

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032122\
 Data File : VU047630.D
 Acq On : 21 Mar 2022 16:39
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 22 01:49:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 13:19:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	31467	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12053	1.028	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14686	1.033	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	111015	9.766	ug/l	99
3) Chloromethane	1.530	50	109734	9.880	ug/l	100
4) Vinyl Chloride	1.607	62	103121	9.567	ug/l	100
5) Bromomethane	1.861	94	59033	9.338	ug/l	100
6) Chloroethane	1.938	64	63057	9.785	ug/l	99
7) Trichlorofluoromethane	2.144	101	143365	9.621	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	81854	9.613	ug/l	91
9) 1,1-Dichloroethene	2.584	96	81455	9.679	ug/l	92
10) Iodomethane	2.729	142	50448	11.181	ug/l	100
11) Allyl Chloride	2.929	41	102992	9.733	ug/l	99
12) Acrylonitrile	3.327	53	37844	20.378	ug/l	91
13) Acetone	2.649	43	62924	49.819	ug/l	100
14) Carbon Disulfide	2.797	76	251279	9.450	ug/l	99
15) Methylene Chloride	3.051	84	95762	9.912	ug/l	95
16) trans-1,2-Dichloroethene	3.356	96	84622	9.564	ug/l	91
17) 1,1-Dichloroethane	3.874	63	148965	9.919	ug/l	99
18) 2-Butanone	4.726	43	103474	52.600	ug/l	99
19) Cyclohexane	5.391	56	117908m	10.465	ug/l	
20) Methylcyclohexane	6.768	83	141158	10.921	ug/l	94
21) 2,2-Dichloropropane	4.671	77	133675	10.126	ug/l	95
22) cis-1,2-Dichloroethene	4.671	96	97627	10.159	ug/l	88
23) Diethyl Ether	2.382	59	60379	9.820	ug/l	96
24) tert-Butyl Alcohol	3.253	59	41296	97.382	ug/l	# 1
25) Methyl tert-Butyl Ether	3.372	73	204540	9.984	ug/l	98
26) Bromochloromethane	4.980	128	47483	9.767	ug/l	81
27) Chloroform	5.092	83	161104	9.926	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	141332	10.026	ug/l	96
29) 1,1-Dichloropropene	5.530	75	119960	10.500	ug/l	96
30) Carbon Tetrachloride	5.526	117	127989	10.189	ug/l	100
31) Isopropyl Ether	4.002	45	205658	10.315	ug/l	96
32) Ethyl-t-butyl ether	4.514	59	205078	10.190	ug/l	93
33) Tert-Amyl methyl ether	5.948	73	197017	10.414	ug/l	97
34) Propionitrile	4.806	54	31228	54.587	ug/l	# 91
35) Benzene	5.777	78	347860	10.177	ug/l	100
36) 1,2-Dichloroethane	5.800	62	104313	10.088	ug/l	99
37) Trichloroethene	6.546	130	100135	10.139	ug/l	88
38) 1,2-Dichloropropane	6.797	63	88886	10.097	ug/l	98
39) Methacrylonitrile	4.983	41	26362	10.697	ug/l	96
40) Methyl acrylate	4.854	55	44974	10.799	ug/l	# 95
41) Tetrahydrofuran	5.073	42	25635	20.500	ug/l	95
42) 1-Chlorobutane	5.462	56	152049	10.326	ug/l	97
43) Dibromomethane	6.922	93	53384	10.120	ug/l	# 86
44) Bromodichloromethane	7.108	83	123112	10.060	ug/l	# 99

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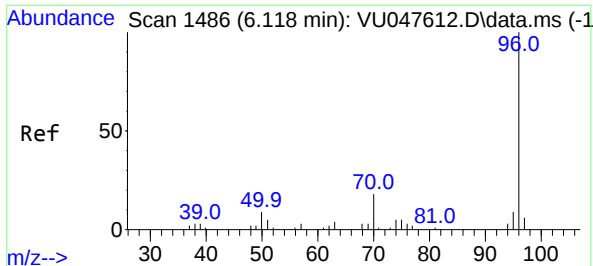
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	286532	54.331	ug/l	97
46) t-1,4-Dichloro-2-butene	10.838	75	52190m	22.783	ug/l	
47) Methyl methacrylate	6.967	69	95419	22.361	ug/l	88
48) Ethyl methacrylate	8.337	69	89894	11.180	ug/l	88
49) Toluene	7.973	92	224787	10.701	ug/l	97
50) t-1,3-Dichloropropene	8.214	75	118423	10.444	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	129710	10.391	ug/l	94
52) 1,1,2-Trichloroethane	8.404	97	74947	10.209	ug/l	98
53) 1,3-Dichloropropane	8.578	76	123445	10.329	ug/l	99
54) 2-Hexanone	8.690	43	208517	54.153	ug/l	98
55) Dibromochloromethane	8.813	129	94685	10.212	ug/l	100
56) 1,2-Dibromoethane	8.928	107	74803	10.236	ug/l	99
58) Tetrachloroethene	8.555	164	92063	10.111	ug/l	96
59) Chlorobenzene	9.449	112	255796	10.447	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	97109	10.217	ug/l	99
61) Pentachloroethane	11.430	117	82895	10.306	ug/l	84
62) Hexachloroethane	12.478	117	82250	10.300	ug/l #	68
63) Ethyl Benzene	9.571	91	422733	11.021	ug/l	98
64) m/p-Xylenes	9.697	106	343529	22.576	ug/l	95
65) o-Xylene	10.102	106	162678	11.298	ug/l	93
66) Styrene	10.115	104	285206	11.484	ug/l	95
67) Bromoform	10.295	173	64269	10.415	ug/l #	98
69) Isopropylbenzene	10.488	105	428125	11.229	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.787	83	100624	10.293	ug/l	98
71) 1,2,3-Trichloropropane	10.832	75	67736m	8.776	ug/l	
72) Bromobenzene	10.784	156	121732	10.650	ug/l	77
73) n-propylbenzene	10.909	120	127574	11.530	ug/l	82
74) 2-Chlorotoluene	10.986	126	112974	11.118	ug/l	79
75) 1,3,5-Trimethylbenzene	11.089	105	375704	9.916	ug/l	96
76) 4-Chlorotoluene	11.099	126	122387	11.319	ug/l	72
77) tert-Butylbenzene	11.423	119	374004	11.262	ug/l	92
78) 1,2,4-Trimethylbenzene	11.468	105	386264	9.966	ug/l	96
79) sec-Butylbenzene	11.645	105	492289	11.374	ug/l	96
80) Nitrobenzene	13.208	77	20368	51.016	ug/l	95
81) p-Isopropyltoluene	11.793	119	431398	9.923	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	240253	10.639	ug/l	96
83) 1,4-Dichlorobenzene	11.838	146	244607	10.773	ug/l	97
84) n-Butylbenzene	12.211	91	399529	9.793	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	232682	10.726	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	17281	10.481	ug/l #	71
87) 1,2,4-Trichlorobenzene	13.841	180	172144	11.112	ug/l	97
88) Hexachlorobutadiene	14.025	225	99843	10.736	ug/l	98
89) Naphthalene	14.089	128	290478	11.039	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	161777	11.078	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

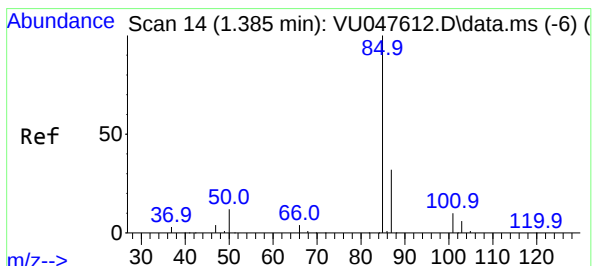
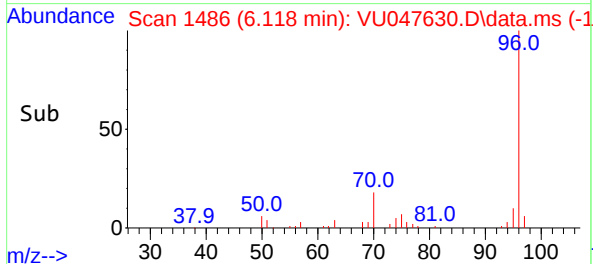
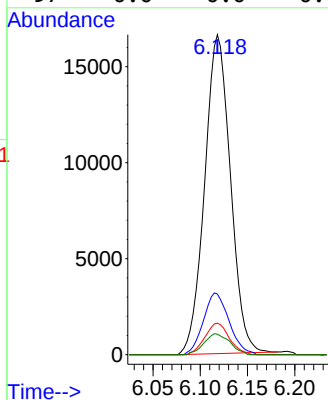
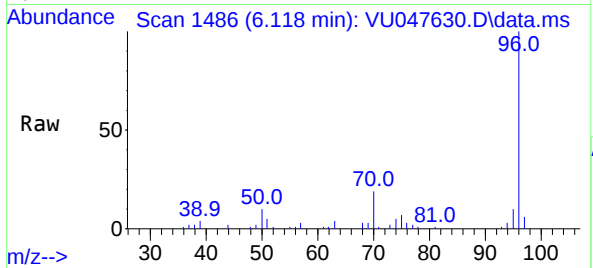
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 3146

Ion	Ratio	Lower	Upper
96	100		
70	19.3	16.8	25.2
95	9.4	7.3	10.9
97	0.0	0.0	0.0

Manual Integrations
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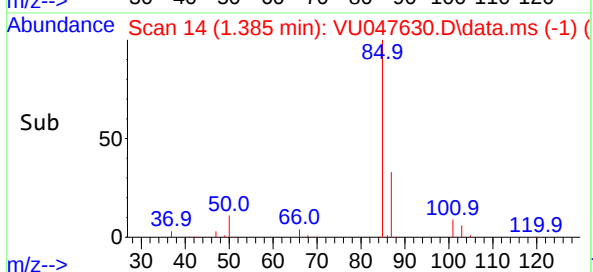
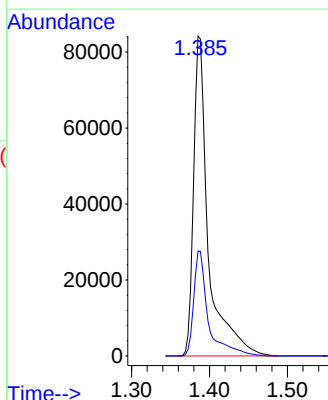
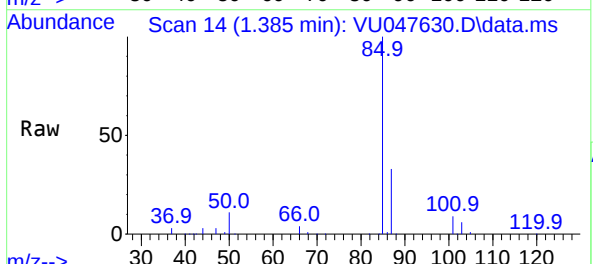
Reviewed By :John Carlone 03/22/2022
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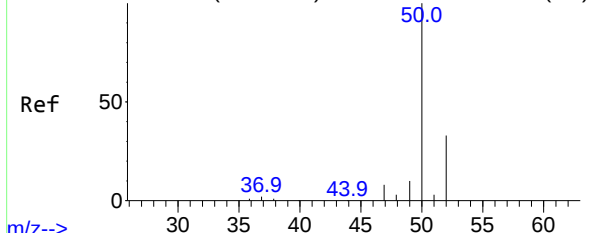
#2
Dichlorodifluoromethane
Concen: 9.766 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion: 85 Resp: 111015

Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.2	48.6



Abundance Scan 58 (1.527 min): VU047612.D\data.ms (-48)



#3

Chloromethane

Concen: 9.880 ug/l

RT: 1.530 min Scan# 59

Delta R.T. 0.003 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 50 Resp: 109734

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.4

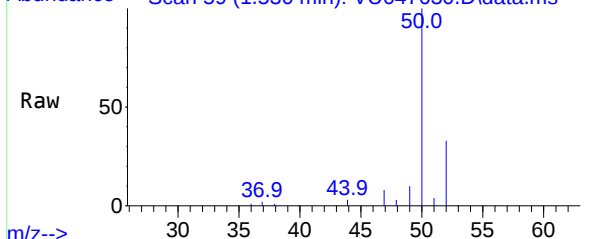
Manual Integrations

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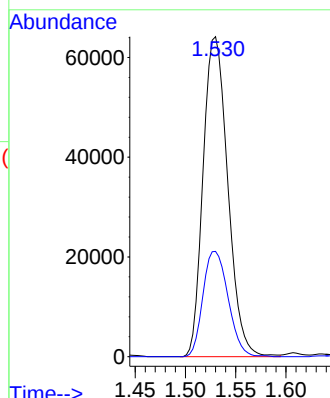
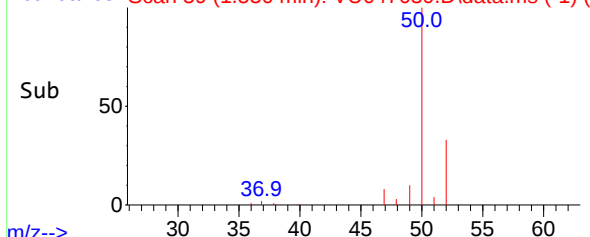
Reviewed By :John Carlone 03/22/2022

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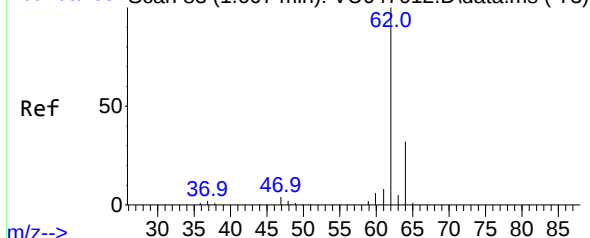
Abundance Scan 59 (1.530 min): VU047630.D\data.ms



Abundance Scan 59 (1.530 min): VU047630.D\data.ms (-1)



Abundance Scan 83 (1.607 min): VU047612.D\data.ms (-73)



#4

Vinyl Chloride

Concen: 9.567 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

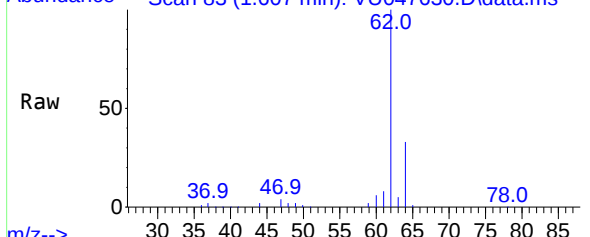
Tgt Ion: 62 Resp: 103121

Ion Ratio Lower Upper

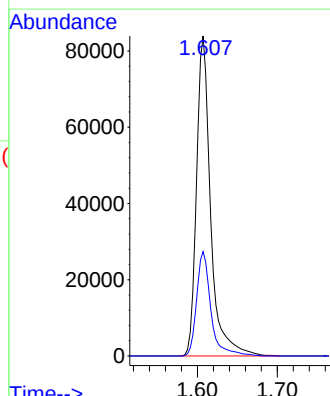
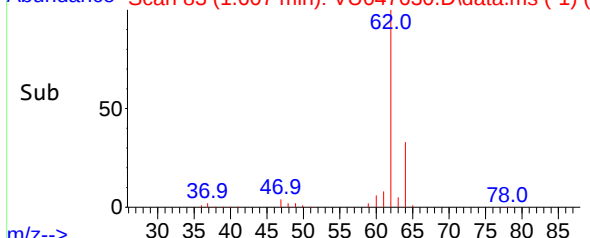
62 100

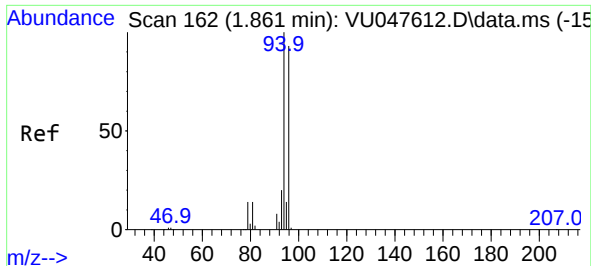
64 32.6 26.0 39.0

Abundance Scan 83 (1.607 min): VU047630.D\data.ms



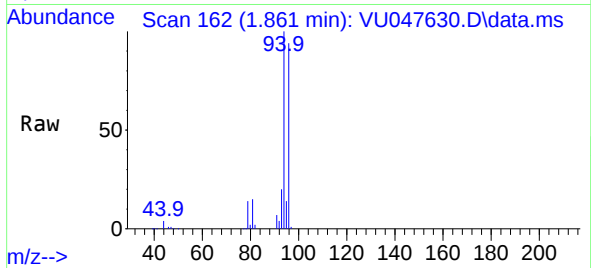
Abundance Scan 83 (1.607 min): VU047630.D\data.ms (-1)





#5
Bromomethane
Concen: 9.338 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

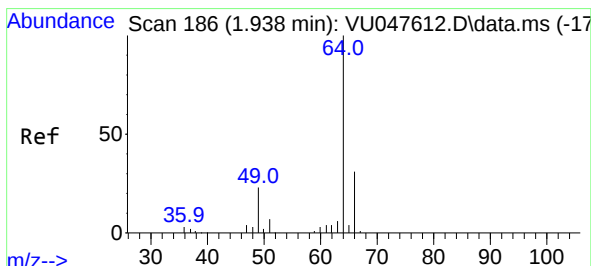
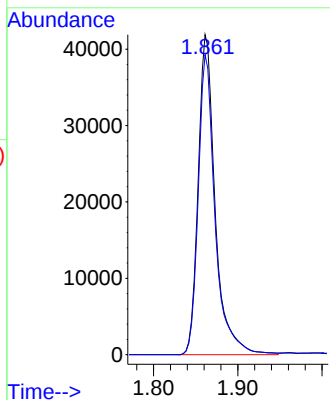
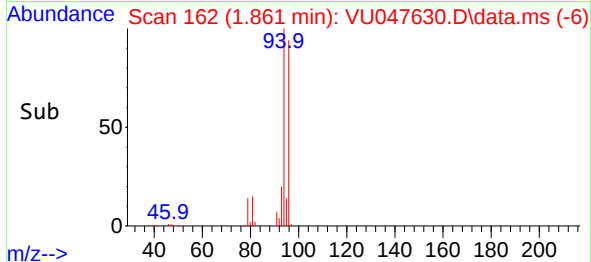
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ClientSampleId :
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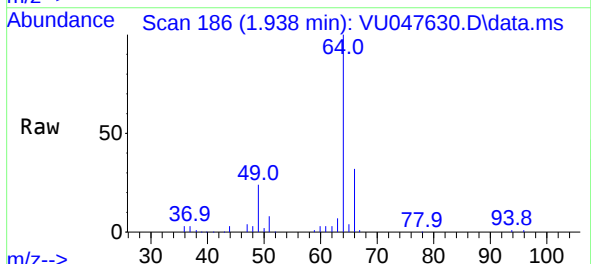
Tgt Ion: 94 Resp: 5903
Ion Ratio Lower Upper
94 100
96 93.8 75.0 112.4

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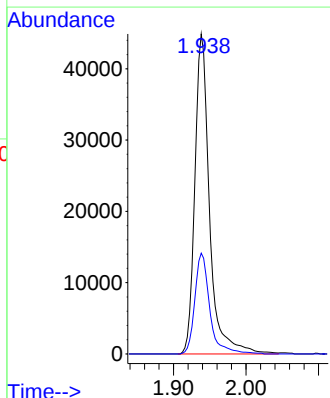
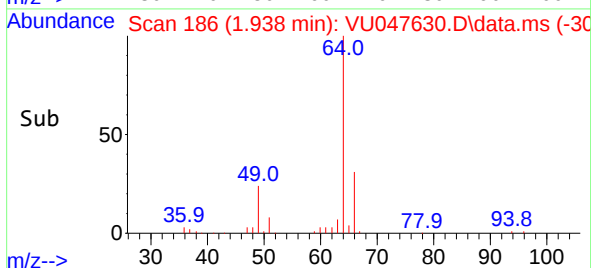
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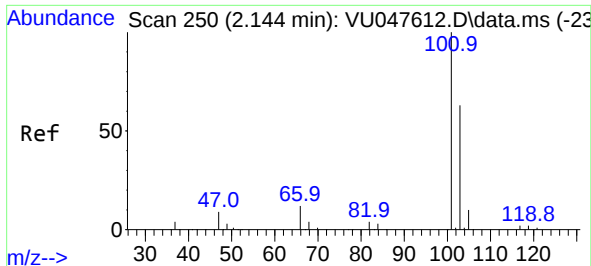


#6
Chloroethane
Concen: 9.785 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



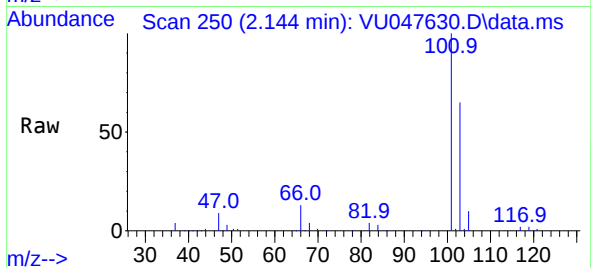
Tgt Ion: 64 Resp: 63057
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.8





#7
Trichlorofluoromethane
Concen: 9.621 ug/l
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

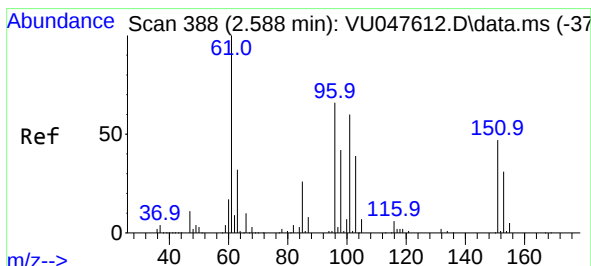
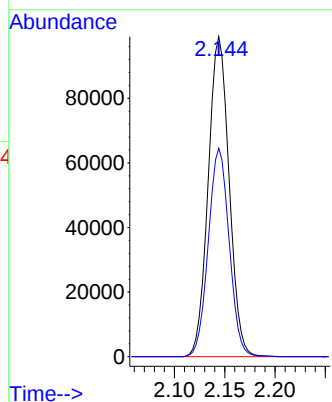
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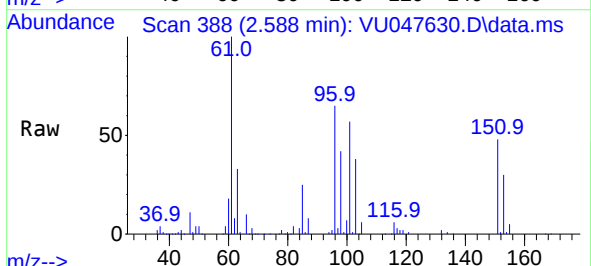
Tgt Ion:101 Resp: 14336
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.2

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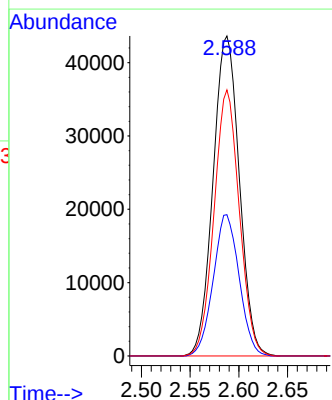
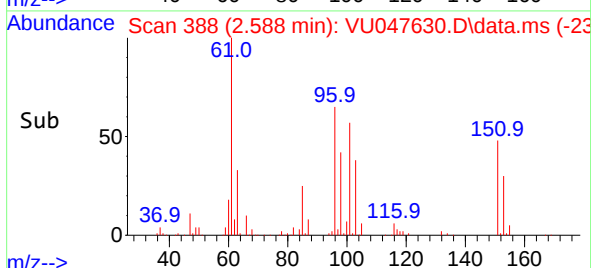
Reviewed By :John Carlone 03/22/2022
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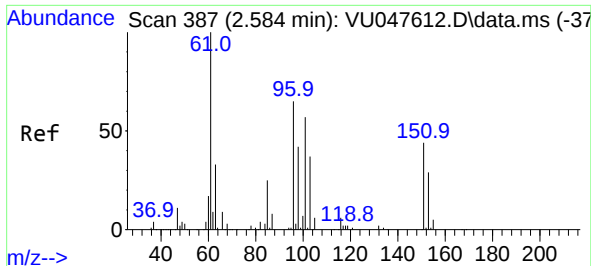


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.613 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion:101 Resp: 81854
Ion Ratio Lower Upper
101 100
85 43.6 35.8 53.6
151 80.0 54.6 81.8





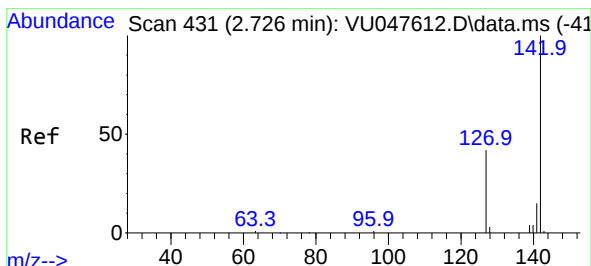
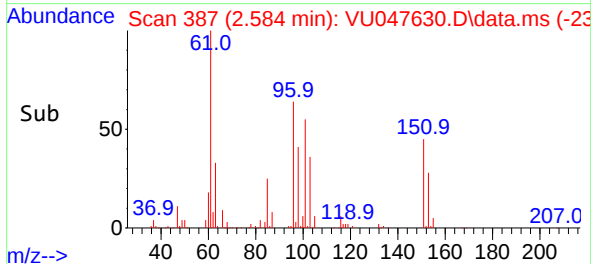
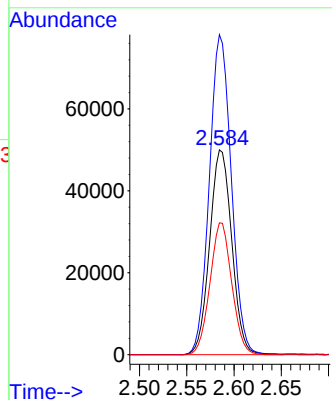
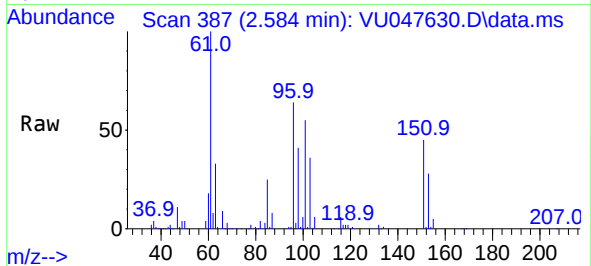
#9
1,1-Dichloroethene
Concen: 9.679 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 8145
Ion Ratio Lower Upper
96 100
61 156.3 0.0 514.2
98 64.4 0.0 126.4

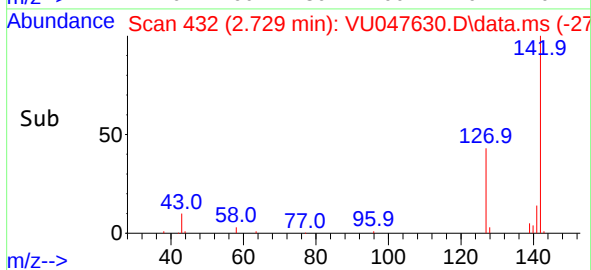
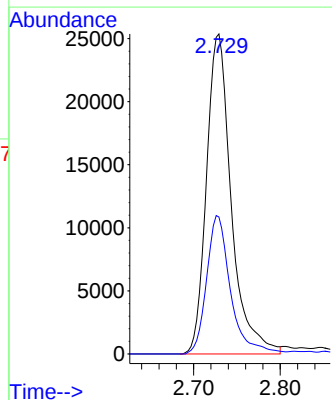
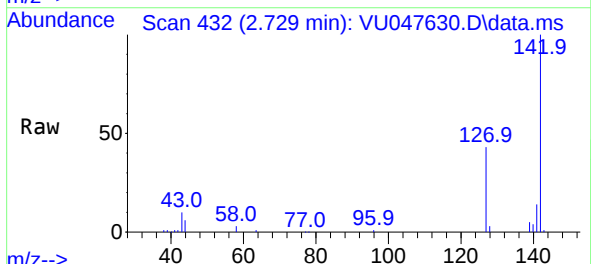
Manual Integrations
APPROVED

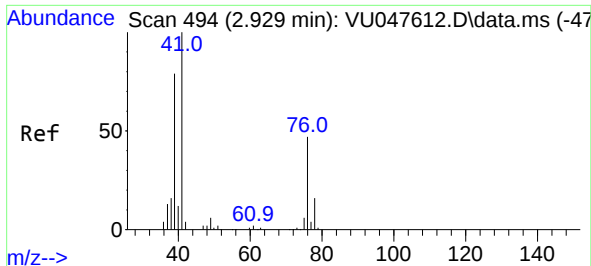
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Iodomethane
Concen: 11.181 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

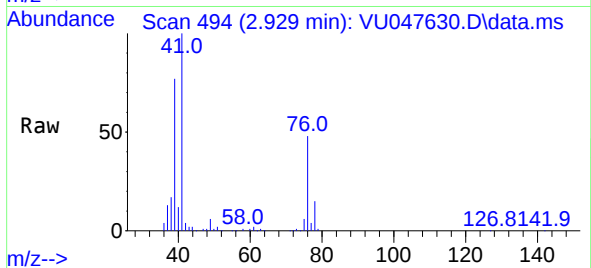
Tgt Ion:142 Resp: 50448
Ion Ratio Lower Upper
142 100
127 41.8 33.2 49.8





#11
 Allyl Chloride
 Concen: 9.733 ug/l
 RT: 2.929 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VU047630.D
 Acq: 21 Mar 2022 16:39

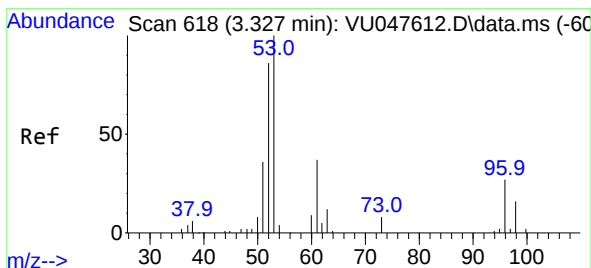
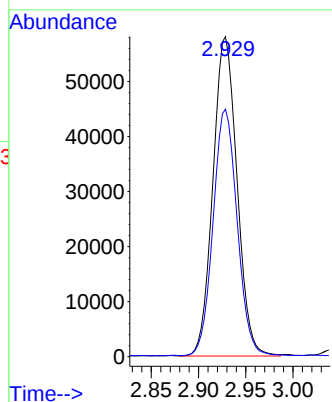
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



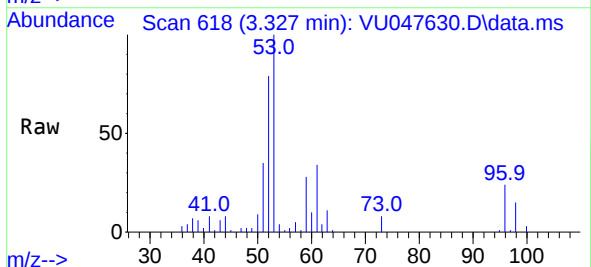
Tgt Ion: 41 Resp: 102992
 Ion Ratio Lower Upper
 41 100
 39 76.7 62.4 93.6

Manual Integrations
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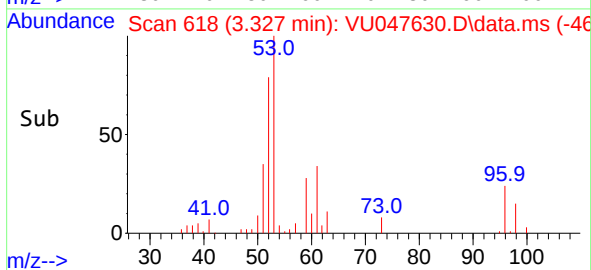
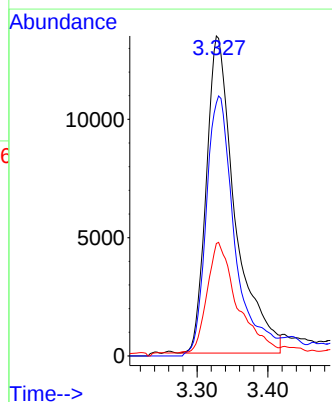
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022

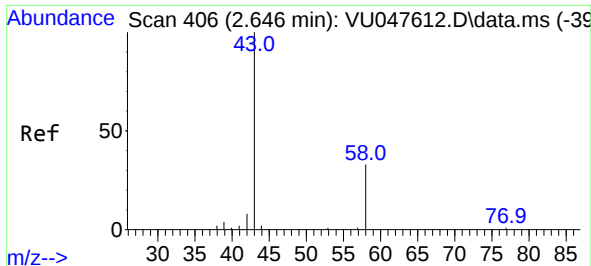


#12
 Acrylonitrile
 Concen: 20.378 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VU047630.D
 Acq: 21 Mar 2022 16:39



Tgt Ion: 53 Resp: 37844
 Ion Ratio Lower Upper
 53 100
 52 81.5 56.7 85.1
 51 36.7 30.3 45.5





#13

Acetone

Concen: 49.819 ug/l

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 62924

Ion Ratio Lower Upper

43 100

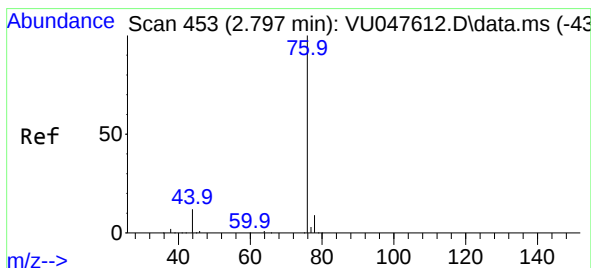
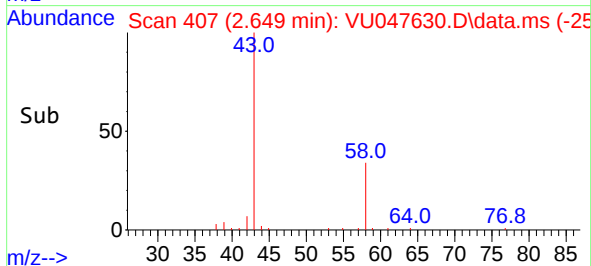
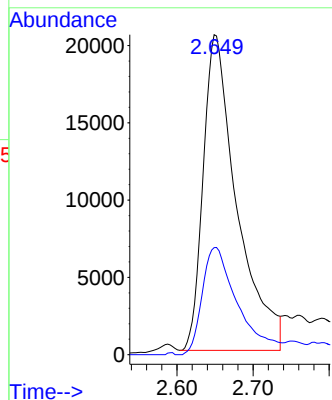
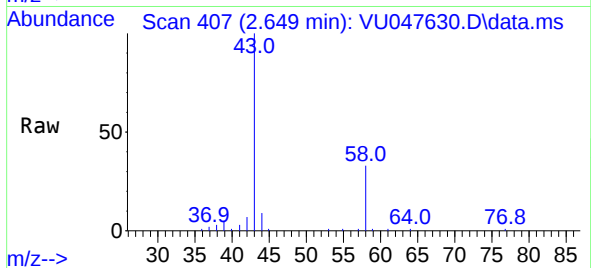
58 33.9 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#14

Carbon Disulfide

Concen: 9.450 ug/l

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU047630.D

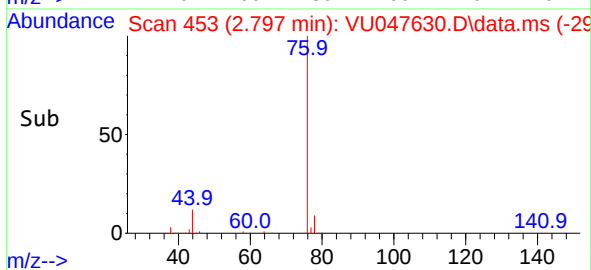
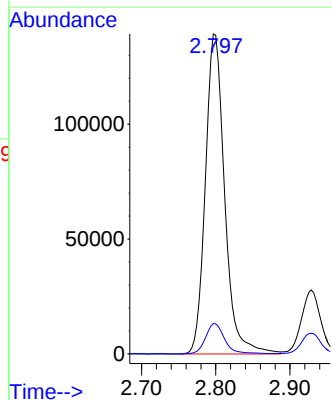
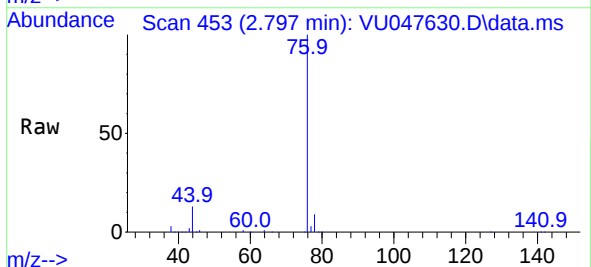
Acq: 21 Mar 2022 16:39

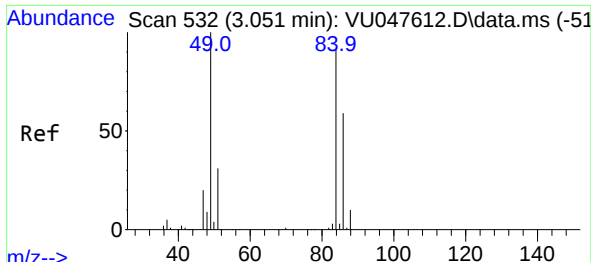
Tgt Ion: 76 Resp: 251279

Ion Ratio Lower Upper

76 100

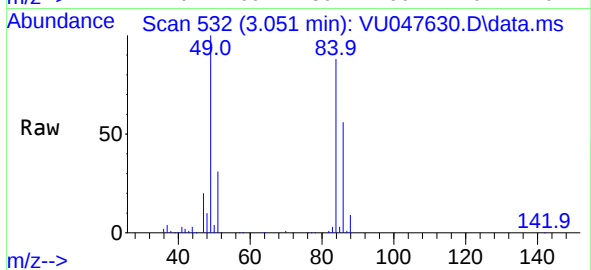
78 9.4 7.1 10.7





#15
Methylene Chloride
Concen: 9.912 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

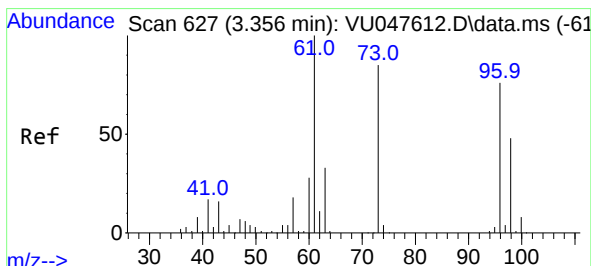
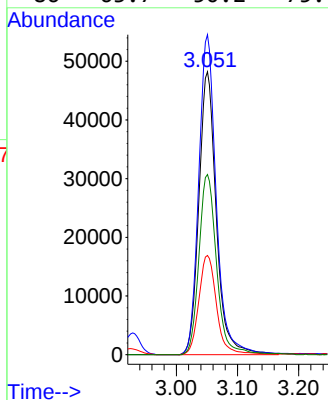
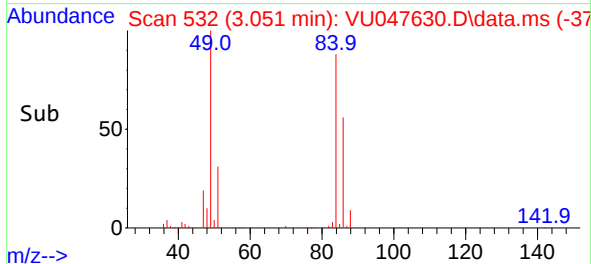
Instrument :
MSVOA_U
ClientSampleId :
VSTDC0010EC



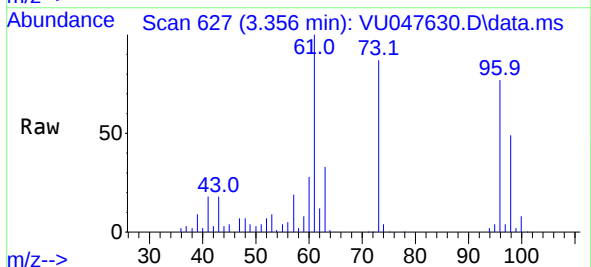
Tgt Ion: 84 Resp: 95762
Ion Ratio Lower Upper
84 100
49 113.1 97.2 145.8
51 35.1 0.0 73.4
86 63.7 50.2 75.4

Manual Integrations
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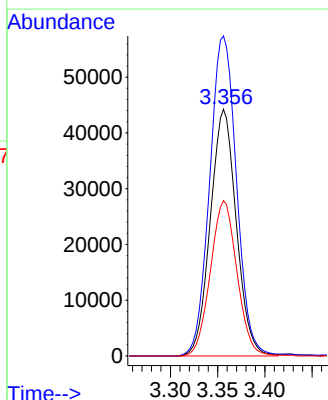
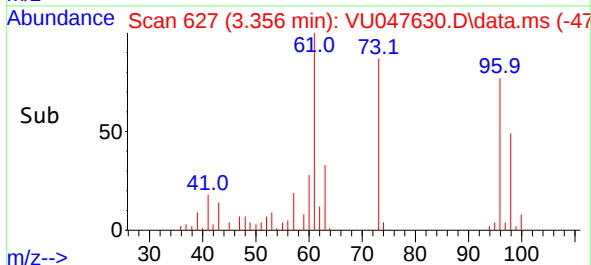
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

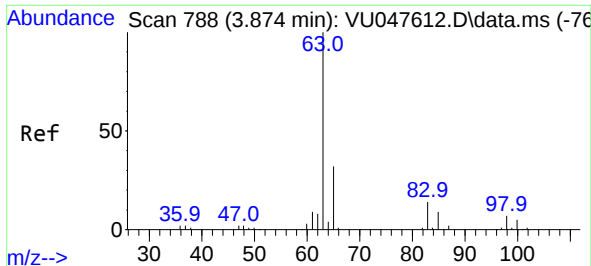


#16
trans-1,2-Dichloroethene
Concen: 9.564 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion: 96 Resp: 84622
Ion Ratio Lower Upper
96 100
61 129.7 115.8 173.6
98 62.9 51.1 76.7





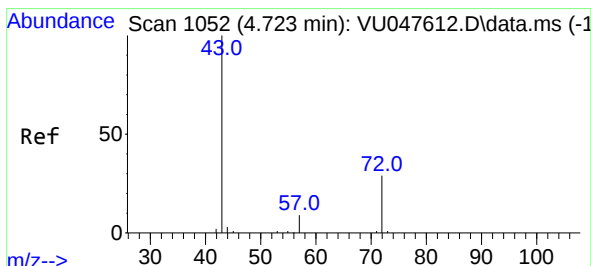
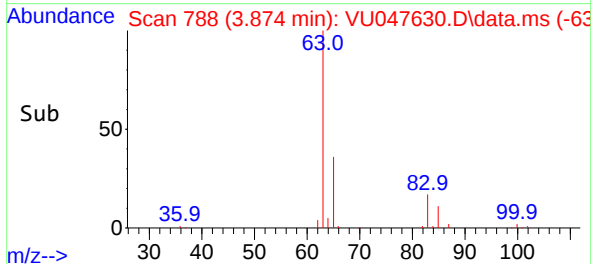
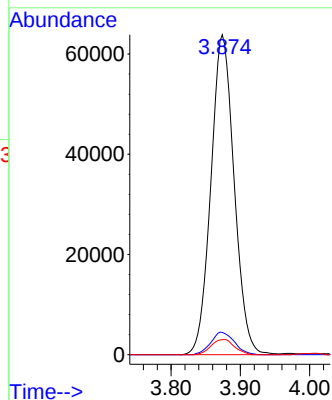
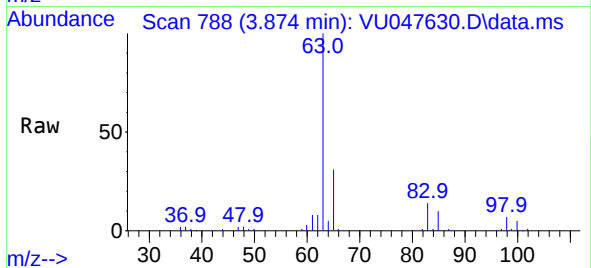
#17
1,1-Dichloroethane
Concen: 9.919 ug/l
RT: 3.874 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 14896
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.8
100 4.7 2.1 6.5

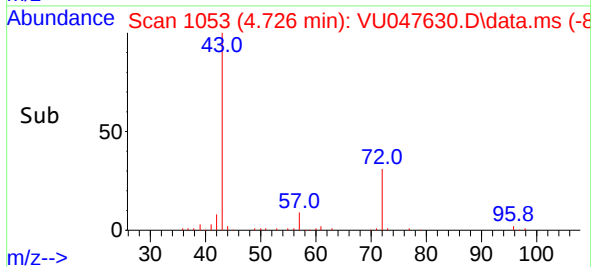
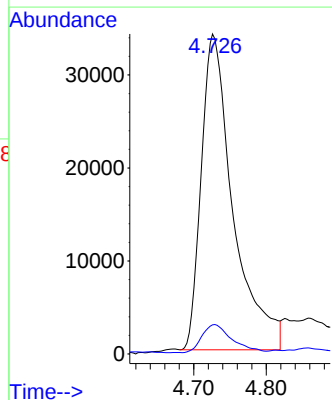
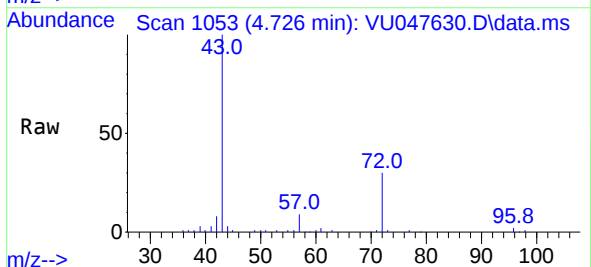
Manual Integrations
APPROVED

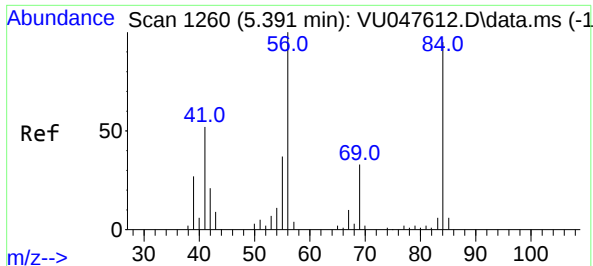
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#18
2-Butanone
Concen: 52.600 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

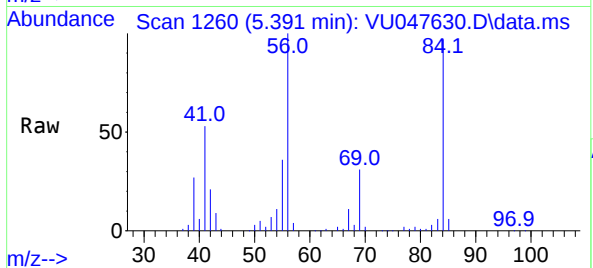
Tgt Ion: 43 Resp: 103474
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6





#19
Cyclohexane
Concen: 10.465 ug/l m
RT: 5.391 min Scan# 117908
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

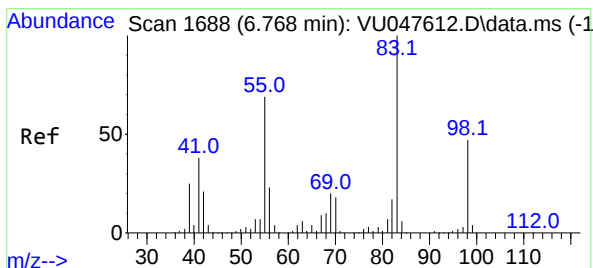
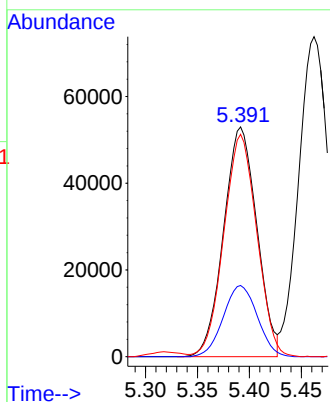
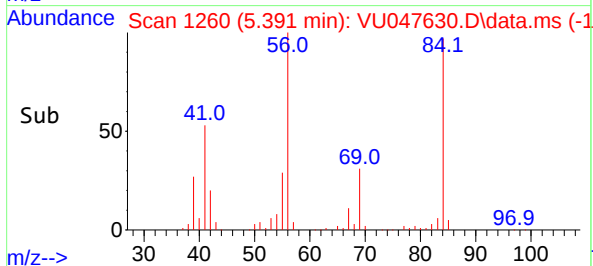
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



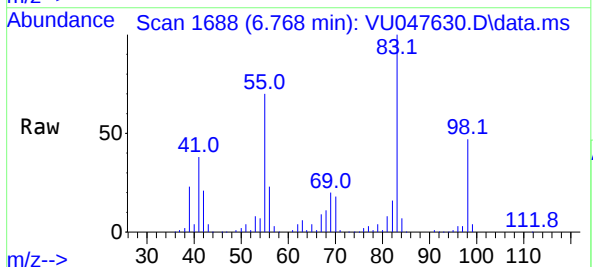
Tgt Ion: 56 Resp: 117908
Ion Ratio Lower Upper
56 100
69 31.8 24.7 37.1
84 94.5 68.8 103.2

Manual Integrations
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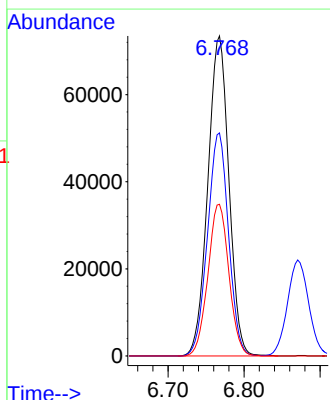
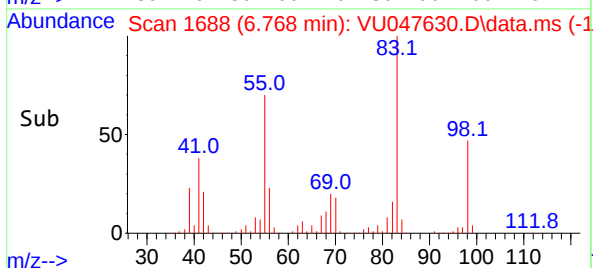
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

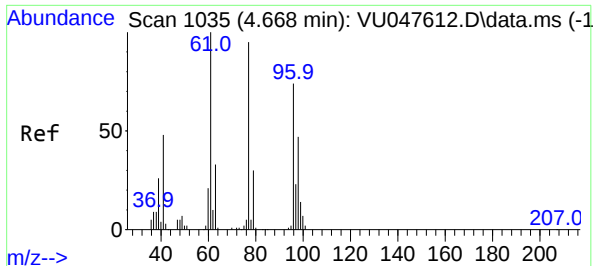


#20
Methylcyclohexane
Concen: 10.921 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion: 83 Resp: 141158
Ion Ratio Lower Upper
83 100
55 69.5 61.9 92.9
98 47.3 37.4 56.2





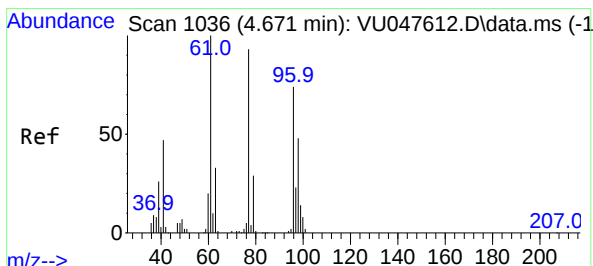
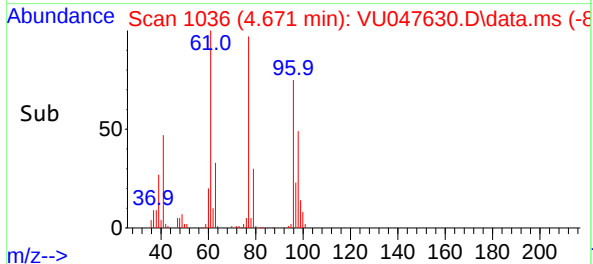
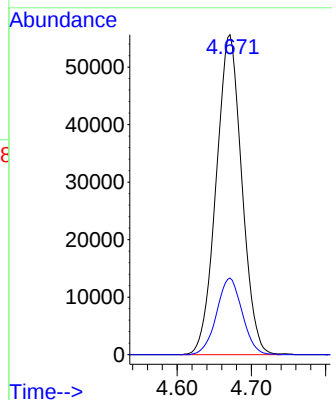
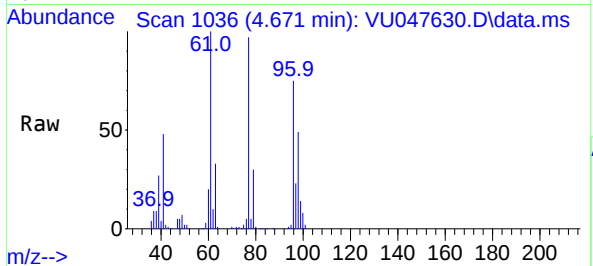
#21
2,2-Dichloropropane
Concen: 10.126 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 13367
Ion Ratio Lower Upper
77 100
97 23.9 17.2 25.8

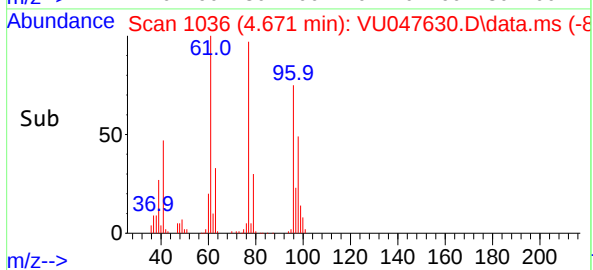
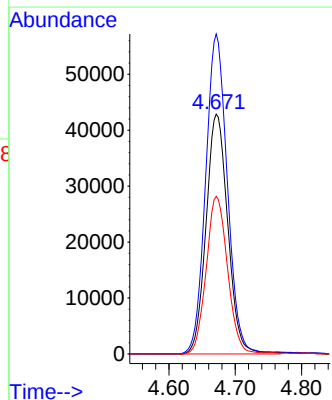
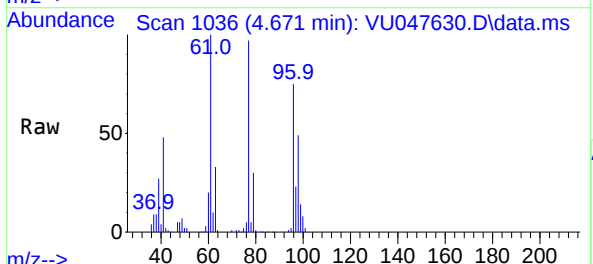
Manual Integrations
APPROVED

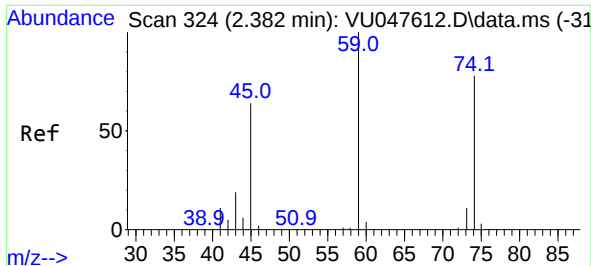
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#22
cis-1,2-Dichloroethene
Concen: 10.159 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion: 96 Resp: 97627
Ion Ratio Lower Upper
96 100
61 132.6 0.0 385.3
98 64.6 32.1 96.3





#23

Diethyl Ether

Concen: 9.820 ug/l

RT: 2.382 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 60379

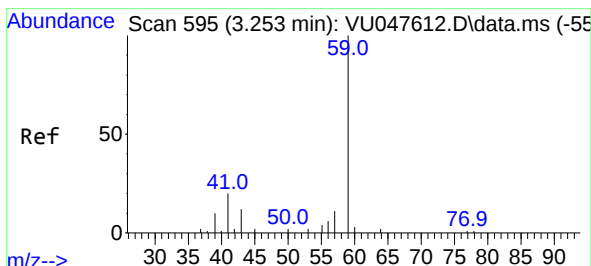
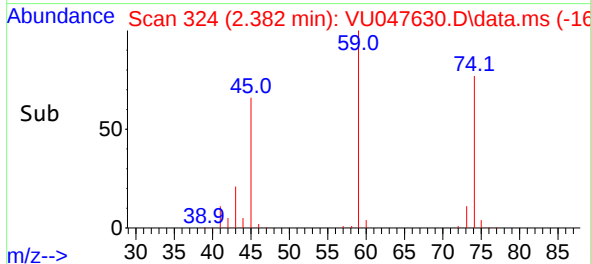
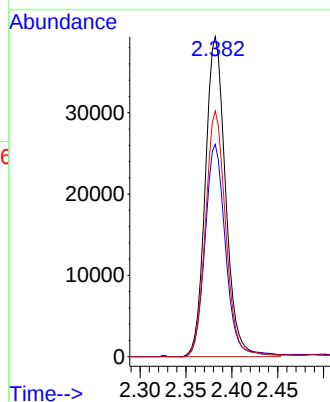
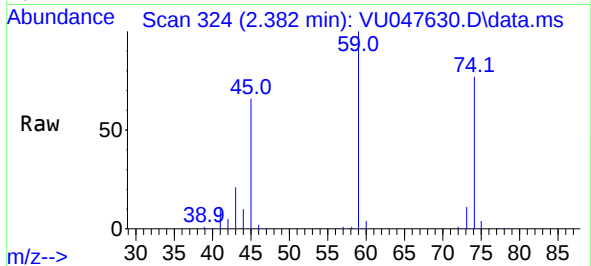
Ion	Ratio	Lower	Upper
59	100		
45	67.7	55.6	83.4
74	76.6	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#24

tert-Butyl Alcohol

Concen: 97.382 ug/l

RT: 3.253 min Scan# 595

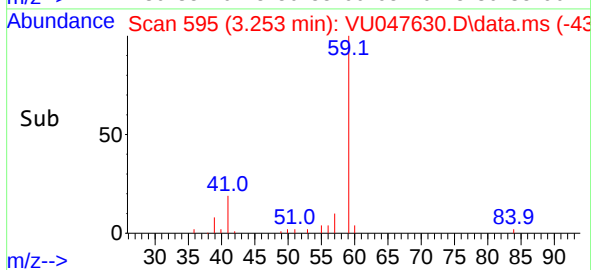
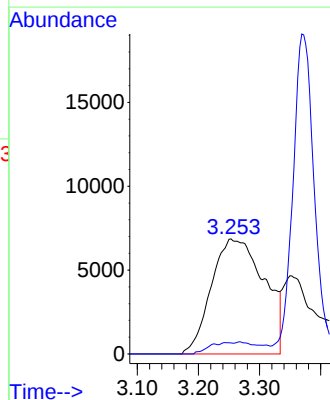
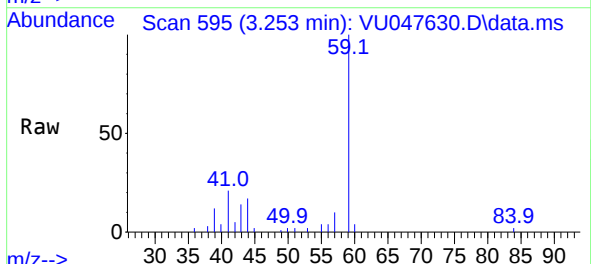
Delta R.T. 0.000 min

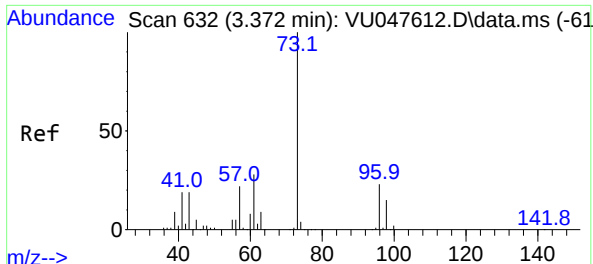
Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Tgt Ion: 59 Resp: 41296

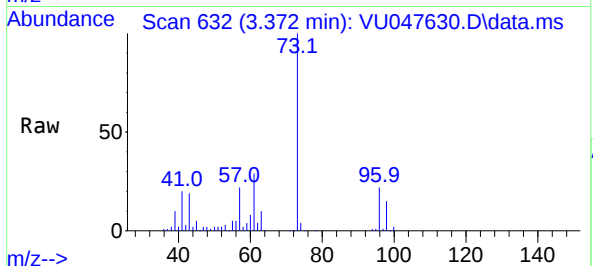
Ion	Ratio	Lower	Upper
59	100		
57	107.6	6.5	9.7#





#25
Methyl tert-Butyl Ether
Concen: 9.984 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

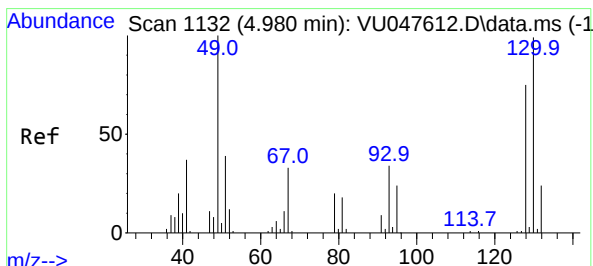
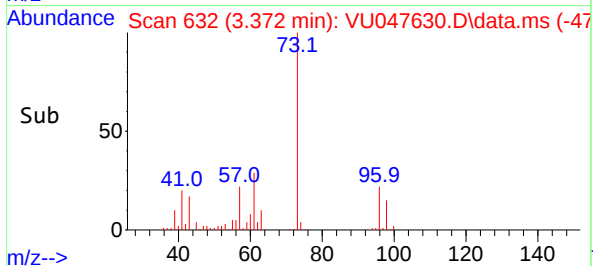
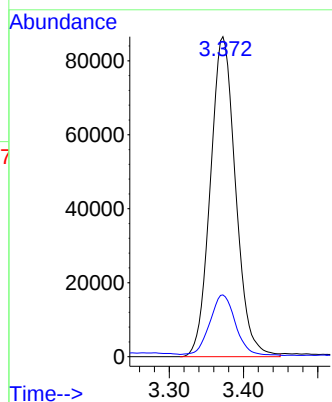
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 204540
Ion Ratio Lower Upper
73 100
43 19.3 16.3 24.5

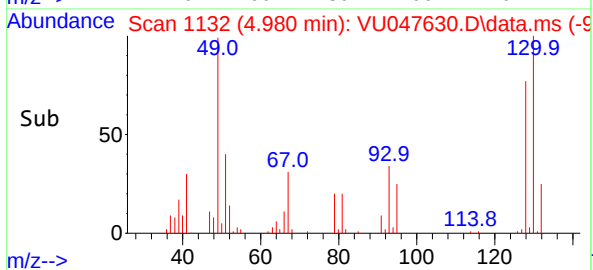
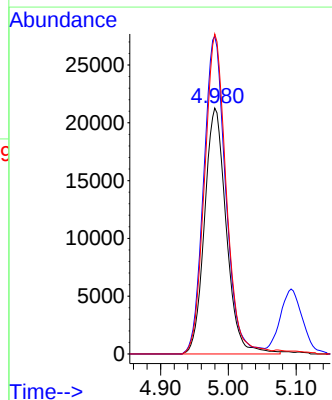
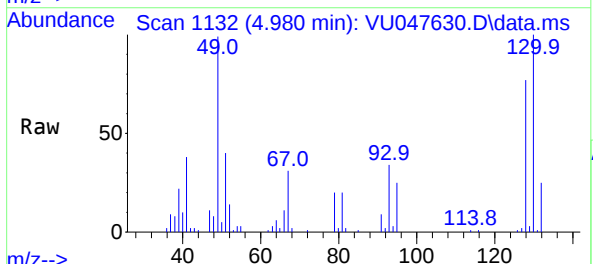
Manual Integrations
APPROVED

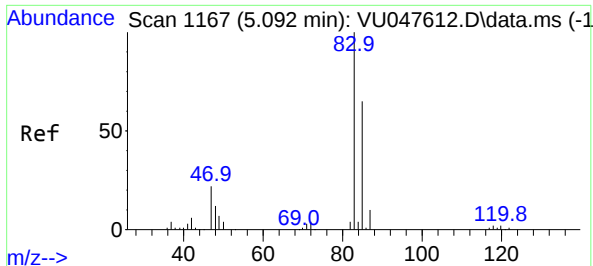
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#26
Bromochloromethane
Concen: 9.767 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

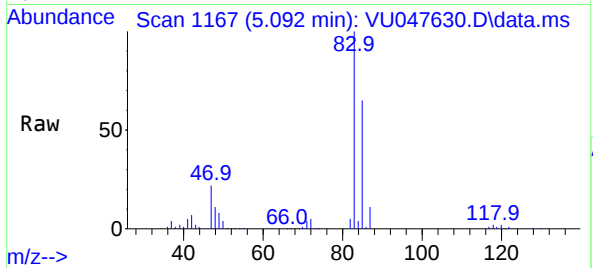
Tgt Ion:128 Resp: 47483
Ion Ratio Lower Upper
128 100
49 130.5 0.0 347.4
130 129.5 101.5 152.3





#27
Chloroform
Concen: 9.926 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

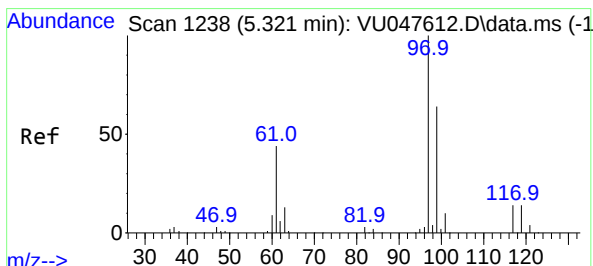
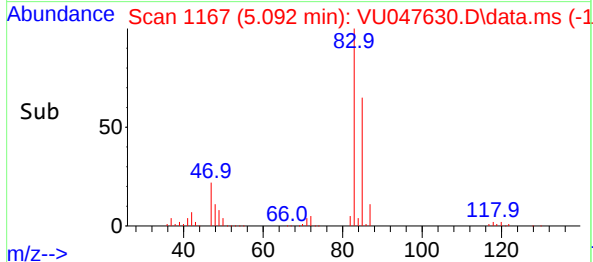
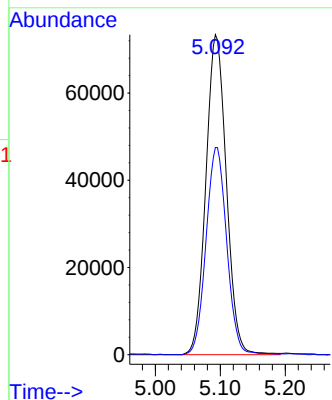
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 161104
Ion Ratio Lower Upper
83 100
85 64.7 0.0 129.2

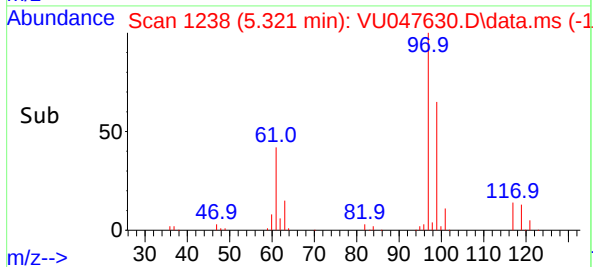
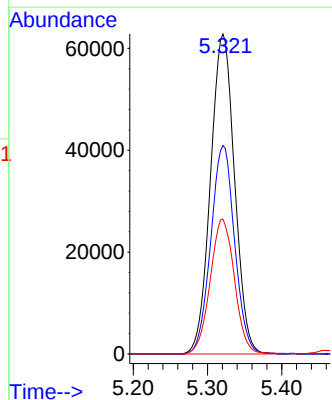
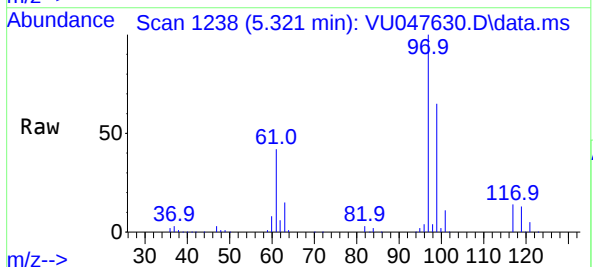
Manual Integrations
APPROVED

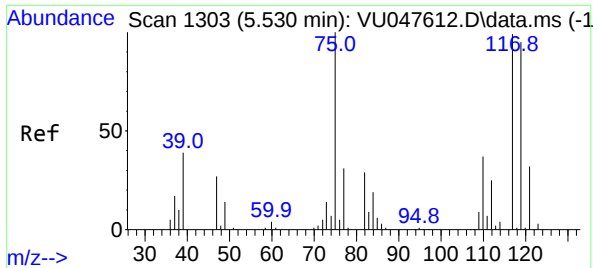
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#28
1,1,1-Trichloroethane
Concen: 10.026 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion: 97 Resp: 141332
Ion Ratio Lower Upper
97 100
99 64.6 32.2 96.6
61 42.6 24.5 73.5





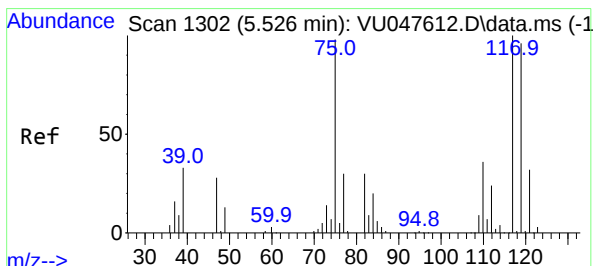
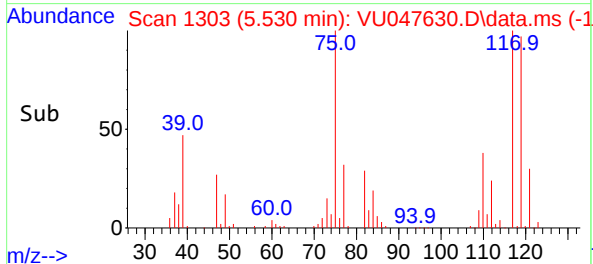
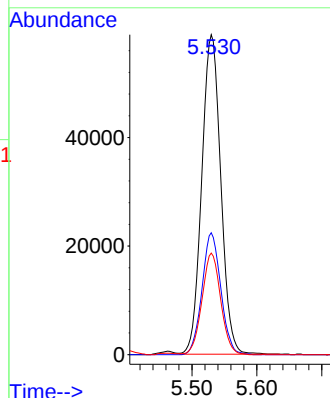
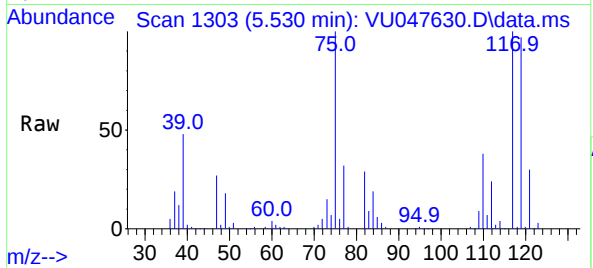
#29
1,1-Dichloropropene
Concen: 10.500 ug/l
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 119960
Ion Ratio Lower Upper
75 100
110 37.8 16.8 50.3
77 31.4 24.7 37.1

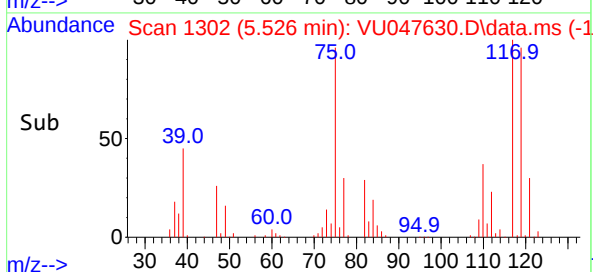
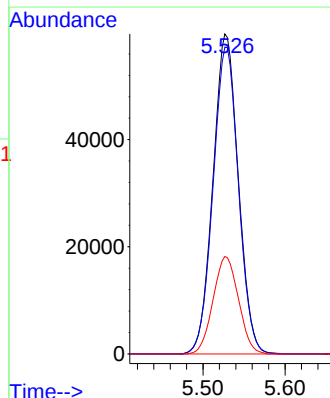
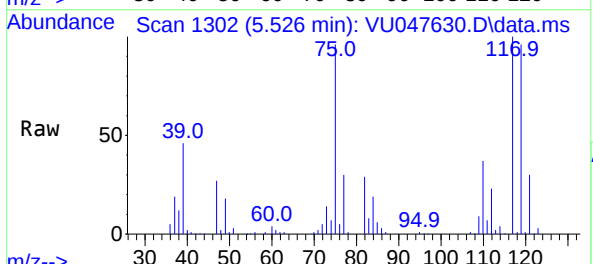
Manual Integrations
APPROVED

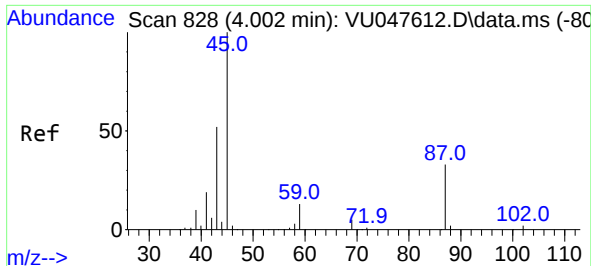
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#30
Carbon Tetrachloride
Concen: 10.189 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

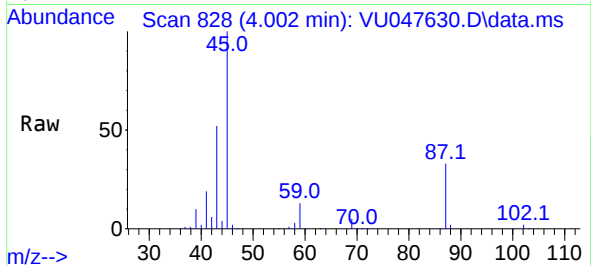
Tgt Ion:117 Resp: 127989
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2
121 30.5 24.6 37.0





#31
Isopropyl Ether
Concen: 10.315 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

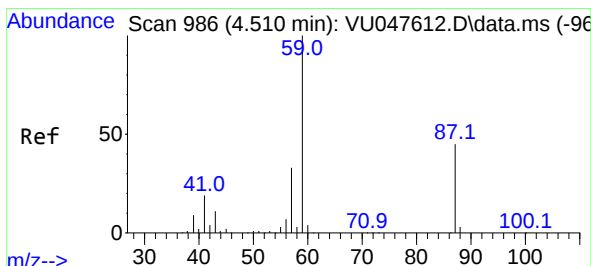
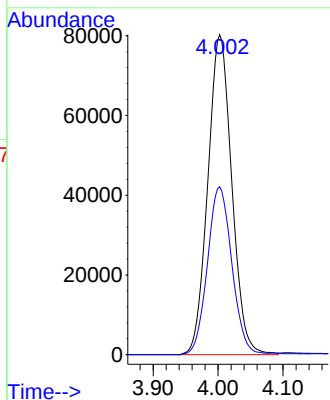
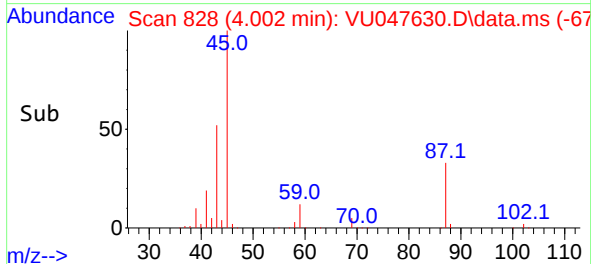
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



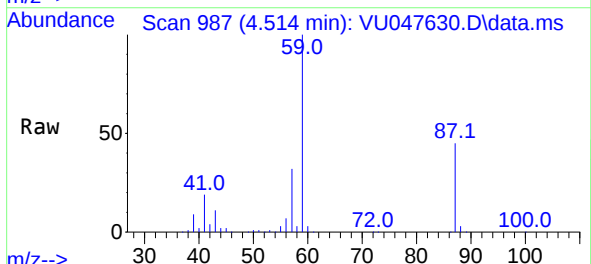
Tgt Ion: 45 Resp: 205658
Ion Ratio Lower Upper
45 100
43 53.4 25.3 75.8

Manual Integrations
APPROVED

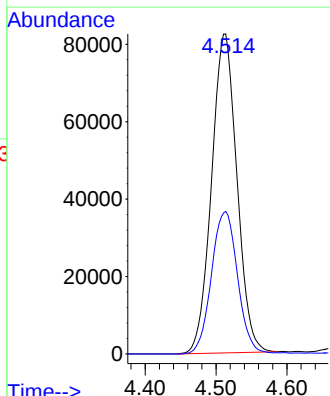
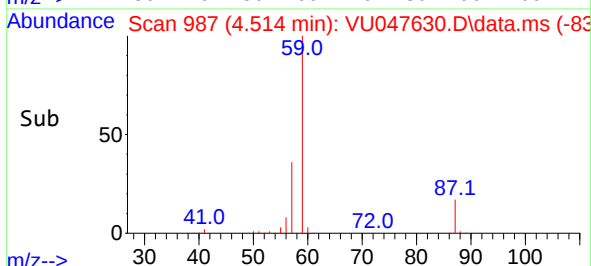
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

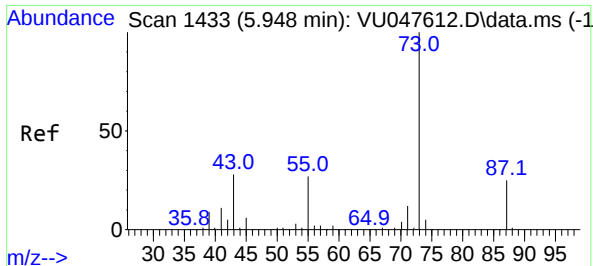


#32
Ethyl-t-butyl ether
Concen: 10.190 ug/l
RT: 4.514 min Scan# 987
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion: 59 Resp: 205078
Ion Ratio Lower Upper
59 100
87 45.5 32.7 49.1





Tert-Amyl methyl ether
Concen: 10.414 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

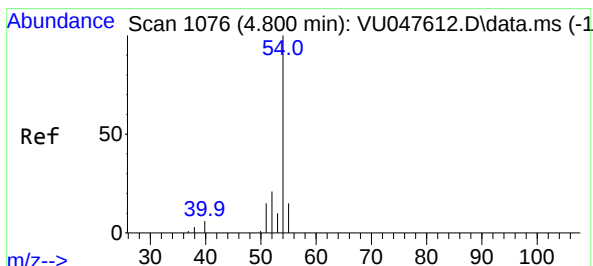
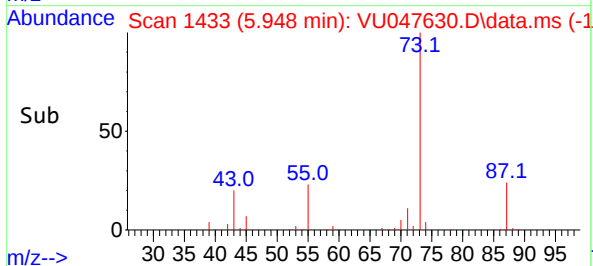
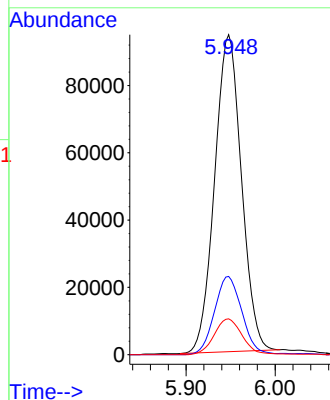
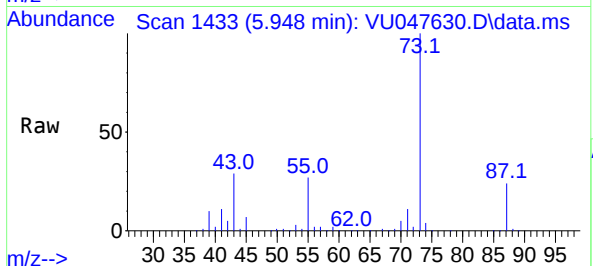
VSTDCCC010EC

Tgt Ion: 73 Resp: 19701
Ion Ratio Lower Upper
73 100
87 24.7 18.6 28.0
71 12.1 9.0 13.6

Manual Integrations

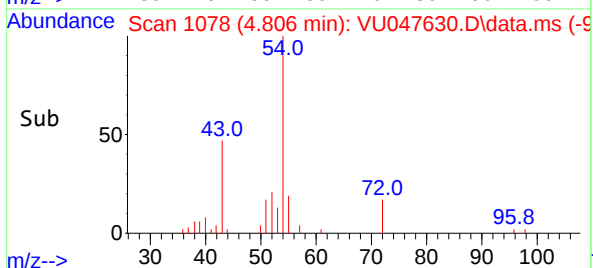
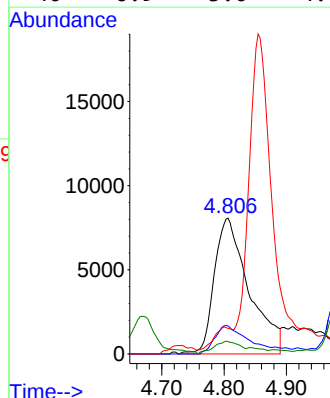
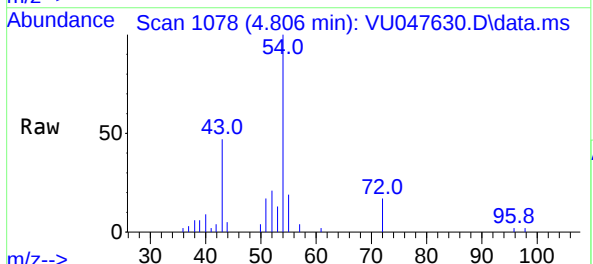
APPROVED

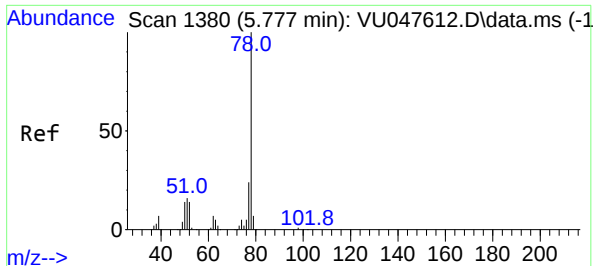
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



Propionitrile
Concen: 54.587 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

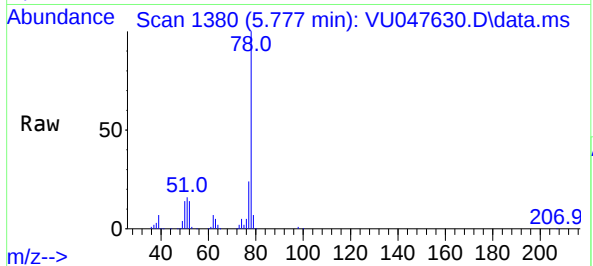
Tgt Ion: 54 Resp: 31228
Ion Ratio Lower Upper
54 100
52 19.7 11.9 17.9#
55 8.3 8.0 12.0
40 6.9 3.0 4.4#





#35
Benzene
Concen: 10.177 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

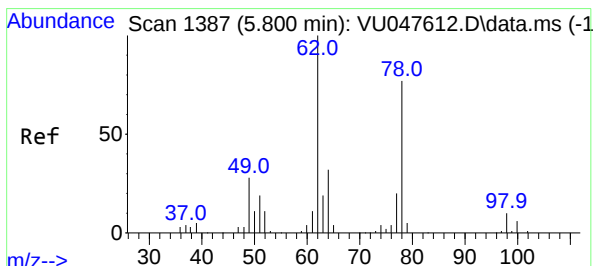
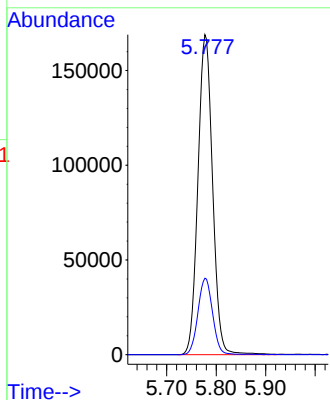
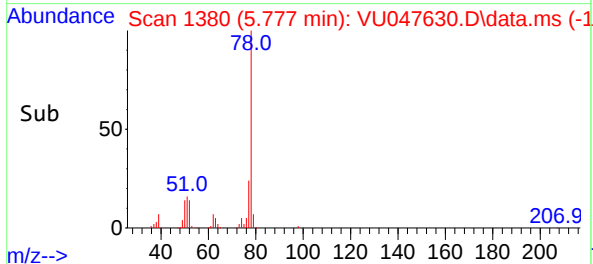
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



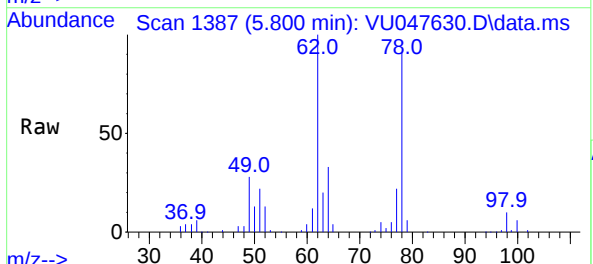
Tgt Ion: 78 Resp: 347860
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

Manual Integrations
APPROVED

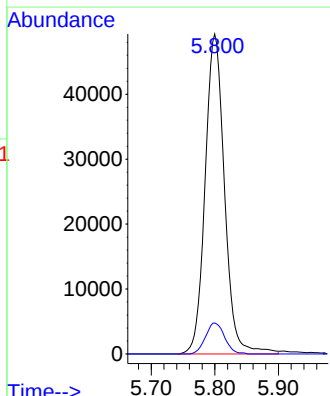
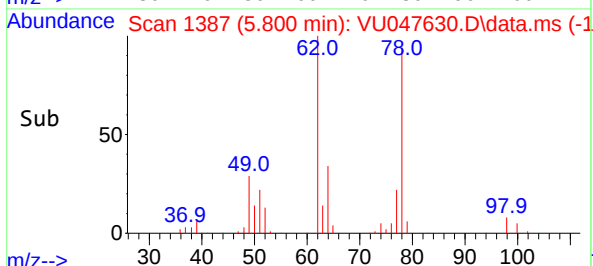
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

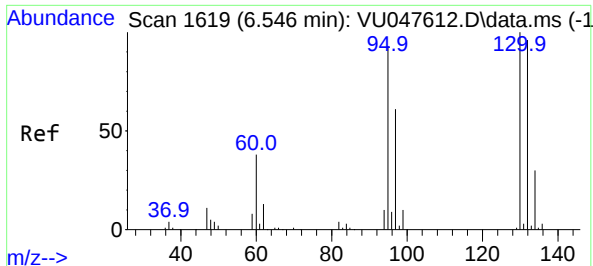


#36
1,2-Dichloroethane
Concen: 10.088 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



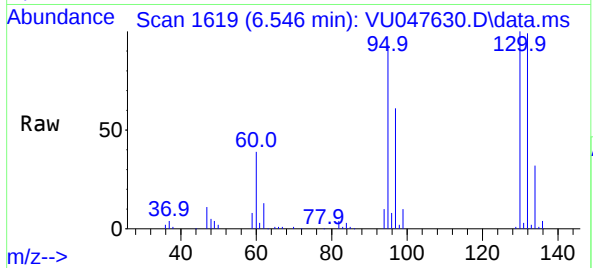
Tgt Ion: 62 Resp: 104313
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9





#37
Trichloroethene
Concen: 10.139 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

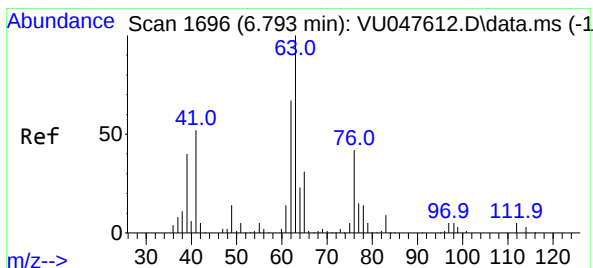
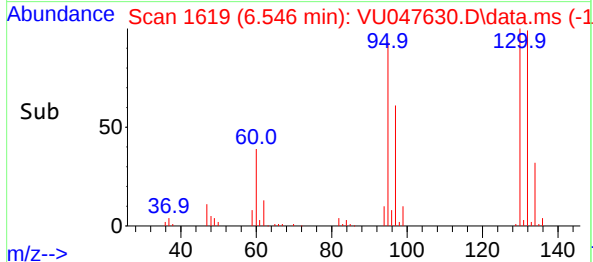
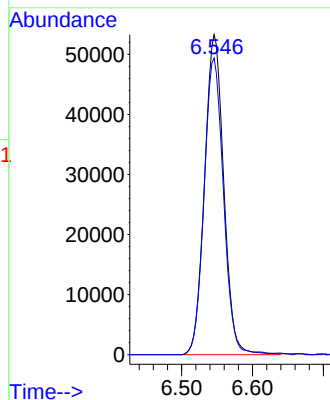
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:130 Resp: 100135
Ion Ratio Lower Upper
130 100
95 92.6 83.8 125.8

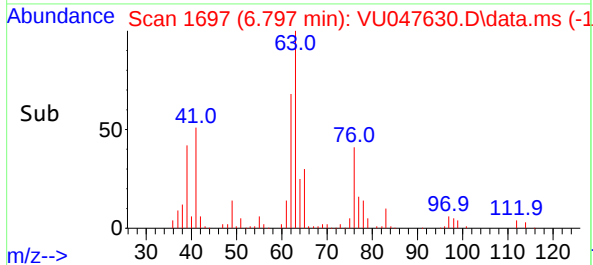
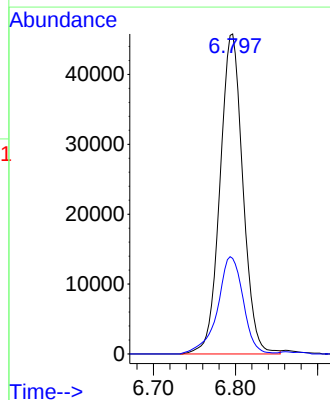
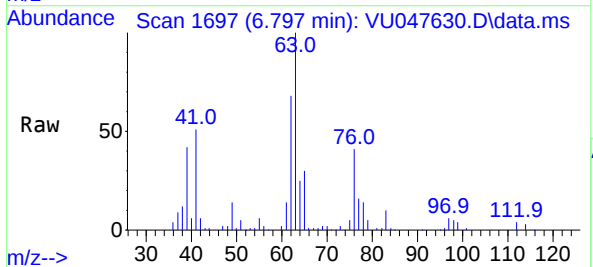
Manual Integrations
APPROVED

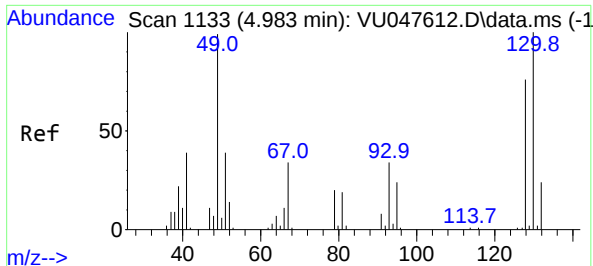
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
1,2-Dichloropropane
Concen: 10.097 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion: 63 Resp: 88886
Ion Ratio Lower Upper
63 100
65 29.8 24.7 37.1





#39

Methacrylonitrile

Concen: 10.697 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 2636

Ion Ratio Lower Upper

41 100

67 88.4 65.2 97.8

39 52.9 43.0 64.6

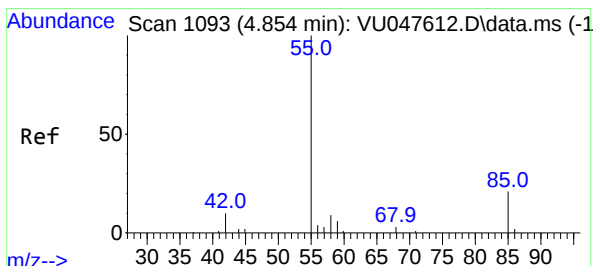
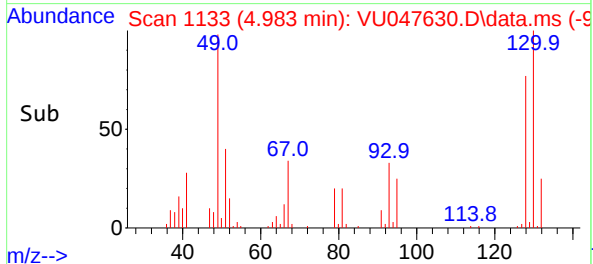
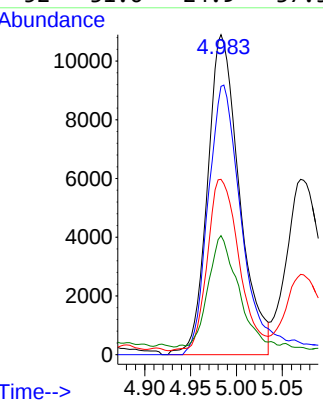
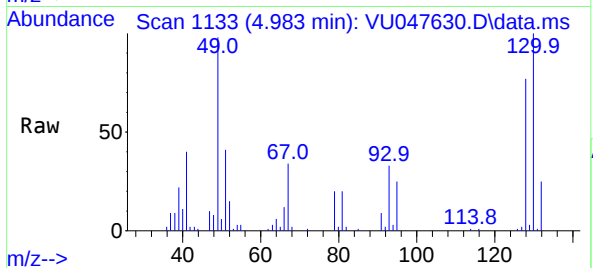
52 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#40

Methyl acrylate

Concen: 10.799 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Tgt Ion: 55 Resp: 44974

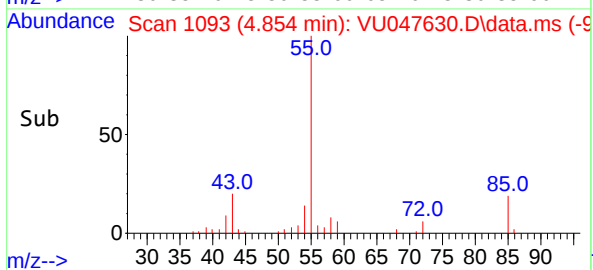
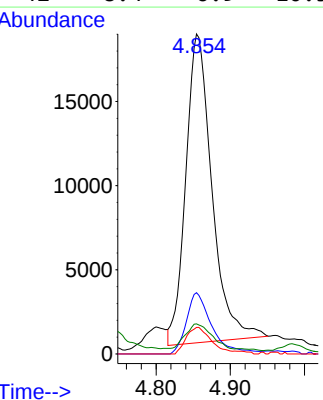
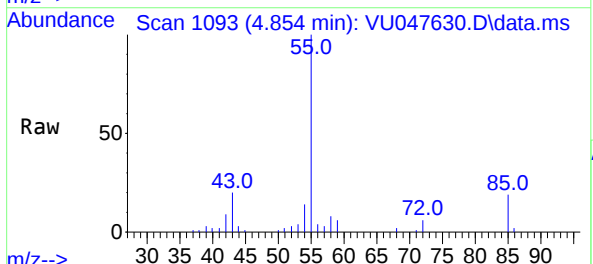
Ion Ratio Lower Upper

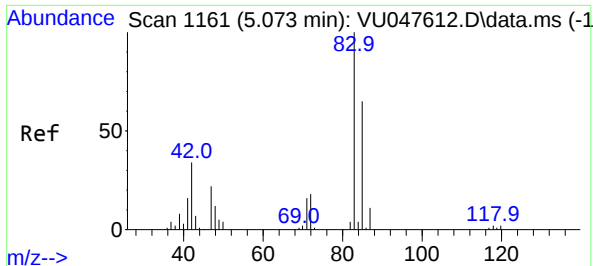
55 100

85 19.2 12.2 18.2#

58 8.7 6.7 10.1

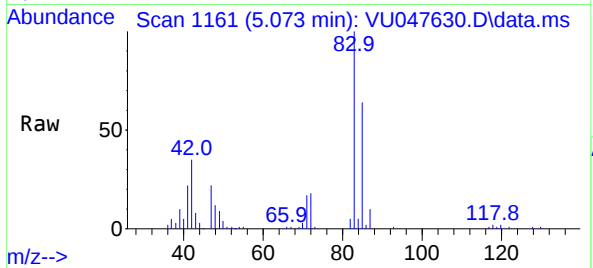
42 8.4 6.9 10.3





#41
Tetrahydrofuran
Concen: 20.500 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

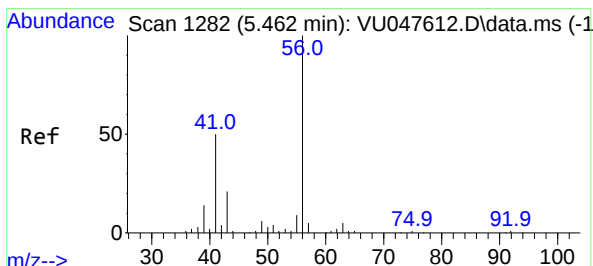
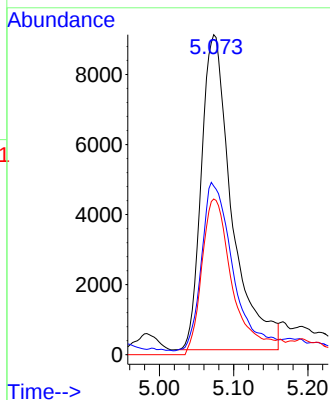
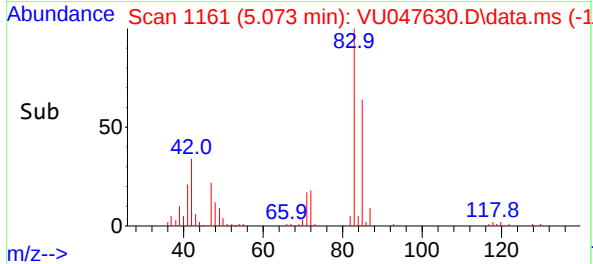
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



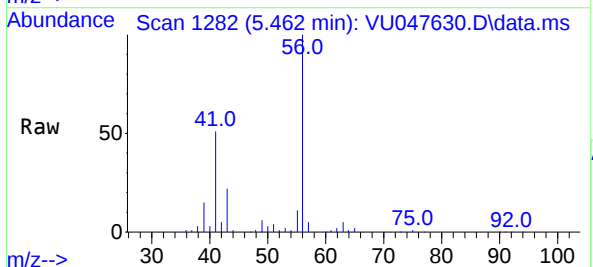
Tgt Ion: 42 Resp: 2563
Ion Ratio Lower Upper
42 100
72 55.2 42.4 63.6
71 50.0 36.4 54.6

Manual Integrations
APPROVED

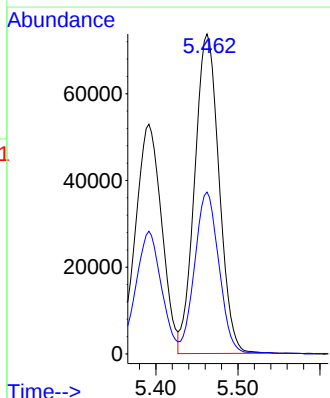
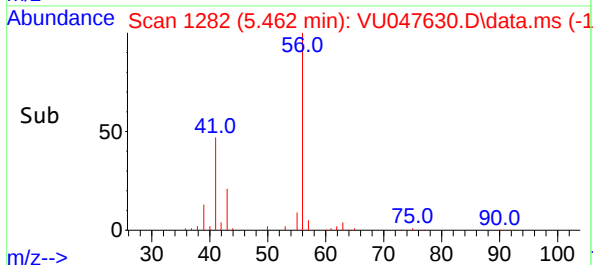
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

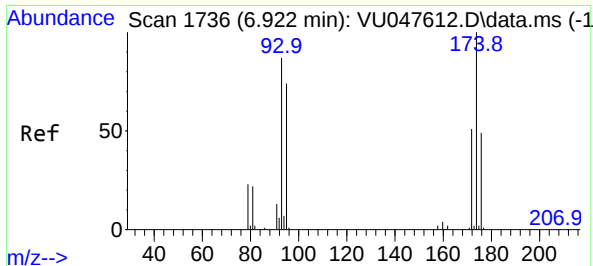


#42
1-Chlorobutane
Concen: 10.326 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion: 56 Resp: 152049
Ion Ratio Lower Upper
56 100
41 49.7 26.0 78.0





#43

Dibromomethane

Concen: 10.120 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 93 Resp: 53384

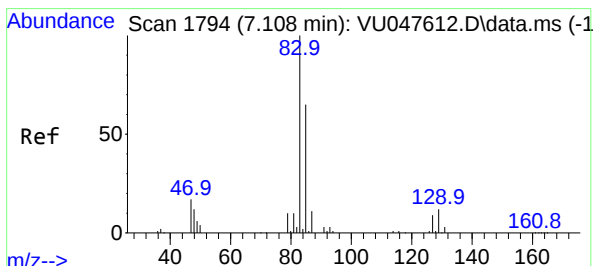
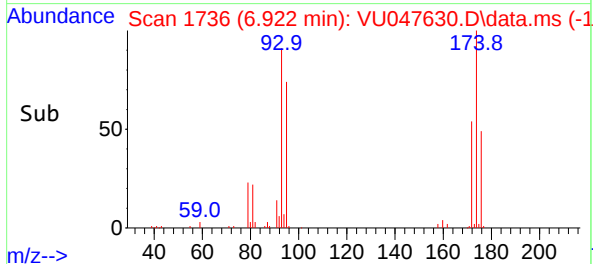
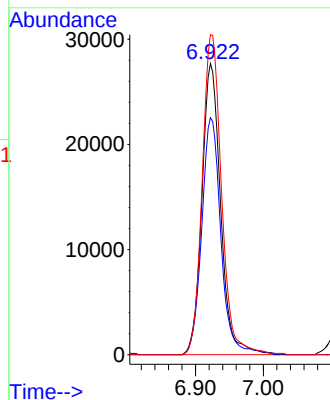
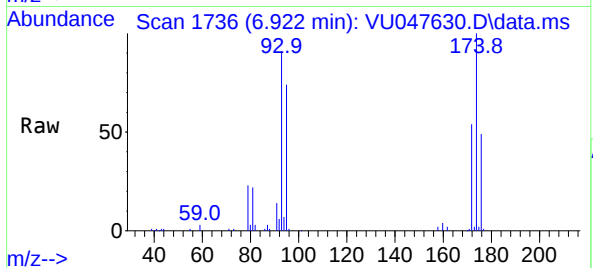
Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.2	99.2
174	113.0	70.7	106.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#44

Bromodichloromethane

Concen: 10.060 ug/l

RT: 7.108 min Scan# 1794

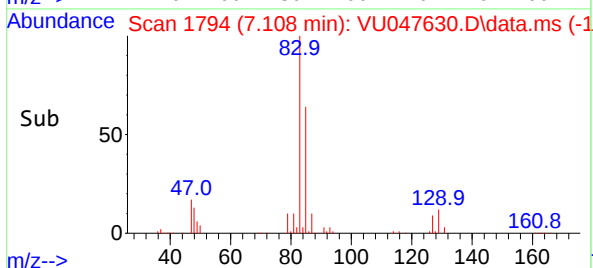
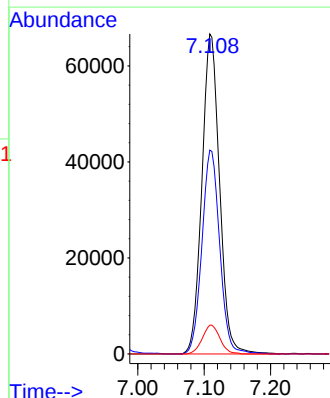
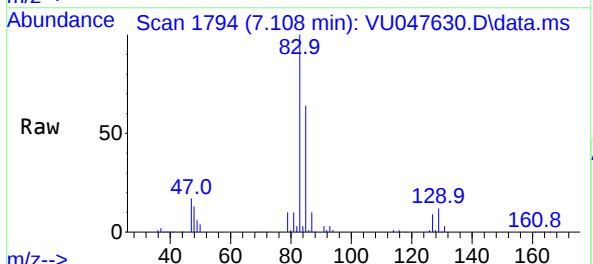
Delta R.T. 0.000 min

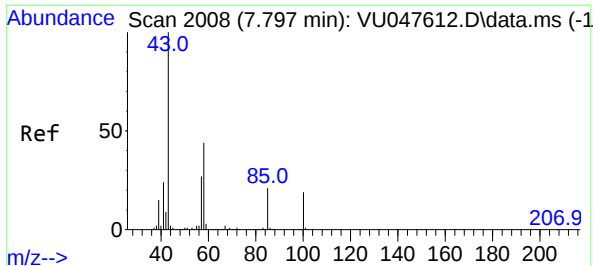
Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Tgt Ion: 83 Resp: 123112

Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.9	76.3
127	9.0	6.0	9.0





#45
4-Methyl-2-Pentanone
Concen: 54.331 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

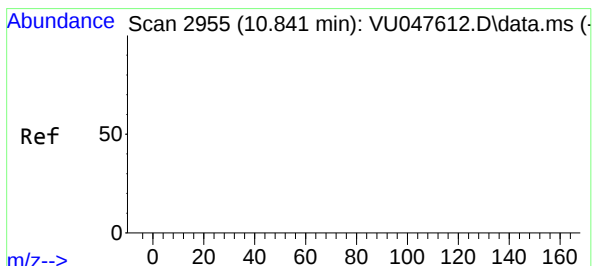
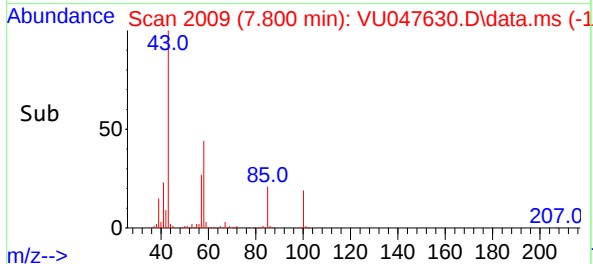
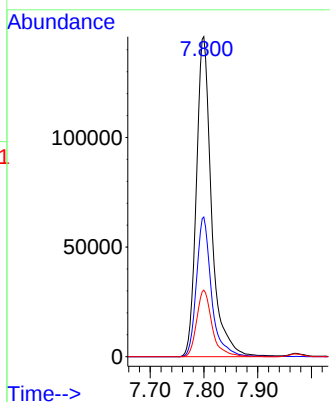
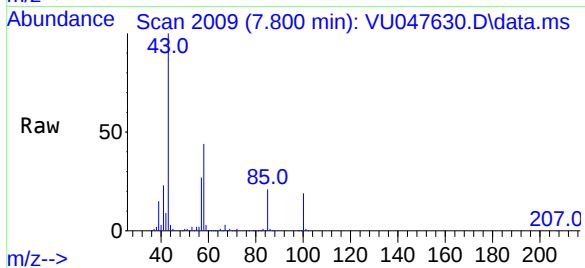
Tgt Ion: 43 Resp: 28653
Ion Ratio Lower Upper
43 100
58 43.2 21.0 63.0
85 21.1 14.8 22.2

Manual Integrations

APPROVED

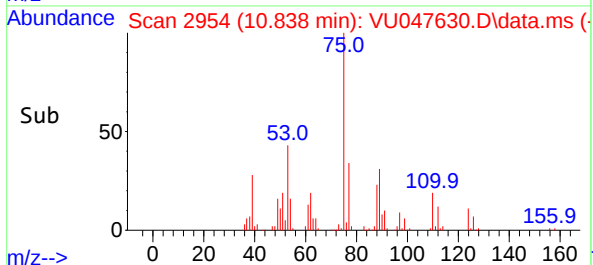
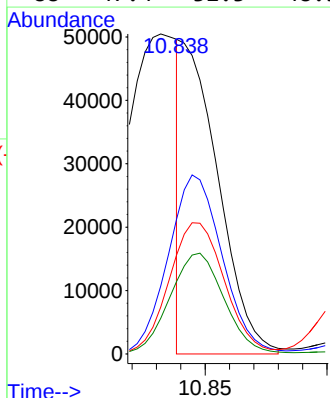
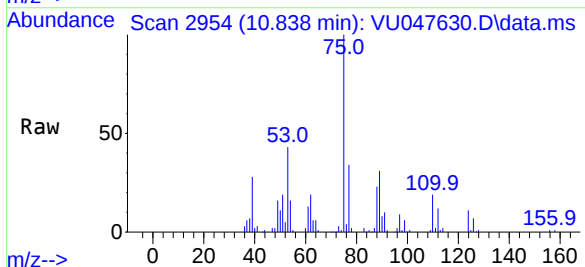
Reviewed By :John Carlone 03/22/2022

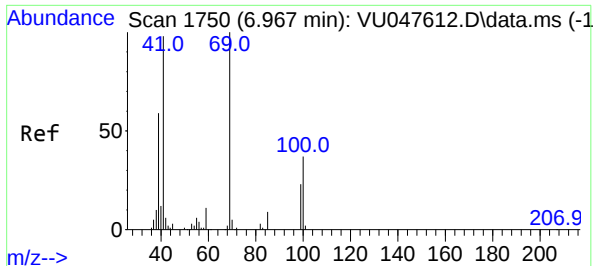
Supervised By :Mahesh Dadoda 04/01/2022



#46
t-1,4-Dichloro-2-butene
Concen: 22.783 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion: 75 Resp: 52190
Ion Ratio Lower Upper
75 100
53 84.0 66.8 100.2
89 63.3 41.7 62.5#
88 47.4 32.3 48.5





#47

Methyl methacrylate

Concen: 22.361 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 95419

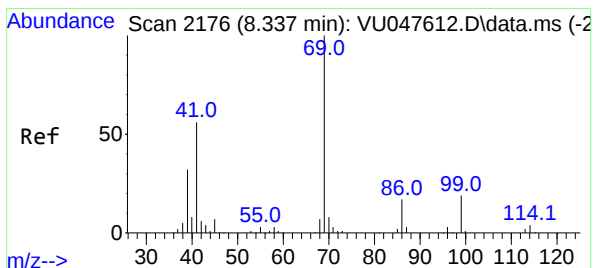
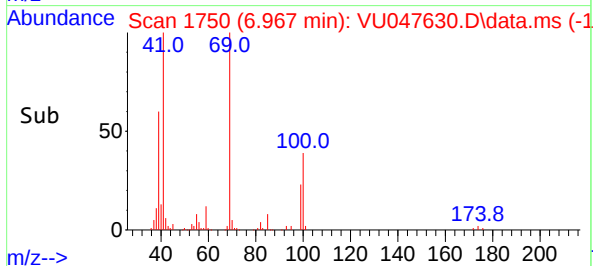
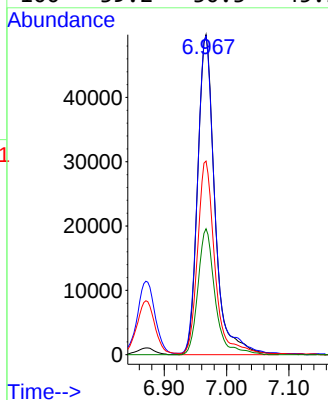
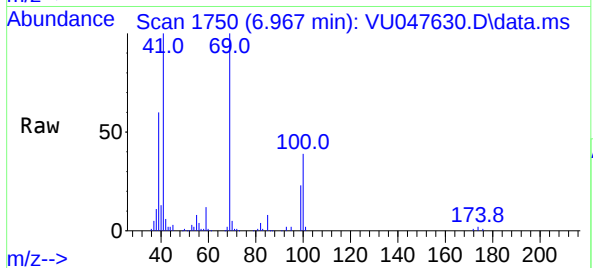
Ion	Ratio	Lower	Upper
69	100		
41	98.8	0.0	230.0
39	59.8	55.1	82.7
100	39.2	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#48

Ethyl methacrylate

Concen: 11.180 ug/l

RT: 8.337 min Scan# 2176

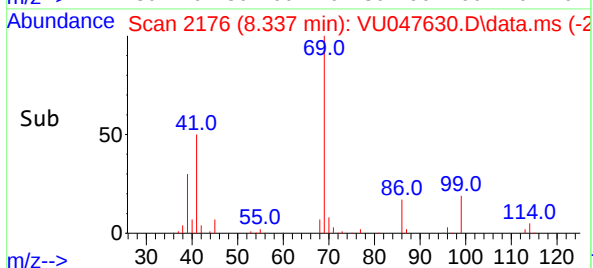
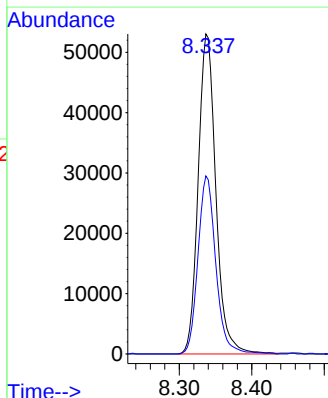
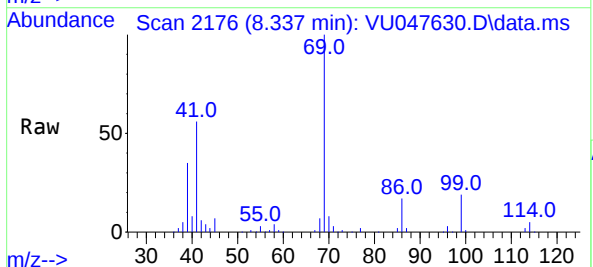
Delta R.T. -0.000 min

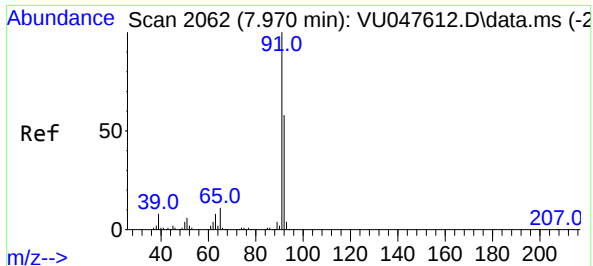
Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Tgt Ion: 69 Resp: 89894

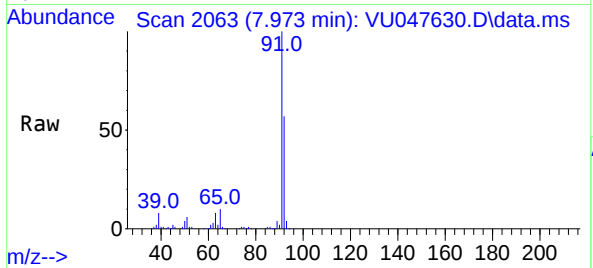
Ion	Ratio	Lower	Upper
69	100		
41	56.2	32.6	98.0





#49
Toluene
Concen: 10.701 ug/l
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

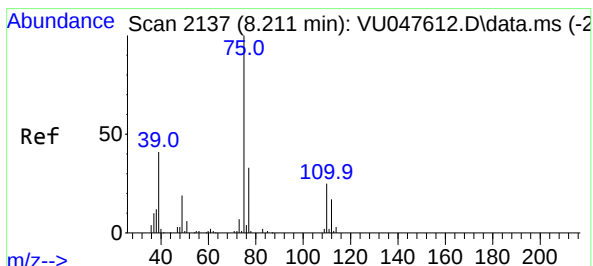
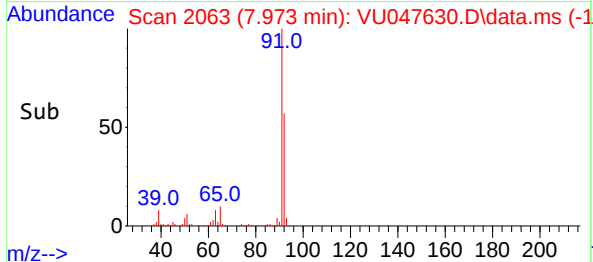
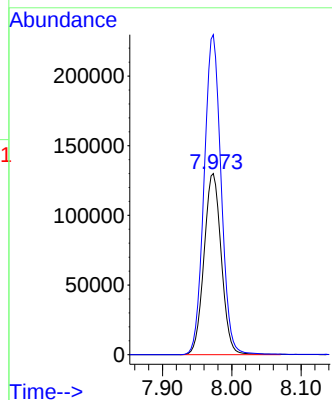
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 22478
Ion Ratio Lower Upper
92 100
91 174.6 136.8 205.2

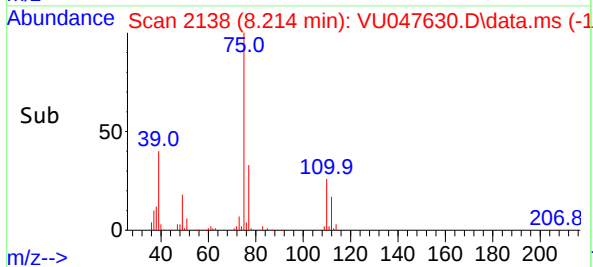
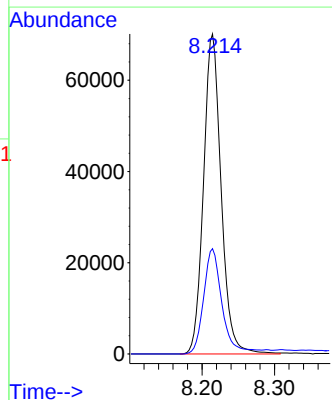
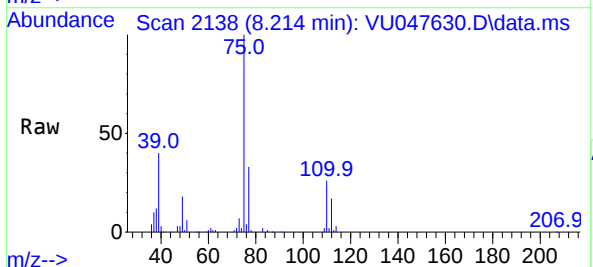
Manual Integrations
APPROVED

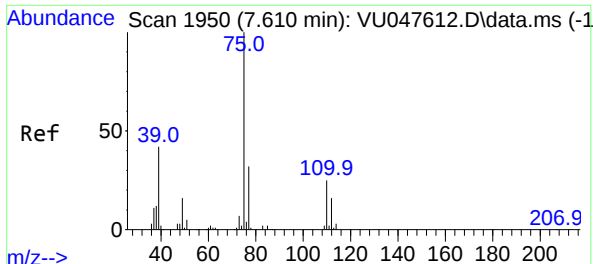
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#50
t-1,3-Dichloropropene
Concen: 10.444 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion: 75 Resp: 118423
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4





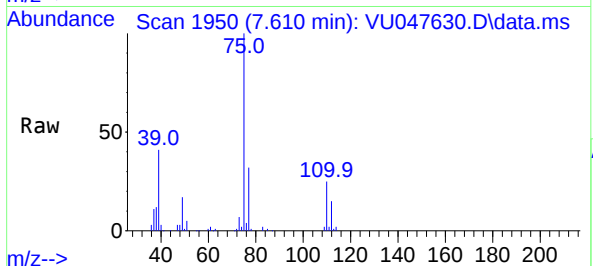
#51
cis-1,3-Dichloropropene
Concen: 10.391 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



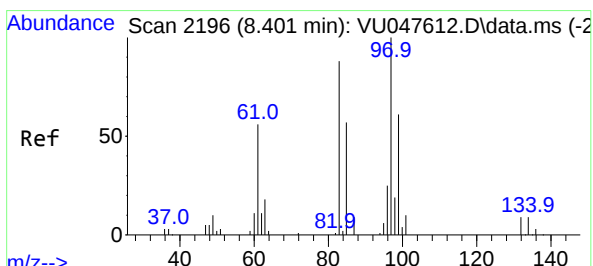
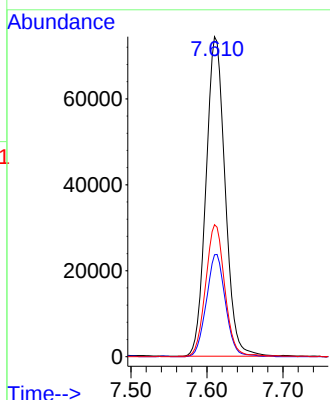
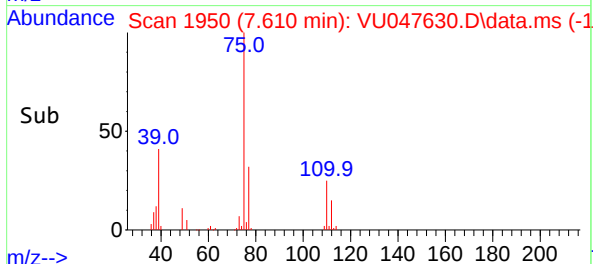
Tgt Ion: 75 Resp: 129710
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 41.3 38.6 57.8

Manual Integrations

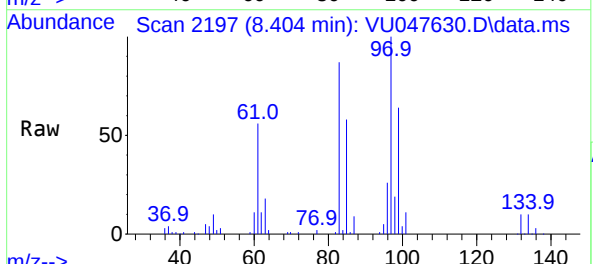
APPROVED

Reviewed By :John Carlone 03/22/2022

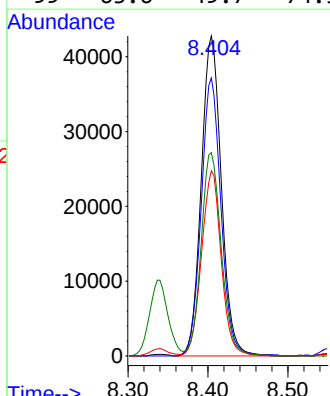
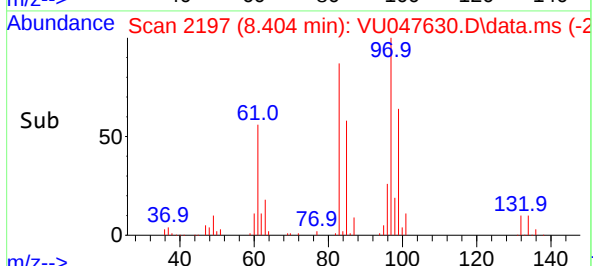
Supervised By :Mahesh Dadoda 04/01/2022

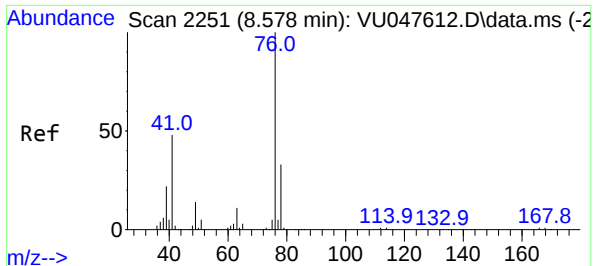


#52
1,1,2-Trichloroethane
Concen: 10.209 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion: 97 Resp: 74947
Ion Ratio Lower Upper
97 100
83 86.9 69.8 104.8
85 57.9 44.2 66.4
99 63.6 49.7 74.5





#53

1,3-Dichloropropane

Concen: 10.329 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 12344

Ion Ratio Lower Upper

76 100

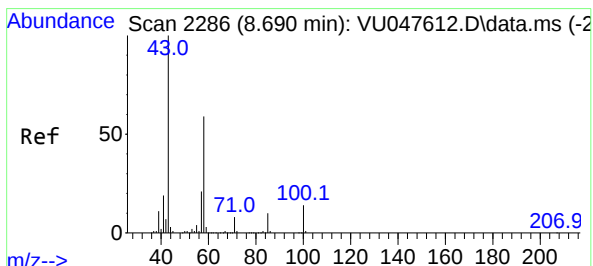
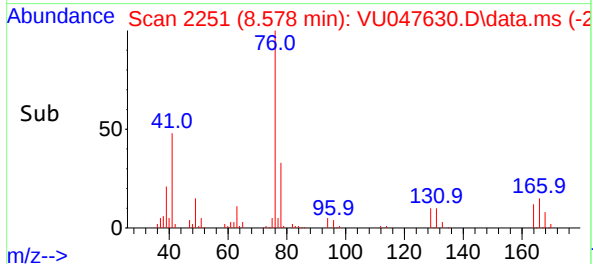
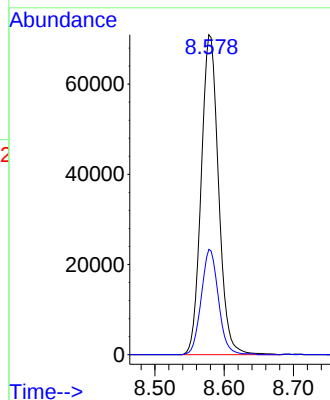
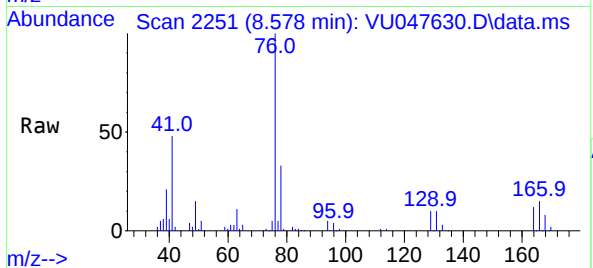
78 32.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#54

2-Hexanone

Concen: 54.153 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

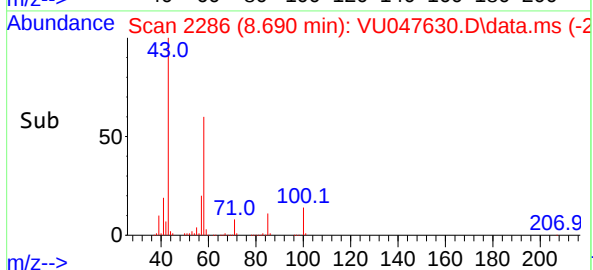
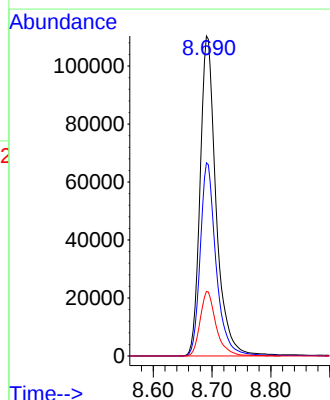
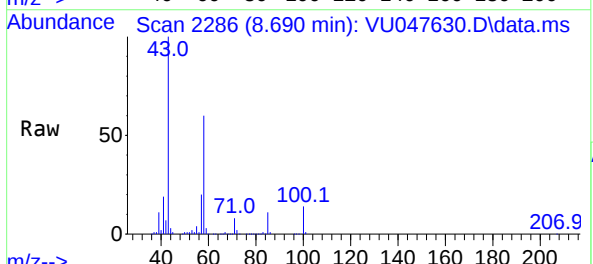
Tgt Ion: 43 Resp: 208517

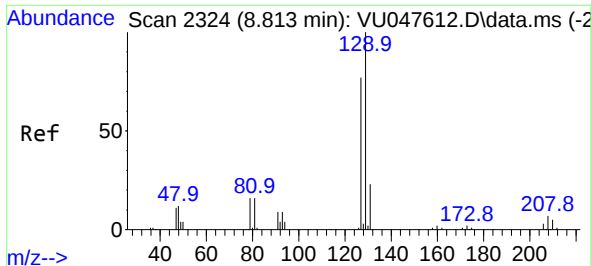
Ion Ratio Lower Upper

43 100

58 60.0 37.7 77.7

57 20.2 0.5 40.5





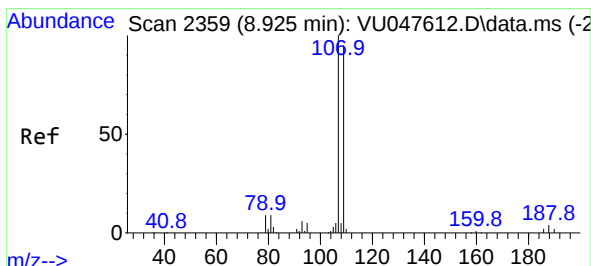
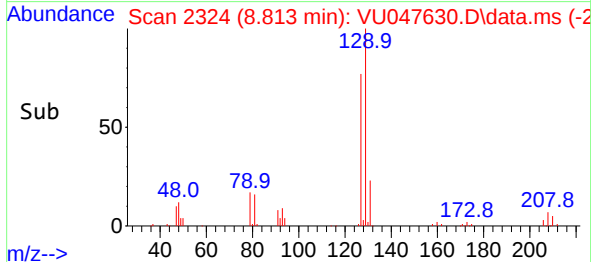
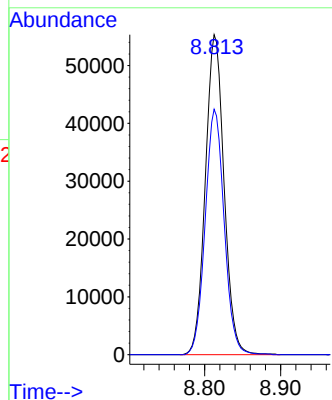
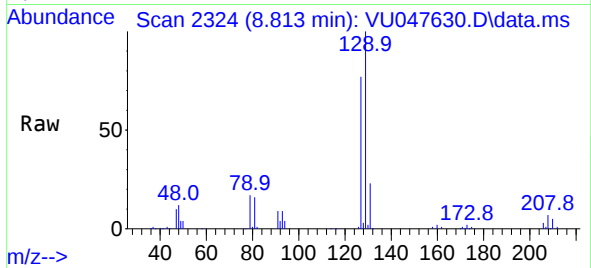
#55
Dibromochloromethane
Concen: 10.212 ug/l
RT: 8.813 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:129 Resp: 9468
Ion Ratio Lower Upper
129 100
127 77.8 62.2 93.4

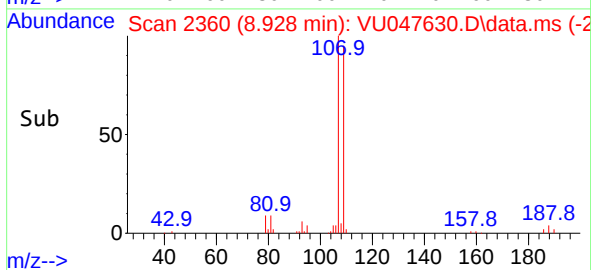
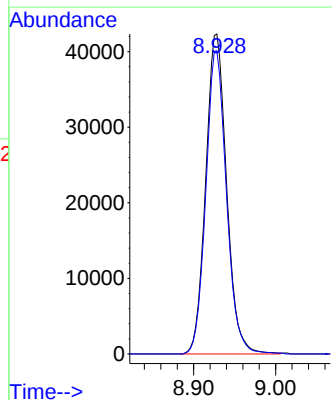
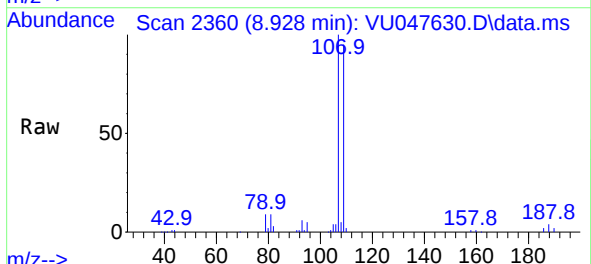
Manual Integrations
APPROVED

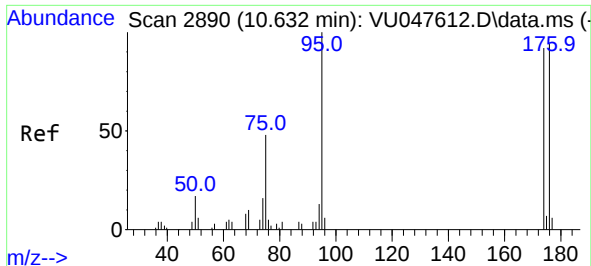
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#56
1,2-Dibromoethane
Concen: 10.236 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

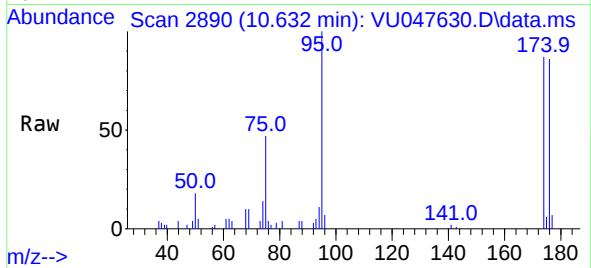
Tgt Ion:107 Resp: 74803
Ion Ratio Lower Upper
107 100
109 93.5 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.028 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

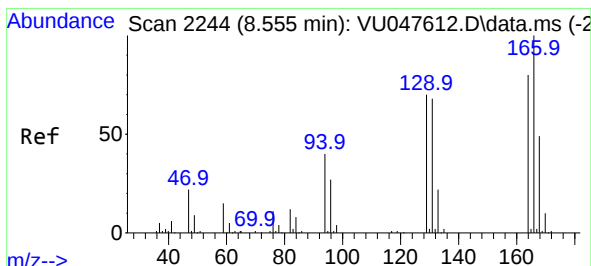
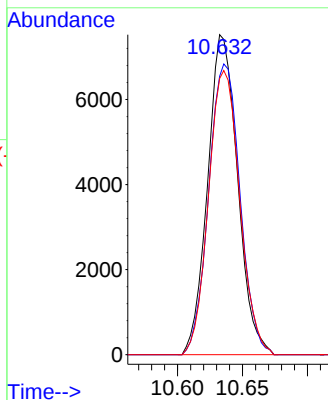
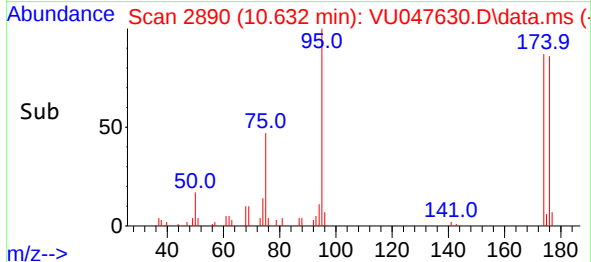
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 1205
Ion Ratio Lower Upper
95 100
174 94.9 56.6 84.8
176 92.5 54.3 81.5

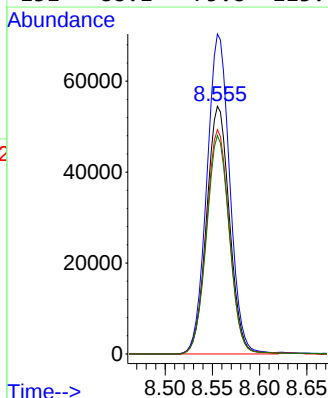
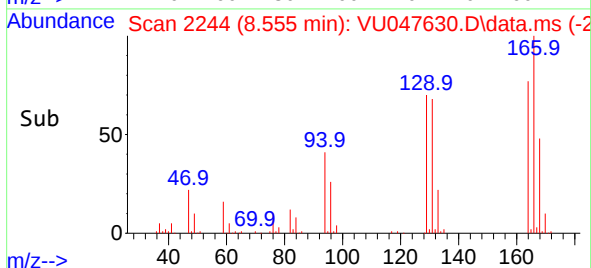
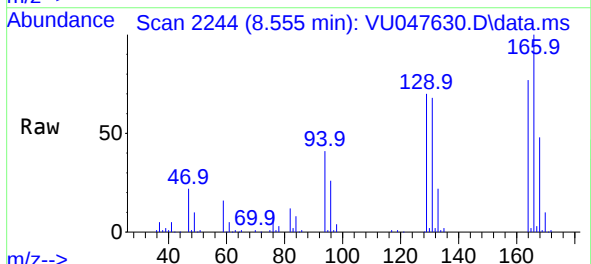
Manual Integrations
APPROVED

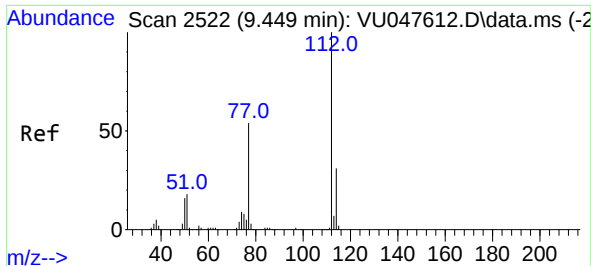
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#58
Tetrachloroethene
Concen: 10.111 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion:164 Resp: 92063
Ion Ratio Lower Upper
164 100
166 129.1 102.0 153.0
129 90.5 77.1 115.7
131 88.1 75.8 113.6





#59

Chlorobenzene

Concen: 10.447 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 255790

Ion Ratio Lower Upper

112 100

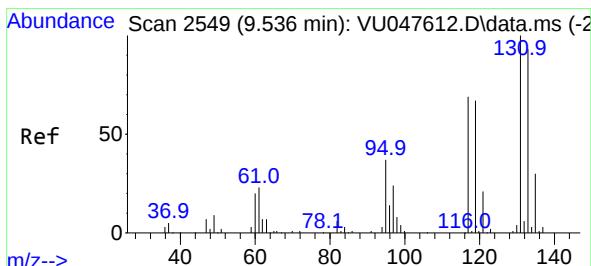
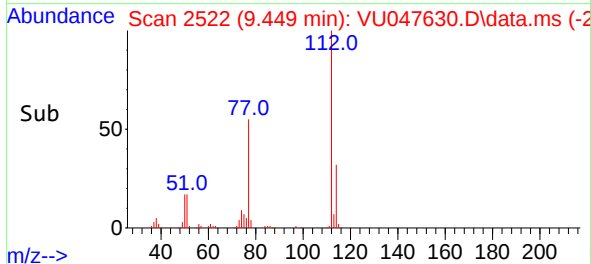
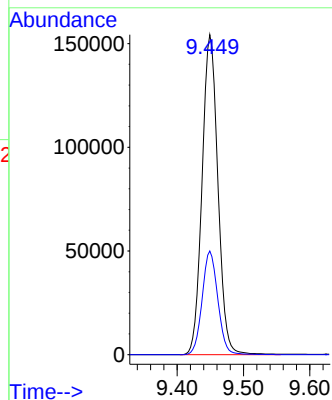
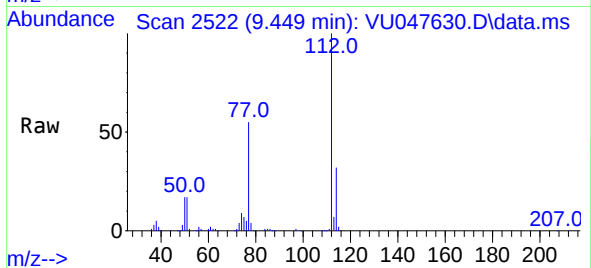
114 32.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 10.217 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047630.D

Acq: 21 Mar 2022 16:39

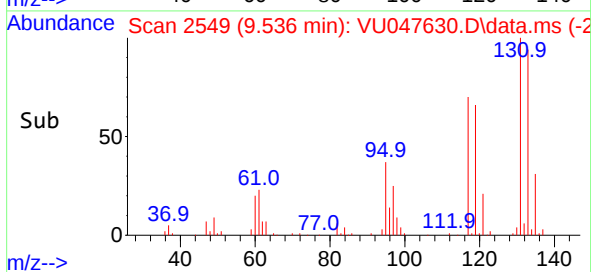
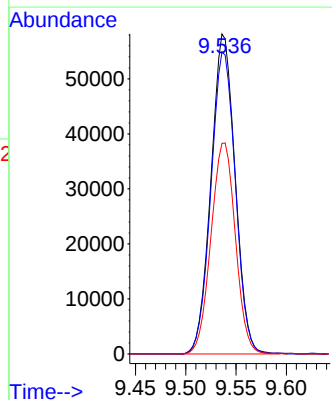
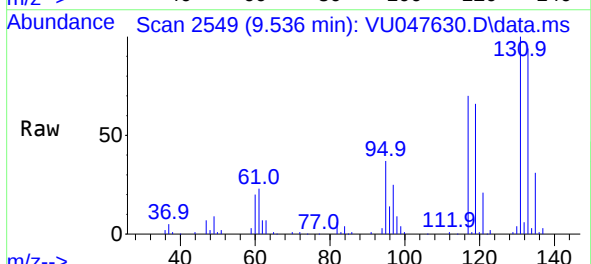
Tgt Ion:131 Resp: 97109

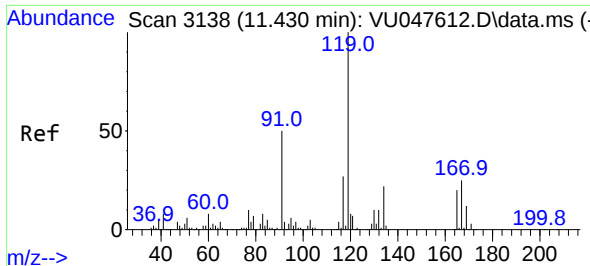
Ion Ratio Lower Upper

131 100

133 95.6 76.0 114.0

119 66.7 54.9 82.3





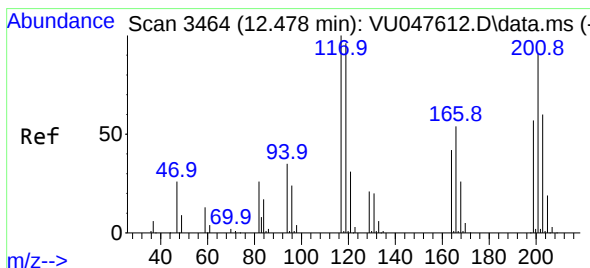
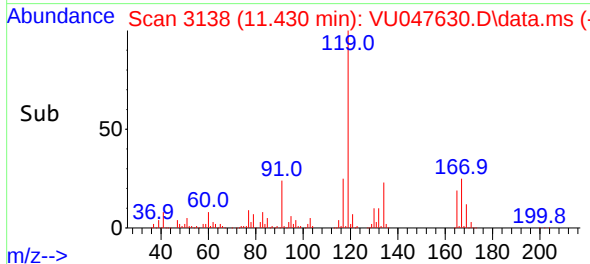
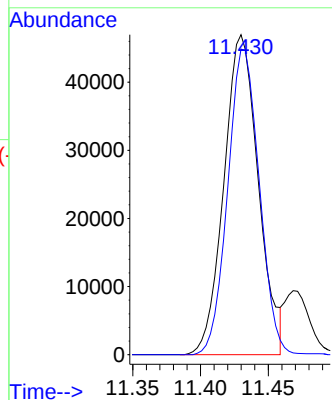
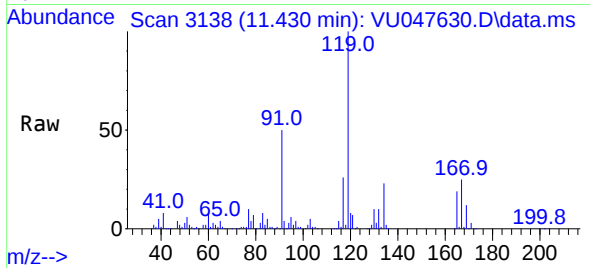
#61
Pentachloroethane
Concen: 10.306 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 8289
Ion Ratio Lower Upper
117 100
167 87.9 59.7 89.5

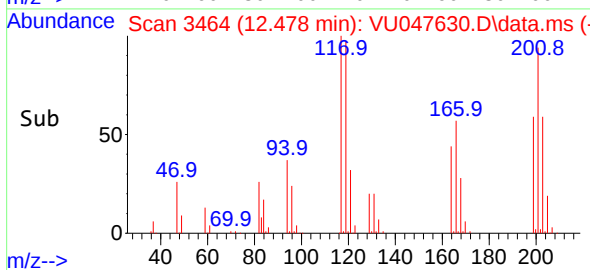
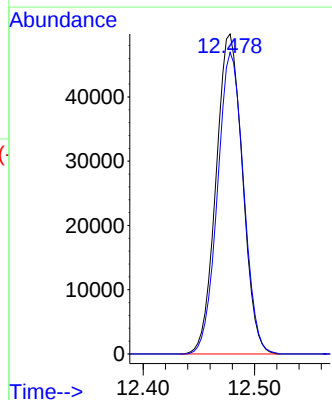
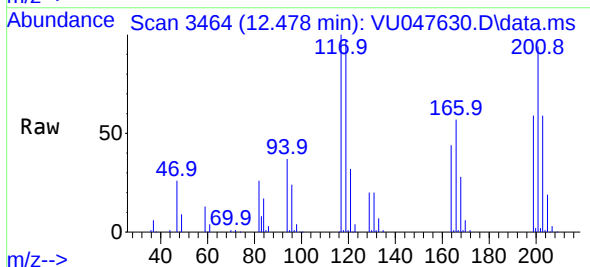
Manual Integrations
APPROVED

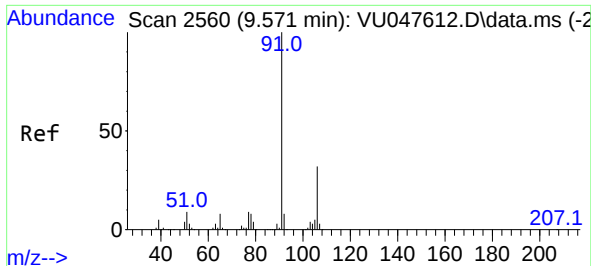
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#62
Hexachloroethane
Concen: 10.300 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

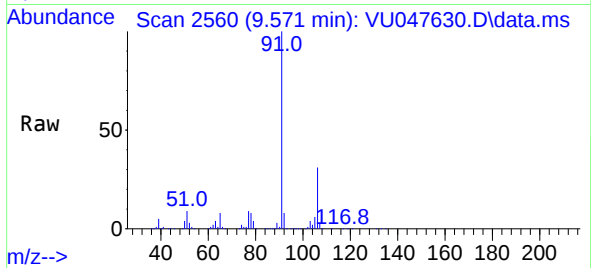
Tgt Ion:117 Resp: 82250
Ion Ratio Lower Upper
117 100
201 92.8 53.6 80.4#





#63
Ethyl Benzene
Concen: 11.021 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

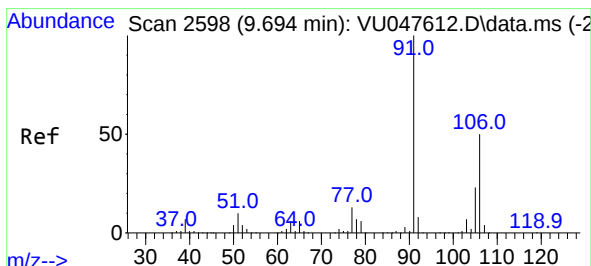
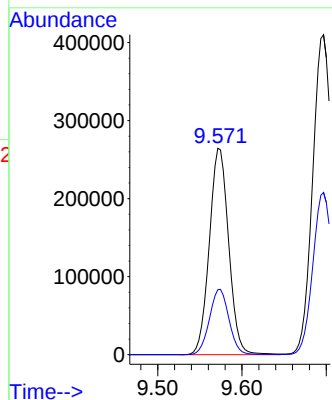
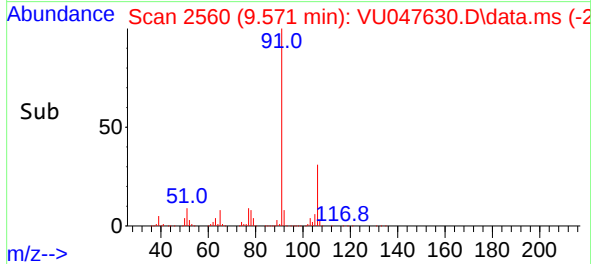
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



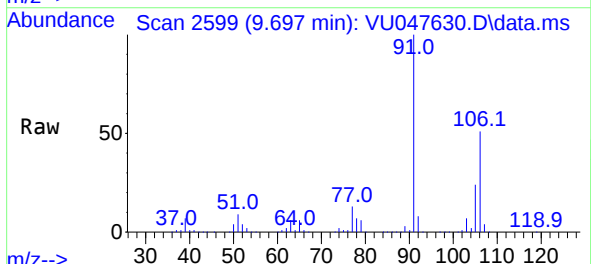
Tgt Ion: 91 Resp: 422733
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6

Manual Integrations
APPROVED

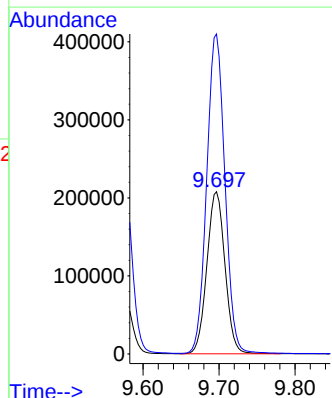
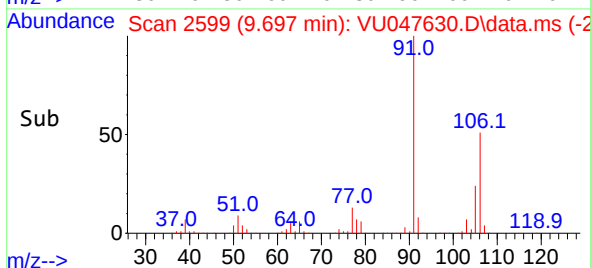
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

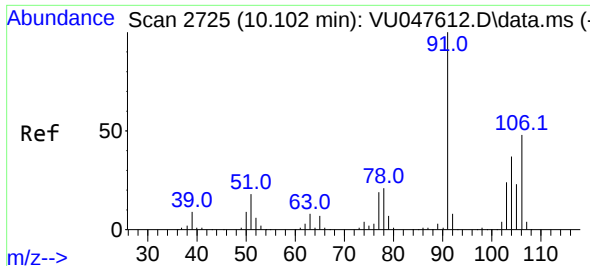


#64
m/p-Xylenes
Concen: 22.576 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion:106 Resp: 343529
Ion Ratio Lower Upper
106 100
91 198.9 165.5 248.3





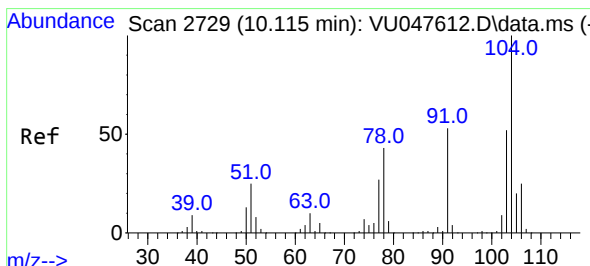
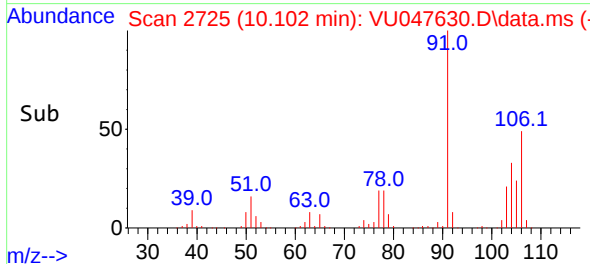
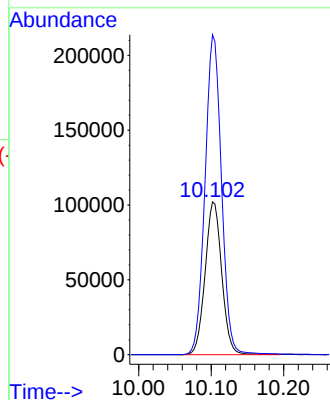
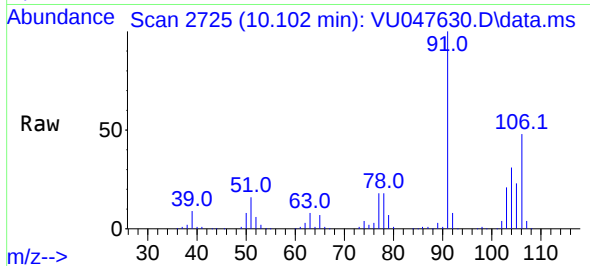
#65
o-Xylene
Concen: 11.298 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 162678
Ion Ratio Lower Upper
106 100
91 208.0 109.4 328.2

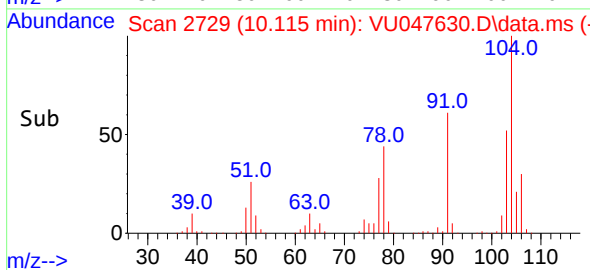
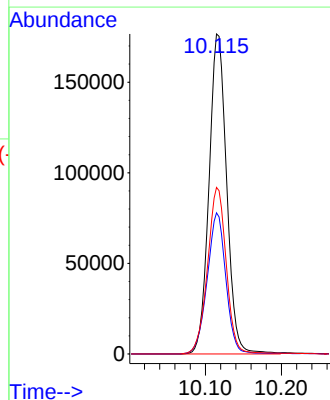
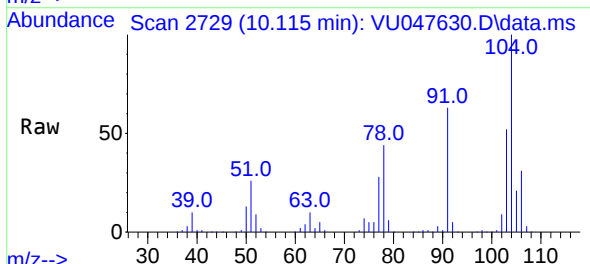
Manual Integrations
APPROVED

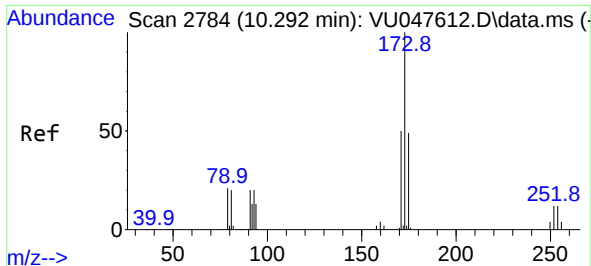
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#66
Styrene
Concen: 11.484 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

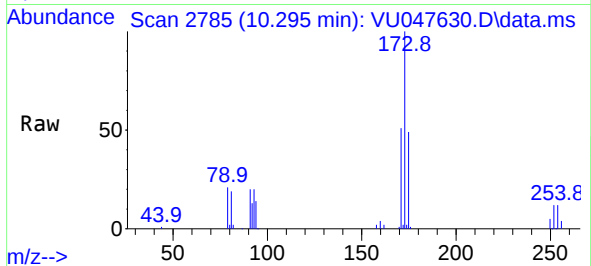
Tgt Ion:104 Resp: 285206
Ion Ratio Lower Upper
104 100
78 46.6 42.4 63.6
103 55.5 44.2 66.4





#67
Bromoform
Concen: 10.415 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

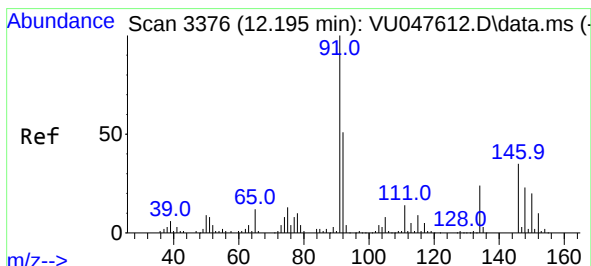
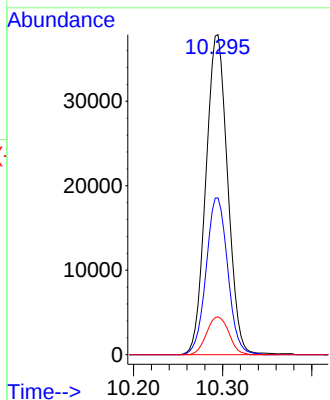
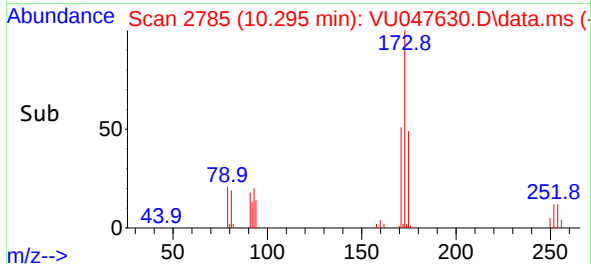
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



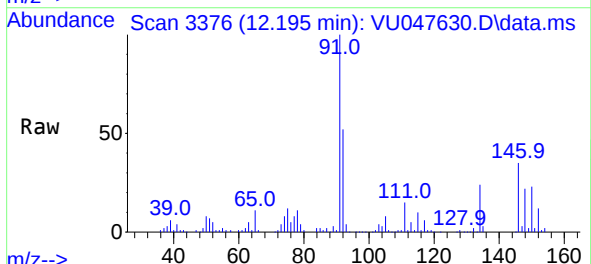
Tgt Ion:173 Resp: 64269
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 12.1 5.5 8.3

Manual Integrations
APPROVED

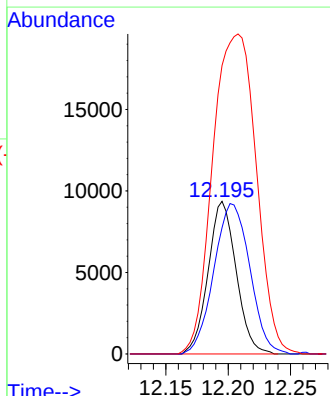
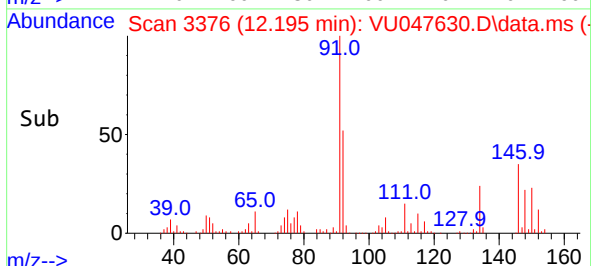
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

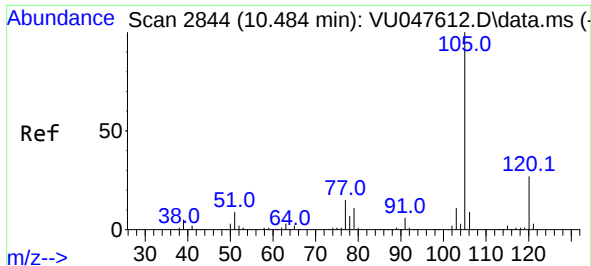


#68
1,2-Dichlorobenzene-d4
Concen: 1.033 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion:152 Resp: 14686
Ion Ratio Lower Upper
152 100
115 126.0 0.0 251.0
150 324.2 0.0 613.8





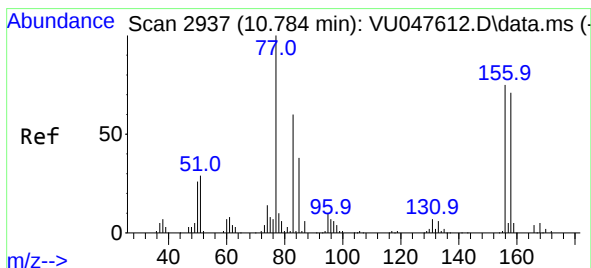
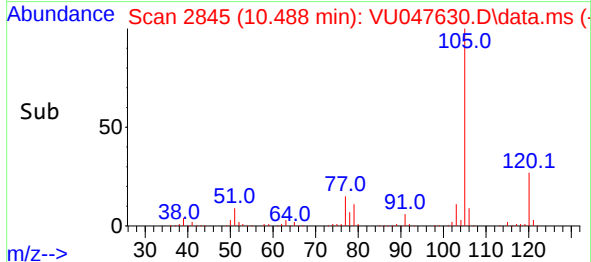
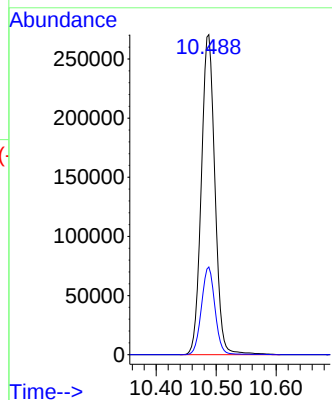
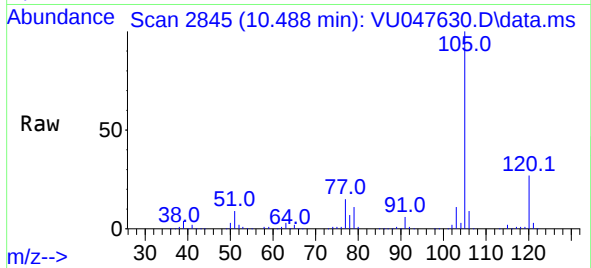
#69
Isopropylbenzene
Concen: 11.229 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 42812
Ion Ratio Lower Upper
105 100
120 27.1 12.8 38.4

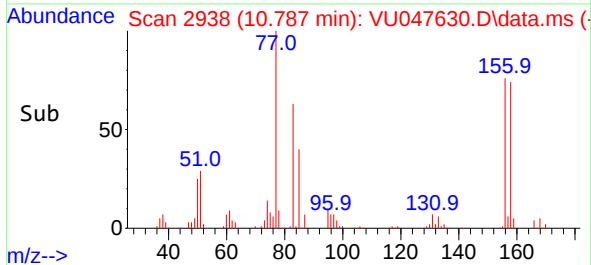
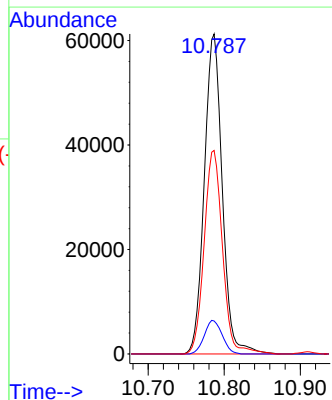
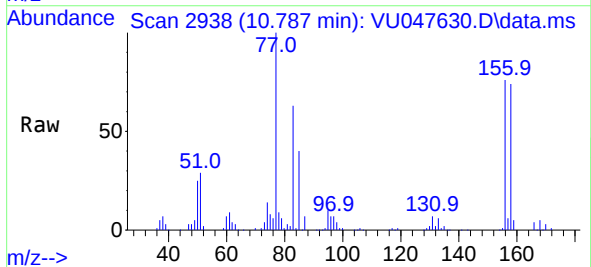
Manual Integrations
APPROVED

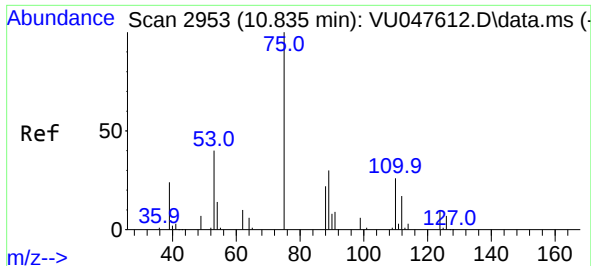
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 10.293 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

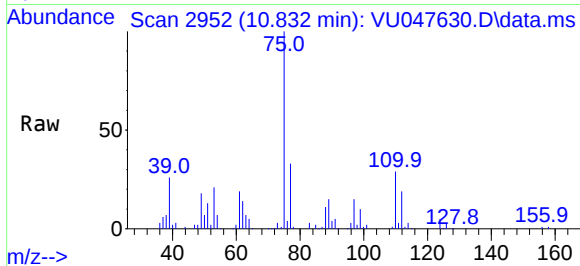
Tgt Ion: 83 Resp: 100624
Ion Ratio Lower Upper
83 100
131 10.4 7.6 11.4
85 65.0 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 8.776 ug/l m
RT: 10.832 min Scan# 2953
Delta R.T. -0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

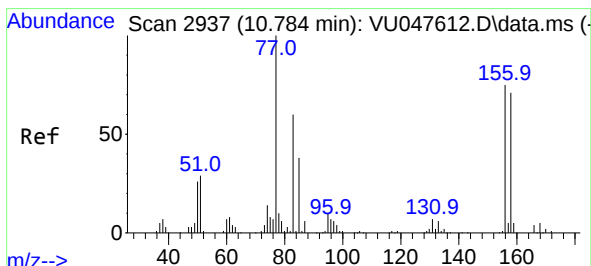
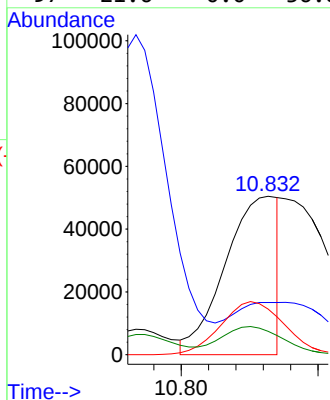
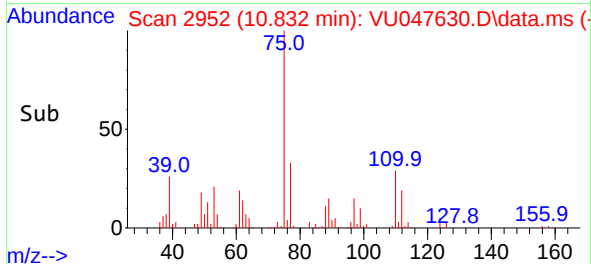
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



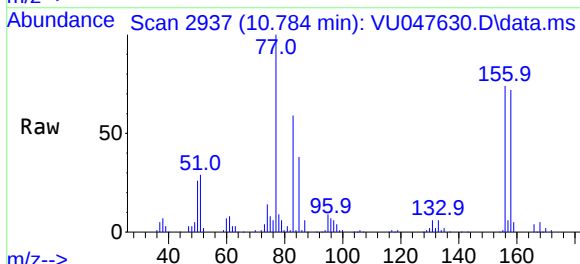
Tgt Ion: 75 Resp: 67730
Ion Ratio Lower Upper
75 100
77 60.2 0.0 105.6
110 40.3 0.0 71.2
97 21.6 0.0 36.8

Manual Integrations
APPROVED

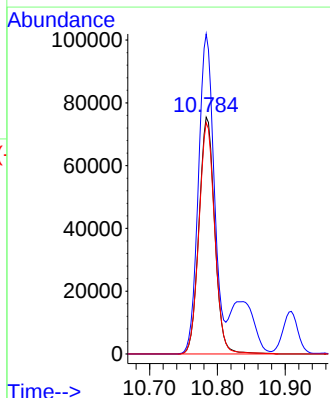
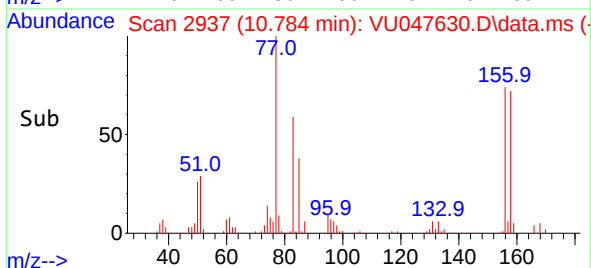
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

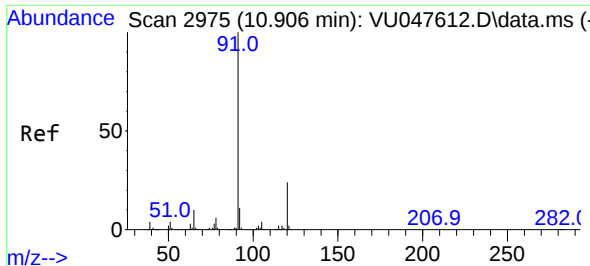


#72
Bromobenzene
Concen: 10.650 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion:156 Resp: 121732
Ion Ratio Lower Upper
156 100
77 134.7 0.0 370.6
158 98.0 0.0 193.4





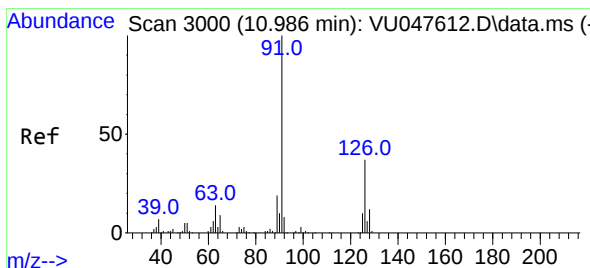
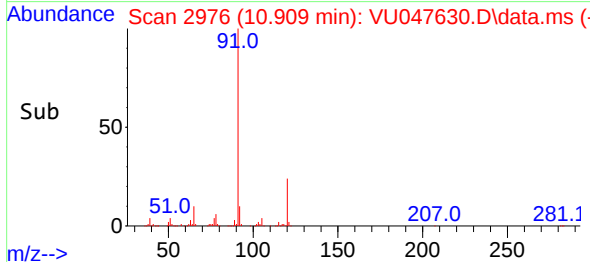
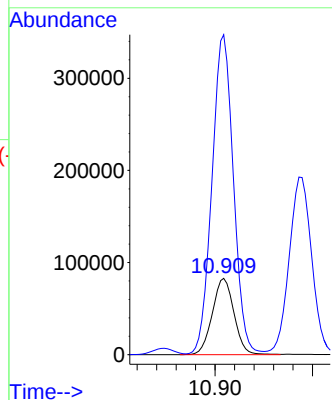
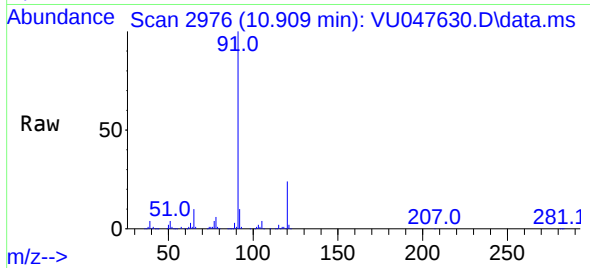
#73
n-propylbenzene
Concen: 11.530 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:120 Resp: 127574
Ion Ratio Lower Upper
120 100
91 417.3 370.7 556.1

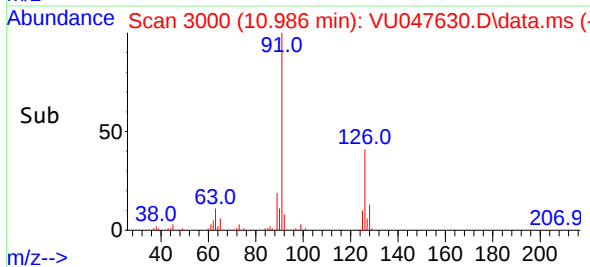
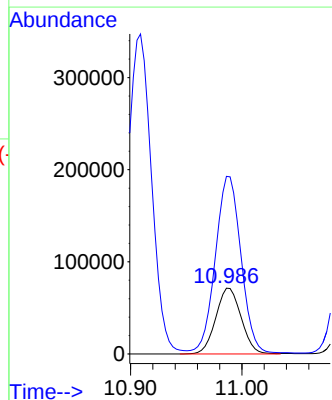
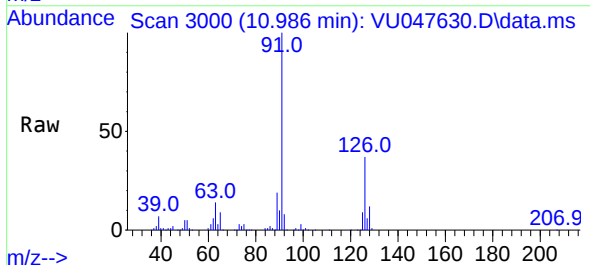
Manual Integrations
APPROVED

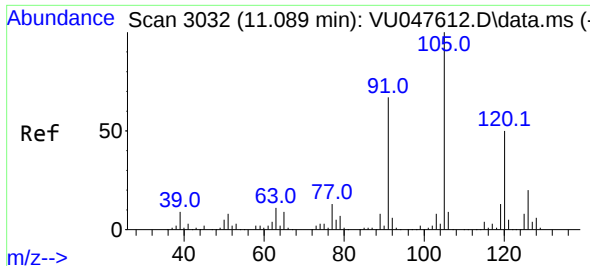
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
2-Chlorotoluene
Concen: 11.118 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion:126 Resp: 112974
Ion Ratio Lower Upper
126 100
91 276.1 0.0 639.6





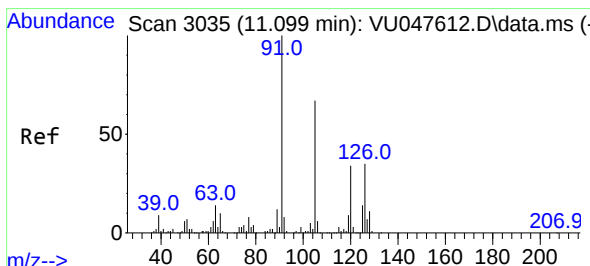
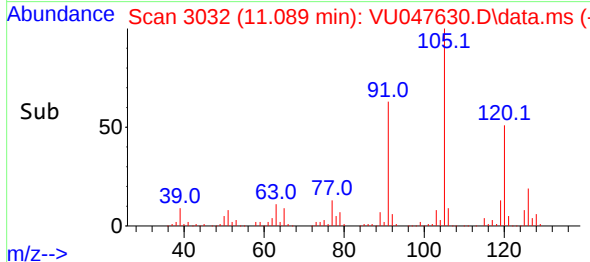
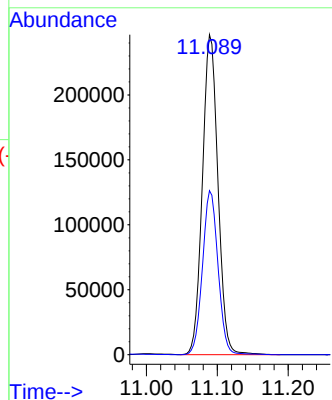
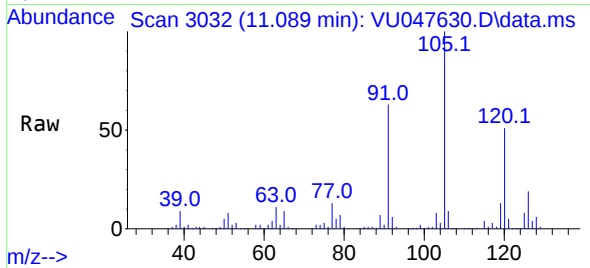
#75
1,3,5-Trimethylbenzene
Concen: 9.916 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 375704
Ion Ratio Lower Upper
105 100
120 51.0 38.6 58.0

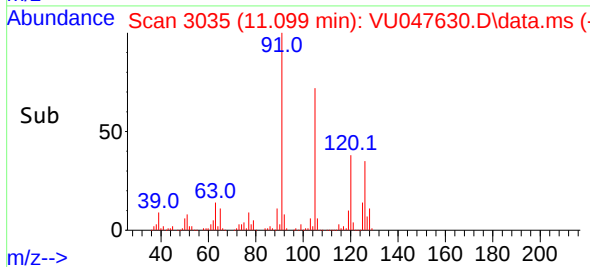
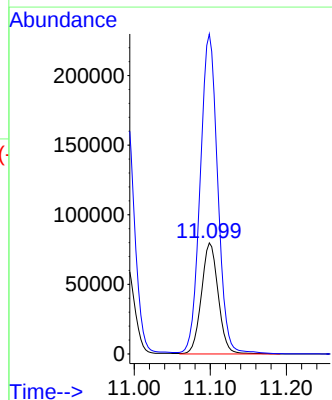
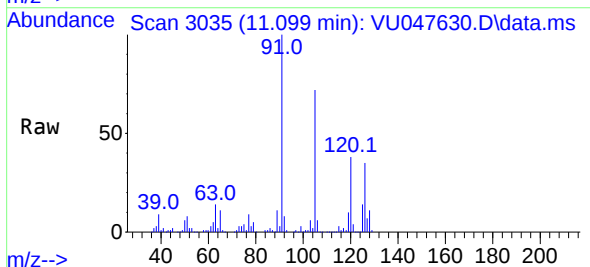
Manual Integrations
APPROVED

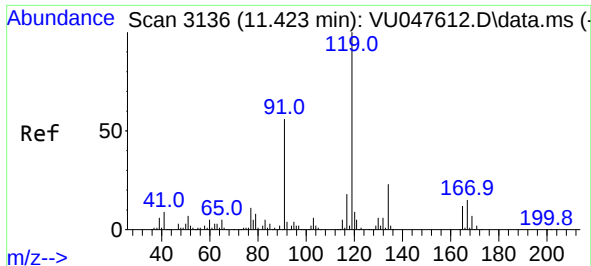
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#76
4-Chlorotoluene
Concen: 11.319 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion:126 Resp: 122387
Ion Ratio Lower Upper
126 100
91 300.9 0.0 728.0





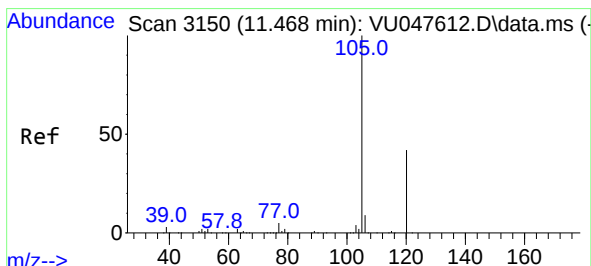
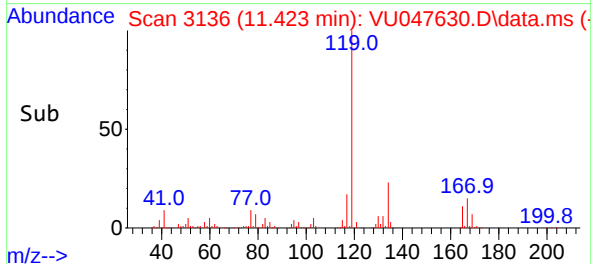
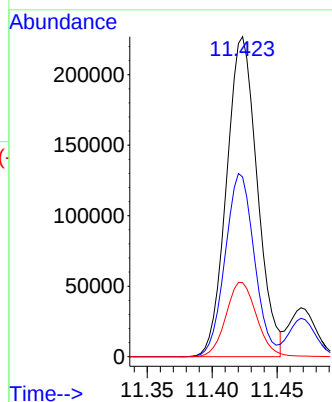
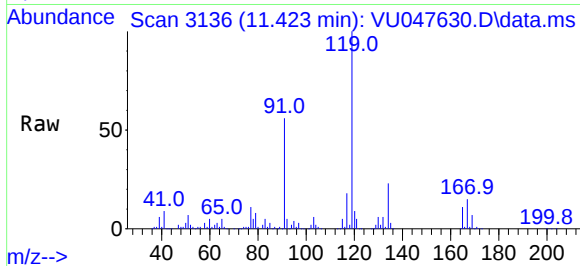
#77
tert-Butylbenzene
Concen: 11.262 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 374004
Ion Ratio Lower Upper
119 100
91 54.3 31.4 94.3
134 23.2 18.5 27.7

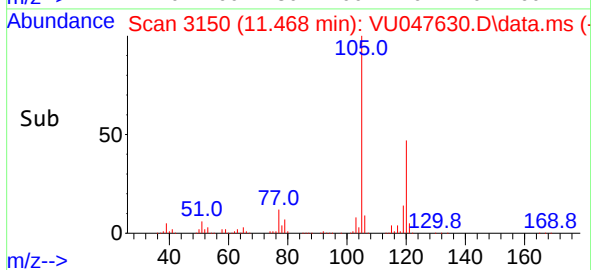
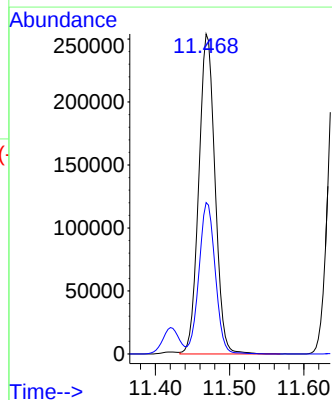
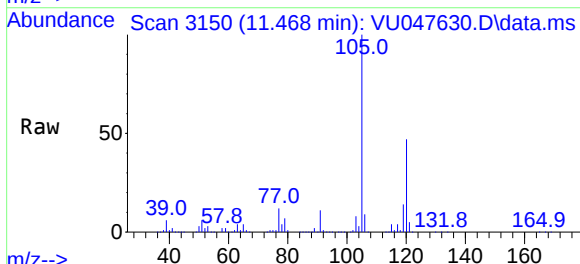
Manual Integrations
APPROVED

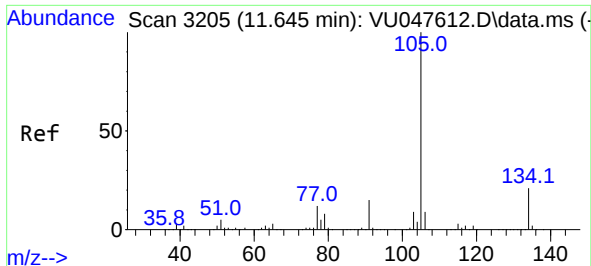
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
1,2,4-Trimethylbenzene
Concen: 9.966 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion:105 Resp: 386264
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 11.374 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047630.D
 Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

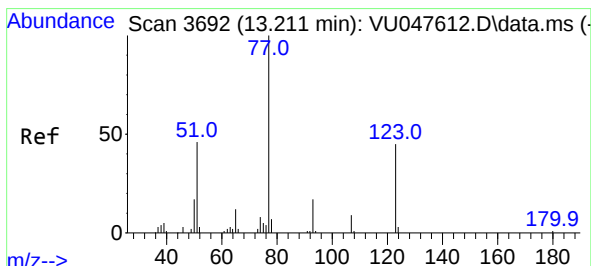
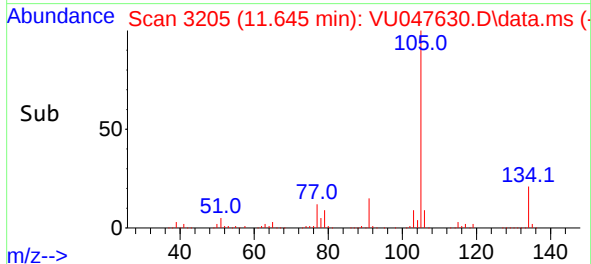
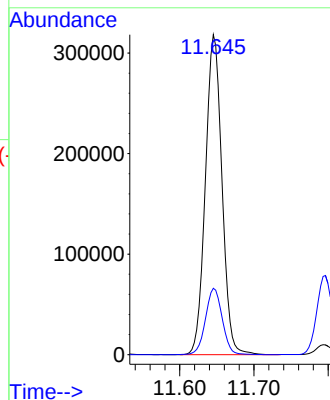
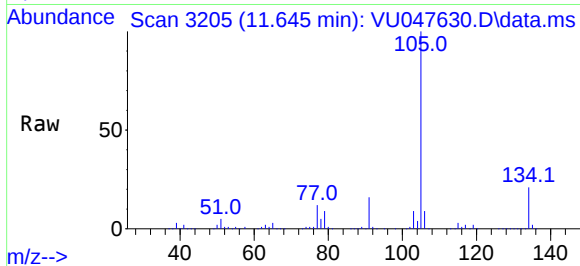
VSTDCCC010EC

Tgt Ion:105 Resp: 492285
 Ion Ratio Lower Upper
 105 100
 134 21.0 15.4 23.0

Manual Integrations

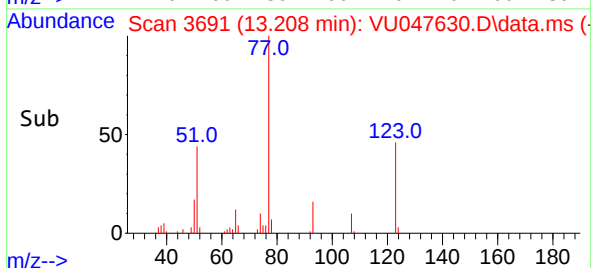
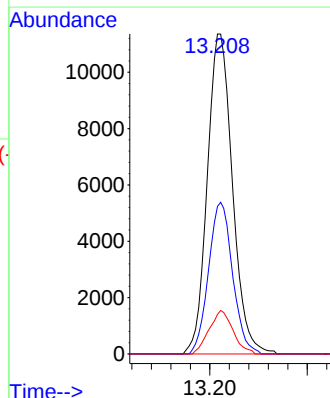
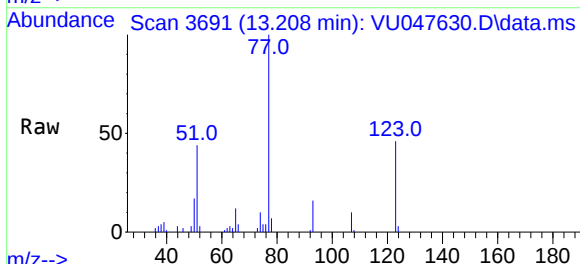
APPROVED

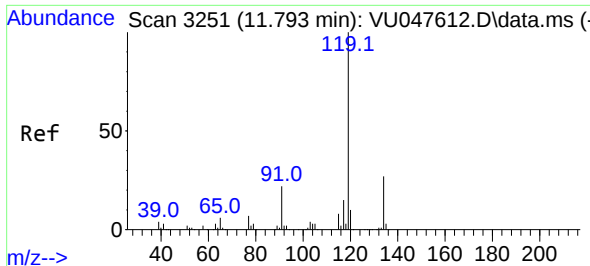
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#80
 Nitrobenzene
 Concen: 51.016 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.003 min
 Lab File: VU047630.D
 Acq: 21 Mar 2022 16:39

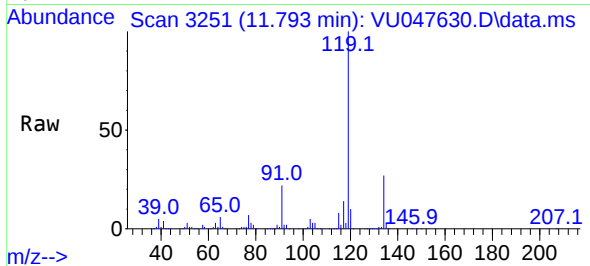
Tgt Ion: 77 Resp: 20368
 Ion Ratio Lower Upper
 77 100
 123 45.2 18.2 64.4
 65 12.9 12.0 15.2





#81
p-Isopropyltoluene
Concen: 9.923 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

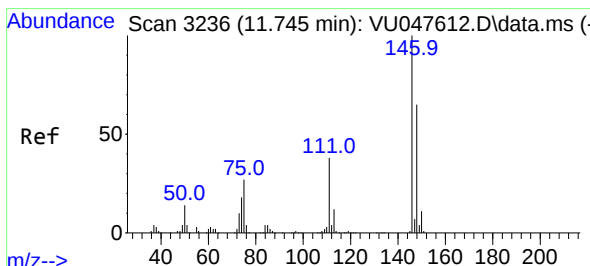
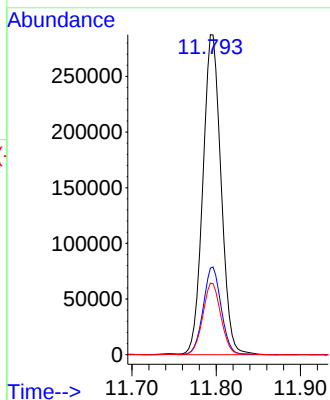
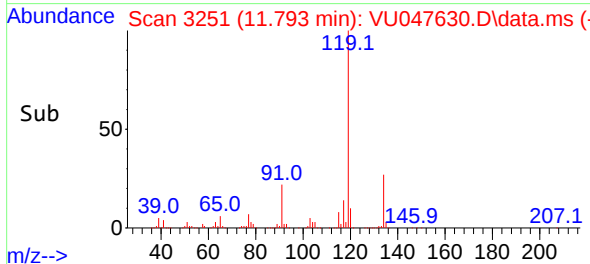
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



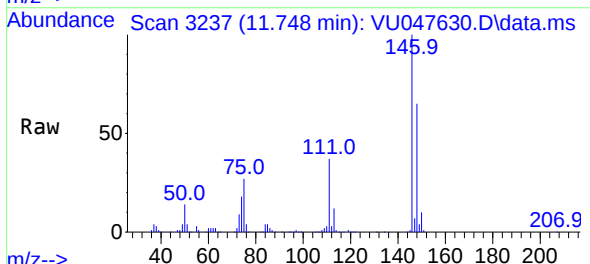
Tgt Ion:119 Resp: 431398
Ion Ratio Lower Upper
119 100
134 27.1 20.2 30.4
91 22.4 19.9 29.9

Manual Integrations
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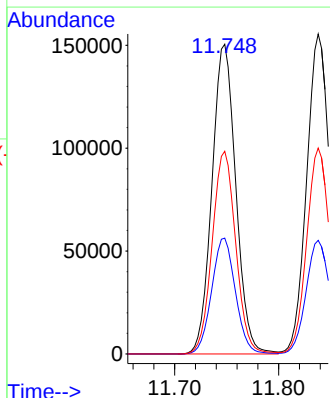
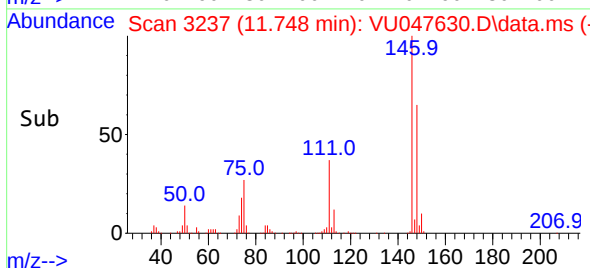
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

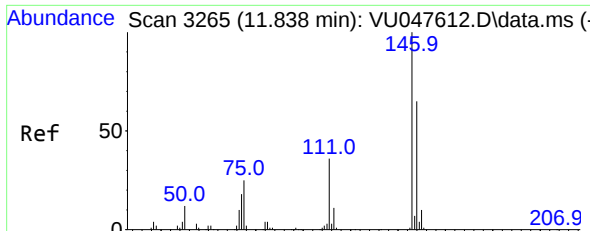


#82
1,3-Dichlorobenzene
Concen: 10.639 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



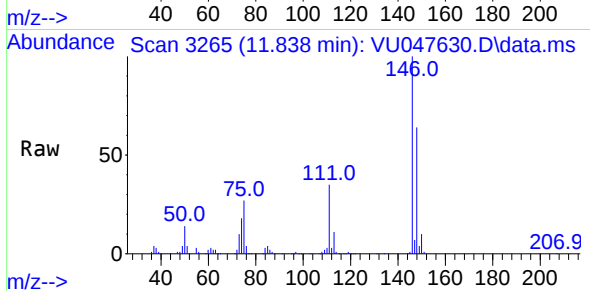
Tgt Ion:146 Resp: 240253
Ion Ratio Lower Upper
146 100
111 37.3 33.9 50.9
148 64.7 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 10.773 ug/l
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

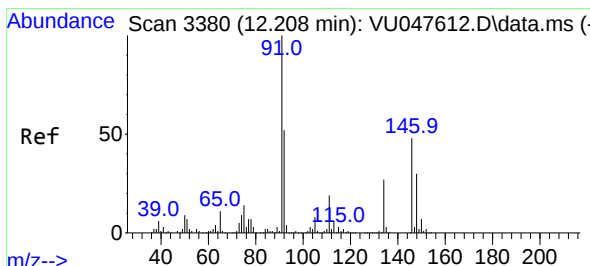
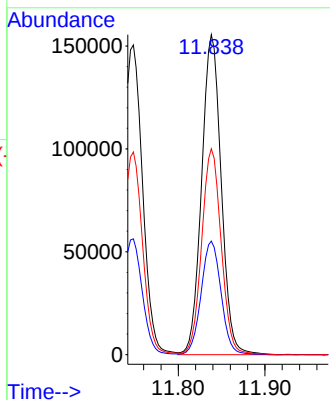
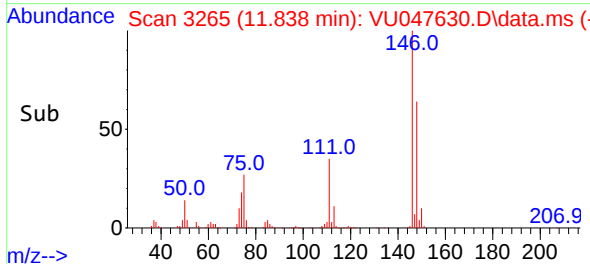
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



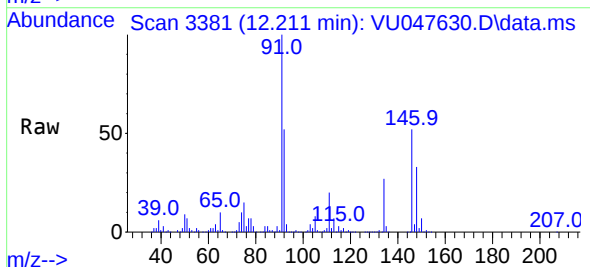
Tgt Ion:146 Resp: 24460
Ion Ratio Lower Upper
146 100
111 36.1 32.7 49.1
148 64.2 51.4 77.0

Manual Integrations
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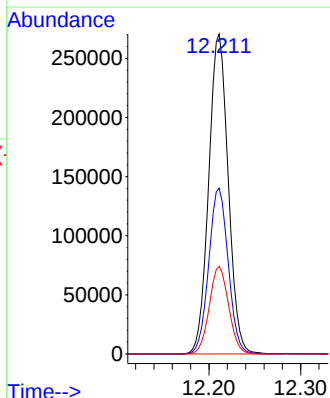
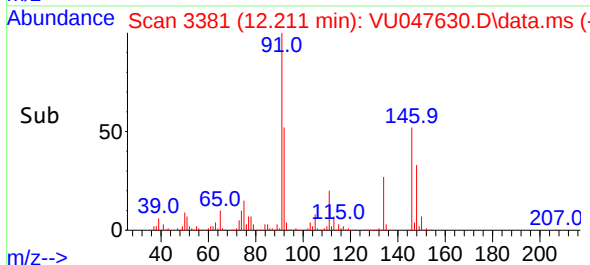
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

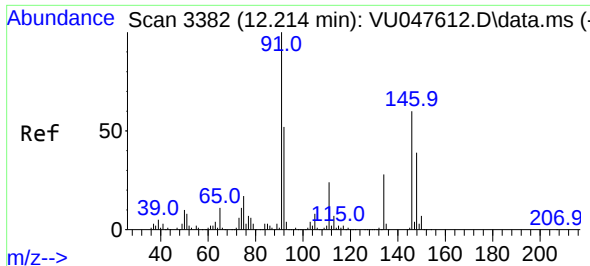


#84
n-Butylbenzene
Concen: 9.793 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



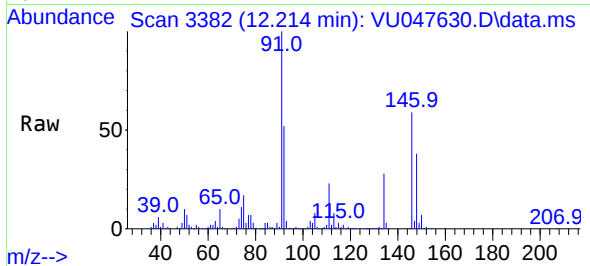
Tgt Ion: 91 Resp: 399529
Ion Ratio Lower Upper
91 100
92 51.9 43.5 65.3
134 27.1 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 10.726 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

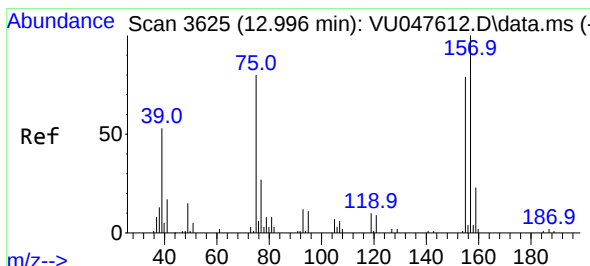
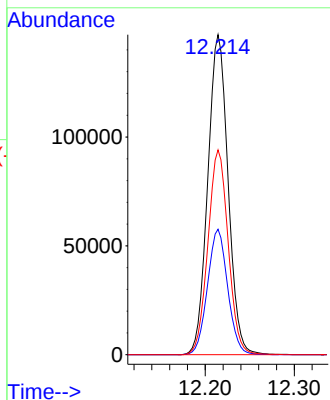
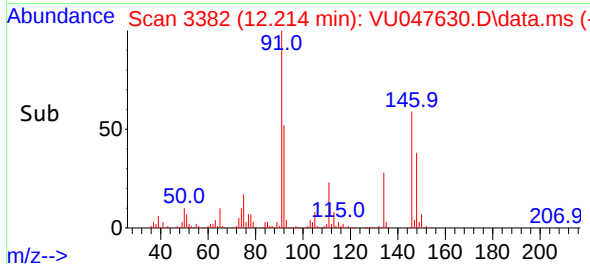
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



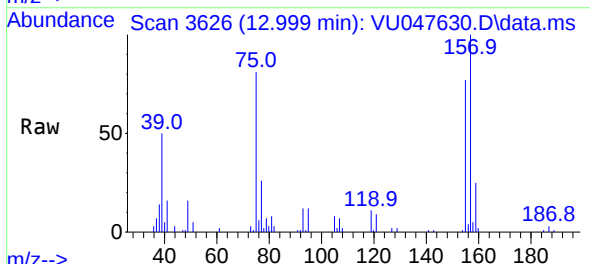
Tgt Ion:146 Resp: 23268
Ion Ratio Lower Upper
146 100
111 39.0 22.1 66.1
148 64.0 31.6 94.7

Manual Integrations
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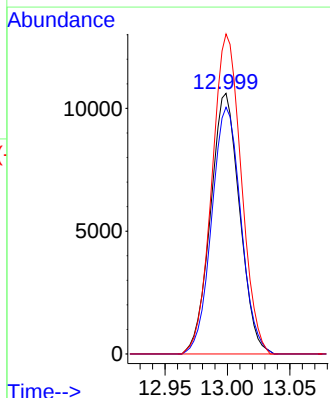
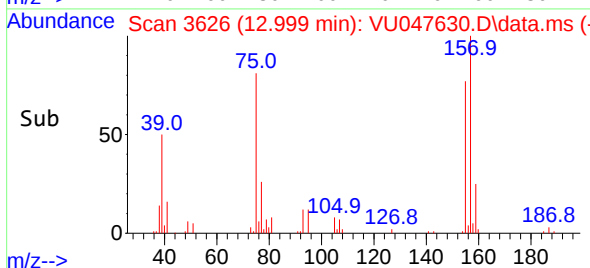
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

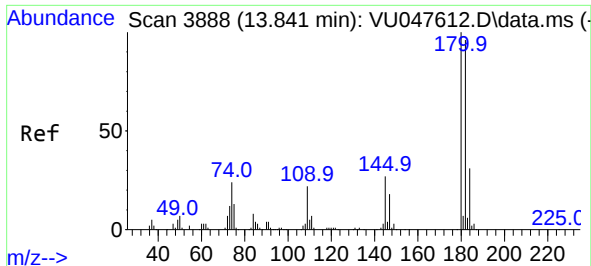


#86
1,2-Dibromo-3-Chloropropane
Concen: 10.481 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



Tgt Ion: 75 Resp: 17281
Ion Ratio Lower Upper
75 100
155 94.6 57.8 86.8#
157 123.3 75.1 112.7#





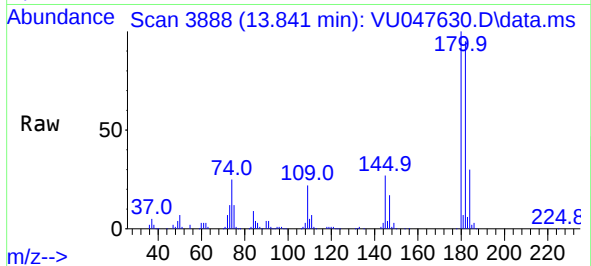
#87
1,2,4-Trichlorobenzene
Concen: 11.112 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

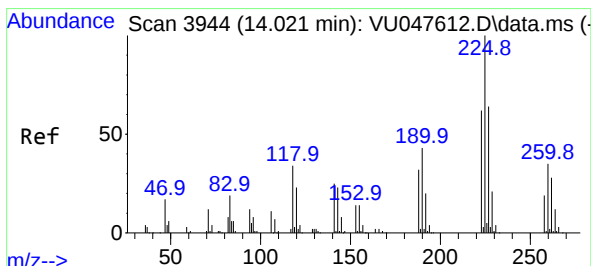
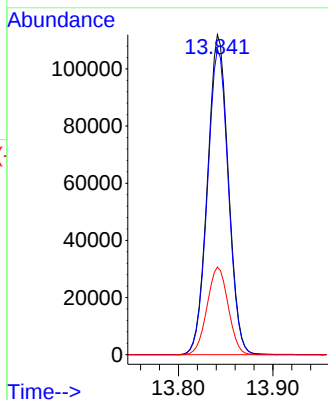
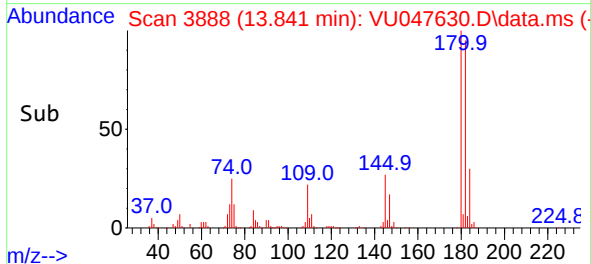


Tgt Ion:180 Resp: 172144
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.8
145 27.5 25.3 37.9

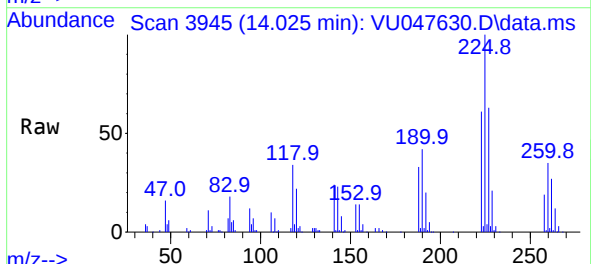
Manual Integrations

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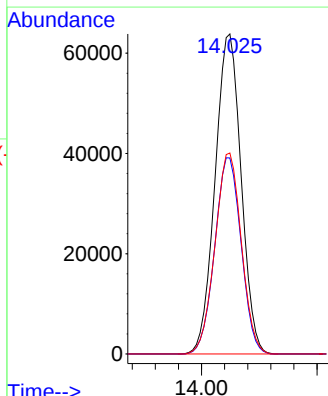
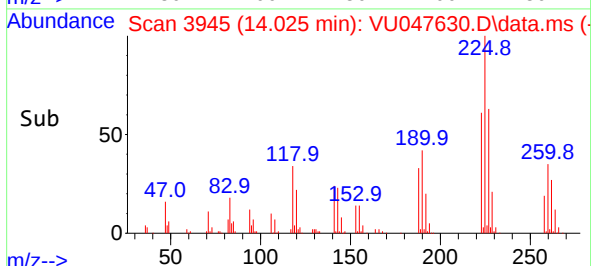
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

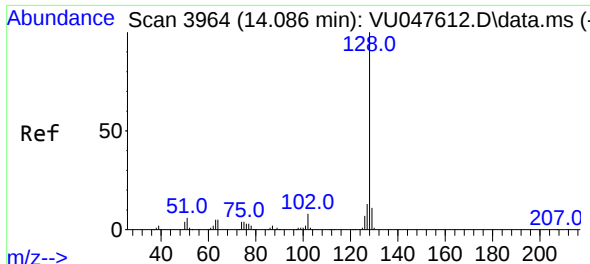


#88
Hexachlorobutadiene
Concen: 10.736 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39



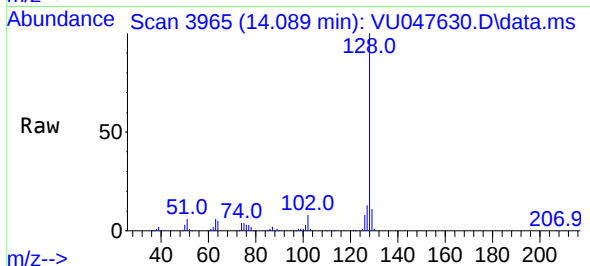
Tgt Ion:225 Resp: 99843
Ion Ratio Lower Upper
225 100
223 62.1 51.1 76.7
227 63.6 49.9 74.9





#89
Naphthalene
Concen: 11.039 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

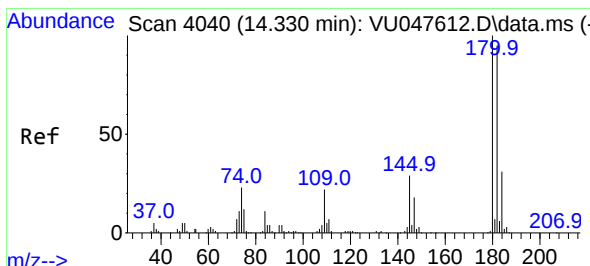
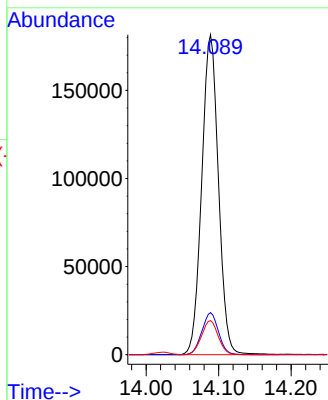
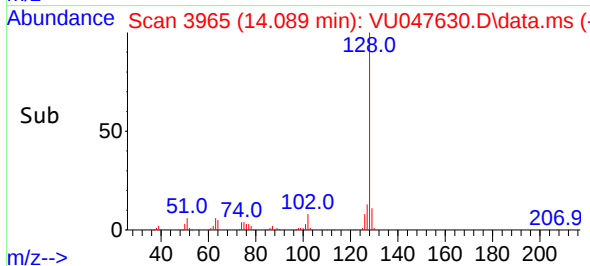
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 290478
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
1,2,3-Trichlorobenzene
Concen: 11.078 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047630.D
Acq: 21 Mar 2022 16:39

Tgt Ion:180 Resp: 161777
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.0
145 29.1 27.0 40.4

