

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040222\
 Data File : VU047802.D
 Acq On : 02 Apr 2022 15:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 04 09:05:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 04 09:00:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	297408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	442002	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	428503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	257759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	166510	52.187	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.380%			
35) Dibromofluoromethane	5.292	113	152266	51.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	7.899	98	536820	50.268	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.540%			
62) 4-Bromofluorobenzene	10.632	95	205636	49.444	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	169179	50.821	ug/l	100
3) Chloromethane	1.523	50	177345	47.771	ug/l	98
4) Vinyl Chloride	1.607	62	181365	52.044	ug/l	100
5) Bromomethane	1.848	94	125481	54.677	ug/l	97
6) Chloroethane	1.932	64	111055	48.698	ug/l	95
7) Trichlorofluoromethane	2.137	101	244615	50.177	ug/l	97
8) Diethyl Ether	2.379	74	93810	50.266	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	145622	49.948	ug/l	98
10) Methyl Iodide	2.726	142	159873	52.410	ug/l	100
11) Tert butyl alcohol	3.189	59	218593m	244.494	ug/l	
12) 1,1-Dichloroethene	2.581	96	141993	49.917	ug/l	97
13) Acrolein	2.488	56	79398	187.401	ug/l	99
14) Allyl chloride	2.925	41	209993	51.931	ug/l	98
15) Acrylonitrile	3.314	53	511880	238.658	ug/l	100
16) Acetone	2.626	43	416796	179.170	ug/l	100
17) Carbon Disulfide	2.797	76	406724	48.531	ug/l	100
18) Methyl Acetate	2.948	43	215163	49.430	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	468322	52.227	ug/l	98
20) Methylene Chloride	3.047	84	167318	48.430	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	160212	51.639	ug/l	96
22) Diisopropyl ether	3.993	45	429732	53.435	ug/l #	82
23) Vinyl Acetate	3.957	43	1945284	266.648	ug/l	99
24) 1,1-Dichloroethane	3.870	63	275439	52.075	ug/l	99
25) 2-Butanone	4.700	43	679361	231.902	ug/l	97
26) 2,2-Dichloropropane	4.668	77	229865	49.036	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	182706	51.871	ug/l	99
28) Bromochloromethane	4.977	49	107637	56.890	ug/l	98
29) Tetrahydrofuran	5.050	42	433080	238.875	ug/l	99
30) Chloroform	5.089	83	293136	51.437	ug/l	98
31) Cyclohexane	5.391	56	235696	49.540	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	253826	51.650	ug/l	99
36) 1,1-Dichloropropene	5.530	75	214150	51.175	ug/l	99
37) Ethyl Acetate	4.803	43	251169	44.571	ug/l #	91
38) Carbon Tetrachloride	5.526	117	231580	51.887	ug/l	100
39) Methylcyclohexane	6.764	83	256526	50.139	ug/l	99
40) Benzene	5.774	78	641185	51.553	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	128554	50.523	ug/l	96
42) 1,2-Dichloroethane	5.796	62	223293	51.567	ug/l	99
43) Isopropyl Acetate	5.912	43	355728	50.303	ug/l	99
44) Trichloroethene	6.542	130	181705	50.390	ug/l	96
45) 1,2-Dichloropropane	6.793	63	164418	52.504	ug/l	99
46) Dibromomethane	6.919	93	126188	51.021	ug/l	99
47) Bromodichloromethane	7.105	83	236034	51.846	ug/l	99
48) Methyl methacrylate	6.960	41	168769	52.119	ug/l	100
49) 1,4-Dioxane	6.970	88	96269	973.298	ug/l #	3
51) 4-Methyl-2-Pentanone	7.790	43	1283371	247.904	ug/l	100
52) Toluene	7.970	92	413736	52.008	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	256343	50.515	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	271347	52.061	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	171909	50.525	ug/l	98
56) Ethyl methacrylate	8.333	69	257627	52.736	ug/l	99
57) 1,3-Dichloropropane	8.574	76	282690	51.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.462	63	106485	271.138	ug/l	99
59) 2-Hexanone	8.684	43	1054992	248.490	ug/l	99
60) Dibromochloromethane	8.812	129	200508	51.315	ug/l	100
61) 1,2-Dibromoethane	8.925	107	197188	51.047	ug/l	99
64) Tetrachloroethene	8.555	164	157224	49.613	ug/l	98
65) Chlorobenzene	9.446	112	465557	50.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	175338	52.096	ug/l	99
67) Ethyl Benzene	9.571	91	786946	52.597	ug/l	100
68) m/p-Xylenes	9.693	106	631622	107.360	ug/l	100
69) o-Xylene	10.102	106	304087	53.975	ug/l	99
70) Styrene	10.115	104	512184	54.729	ug/l	100
71) Bromoform	10.291	173	175358	50.971	ug/l	100
73) Isopropylbenzene	10.484	105	781576	51.847	ug/l	99
74) N-amyl acetate	10.320	43	315368	52.933	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.783	83	322111	51.173	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	362283	50.208	ug/l	98
77) Bromobenzene	10.783	156	222028	51.253	ug/l	98
78) n-propylbenzene	10.906	91	937310	52.043	ug/l	99
79) 2-Chlorotoluene	10.986	91	552562	51.058	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	670735	52.769	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	101493	50.066	ug/l	99
82) 4-Chlorotoluene	11.095	91	647195	51.476	ug/l	99
83) tert-Butylbenzene	11.420	119	671596	51.393	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	670211	53.060	ug/l	99
85) sec-Butylbenzene	11.645	105	824300	51.680	ug/l	99
86) p-Isopropyltoluene	11.793	119	717458	52.466	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	422902	49.035	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	427889	48.440	ug/l	99
89) n-Butylbenzene	12.208	91	647147	50.641	ug/l	100
90) Hexachloroethane	12.475	117	137042	49.541	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	428950	51.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	82668	52.716	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	326554	54.951	ug/l	99
94) Hexachlorobutadiene	14.021	225	147577	49.223	ug/l	100
95) Naphthalene	14.085	128	995884	56.239	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	321661	55.502	ug/l	99

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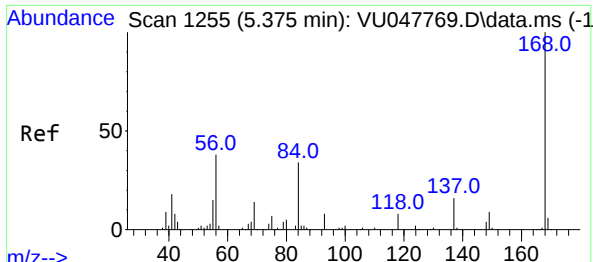
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Apr 04 09:00:10 2022
Response via : Initial Calibration

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



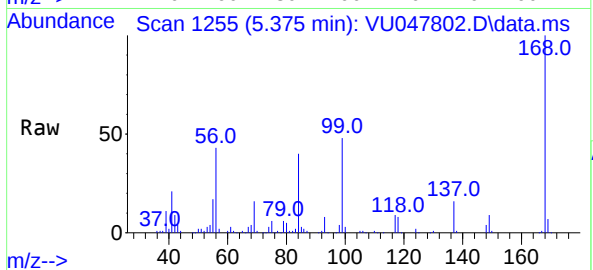
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

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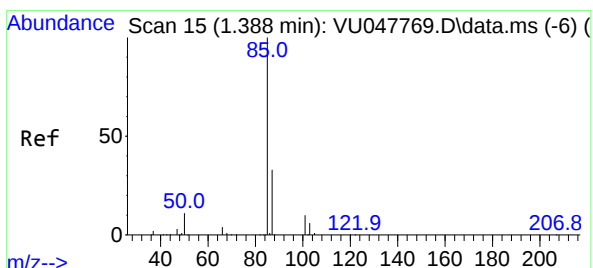
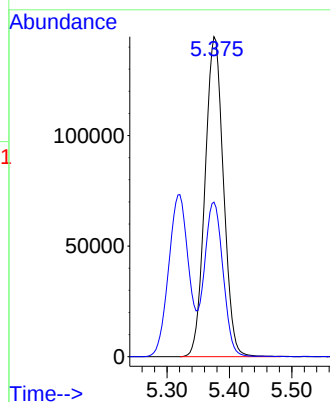
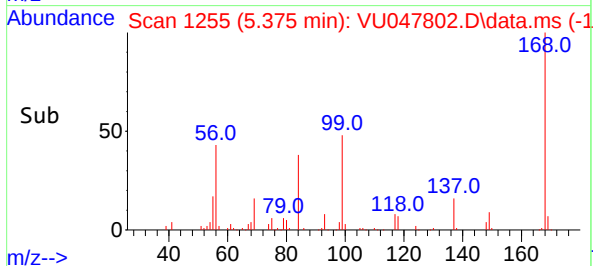
Tgt Ion:168 Resp: 297408
Ion Ratio Lower Upper
168 100
99 48.2 39.3 58.9

Manual Integrations

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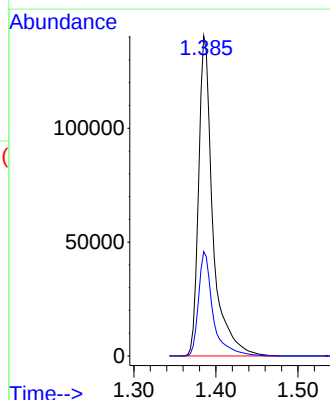
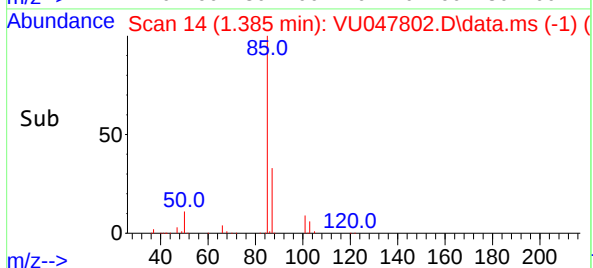
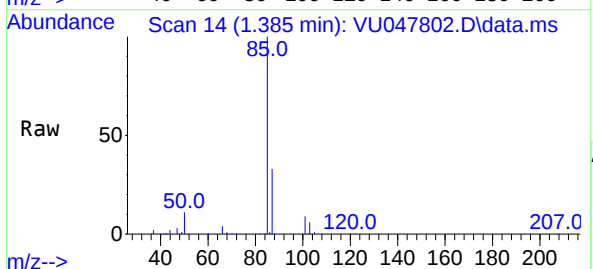
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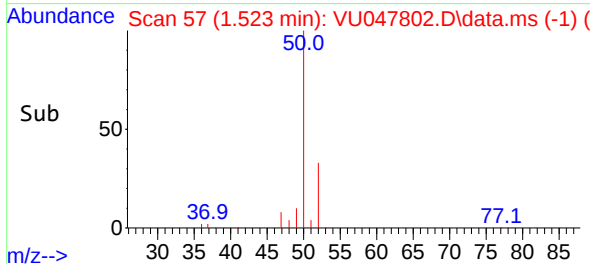
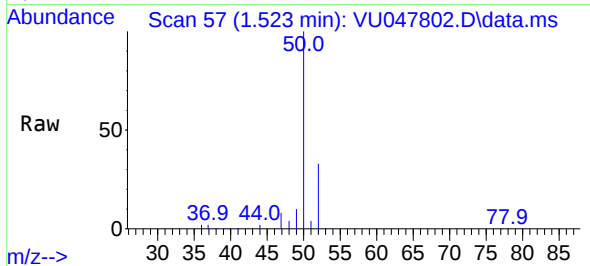
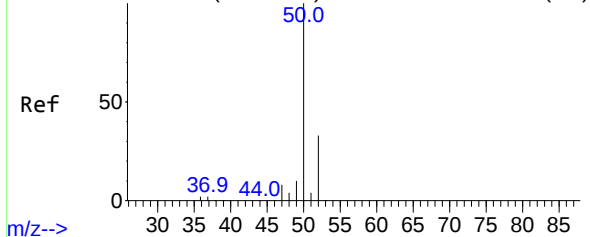


#2
Dichlorodifluoromethane
Concen: 50.821 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

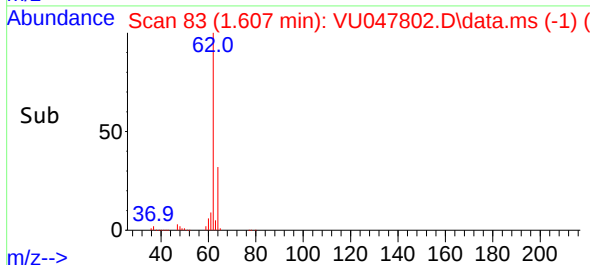
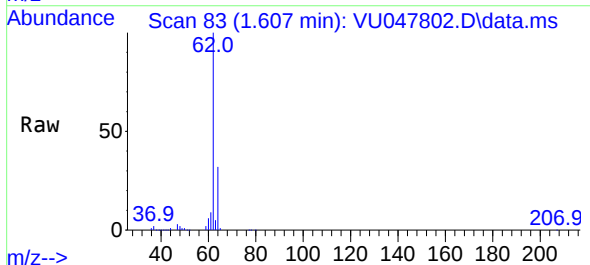
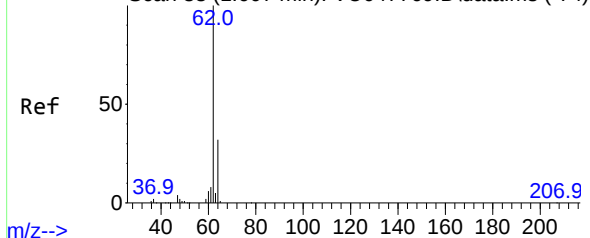
Tgt Ion: 85 Resp: 169179
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2



Abundance Scan 57 (1.523 min): VU047769.D\data.ms (-47)



Abundance Scan 83 (1.607 min): VU047769.D\data.ms (-74)



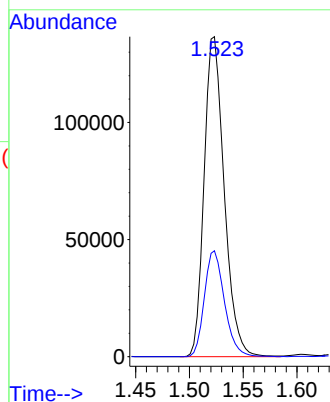
#3
Chloromethane
Concen: 47.771 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Tgt Ion: 50 Resp: 177349
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.2

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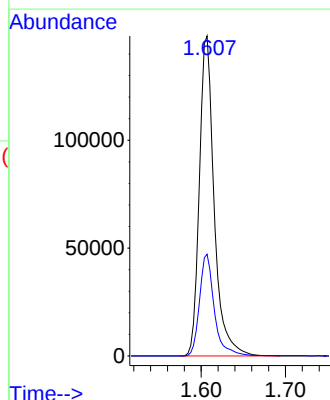
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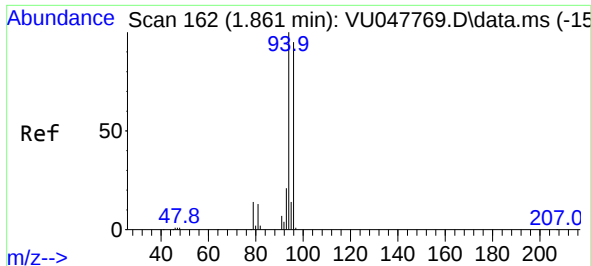
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#4
Vinyl Chloride
Concen: 52.044 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

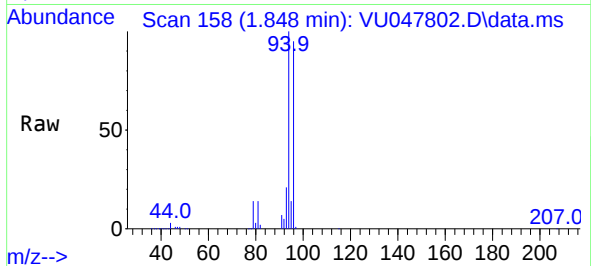
Tgt Ion: 62 Resp: 181365
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9





#5
Bromomethane
Concen: 54.677 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

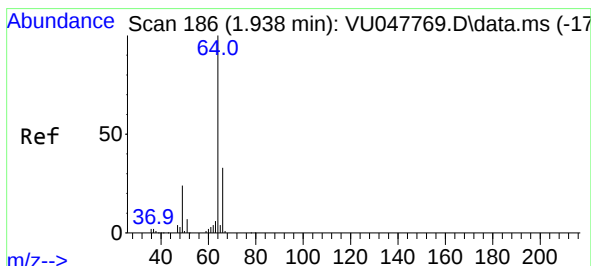
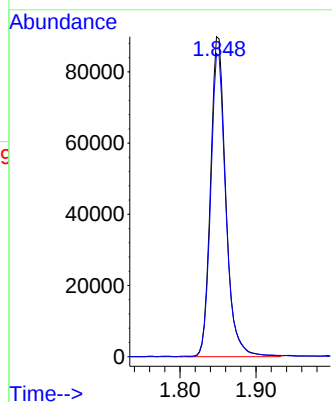
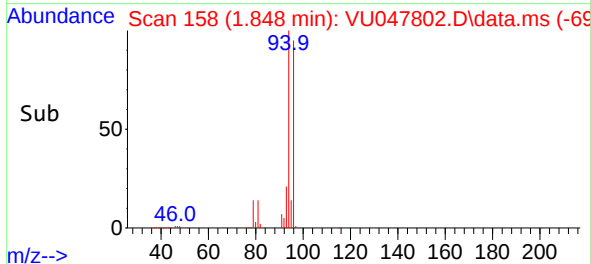
Instrument :
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Tgt Ion: 94 Resp: 12548
Ion Ratio Lower Upper
94 100
96 94.6 73.7 110.5

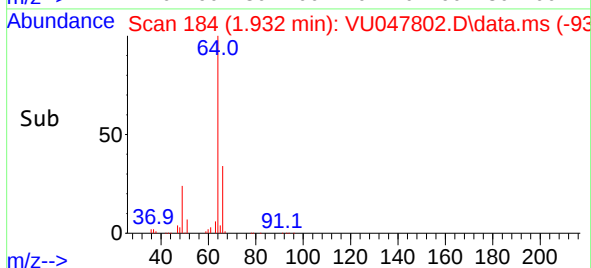
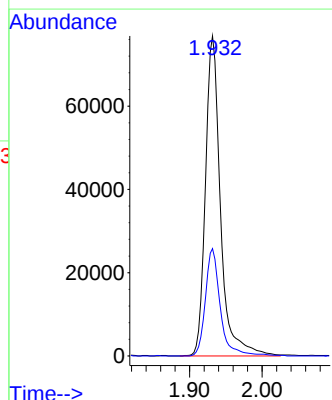
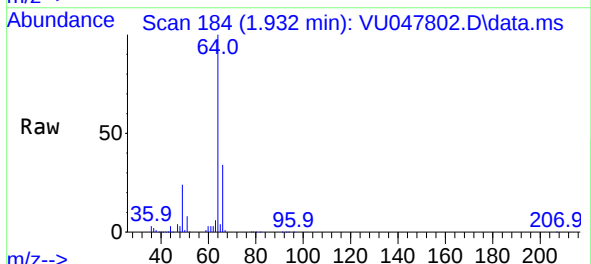
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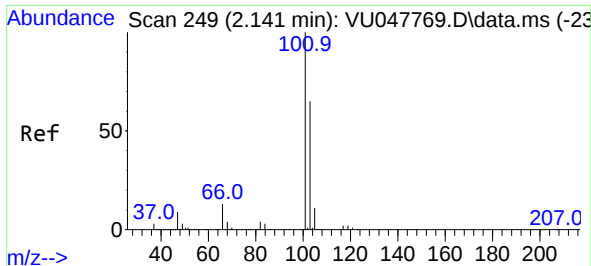
Reviewed By :John Carlone 04/04/2022
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#6
Chloroethane
Concen: 48.698 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.007 min
Lab File: VU047802.D
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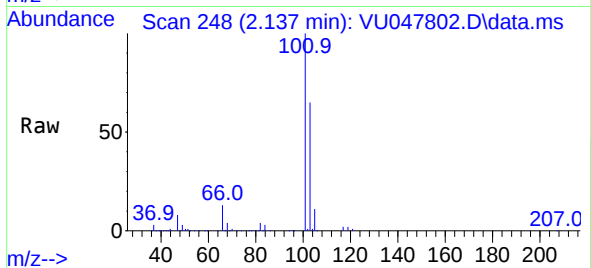
Tgt Ion: 64 Resp: 111055
Ion Ratio Lower Upper
64 100
66 33.6 24.7 37.1





#7
Trichlorofluoromethane
Concen: 50.177 ug/l
RT: 2.137 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU047802.D
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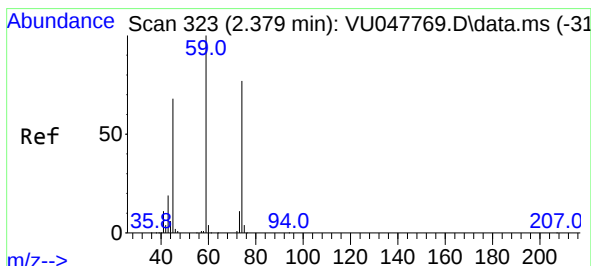
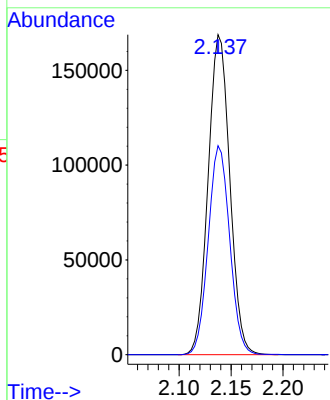
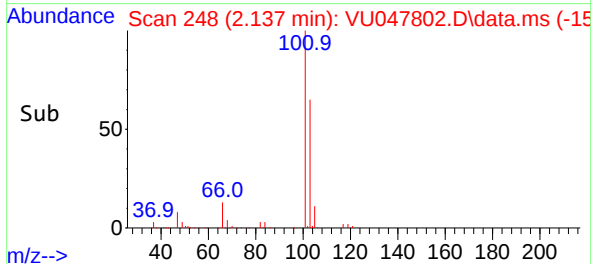
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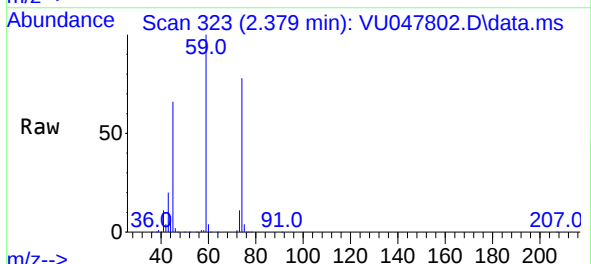
Tgt Ion:101 Resp: 244615
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8

Manual Integrations
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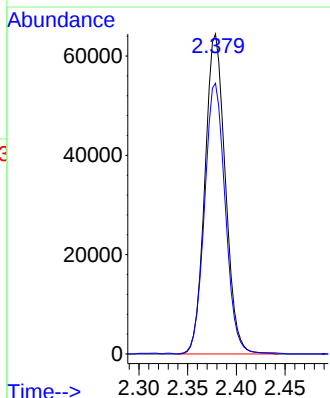
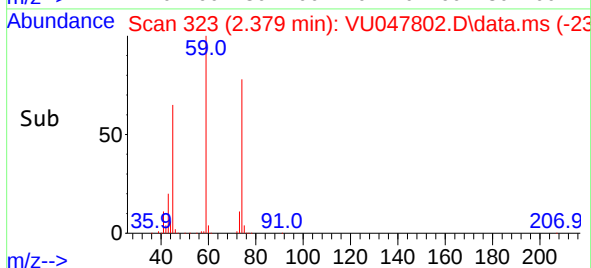
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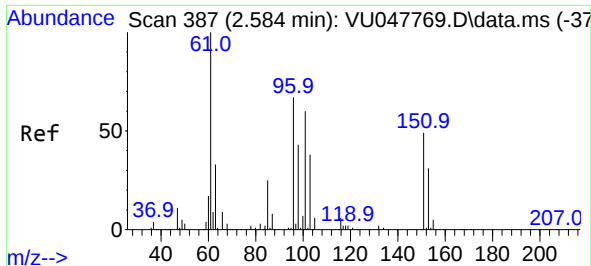


#8
Diethyl Ether
Concen: 50.266 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.000 min
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Acq: 02 Apr 2022 15:41



Tgt Ion: 74 Resp: 93810
Ion Ratio Lower Upper
74 100
45 86.2 44.4 133.2





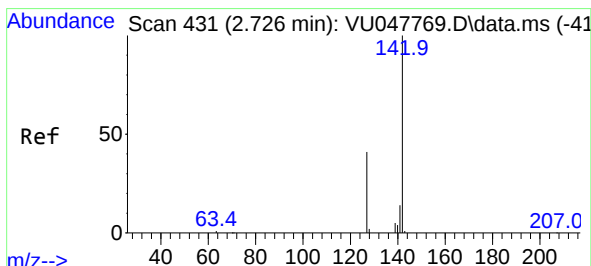
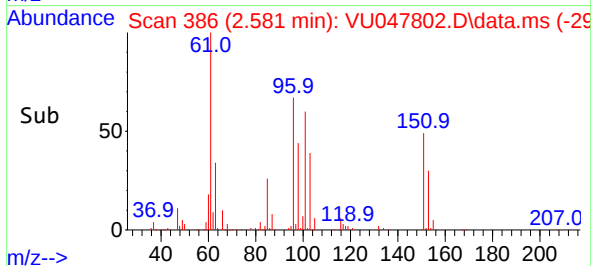
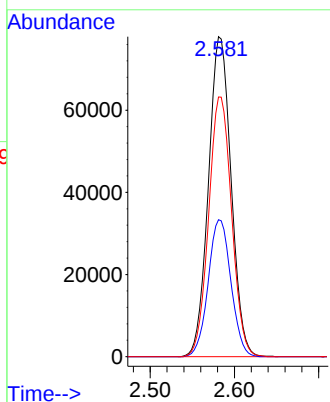
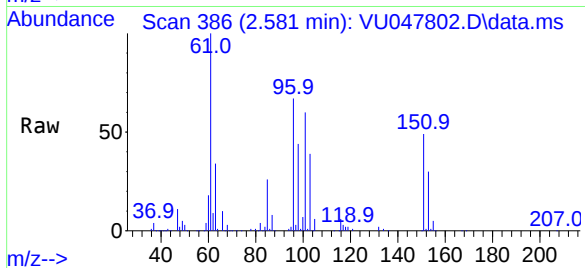
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.948 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14562
Ion Ratio Lower Upper
101 100
85 42.9 33.9 50.9
151 82.1 64.0 96.0

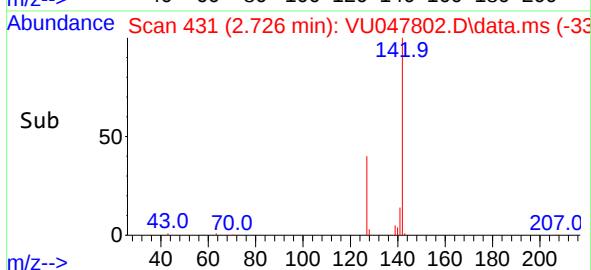
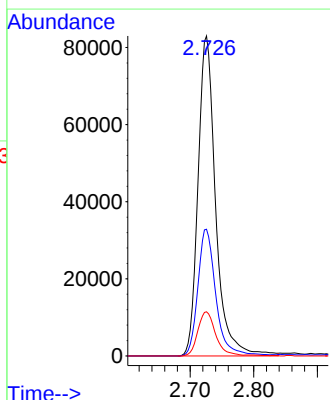
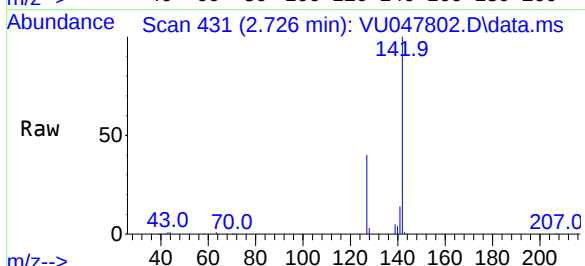
Manual Integrations
APPROVED

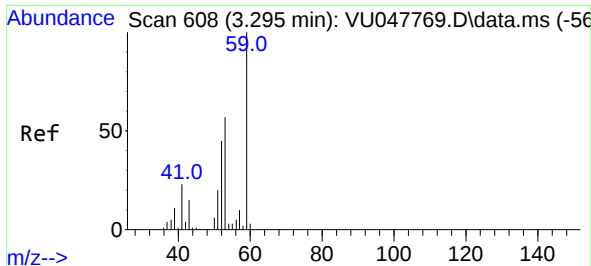
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#10
Methyl Iodide
Concen: 52.410 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

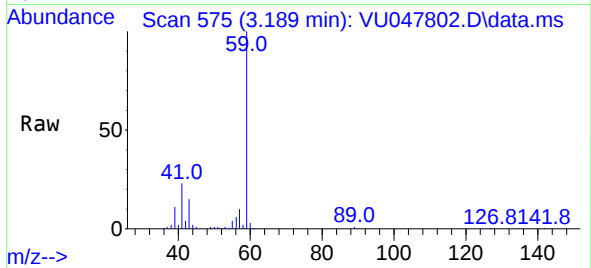
Tgt Ion:142 Resp: 159873
Ion Ratio Lower Upper
142 100
127 40.6 32.5 48.7
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 244.494 ug/l m
RT: 3.189 min Scan# 51
Delta R.T. -0.106 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

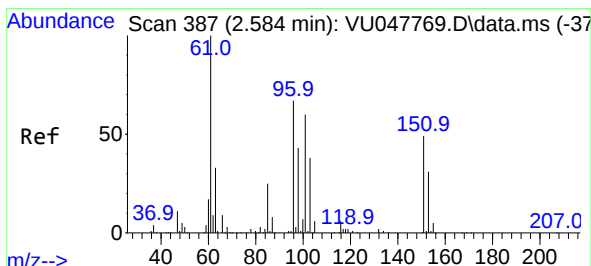
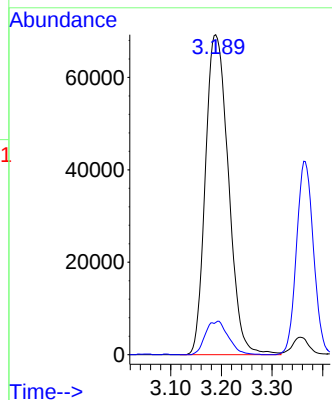
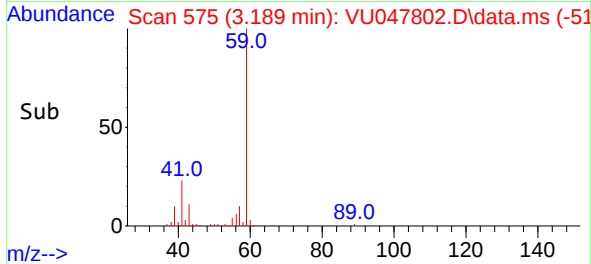
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



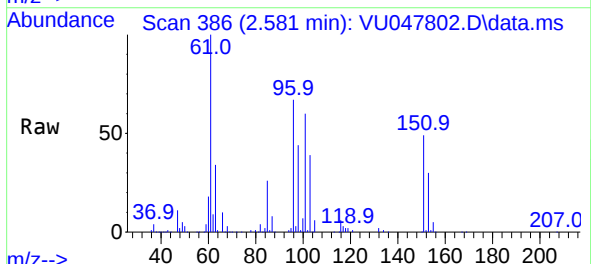
Tgt Ion: 59 Resp: 21859
Ion Ratio Lower Upper
59 100
57 44.5 30.6 45.8

Manual Integrations
APPROVED

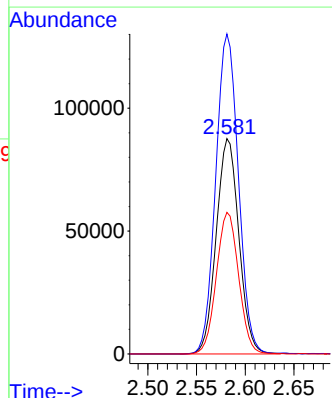
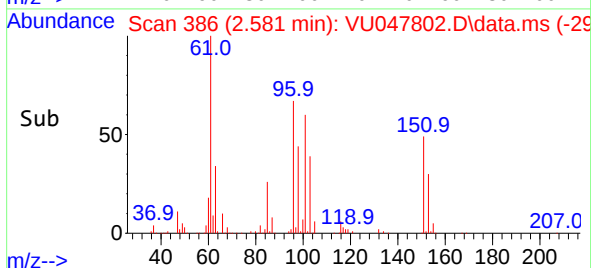
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

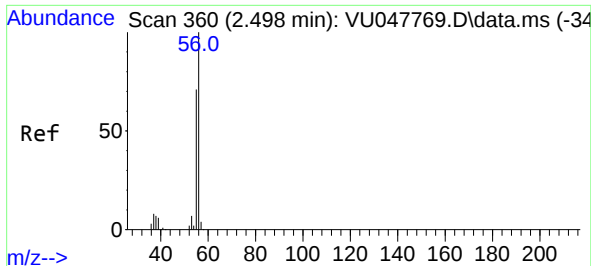


#12
1,1-Dichloroethene
Concen: 49.917 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



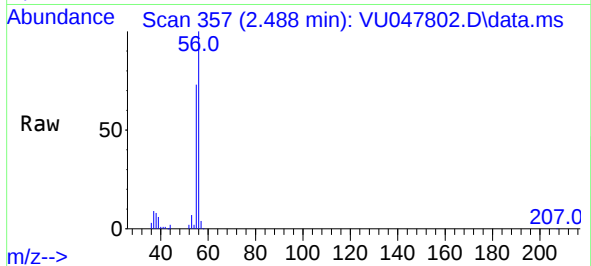
Tgt Ion: 96 Resp: 141993
Ion Ratio Lower Upper
96 100
61 148.6 122.2 183.2
98 65.8 50.7 76.1





#13
Acrolein
Concen: 187.401 ug/l
RT: 2.488 min Scan# 301
Delta R.T. -0.010 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

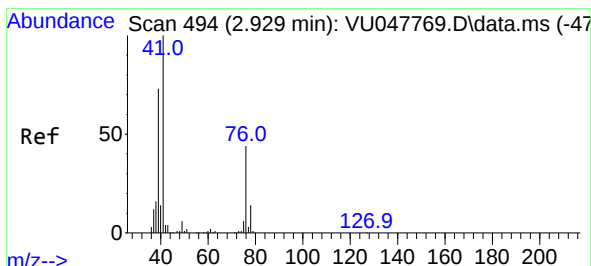
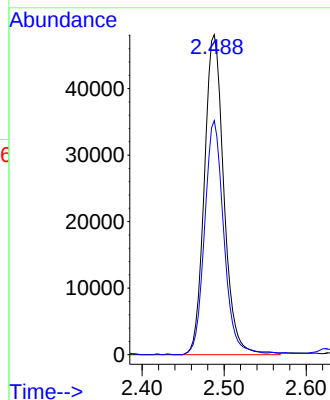
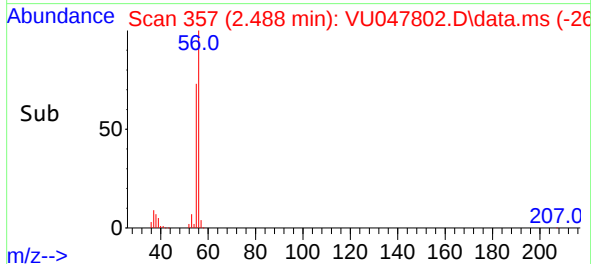
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 79398
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

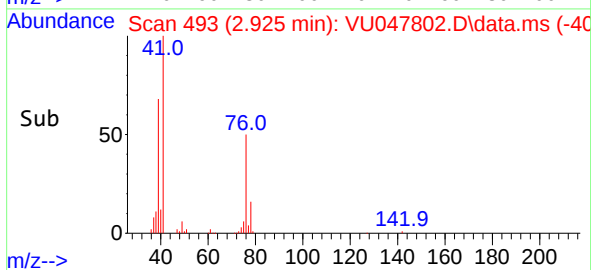
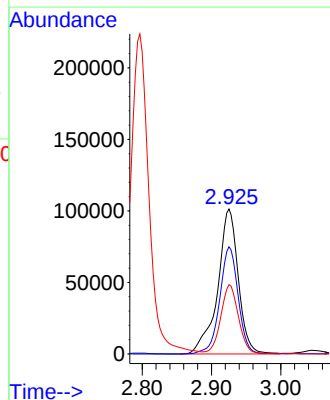
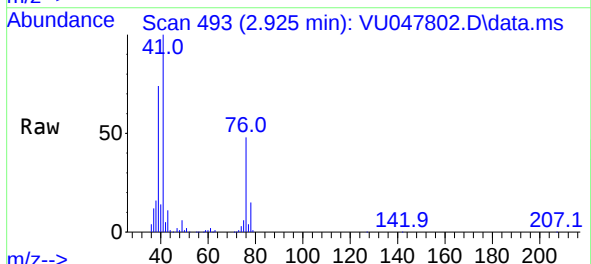
Manual Integrations
APPROVED

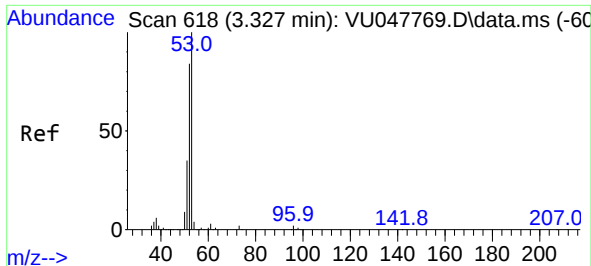
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#14
Allyl chloride
Concen: 51.931 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

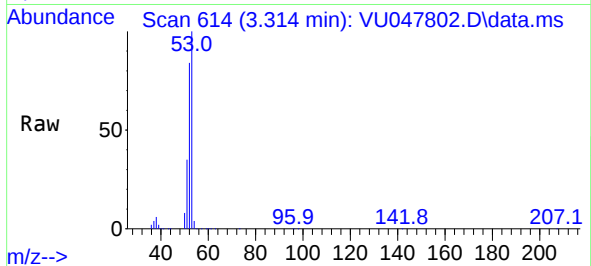
Tgt Ion: 41 Resp: 209993
Ion Ratio Lower Upper
41 100
39 66.1 53.4 80.2
76 40.5 33.8 50.6





#15
Acrylonitrile
Concen: 238.658 ug/l
RT: 3.314 min Scan# 618
Delta R.T. -0.013 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

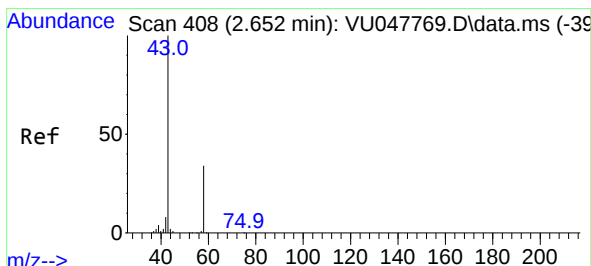
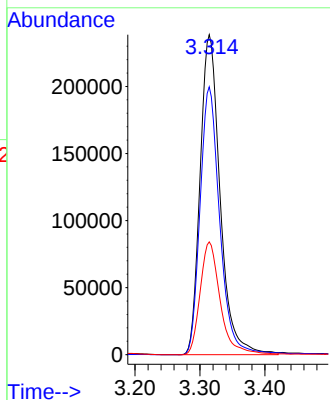
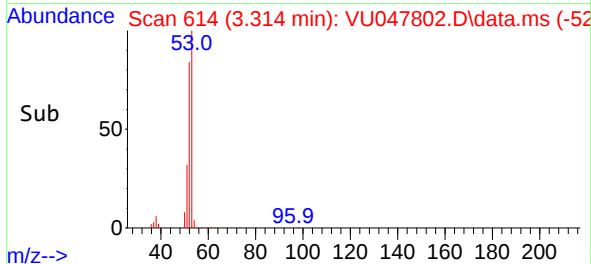
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 511880
Ion Ratio Lower Upper
53 100
52 82.4 65.7 98.5
51 35.6 28.2 42.4

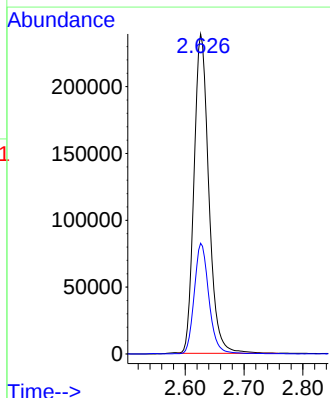
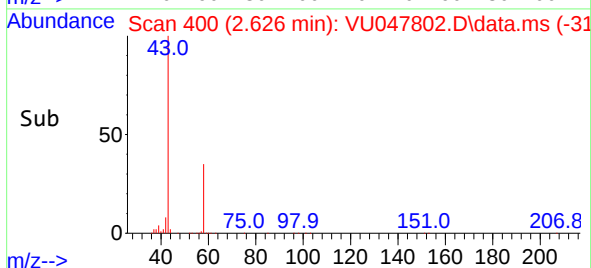
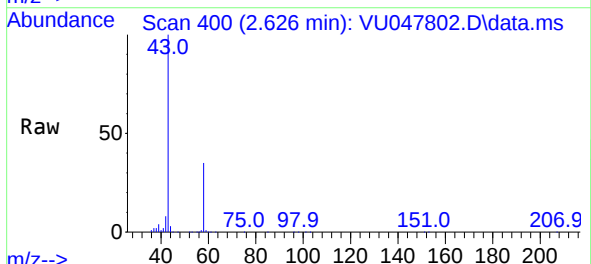
Manual Integrations
APPROVED

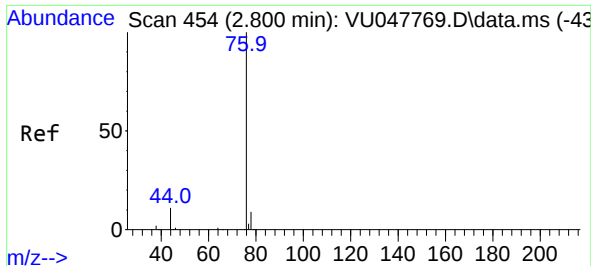
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#16
Acetone
Concen: 179.170 ug/l
RT: 2.626 min Scan# 408
Delta R.T. -0.026 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

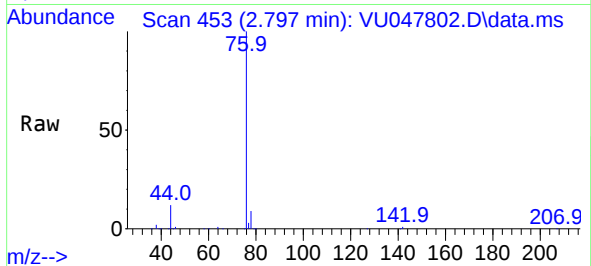
Tgt Ion: 43 Resp: 416796
Ion Ratio Lower Upper
43 100
58 34.6 27.5 41.3





#17
Carbon Disulfide
Concen: 48.531 ug/l
RT: 2.797 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

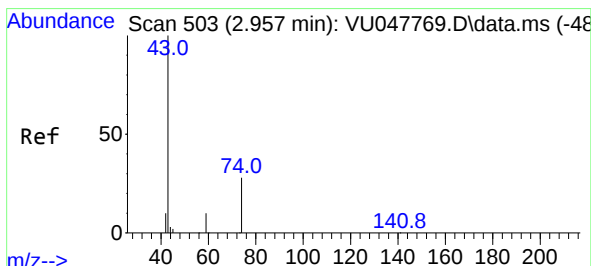
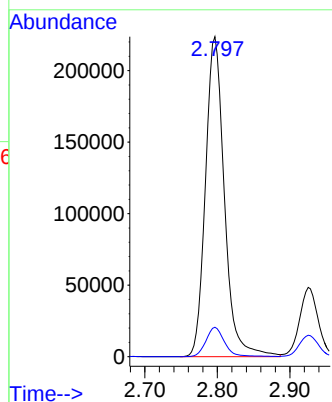
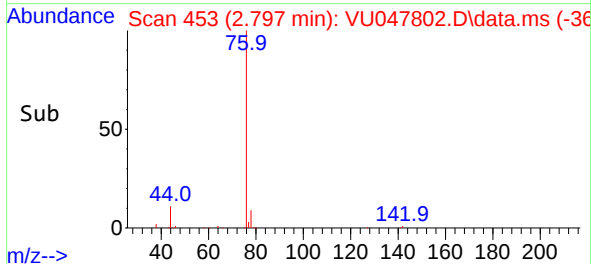
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 406724
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

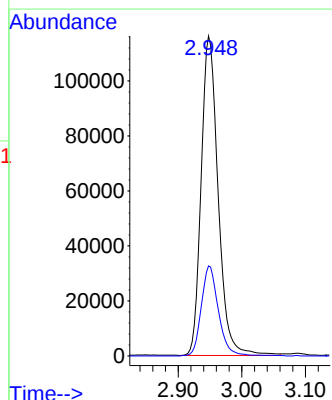
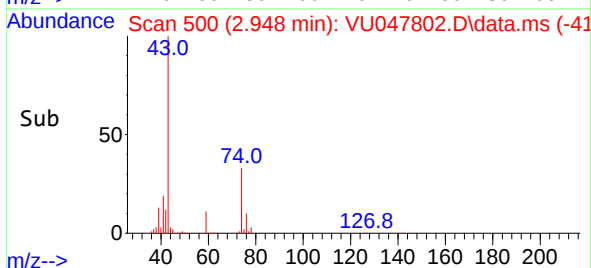
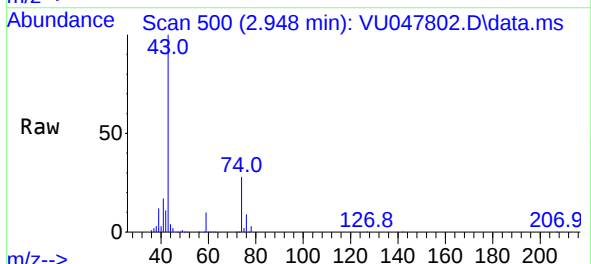
Manual Integrations
APPROVED

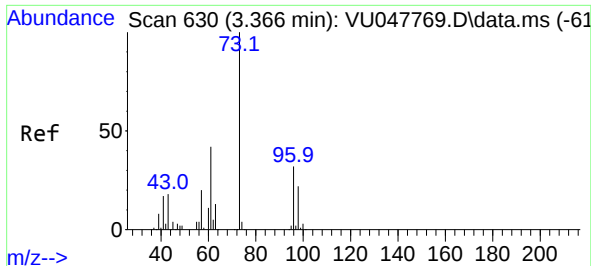
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#18
Methyl Acetate
Concen: 49.430 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.010 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

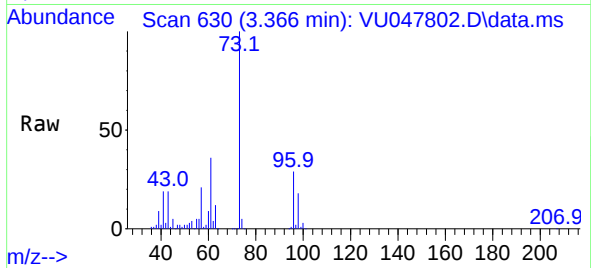
Tgt Ion: 43 Resp: 215163
Ion Ratio Lower Upper
43 100
74 28.4 22.5 33.7





#19
Methyl tert-butyl Ether
Concen: 52.227 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

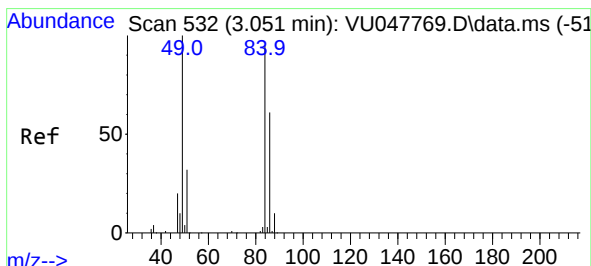
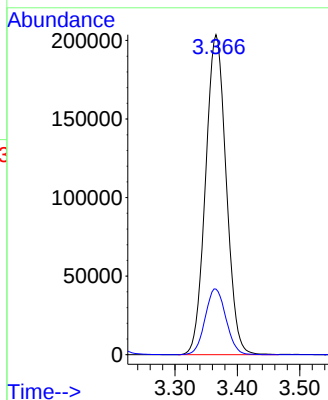
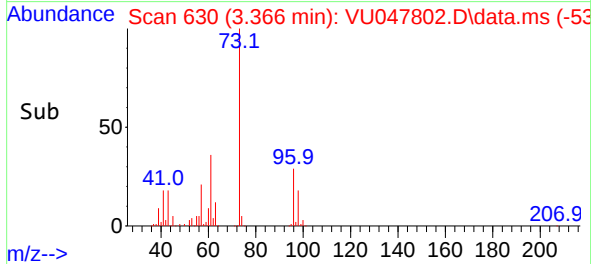
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 46832
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7

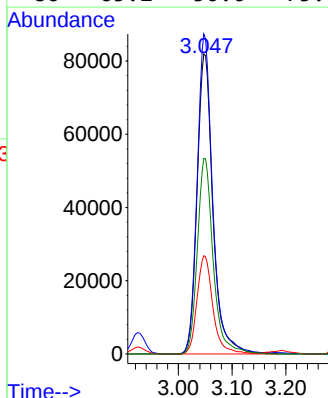
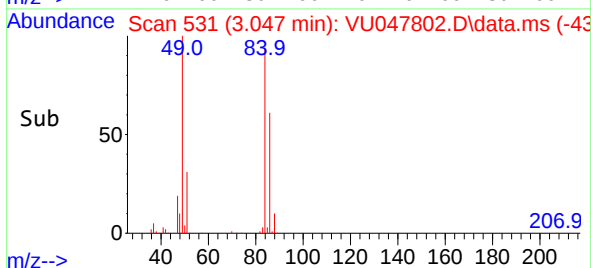
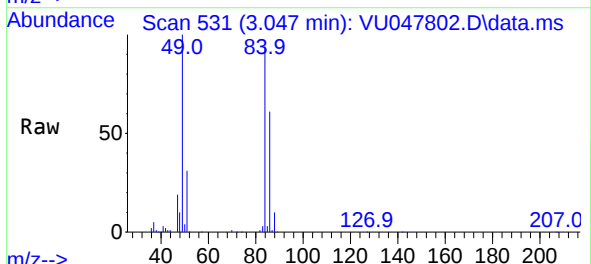
Manual Integrations
APPROVED

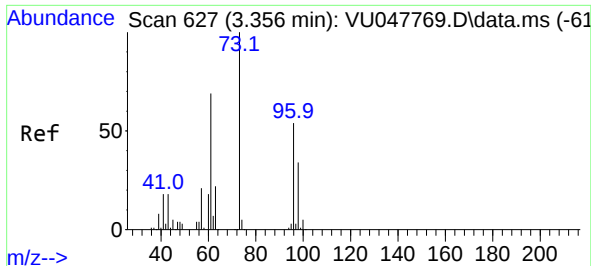
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#20
Methylene Chloride
Concen: 48.430 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

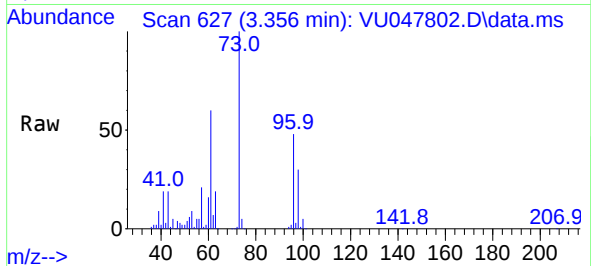
Tgt Ion: 84 Resp: 167318
Ion Ratio Lower Upper
84 100
49 106.7 86.6 129.8
51 32.8 26.6 40.0
86 65.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 51.639 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

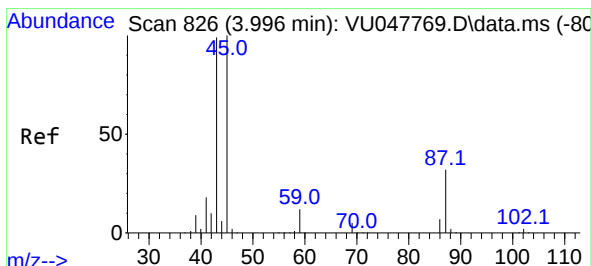
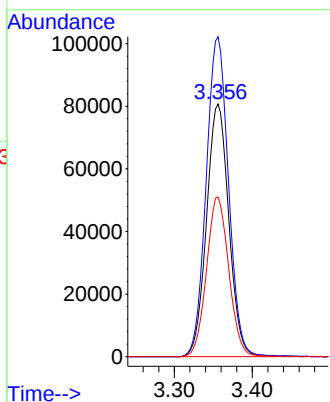
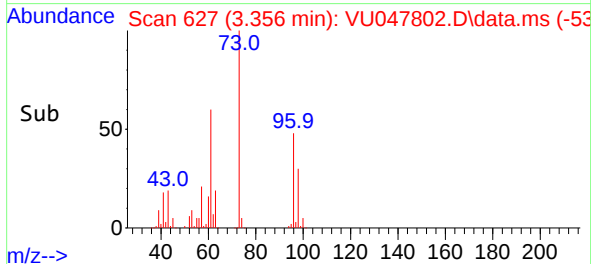
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



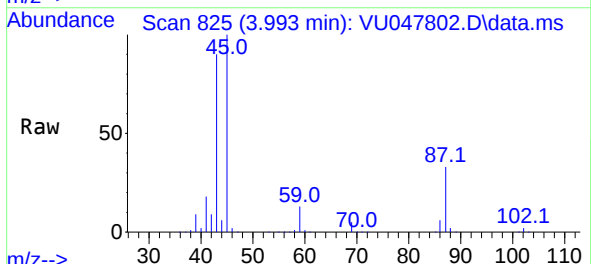
Tgt Ion: 96 Resp: 16021
Ion Ratio Lower Upper
96 100
61 126.6 106.1 159.1
98 63.1 50.8 76.2

Manual Integrations
APPROVED

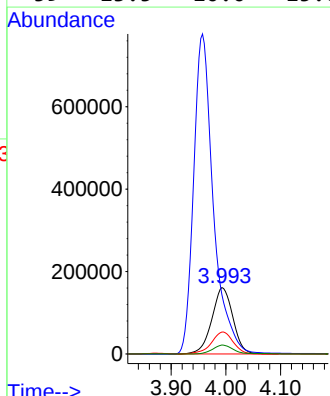
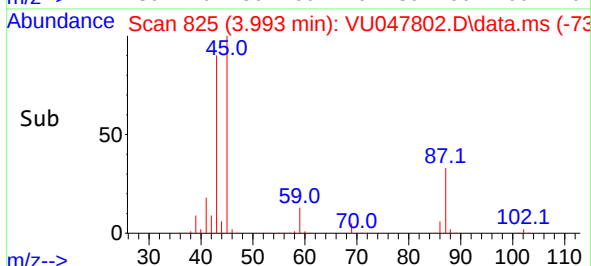
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

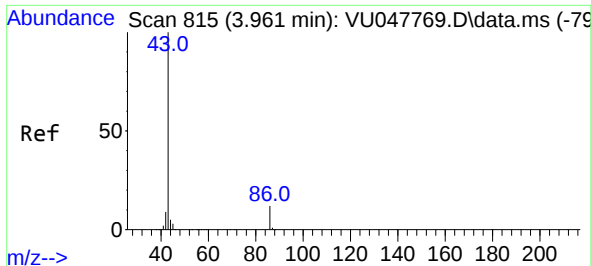


#22
Diisopropyl ether
Concen: 53.435 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



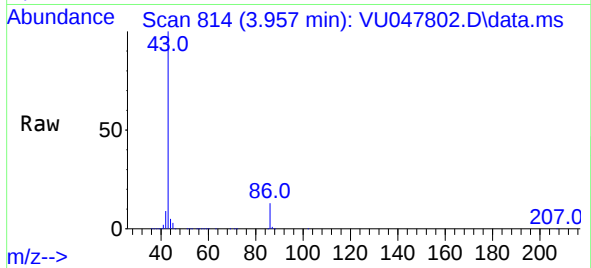
Tgt Ion: 45 Resp: 429732
Ion Ratio Lower Upper
45 100
43 88.5 92.9 139.3#
87 32.9 26.2 39.2
59 13.5 10.0 15.0





#23
 Vinyl Acetate
 Concen: 266.648 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.003 min
 Lab File: VU047802.D
 Acq: 02 Apr 2022 15:41

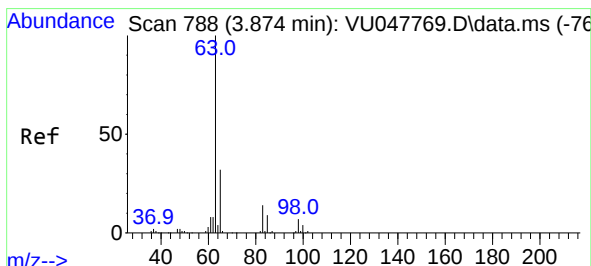
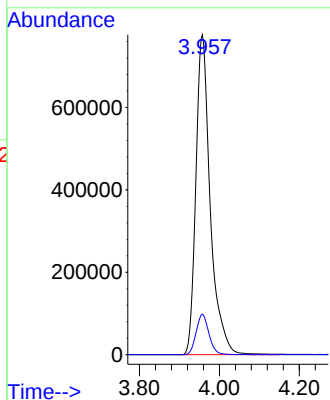
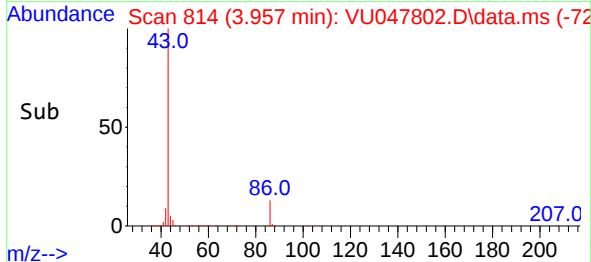
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



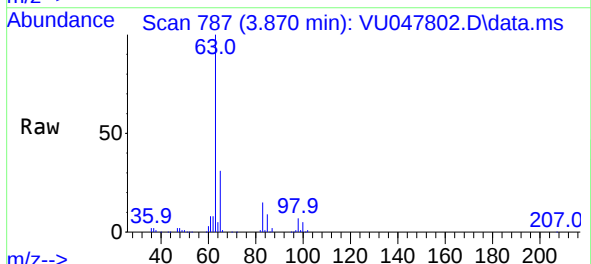
Tgt Ion: 43 Resp: 1945284
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.8 14.8

Manual Integrations
 APPROVED

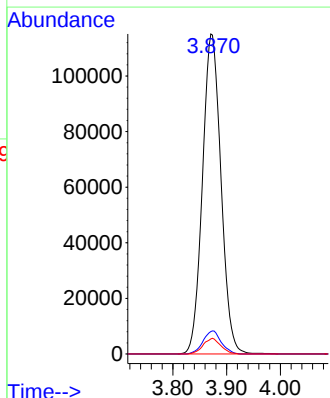
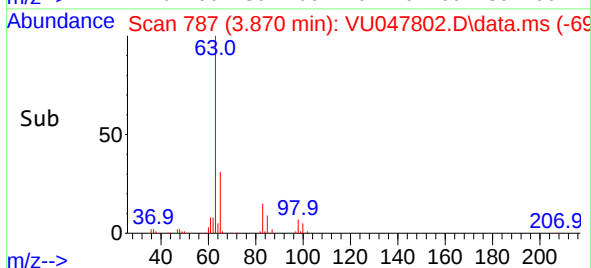
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

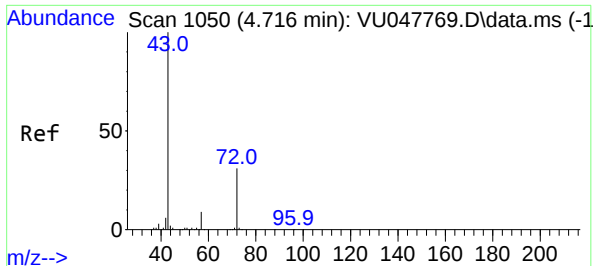


#24
 1,1-Dichloroethane
 Concen: 52.075 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU047802.D
 Acq: 02 Apr 2022 15:41



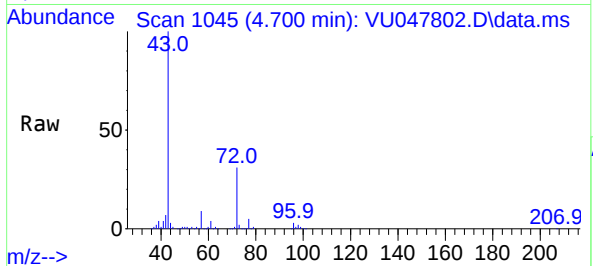
Tgt Ion: 63 Resp: 275439
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 231.902 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. -0.016 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

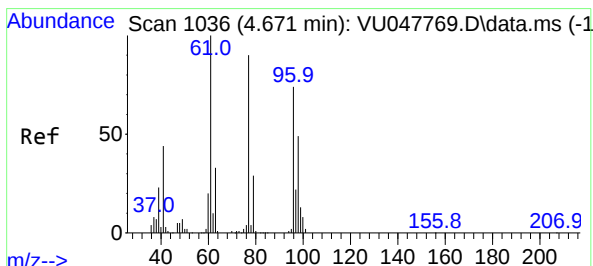
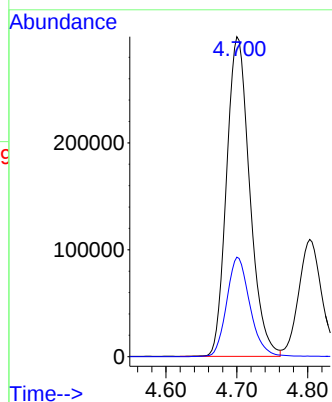
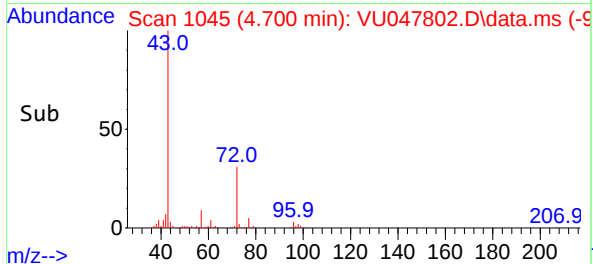
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 67936
Ion Ratio Lower Upper
43 100
72 31.1 23.8 35.6

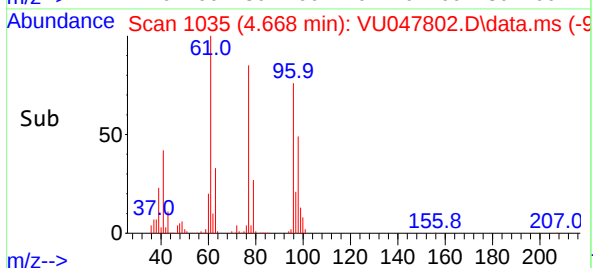
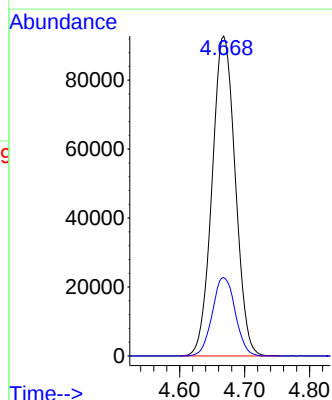
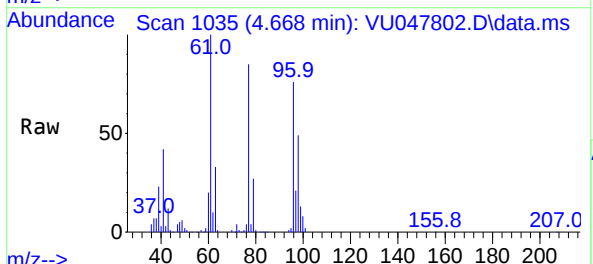
Manual Integrations
APPROVED

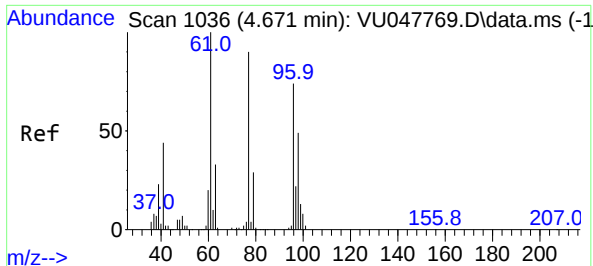
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#26
2,2-Dichloropropane
Concen: 49.036 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

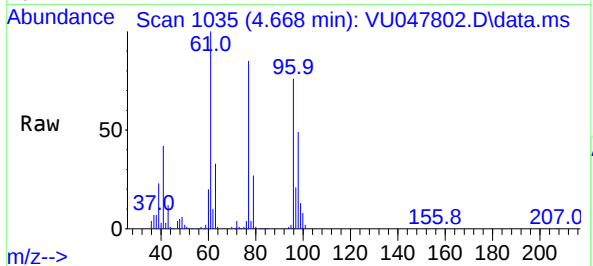
Tgt Ion: 77 Resp: 229865
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 51.871 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

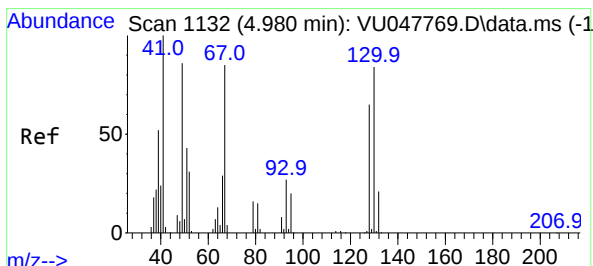
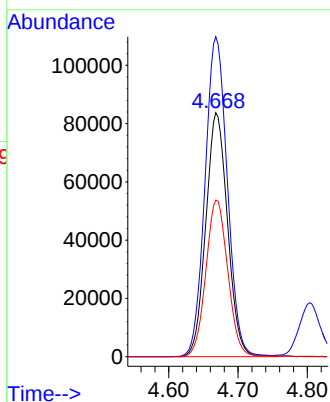
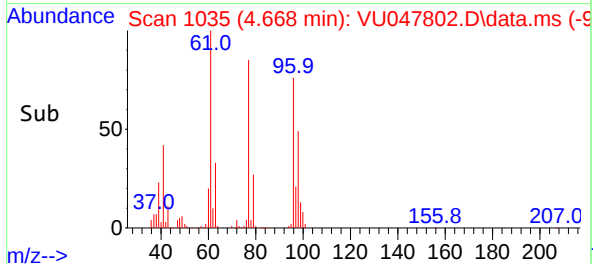
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 182700
Ion Ratio Lower Upper
96 100
61 134.3 0.0 271.6
98 64.6 0.0 128.2

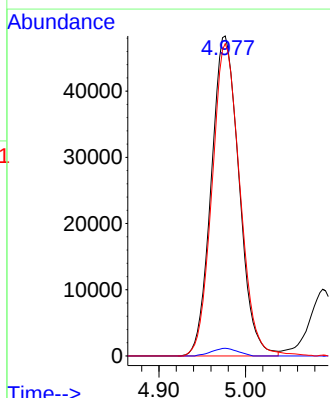
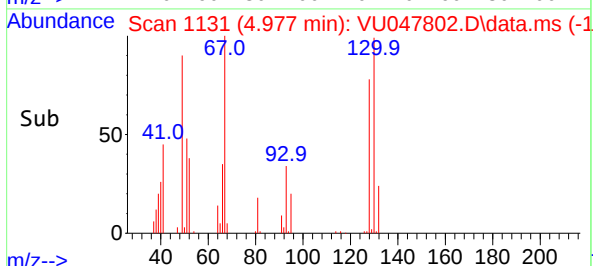
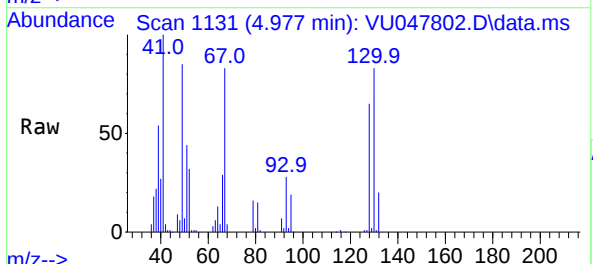
Manual Integrations
APPROVED

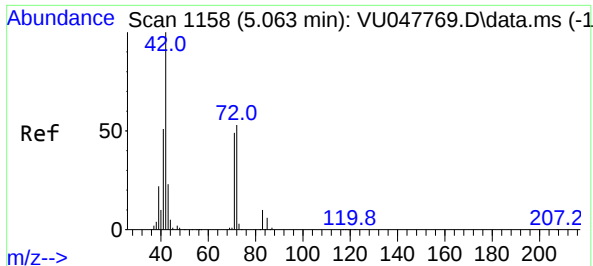
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#28
Bromochloromethane
Concen: 56.890 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

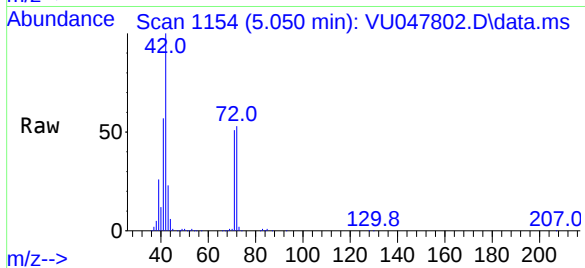
Tgt Ion: 49 Resp: 107637
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 98.0 76.9 115.3





#29
Tetrahydrofuran
Concen: 238.875 ug/l
RT: 5.050 min Scan# 1154
Delta R.T. -0.013 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

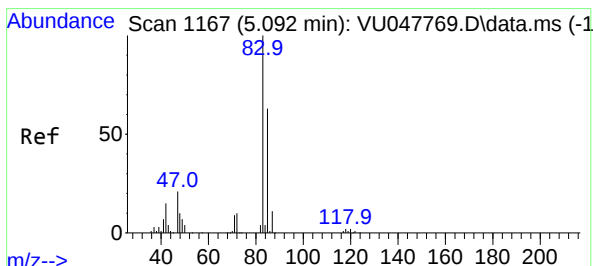
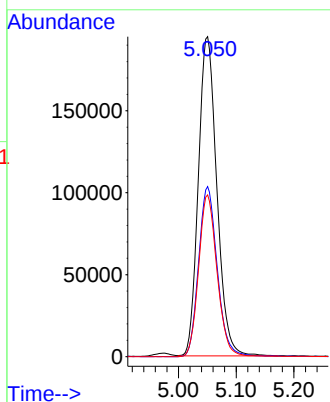
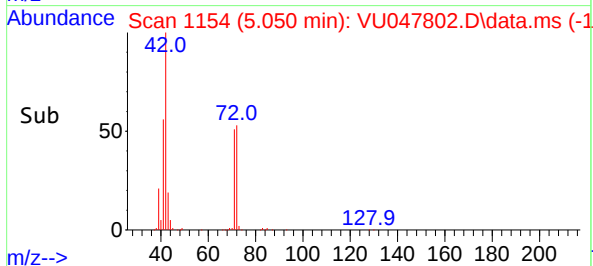
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 433080
Ion Ratio Lower Upper
42 100
72 53.7 42.6 63.8
71 50.7 40.3 60.5

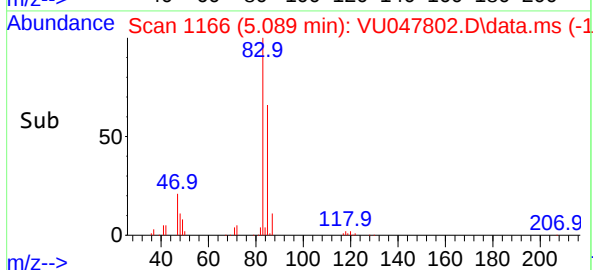
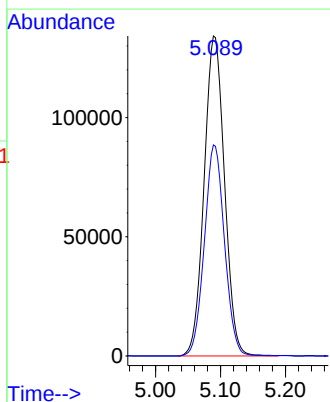
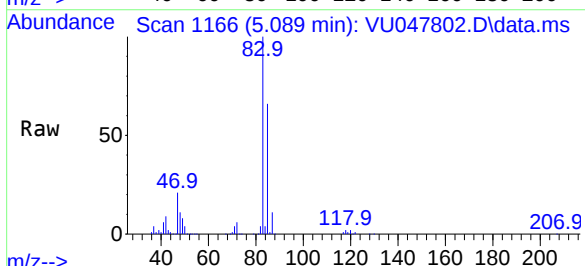
Manual Integrations
APPROVED

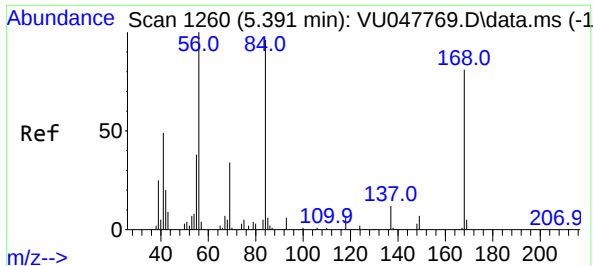
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#30
Chloroform
Concen: 51.437 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

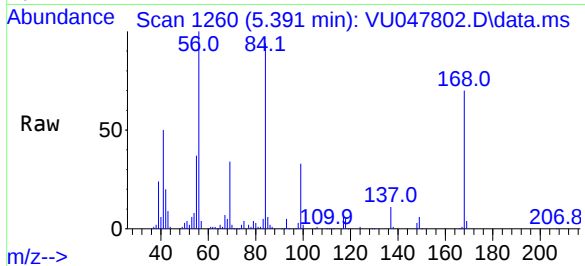
Tgt Ion: 83 Resp: 293136
Ion Ratio Lower Upper
83 100
85 66.0 51.2 76.8





#31
Cyclohexane
Concen: 49.540 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

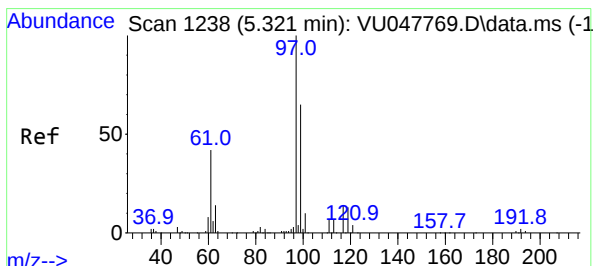
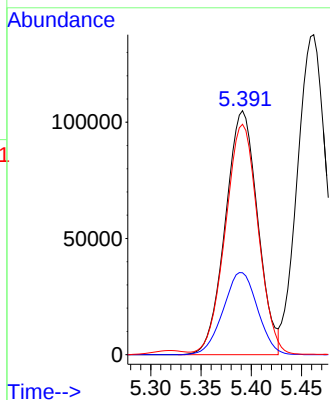
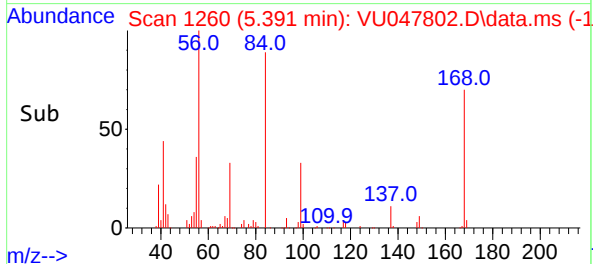
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



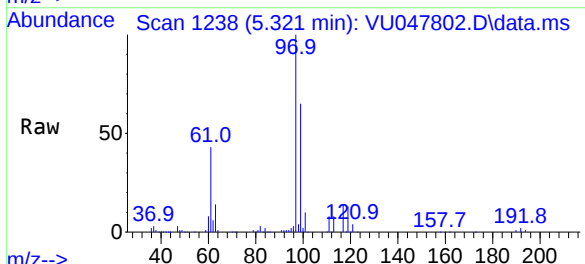
Tgt Ion: 56 Resp: 235690
Ion Ratio Lower Upper
56 100
69 33.6 27.8 41.8
84 92.9 74.2 111.4

Manual Integrations
APPROVED

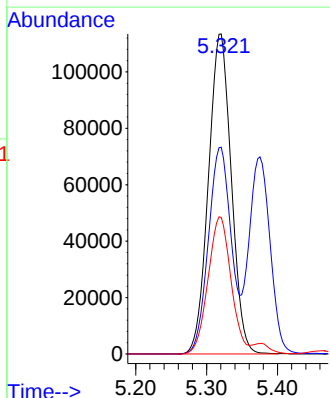
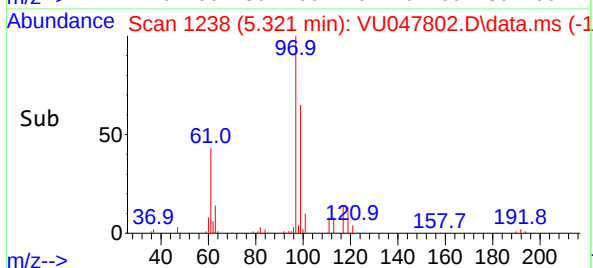
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

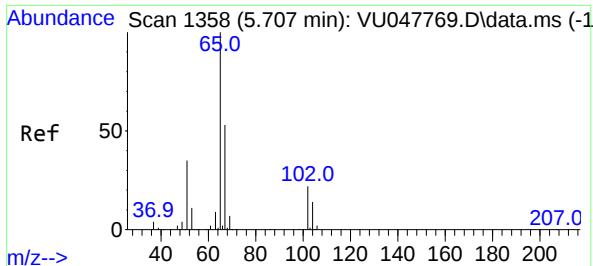


#32
1,1,1-Trichloroethane
Concen: 51.650 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



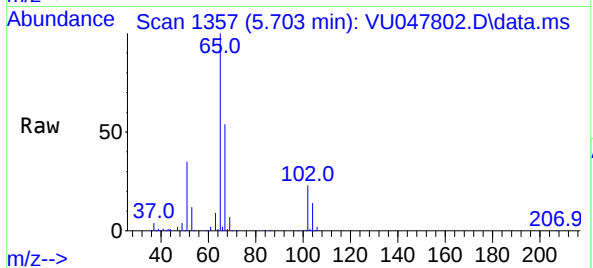
Tgt Ion: 97 Resp: 253826
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 43.0 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 52.187 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

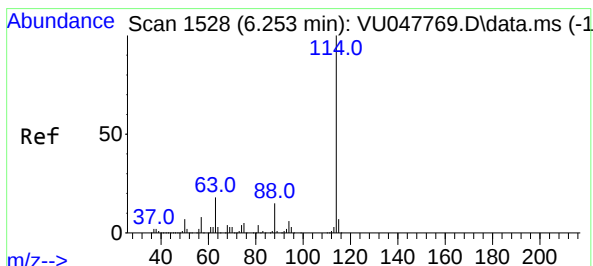
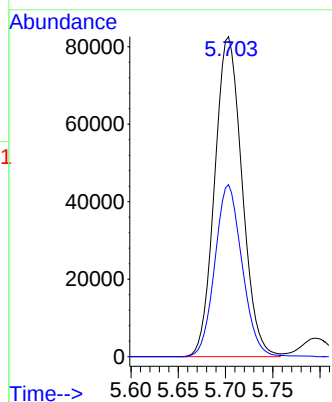
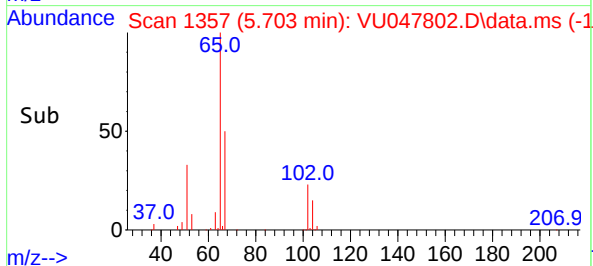
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 166510
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.0

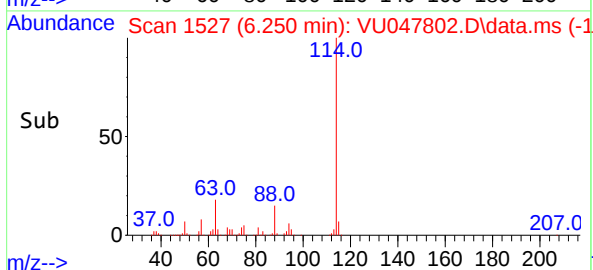
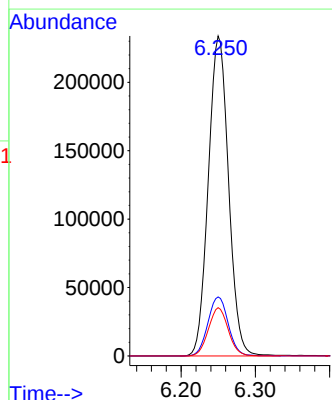
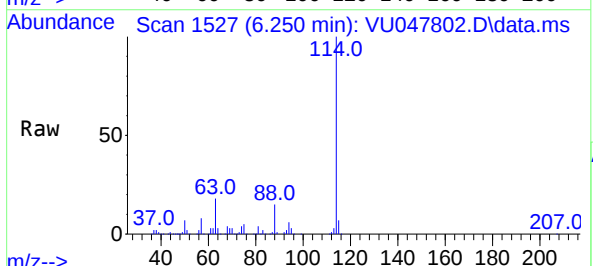
Manual Integrations
APPROVED

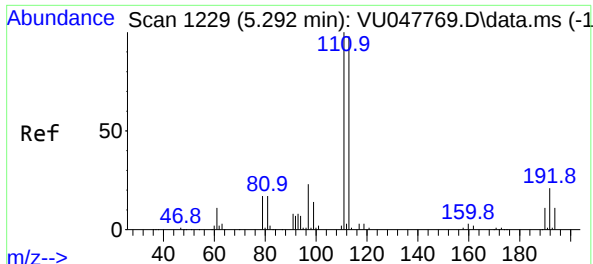
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

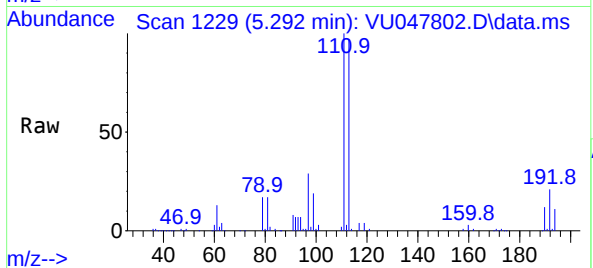
Tgt Ion:114 Resp: 442002
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.8
88 15.1 0.0 29.2





#35
Dibromofluoromethane
Concen: 51.368 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

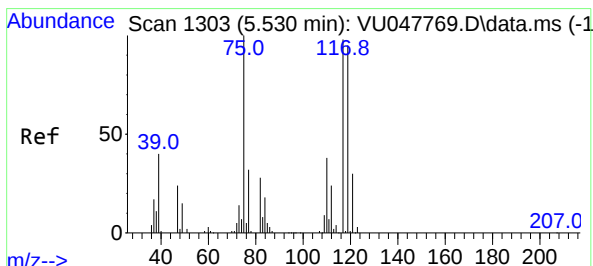
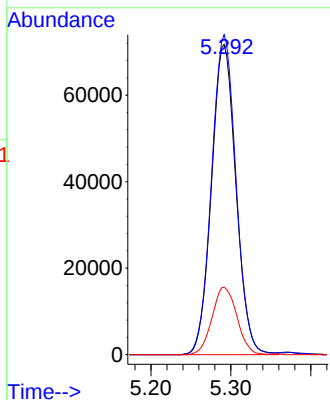
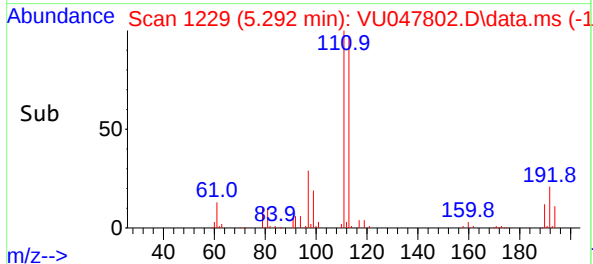
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



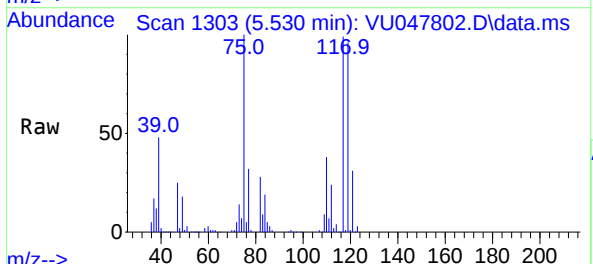
Tgt Ion: 113 Resp: 152260
Ion Ratio Lower Upper
113 100
111 102.8 82.1 123.1
192 22.1 18.0 27.0

Manual Integrations
APPROVED

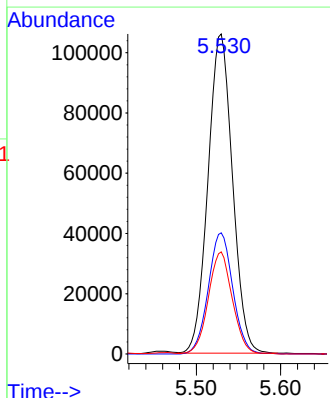
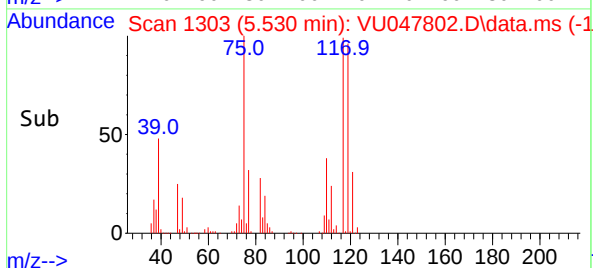
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

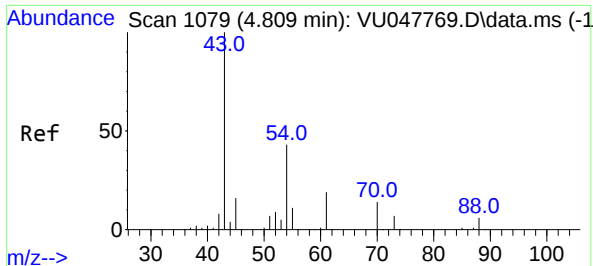


#36
1,1-Dichloropropene
Concen: 51.175 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



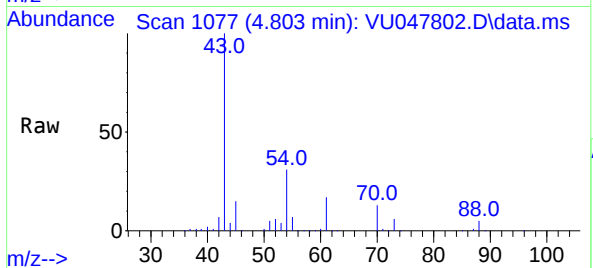
Tgt Ion: 75 Resp: 214150
Ion Ratio Lower Upper
75 100
110 38.0 18.4 55.2
77 30.9 25.1 37.7





#37
Ethyl Acetate
Concen: 44.571 ug/l
RT: 4.803 min Scan# 1079
Delta R.T. -0.007 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

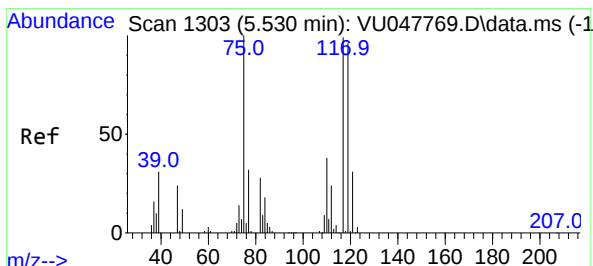
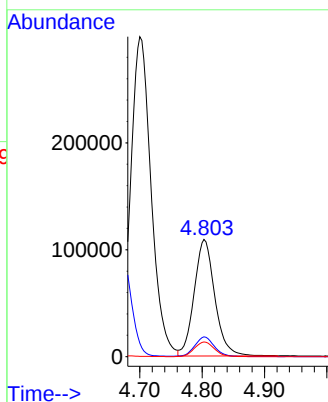
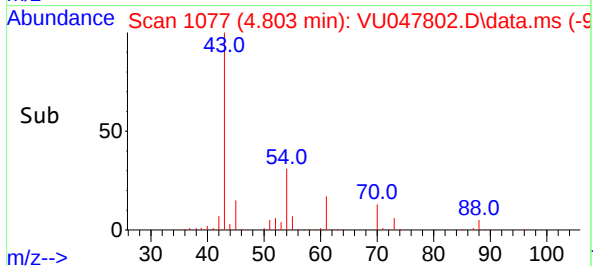
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 251169
Ion Ratio Lower Upper
43 100
61 16.0 9.5 14.3
70 12.3 7.5 11.3

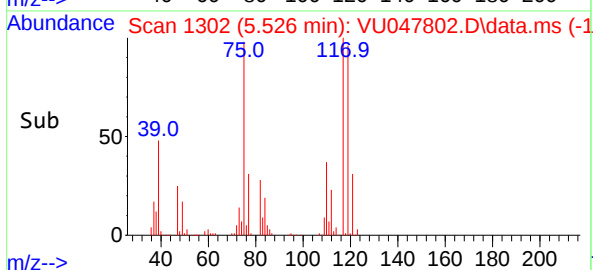
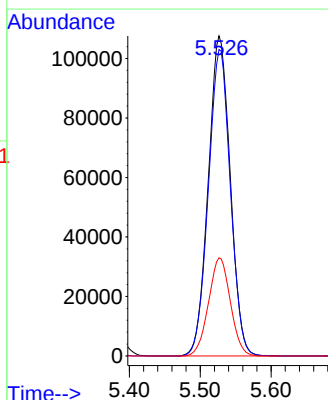
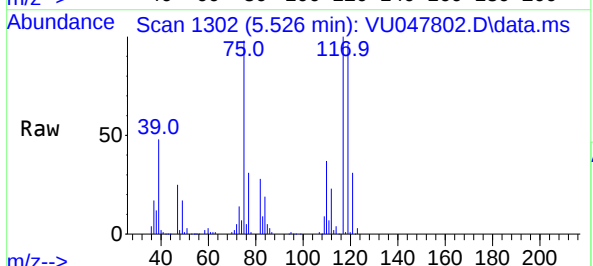
Manual Integrations
APPROVED

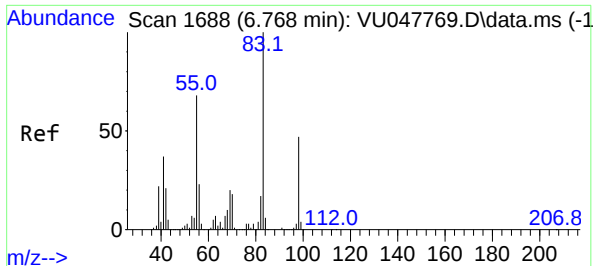
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#38
Carbon Tetrachloride
Concen: 51.887 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Tgt Ion:117 Resp: 231580
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2
121 30.7 24.7 37.1





#39

Methylcyclohexane

Concen: 50.139 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047802.D

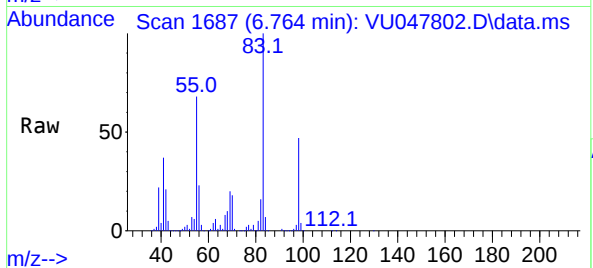
Acq: 02 Apr 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 256520

Ion Ratio Lower Upper

83 100

55 68.4 55.3 82.9

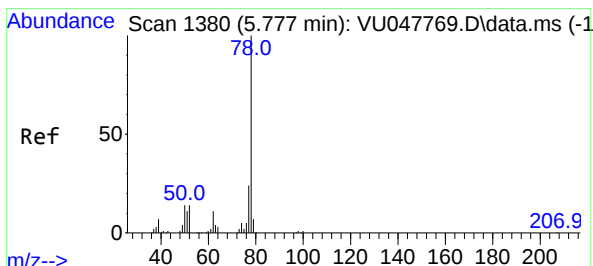
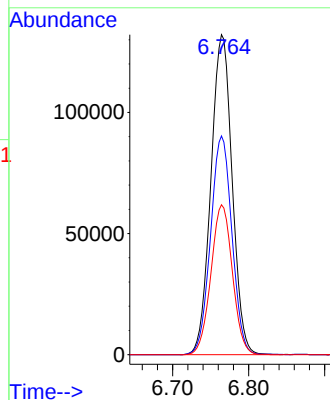
98 46.9 37.3 55.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#40

Benzene

Concen: 51.553 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.003 min

Lab File: VU047802.D

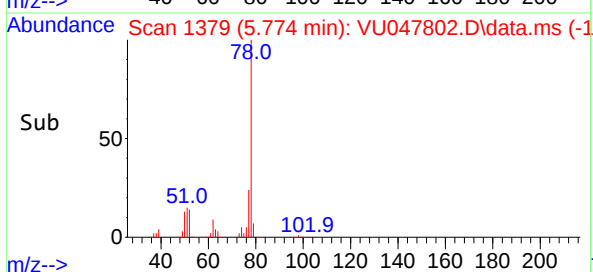
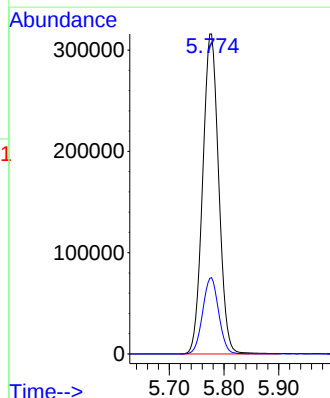
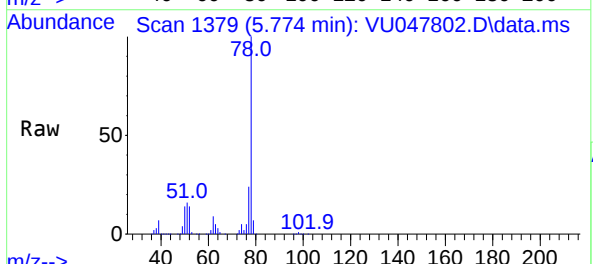
Acq: 02 Apr 2022 15:41

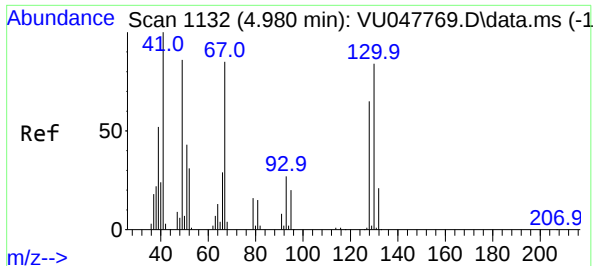
Tgt Ion: 78 Resp: 641185

Ion Ratio Lower Upper

78 100

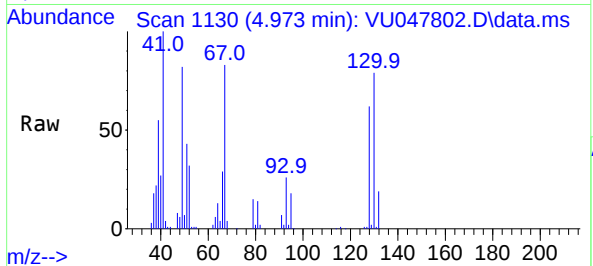
77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 50.523 ug/l
RT: 4.973 min Scan# 1132
Delta R.T. -0.007 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

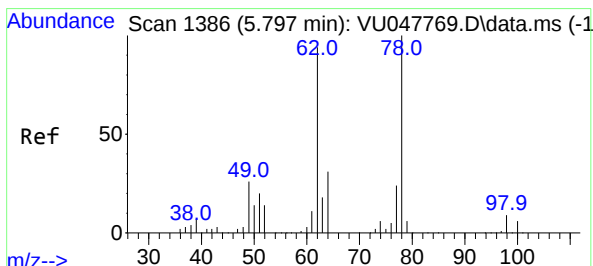
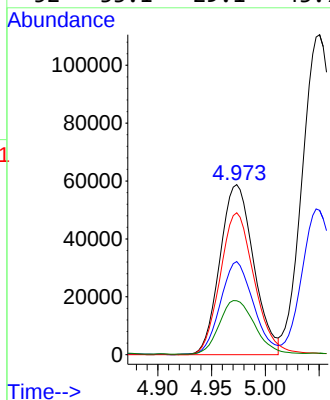
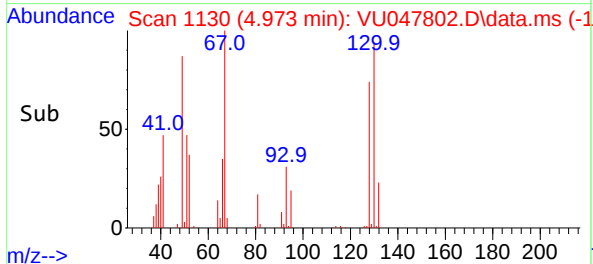
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 128554
Ion Ratio Lower Upper
41 100
39 53.7 43.1 64.7
67 85.5 72.3 108.5
52 33.1 29.1 43.7

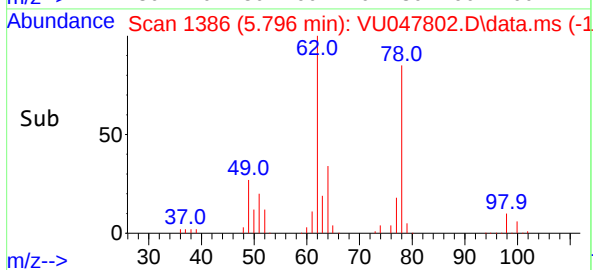
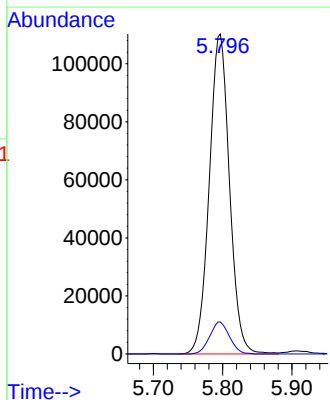
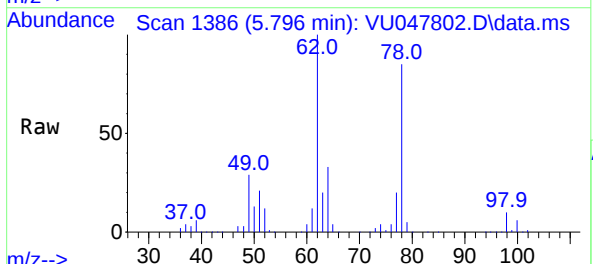
Manual Integrations
APPROVED

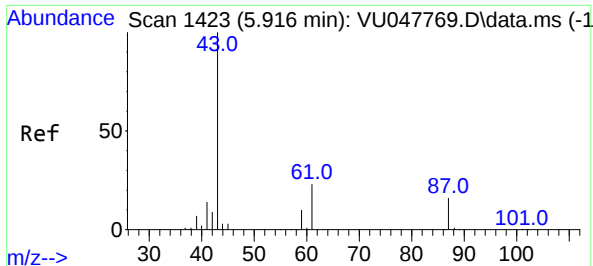
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#42
1,2-Dichloroethane
Concen: 51.567 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

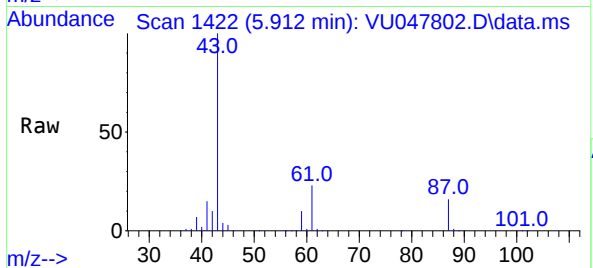
Tgt Ion: 62 Resp: 223293
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.6





#43
Isopropyl Acetate
Concen: 50.303 ug/l
RT: 5.912 min Scan# 1423
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

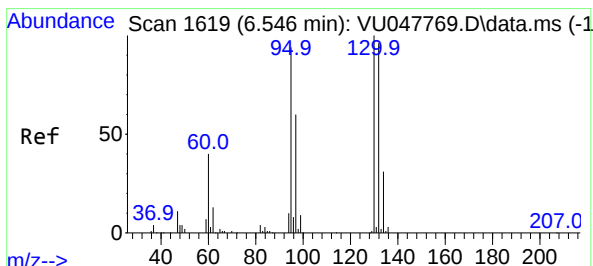
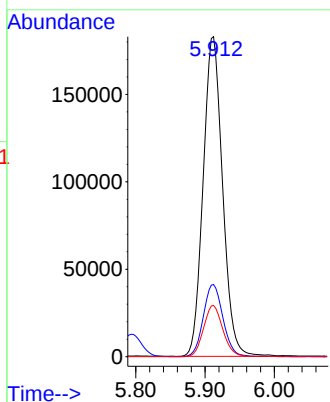
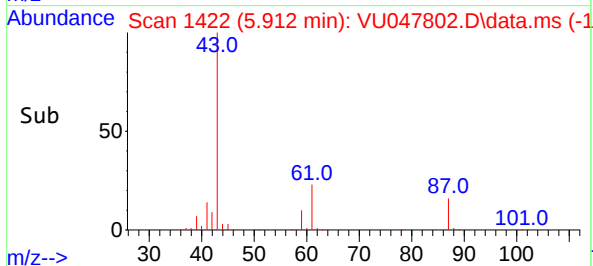
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 355728
Ion Ratio Lower Upper
43 100
61 22.8 17.4 26.0
87 15.8 12.6 18.8

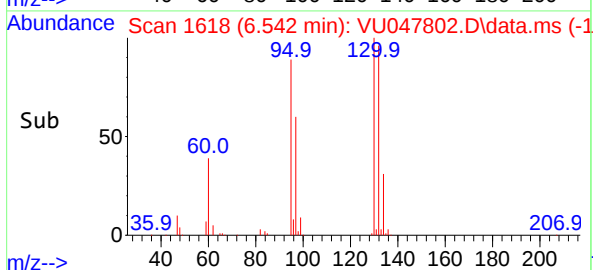
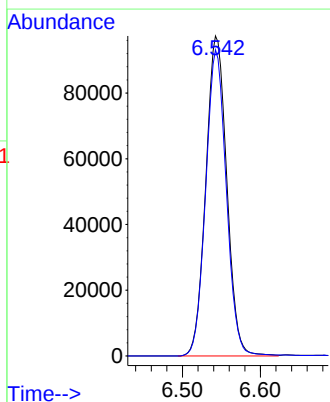
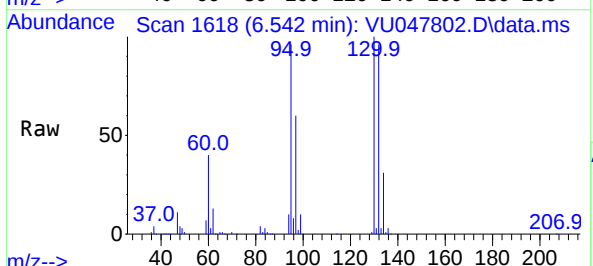
Manual Integrations
APPROVED

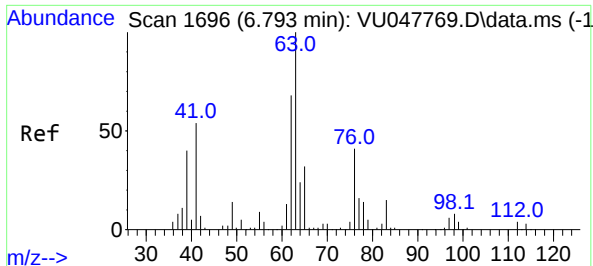
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#44
Trichloroethene
Concen: 50.390 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

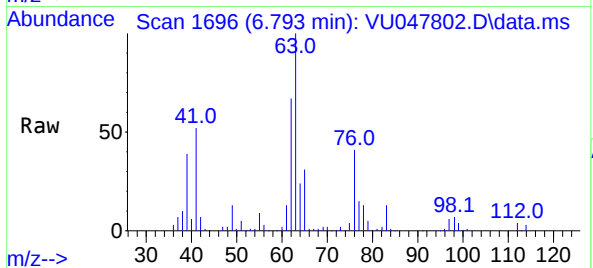
Tgt Ion:130 Resp: 181705
Ion Ratio Lower Upper
130 100
95 95.7 0.0 184.6





#45
1,2-Dichloropropane
Concen: 52.504 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

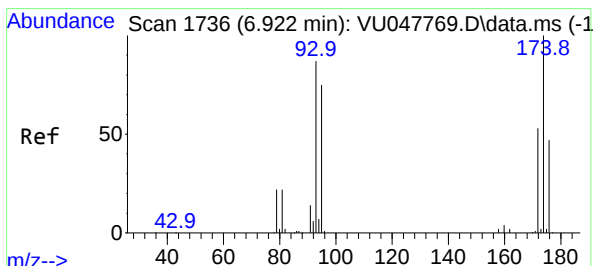
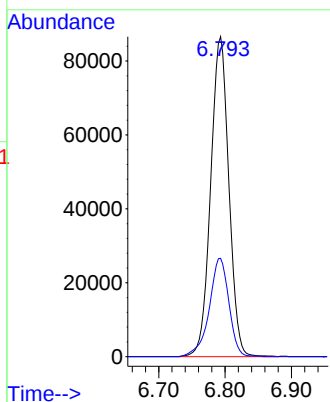
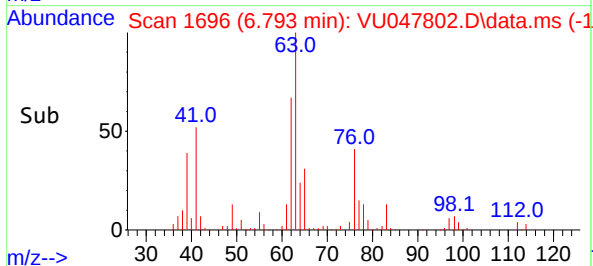
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



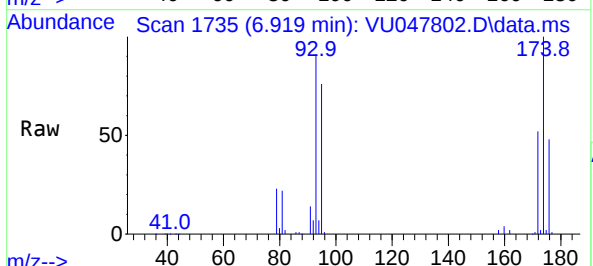
Tgt Ion: 63 Resp: 164418
Ion Ratio Lower Upper
63 100
65 30.8 25.0 37.4

Manual Integrations
APPROVED

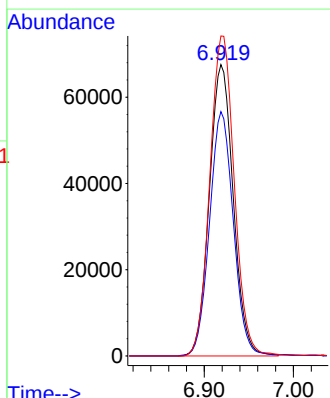
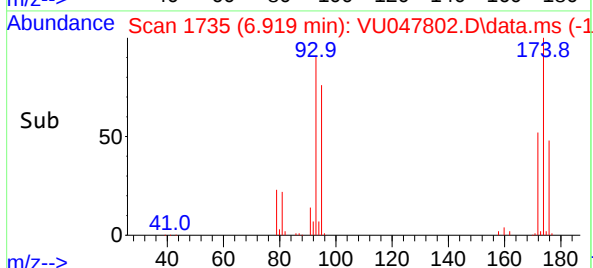
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

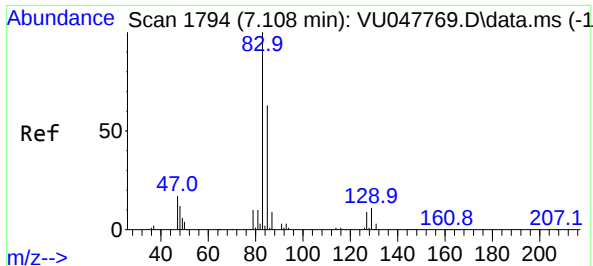


#46
Dibromomethane
Concen: 51.021 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



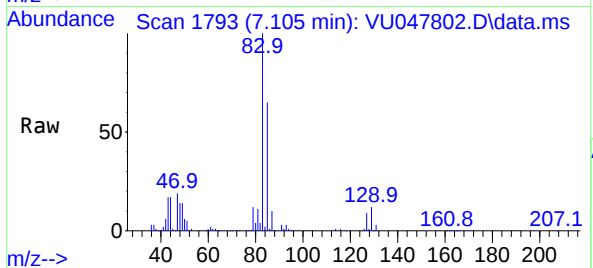
Tgt Ion: 93 Resp: 126188
Ion Ratio Lower Upper
93 100
95 83.7 66.3 99.5
174 112.3 88.2 132.4





#47
Bromodichloromethane
Concen: 51.846 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

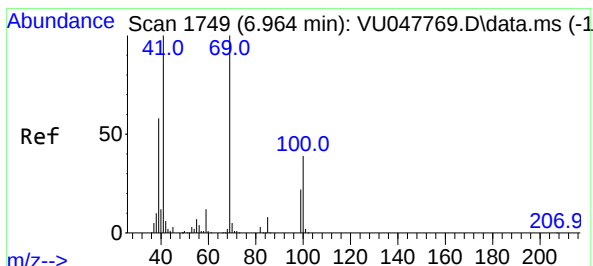
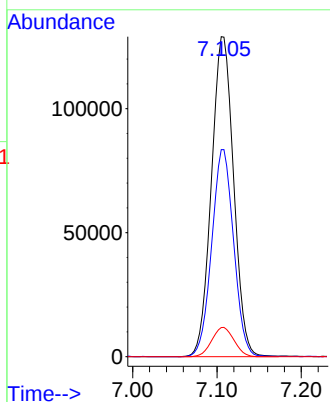
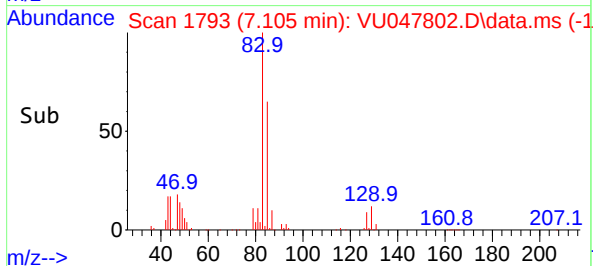
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 236034
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2
127 9.1 7.1 10.7

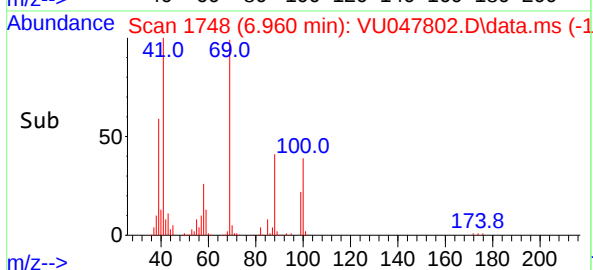
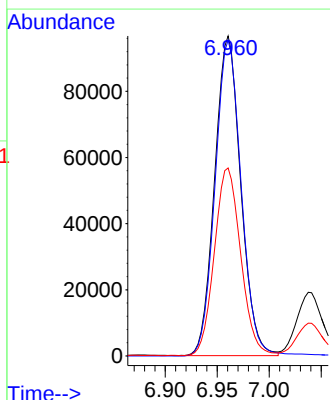
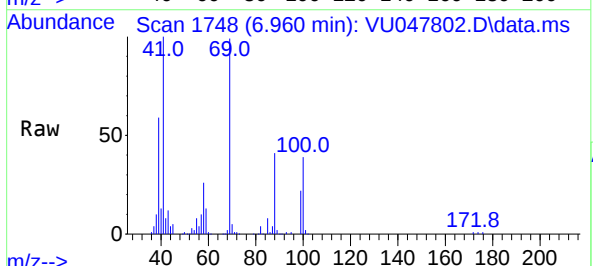
Manual Integrations
APPROVED

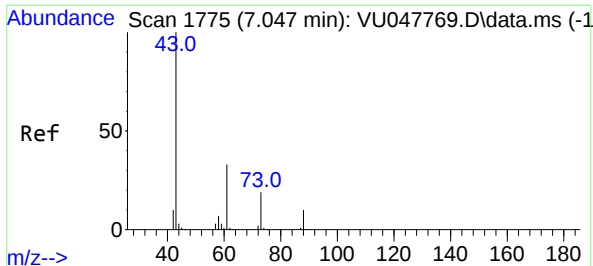
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#48
Methyl methacrylate
Concen: 52.119 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

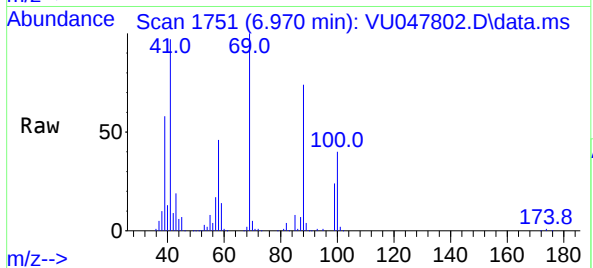
Tgt Ion: 41 Resp: 168769
Ion Ratio Lower Upper
41 100
69 99.6 79.8 119.6
39 59.2 47.9 71.9





#49
1,4-Dioxane
Concen: 973.298 ug/l
RT: 6.970 min Scan# 1775
Delta R.T. -0.077 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

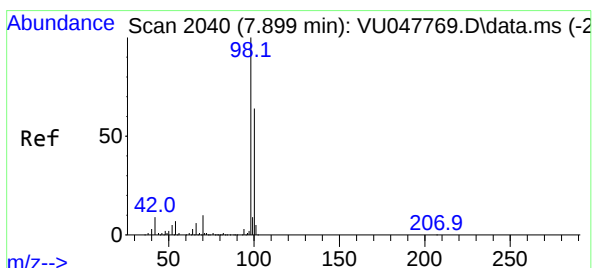
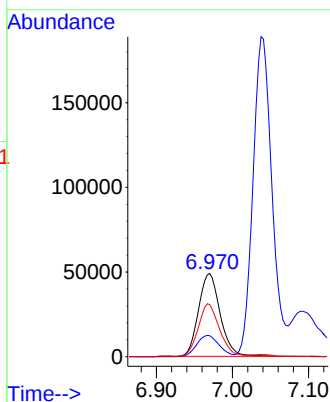
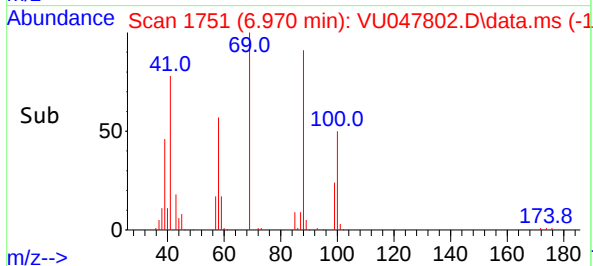
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 96269
Ion Ratio Lower Upper
88 100
43 26.3 0.0 0.0
58 63.3 15.4 23.0

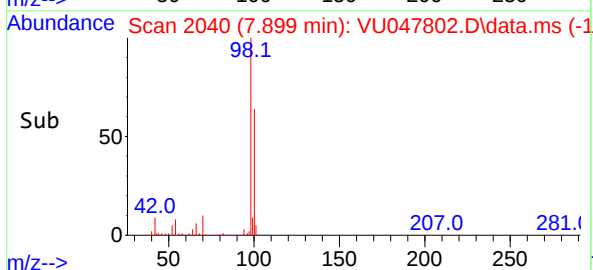
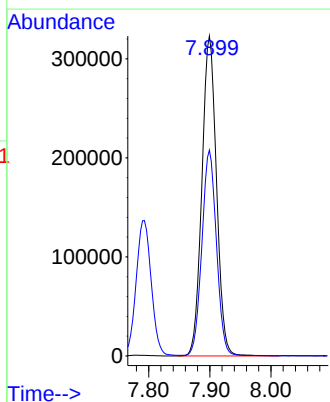
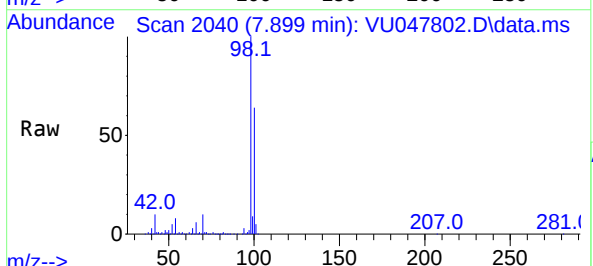
Manual Integrations
APPROVED

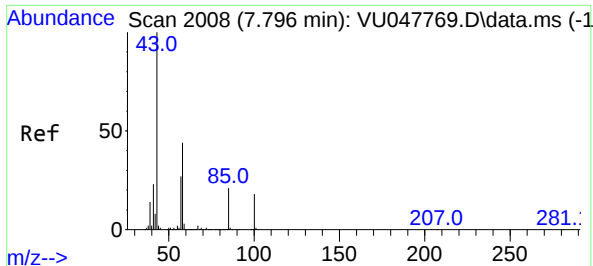
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#50
Toluene-d8
Concen: 50.268 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Tgt Ion: 98 Resp: 536820
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5





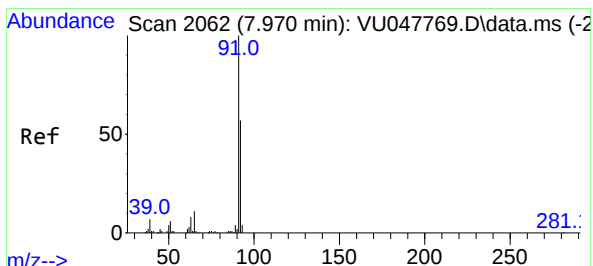
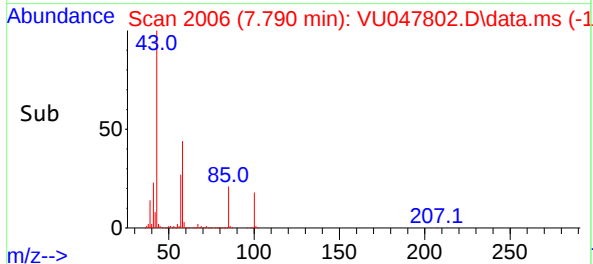
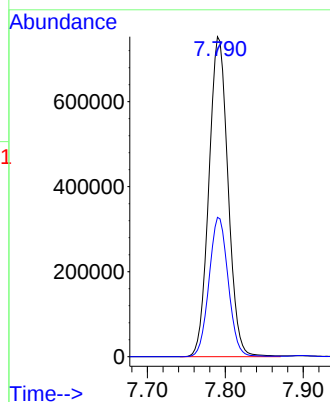
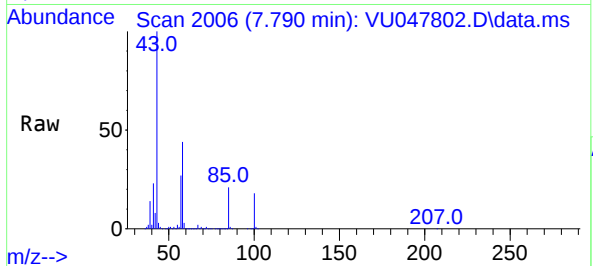
#51
4-Methyl-2-Pentanone
Concen: 247.904 ug/l
RT: 7.790 min Scan# 2008
Delta R.T. -0.007 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 128337
Ion Ratio Lower Upper
43 100
58 43.7 34.7 52.1

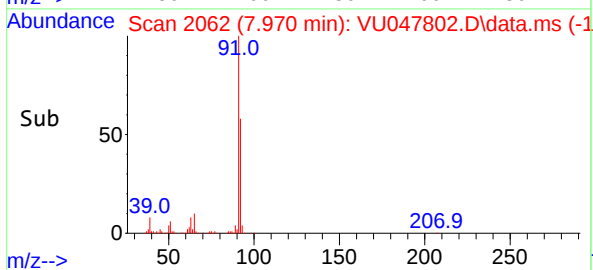
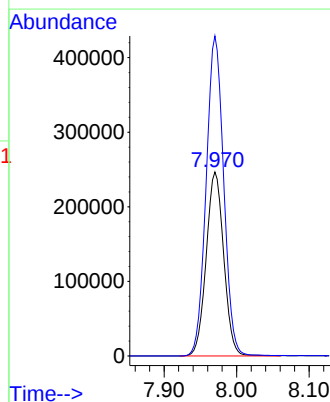
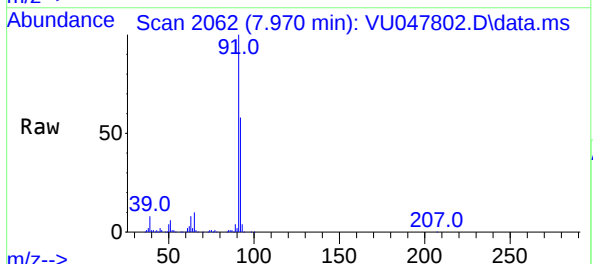
Manual Integrations
APPROVED

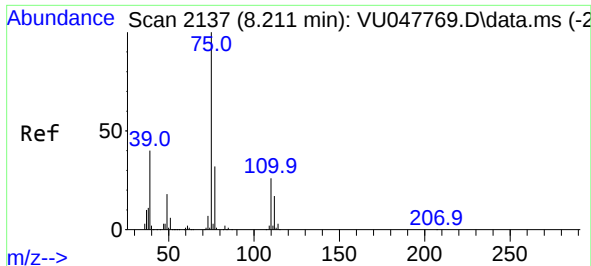
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#52
Toluene
Concen: 52.008 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Tgt Ion: 92 Resp: 413736
Ion Ratio Lower Upper
92 100
91 173.9 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 50.515 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047802.D

Acq: 02 Apr 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 25634

Ion Ratio Lower Upper

75 100

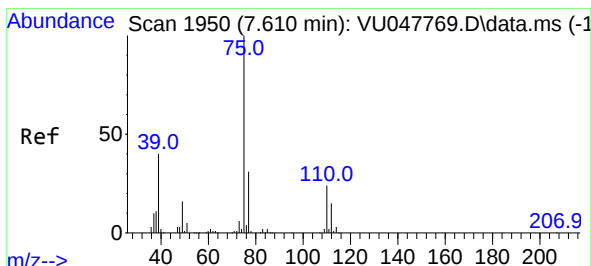
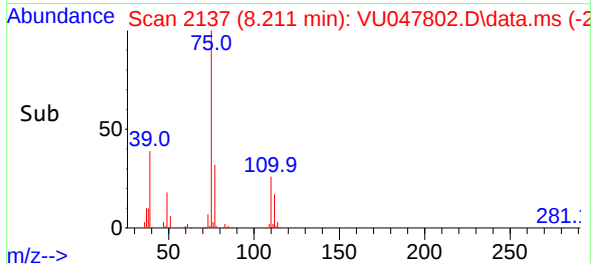
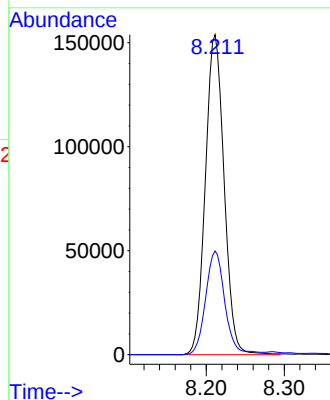
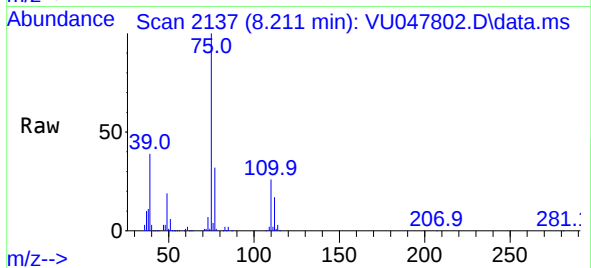
77 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#54

cis-1,3-Dichloropropene

Concen: 52.061 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU047802.D

Acq: 02 Apr 2022 15:41

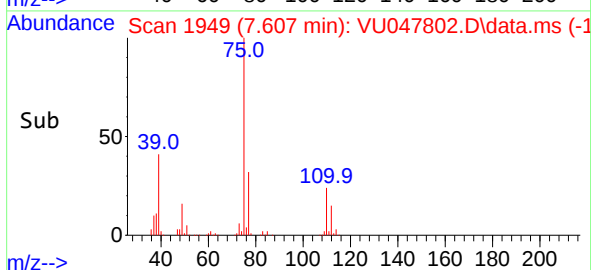
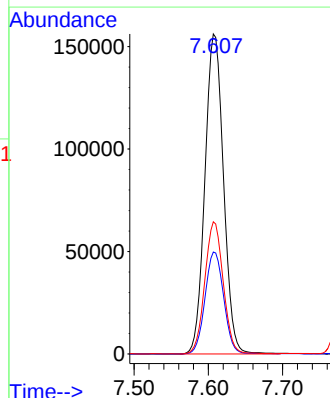
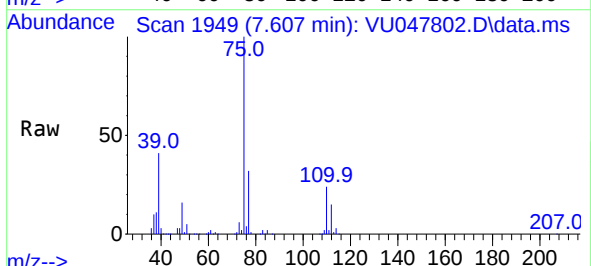
Tgt Ion: 75 Resp: 271347

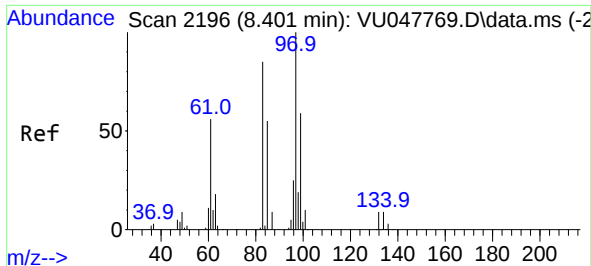
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 41.3 33.0 49.6





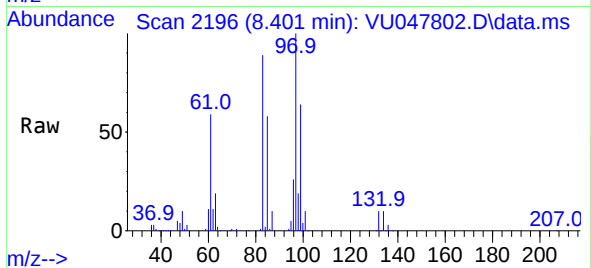
#55
1,1,2-Trichloroethane
Concen: 50.525 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



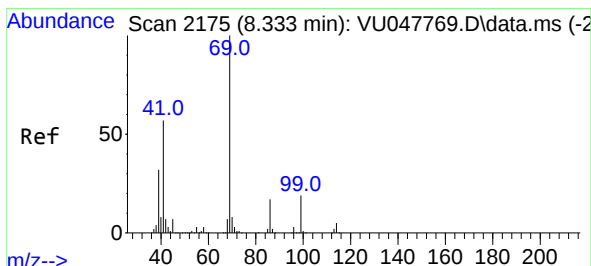
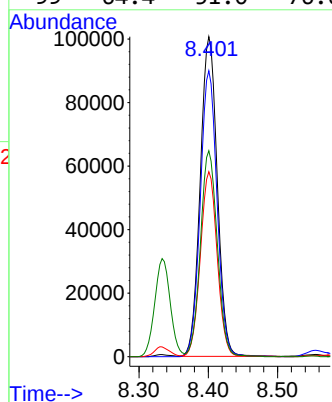
Tgt Ion: 97 Resp: 171909
Ion Ratio Lower Upper
97 100
83 89.5 70.2 105.4
85 57.8 44.6 66.8
99 64.4 51.0 76.6

Manual Integrations

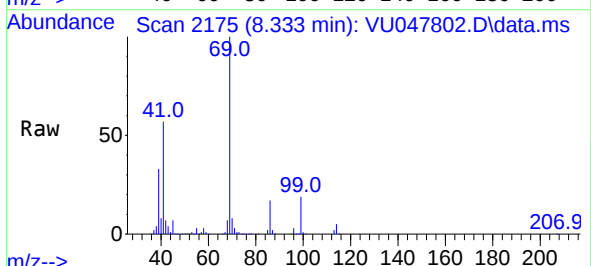
APPROVED

Reviewed By :John Carlone 04/04/2022

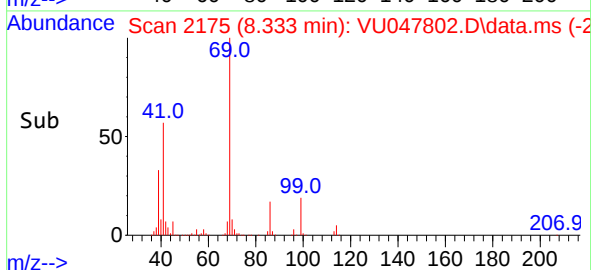
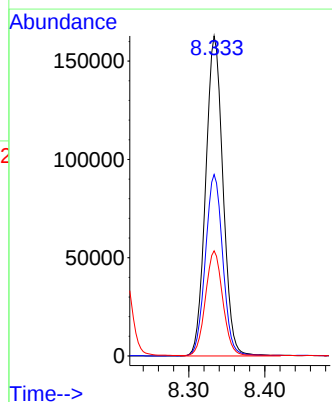
Supervised By :Mahesh Dadoda 04/05/2022

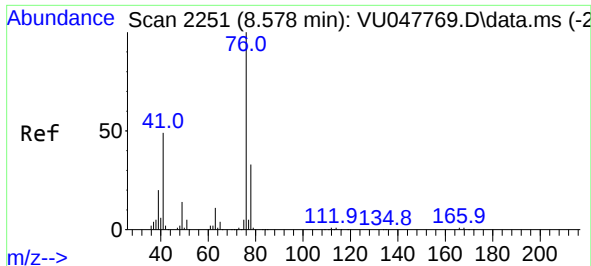


#56
Ethyl methacrylate
Concen: 52.736 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



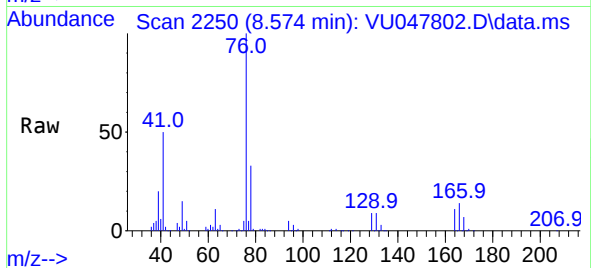
Tgt Ion: 69 Resp: 257627
Ion Ratio Lower Upper
69 100
41 57.1 45.4 68.0
39 32.6 25.7 38.5





#57
1,3-Dichloropropane
Concen: 51.061 ug/l
RT: 8.574 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

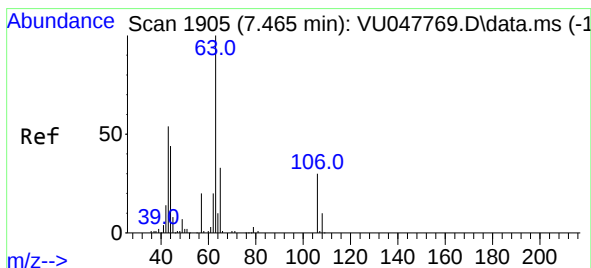
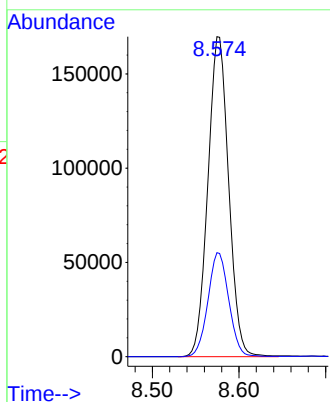
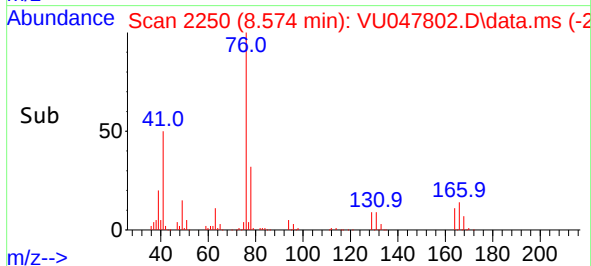
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 282690
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

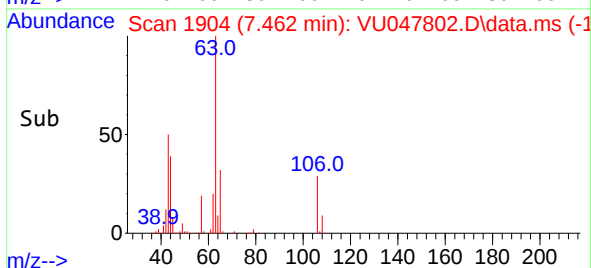
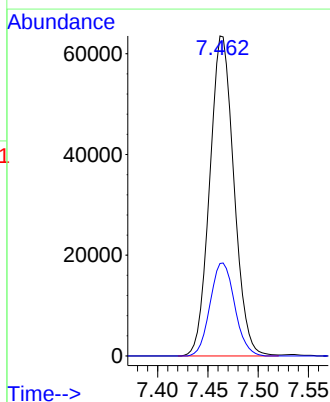
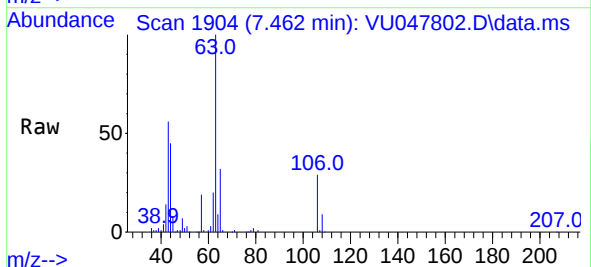
Manual Integrations
APPROVED

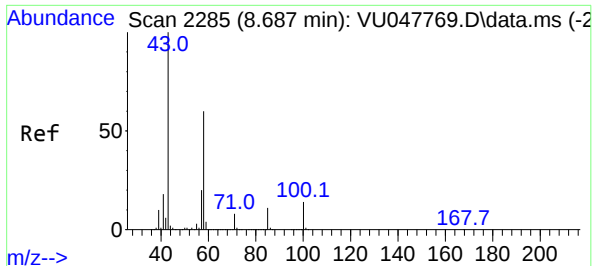
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 271.138 ug/l
RT: 7.462 min Scan# 1904
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Tgt Ion: 63 Resp: 106485
Ion Ratio Lower Upper
63 100
106 29.5 23.1 34.7





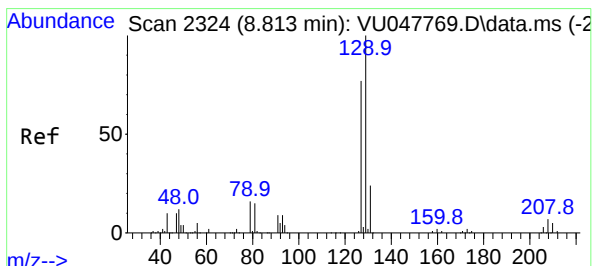
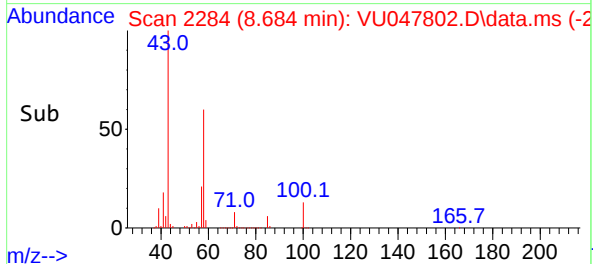
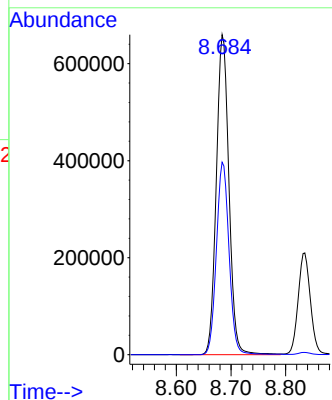
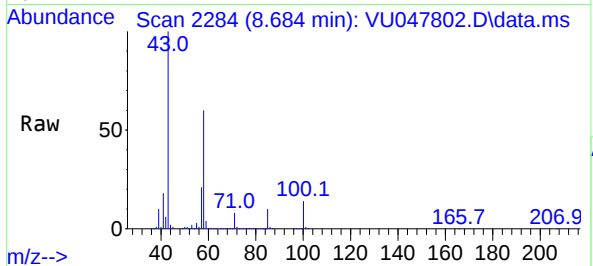
#59
2-Hexanone
Concen: 248.490 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 105499
Ion Ratio Lower Upper
43 100
58 60.1 30.3 90.8

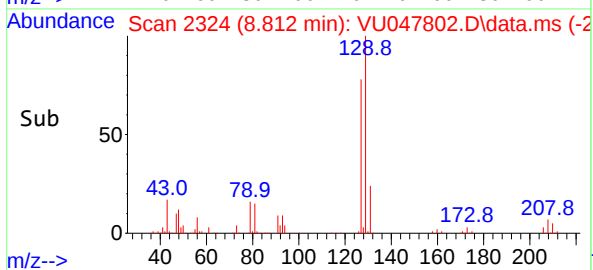
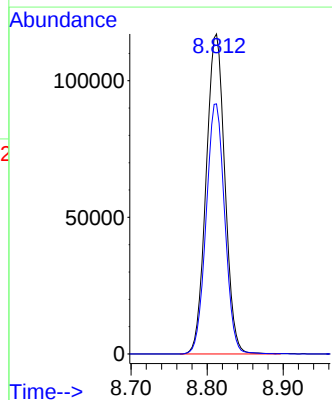
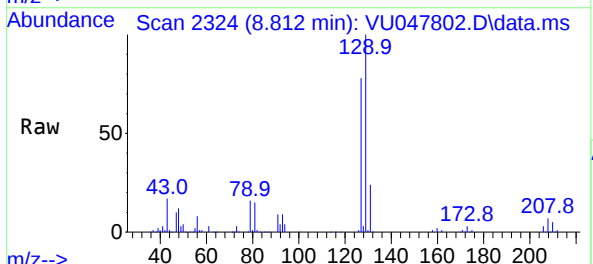
Manual Integrations
APPROVED

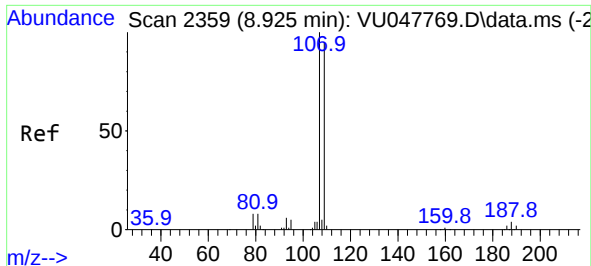
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#60
Dibromochloromethane
Concen: 51.315 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Tgt Ion:129 Resp: 200508
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.047 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. -0.000 min

Lab File: VU047802.D

Acq: 02 Apr 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:107 Resp: 19718

Ion Ratio Lower Upper

107 100

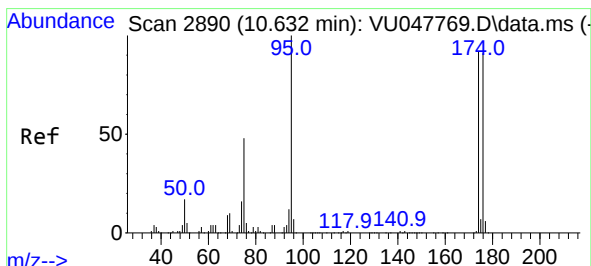
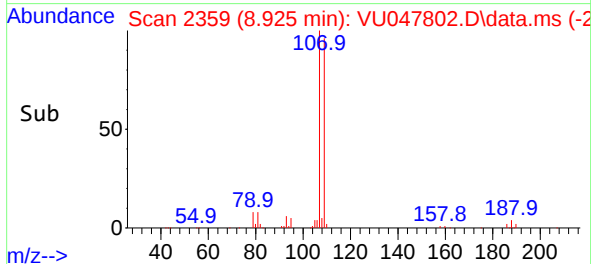
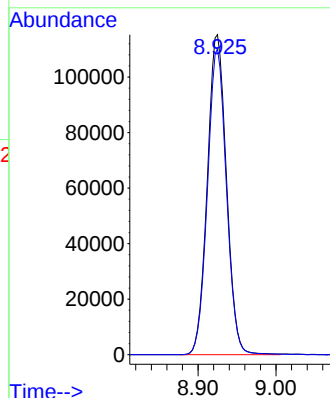
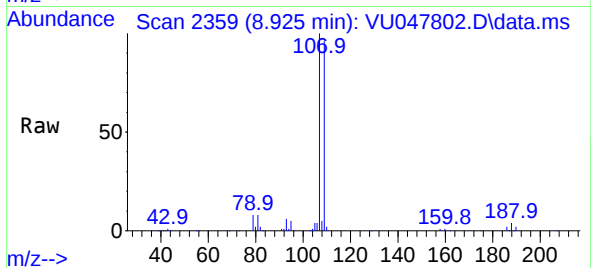
109 94.4 75.1 112.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#62

4-Bromofluorobenzene

Concen: 49.444 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU047802.D

Acq: 02 Apr 2022 15:41

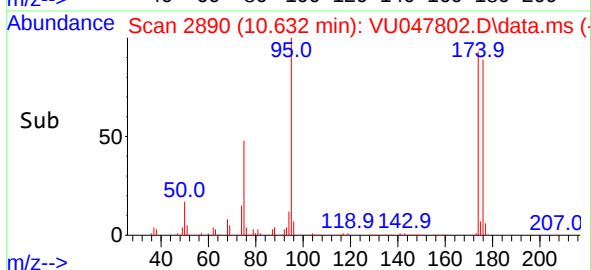
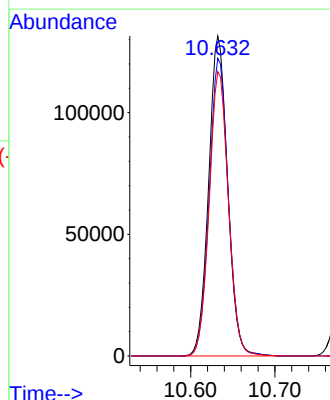
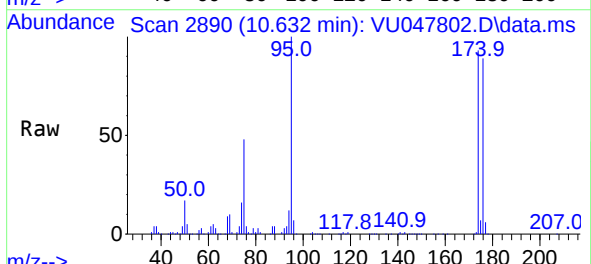
Tgt Ion: 95 Resp: 205636

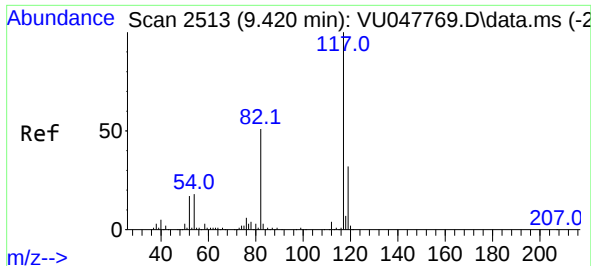
Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.0

176 89.9 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

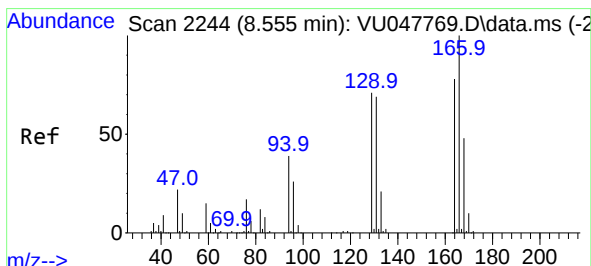
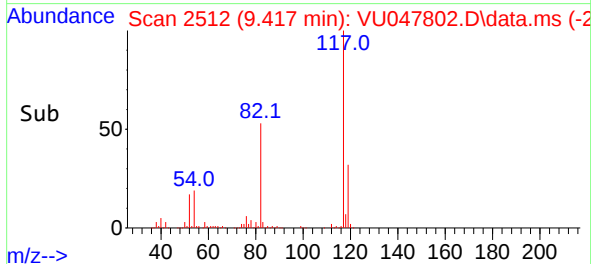
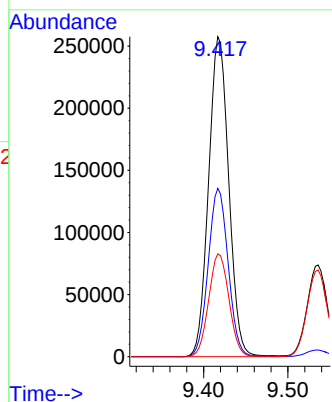
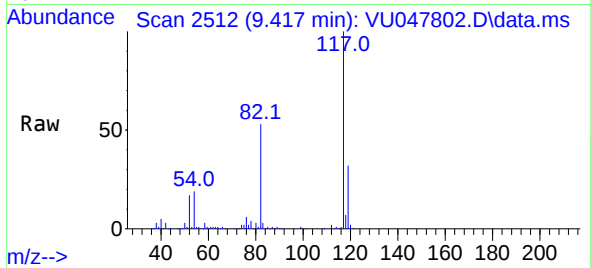
VSTDCCC050EC

Tgt Ion:117 Resp: 42850
Ion Ratio Lower Upper
117 100
82 52.6 41.7 62.5
119 32.2 25.7 38.5

Manual Integrations

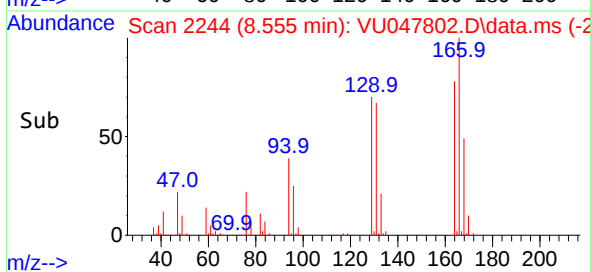
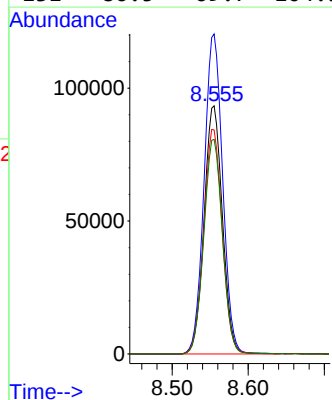
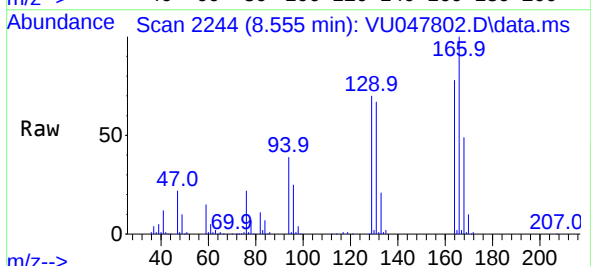
APPROVED

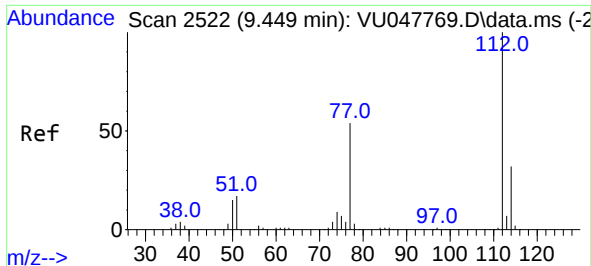
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#64
Tetrachloroethene
Concen: 49.613 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Tgt Ion:164 Resp: 157224
Ion Ratio Lower Upper
164 100
166 129.0 100.0 150.0
129 90.3 72.0 108.0
131 86.5 69.7 104.5





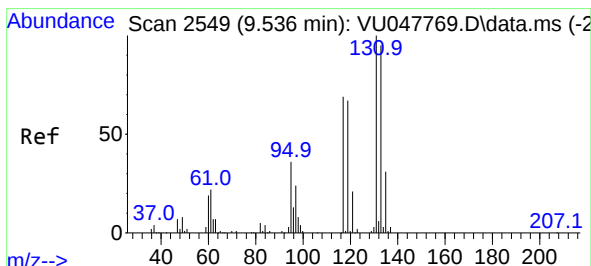
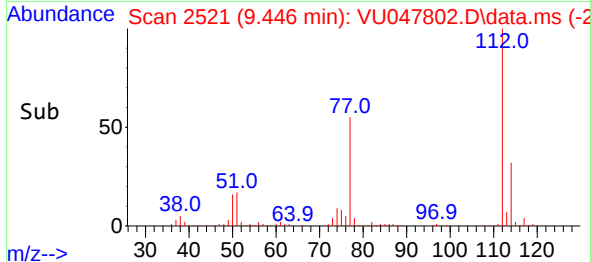
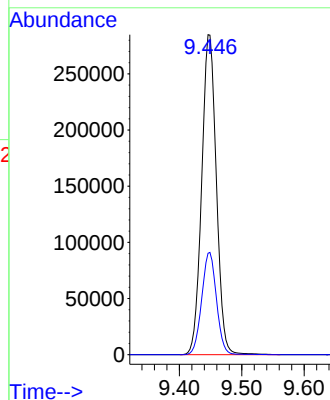
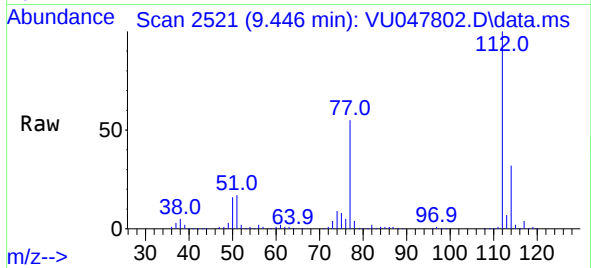
#65
Chlorobenzene
Concen: 50.949 ug/l
RT: 9.446 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 46555
Ion Ratio Lower Upper
112 100
114 31.7 24.9 37.3

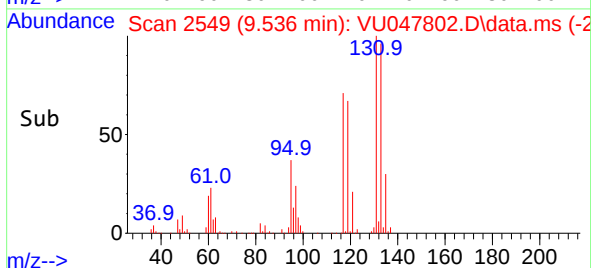
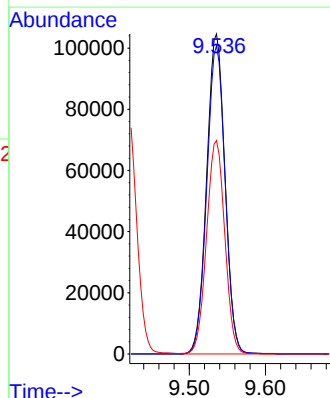
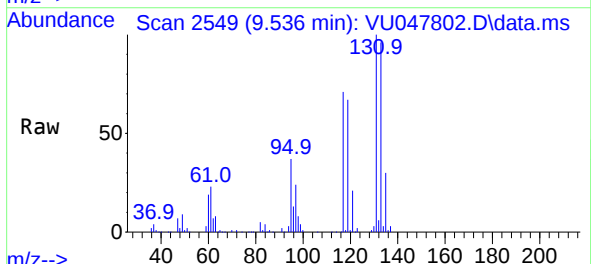
Manual Integrations
APPROVED

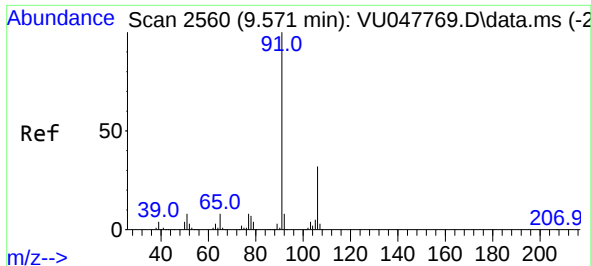
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.096 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

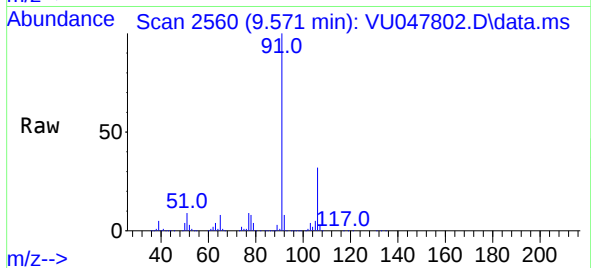
Tgt Ion:131 Resp: 175338
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 65.8 33.9 101.6





#67
Ethyl Benzene
Concen: 52.597 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

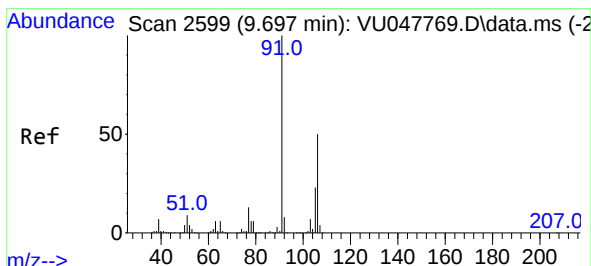
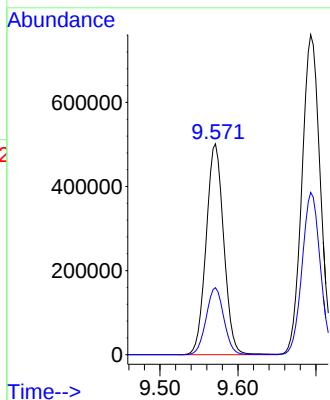
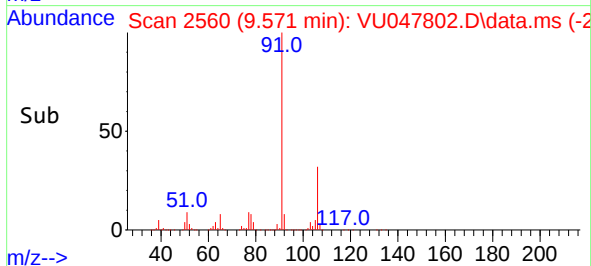
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



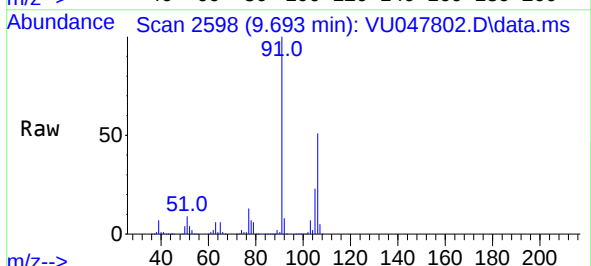
Tgt Ion: 91 Resp: 786940
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

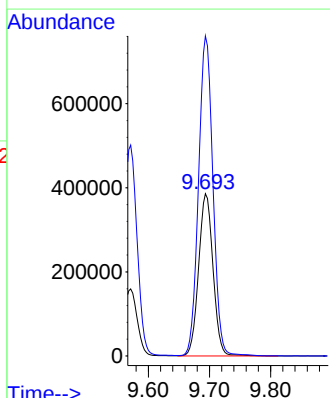
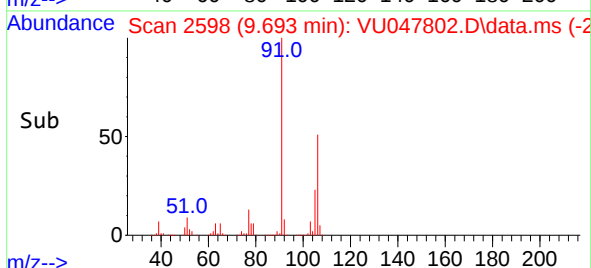
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

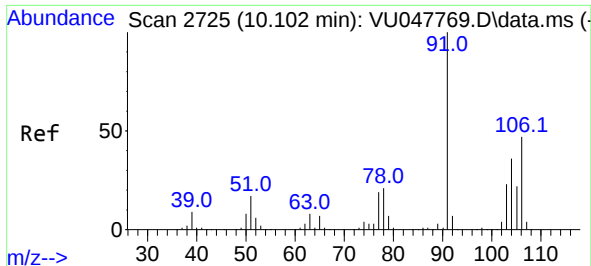


#68
m/p-Xylenes
Concen: 107.360 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



Tgt Ion:106 Resp: 631622
Ion Ratio Lower Upper
106 100
91 197.1 157.2 235.8





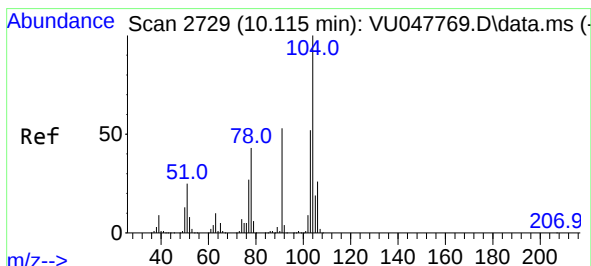
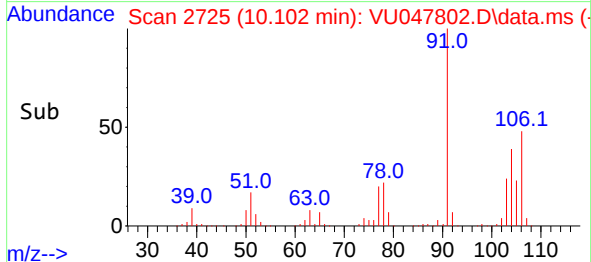
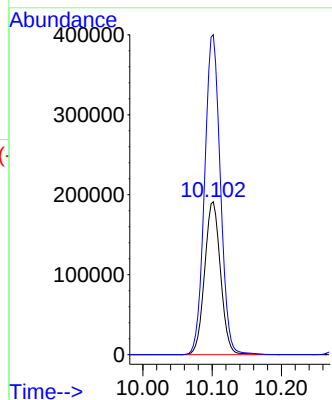
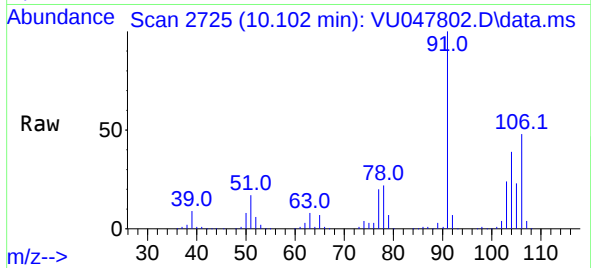
#69
o-Xylene
Concen: 53.975 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 30408
Ion Ratio Lower Upper
106 100
91 208.3 103.5 310.5

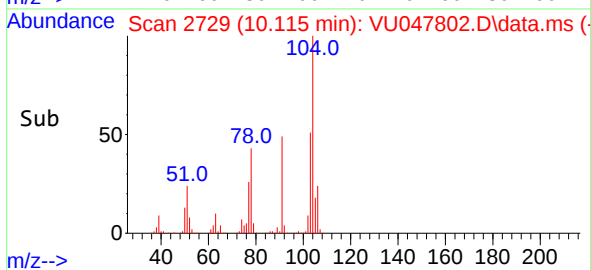
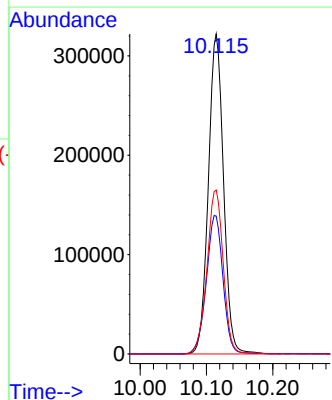
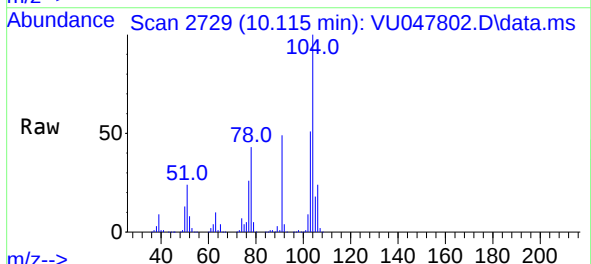
Manual Integrations
APPROVED

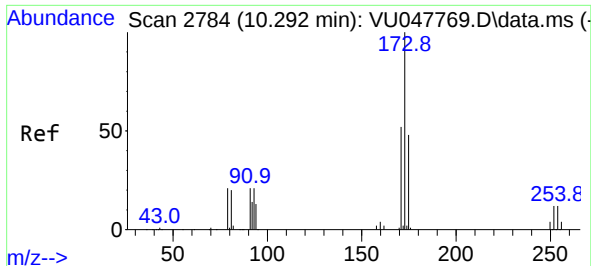
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#70
Styrene
Concen: 54.729 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

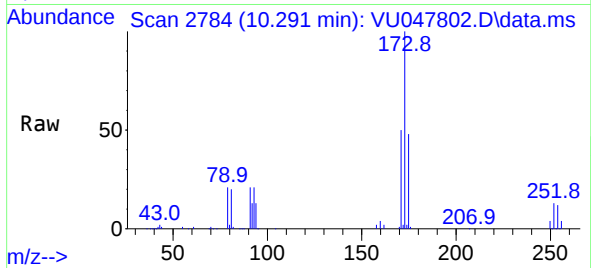
Tgt Ion:104 Resp: 512184
Ion Ratio Lower Upper
104 100
78 47.5 38.0 57.0
103 55.3 43.9 65.9





#71
Bromoform
Concen: 50.971 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

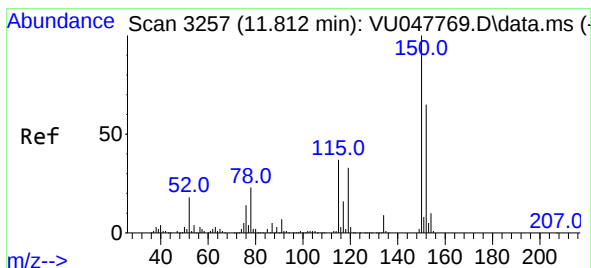
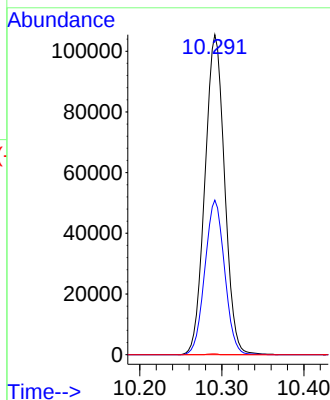
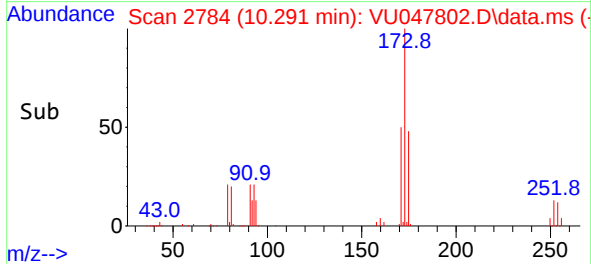
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



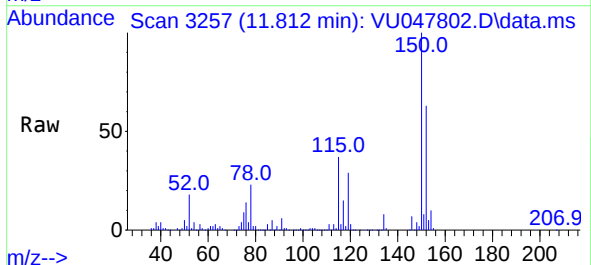
Tgt Ion:173 Resp: 175358
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

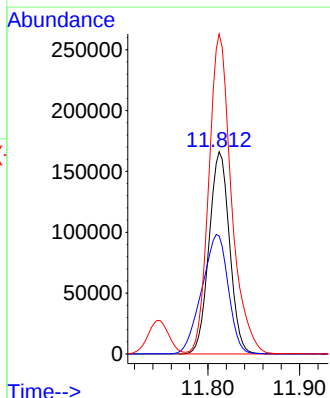
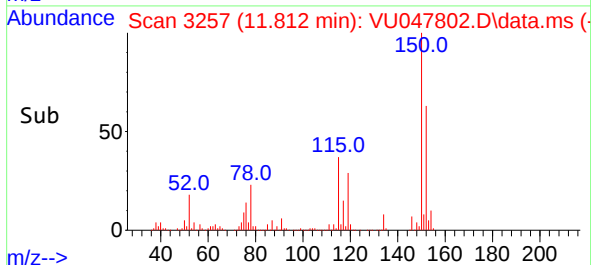
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

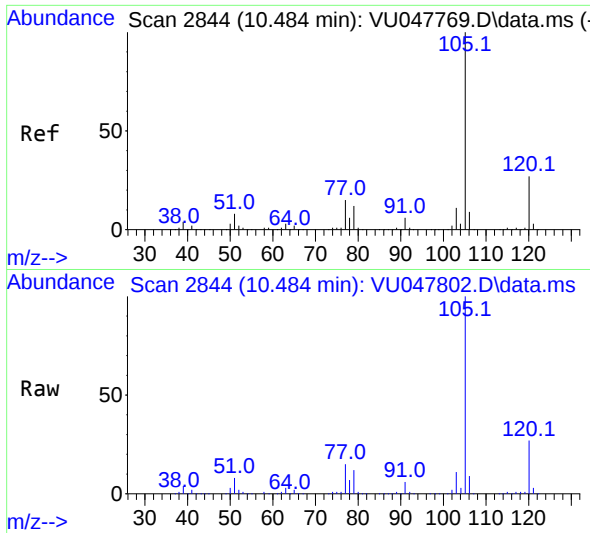


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



Tgt Ion:152 Resp: 257759
Ion Ratio Lower Upper
152 100
115 75.8 37.0 110.9
150 174.0 0.0 342.2





#73

Isopropylbenzene

Concen: 51.847 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU047802.D

Acq: 02 Apr 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 781570

Ion Ratio Lower Upper

105 100

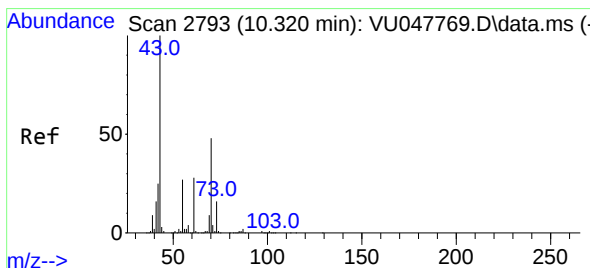
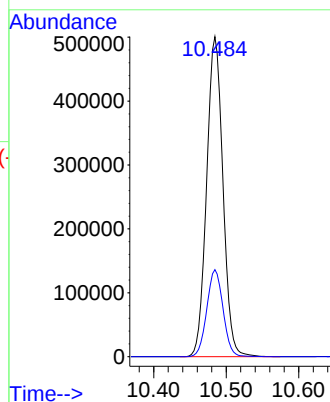
120 27.1 13.8 41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#74

N-ethyl acetate

Concen: 52.933 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. -0.000 min

Lab File: VU047802.D

Acq: 02 Apr 2022 15:41

Tgt Ion: 43 Resp: 315368

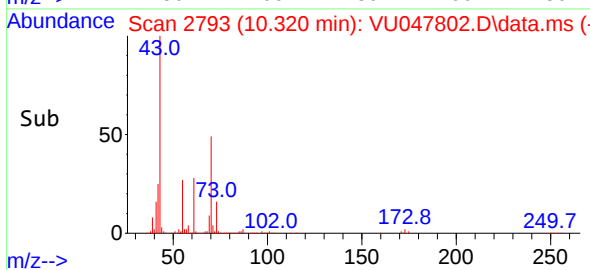
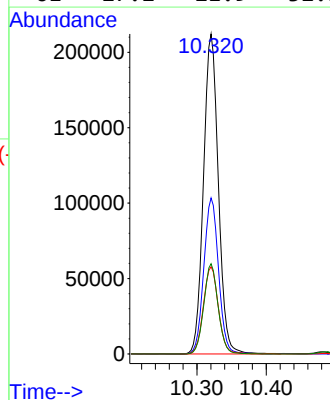
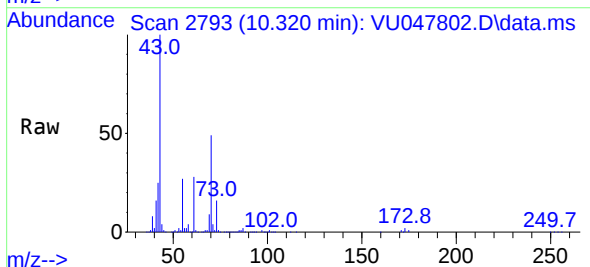
Ion Ratio Lower Upper

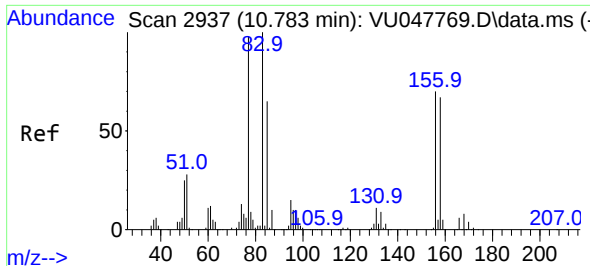
43 100

70 48.5 38.7 58.1

55 27.5 21.8 32.8

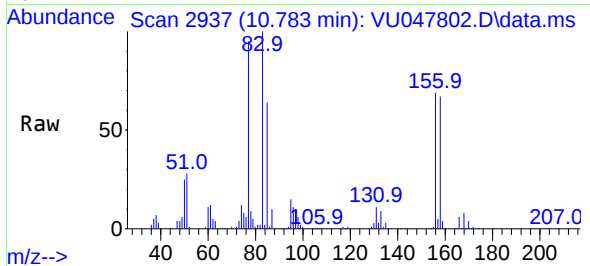
61 27.2 21.9 32.9





#75
1,1,2,2-Tetrachloroethane
Concen: 51.173 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

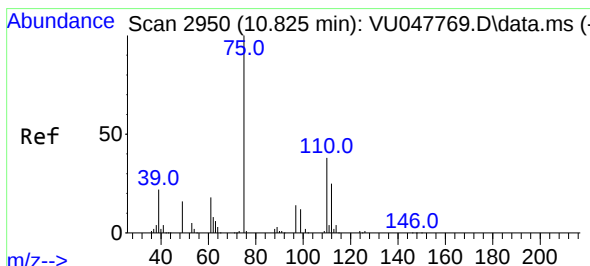
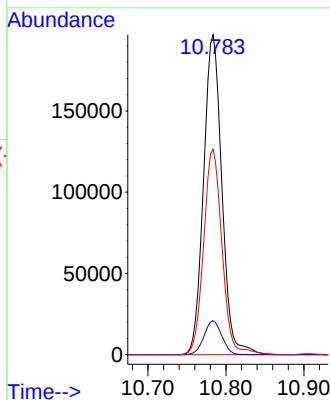
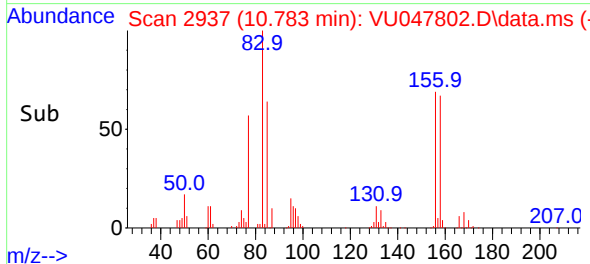
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



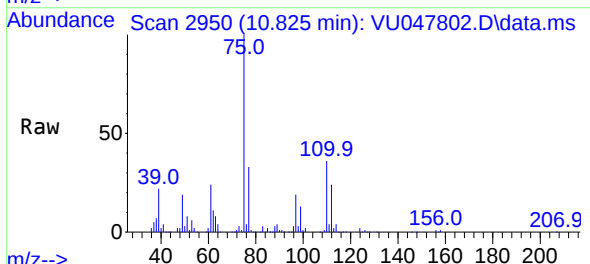
Tgt Ion: 83 Resp: 32211
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.4 32.2 96.6

Manual Integrations
APPROVED

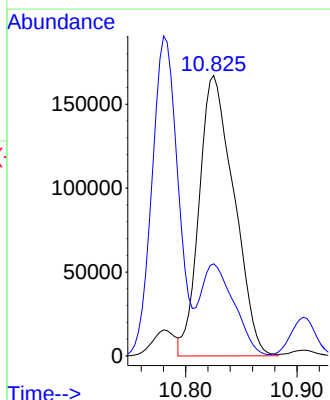
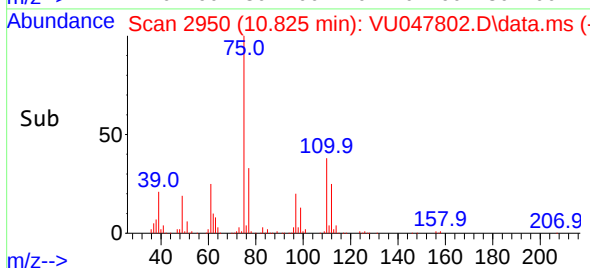
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

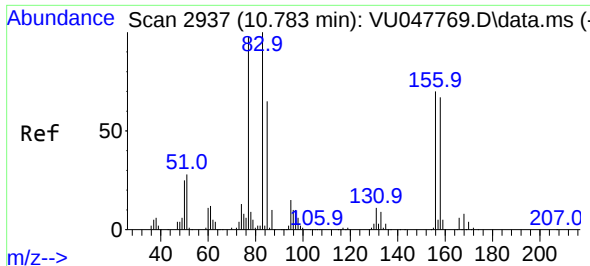


#76
1,2,3-Trichloropropane
Concen: 50.208 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



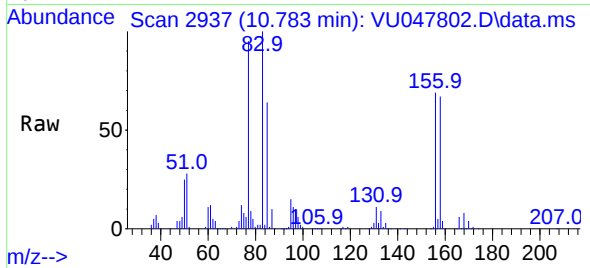
Tgt Ion: 75 Resp: 362283
Ion Ratio Lower Upper
75 100
77 30.3 15.8 47.3





#77
Bromobenzene
Concen: 51.253 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

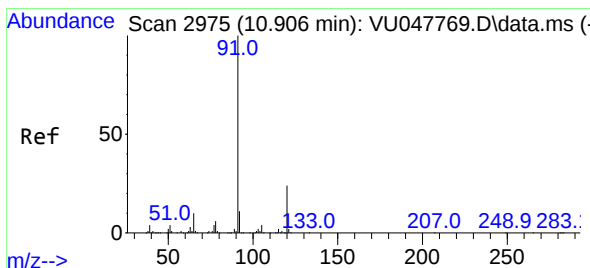
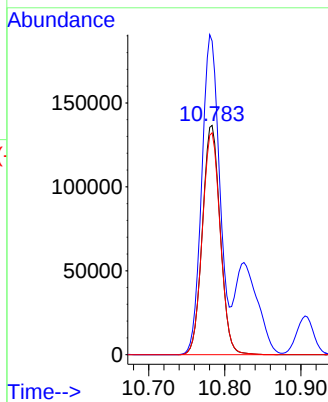
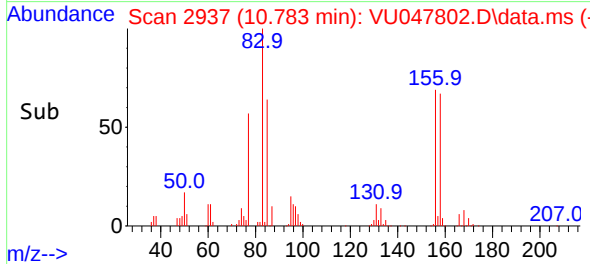
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



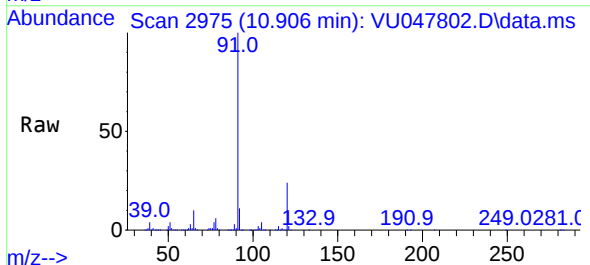
Tgt Ion:156 Resp: 222028
Ion Ratio Lower Upper
156 100
77 139.0 71.9 215.6
158 97.8 48.9 146.8

Manual Integrations
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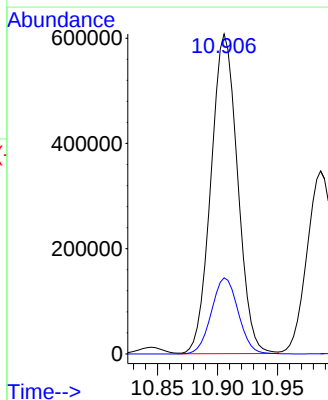
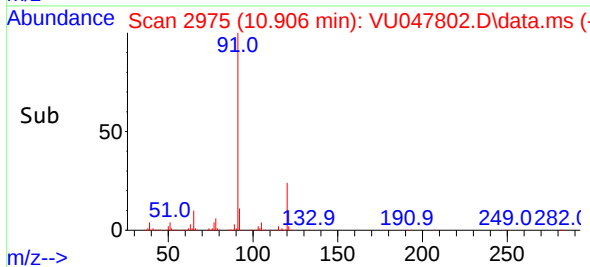
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

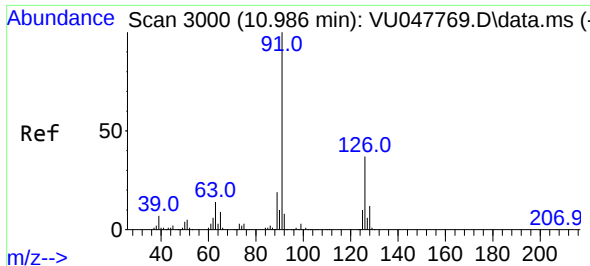


#78
n-propylbenzene
Concen: 52.043 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



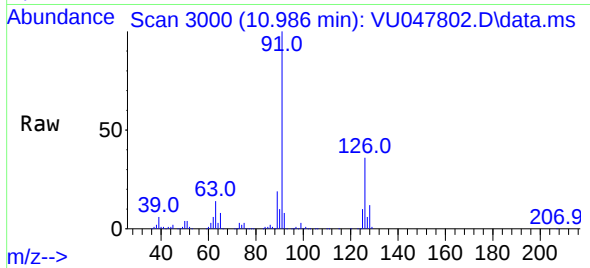
Tgt Ion: 91 Resp: 937310
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





#79
2-Chlorotoluene
Concen: 51.058 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

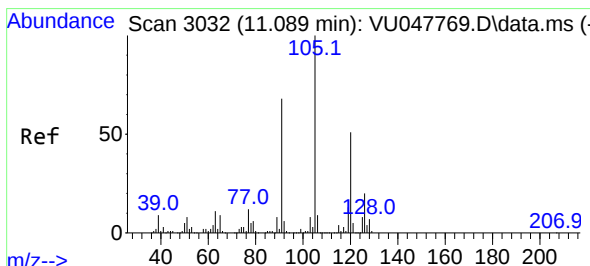
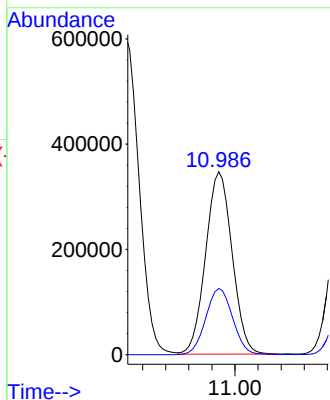
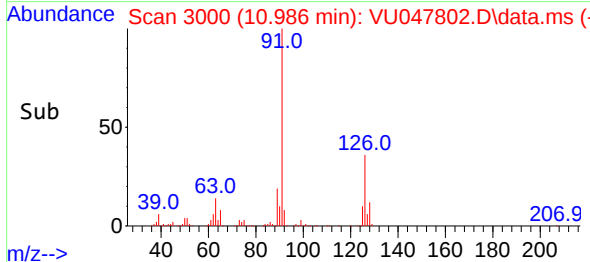
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



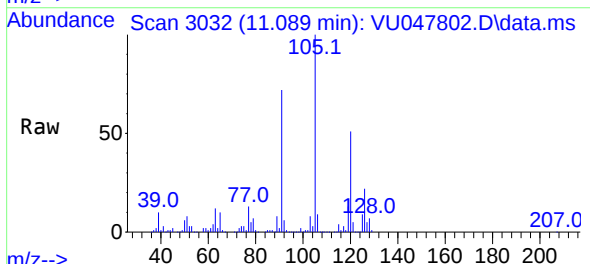
Tgt Ion: 91 Resp: 552562
Ion Ratio Lower Upper
91 100
126 36.9 18.4 55.0

Manual Integrations
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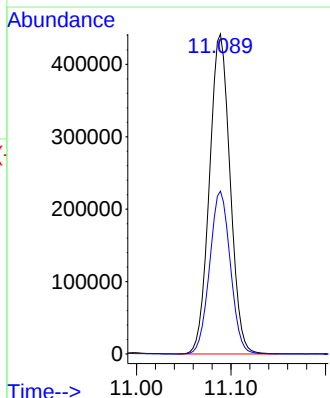
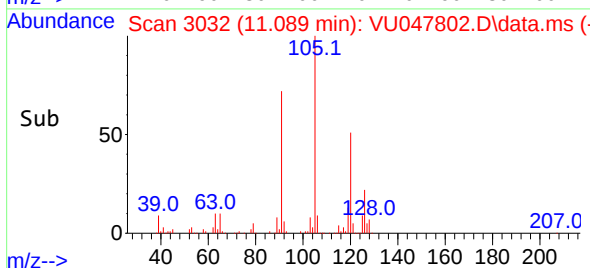
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

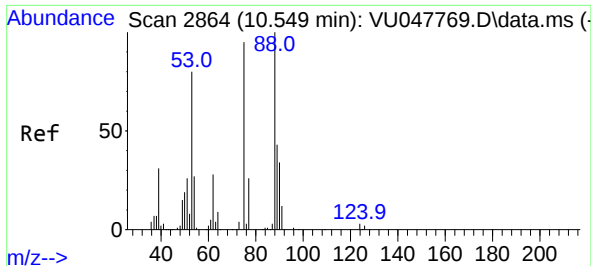


#80
1,3,5-Trimethylbenzene
Concen: 52.769 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



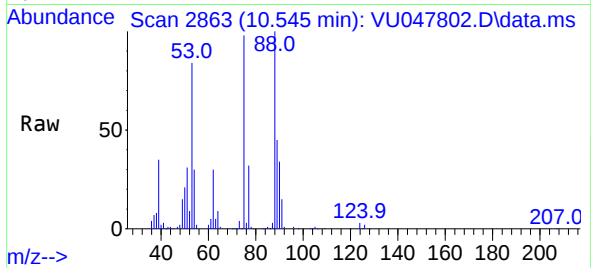
Tgt Ion:105 Resp: 670735
Ion Ratio Lower Upper
105 100
120 50.9 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 50.066 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

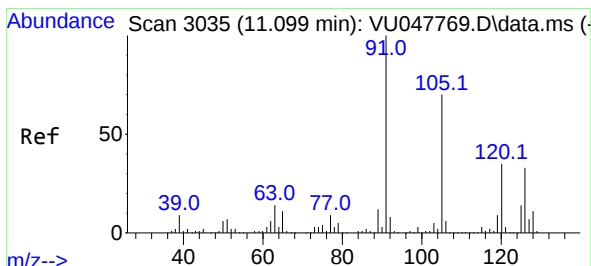
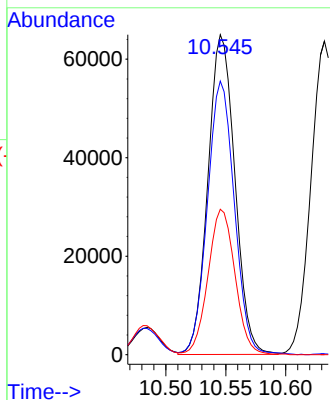
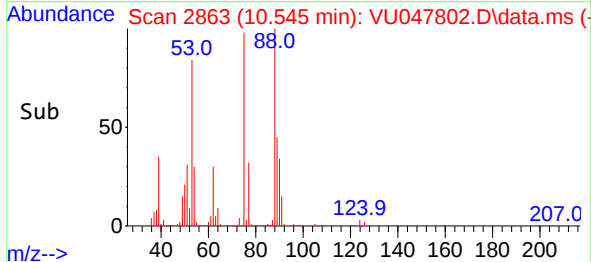
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



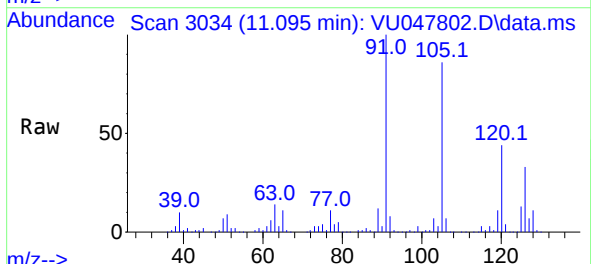
Tgt Ion: 75 Resp: 10149
Ion Ratio Lower Upper
75 100
53 85.8 69.2 103.8
89 45.6 37.0 55.6

Manual Integrations
APPROVED

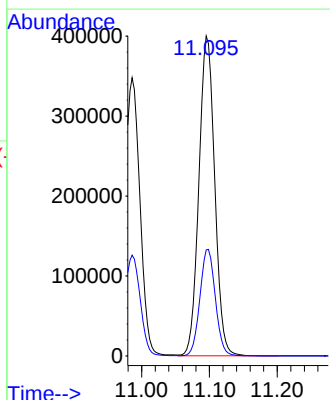
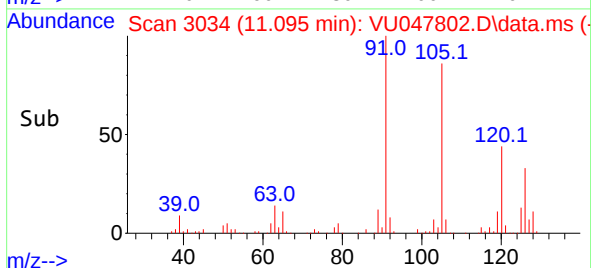
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

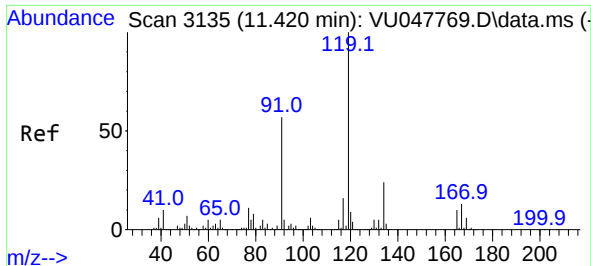


#82
4-Chlorotoluene
Concen: 51.476 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



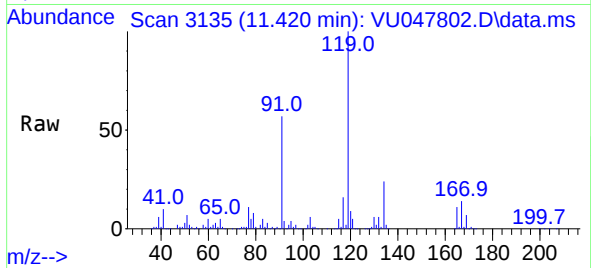
Tgt Ion: 91 Resp: 647195
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2





#83
tert-Butylbenzene
Concen: 51.393 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

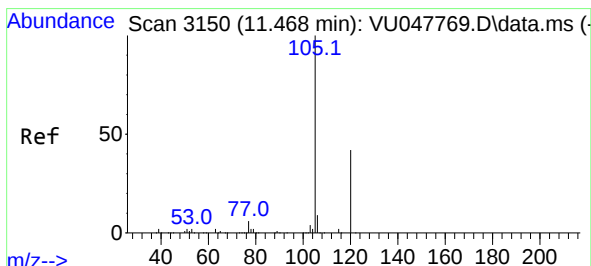
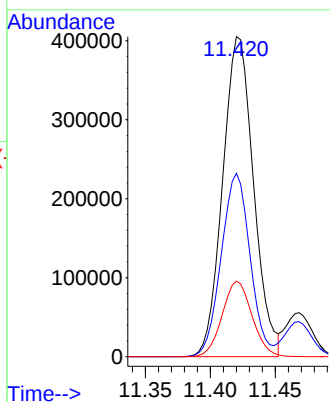
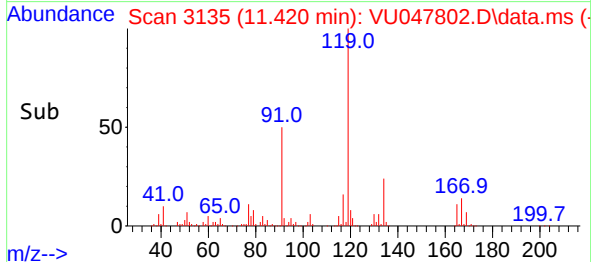
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



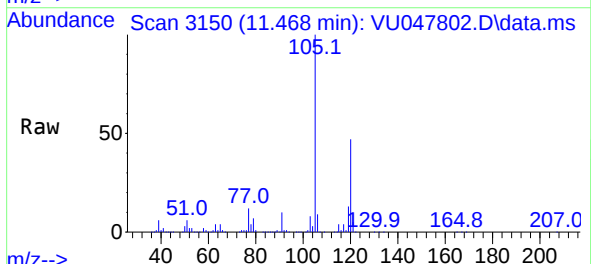
Tgt Ion:119 Resp: 671590
Ion Ratio Lower Upper
119 100
91 53.6 26.8 80.3
134 22.8 11.5 34.5

Manual Integrations
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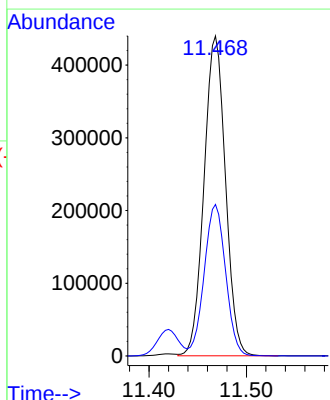
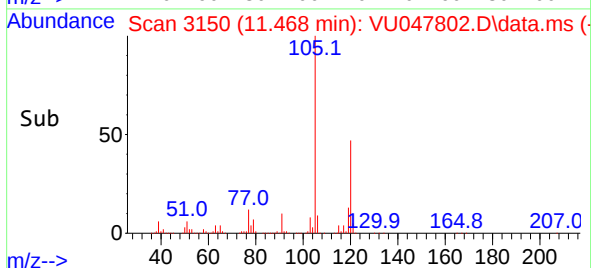
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

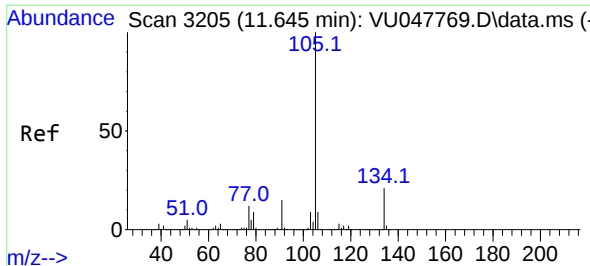


#84
1,2,4-Trimethylbenzene
Concen: 53.060 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



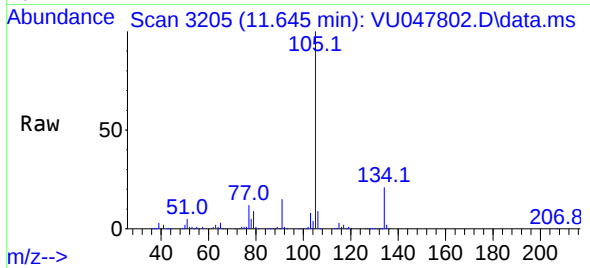
Tgt Ion:105 Resp: 670211
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.3





#85
 sec-Butylbenzene
 Concen: 51.680 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU047802.D
 Acq: 02 Apr 2022 15:41

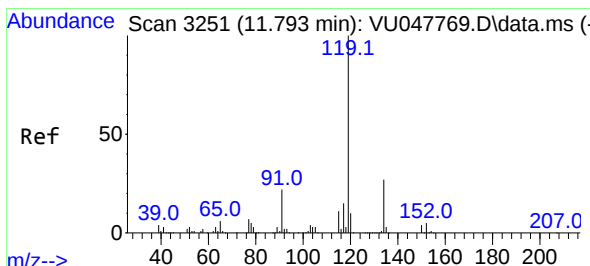
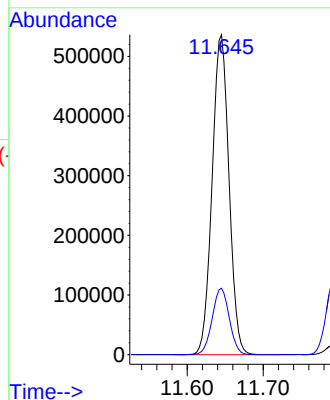
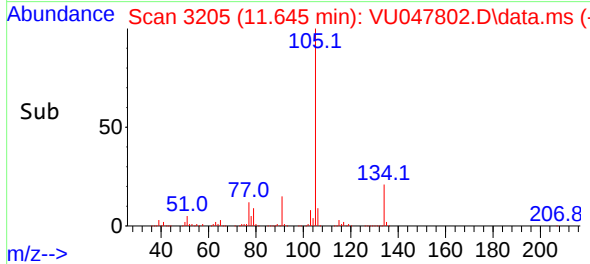
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



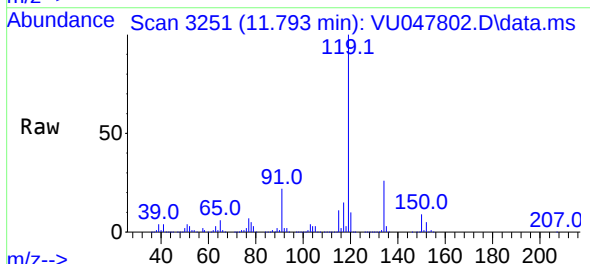
Tgt Ion:105 Resp: 824300
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

Manual Integrations
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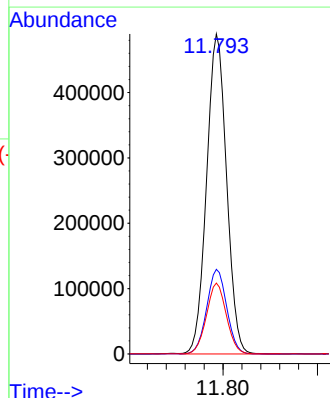
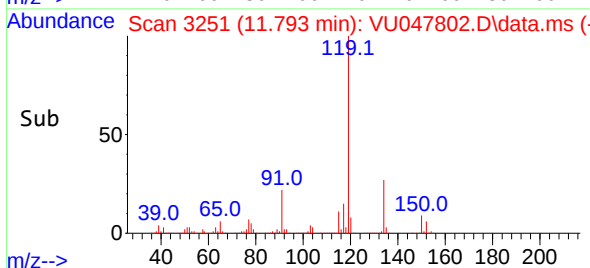
Reviewed By :John Carlone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022

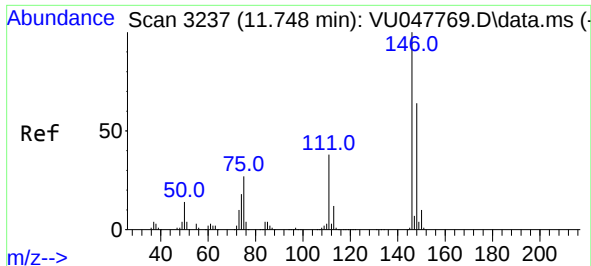


#86
 p-Isopropyltoluene
 Concen: 52.466 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU047802.D
 Acq: 02 Apr 2022 15:41



Tgt Ion:119 Resp: 717458
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.4
 91 22.1 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.035 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047802.D

Acq: 02 Apr 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

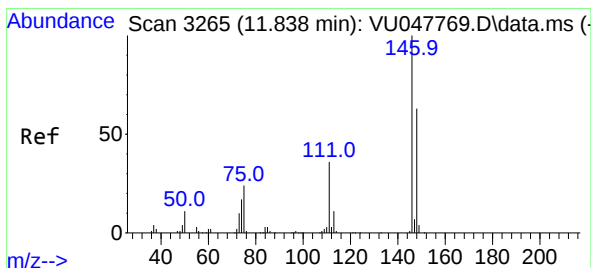
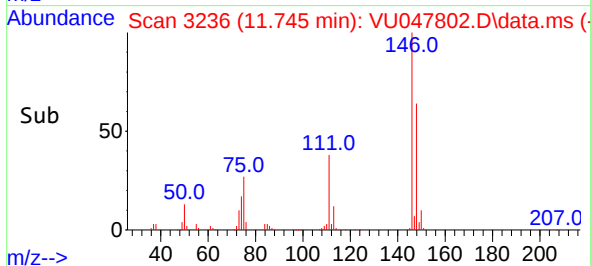
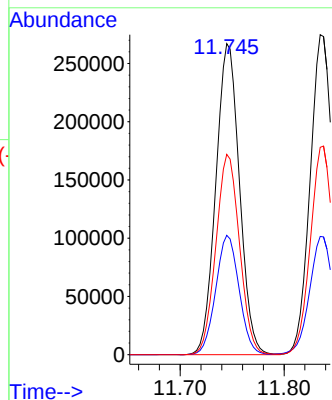
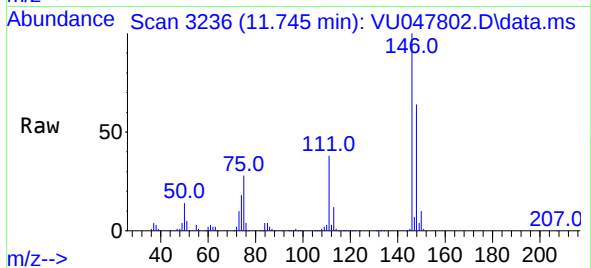
Tgt Ion:146 Resp: 422902
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.5
 148 64.3 31.9 95.9

Manual Integrations

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Reviewed By :John Carlone 04/04/2022

Supervised By :Mahesh Dadoda 04/05/2022



#88

1,4-Dichlorobenzene

Concen: 48.440 ug/l

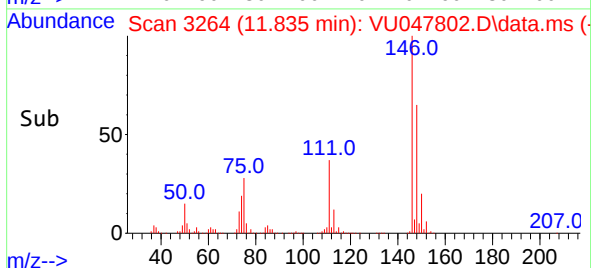
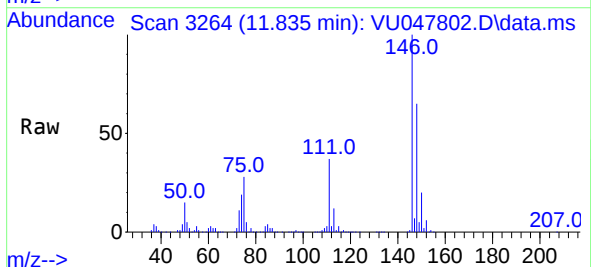
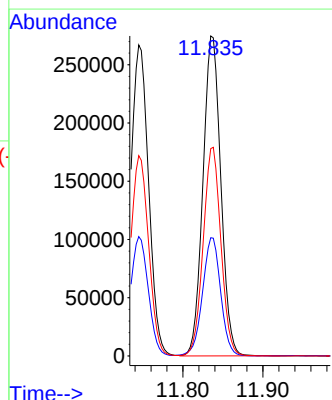
RT: 11.835 min Scan# 3264

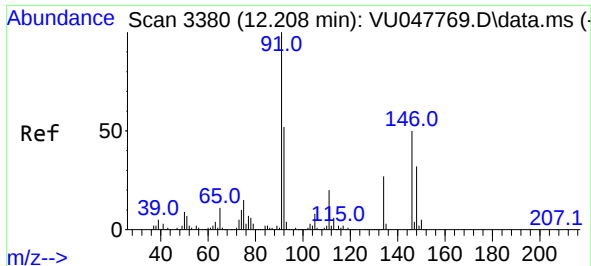
Delta R.T. -0.003 min

Lab File: VU047802.D

Acq: 02 Apr 2022 15:41

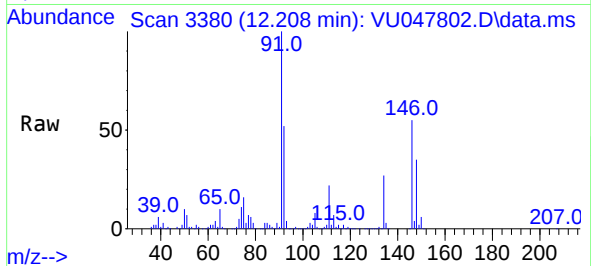
Tgt Ion:146 Resp: 427889
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.5 55.5
 148 64.8 31.9 95.7





#89
n-Butylbenzene
Concen: 50.641 ug/l
RT: 12.208 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

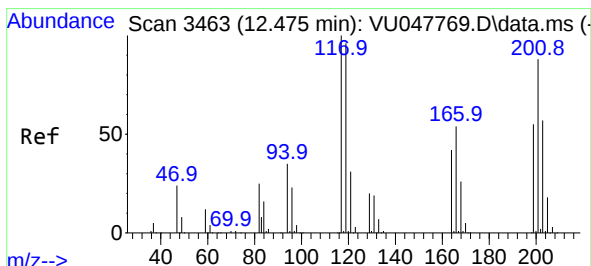
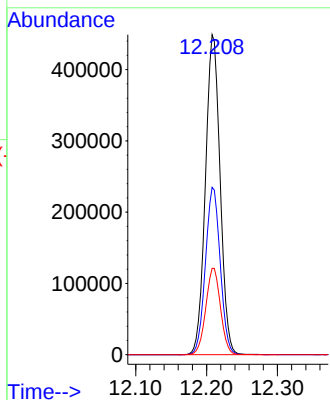
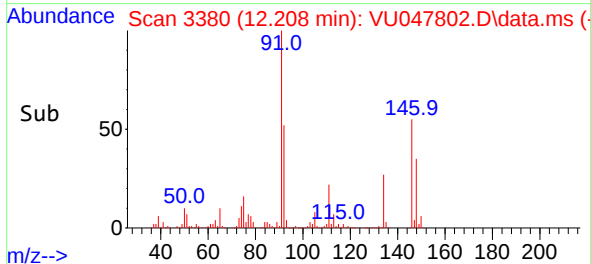
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



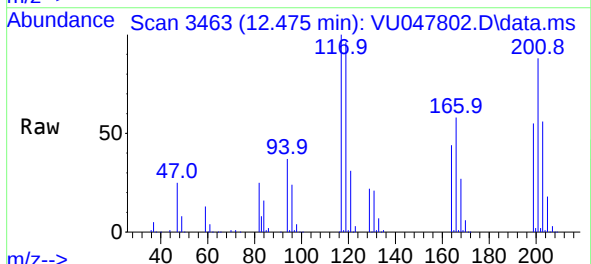
Tgt Ion: 91 Resp: 64714
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 27.0 13.5 40.4

Manual Integrations
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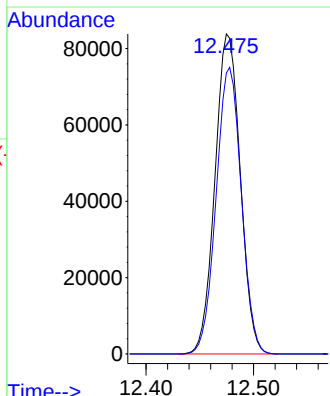
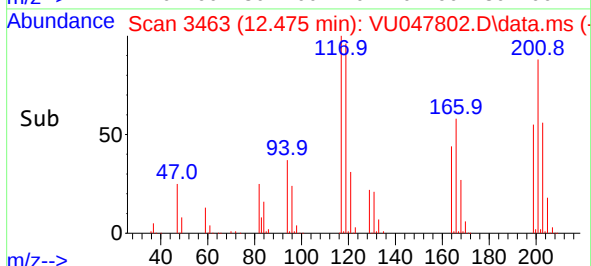
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

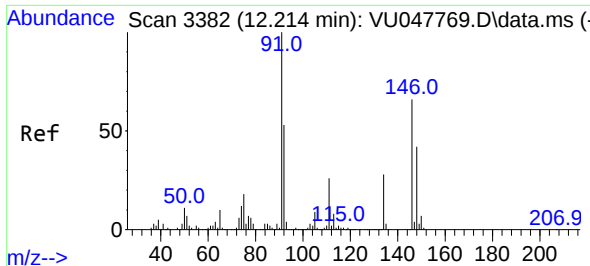


#90
Hexachloroethane
Concen: 49.541 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



Tgt Ion:117 Resp: 137042
Ion Ratio Lower Upper
117 100
201 89.4 44.6 134.0





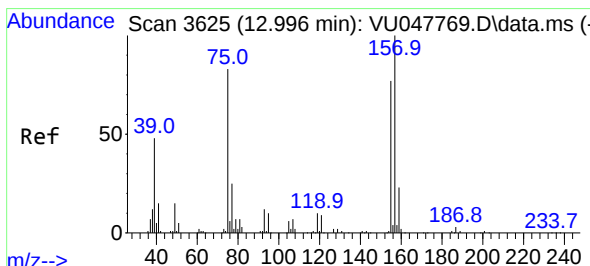
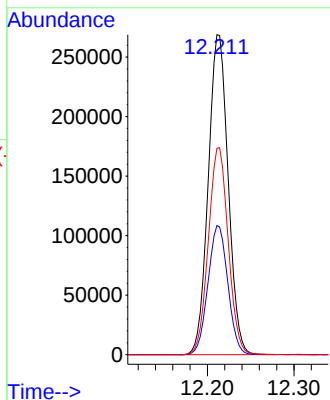
#91
1,2-Dichlorobenzene
Concen: 51.174 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 428950
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.6
148 64.6 32.1 96.5

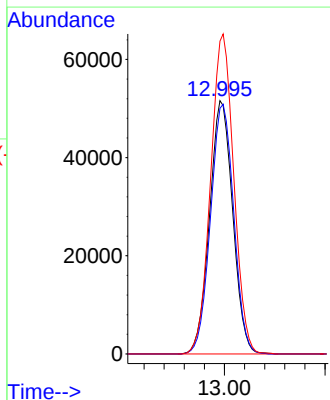
Manual Integrations
APPROVED

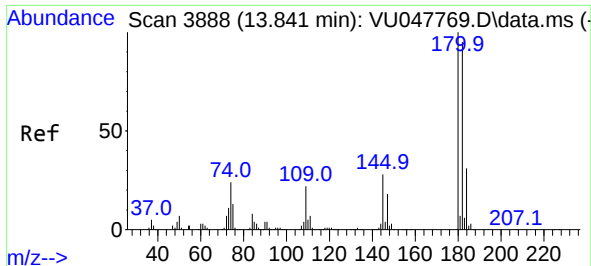
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.716 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

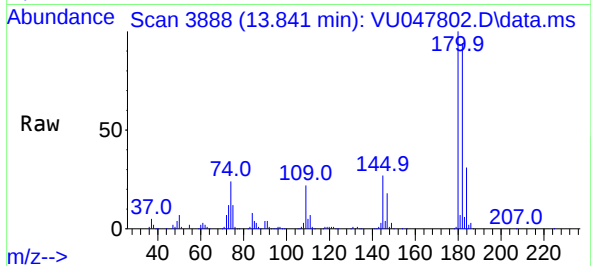
Tgt Ion: 75 Resp: 82668
Ion Ratio Lower Upper
75 100
155 98.7 47.8 143.4
157 126.1 62.2 186.5





#93
1,2,4-Trichlorobenzene
Concen: 54.951 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

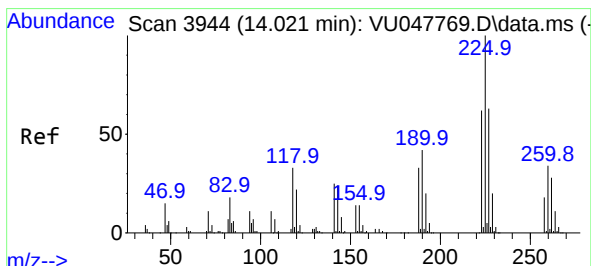
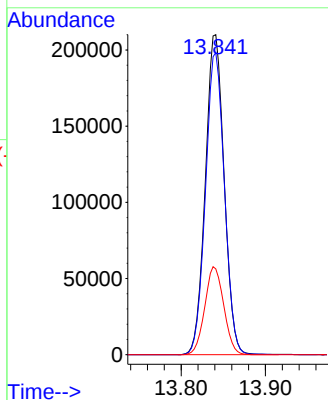
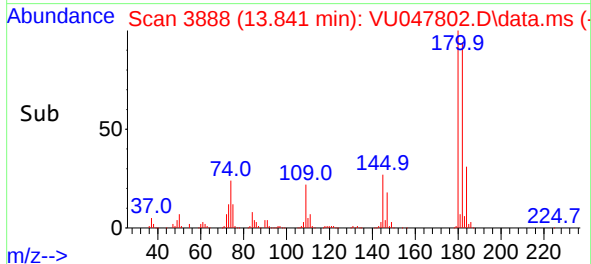
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



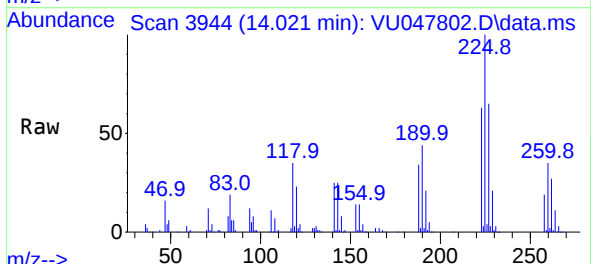
Tgt Ion:180 Resp: 326554
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 27.7 14.0 41.9

Manual Integrations
APPROVED

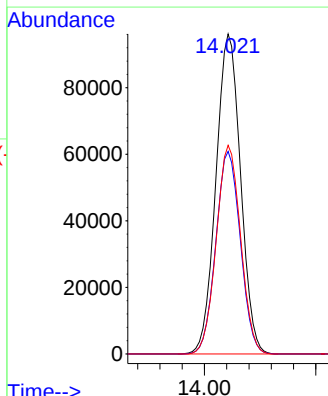
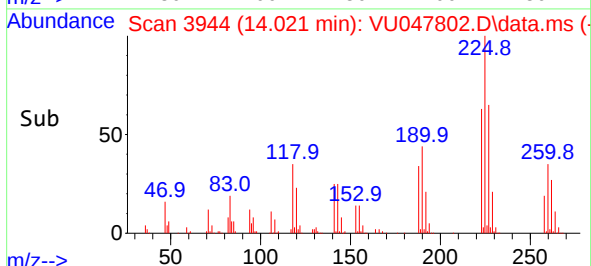
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

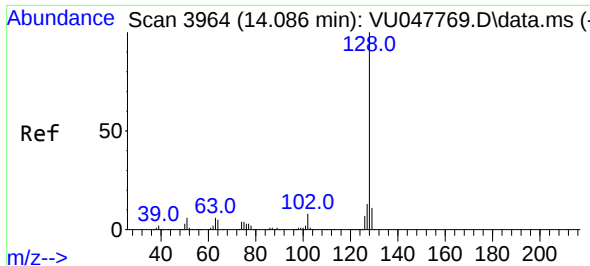


#94
Hexachlorobutadiene
Concen: 49.223 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41



Tgt Ion:225 Resp: 147577
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.9
227 64.4 32.0 96.2





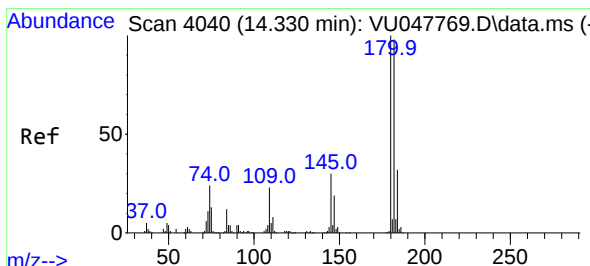
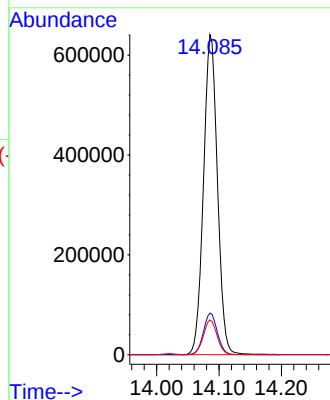
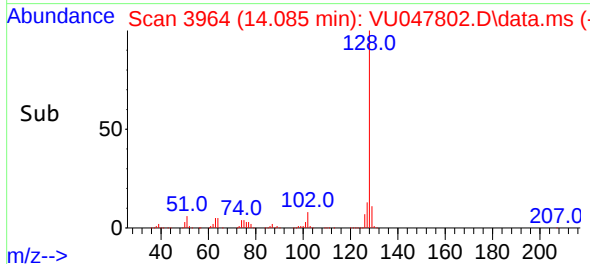
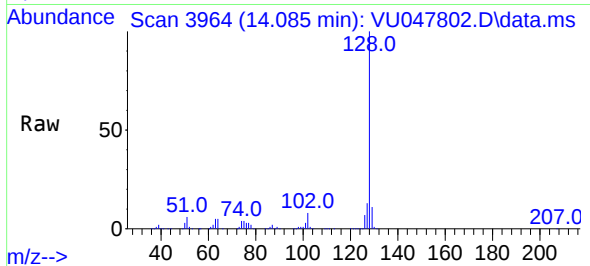
#95
Naphthalene
Concen: 56.239 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 995884
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0

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Supervised By :Mahesh Dadoda 04/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.502 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047802.D
Acq: 02 Apr 2022 15:41

Tgt Ion:180 Resp: 321661
Ion Ratio Lower Upper
180 100
182 95.8 48.4 145.0
145 29.0 14.8 44.4

