5 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

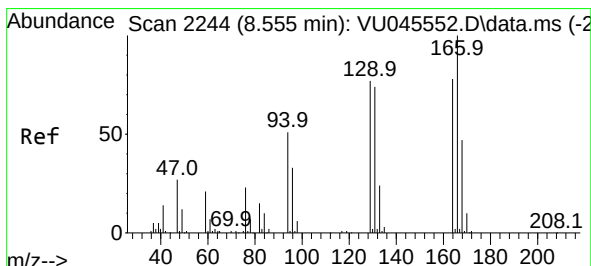
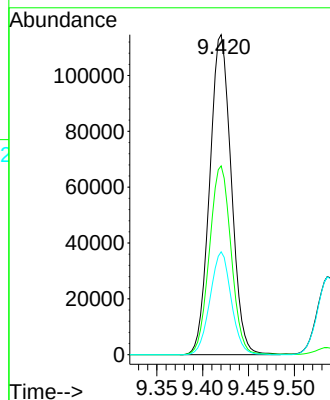
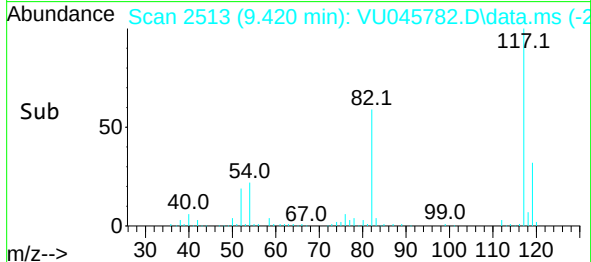
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 187240
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.8
119 32.2 25.8 38.8

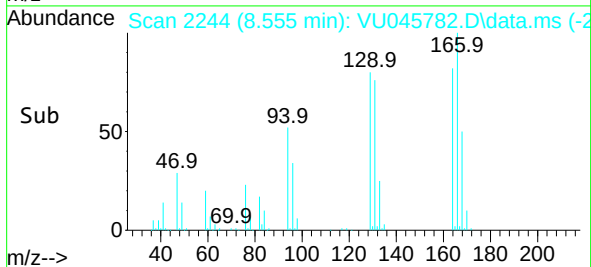
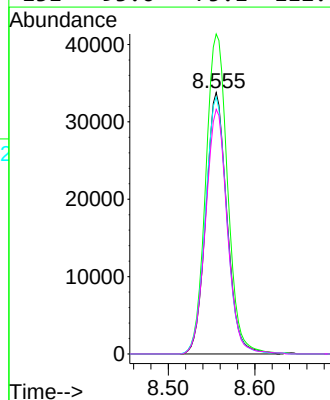
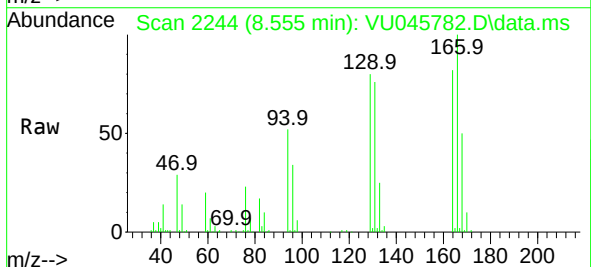
Manual Integrations
APPROVED

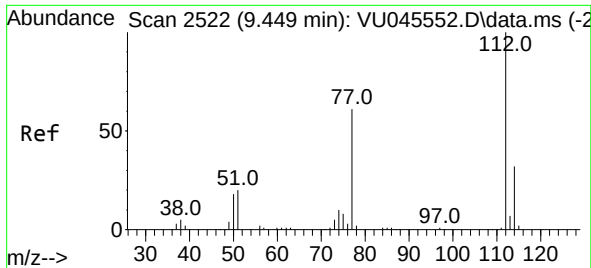
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#64
Tetrachloroethene
Concen: 53.236 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion:164 Resp: 57211
Ion Ratio Lower Upper
164 100
166 122.4 102.2 153.4
129 98.2 78.2 117.4
131 93.6 75.1 112.7





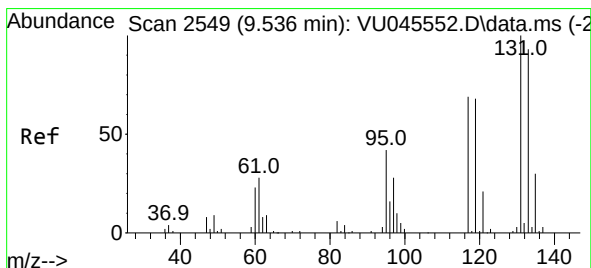
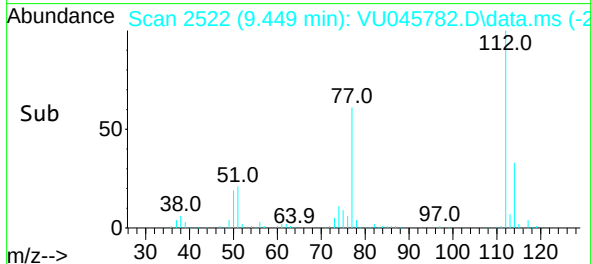
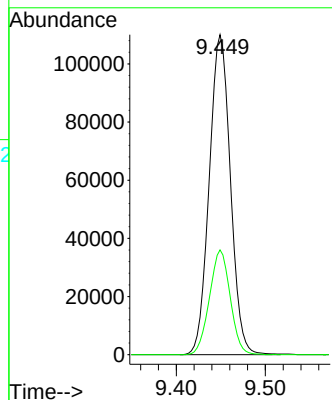
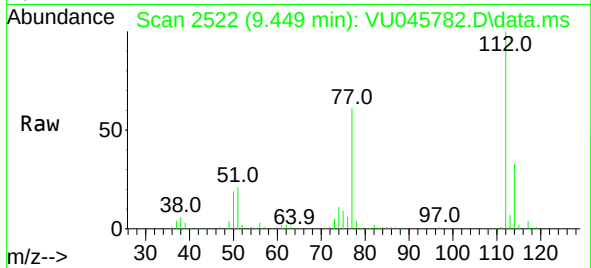
#65
Chlorobenzene
Concen: 49.359 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 181536
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

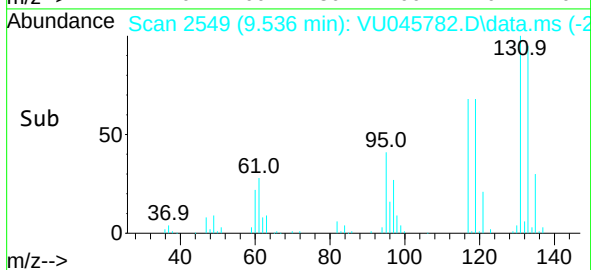
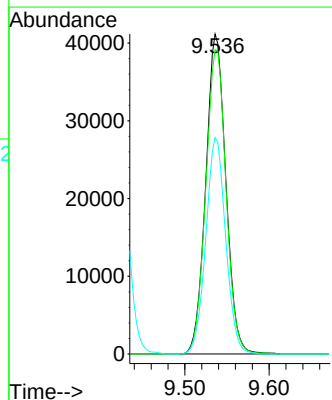
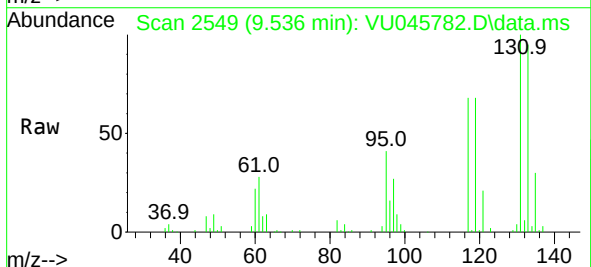
Manual Integrations
APPROVED

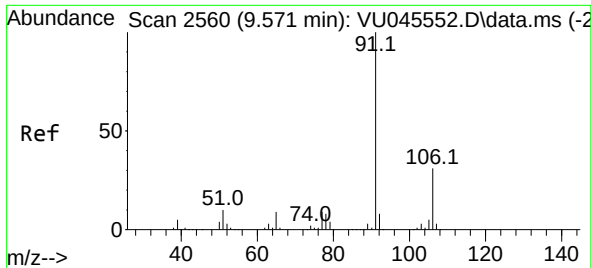
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.020 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

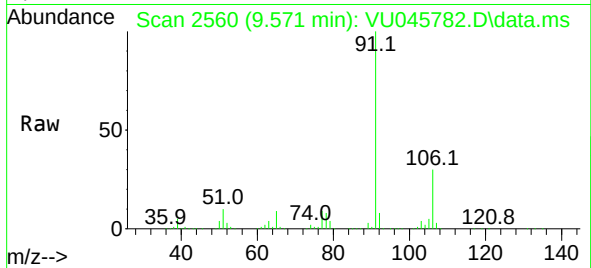
Tgt Ion:131 Resp: 68235
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 67.0 34.5 103.6





#67
Ethyl Benzene
Concen: 50.333 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

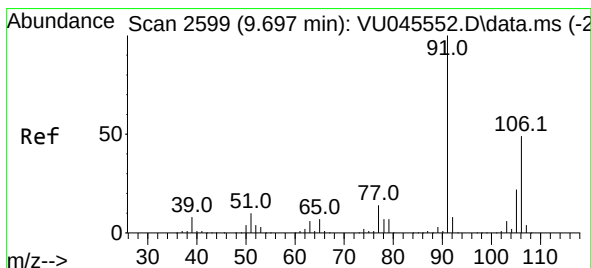
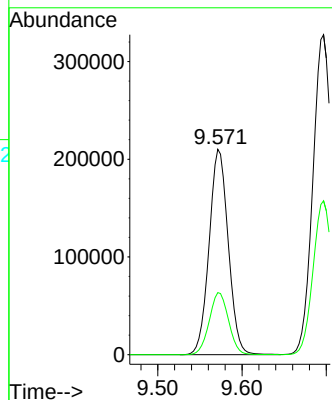
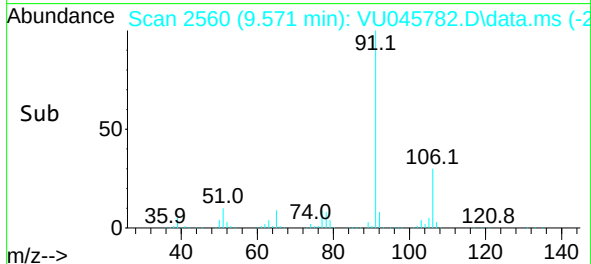
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 33151
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8

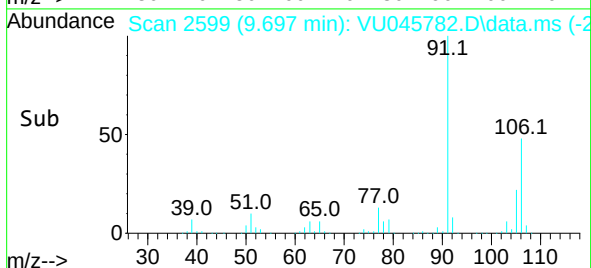
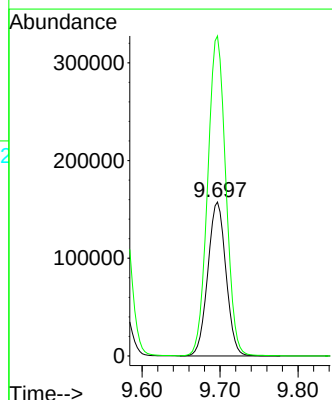
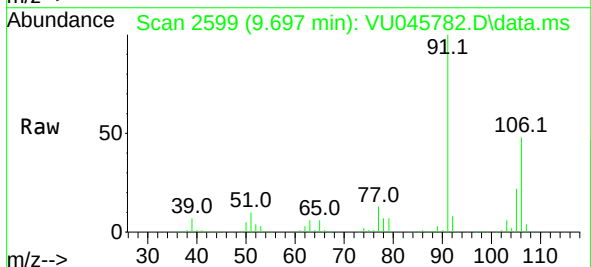
Manual Integrations
APPROVED

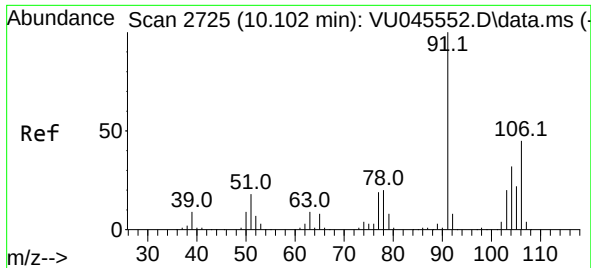
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#68
m/p-Xylenes
Concen: 102.544 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion:106 Resp: 254715
Ion Ratio Lower Upper
106 100
91 208.6 164.7 247.1





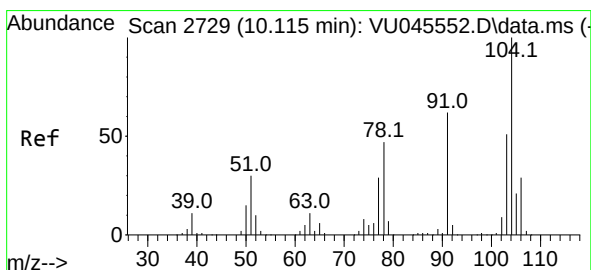
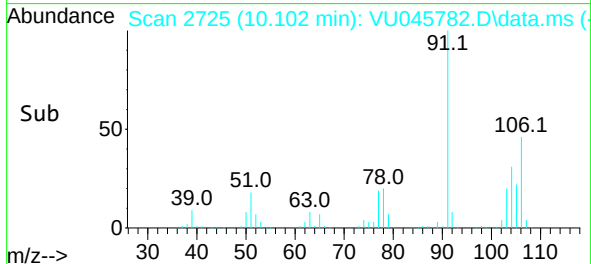
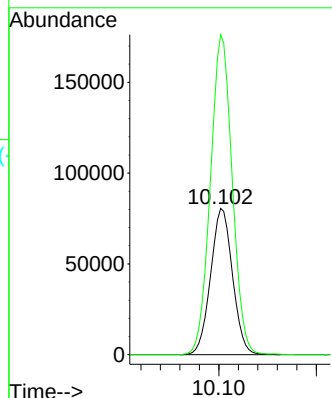
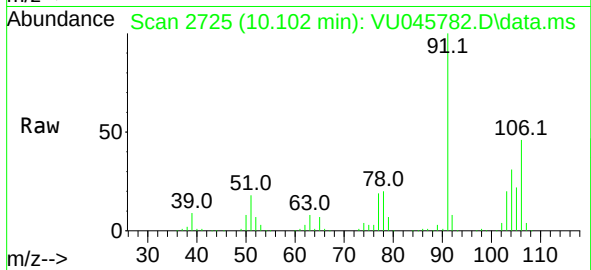
#69
o-Xylene
Concen: 52.050 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 125697
Ion Ratio Lower Upper
106 100
91 218.1 108.7 326.3

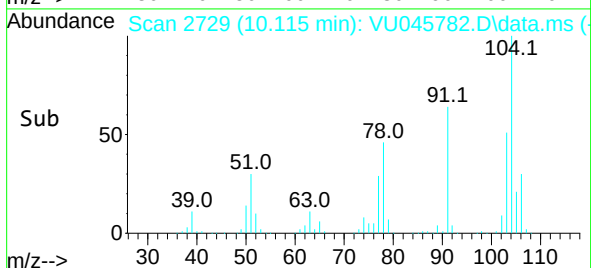
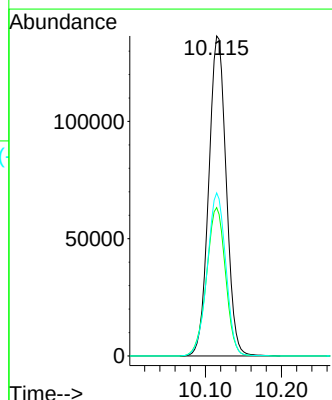
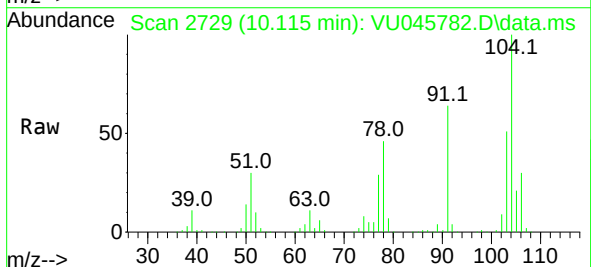
Manual Integrations
APPROVED

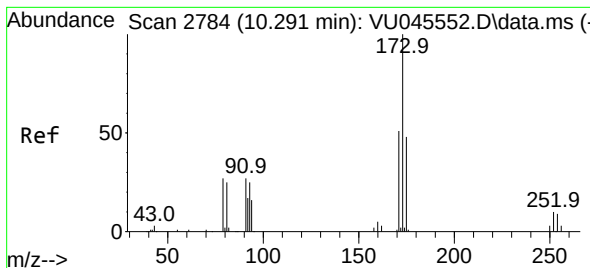
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 53.362 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion:104 Resp: 218008
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.6
103 54.3 43.8 65.6





#71

Bromoform

Concen: 46.806 ug/l

RT: 10.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

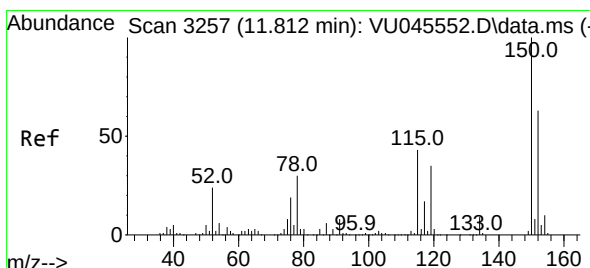
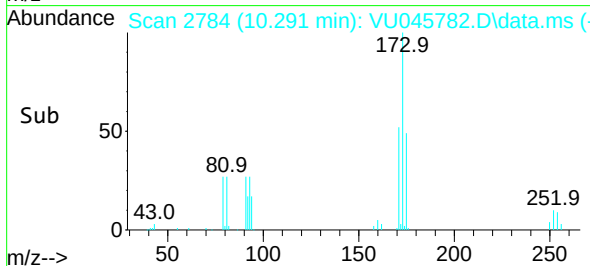
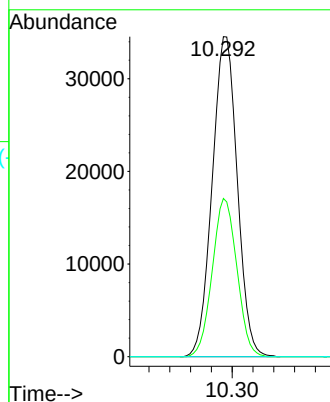
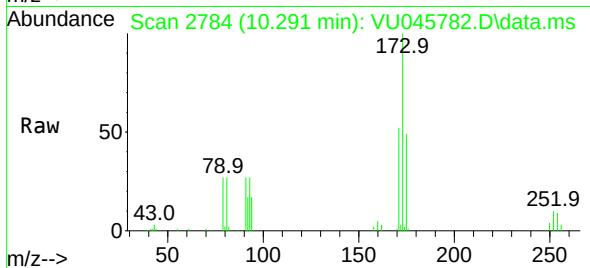
Tgt Ion:173	Resp: 57850
Ion Ratio	Lower Upper
173 100	
175 48.4	24.1 72.2
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

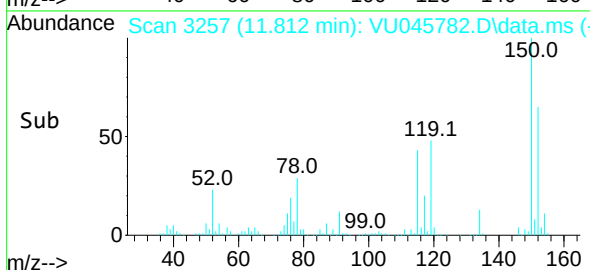
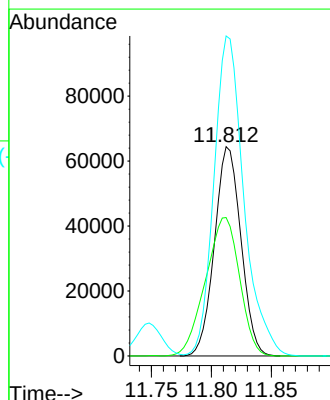
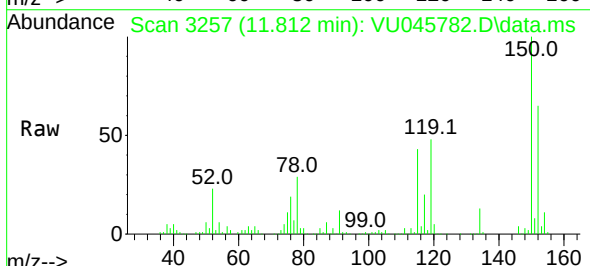
RT: 11.812 min Scan# 3257

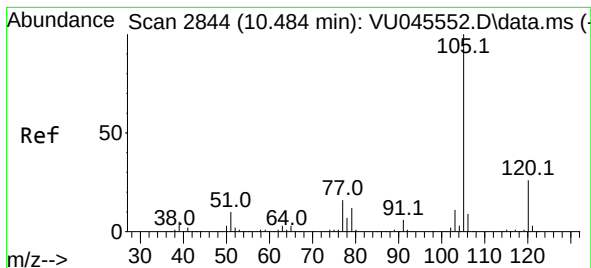
Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Tgt Ion:152	Resp: 98838
Ion Ratio	Lower Upper
152 100	
115 85.0	42.7 128.1
150 172.8	0.0 346.8





#73

Isopropylbenzene

Concen: 51.471 ug/l

RT: 10.488 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 33240

Ion Ratio Lower Upper

105 100

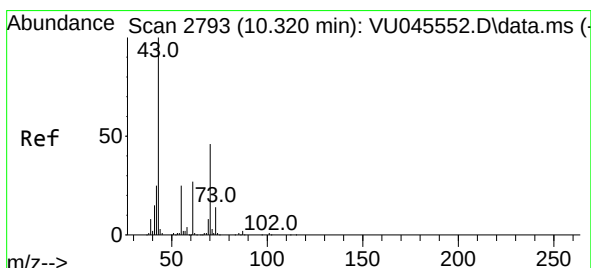
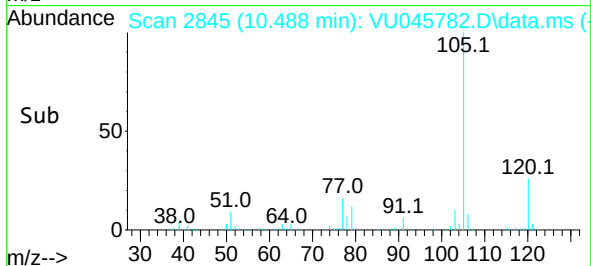
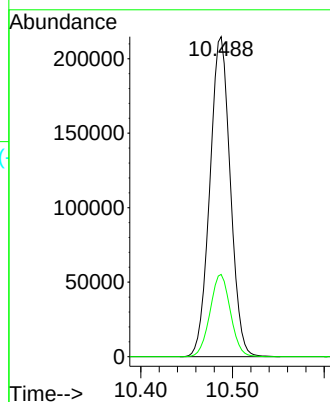
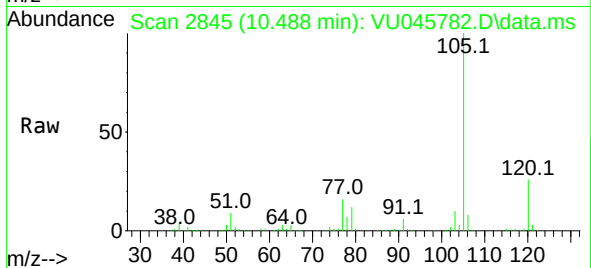
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#74

N-ethyl acetate

Concen: 51.214 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Tgt Ion: 43 Resp: 149205

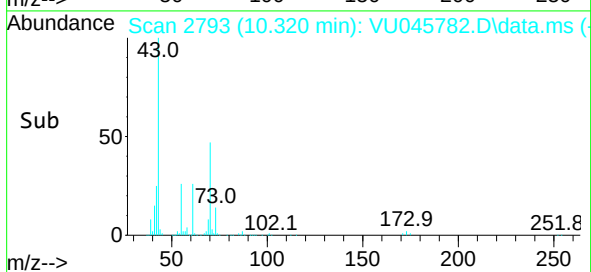
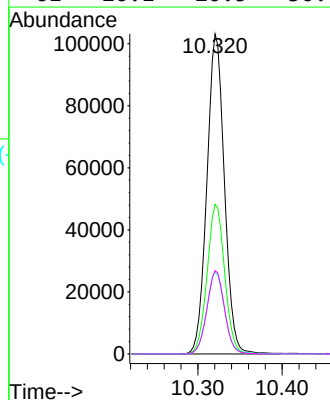
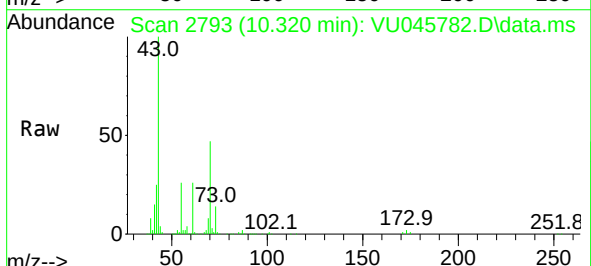
Ion Ratio Lower Upper

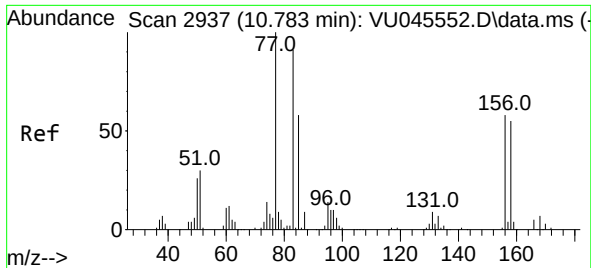
43 100

70 47.0 36.9 55.3

55 26.3 20.6 31.0

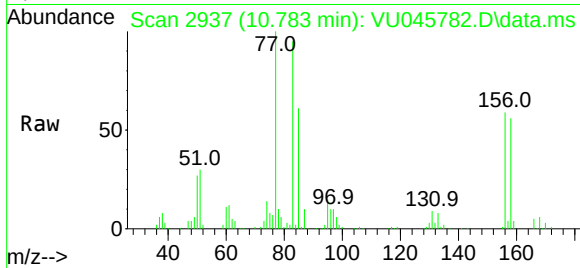
61 26.1 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.342 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

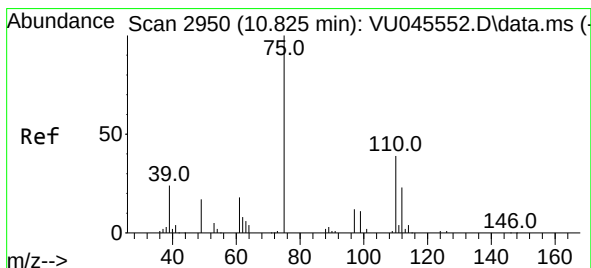
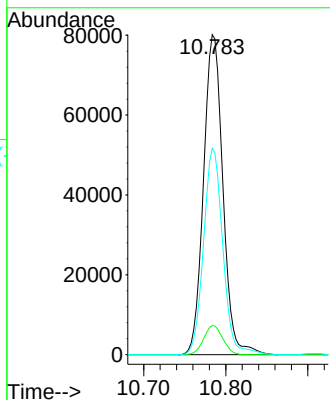
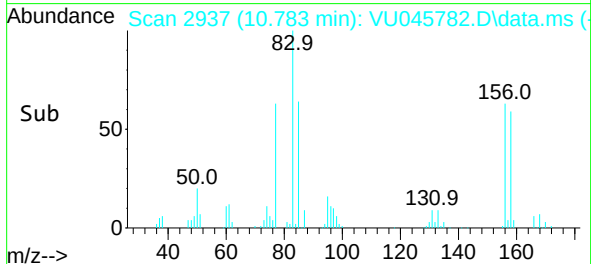
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



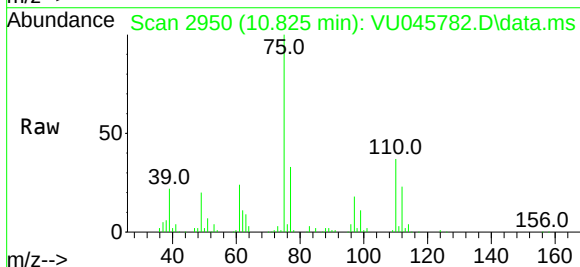
Tgt Ion: 83 Resp: 131360
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 64.1 31.9 95.9

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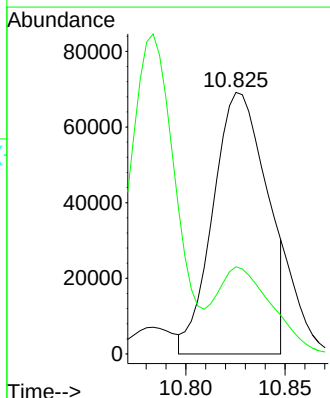
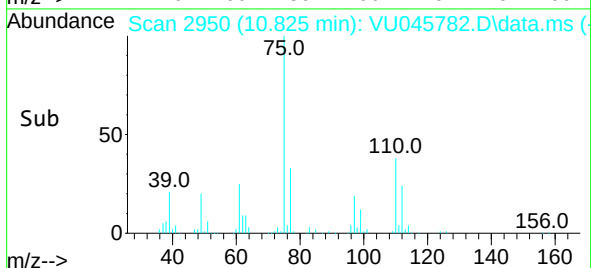
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

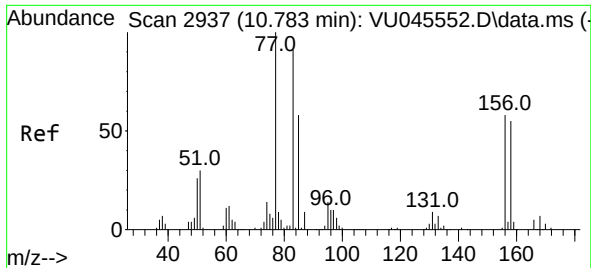


#76
1,2,3-Trichloropropane
Concen: 43.276 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12



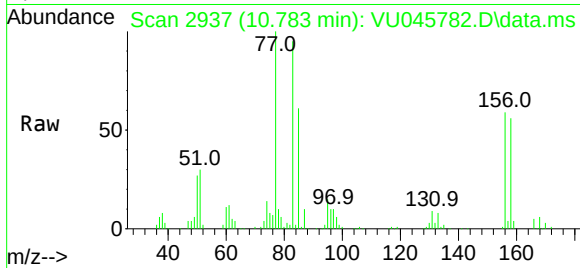
Tgt Ion: 75 Resp: 129712
Ion Ratio Lower Upper
75 100
77 34.5 17.1 51.3





#77
Bromobenzene
Concen: 50.570 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

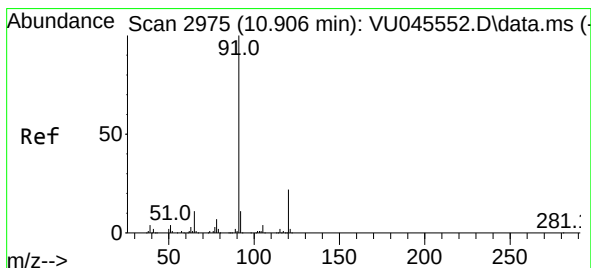
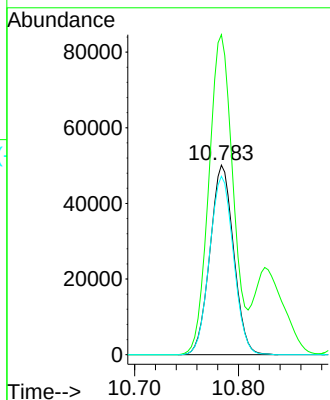
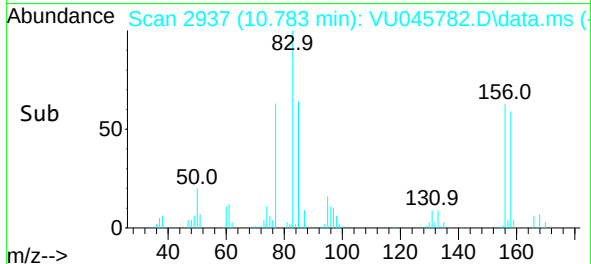
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



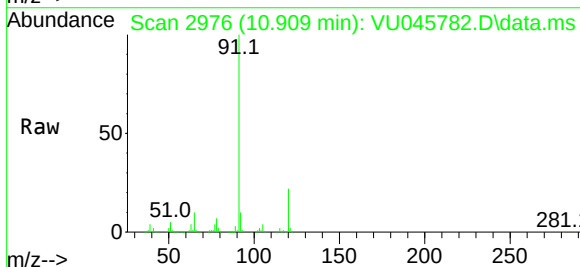
Tgt Ion:156 Resp: 7929
Ion Ratio Lower Upper
156 100
77 172.6 91.1 273.4
158 95.5 47.9 143.6

Manual Integrations
APPROVED

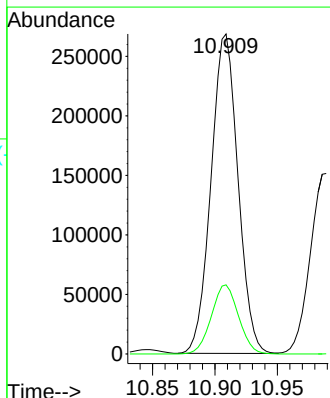
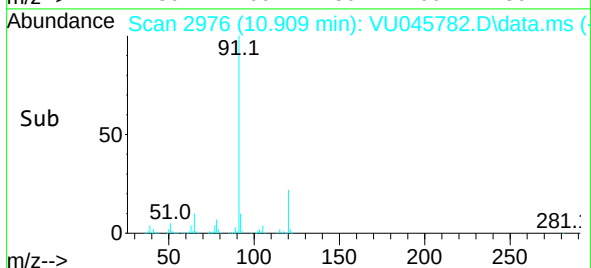
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

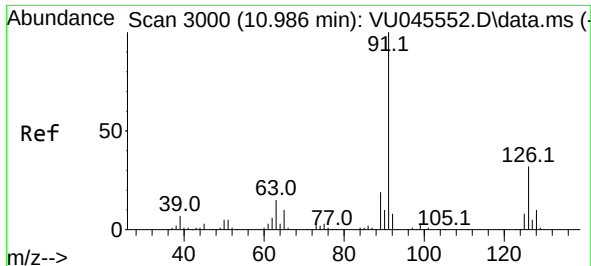


#78
n-propylbenzene
Concen: 50.250 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12



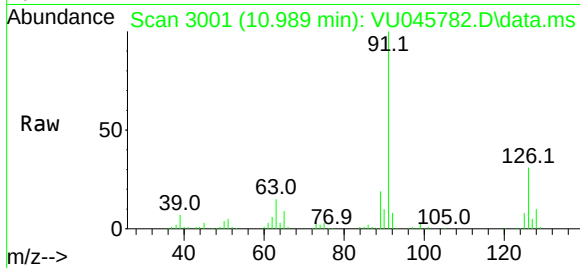
Tgt Ion: 91 Resp: 403890
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





#79
2-Chlorotoluene
Concen: 50.127 ug/l
RT: 10.989 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

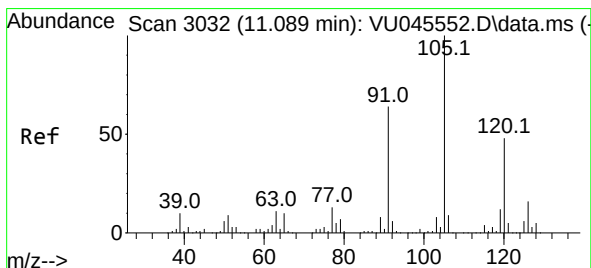
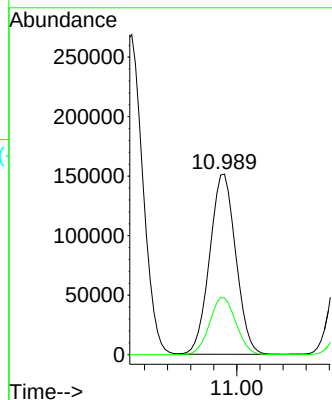
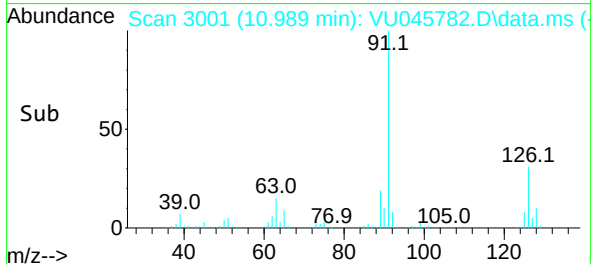
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



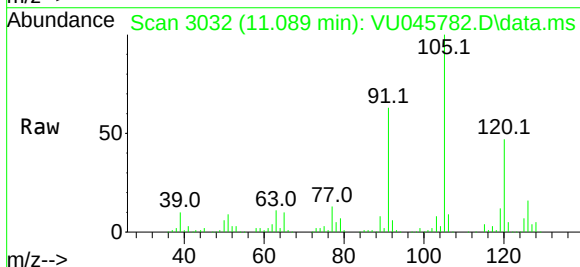
Tgt Ion: 91 Resp: 238030
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.8

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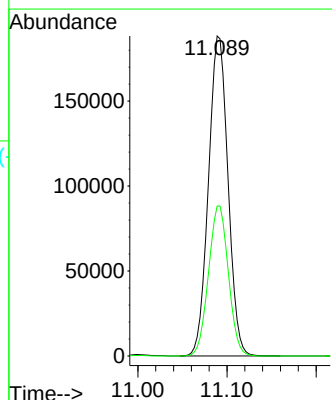
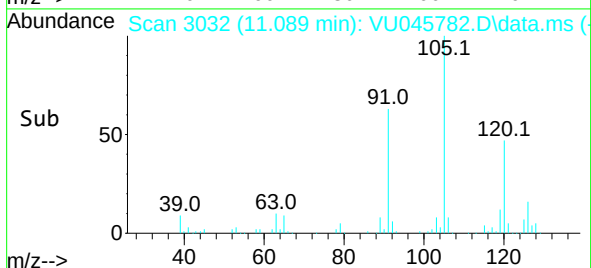
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

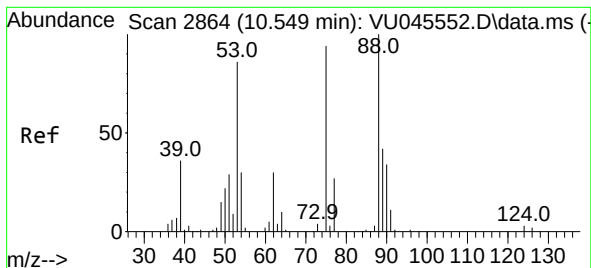


#80
1,3,5-Trimethylbenzene
Concen: 50.735 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12



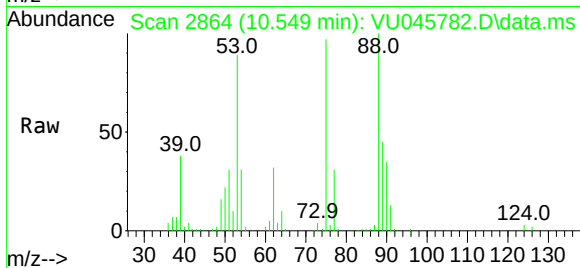
Tgt Ion:105 Resp: 286266
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 41.292 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

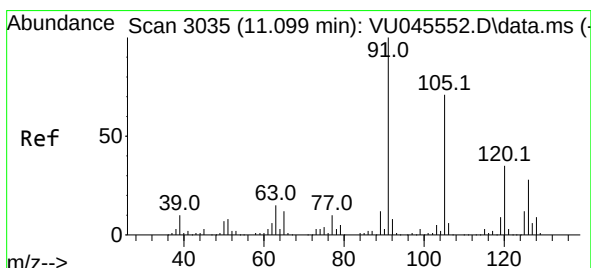
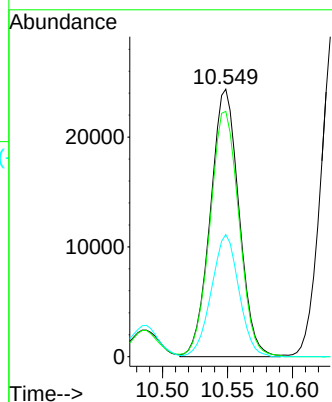
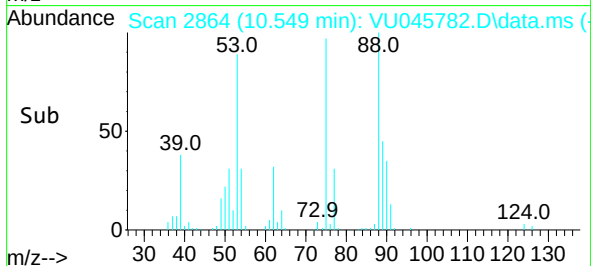
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 3727
Ion Ratio Lower Upper
75 100
53 93.2 76.2 114.4
89 44.0 34.0 51.0

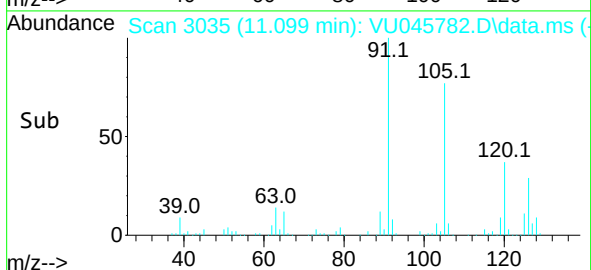
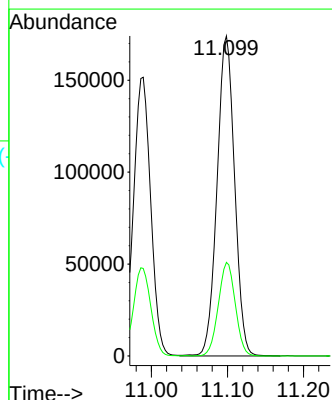
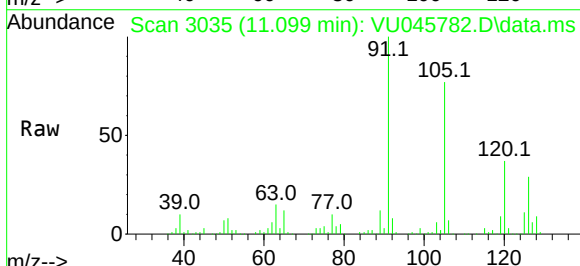
Manual Integrations
APPROVED

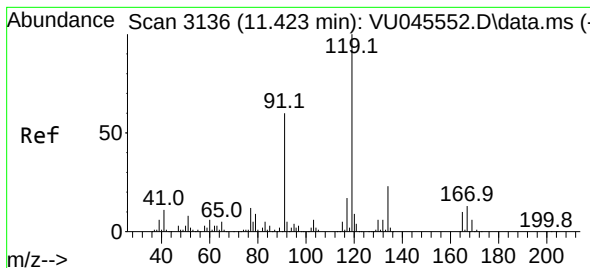
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 50.046 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

Tgt Ion: 91 Resp: 278712
Ion Ratio Lower Upper
91 100
126 28.3 13.8 41.4





#83

tert-Butylbenzene

Concen: 51.204 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 275400

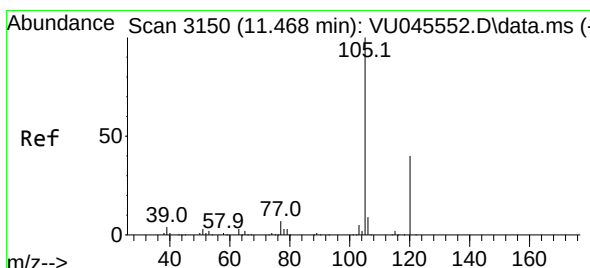
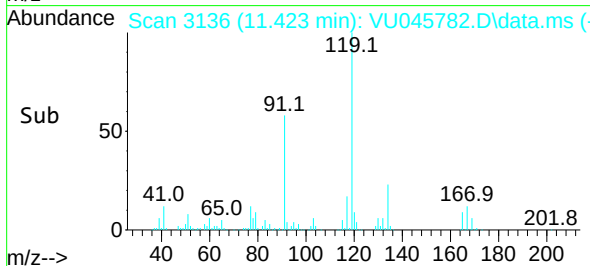
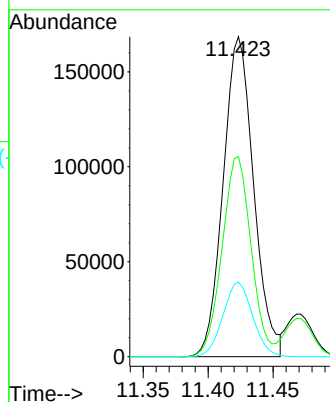
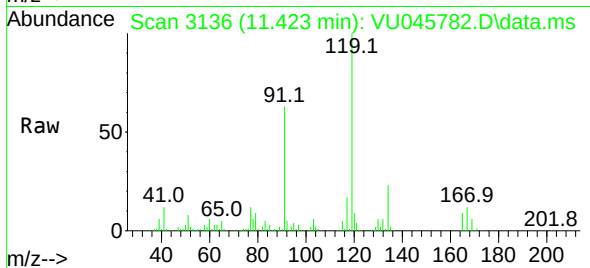
Ion	Ratio	Lower	Upper
119	100		
91	59.5	30.5	91.5
134	22.7	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#84

1,2,4-Trimethylbenzene

Concen: 51.512 ug/l

RT: 11.468 min Scan# 3150

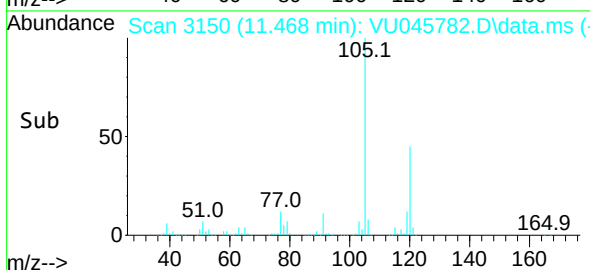
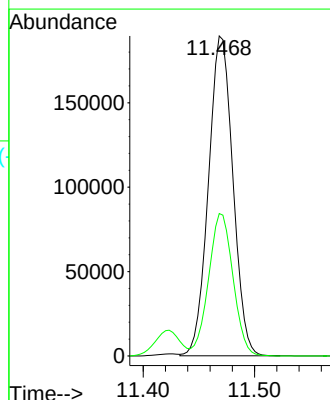
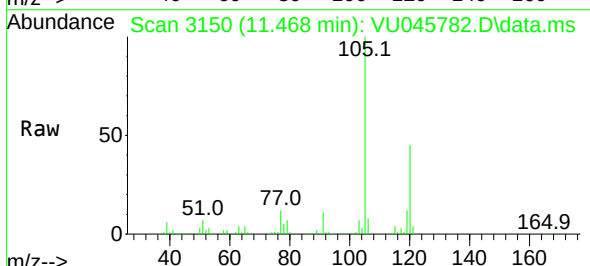
Delta R.T. 0.000 min

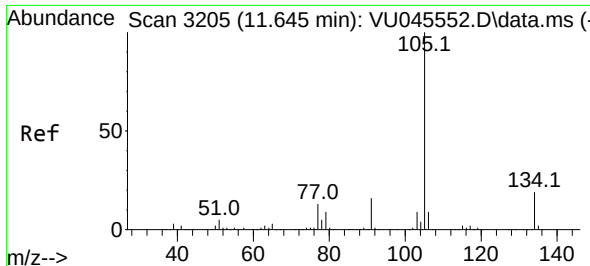
Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Tgt Ion:105 Resp: 288867

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.2	66.6





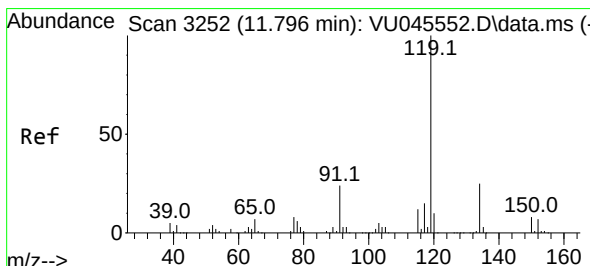
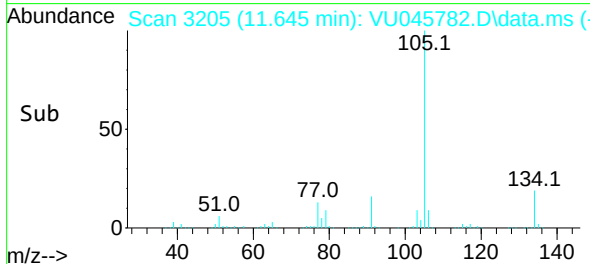
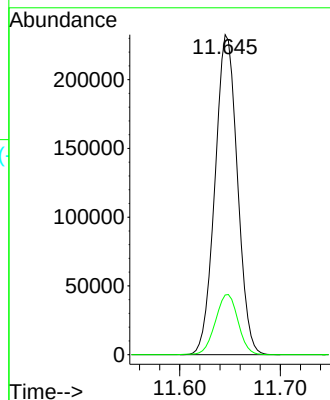
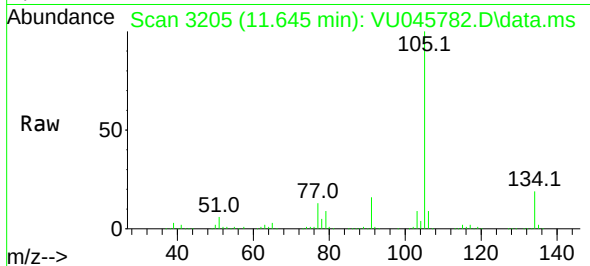
#85
 sec-Butylbenzene
 Concen: 50.511 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045782.D
 Acq: 12 Nov 2021 20:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 360315
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.3

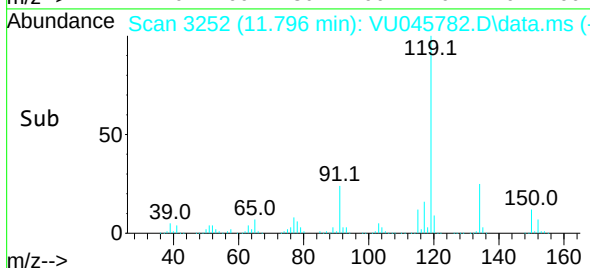
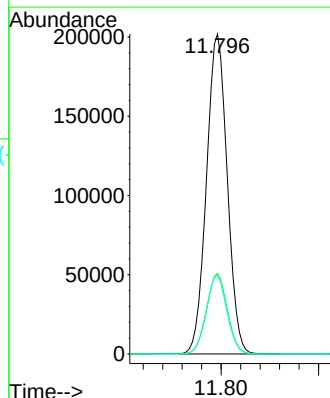
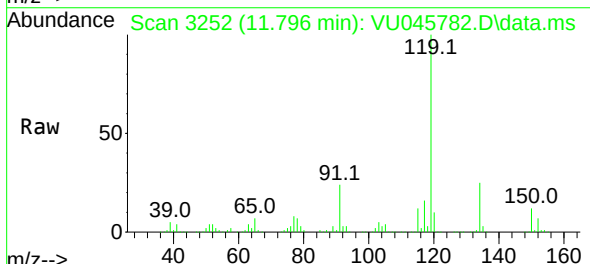
Manual Integrations
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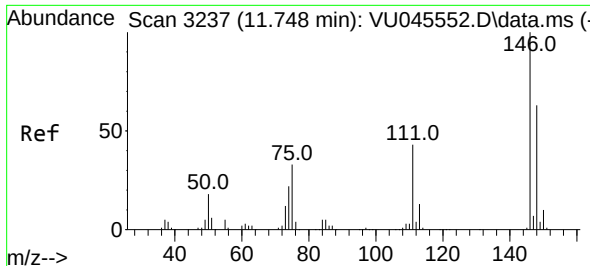
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#86
 p-Isopropyltoluene
 Concen: 50.082 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045782.D
 Acq: 12 Nov 2021 20:12

Tgt Ion:119 Resp: 298535
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 24.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 47.890 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

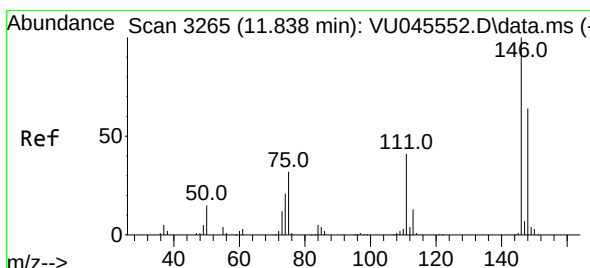
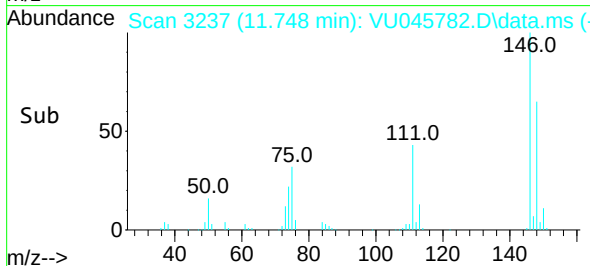
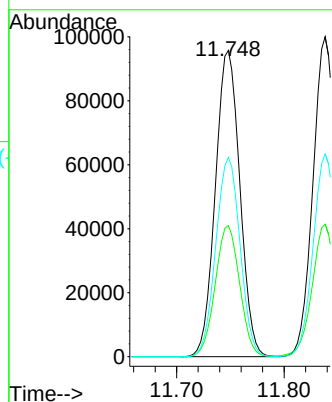
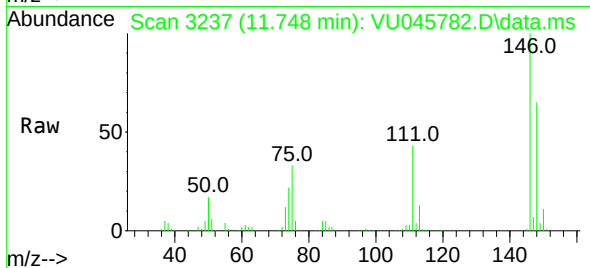
Tgt Ion:146 Resp: 151500
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.9
 148 64.7 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#88

1,4-Dichlorobenzene

Concen: 47.991 ug/l

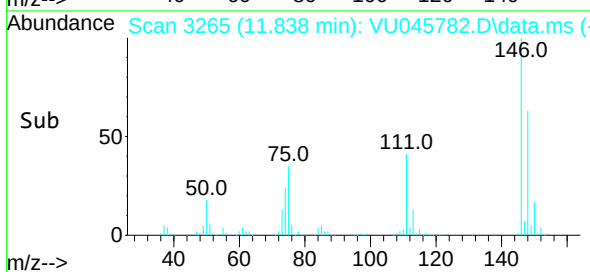
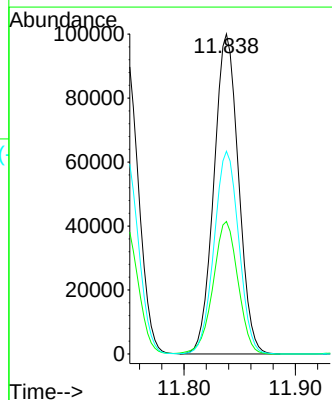
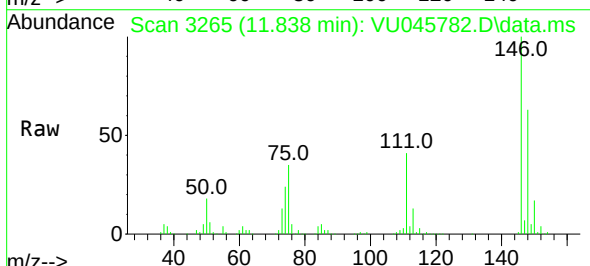
RT: 11.838 min Scan# 3265

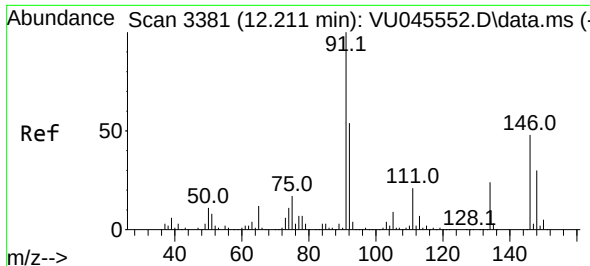
Delta R.T. 0.000 min

Lab File: VU045782.D

Acq: 12 Nov 2021 20:12

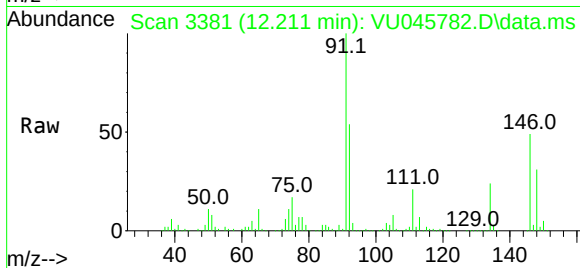
Tgt Ion:146 Resp: 153553
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.9
 148 63.8 31.9 95.7





#89
n-Butylbenzene
Concen: 48.095 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

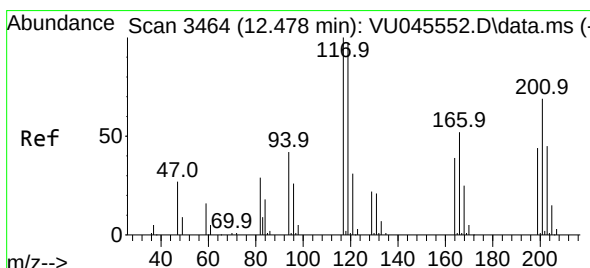
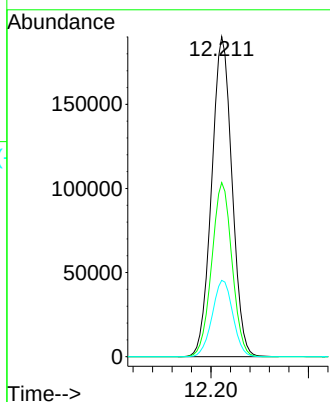
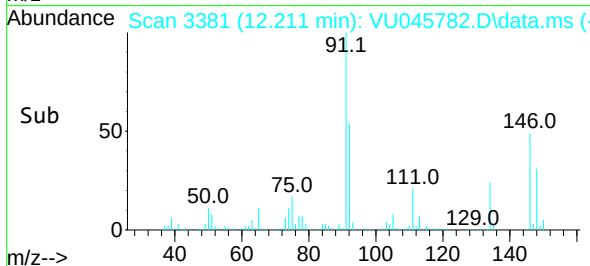
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 276170
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 24.2 11.8 35.4

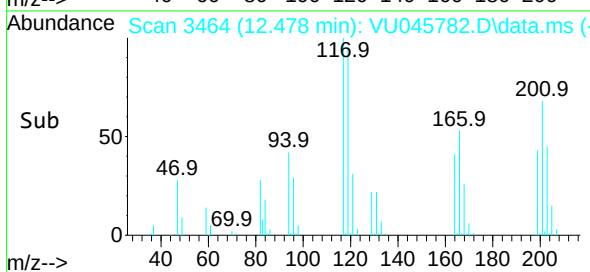
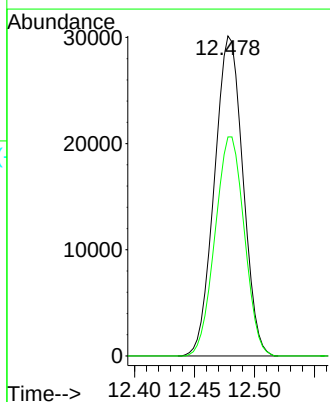
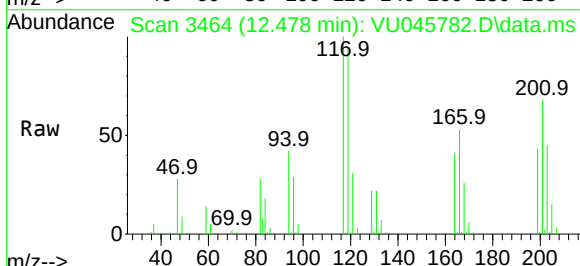
Manual Integrations
APPROVED

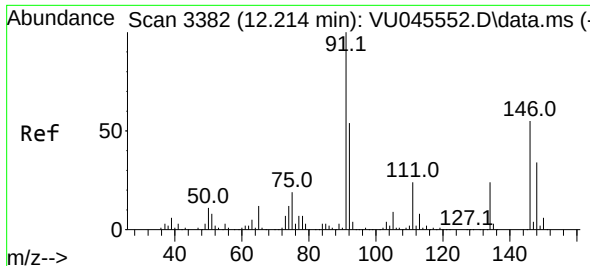
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 46.233 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

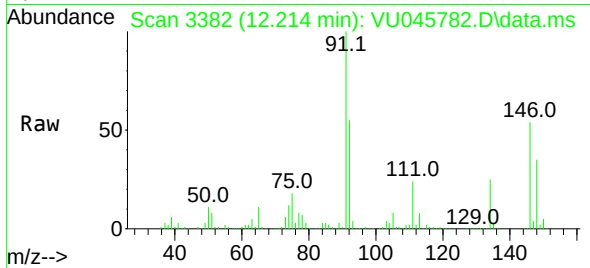
Tgt Ion:117 Resp: 49716
Ion Ratio Lower Upper
117 100
201 70.4 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 50.117 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

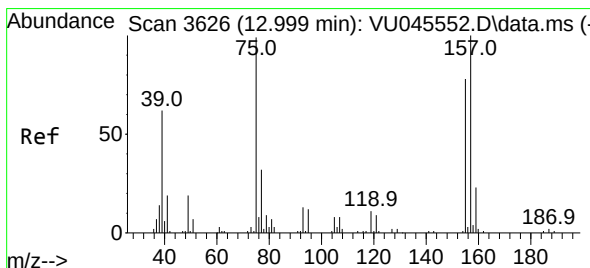
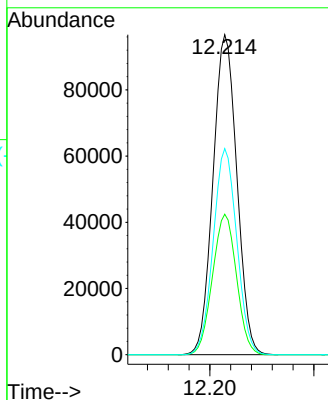
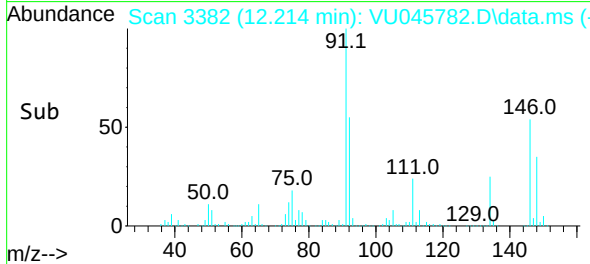
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 15425
Ion Ratio Lower Upper
146 100
111 44.2 21.9 65.5
148 63.8 32.1 96.3

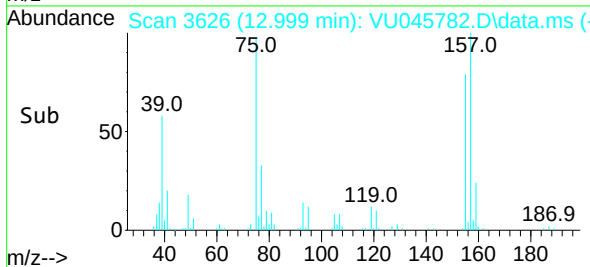
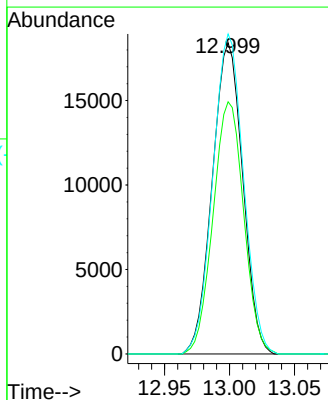
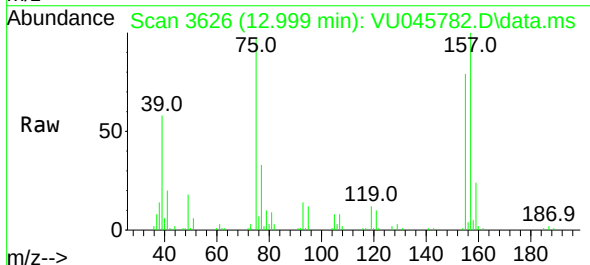
Manual Integrations
APPROVED

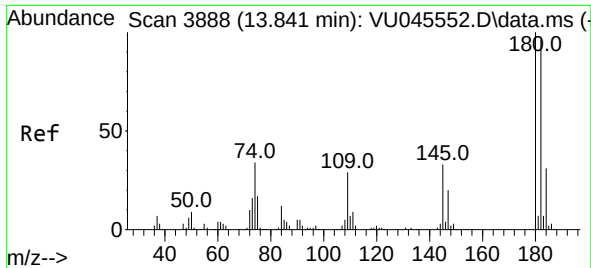
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.663 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

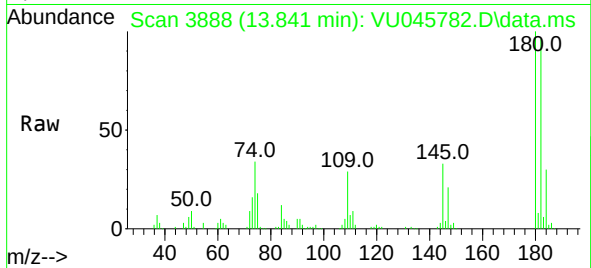
Tgt Ion: 75 Resp: 29983
Ion Ratio Lower Upper
75 100
155 81.4 37.8 113.3
157 103.4 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 46.822 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

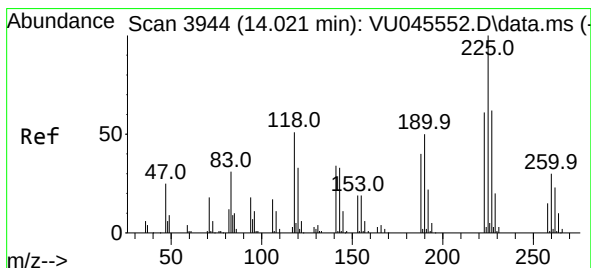
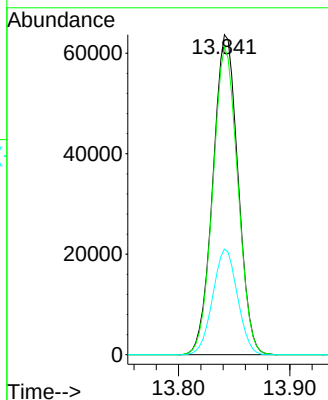
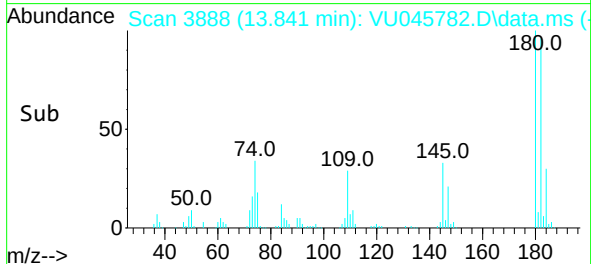
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



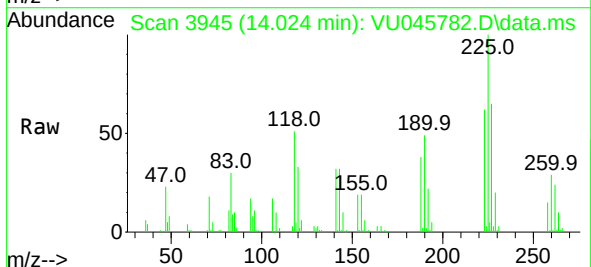
Tgt Ion:180 Resp: 9964
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.2
145 32.5 15.6 46.7

Manual Integrations
APPROVED

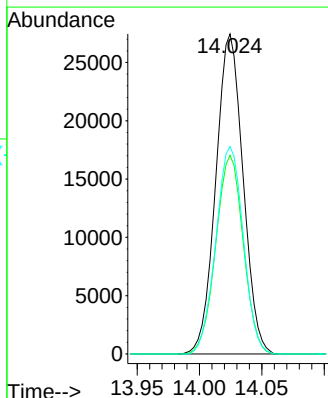
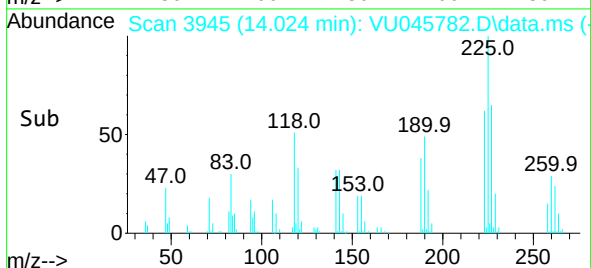
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

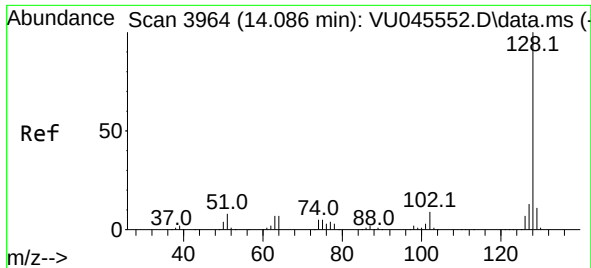


#94
Hexachlorobutadiene
Concen: 45.432 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12



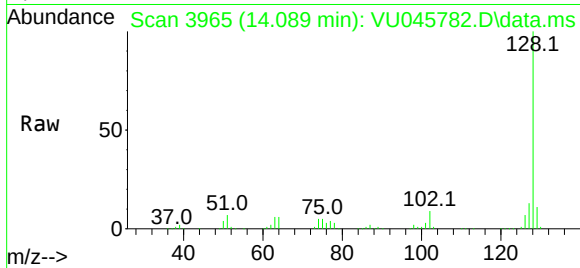
Tgt Ion:225 Resp: 41736
Ion Ratio Lower Upper
225 100
223 62.7 32.0 96.2
227 65.4 31.1 93.5





#95
Naphthalene
Concen: 47.162 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12

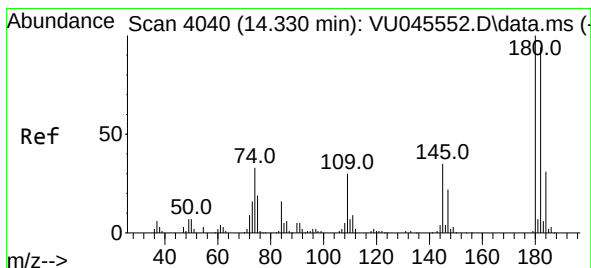
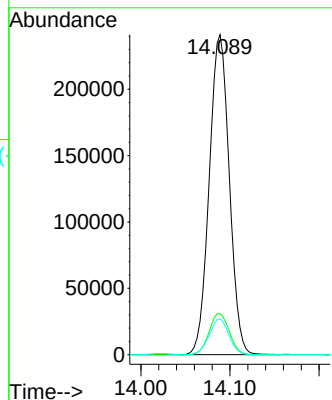
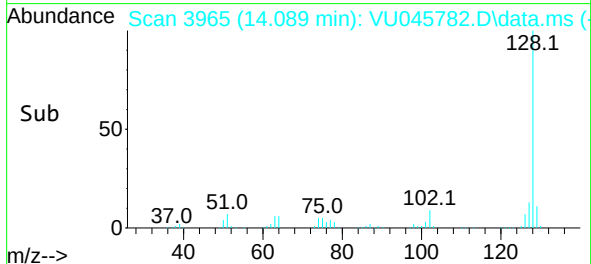
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



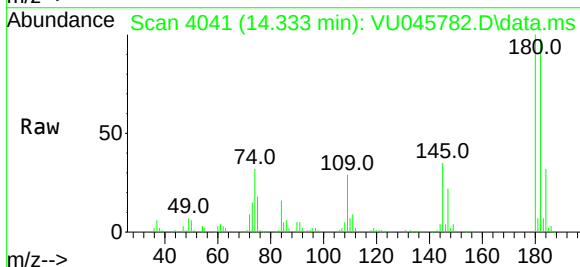
Tgt Ion:128 Resp: 376848
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.104 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045782.D
Acq: 12 Nov 2021 20:12



Tgt Ion:180 Resp: 103798
Ion Ratio Lower Upper
180 100
182 96.4 47.7 143.1
145 34.7 16.7 50.0

