

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044956.D
 Acq On : 28 Sep 2021 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

Quant Time: Sep 29 05:48:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	161174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	296675	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	283492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	141673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	125034	46.603	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.200%		
35) Dibromofluoromethane	5.295	113	87599	46.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	7.902	98	345916	46.779	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.560%		
62) 4-Bromofluorobenzene	10.635	95	131832	43.182	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	92680	46.436	ug/l	100
3) Chloromethane	1.523	50	110488	42.738	ug/l	100
4) Vinyl Chloride	1.607	62	124705	48.310	ug/l	99
5) Bromomethane	1.854	94	81865	80.850	ug/l	98
6) Chloroethane	1.935	64	78759	39.717	ug/l	98
7) Trichlorofluoromethane	2.141	101	159363	46.749	ug/l	99
8) Diethyl Ether	2.382	74	72521	46.420	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.584	101	87810	45.294	ug/l	99
10) Methyl Iodide	2.726	142	90791	43.877	ug/l	98
11) Tert butyl alcohol	3.179	59	118351	153.699	ug/l	99
12) 1,1-Dichloroethene	2.584	96	90877	47.557	ug/l	93
13) Acrolein	2.488	56	32110	214.323	ug/l	99
14) Allyl chloride	2.928	41	157533	44.546	ug/l	93
15) Acrylonitrile	3.317	53	337249	217.167	ug/l	99
16) Acetone	2.629	43	276546	173.651	ug/l	100
17) Carbon Disulfide	2.797	76	259819	46.059	ug/l	99
18) Methyl Acetate	2.951	43	200834	43.148	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	342722	46.461	ug/l	100
20) Methylene Chloride	3.051	84	107884	44.976	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	98307	47.028	ug/l	94
22) Diisopropyl ether	3.999	45	329382	45.621	ug/l	97
23) Vinyl Acetate	3.960	43	1385753	235.991	ug/l	98
24) 1,1-Dichloroethane	3.877	63	195751	47.229	ug/l	100
25) 2-Butanone	4.703	43	453435	200.402	ug/l	97
26) 2,2-Dichloropropane	4.671	77	139636	39.849	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	116129	47.037	ug/l	98
28) Bromochloromethane	4.980	49	83129	48.390	ug/l	93
29) Tetrahydrofuran	5.054	42	293299	217.760	ug/l	95
30) Chloroform	5.095	83	192844	46.163	ug/l	98
31) Cyclohexane	5.391	56	177435	43.538	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	161018	46.715	ug/l	98
36) 1,1-Dichloropropene	5.533	75	144371	46.533	ug/l	99
37) Ethyl Acetate	4.806	43	179228	43.661	ug/l	98
38) Carbon Tetrachloride	5.530	117	127694	47.564	ug/l	98
39) Methylcyclohexane	6.767	83	172569	45.309	ug/l	96
40) Benzene	5.780	78	422271	45.698	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	94684	44.804	ug/l	97
42) 1,2-Dichloroethane	5.800	62	166106	45.736	ug/l	99
43) Isopropyl Acetate	5.915	43	272043	44.050	ug/l	98
44) Trichloroethene	6.546	130	102885	47.224	ug/l	99
45) 1,2-Dichloropropane	6.796	63	112447	45.900	ug/l	98
46) Dibromomethane	6.922	93	76944	46.623	ug/l	99
47) Bromodichloromethane	7.108	83	152796	47.683	ug/l	99
48) Methyl methacrylate	6.964	41	130961	43.566	ug/l	95
49) 1,4-Dioxane	6.967	88	36041	448.735	ug/l	95
51) 4-Methyl-2-Pentanone	7.793	43	914952	203.503	ug/l	99
52) Toluene	7.973	92	269831	46.657	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	169427	46.237	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	179423	47.007	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	109019	45.242	ug/l	99
56) Ethyl methacrylate	8.336	69	188332	40.606	ug/l	98
57) 1,3-Dichloropropane	8.581	76	193420	44.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	268628	185.782	ug/l	97
59) 2-Hexanone	8.687	43	713745	194.945	ug/l	98
60) Dibromochloromethane	8.812	129	107561	42.442	ug/l	99
61) 1,2-Dibromoethane	8.928	107	117255	45.777	ug/l	99
64) Tetrachloroethene	8.555	164	90172	48.734	ug/l	97
65) Chlorobenzene	9.449	112	274362	46.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	94646	45.611	ug/l	99
67) Ethyl Benzene	9.574	91	518805	47.435	ug/l	99
68) m/p-Xylenes	9.697	106	397850	93.631	ug/l	98
69) o-Xylene	10.105	106	194948	46.227	ug/l	99
70) Styrene	10.118	104	328915	46.491	ug/l	98
71) Bromoform	10.295	173	77570	39.238	ug/l #	99
73) Isopropylbenzene	10.488	105	505796	47.942	ug/l	100
74) N-amyl acetate	10.324	43	239212	45.030	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	189914	41.603	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	167274m	40.479	ug/l	
77) Bromobenzene	10.787	156	115051	45.161	ug/l	99
78) n-propylbenzene	10.909	91	626210	48.706	ug/l	99
79) 2-Chlorotoluene	10.989	91	366057	45.422	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	435940	47.167	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	58171	39.066	ug/l	99
82) 4-Chlorotoluene	11.098	91	426965	46.872	ug/l	100
83) tert-Butylbenzene	11.423	119	409749	45.579	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	437284	47.823	ug/l	100
85) sec-Butylbenzene	11.648	105	548390	47.369	ug/l	99
86) p-Isopropyltoluene	11.796	119	451103	48.440	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	221455	45.392	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	227235	45.531	ug/l	99
89) n-Butylbenzene	12.211	91	423723	49.400	ug/l	98
90) Hexachloroethane	12.481	117	75215	44.727	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	223276	44.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	49000	45.493	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	139609	50.232	ug/l	99
94) Hexachlorobutadiene	14.024	225	52037	44.852	ug/l	99
95) Naphthalene	14.089	128	528854	50.593	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	139704	50.051	ug/l	99

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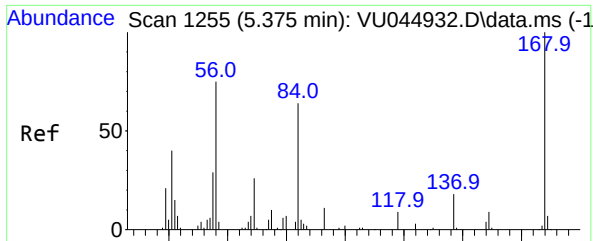
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



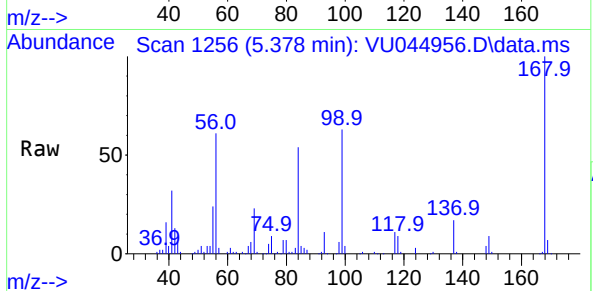
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU044956.D
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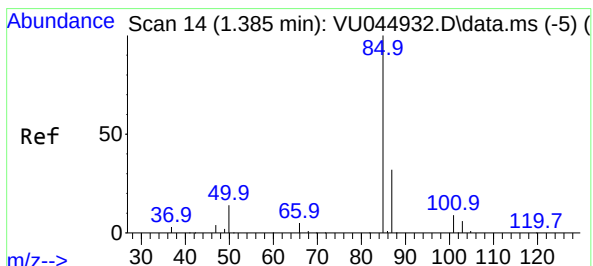
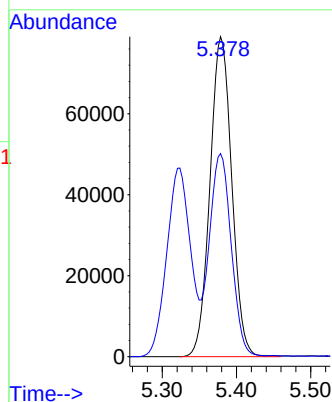
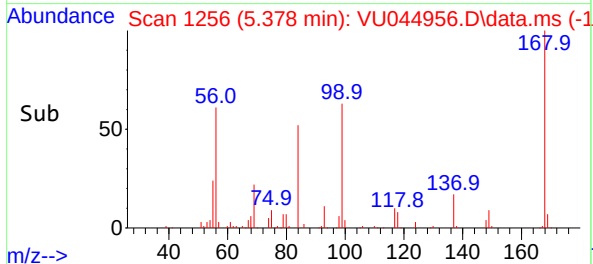


Tgt Ion:168 Resp: 161174
Ion Ratio Lower Upper
168 100
99 63.2 51.4 77.0

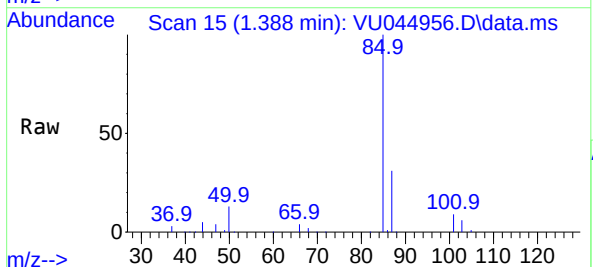
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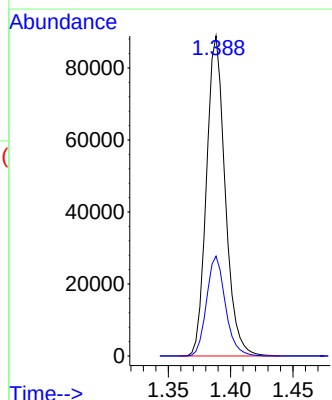
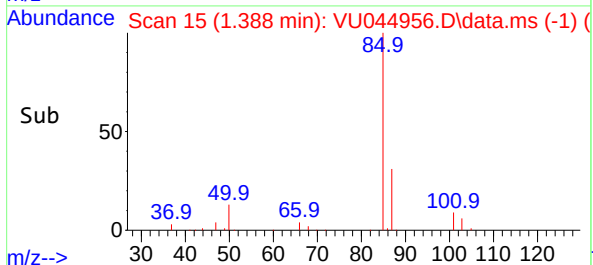
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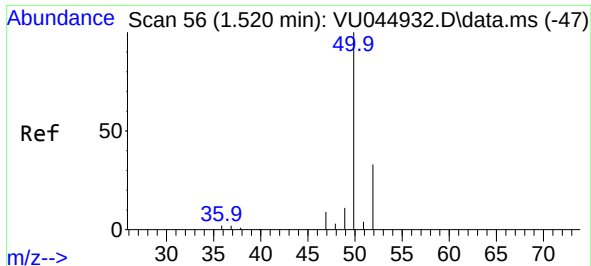


#2
Dichlorodifluoromethane
Concen: 46.436 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



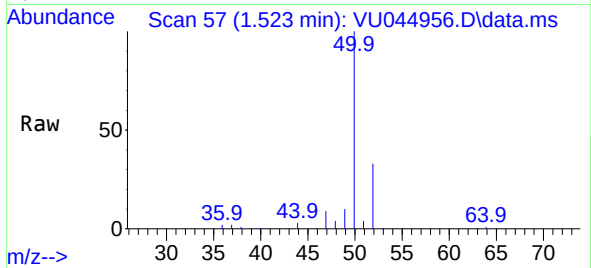
Tgt Ion: 85 Resp: 92680
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0





#3
Chloromethane
Concen: 42.738 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

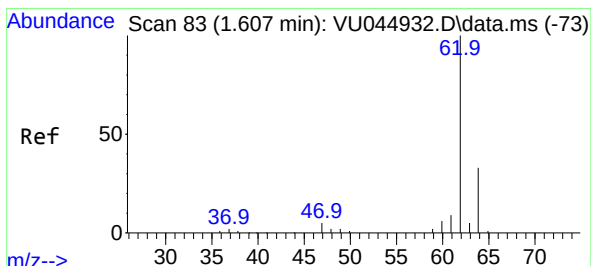
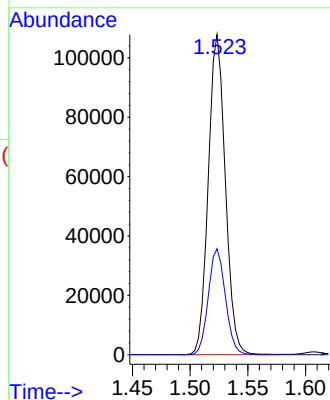
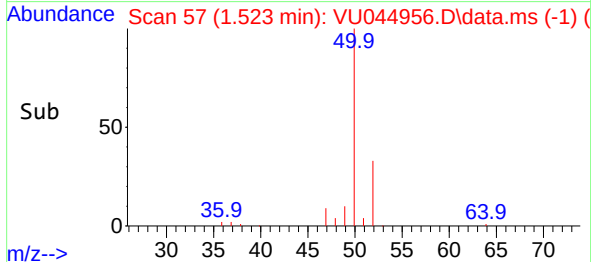
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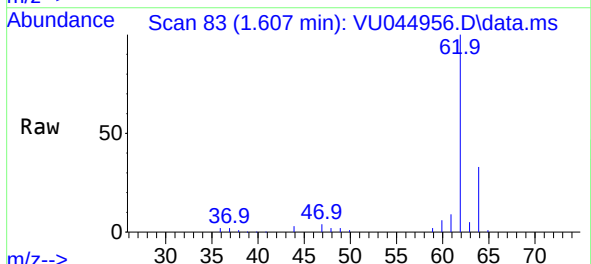
Tgt Ion: 50 Resp: 110488
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5

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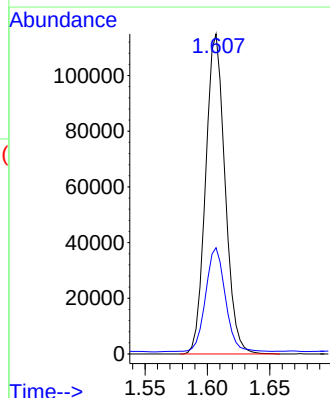
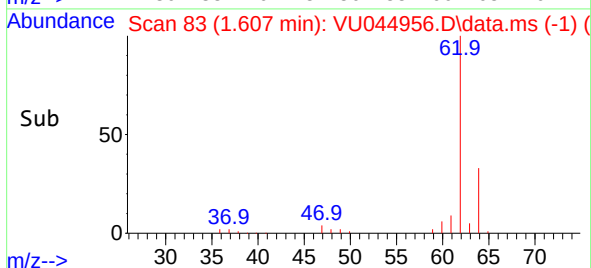
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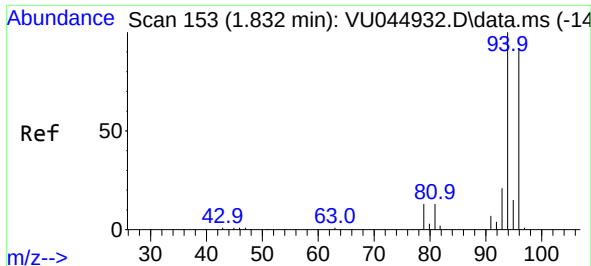


#4
Vinyl Chloride
Concen: 48.310 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



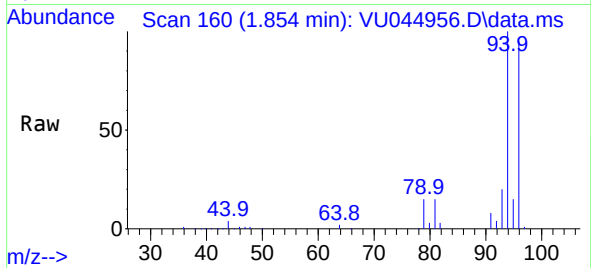
Tgt Ion: 62 Resp: 124705
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4





#5
Bromomethane
Concen: 80.850 ug/l
RT: 1.854 min Scan# 10
Delta R.T. 0.022 min
Lab File: VU044956.D
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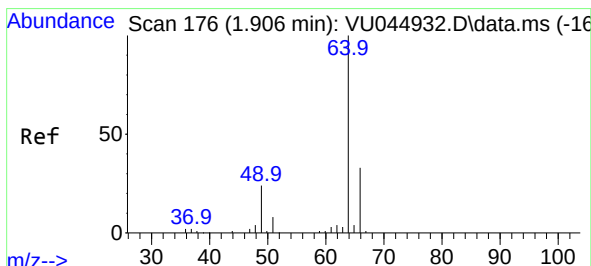
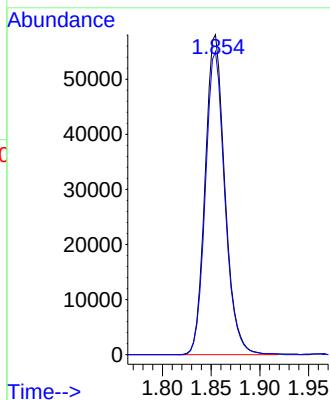
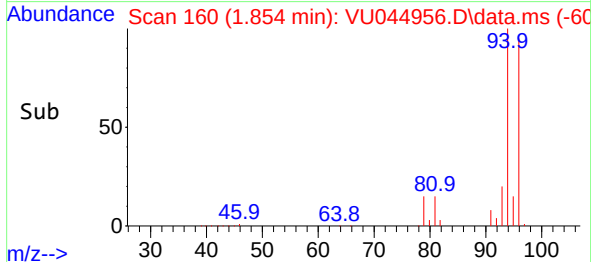
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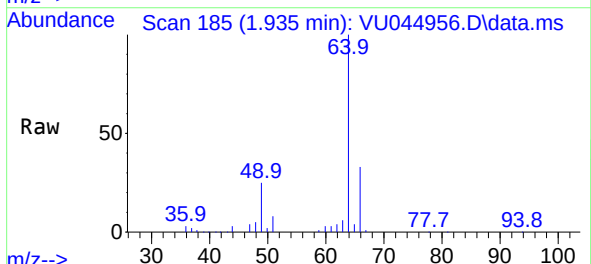
Tgt Ion: 94 Resp: 8186
Ion Ratio Lower Upper
94 100
96 94.7 74.5 111.7

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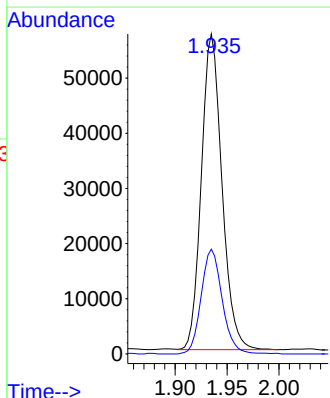
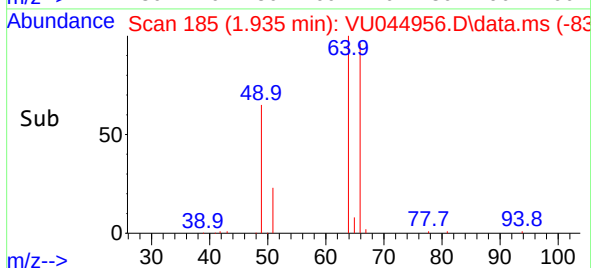
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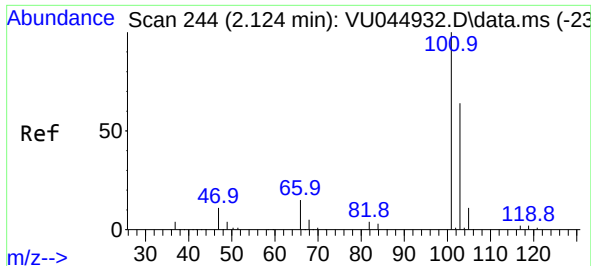


#6
Chloroethane
Concen: 39.717 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.029 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



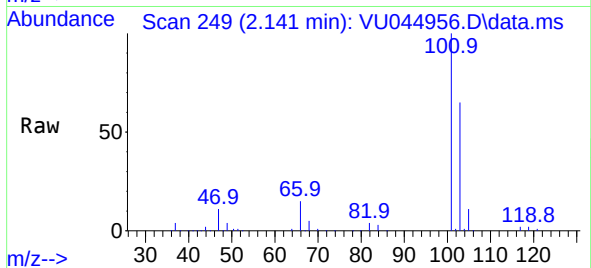
Tgt Ion: 64 Resp: 78759
Ion Ratio Lower Upper
64 100
66 33.2 25.8 38.8





#7
Trichlorofluoromethane
Concen: 46.749 ug/l
RT: 2.141 min Scan# 244
Delta R.T. 0.017 min
Lab File: VU044956.D
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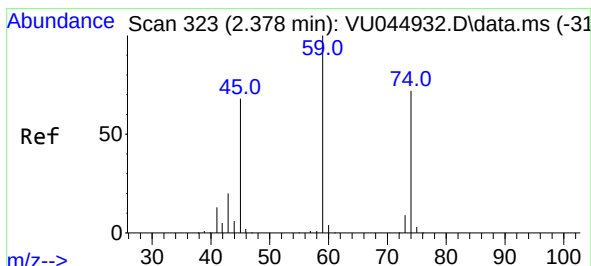
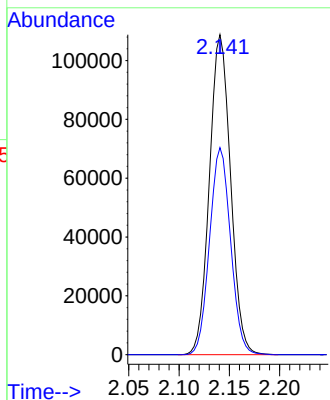
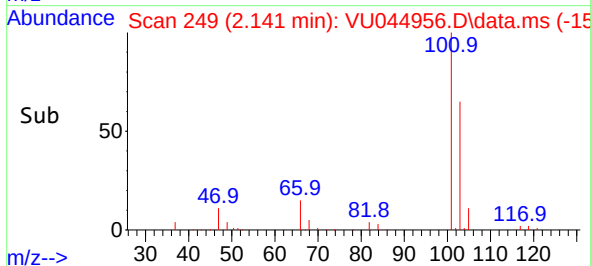
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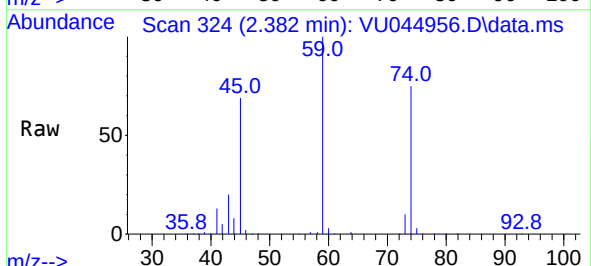
Tgt Ion:101 Resp: 15936
Ion Ratio Lower Upper
101 100
103 64.7 51.2 76.8

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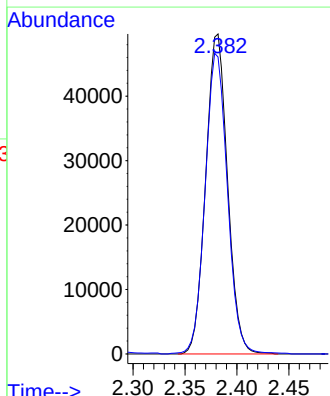
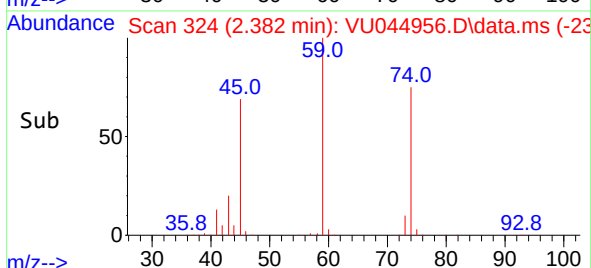
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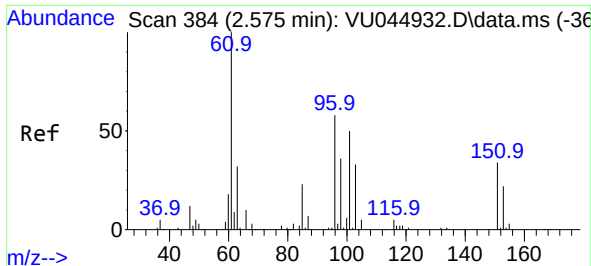


#8
Diethyl Ether
Concen: 46.420 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.004 min
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Tgt Ion: 74 Resp: 72521
Ion Ratio Lower Upper
74 100
45 95.9 52.2 156.6





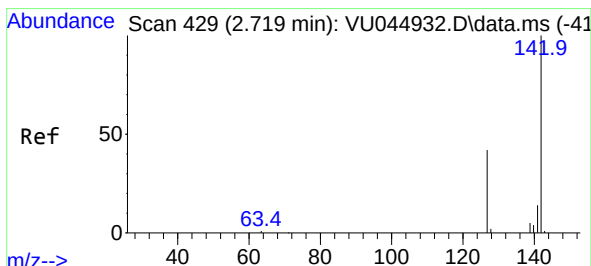
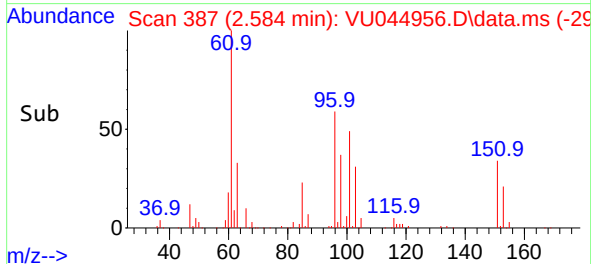
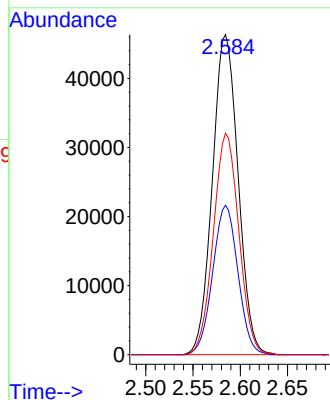
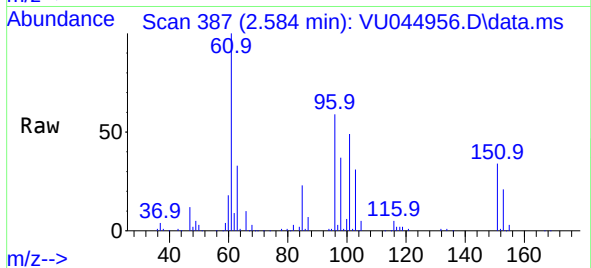
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1,1,2-Trichlorotrifluoroethane
Concen: 45.294 ug/l
RT: 2.584 min Scan# 384
Delta R.T. 0.009 min
Lab File: VU044956.D
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MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 87810
Ion Ratio Lower Upper
101 100
85 45.8 37.2 55.8
151 68.6 55.8 83.8

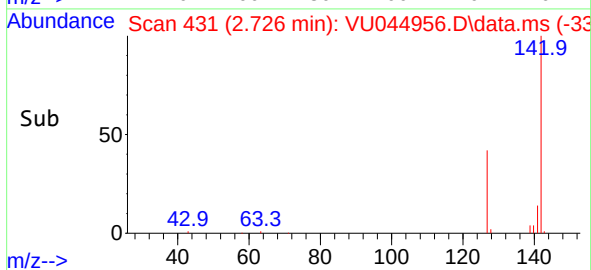
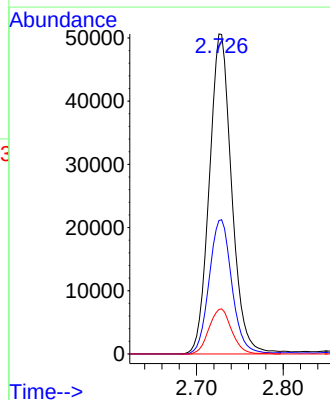
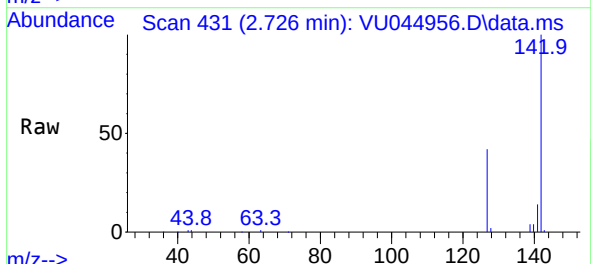
Manual Integrations
APPROVED

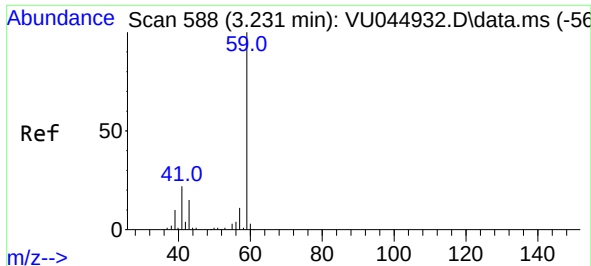
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 43.877 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

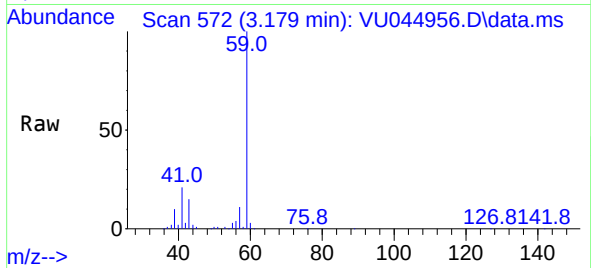
Tgt Ion:142 Resp: 90791
Ion Ratio Lower Upper
142 100
127 42.6 35.6 53.4
141 14.2 11.3 16.9





#11
Tert butyl alcohol
Concen: 153.699 ug/l
RT: 3.179 min Scan# 511
Delta R.T. -0.052 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

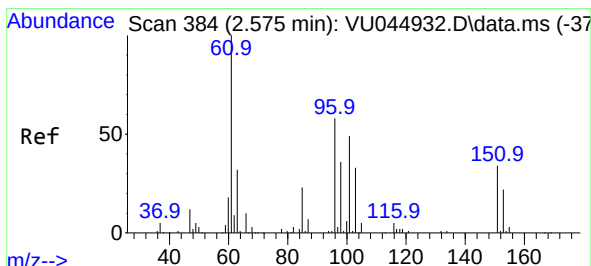
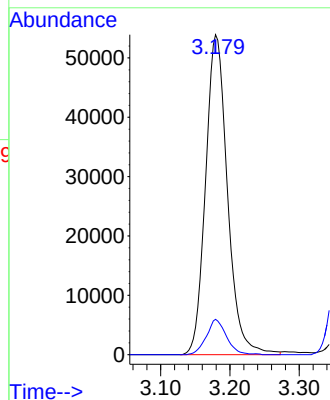
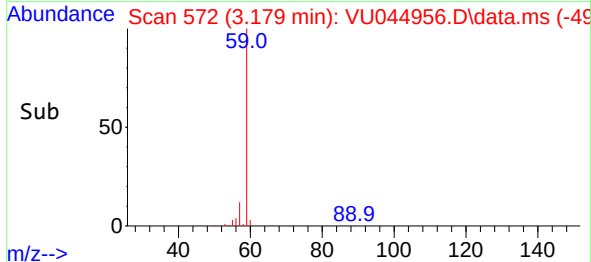
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



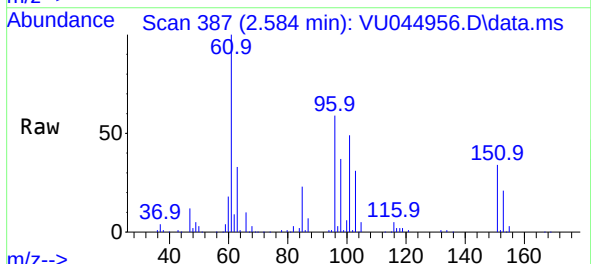
Tgt Ion: 59 Resp: 11835
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

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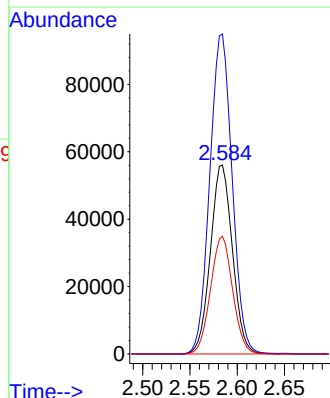
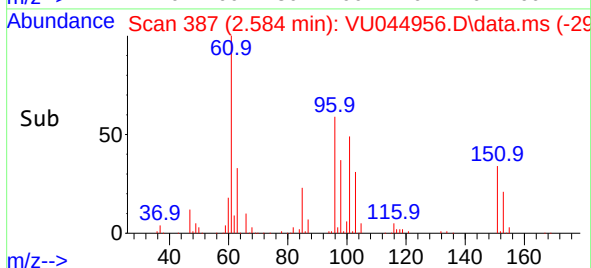
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

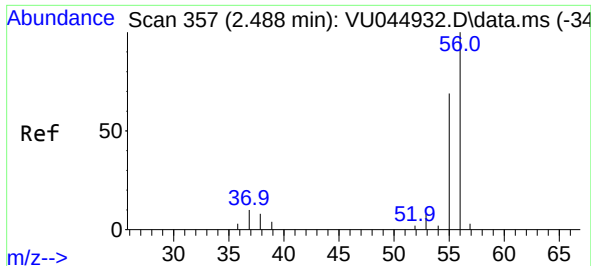


#12
1,1-Dichloroethene
Concen: 47.557 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



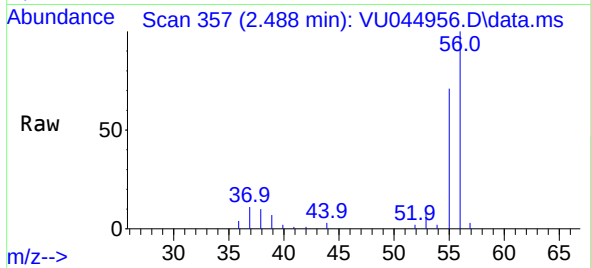
Tgt Ion: 96 Resp: 90877
Ion Ratio Lower Upper
96 100
61 169.3 145.4 218.0
98 62.3 50.9 76.3





#13
Acrolein
Concen: 214.323 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

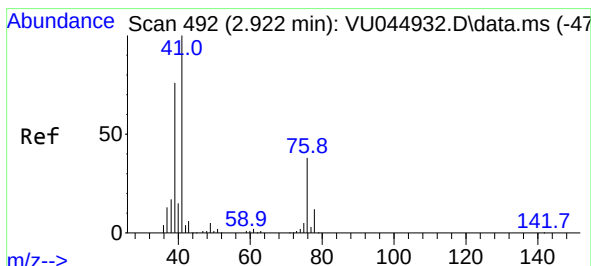
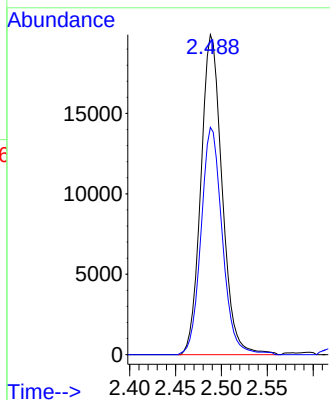
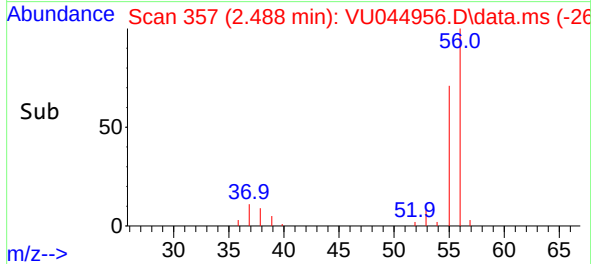
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



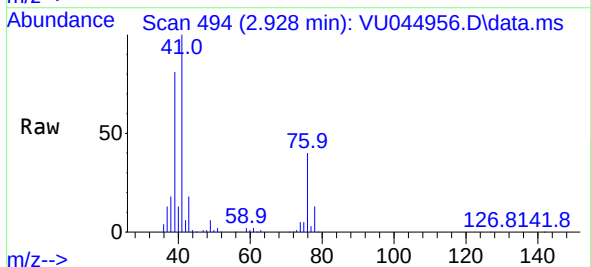
Tgt Ion: 56 Resp: 32110
Ion Ratio Lower Upper
56 100
55 70.9 57.4 86.0

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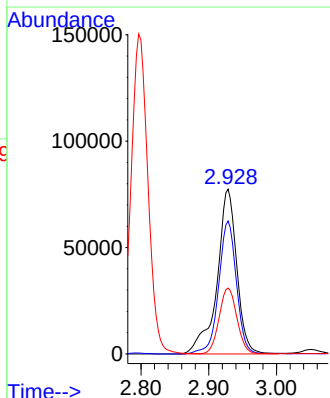
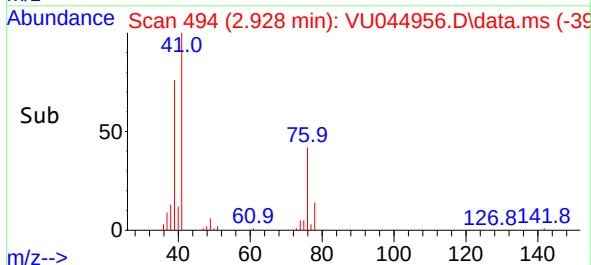
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

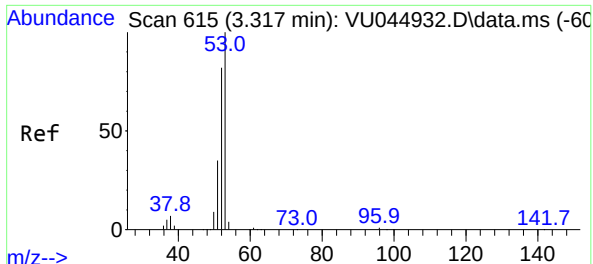


#14
Allyl chloride
Concen: 44.546 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



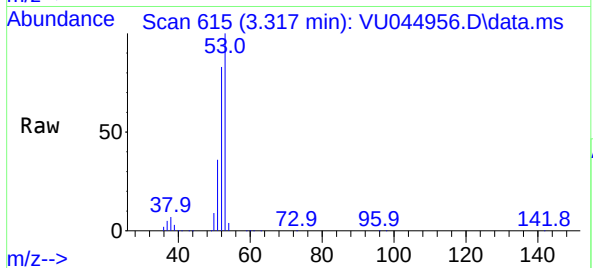
Tgt Ion: 41 Resp: 157533
Ion Ratio Lower Upper
41 100
39 72.2 53.0 79.6
76 35.7 25.7 38.5





#15
Acrylonitrile
Concen: 217.167 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

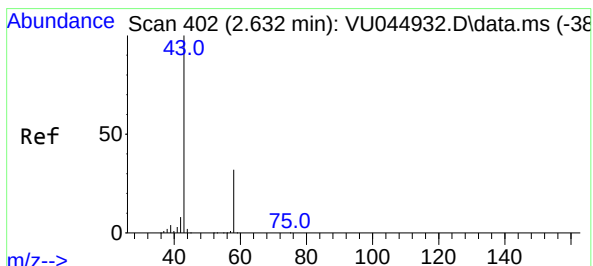
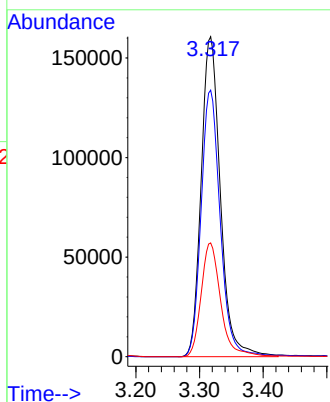
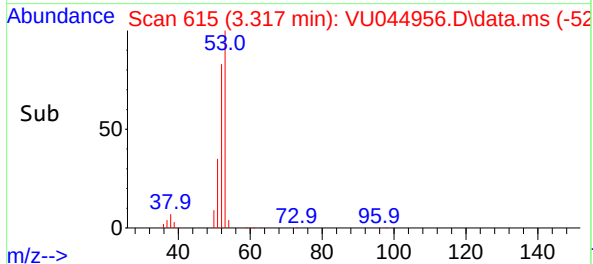
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



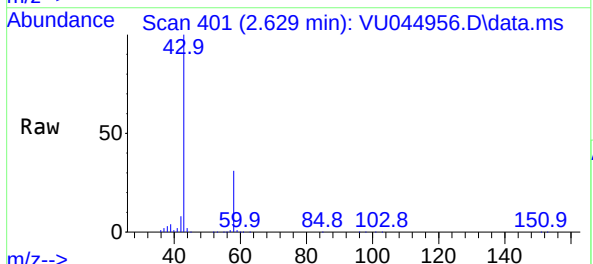
Tgt Ion: 53 Resp: 337249
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.2 28.6 42.8

Manual Integrations
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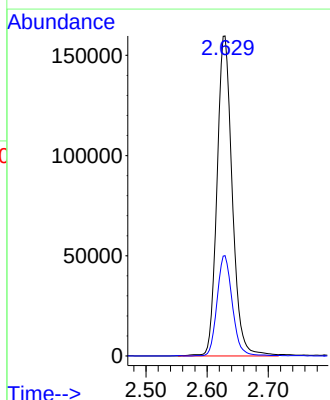
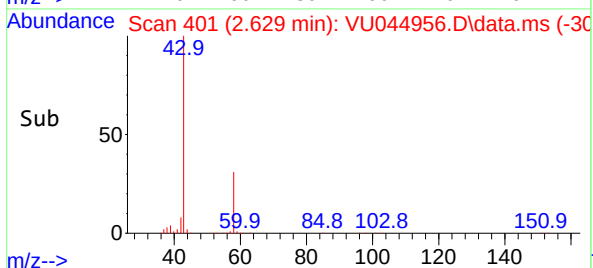
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

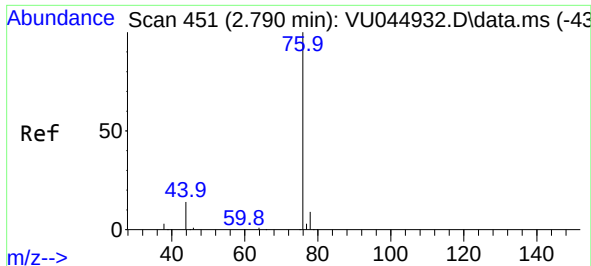


#16
Acetone
Concen: 173.651 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



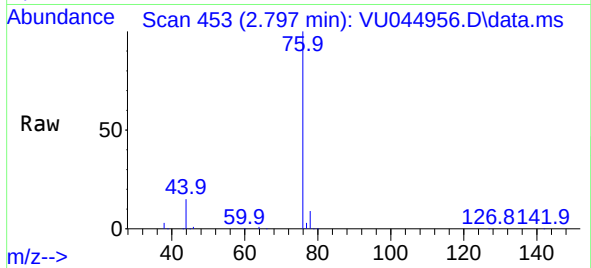
Tgt Ion: 43 Resp: 276546
Ion Ratio Lower Upper
43 100
58 31.3 25.2 37.8





#17
Carbon Disulfide
Concen: 46.059 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.007 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

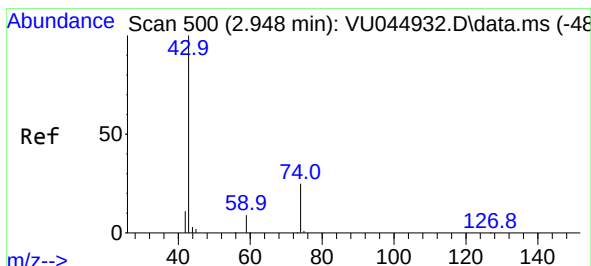
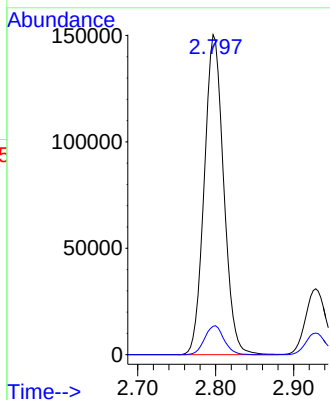
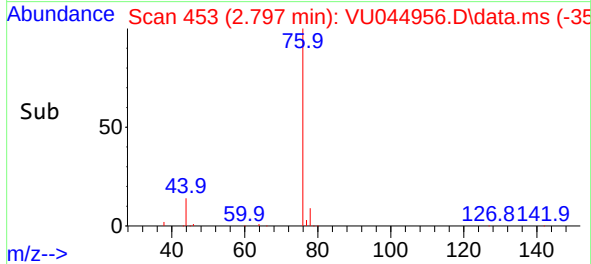
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



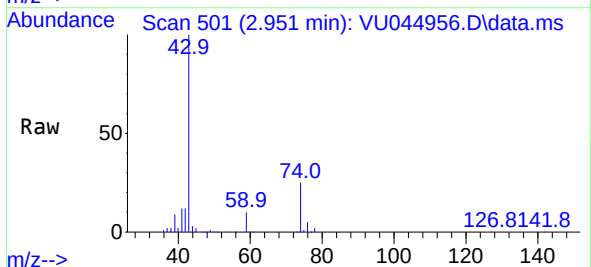
Tgt Ion: 76 Resp: 259819
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

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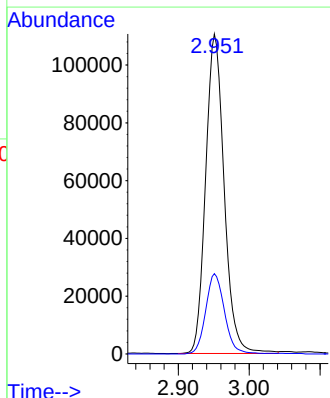
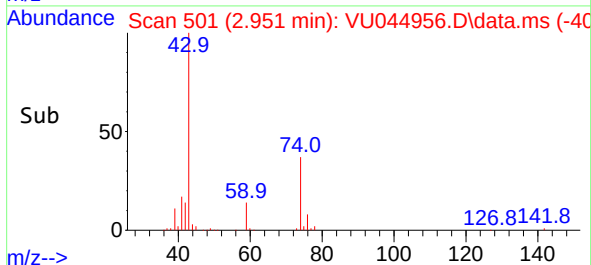
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

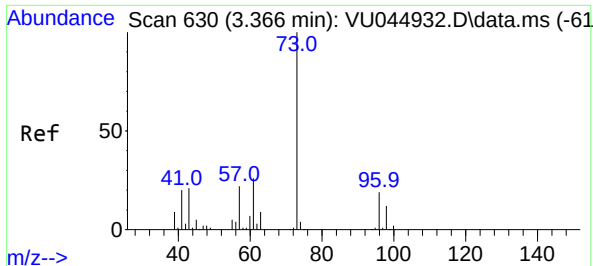


#18
Methyl Acetate
Concen: 43.148 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



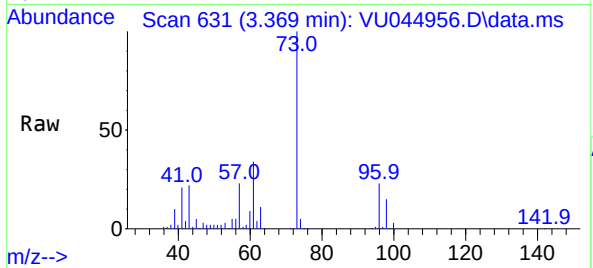
Tgt Ion: 43 Resp: 200834
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 46.461 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

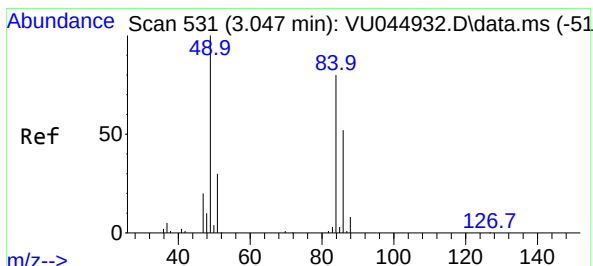
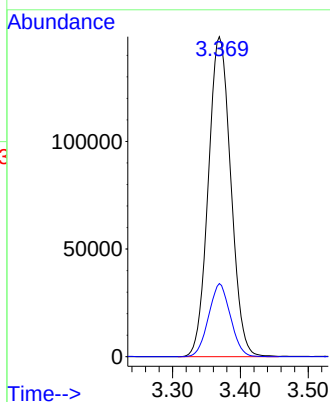
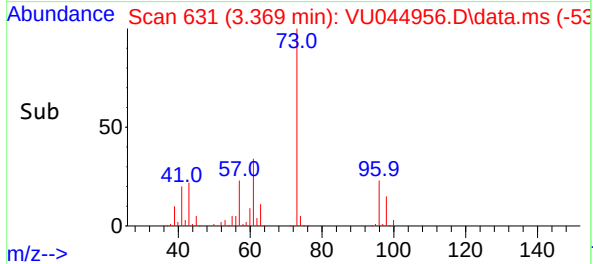
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 34272
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.2

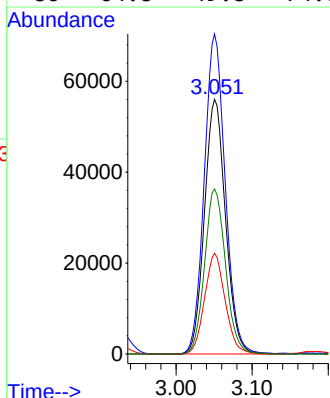
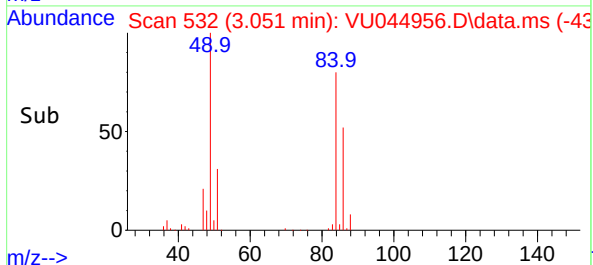
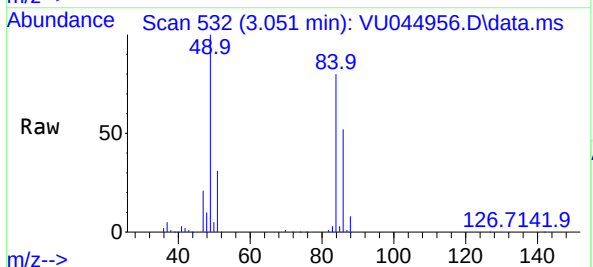
Manual Integrations
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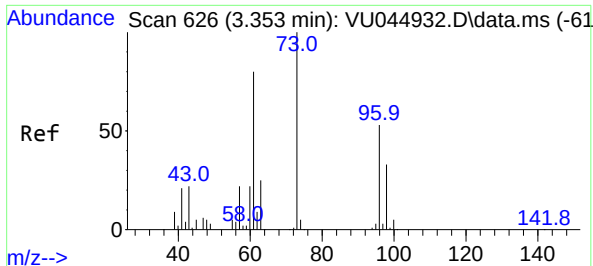
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#20
Methylene Chloride
Concen: 44.976 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.004 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion: 84 Resp: 107884
Ion Ratio Lower Upper
84 100
49 125.6 104.9 157.3
51 39.5 31.8 47.8
86 64.8 49.8 74.6





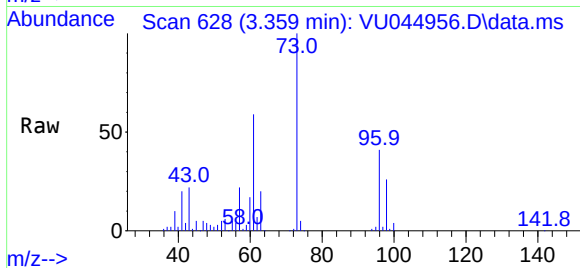
#21
trans-1,2-Dichloroethene
Concen: 47.028 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

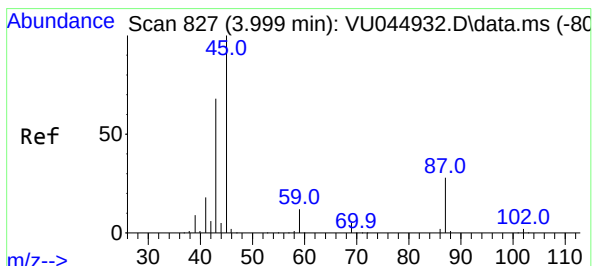
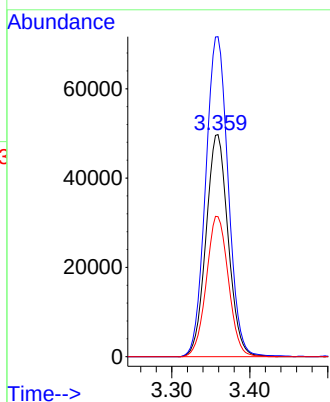
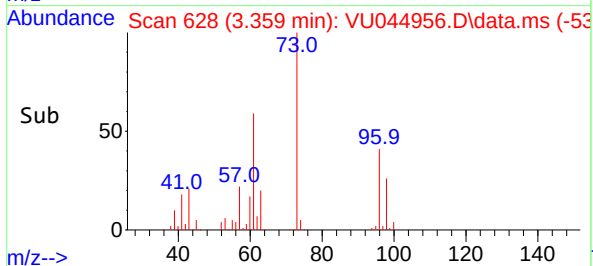


Tgt Ion: 96 Resp: 9830
Ion Ratio Lower Upper
96 100
61 144.1 123.2 184.8
98 63.0 51.0 76.6

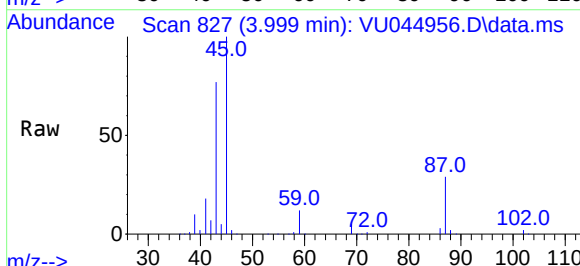
Manual Integrations

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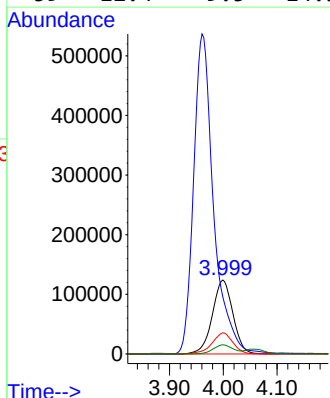
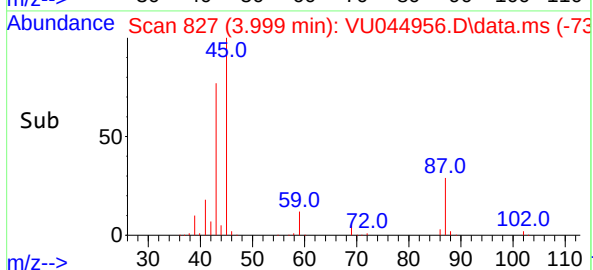
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

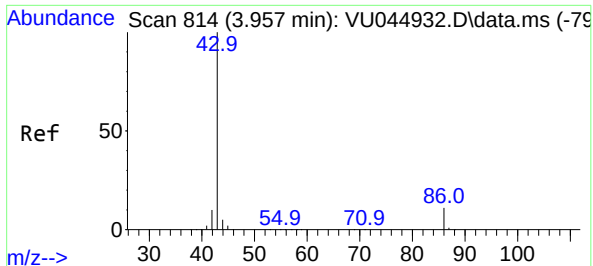


#22
Diisopropyl ether
Concen: 45.621 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



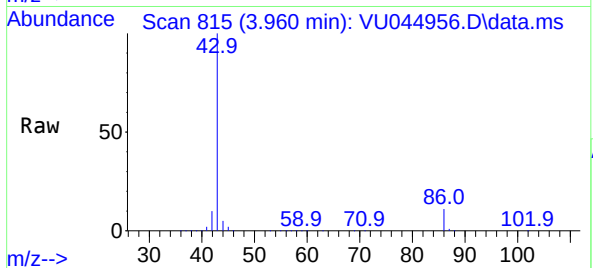
Tgt Ion: 45 Resp: 329382
Ion Ratio Lower Upper
45 100
43 76.0 62.3 93.5
87 28.5 21.0 31.4
59 12.4 9.5 14.3





#23
 Vinyl Acetate
 Concen: 235.991 ug/l
 RT: 3.960 min Scan# 815
 Delta R.T. 0.003 min
 Lab File: VU044956.D
 Acq: 28 Sep 2021 21:02

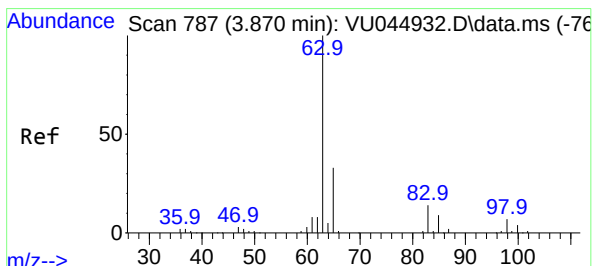
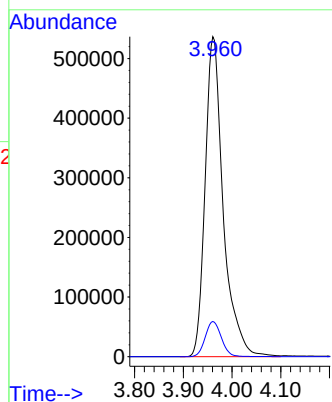
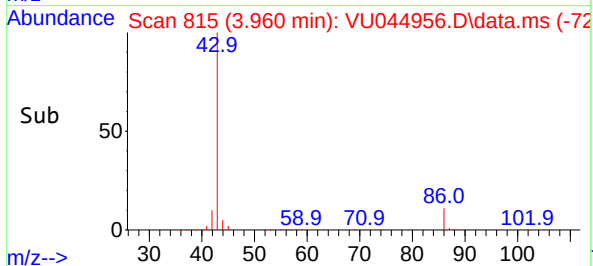
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



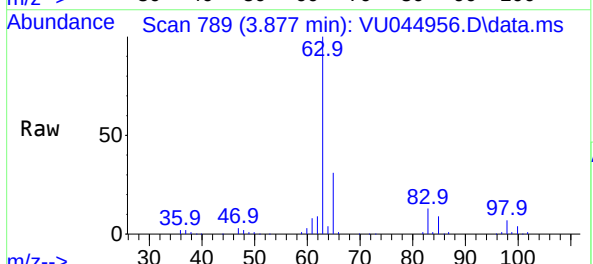
Tgt Ion: 43 Resp: 138575
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.4

Manual Integrations
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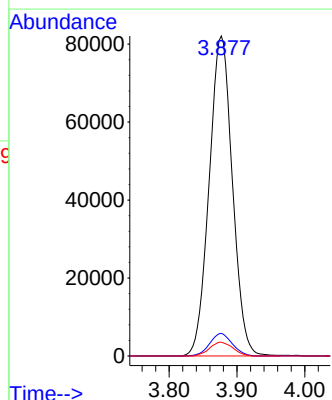
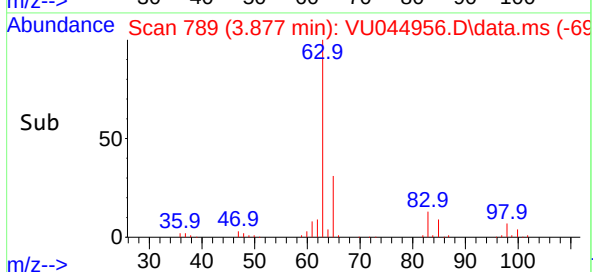
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

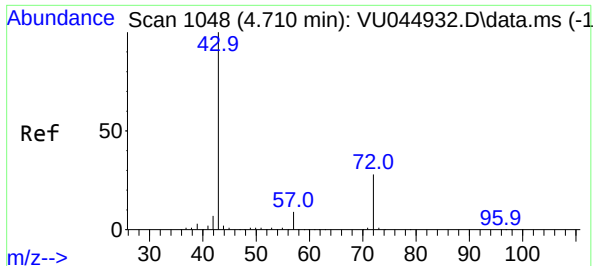


#24
 1,1-Dichloroethane
 Concen: 47.229 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.007 min
 Lab File: VU044956.D
 Acq: 28 Sep 2021 21:02



Tgt Ion: 63 Resp: 195751
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.3 2.1 6.3





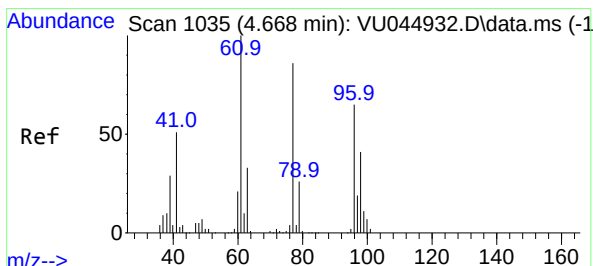
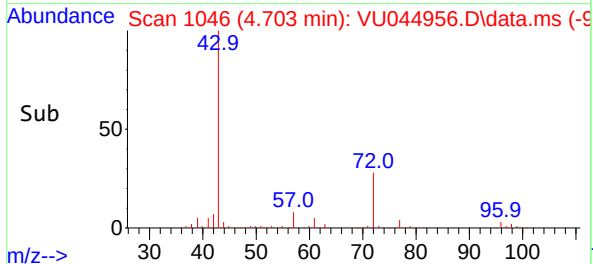
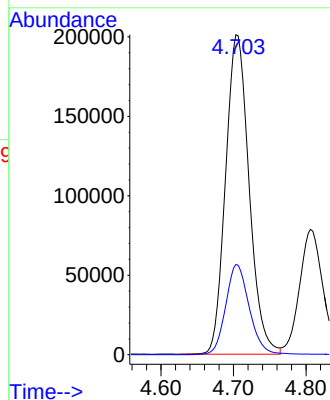
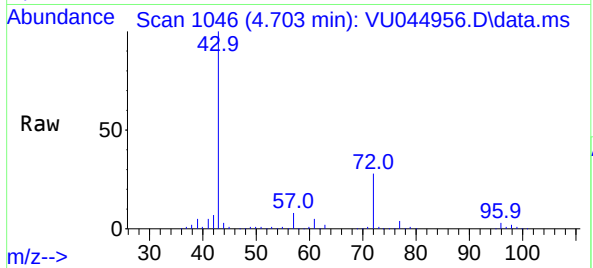
#25
2-Butanone
Concen: 200.402 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45343
Ion Ratio Lower Upper
43 100
72 28.2 21.3 31.9

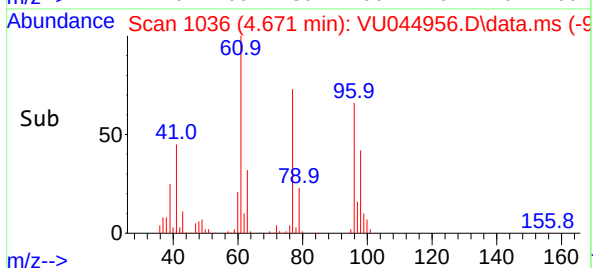
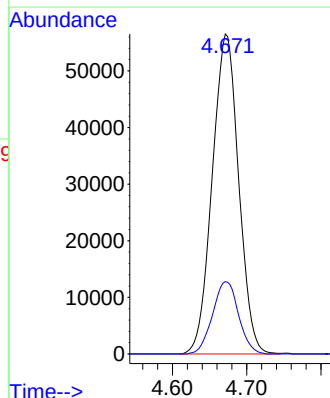
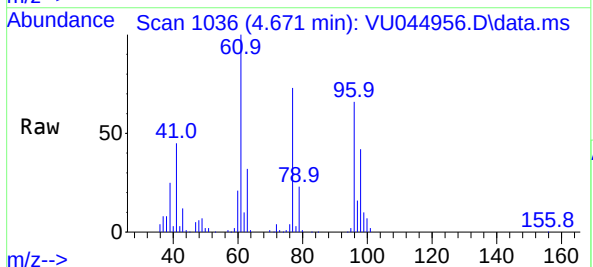
Manual Integrations
APPROVED

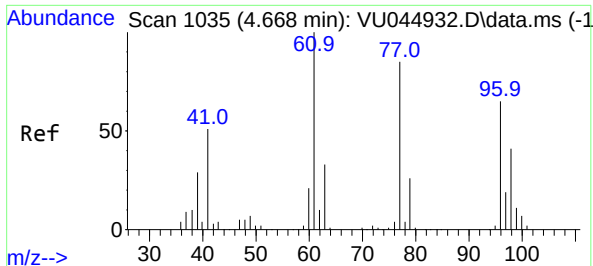
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#26
2,2-Dichloropropane
Concen: 39.849 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion: 77 Resp: 139636
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 47.037 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

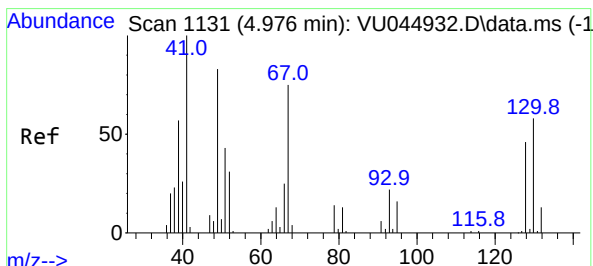
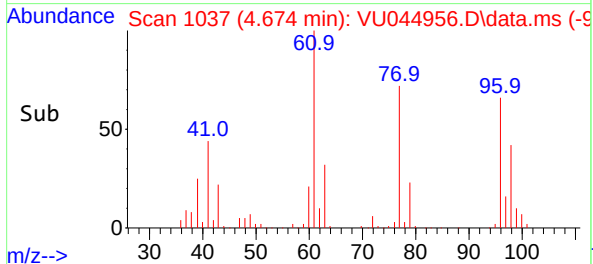
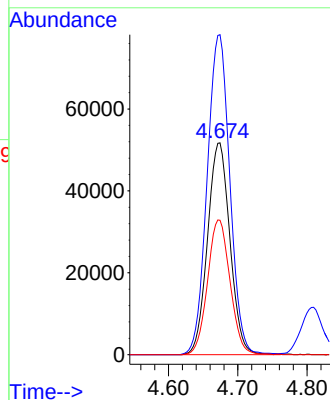
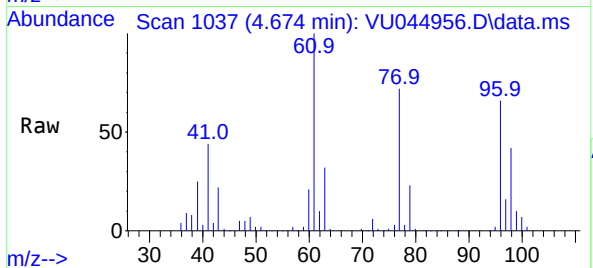
VSTDCCC050EC

Tgt Ion: 96 Resp: 116129
Ion Ratio Lower Upper
96 100
61 153.0 0.0 313.4
98 63.8 0.0 127.0

Manual Integrations

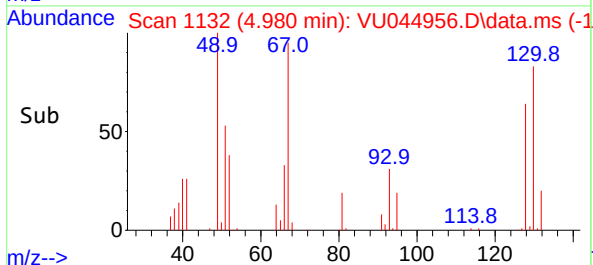
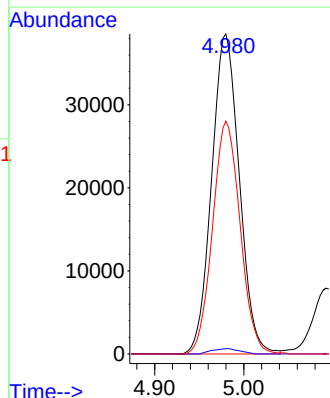
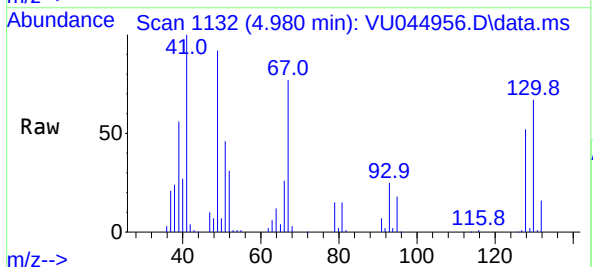
APPROVED

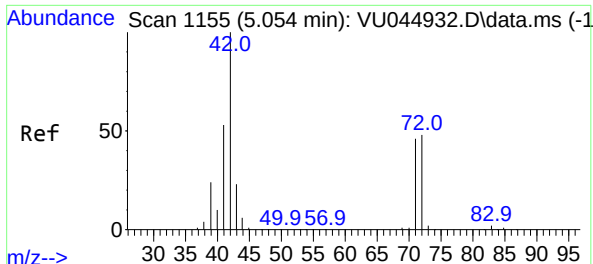
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#28
Bromochloromethane
Concen: 48.390 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.004 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

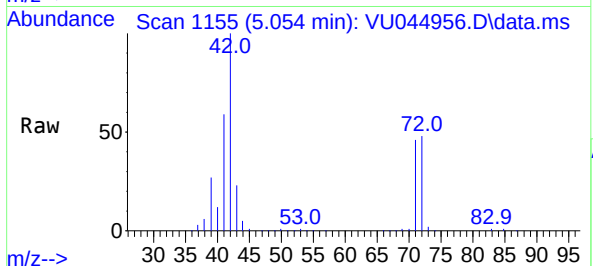
Tgt Ion: 49 Resp: 83129
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.2
130 72.5 53.4 80.2





#29
Tetrahydrofuran
Concen: 217.760 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

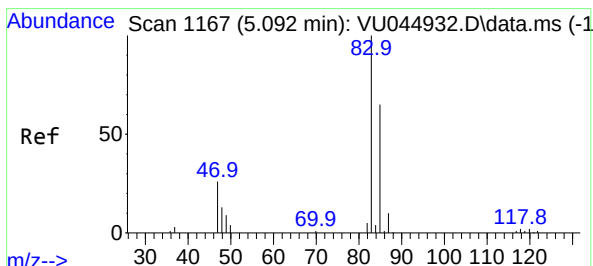
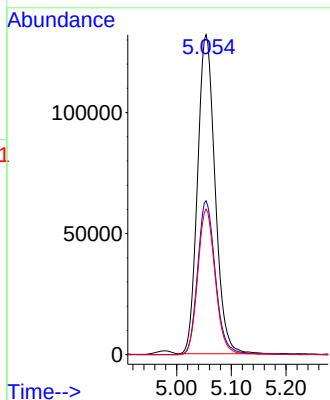
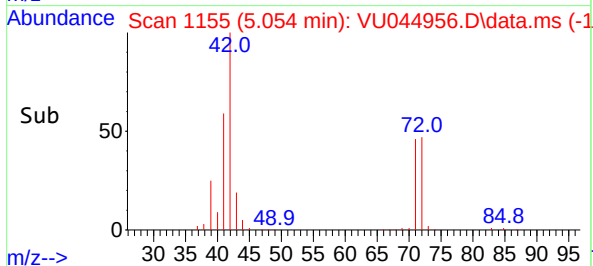
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



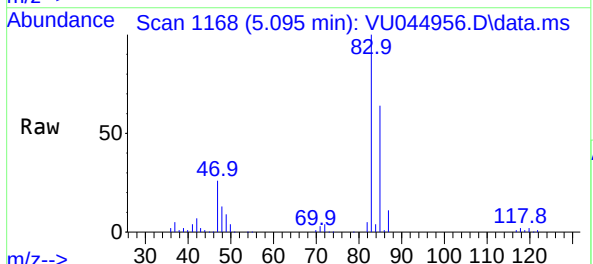
Tgt Ion: 42 Resp: 293299
Ion Ratio Lower Upper
42 100
72 49.0 36.2 54.4
71 45.2 34.1 51.1

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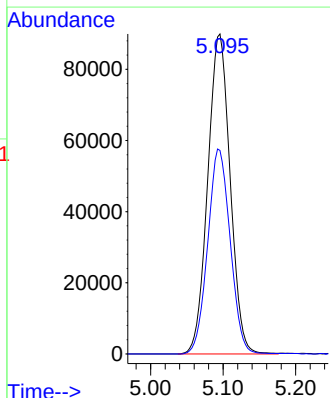
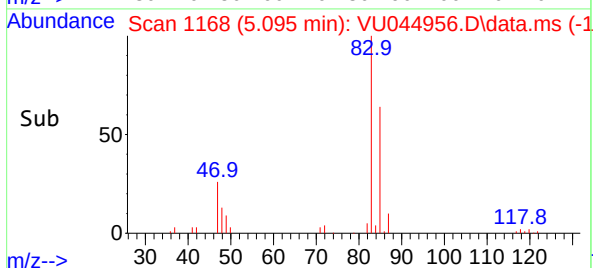
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

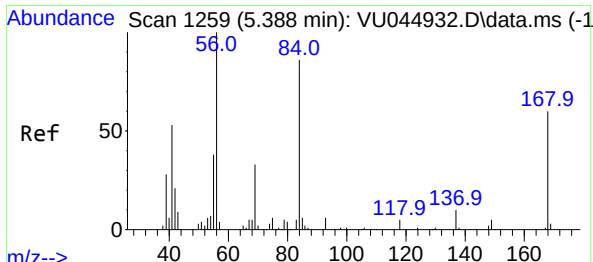


#30
Chloroform
Concen: 46.163 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



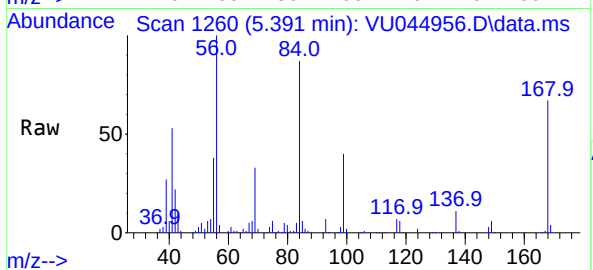
Tgt Ion: 83 Resp: 192844
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1





#31
Cyclohexane
Concen: 43.538 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

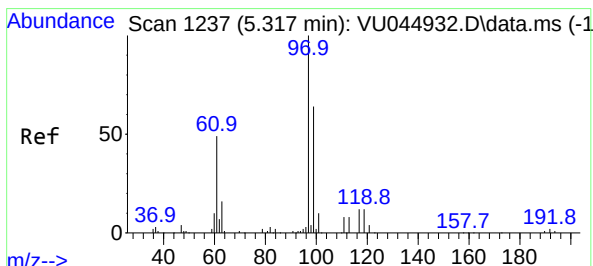
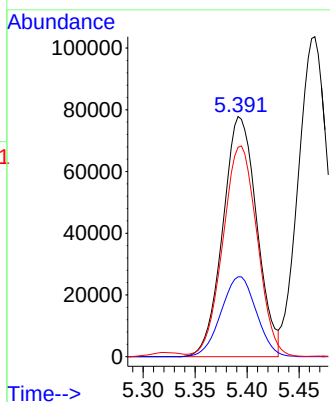
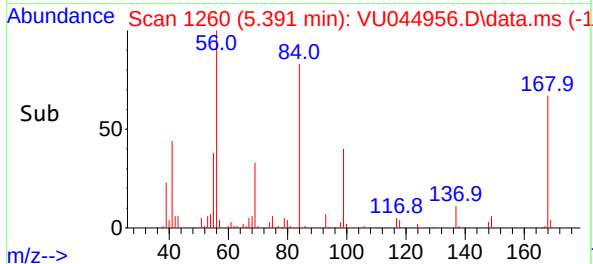
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



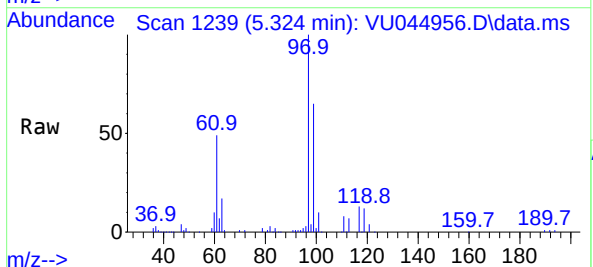
Tgt Ion: 56 Resp: 177435
Ion Ratio Lower Upper
56 100
69 33.3 25.2 37.8
84 85.8 66.4 99.6

Manual Integrations
APPROVED

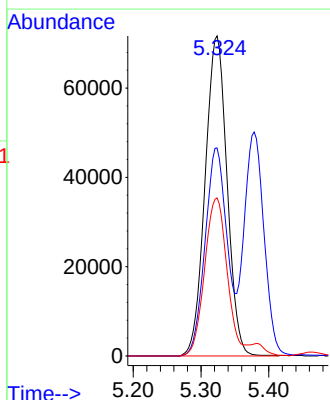
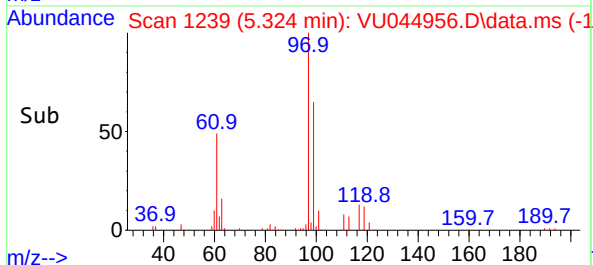
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

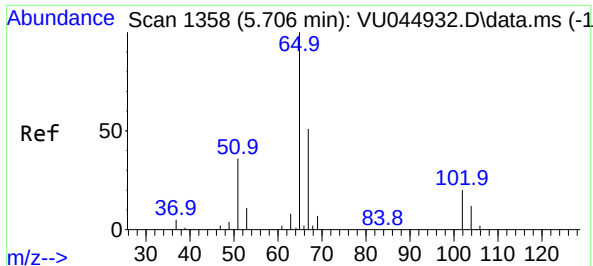


#32
1,1,1-Trichloroethane
Concen: 46.715 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.007 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



Tgt Ion: 97 Resp: 161018
Ion Ratio Lower Upper
97 100
99 65.9 50.9 76.3
61 50.6 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 46.603 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 125034

Ion Ratio Lower Upper

65 100

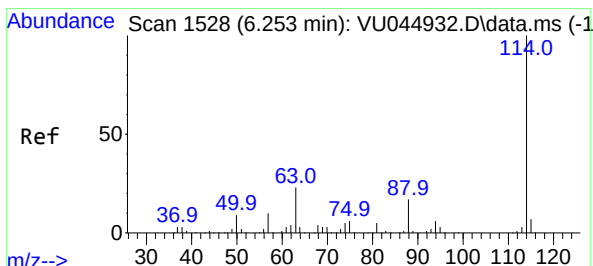
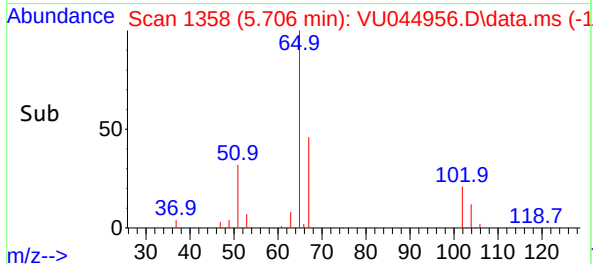
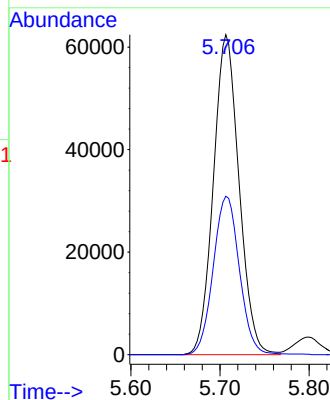
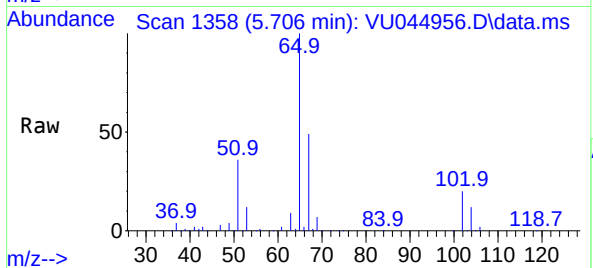
67 50.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

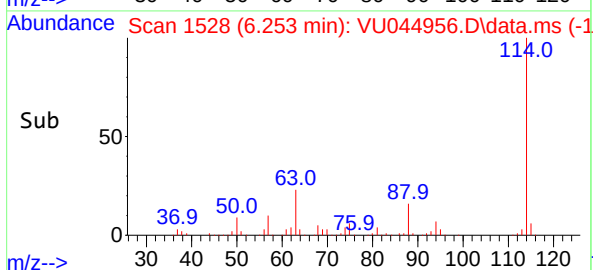
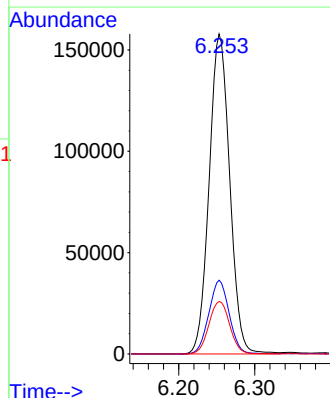
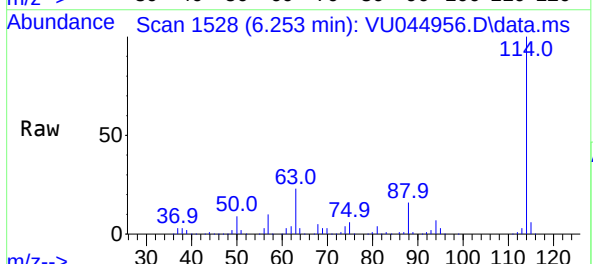
Tgt Ion:114 Resp: 296675

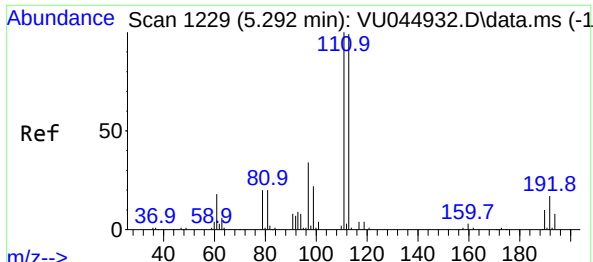
Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.8

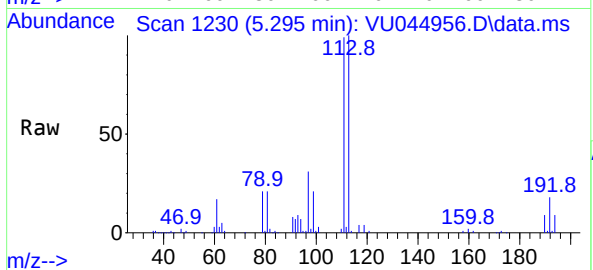
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 46.806 ug/l
RT: 5.295 min Scan# 111
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

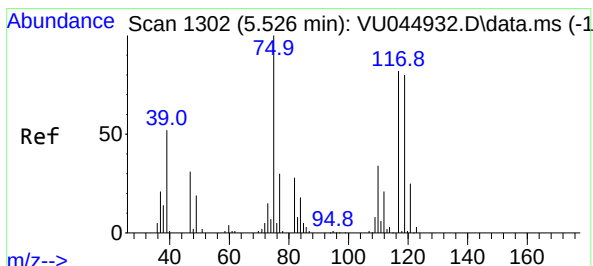
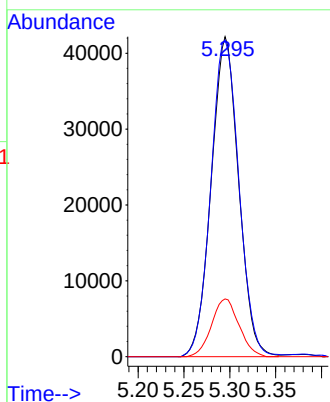
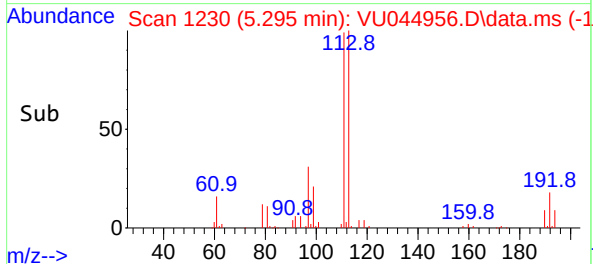
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



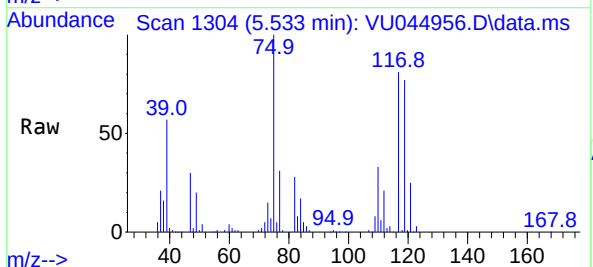
Tgt Ion: 113 Resp: 87599
Ion Ratio Lower Upper
113 100
111 101.5 84.1 126.1
192 18.1 14.8 22.2

Manual Integrations
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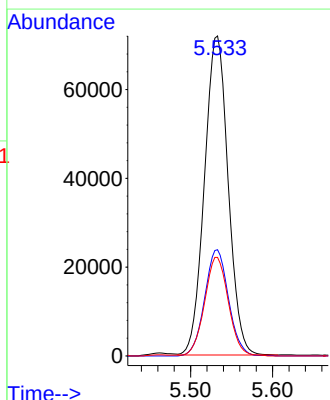
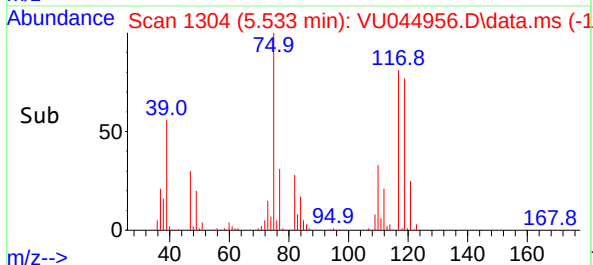
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

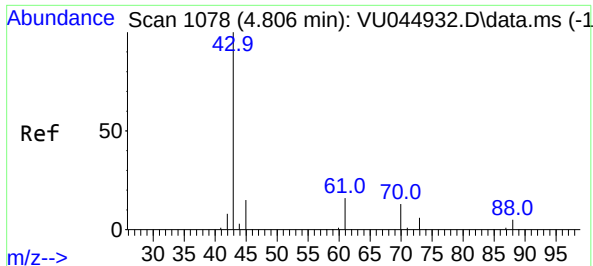


#36
1,1-Dichloropropene
Concen: 46.533 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



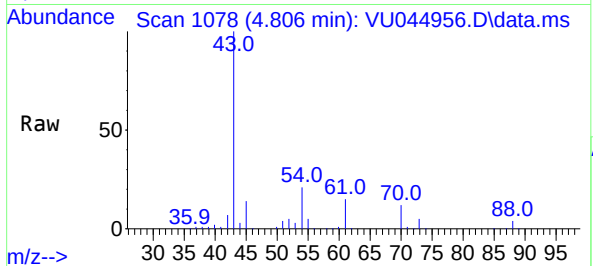
Tgt Ion: 75 Resp: 144371
Ion Ratio Lower Upper
75 100
110 33.5 16.3 48.9
77 31.1 25.0 37.4





#37
Ethyl Acetate
Concen: 43.661 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

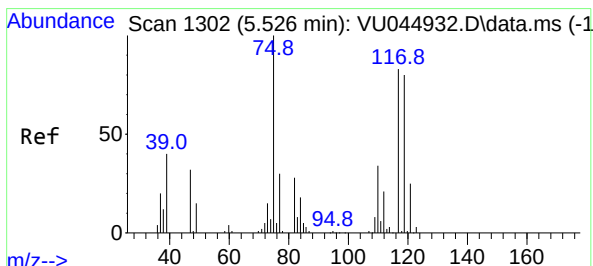
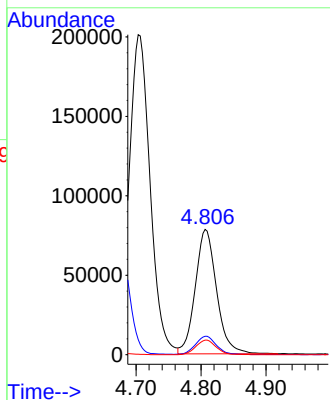
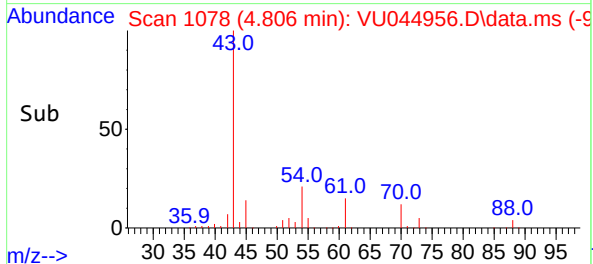
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 179228
Ion Ratio Lower Upper
43 100
61 14.3 10.9 16.3
70 11.2 8.2 12.4

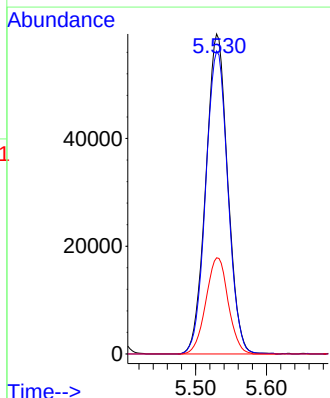
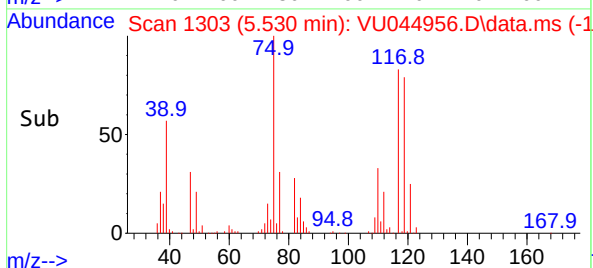
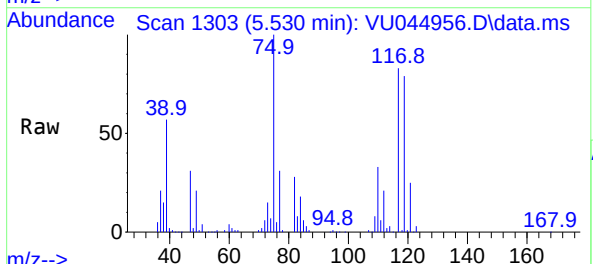
Manual Integrations
APPROVED

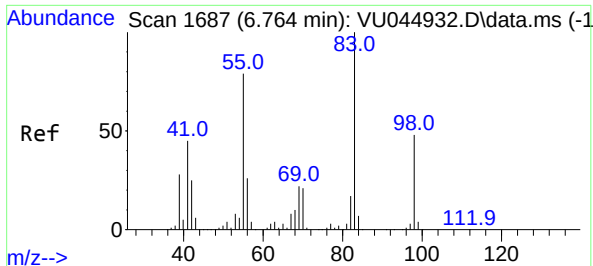
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 47.564 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion:117 Resp: 127694
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
121 30.0 24.5 36.7





#39

Methylcyclohexane

Concen: 45.309 ug/l

RT: 6.767 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 17256

Ion Ratio Lower Upper

83 100

55 77.6 66.2 99.4

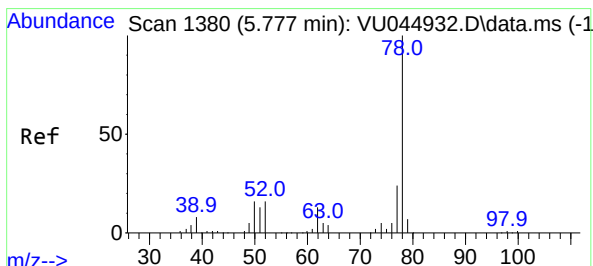
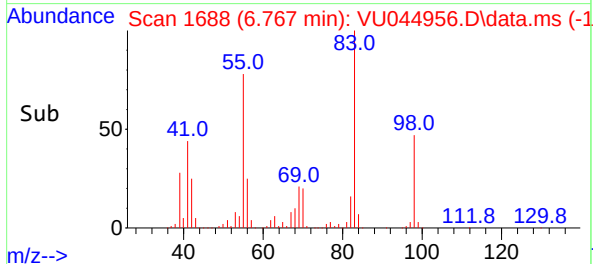
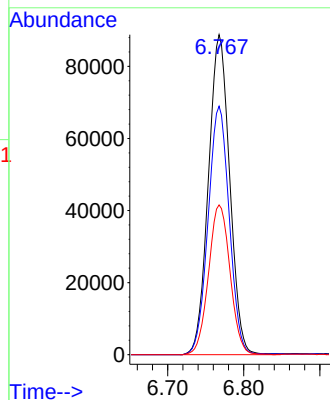
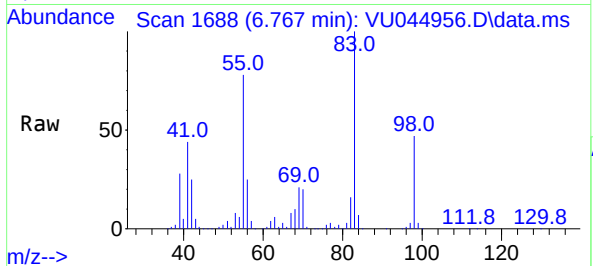
98 46.8 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#40

Benzene

Concen: 45.698 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU044956.D

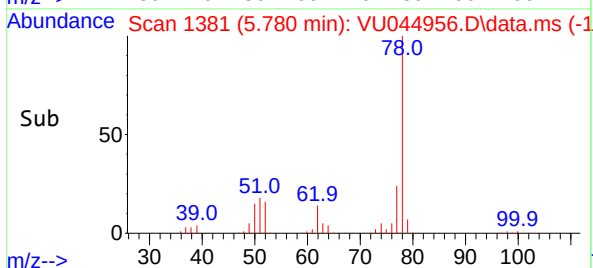
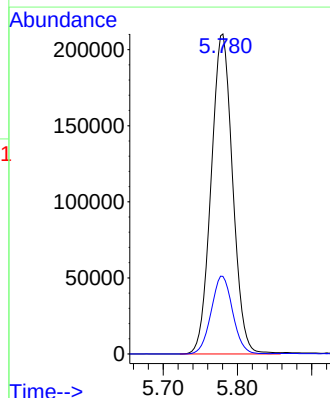
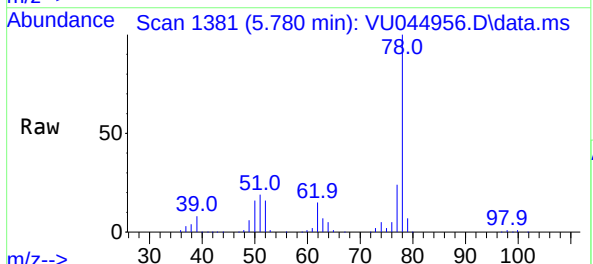
Acq: 28 Sep 2021 21:02

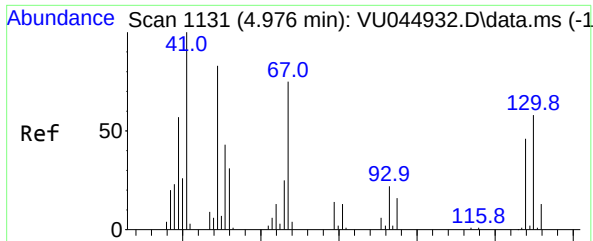
Tgt Ion: 78 Resp: 422271

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7





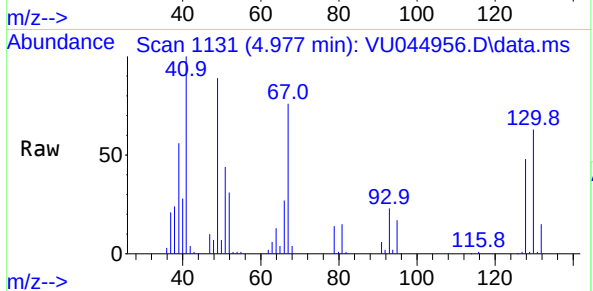
#41
Methacrylonitrile
Concen: 44.804 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



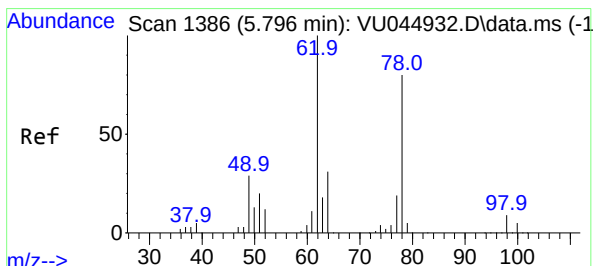
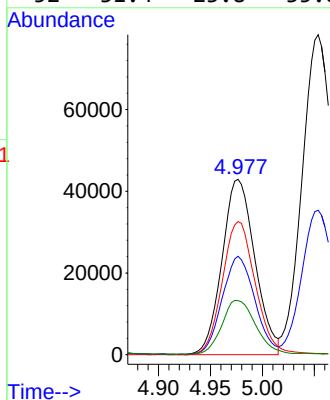
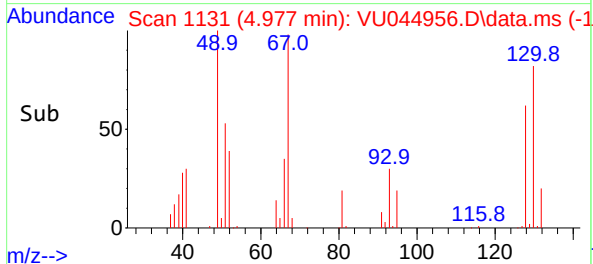
Tgt Ion: 41 Resp: 94684
Ion Ratio Lower Upper
41 100
39 55.8 44.4 66.6
67 76.7 58.1 87.1
52 31.4 23.8 35.8

Manual Integrations

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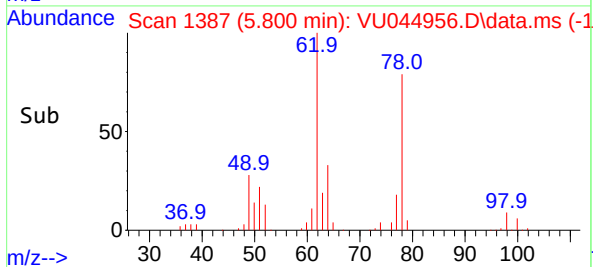
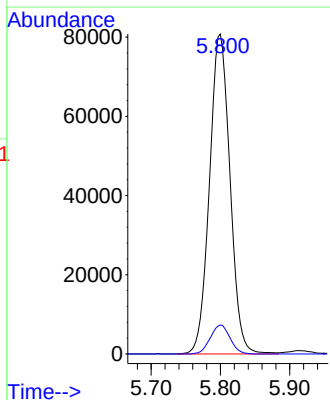
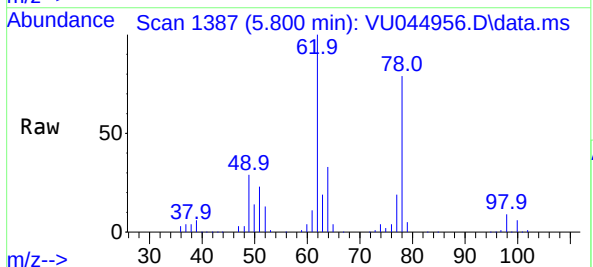
Reviewed By :John Carlone 09/29/2021

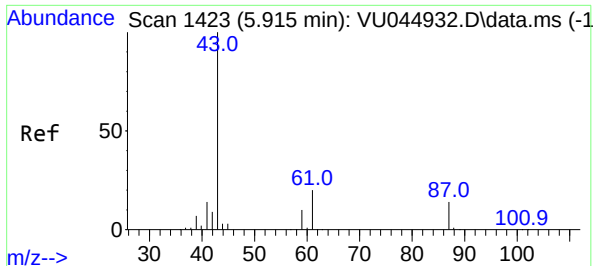
Supervised By :Mahesh Dadoda 09/30/2021



#42
1,2-Dichloroethane
Concen: 45.736 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion: 62 Resp: 166106
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





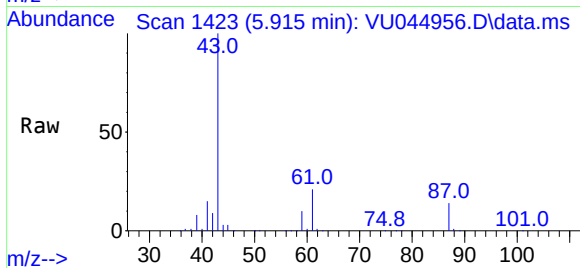
#43
Isopropyl Acetate
Concen: 44.050 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



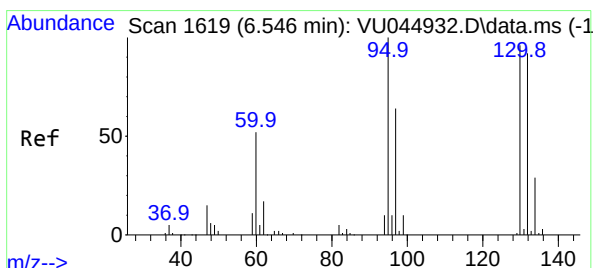
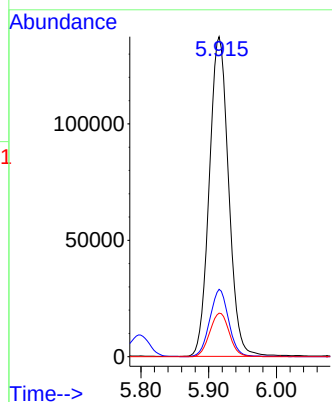
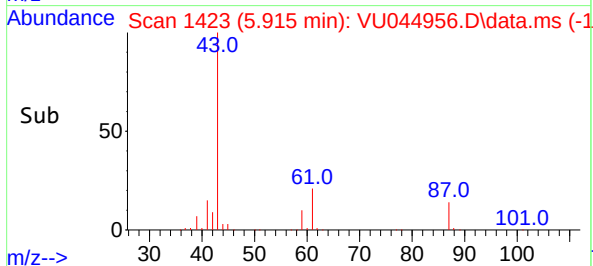
Tgt Ion: 43 Resp: 27204
Ion Ratio Lower Upper
43 100
61 20.6 16.1 24.1
87 13.8 10.3 15.5

Manual Integrations

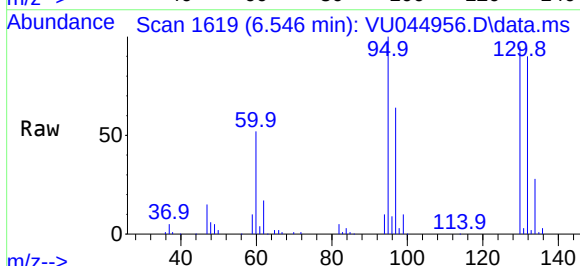
APPROVED

Reviewed By :John Carlone 09/29/2021

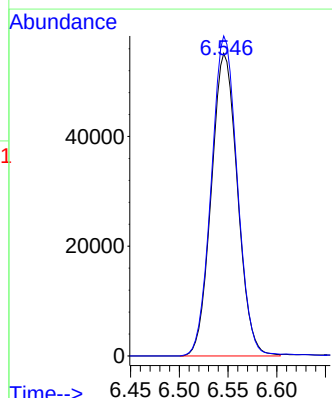
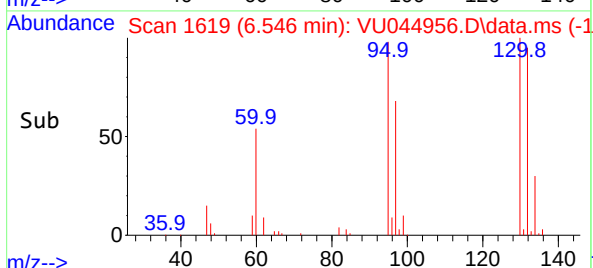
Supervised By :Mahesh Dadoda 09/30/2021

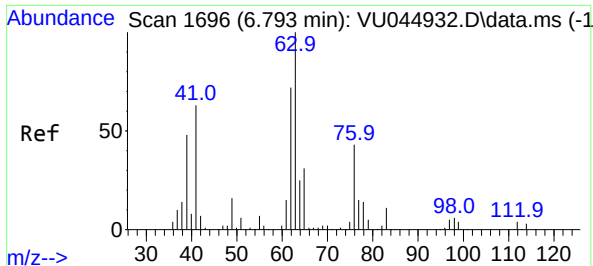


#44
Trichloroethene
Concen: 47.224 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



Tgt Ion:130 Resp: 102885
Ion Ratio Lower Upper
130 100
95 105.8 0.0 209.0





#45

1,2-Dichloropropane

Concen: 45.900 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11244

Ion Ratio Lower Upper

63 100

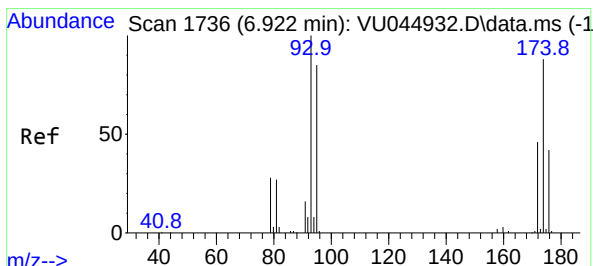
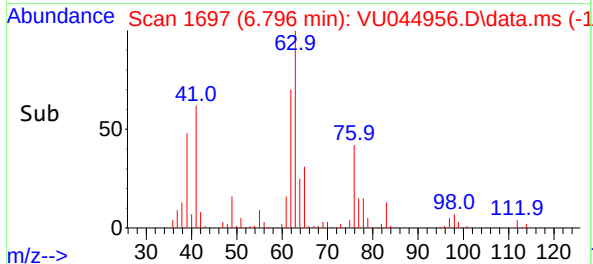
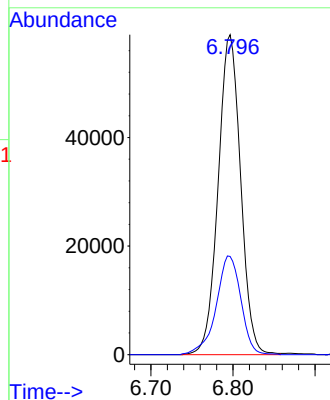
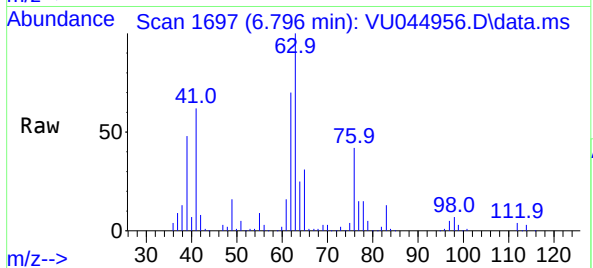
65 30.7 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 46.623 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

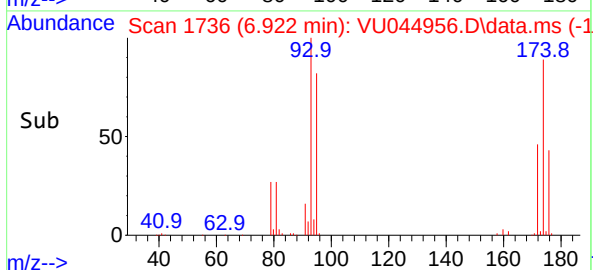
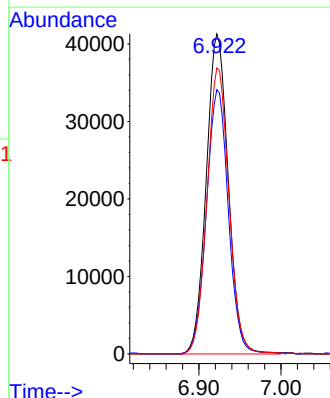
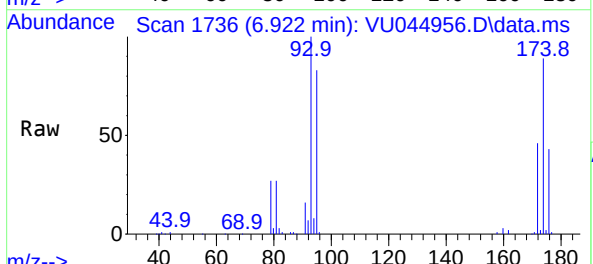
Tgt Ion: 93 Resp: 76944

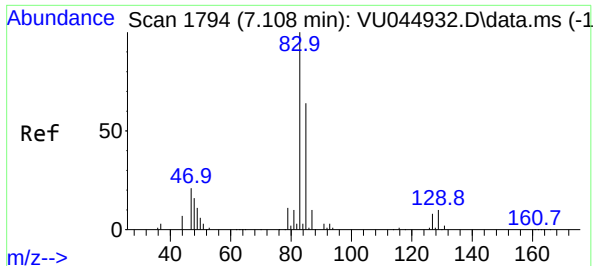
Ion Ratio Lower Upper

93 100

95 82.7 65.6 98.4

174 89.3 70.7 106.1





#47
Bromodichloromethane
Concen: 47.683 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

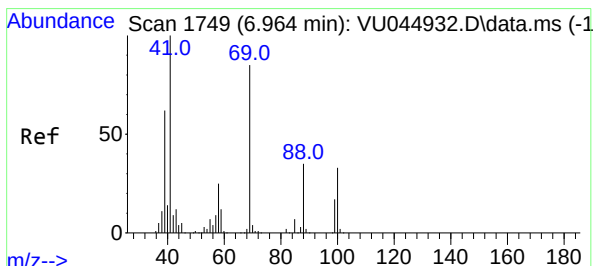
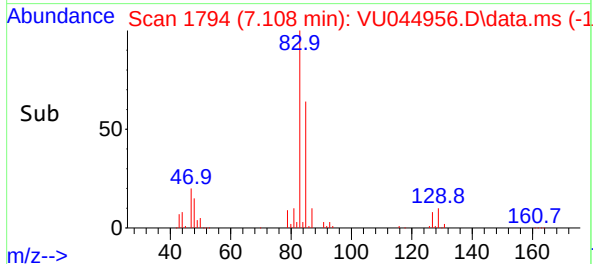
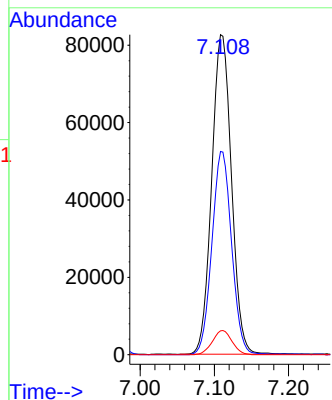
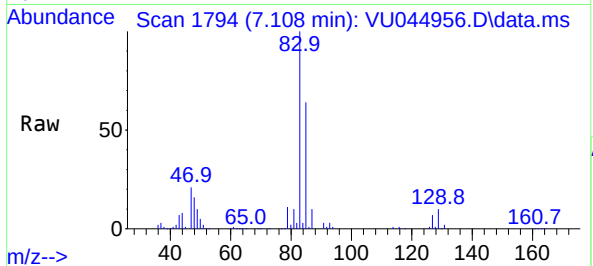
VSTDCCC050EC

Tgt Ion: 83 Resp: 152790
Ion Ratio Lower Upper
83 100
85 63.6 51.6 77.4
127 7.5 6.2 9.4

Manual Integrations

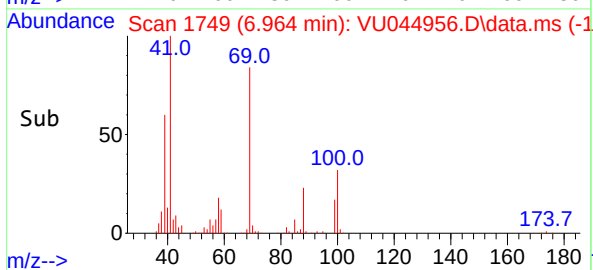
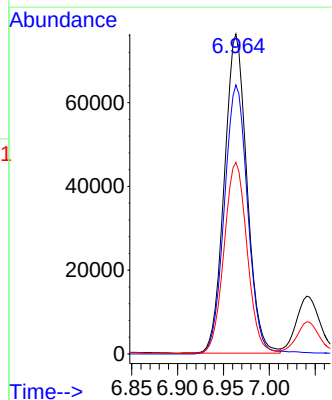
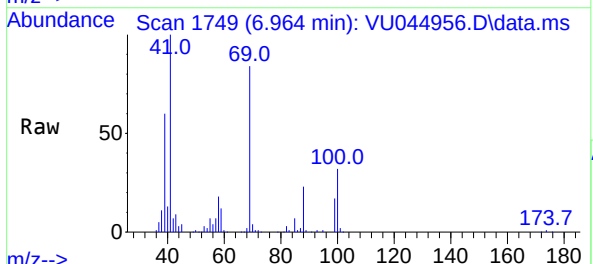
APPROVED

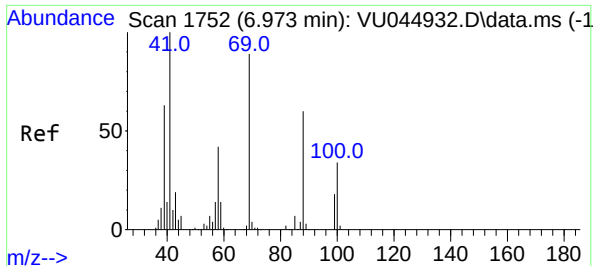
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#48
Methyl methacrylate
Concen: 43.566 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion: 41 Resp: 130961
Ion Ratio Lower Upper
41 100
69 87.5 65.6 98.4
39 60.9 46.2 69.4





#49

1,4-Dioxane

Concen: 448.735 ug/l

RT: 6.967 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

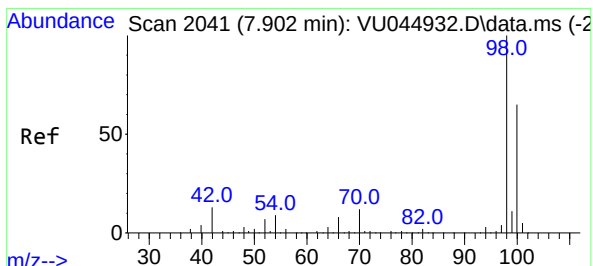
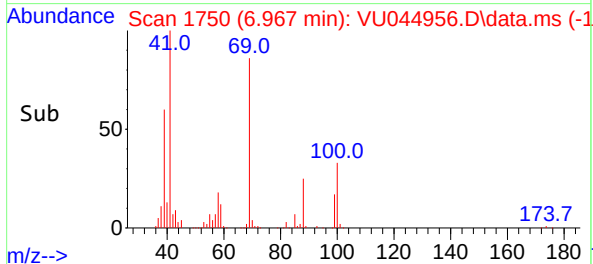
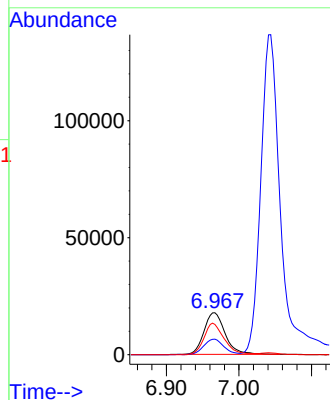
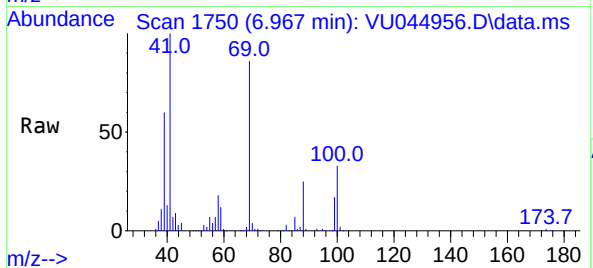
Tgt Ion: 88	Resp: 3604
Ion Ratio	Lower Upper
88 100	
43 35.8	25.8 38.6
58 72.5	61.3 91.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#50

Toluene-d8

Concen: 46.779 ug/l

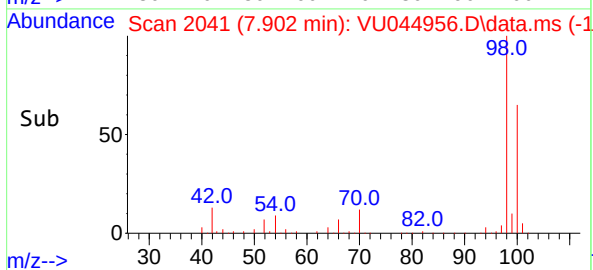
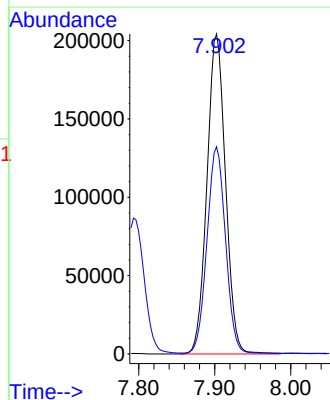
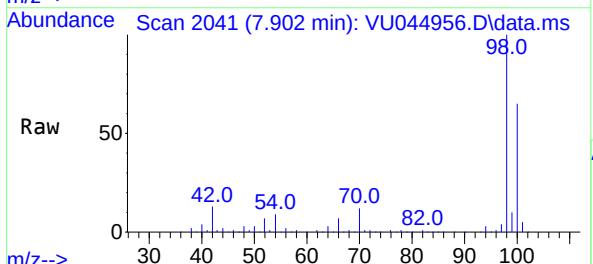
RT: 7.902 min Scan# 2041

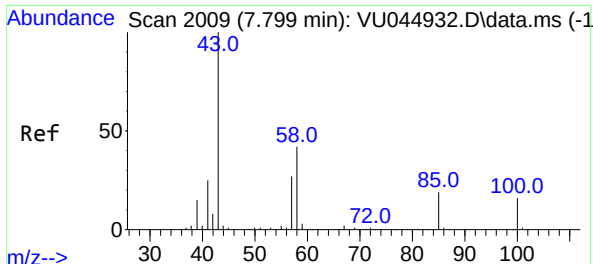
Delta R.T. 0.000 min

Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

Tgt Ion: 98	Resp: 345916
Ion Ratio	Lower Upper
98 100	
100 64.2	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 203.503 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.006 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

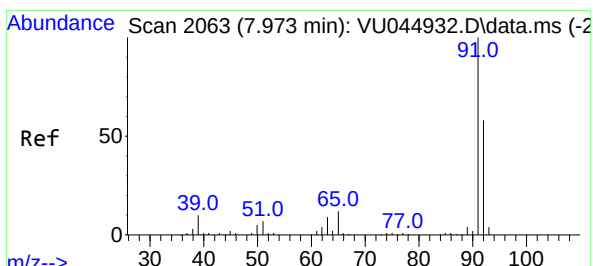
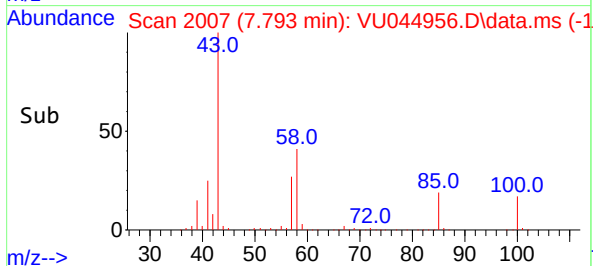
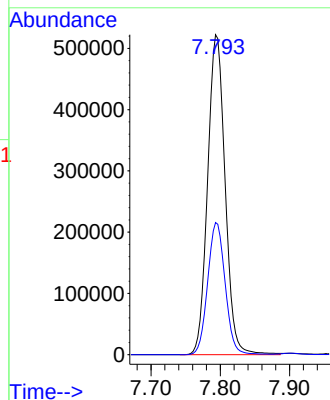
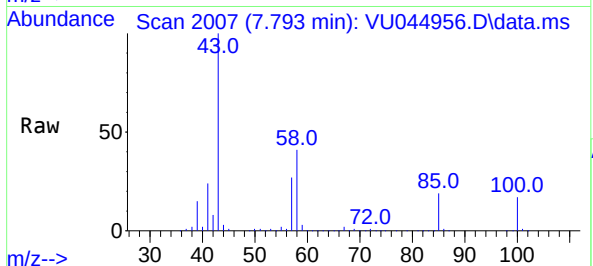
VSTDCCC050EC

Tgt Ion: 43 Resp: 914952
Ion Ratio Lower Upper
43 100
58 41.2 32.4 48.6

Manual Integrations

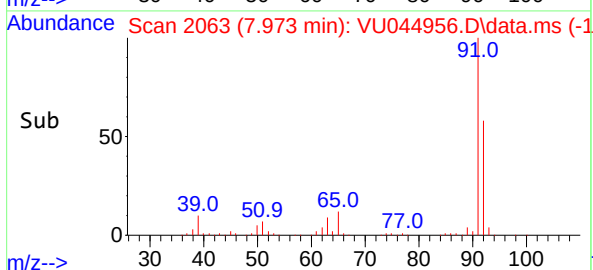
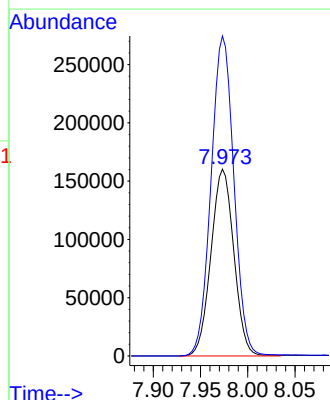
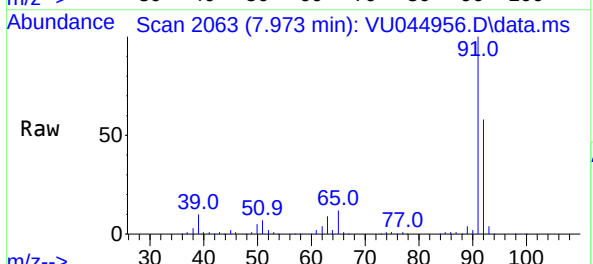
APPROVED

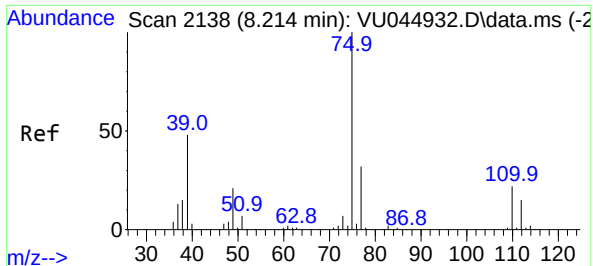
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 46.657 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion: 92 Resp: 269831
Ion Ratio Lower Upper
92 100
91 171.1 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 46.237 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

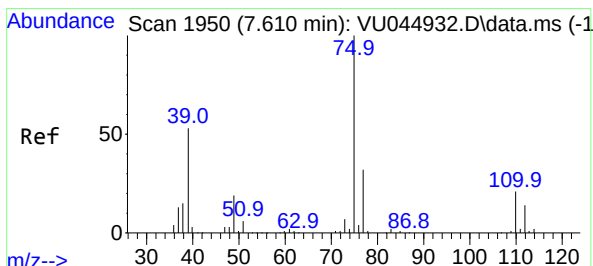
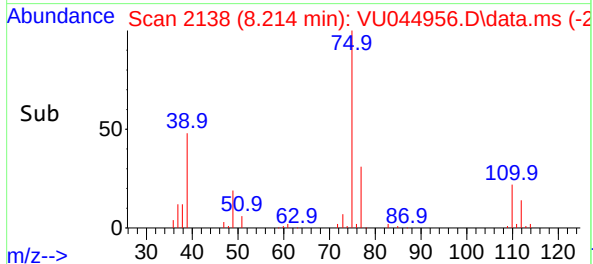
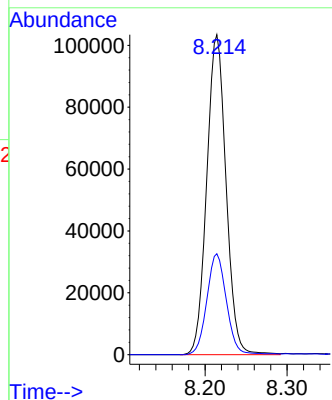
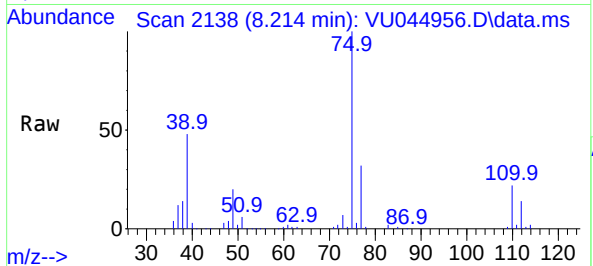
VSTDCCC050EC

Tgt Ion: 75 Resp: 16942
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations

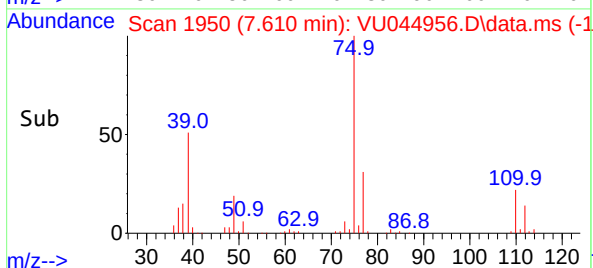
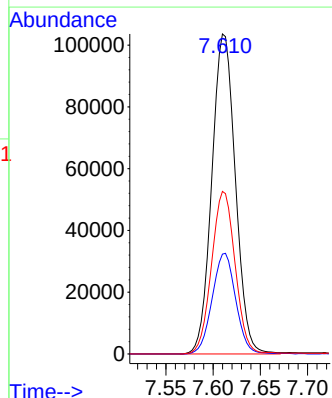
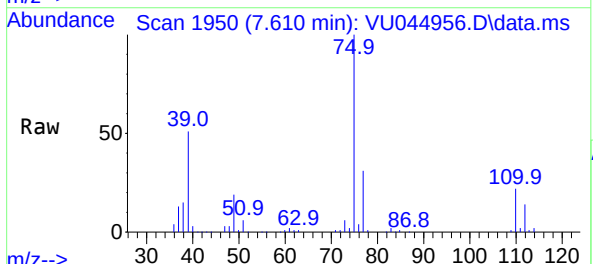
APPROVED

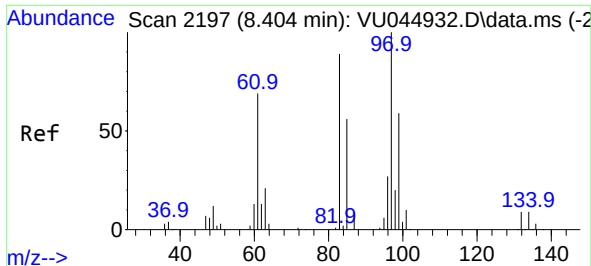
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#54
cis-1,3-Dichloropropene
Concen: 47.007 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion: 75 Resp: 179423
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 50.8 41.4 62.2





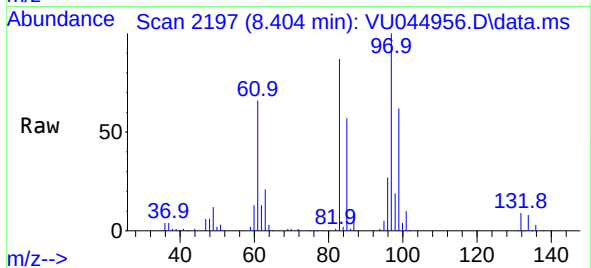
#55
1,1,2-Trichloroethane
Concen: 45.242 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



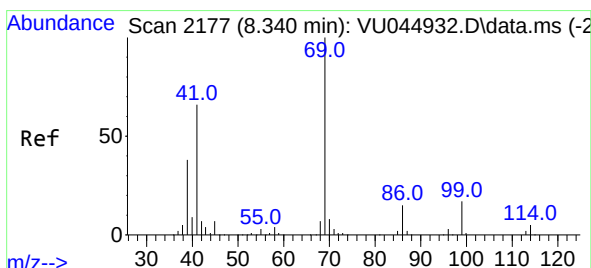
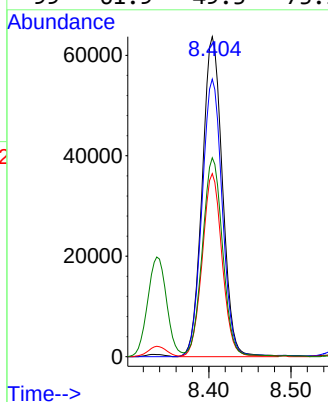
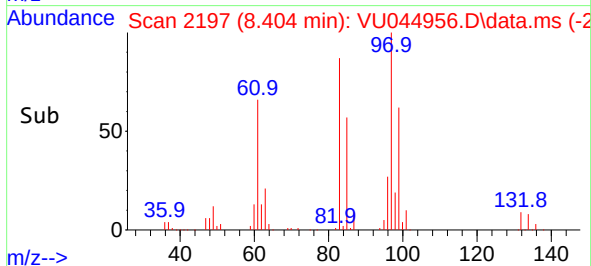
Tgt Ion: 97 Resp: 109019
Ion Ratio Lower Upper
97 100
83 86.7 69.7 104.5
85 57.0 44.8 67.2
99 61.9 49.3 73.9

Manual Integrations

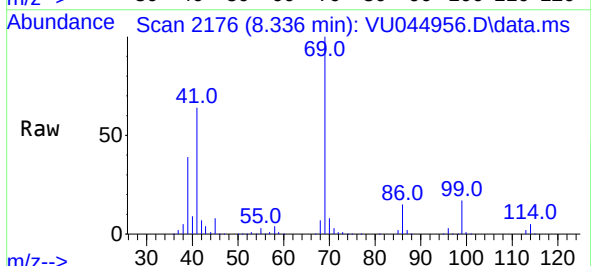
APPROVED

Reviewed By :John Carlone 09/29/2021

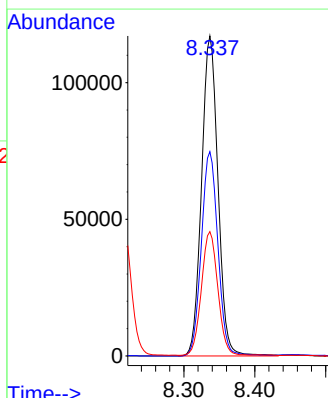
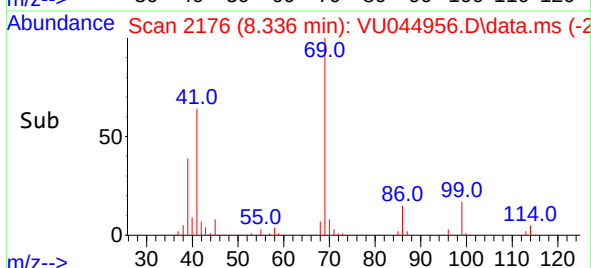
Supervised By :Mahesh Dadoda 09/30/2021

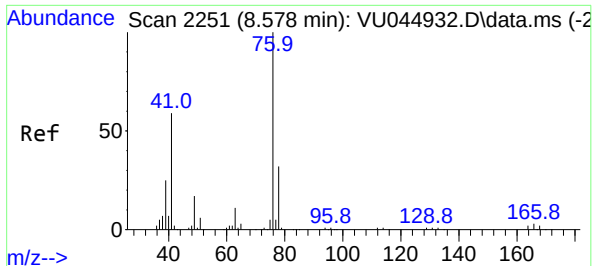


#56
Ethyl methacrylate
Concen: 40.606 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.004 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



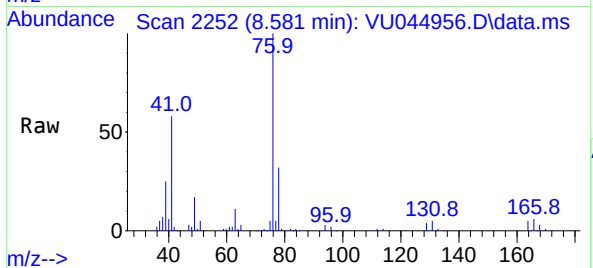
Tgt Ion: 69 Resp: 188332
Ion Ratio Lower Upper
69 100
41 64.5 53.5 80.3
39 38.5 31.1 46.7





#57
1,3-Dichloropropane
Concen: 44.976 ug/l
RT: 8.581 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

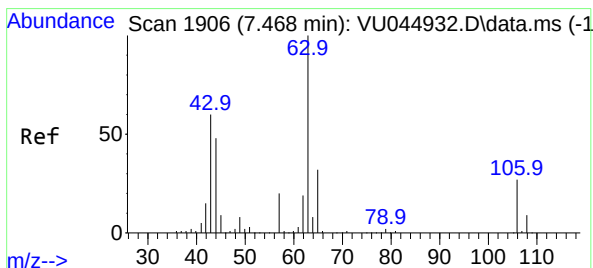
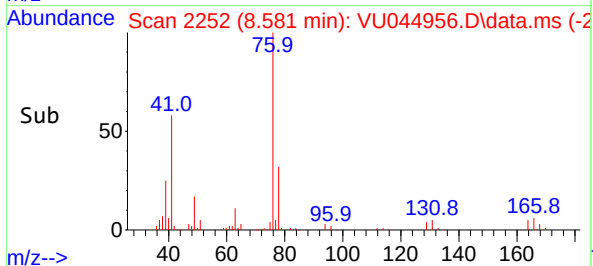
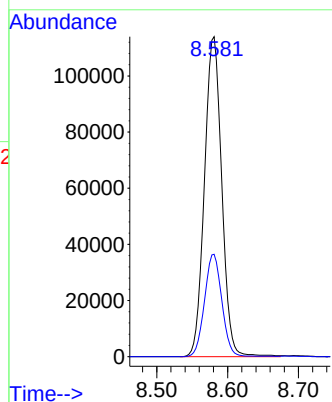
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 193420
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

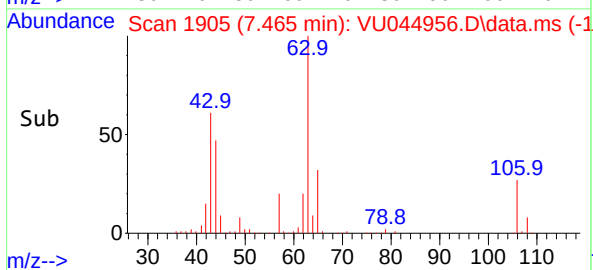
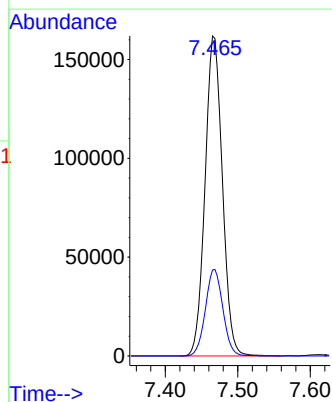
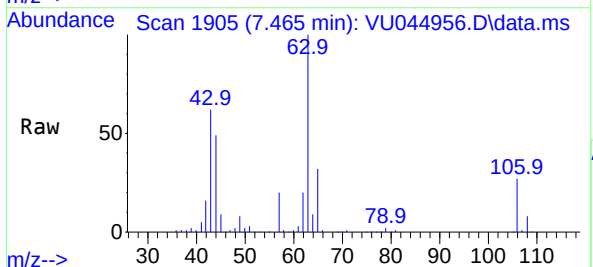
Manual Integrations
APPROVED

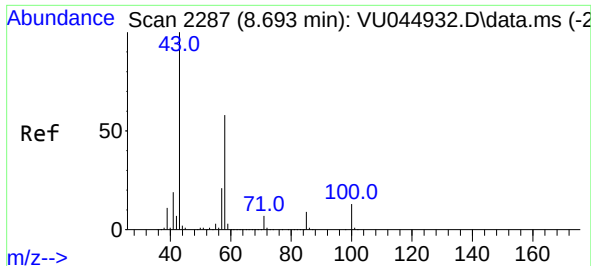
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#58
2-Chloroethyl Vinyl ether
Concen: 185.782 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. -0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

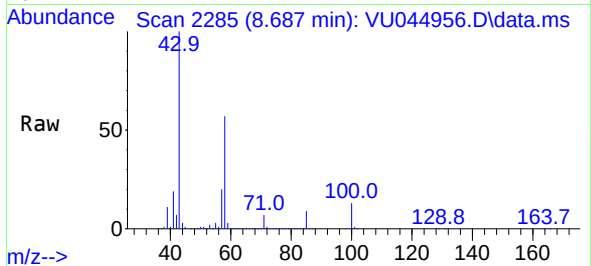
Tgt Ion: 63 Resp: 268628
Ion Ratio Lower Upper
63 100
106 27.3 20.5 30.7





#59
2-Hexanone
Concen: 194.945 ug/l
RT: 8.687 min Scan# 2134
Delta R.T. -0.006 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

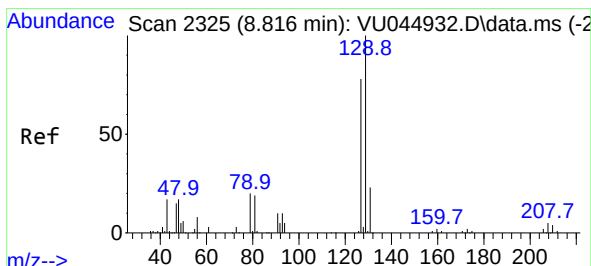
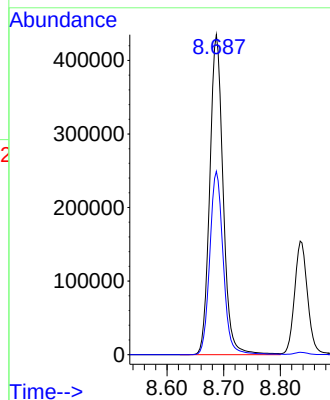
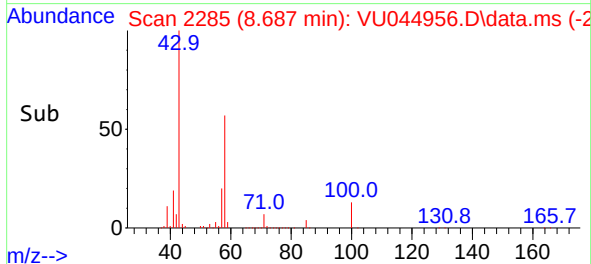
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 713745
Ion Ratio Lower Upper
43 100
58 57.5 28.0 84.0

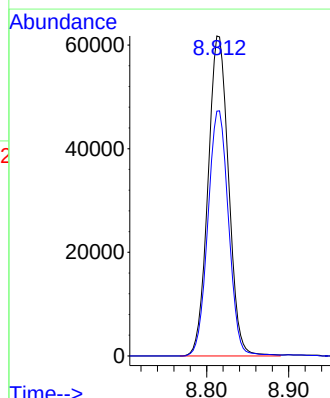
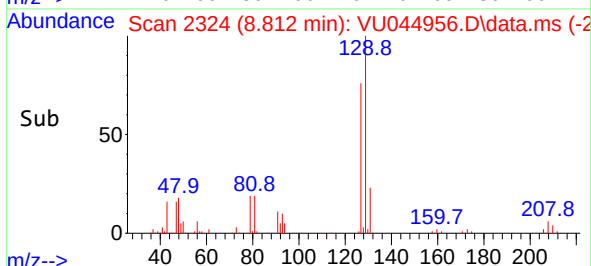
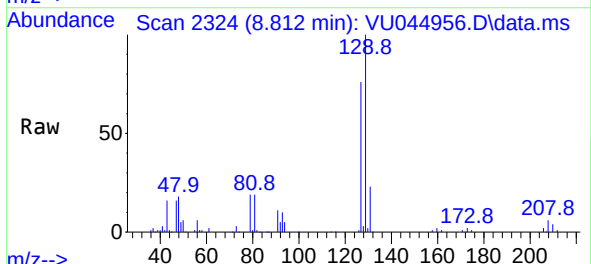
Manual Integrations
APPROVED

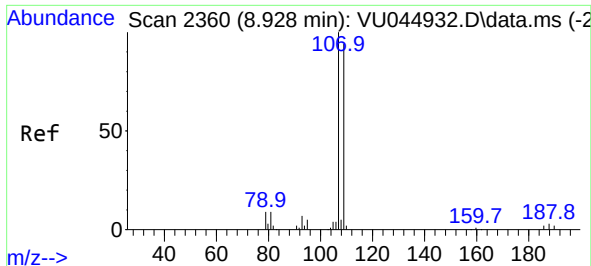
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#60
Dibromochloromethane
Concen: 42.442 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.004 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

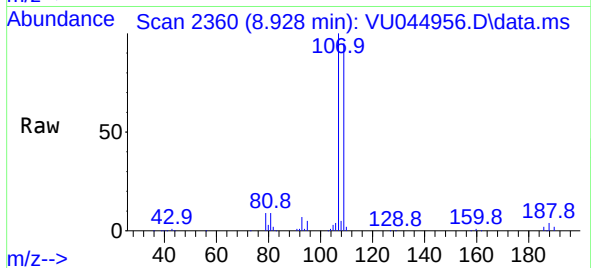
Tgt Ion:129 Resp: 107561
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 45.777 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

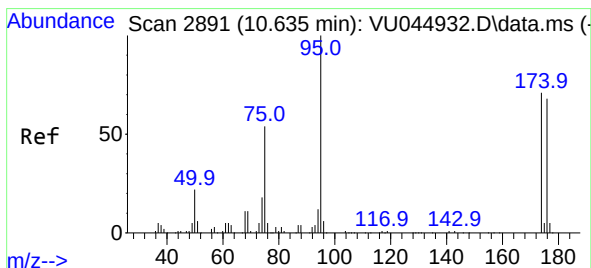
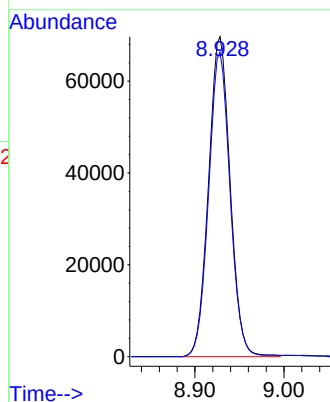
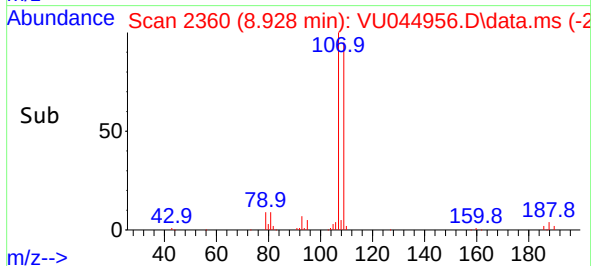
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



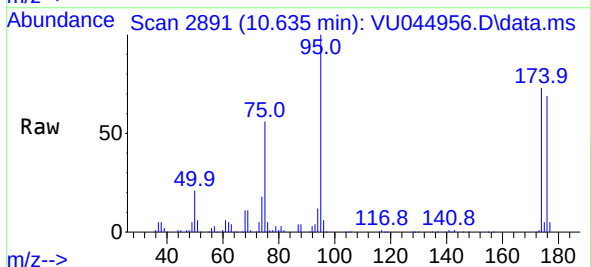
Tgt Ion:107 Resp: 11725
Ion Ratio Lower Upper
107 100
109 94.0 74.8 112.2

Manual Integrations
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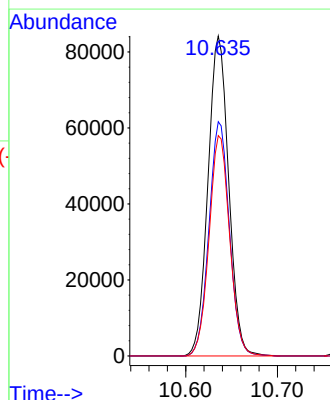
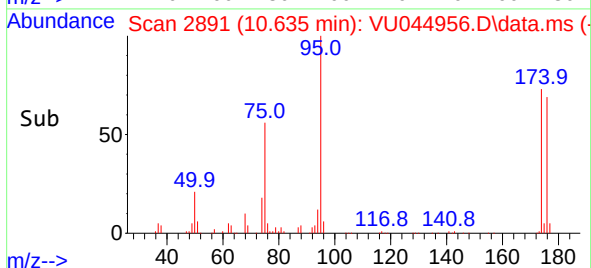
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

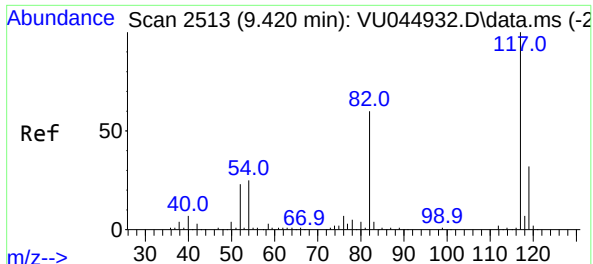


#62
4-Bromofluorobenzene
Concen: 43.182 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



Tgt Ion: 95 Resp: 131832
Ion Ratio Lower Upper
95 100
174 72.4 0.0 146.6
176 68.5 0.0 141.2





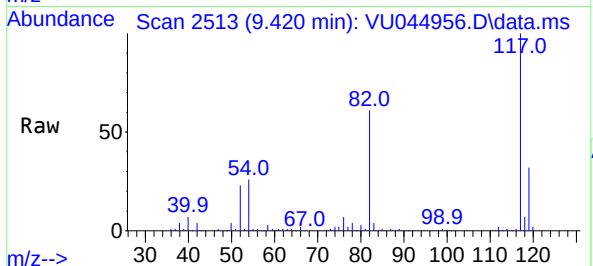
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



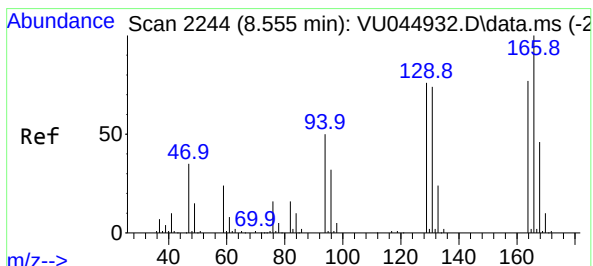
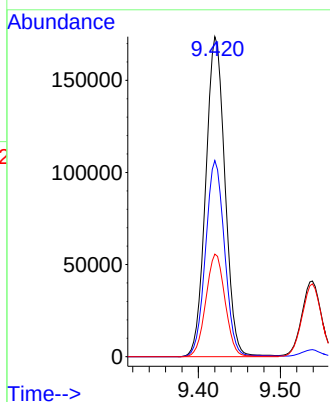
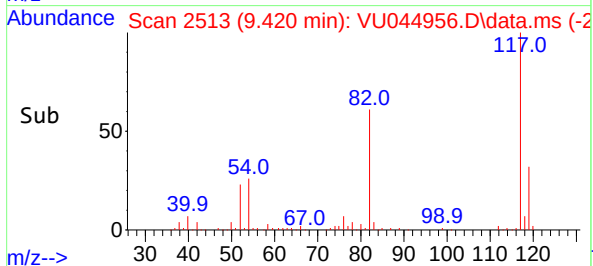
Tgt Ion:117 Resp: 283492
Ion Ratio Lower Upper
117 100
82 61.3 47.8 71.8
119 32.1 25.8 38.6

Manual Integrations

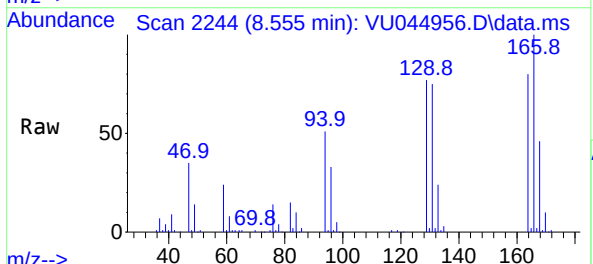
APPROVED

Reviewed By :John Carlone 09/29/2021

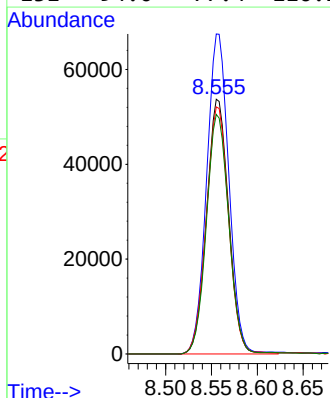
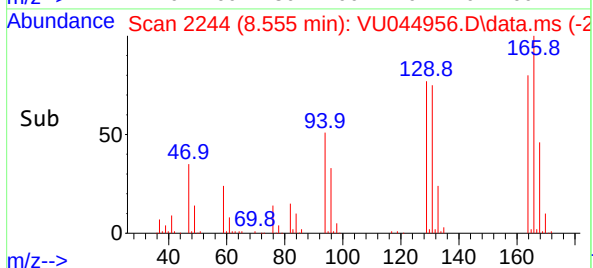
Supervised By :Mahesh Dadoda 09/30/2021

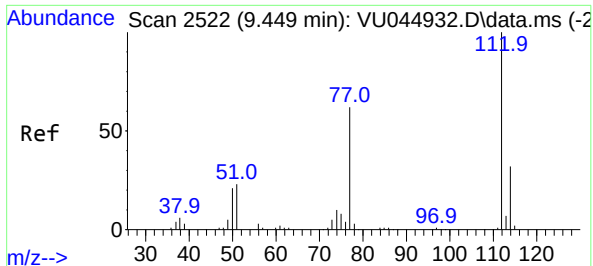


#64
Tetrachloroethene
Concen: 48.734 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



Tgt Ion:164 Resp: 90172
Ion Ratio Lower Upper
164 100
166 125.6 102.8 154.2
129 97.0 79.4 119.2
131 94.0 77.4 116.2





#65
Chlorobenzene
Concen: 46.161 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

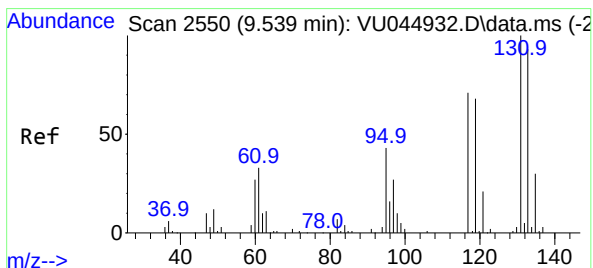
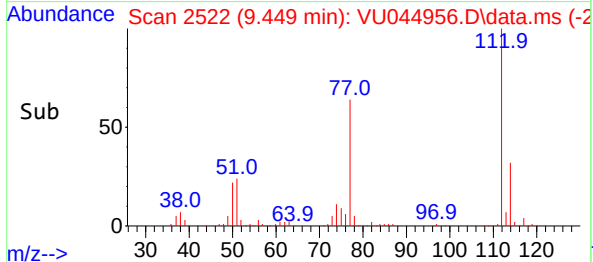
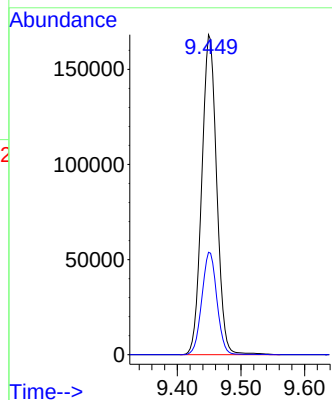
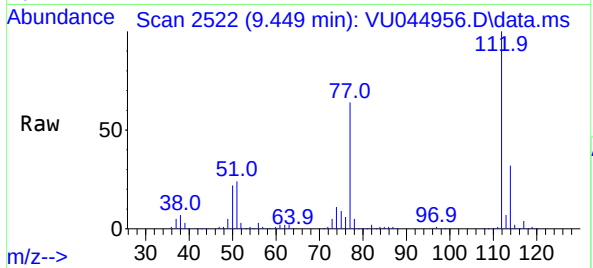
VSTDCCC050EC

Tgt Ion:112 Resp: 274362
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

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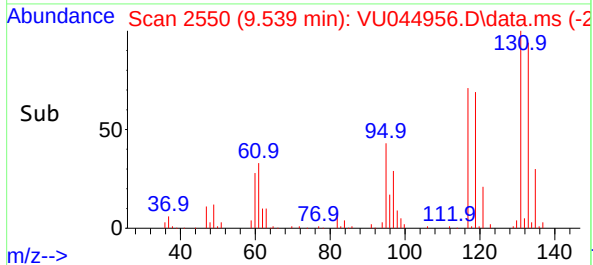
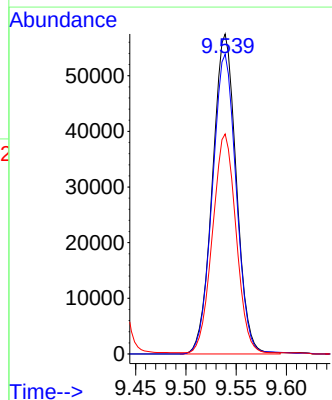
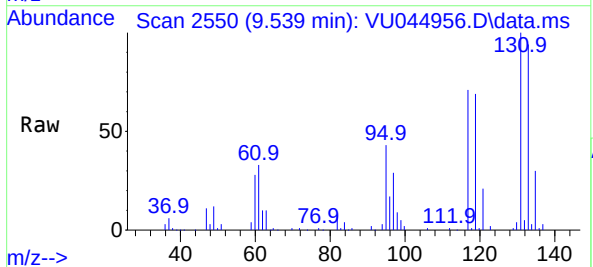
APPROVED

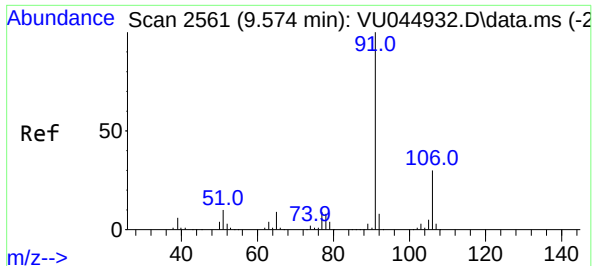
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 45.611 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion:131 Resp: 94646
Ion Ratio Lower Upper
131 100
133 94.2 48.1 144.3
119 67.8 34.1 102.3





#67

Ethyl Benzene

Concen: 47.435 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 51880

Ion Ratio Lower Upper

91 100

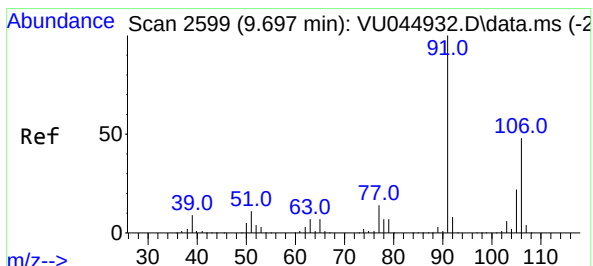
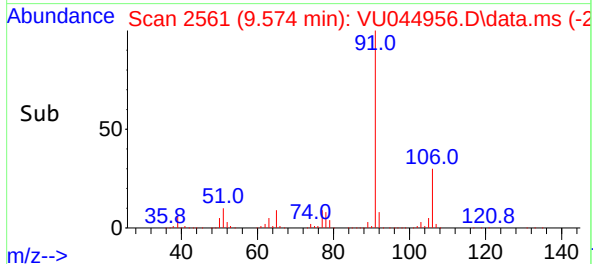
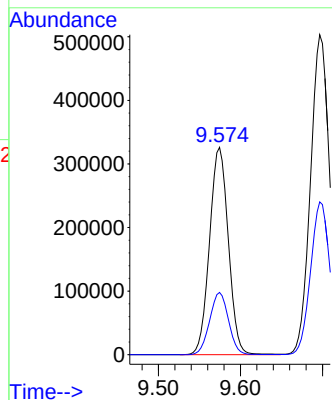
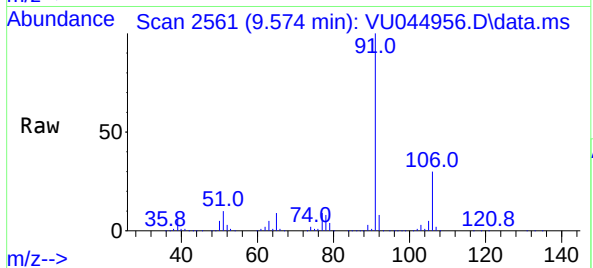
106 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#68

m/p-Xylenes

Concen: 93.631 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU044956.D

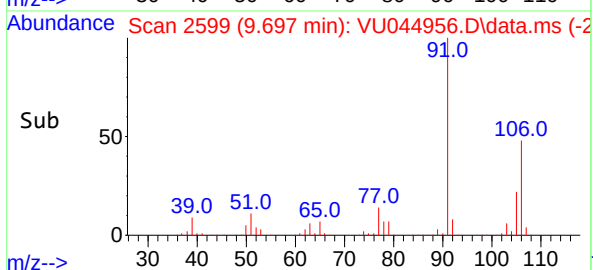
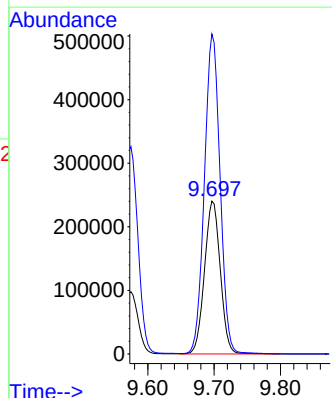
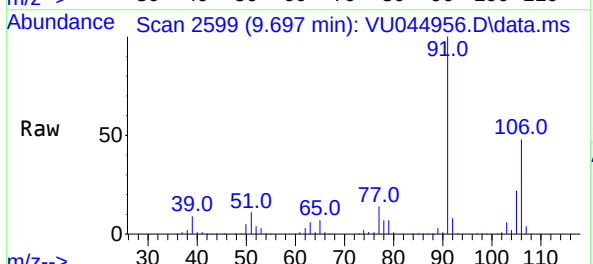
Acq: 28 Sep 2021 21:02

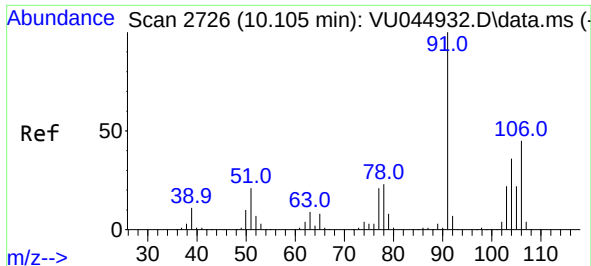
Tgt Ion:106 Resp: 397850

Ion Ratio Lower Upper

106 100

91 207.9 164.2 246.2





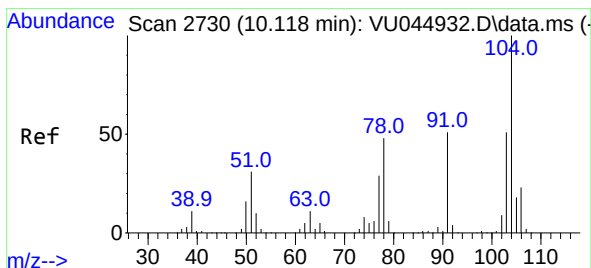
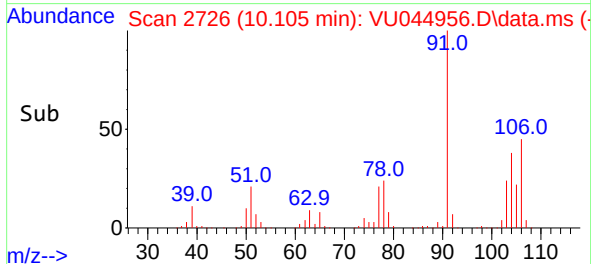
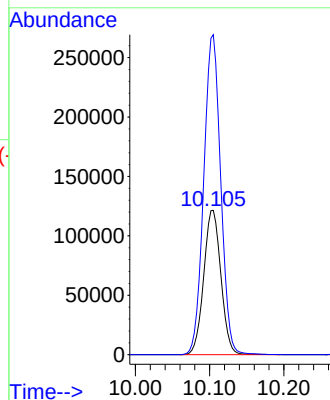
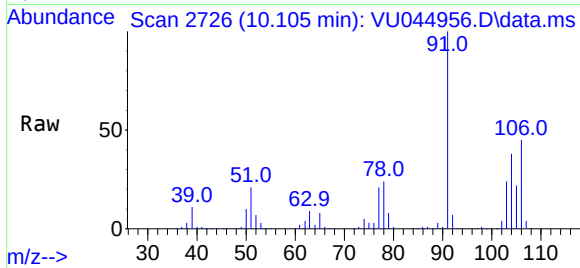
#69
o-Xylene
Concen: 46.227 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 194948
Ion Ratio Lower Upper
106 100
91 219.4 108.9 326.7

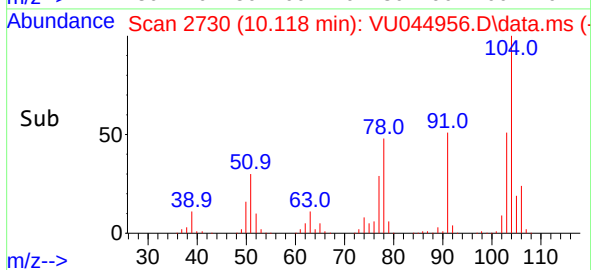
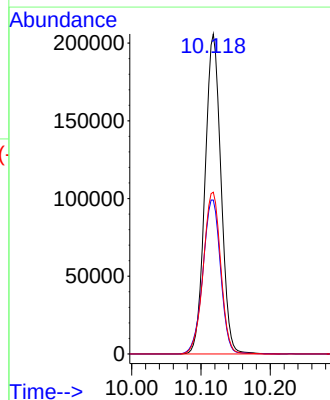
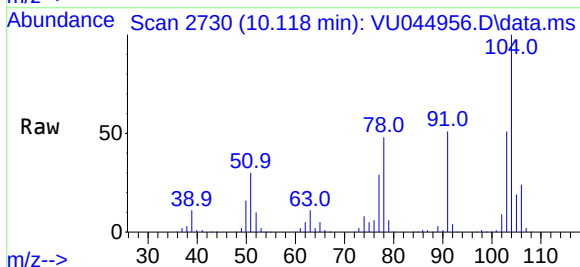
Manual Integrations
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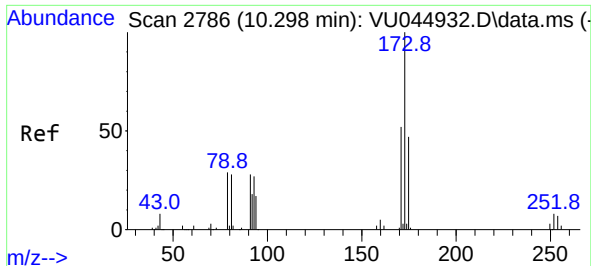
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#70
Styrene
Concen: 46.491 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

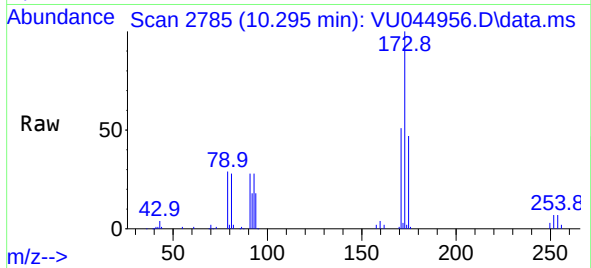
Tgt Ion:104 Resp: 328915
Ion Ratio Lower Upper
104 100
78 53.3 41.4 62.0
103 55.2 43.5 65.3





#71
Bromoform
Concen: 39.238 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

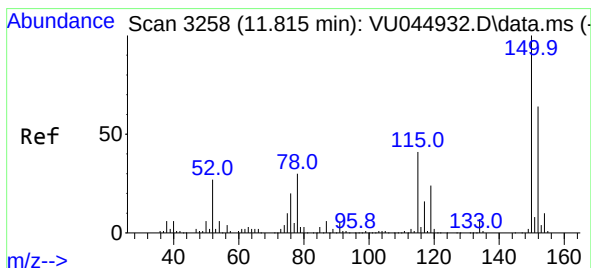
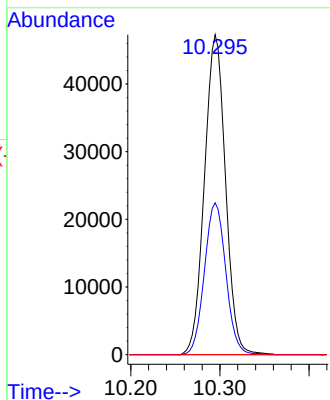
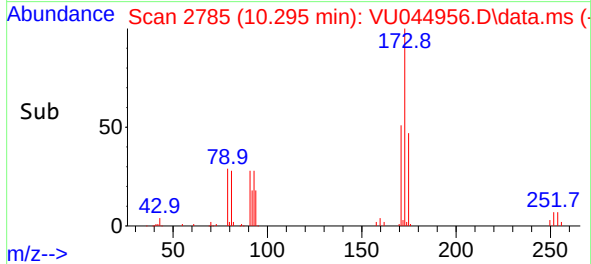
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 77570
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.0 0.0 0.0

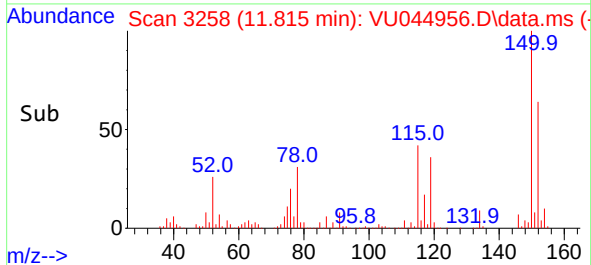
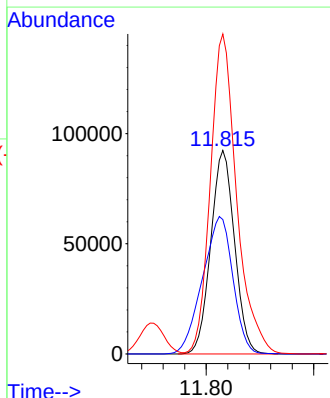
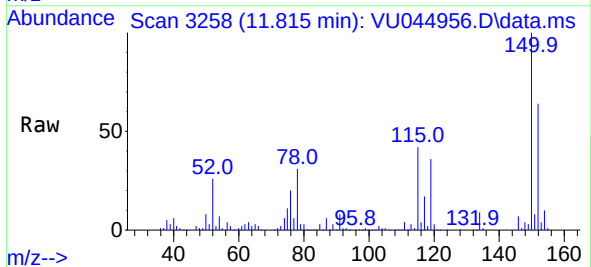
Manual Integrations
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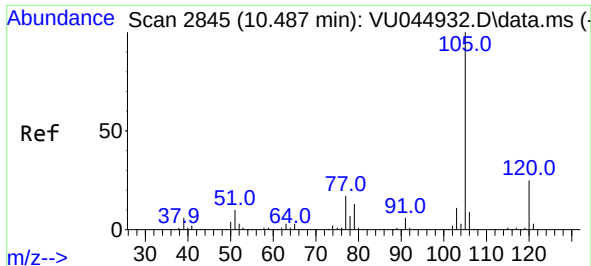
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion:152 Resp: 141673
Ion Ratio Lower Upper
152 100
115 86.3 43.5 130.7
150 173.7 0.0 350.0





#73
Isopropylbenzene
Concen: 47.942 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

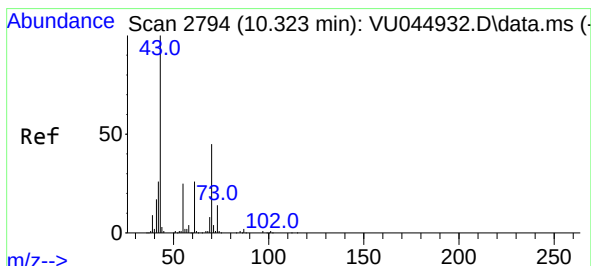
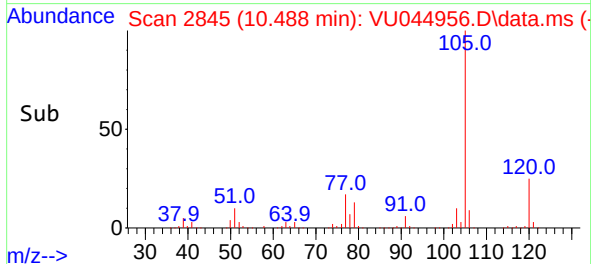
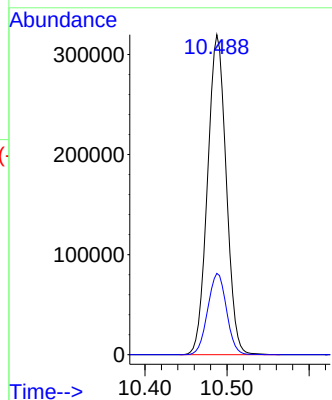
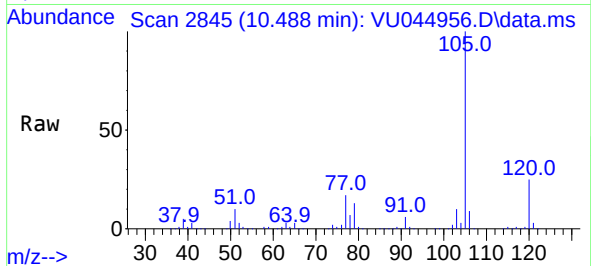
VSTDCCC050EC

Tgt Ion:105 Resp: 505790
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3

Manual Integrations

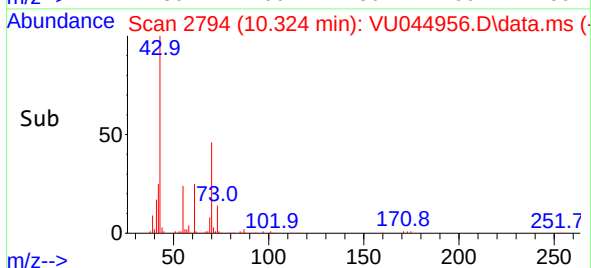
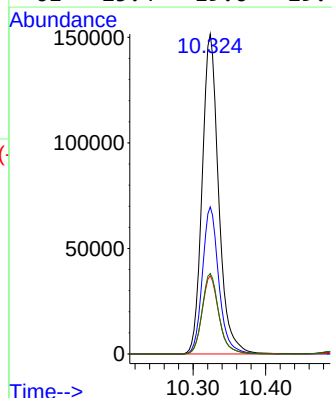
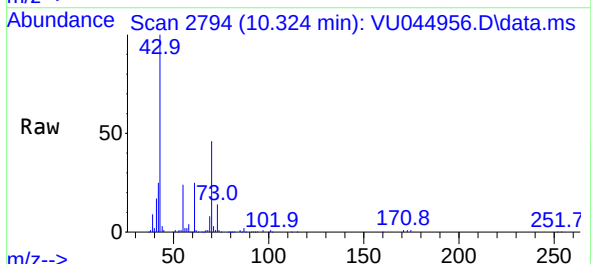
APPROVED

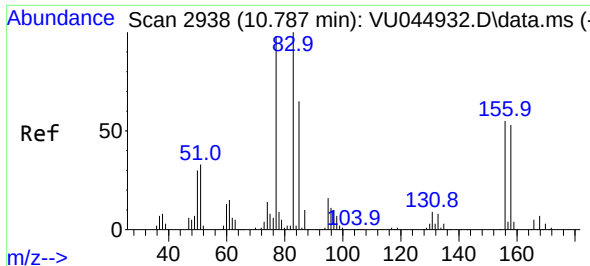
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 45.030 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

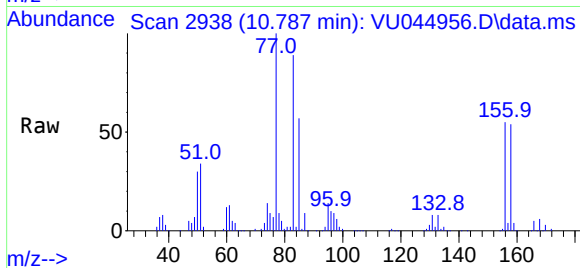
Tgt Ion: 43 Resp: 239212
Ion Ratio Lower Upper
43 100
70 45.8 35.1 52.7
55 24.9 20.5 30.7
61 25.4 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 41.603 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

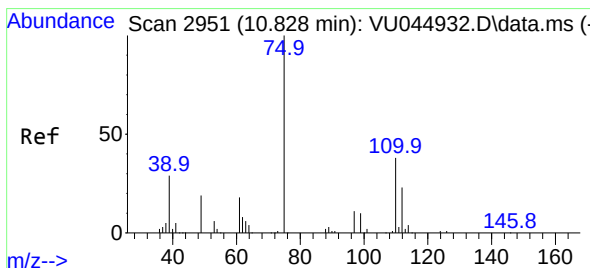
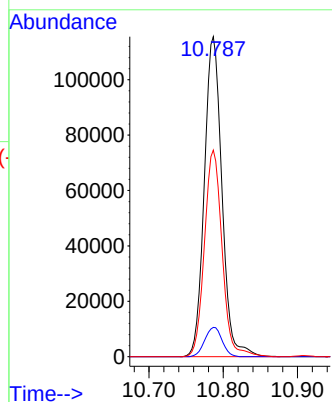
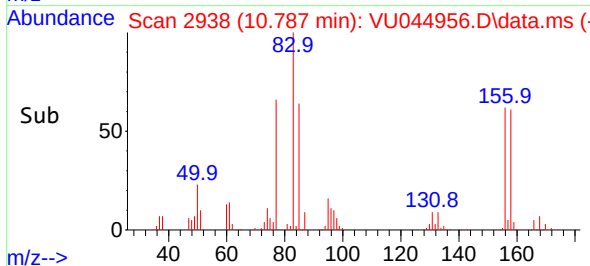
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



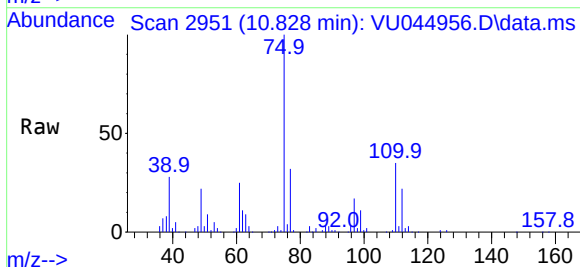
Tgt Ion: 83 Resp: 189914
Ion Ratio Lower Upper
83 100
131 9.0 4.3 13.1
85 64.8 31.9 95.5

Manual Integrations
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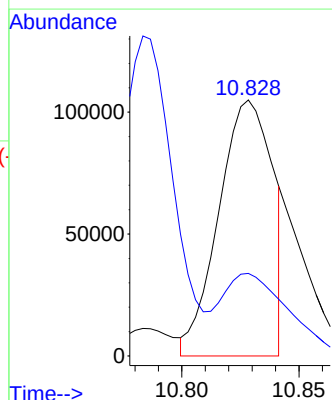
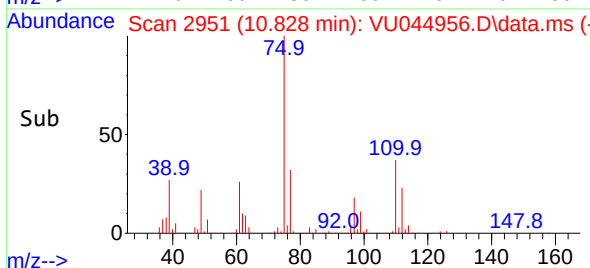
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

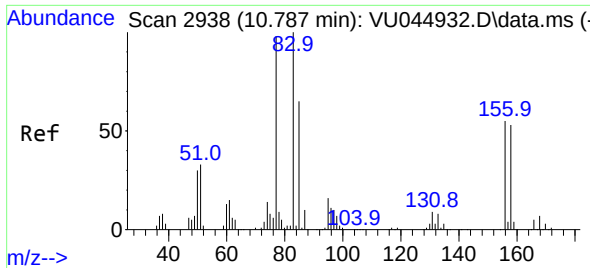


#76
1,2,3-Trichloropropane
Concen: 40.479 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



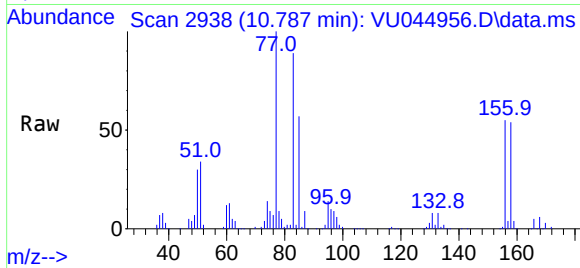
Tgt Ion: 75 Resp: 167274
Ion Ratio Lower Upper
75 100
77 39.4 17.9 53.7





#77
Bromobenzene
Concen: 45.161 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

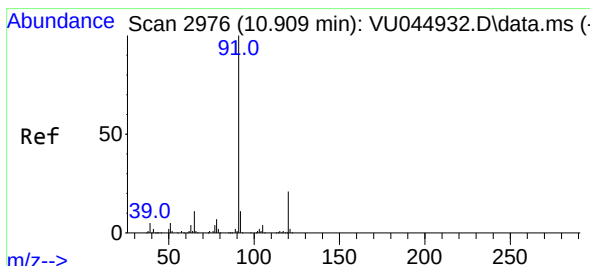
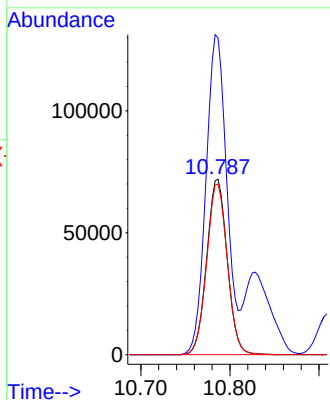
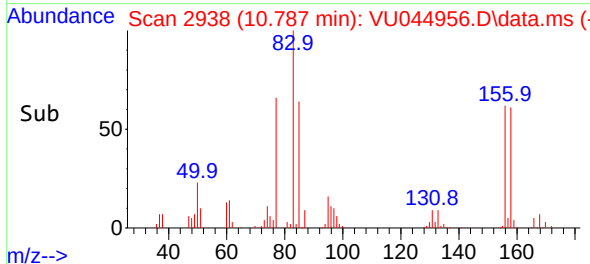
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



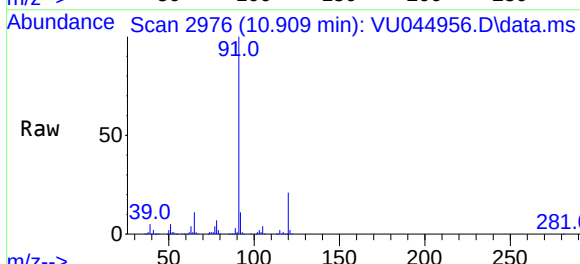
Tgt Ion:156 Resp: 11505
Ion Ratio Lower Upper
156 100
77 183.4 91.1 273.4
158 97.7 48.2 144.6

Manual Integrations
APPROVED

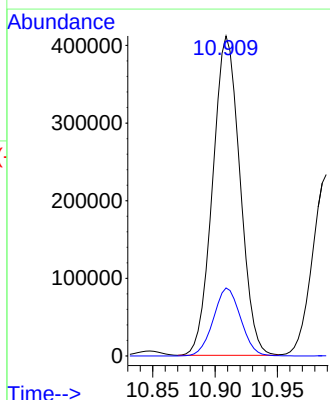
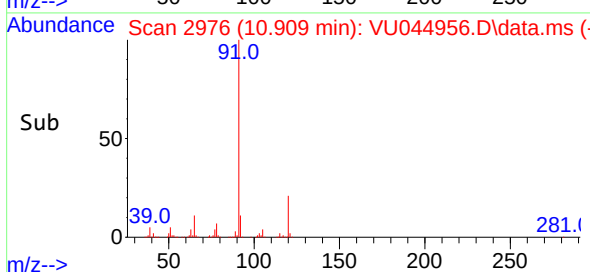
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

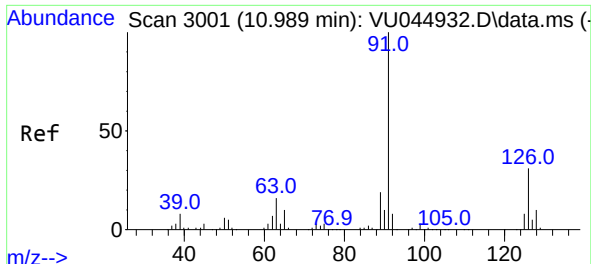


#78
n-propylbenzene
Concen: 48.706 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



Tgt Ion: 91 Resp: 626210
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4





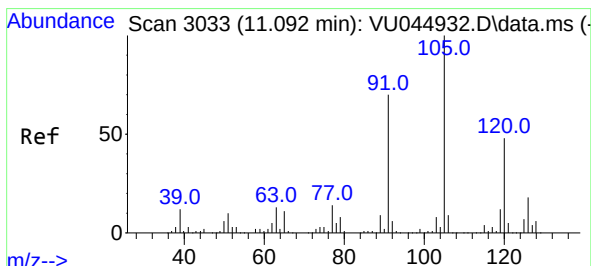
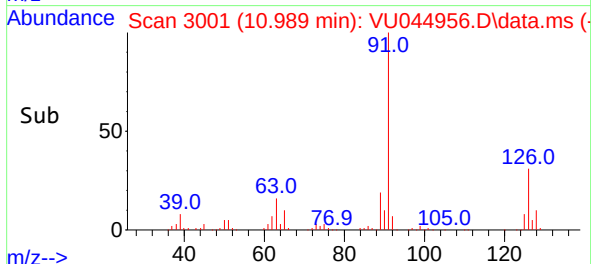
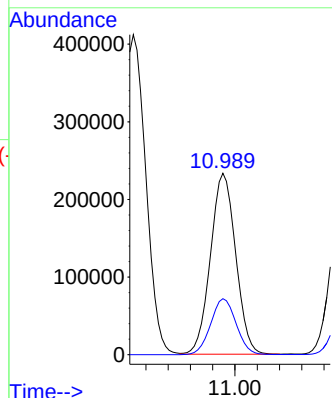
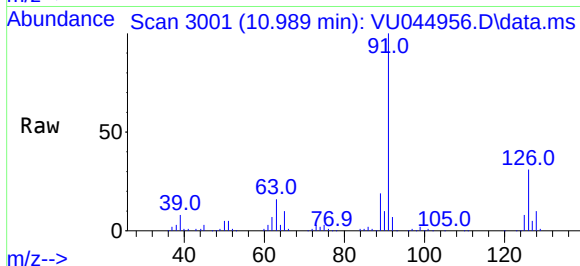
#79
2-Chlorotoluene
Concen: 45.422 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 36605
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.0

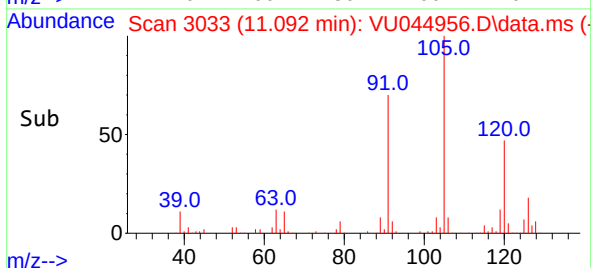
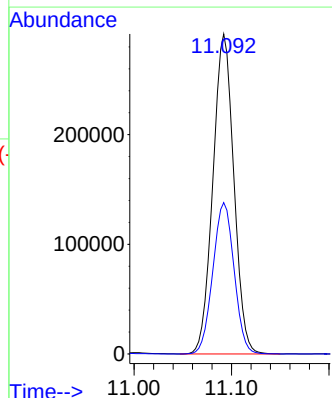
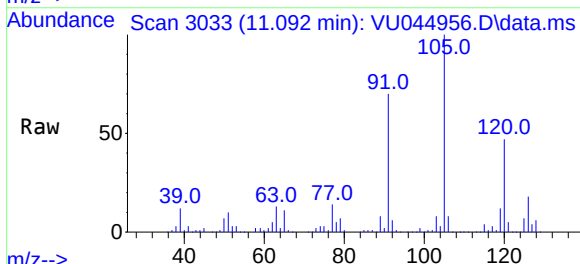
Manual Integrations
APPROVED

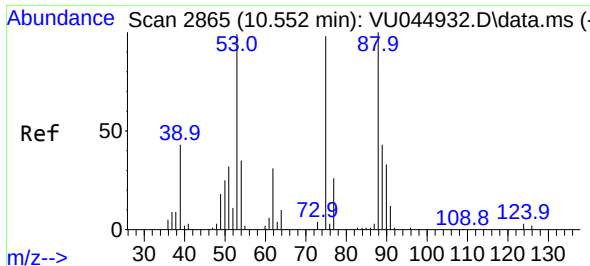
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 47.167 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

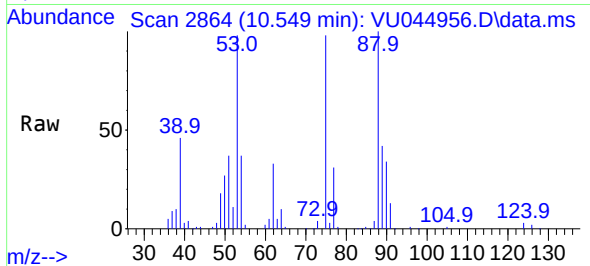
Tgt Ion:105 Resp: 435940
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 39.066 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

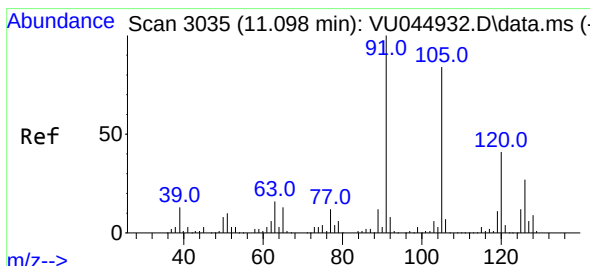
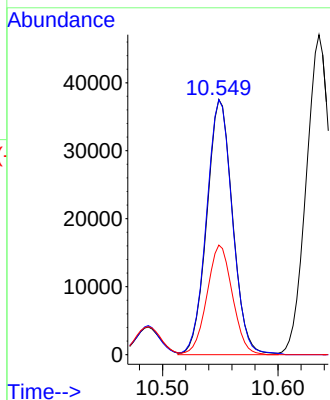
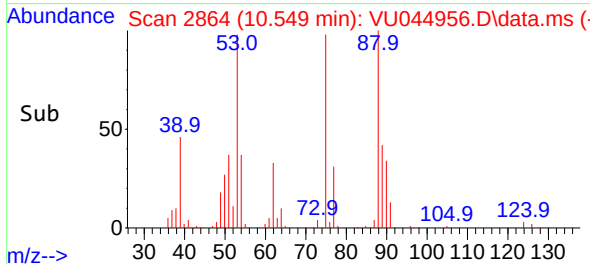
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5817
Ion Ratio Lower Upper
75 100
53 100.7 82.0 123.0
89 42.4 34.2 51.4

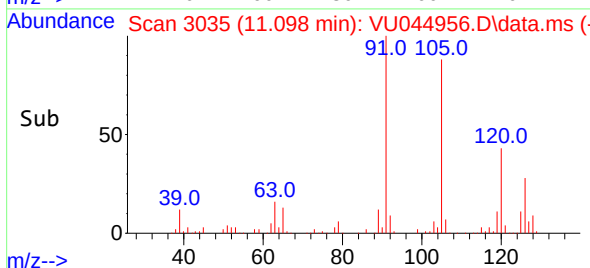
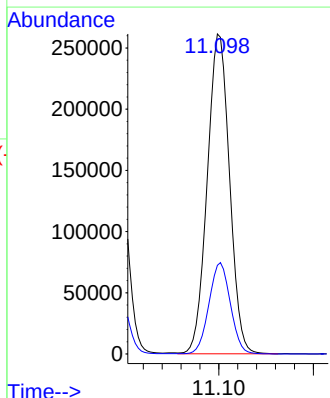
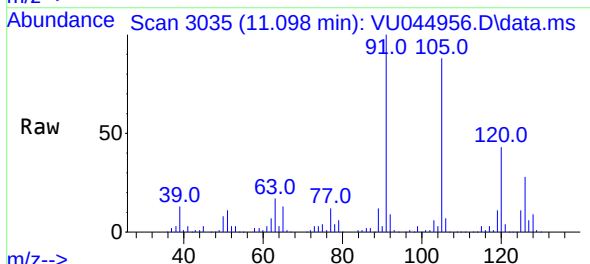
Manual Integrations
APPROVED

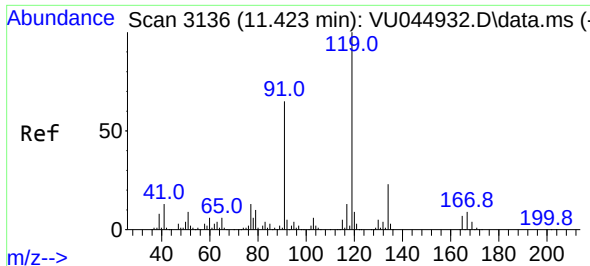
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#82
4-Chlorotoluene
Concen: 46.872 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

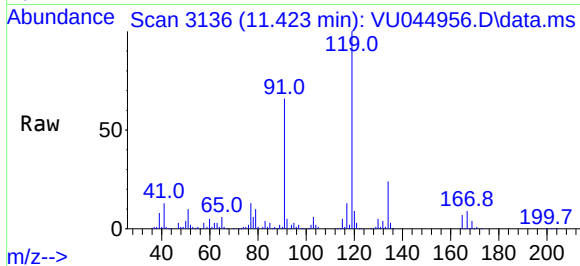
Tgt Ion: 91 Resp: 426965
Ion Ratio Lower Upper
91 100
126 27.5 13.8 41.4





#83
tert-Butylbenzene
Concen: 45.579 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

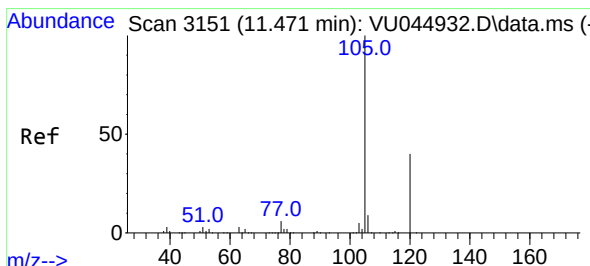
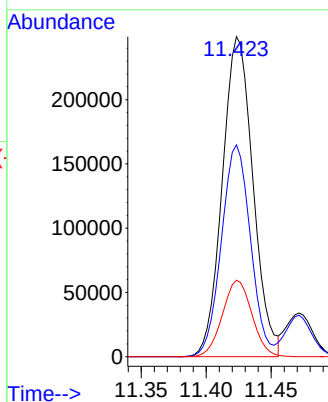
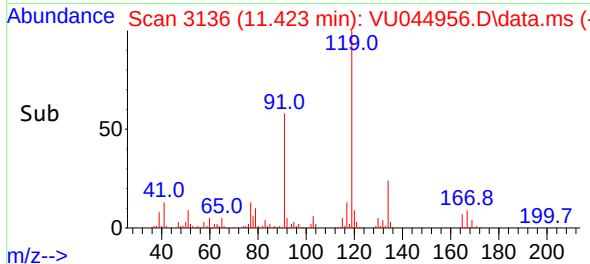
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 409749
Ion Ratio Lower Upper
119 100
91 62.7 30.4 91.2
134 23.0 11.5 34.5

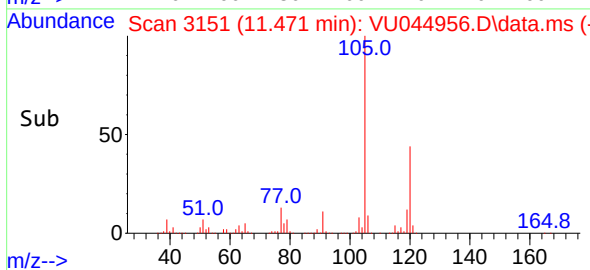
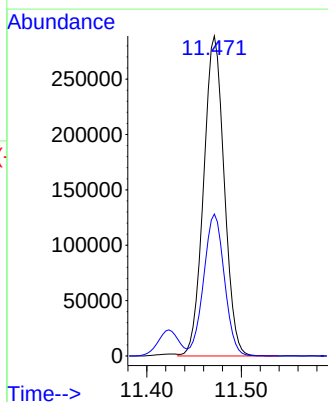
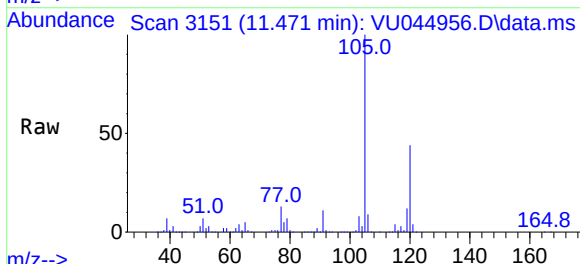
Manual Integrations
APPROVED

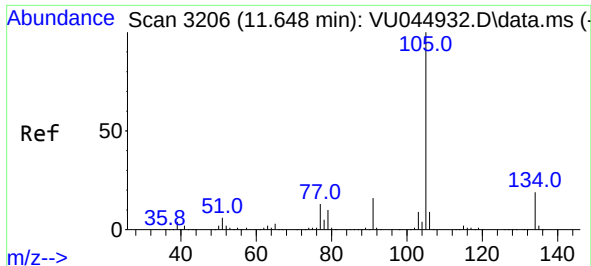
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 47.823 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Tgt Ion:105 Resp: 437284
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 47.369 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU044956.D
 Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

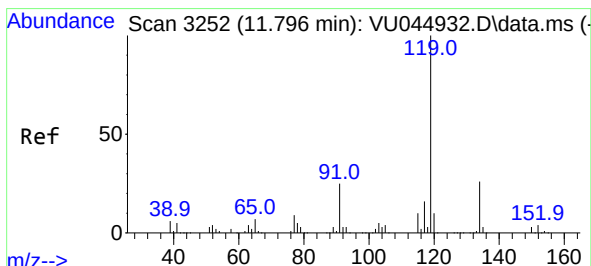
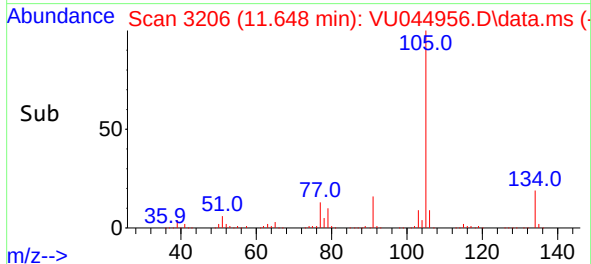
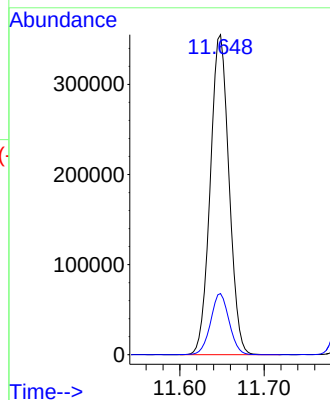
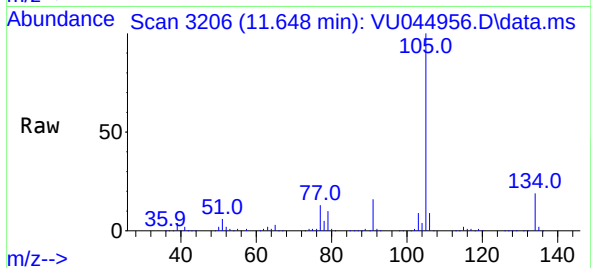
VSTDCCC050EC

Tgt Ion:105 Resp: 548390
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0

Manual Integrations

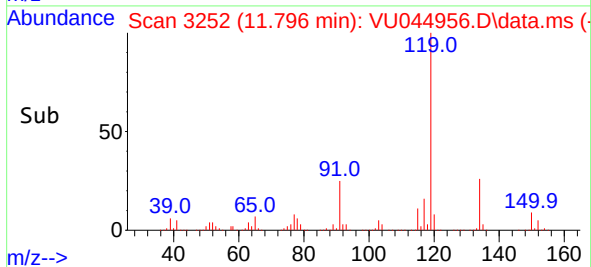
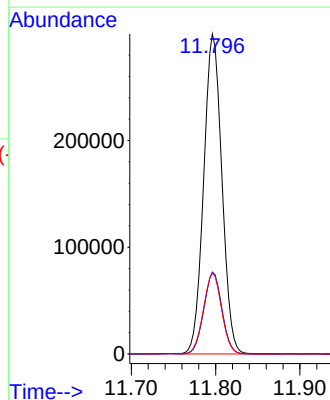
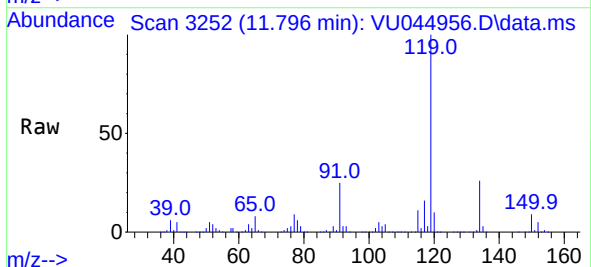
APPROVED

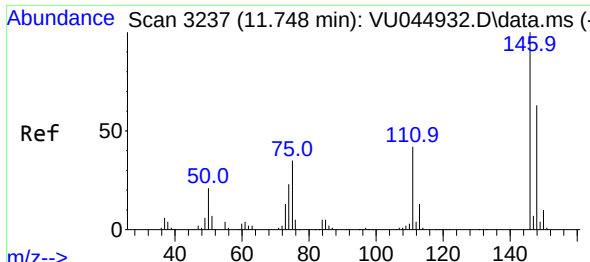
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#86
 p-Isopropyltoluene
 Concen: 48.440 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044956.D
 Acq: 28 Sep 2021 21:02

Tgt Ion:119 Resp: 451103
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 45.392 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 22145

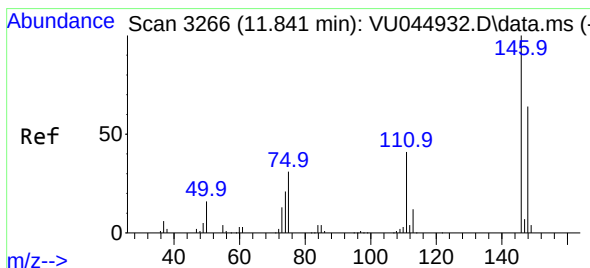
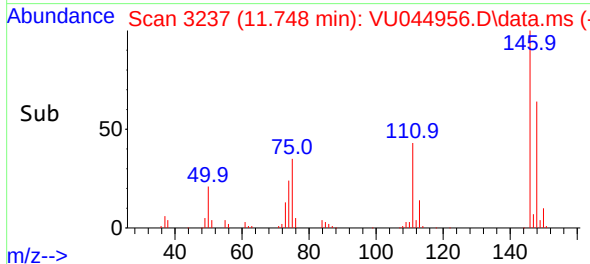
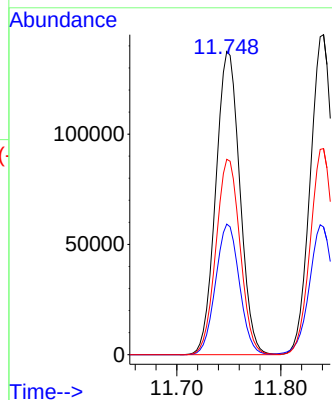
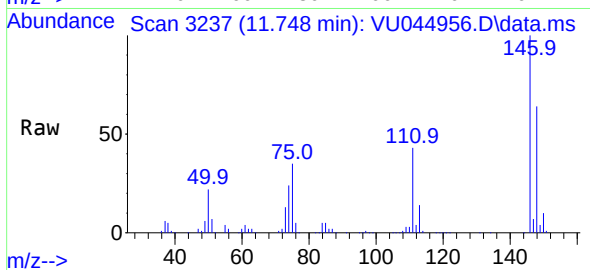
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	64.6	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#88

1,4-Dichlorobenzene

Concen: 45.531 ug/l

RT: 11.841 min Scan# 3266

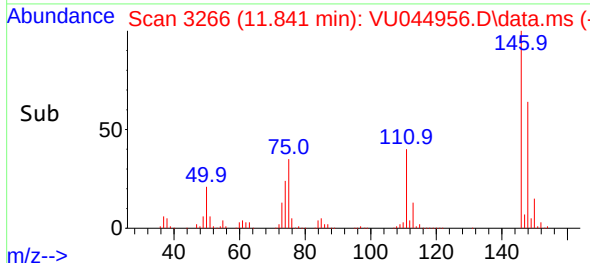
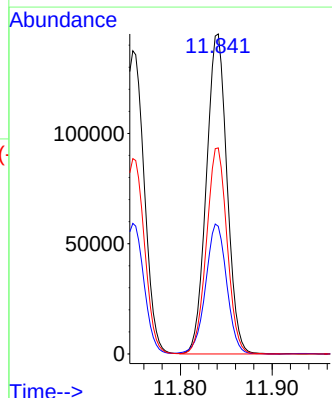
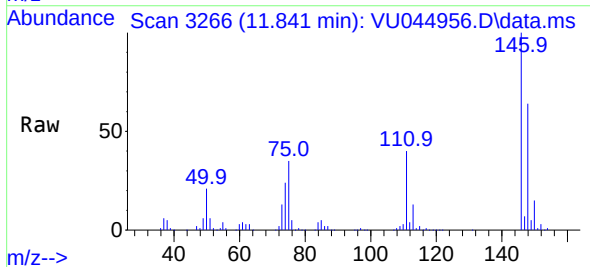
Delta R.T. 0.000 min

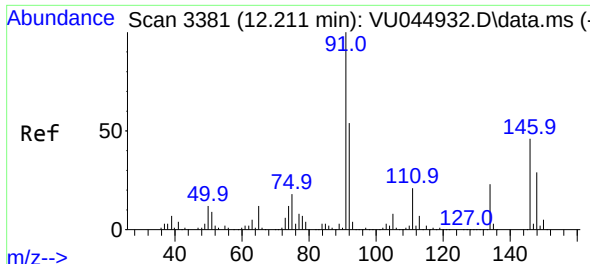
Lab File: VU044956.D

Acq: 28 Sep 2021 21:02

Tgt Ion:146 Resp: 227235

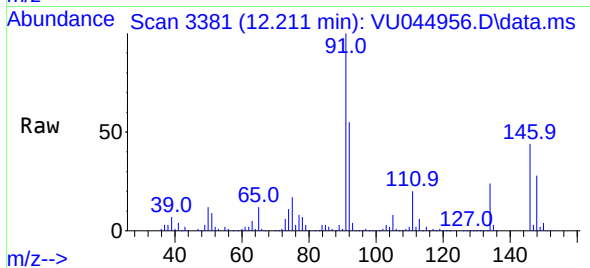
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	64.3	31.8	95.3





#89
n-Butylbenzene
Concen: 49.400 ug/l
RT: 12.211 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

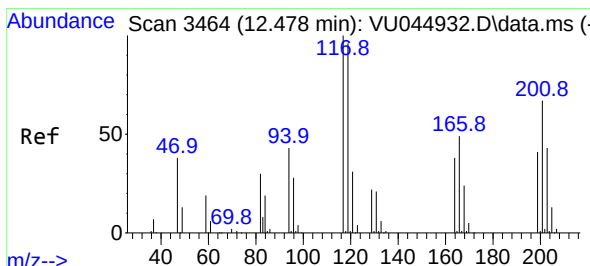
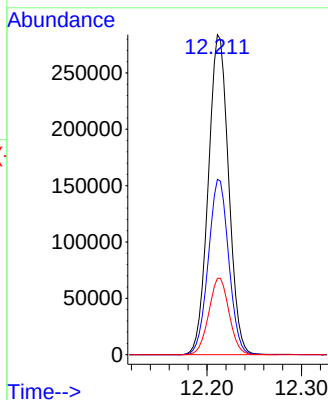
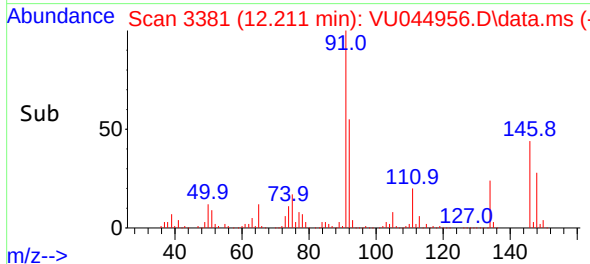
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



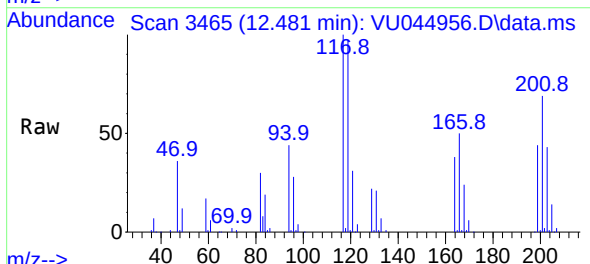
Tgt Ion: 91 Resp: 42372
Ion Ratio Lower Upper
91 100
92 55.0 26.8 80.4
134 23.9 11.8 35.4

Manual Integrations
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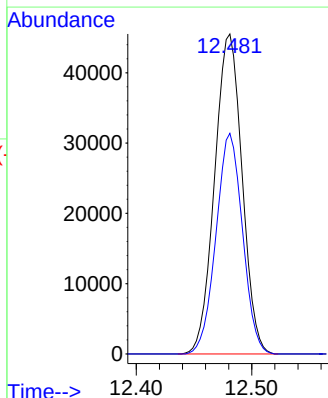
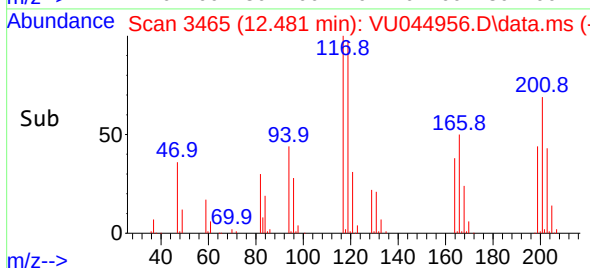
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

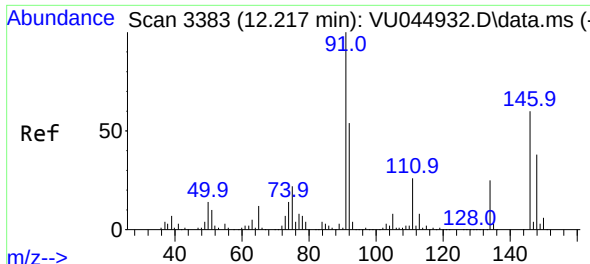


#90
Hexachloroethane
Concen: 44.727 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



Tgt Ion:117 Resp: 75215
Ion Ratio Lower Upper
117 100
201 66.5 34.8 104.3





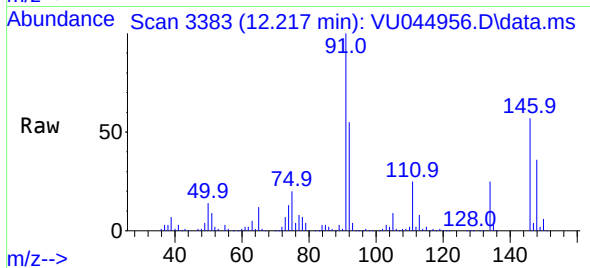
#91
1,2-Dichlorobenzene
Concen: 44.770 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

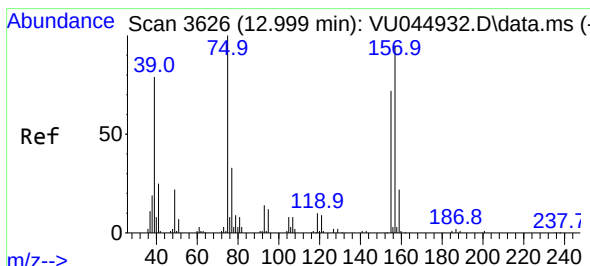
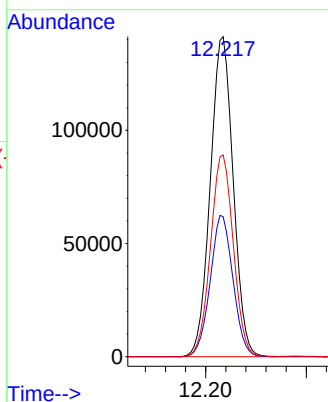
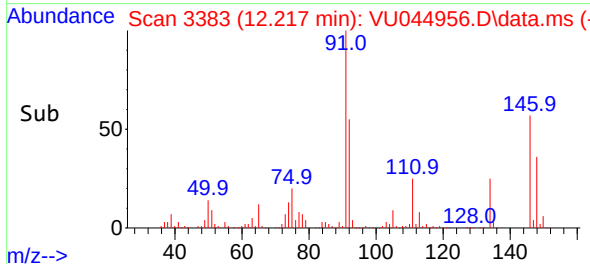


Tgt Ion:146 Resp: 223270
Ion Ratio Lower Upper
146 100
111 43.9 21.4 64.3
148 63.0 31.8 95.3

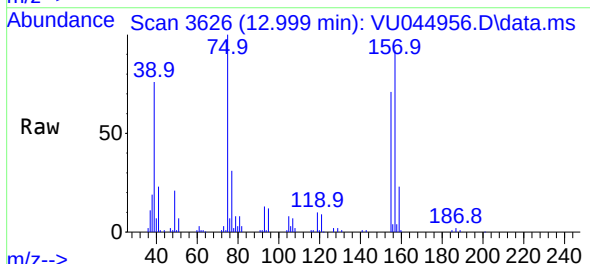
Manual Integrations

APPROVED

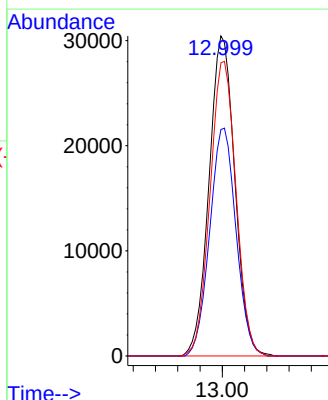
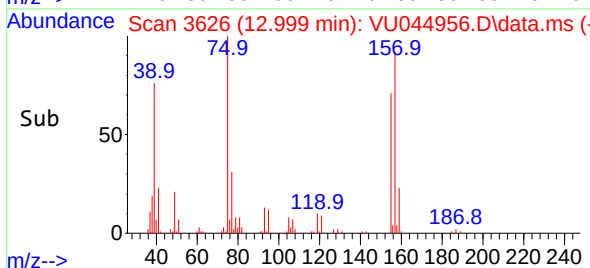
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

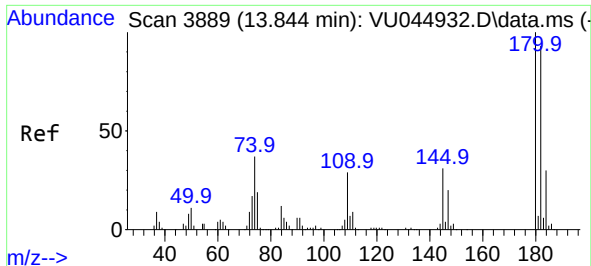


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.493 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



Tgt Ion: 75 Resp: 49000
Ion Ratio Lower Upper
75 100
155 72.5 36.9 110.6
157 92.6 47.8 143.3





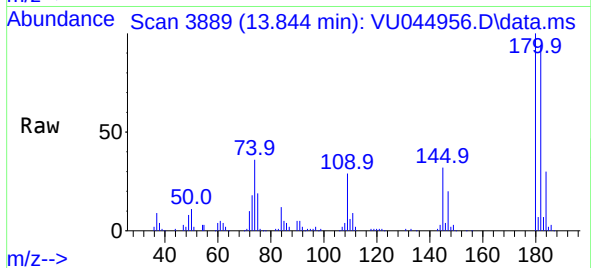
#93
1,2,4-Trichlorobenzene
Concen: 50.232 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

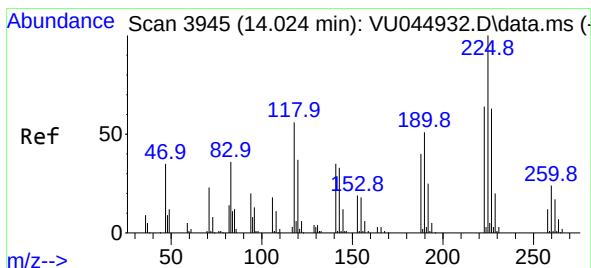
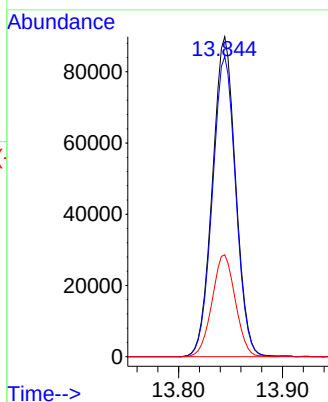
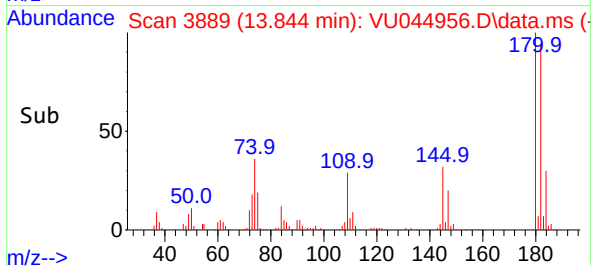


Tgt Ion:180 Resp: 139609
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.3
145 31.9 15.4 46.2

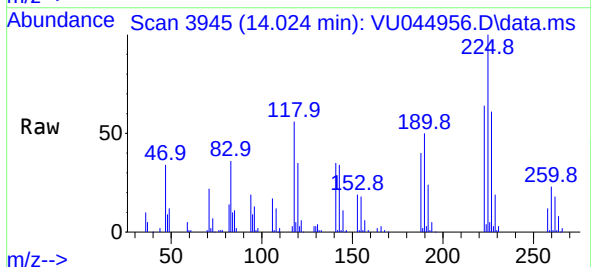
Manual Integrations

APPROVED

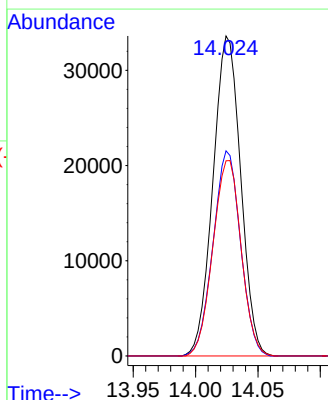
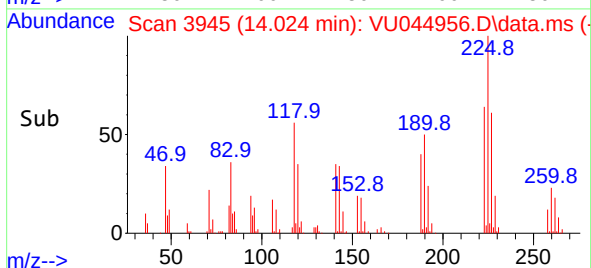
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

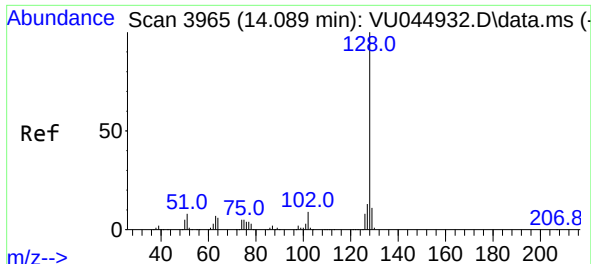


#94
Hexachlorobutadiene
Concen: 44.852 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



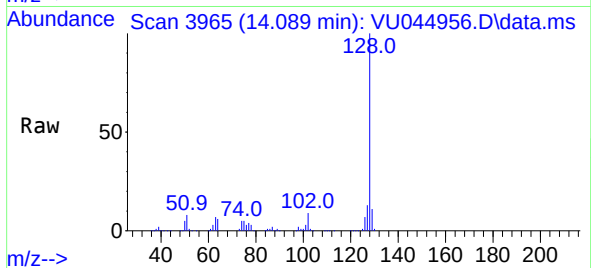
Tgt Ion:225 Resp: 52037
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.3
227 62.2 31.4 94.3





#95
Naphthalene
Concen: 50.593 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02

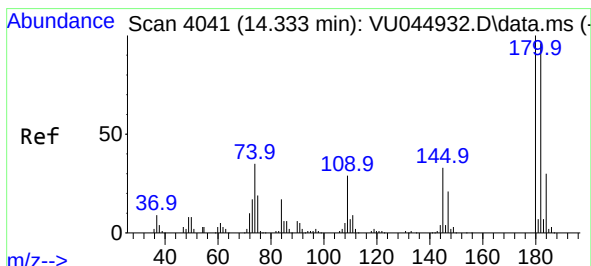
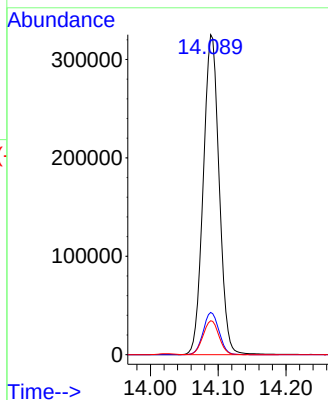
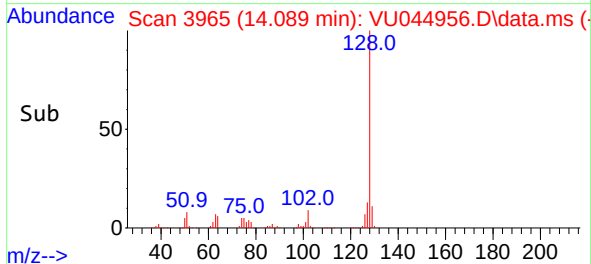
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



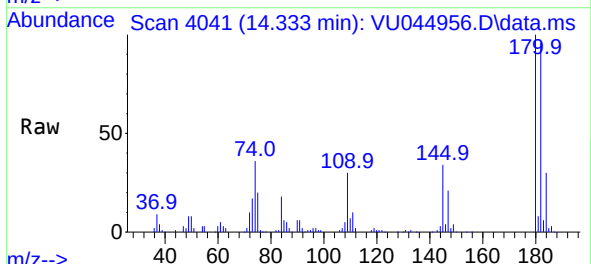
Tgt Ion:128 Resp: 528854
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 50.051 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044956.D
Acq: 28 Sep 2021 21:02



Tgt Ion:180 Resp: 139704
Ion Ratio Lower Upper
180 100
182 94.9 47.1 141.4
145 33.7 16.4 49.2

