

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021522\
 Data File : VU047145.D
 Acq On : 15 Feb 2022 11:26
 Operator : SY/MD
 Sample : VU0215WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0215WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/18/2022

Quant Time: Feb 17 08:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	52175	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	20400	1.009	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	21269	1.011	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	35237	2.026	ug/l	98
3) Chloromethane	1.530	50	37122	2.078	ug/l	96
4) Vinyl Chloride	1.610	62	35017	1.985	ug/l	99
5) Bromomethane	1.864	94	23333	2.025	ug/l	99
6) Chloroethane	1.941	64	19910	1.965	ug/l	96
7) Trichlorofluoromethane	2.147	101	42719	2.055	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	24930	2.080	ug/l	95
9) 1,1-Dichloroethene	2.591	96	25484	2.066	ug/l	96
10) Iodomethane	2.732	142	17681	1.996	ug/l	99
11) Allyl Chloride	2.932	41	38513	2.003	ug/l	95
12) Acrylonitrile	3.324	53	10543	2.913	ug/l	# 85
13) Acetone	2.636	43	16646	9.237	ug/l	96
14) Carbon Disulfide	2.803	76	85634	2.053	ug/l	99
15) Methylene Chloride	3.054	84	28486	2.057	ug/l	98
16) trans-1,2-Dichloroethene	3.363	96	27674	2.126	ug/l	98
17) 1,1-Dichloroethane	3.877	63	47407	1.988	ug/l	99
18) 2-Butanone	4.719	43	32507	8.914	ug/l	99
19) Cyclohexane	5.395	56	44253m	2.003	ug/l	
20) Methylcyclohexane	6.768	83	49996	2.053	ug/l	95
21) 2,2-Dichloropropane	4.671	77	42568	1.997	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	30115	2.012	ug/l	94
23) Diethyl Ether	2.382	59	19221	1.928	ug/l	96
24) tert-Butyl Alcohol	3.202	59	10912	16.834	ug/l	# 89
25) Methyl tert-Butyl Ether	3.372	73	69127	1.999	ug/l	96
26) Bromochloromethane	4.983	128	13840	2.056	ug/l	92
27) Chloroform	5.096	83	49554	2.048	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	41630	1.987	ug/l	97
29) 1,1-Dichloropropene	5.533	75	38780	2.022	ug/l	98
30) Carbon Tetrachloride	5.530	117	37879	2.057	ug/l	98
31) Isopropyl Ether	4.002	45	74244	1.947	ug/l	98
32) Ethyl-t-butyl ether	4.510	59	76368	1.970	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	69462	1.945	ug/l	97
34) Propionitrile	4.793	54	8057	8.866	ug/l	# 93
35) Benzene	5.781	78	110641	2.059	ug/l	99
36) 1,2-Dichloroethane	5.800	62	33708	2.072	ug/l	99
37) Trichloroethene	6.546	130	30685	2.062	ug/l	91
38) 1,2-Dichloropropane	6.797	63	28559	2.008	ug/l	100
39) Methacrylonitrile	4.983	41	9519	1.942	ug/l	# 94
40) Methyl acrylate	4.854	55	14905	1.799	ug/l	# 95
41) Tetrahydrofuran	5.067	42	8143	3.261	ug/l	91
42) 1-Chlorobutane	5.465	56	50299	1.953	ug/l	98
43) Dibromomethane	6.925	93	15238	1.987	ug/l	# 88
44) Bromodichloromethane	7.108	83	37812	2.085	ug/l	# 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	97801	9.428	ug/l	96
46) t-1,4-Dichloro-2-butene	10.841	75	17482m	3.872	ug/l	
47) Methyl methacrylate	6.967	69	30378	3.777	ug/l	96
48) Ethyl methacrylate	8.337	69	31178	1.912	ug/l	99
49) Toluene	7.973	92	71207	2.054	ug/l	97
50) t-1,3-Dichloropropene	8.214	75	38577	1.965	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	43638	1.983	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	22734	2.078	ug/l	98
53) 1,3-Dichloropropane	8.578	76	40145	2.053	ug/l	100
54) 2-Hexanone	8.690	43	76119	9.850	ug/l	99
55) Dibromochloromethane	8.813	129	27337	2.055	ug/l	98
56) 1,2-Dibromoethane	8.928	107	22913	2.072	ug/l	99
58) Tetrachloroethene	8.559	164	29073	2.118	ug/l	98
59) Chlorobenzene	9.449	112	79878	2.067	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	26400	1.987	ug/l	99
61) Pentachloroethane	11.430	117	19754	1.959	ug/l	85
62) Hexachloroethane	12.478	117	21332	1.959	ug/l	84
63) Ethyl Benzene	9.575	91	139361	2.051	ug/l	98
64) m/p-Xylenes	9.697	106	108361	4.184	ug/l	96
65) o-Xylene	10.102	106	52325	2.086	ug/l	97
66) Styrene	10.118	104	86951	2.042	ug/l	97
67) Bromoform	10.295	173	17062	2.024	ug/l #	97
69) Isopropylbenzene	10.488	105	139785	2.072	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	30317	2.049	ug/l	98
71) 1,2,3-Trichloropropane	10.832	75	22331m	1.789	ug/l	
72) Bromobenzene	10.784	156	33693	2.045	ug/l	86
73) n-propylbenzene	10.909	120	38150	2.054	ug/l	86
74) 2-Chlorotoluene	10.989	126	32786	2.070	ug/l	87
75) 1,3,5-Trimethylbenzene	11.089	105	113752	2.056	ug/l	99
76) 4-Chlorotoluene	11.102	126	34130	2.051	ug/l	83
77) tert-Butylbenzene	11.423	119	109467	1.972	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	114619	2.030	ug/l	98
79) sec-Butylbenzene	11.645	105	150051	2.035	ug/l	98
80) Nitrobenzene	13.211	77	5843	8.181	ug/l	98
81) p-Isopropyltoluene	11.793	119	124055	1.988	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	65806	2.051	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	66110	2.046	ug/l	98
84) n-Butylbenzene	12.211	91	119093	1.988	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	63746	2.064	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	5461	2.013	ug/l	87
87) 1,2,4-Trichlorobenzene	13.841	180	49144	2.027	ug/l	98
88) Hexachlorobutadiene	14.021	225	24737	1.996	ug/l	98
89) Naphthalene	14.086	128	97809	1.969	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	45127	2.075	ug/l	97

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

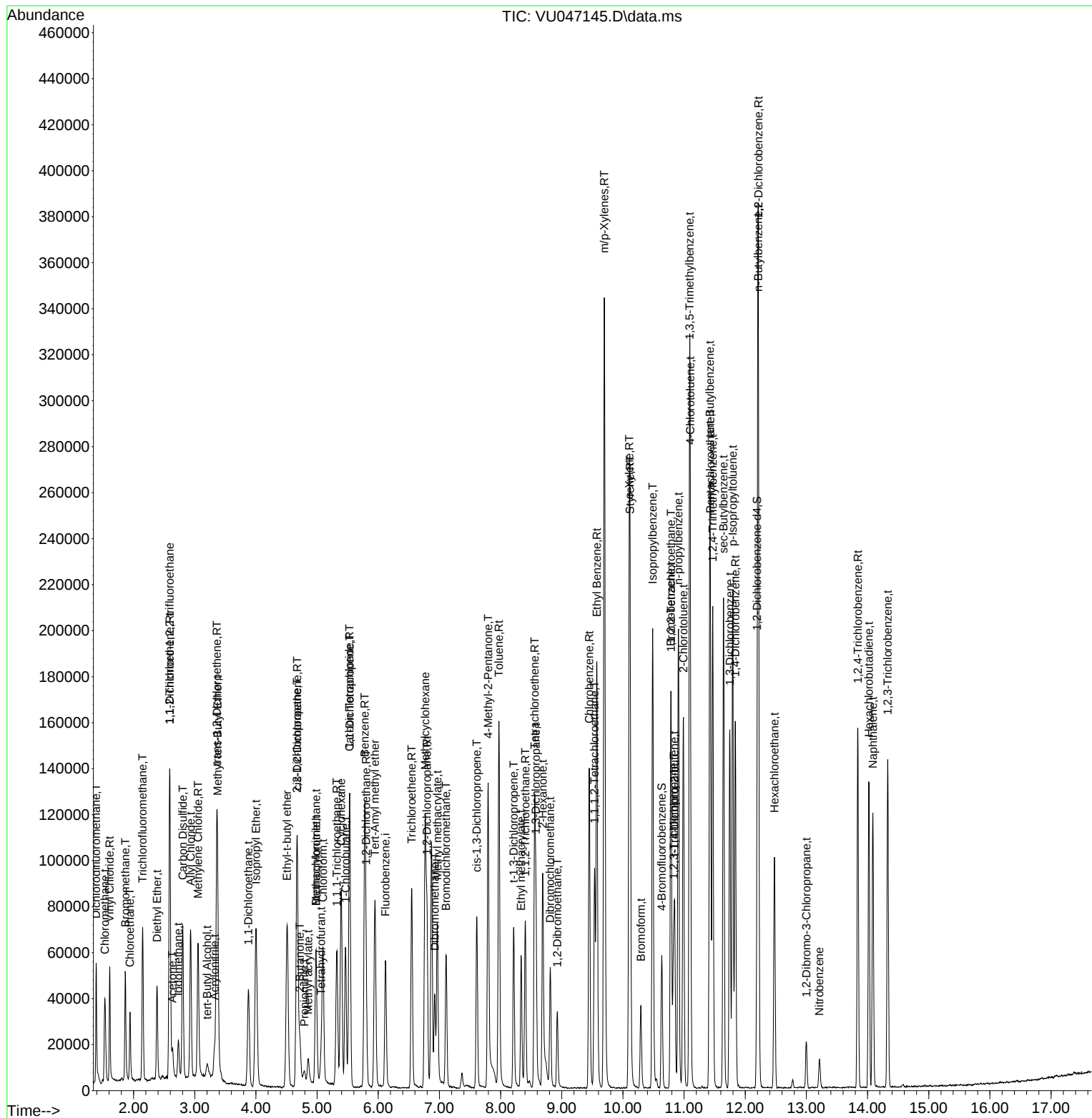
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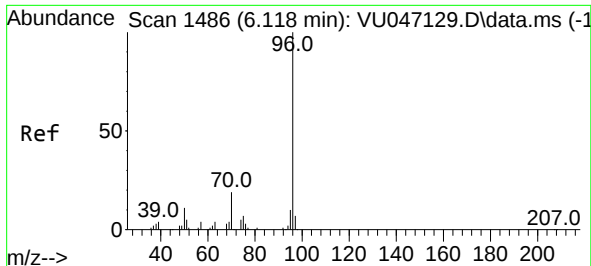
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

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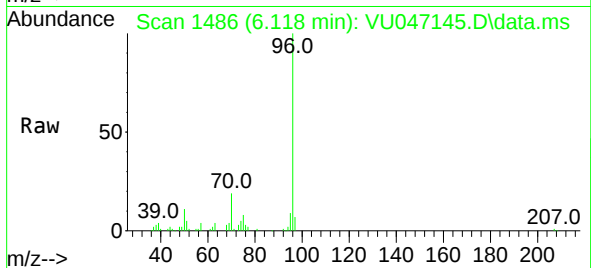
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

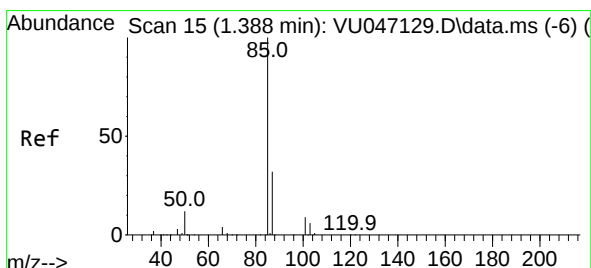
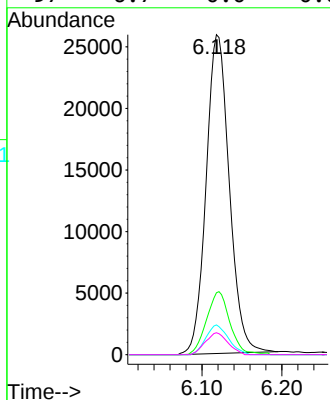
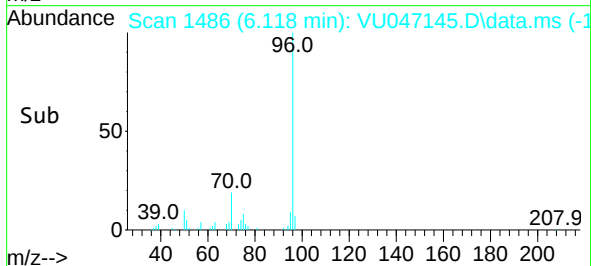
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



Tgt Ion: 96 Resp: 5217
Ion Ratio Lower Upper
96 100
70 20.0 16.8 25.2
95 9.1 7.3 10.9
97 6.7 0.0 0.0#

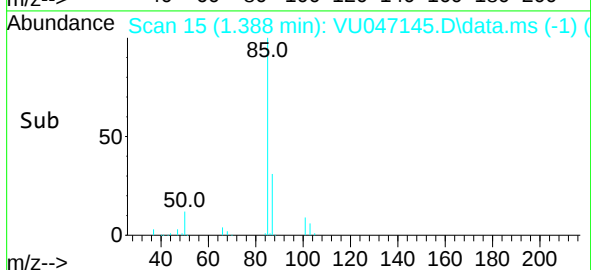
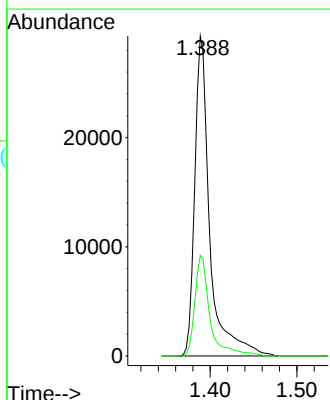
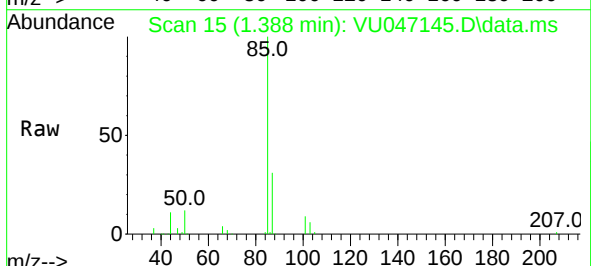
Manual Integrations
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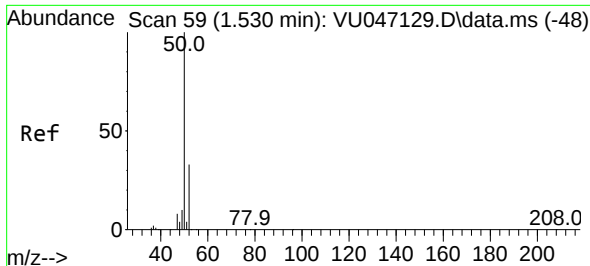
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#2
Dichlorodifluoromethane
Concen: 2.026 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

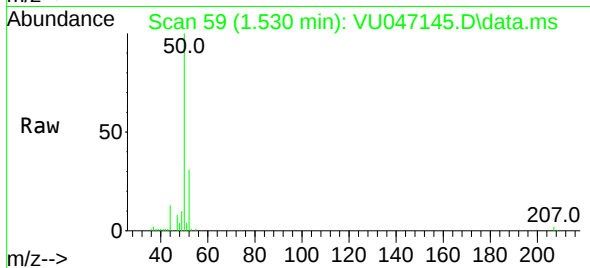
Tgt Ion: 85 Resp: 35237
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.6





#3
Chloromethane
Concen: 2.078 ug/l
RT: 1.530 min Scan# 59
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

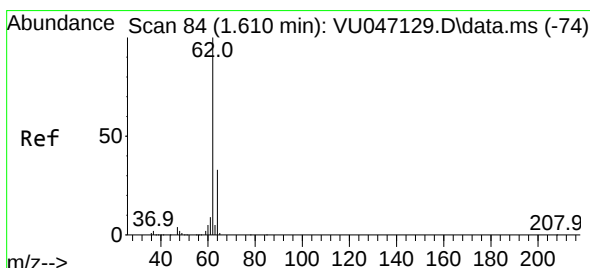
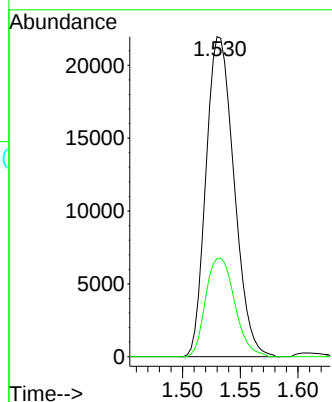
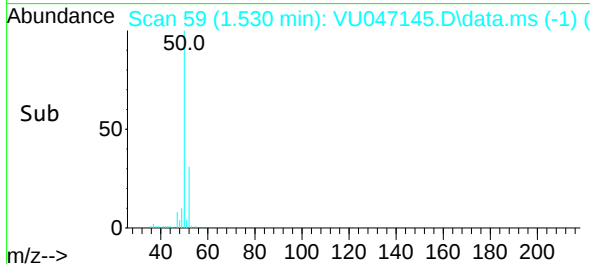
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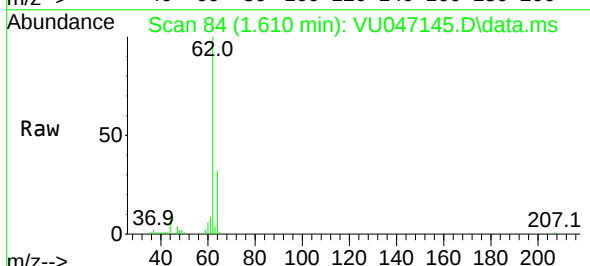
Tgt Ion: 50 Resp: 3712
Ion Ratio Lower Upper
50 100
52 30.6 26.2 39.4

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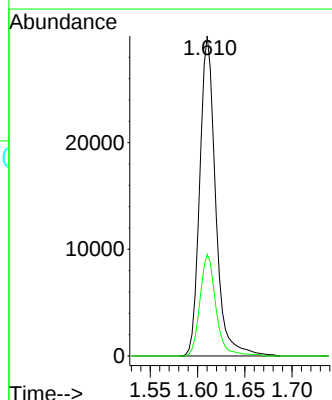
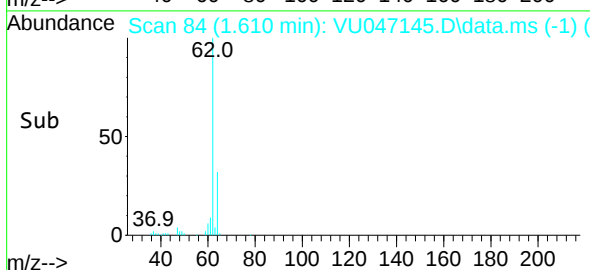
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

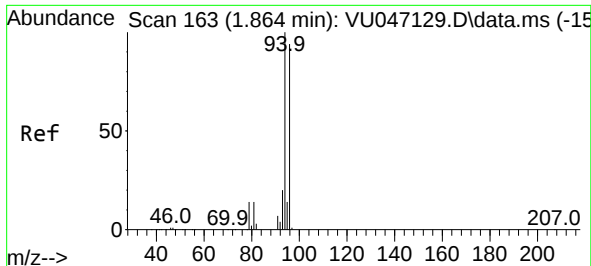


#4
Vinyl Chloride
Concen: 1.985 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



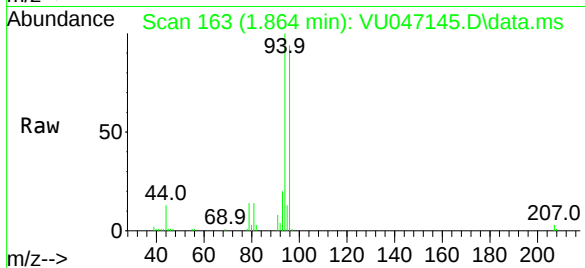
Tgt Ion: 62 Resp: 35017
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5
Bromomethane
Concen: 2.025 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

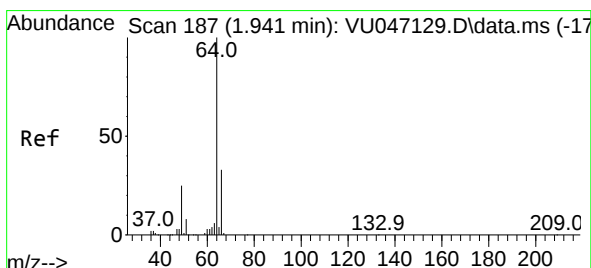
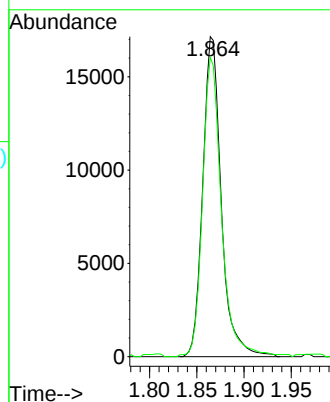
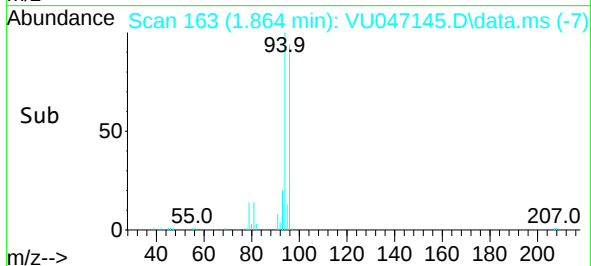
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2333
Ion Ratio Lower Upper
94 100
96 92.9 75.0 112.4

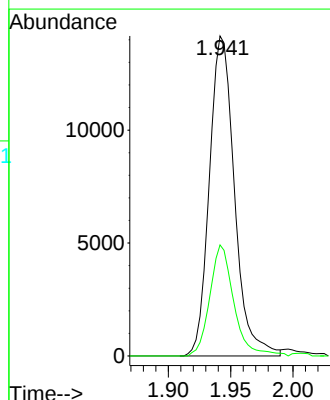
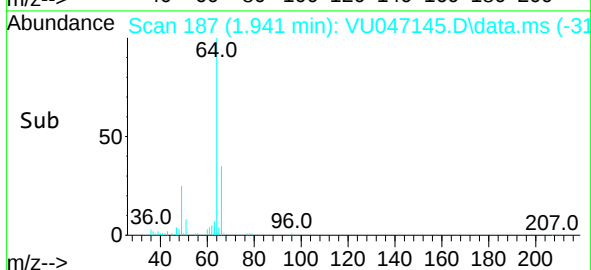
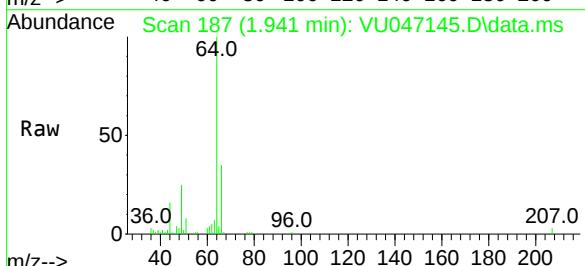
Manual Integrations
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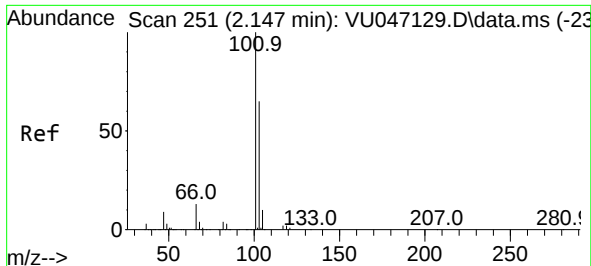
Reviewed By :John Carlone 02/18/2022
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#6
Chloroethane
Concen: 1.965 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047145.D
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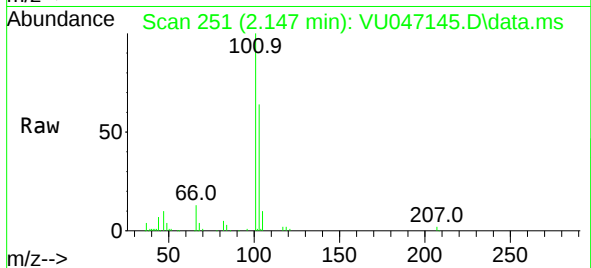
Tgt Ion: 64 Resp: 19910
Ion Ratio Lower Upper
64 100
66 34.7 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 2.055 ug/l
 RT: 2.147 min Scan# 251
 Delta R.T. 0.000 min
 Lab File: VU047145.D
 Acq: 15 Feb 2022 11:26

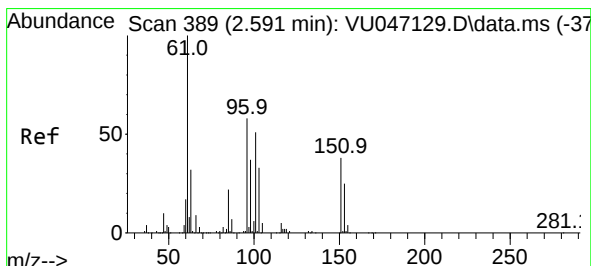
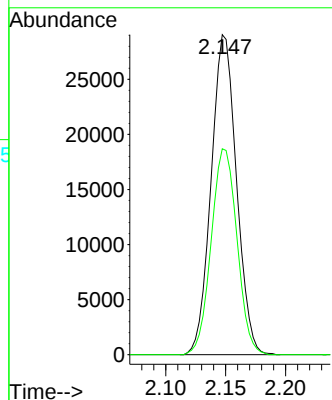
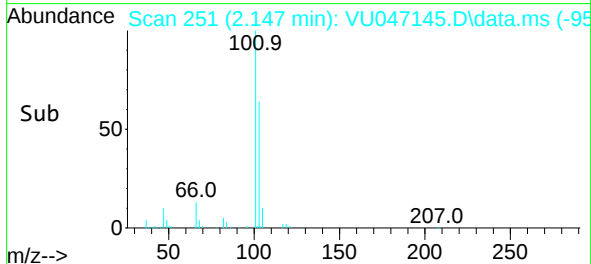
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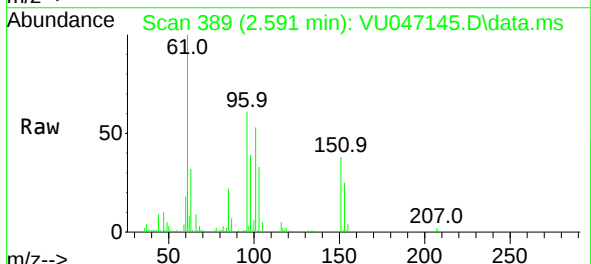
Tgt Ion:101 Resp: 42719
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.2

Manual Integrations
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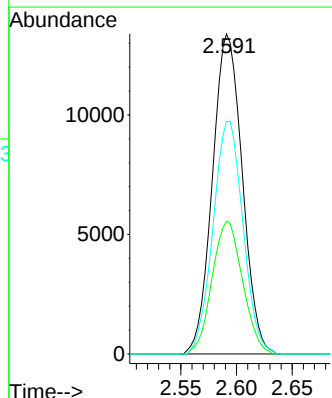
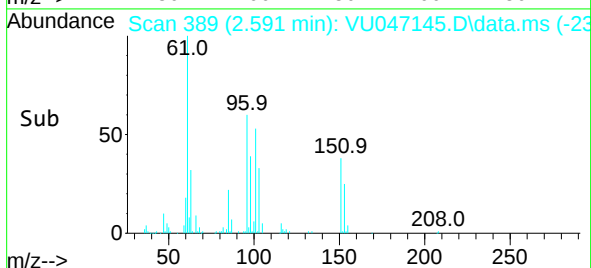
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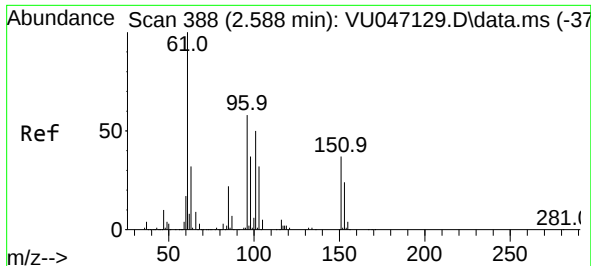


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.080 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047145.D
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Tgt Ion:101 Resp: 24930
 Ion Ratio Lower Upper
 101 100
 85 42.3 35.8 53.6
 151 73.2 54.6 81.8





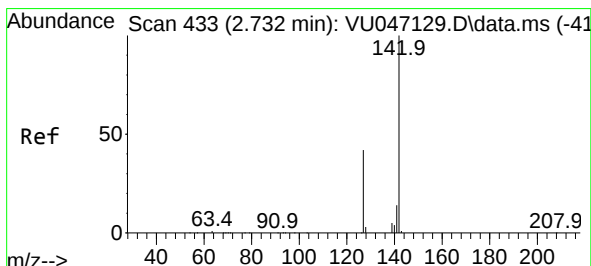
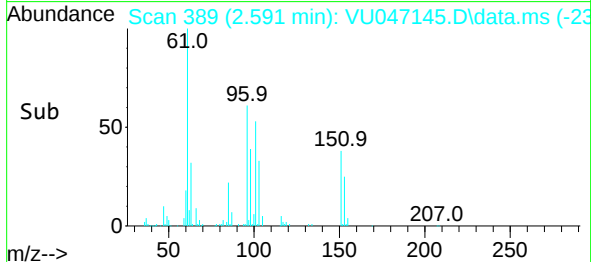
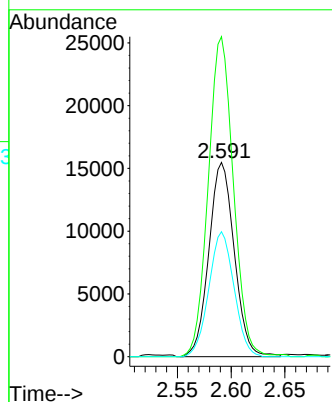
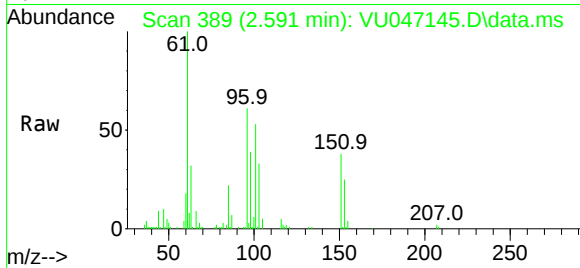
#9
1,1-Dichloroethene
Concen: 2.066 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01

Tgt Ion: 96 Resp: 25484
Ion Ratio Lower Upper
96 100
61 164.8 0.0 514.2
98 64.3 0.0 126.4

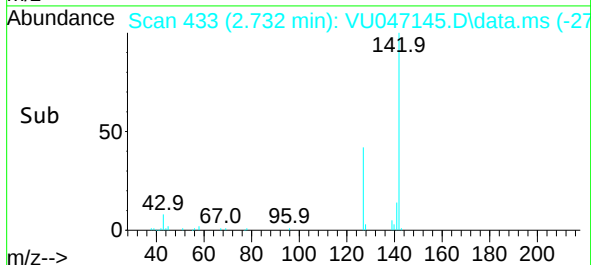
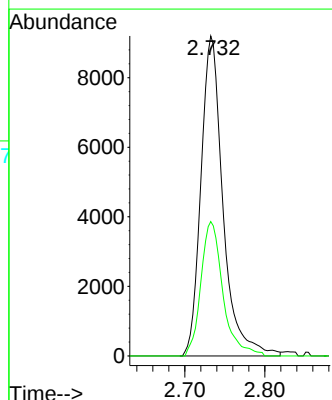
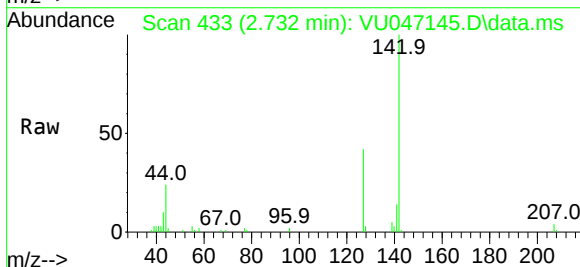
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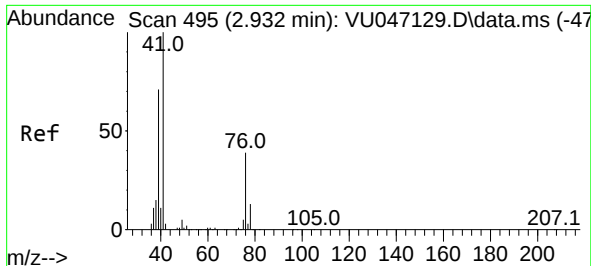
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#10
Iodomethane
Concen: 1.996 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

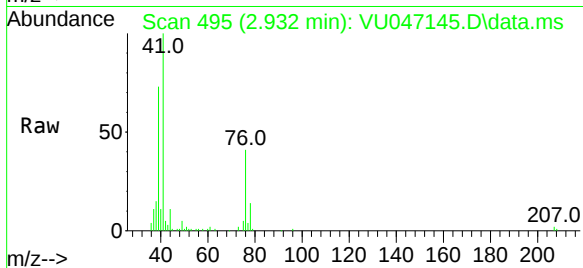
Tgt Ion:142 Resp: 17681
Ion Ratio Lower Upper
142 100
127 41.9 33.2 49.8





#11
 Allyl Chloride
 Concen: 2.003 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: VU047145.D
 Acq: 15 Feb 2022 11:26

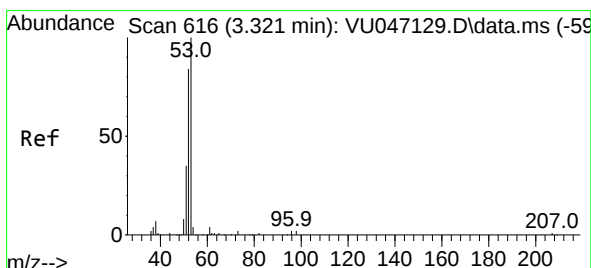
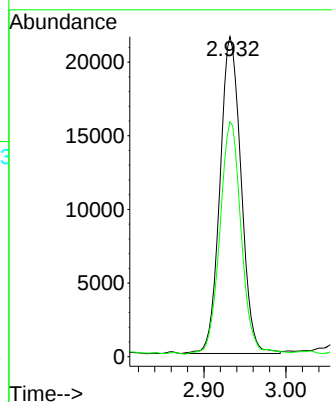
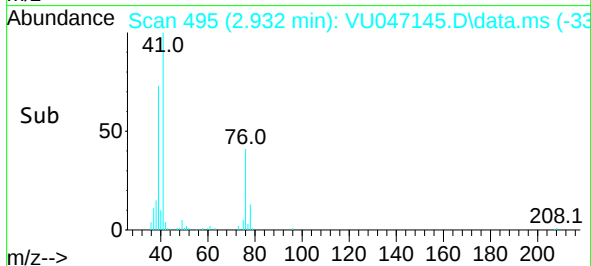
Instrument :
 MSVOA_U
 Client Sample Id :
 VU0215WBS01



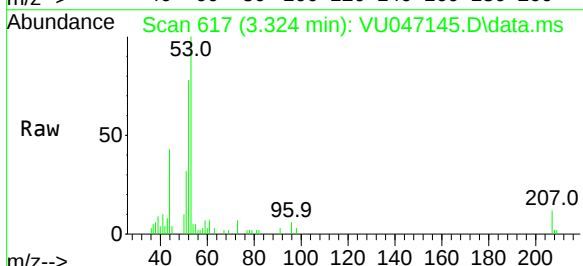
Tgt Ion: 41 Resp: 3851
 Ion Ratio Lower Upper
 41 100
 39 74.0 62.4 93.6

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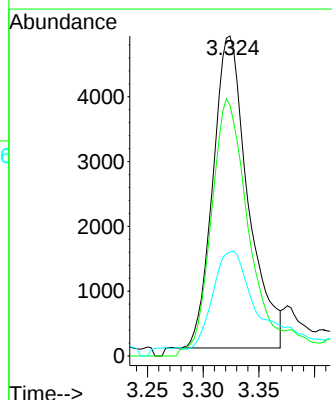
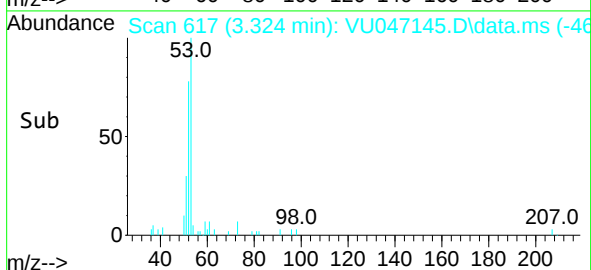
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/18/2022

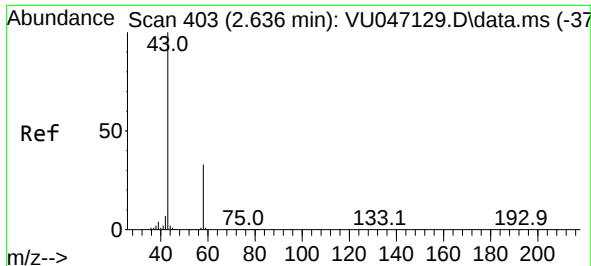


#12
 Acrylonitrile
 Concen: 2.913 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VU047145.D
 Acq: 15 Feb 2022 11:26



Tgt Ion: 53 Resp: 10543
 Ion Ratio Lower Upper
 53 100
 52 86.8 56.7 85.1#
 51 42.9 30.3 45.5





#13

Acetone

Concen: 9.237 ug/l

RT: 2.636 min Scan# 403

Delta R.T. -0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

Tgt Ion: 43 Resp: 16640

Ion Ratio Lower Upper

43 100

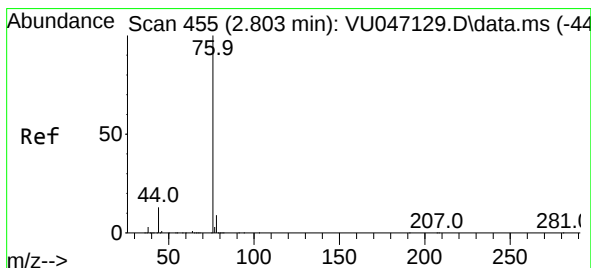
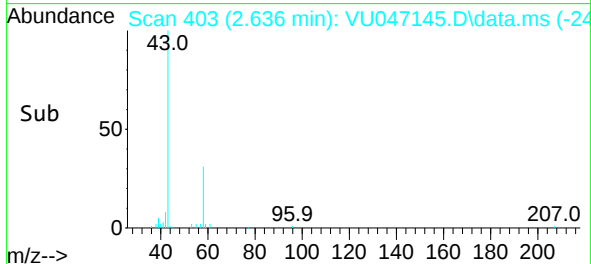
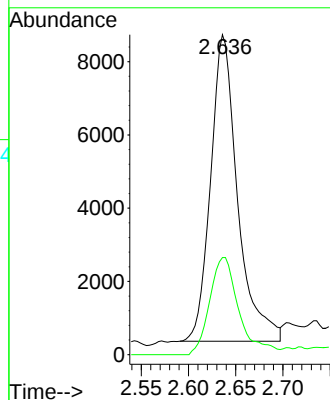
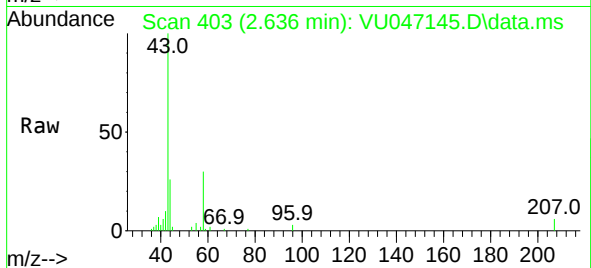
58 31.7 27.1 40.7

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#14

Carbon Disulfide

Concen: 2.053 ug/l

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU047145.D

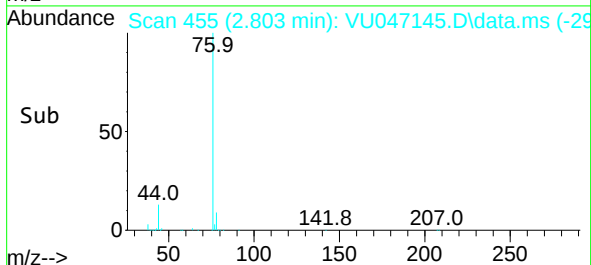
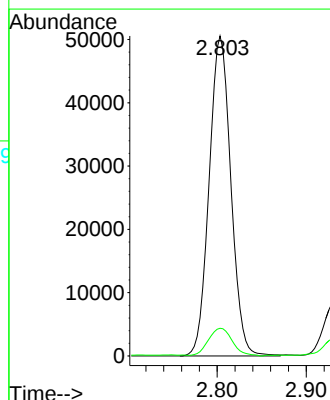
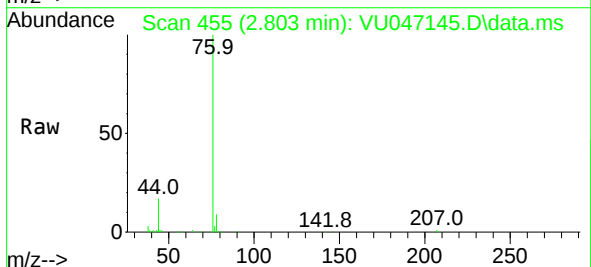
Acq: 15 Feb 2022 11:26

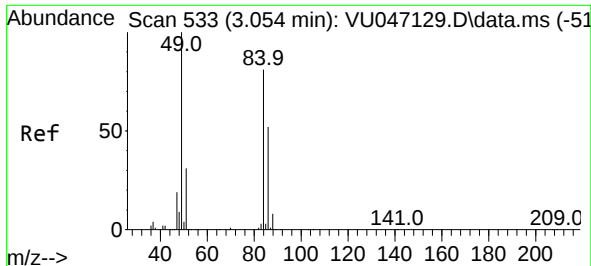
Tgt Ion: 76 Resp: 85634

Ion Ratio Lower Upper

76 100

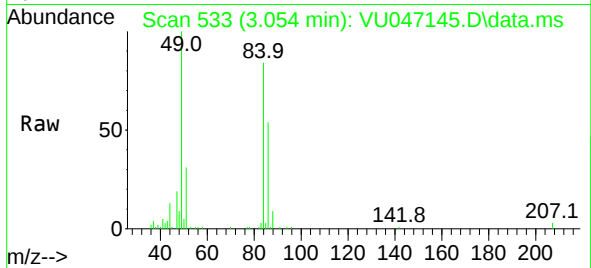
78 8.4 7.1 10.7





#15
Methylene Chloride
Concen: 2.057 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

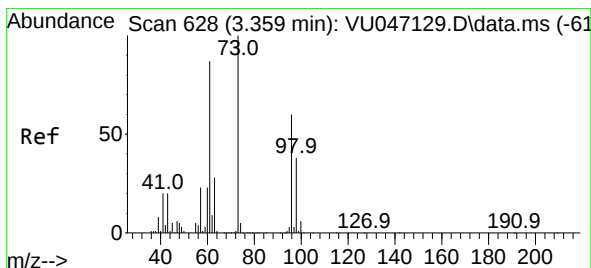
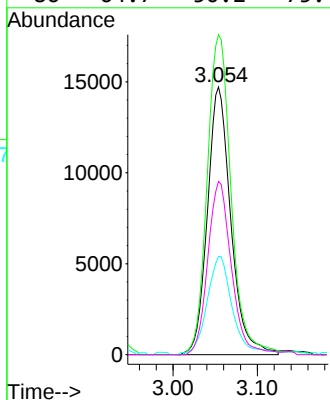
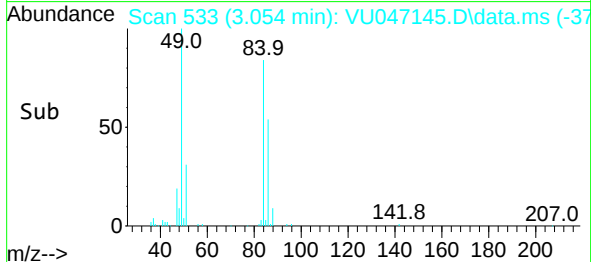
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



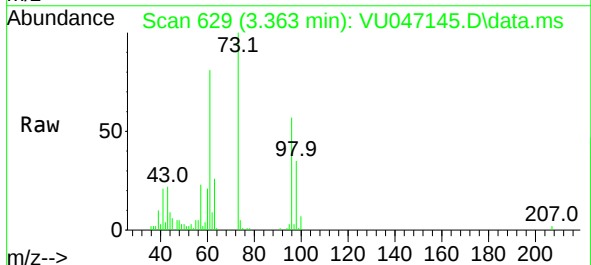
Tgt Ion: 84 Resp: 28480
Ion Ratio Lower Upper
84 100
49 119.5 97.2 145.8
51 36.7 0.0 73.4
86 64.7 50.2 75.4

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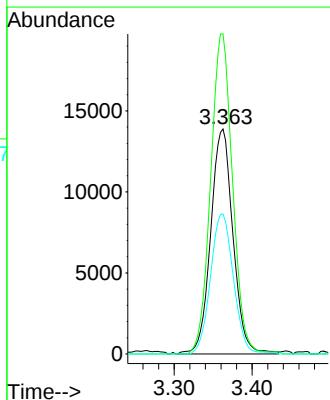
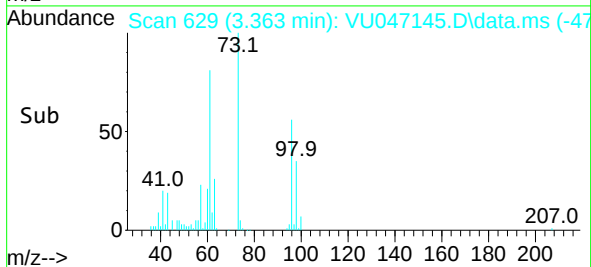
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

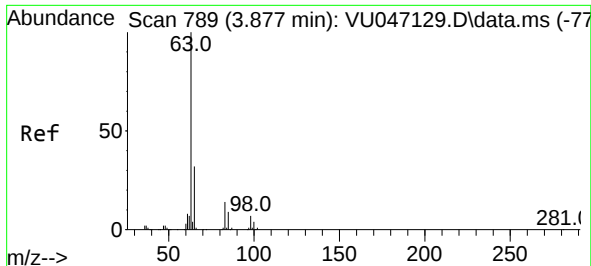


#16
trans-1,2-Dichloroethene
Concen: 2.126 ug/l
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



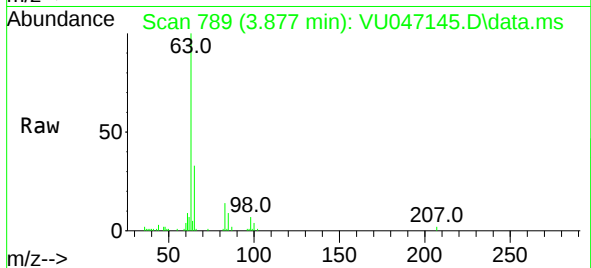
Tgt Ion: 96 Resp: 27674
Ion Ratio Lower Upper
96 100
61 142.2 115.8 173.6
98 62.2 51.1 76.7





#17
1,1-Dichloroethane
Concen: 1.988 ug/l
RT: 3.877 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

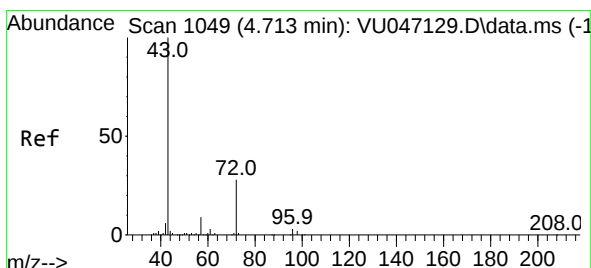
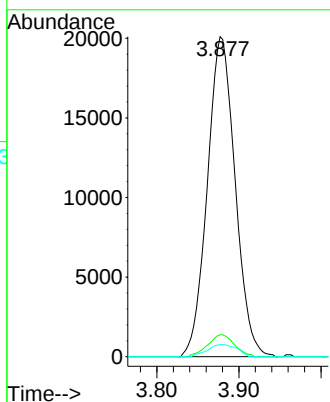
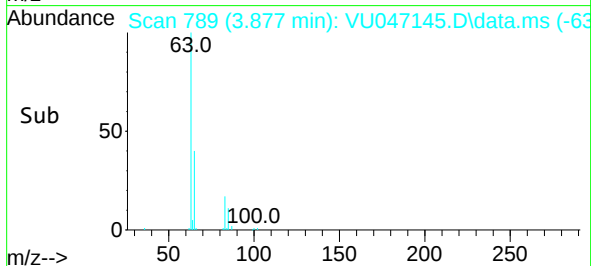
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



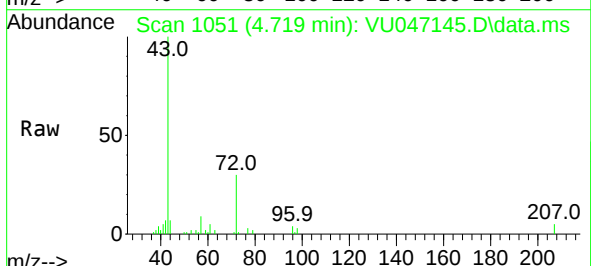
Tgt Ion: 63 Resp: 4740
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 3.8 2.1 6.5

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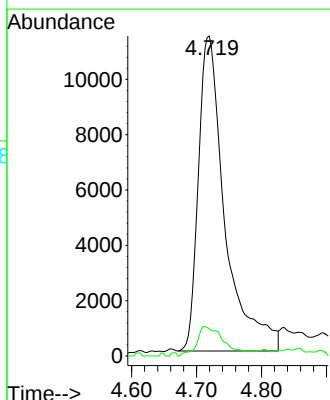
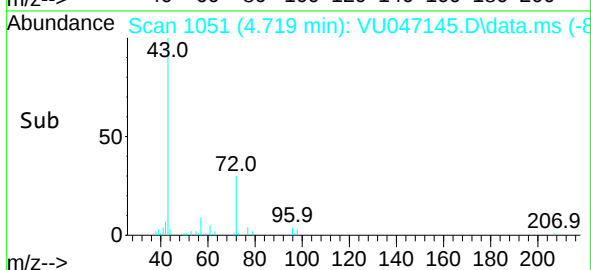
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

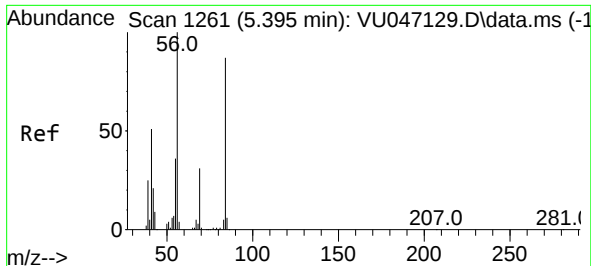


#18
2-Butanone
Concen: 8.914 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



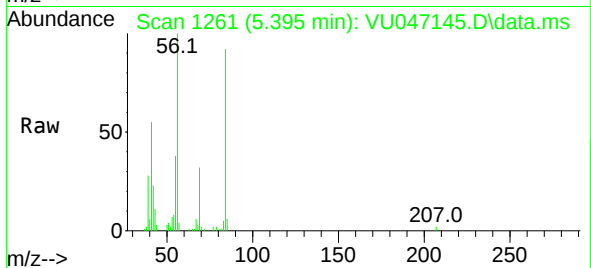
Tgt Ion: 43 Resp: 32507
Ion Ratio Lower Upper
43 100
57 8.6 0.0 16.6





#19
Cyclohexane
Concen: 2.003 ug/l m
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

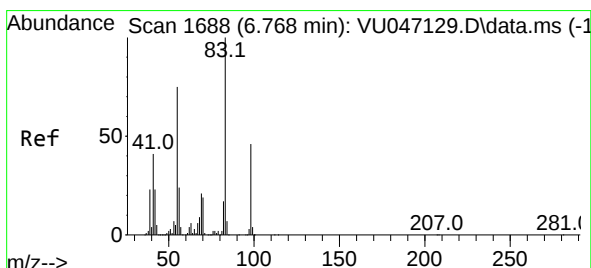
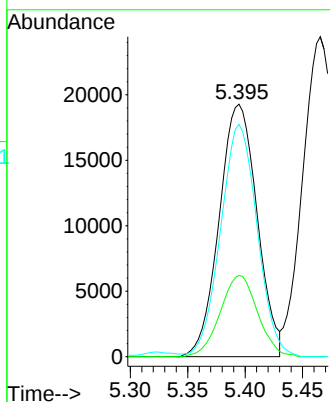
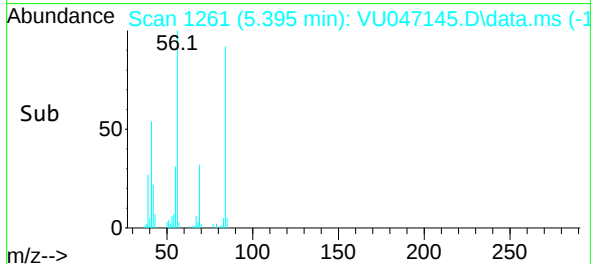
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



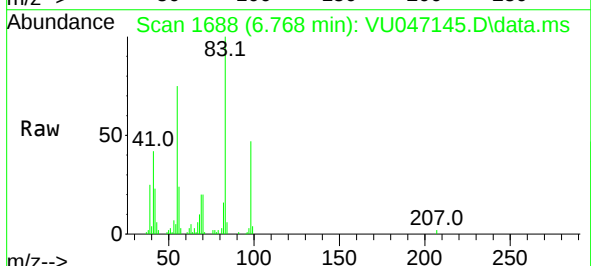
Tgt Ion: 56 Resp: 4425
Ion Ratio Lower Upper
56 100
69 31.8 24.7 37.1
84 87.6 68.8 103.2

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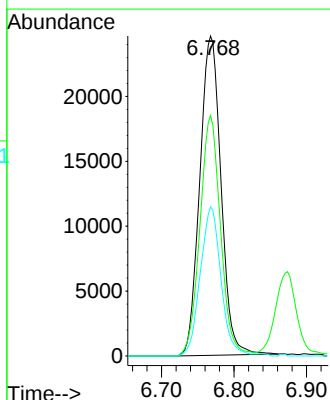
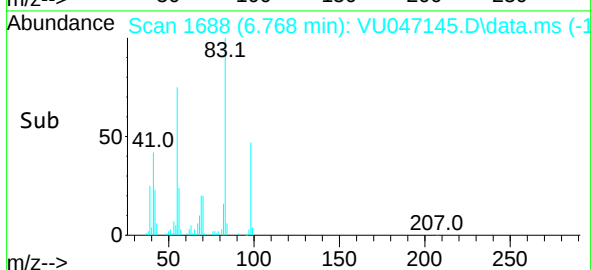
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

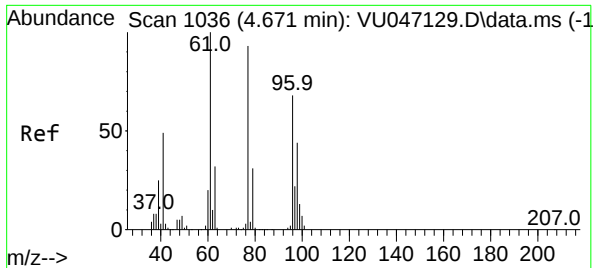


#20
Methylcyclohexane
Concen: 2.053 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



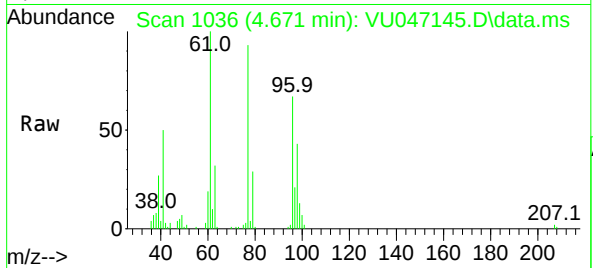
Tgt Ion: 83 Resp: 49996
Ion Ratio Lower Upper
83 100
55 71.7 61.9 92.9
98 44.6 37.4 56.2





#21
2,2-Dichloropropane
Concen: 1.997 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

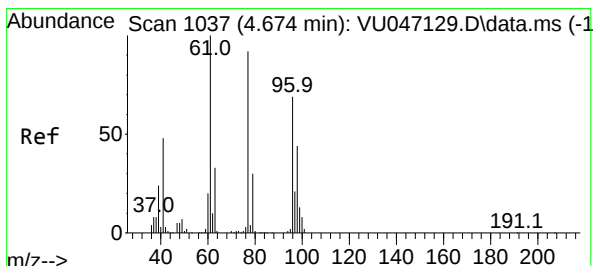
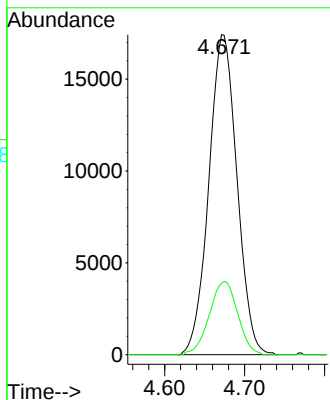
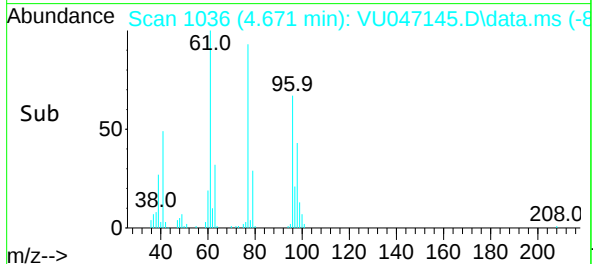
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



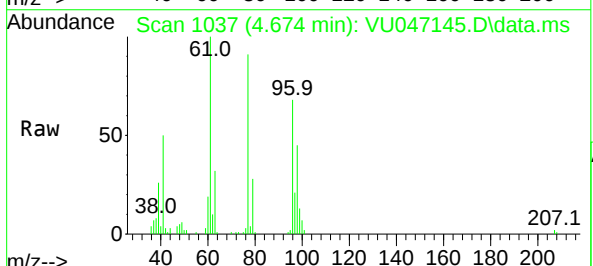
Tgt Ion: 77 Resp: 4256
Ion Ratio Lower Upper
77 100
97 23.1 17.2 25.8

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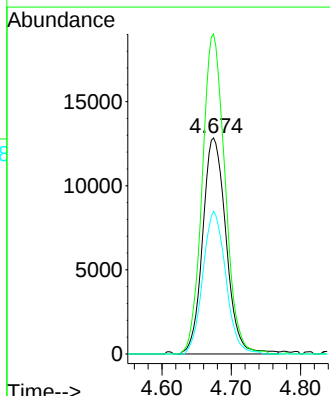
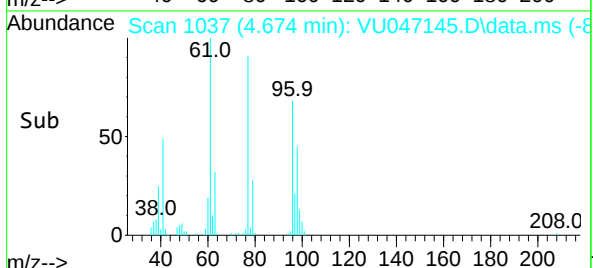
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

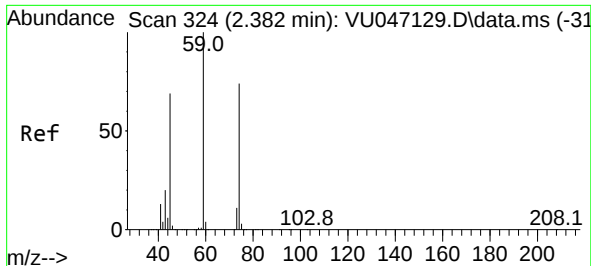


#22
cis-1,2-Dichloroethene
Concen: 2.012 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



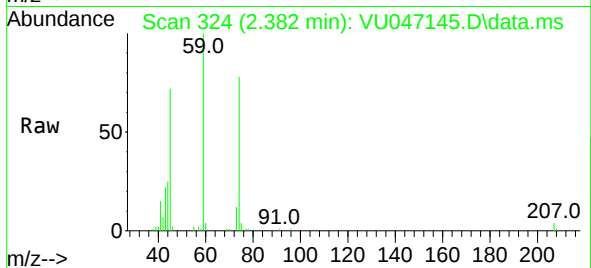
Tgt Ion: 96 Resp: 30115
Ion Ratio Lower Upper
96 100
61 144.3 0.0 385.3
98 64.7 32.1 96.3





#23
Diethyl Ether
Concen: 1.928 ug/l
RT: 2.382 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

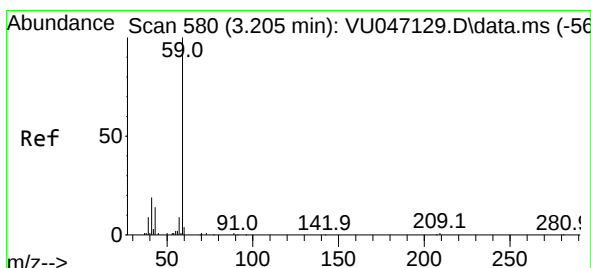
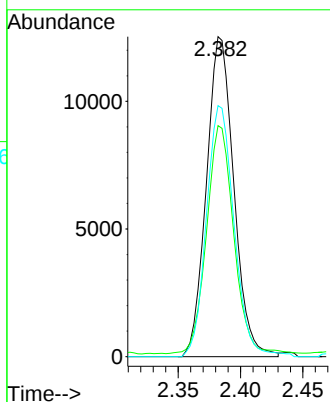
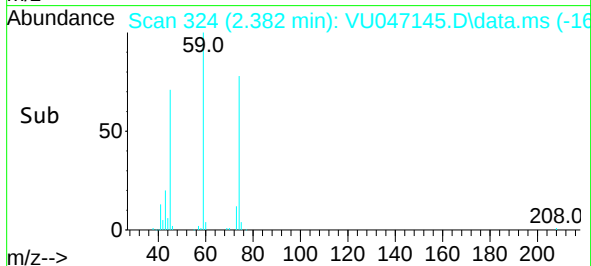
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



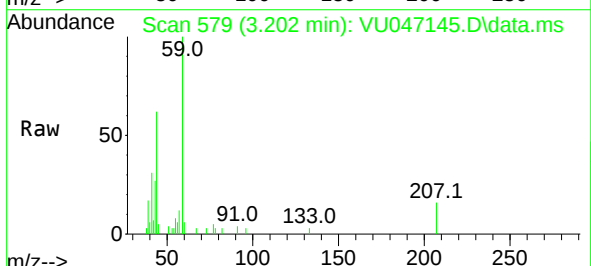
Tgt Ion: 59 Resp: 1922
Ion Ratio Lower Upper
59 100
45 70.4 55.6 83.4
74 79.0 58.1 87.1

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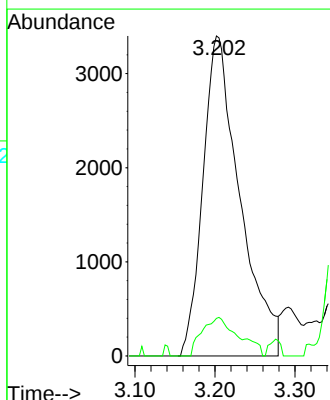
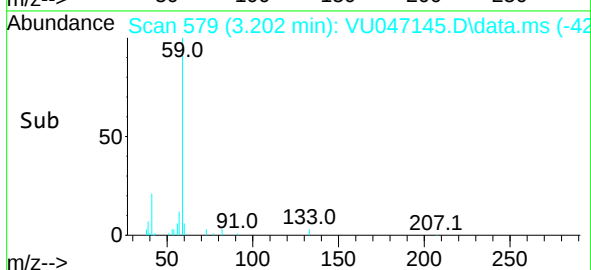
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

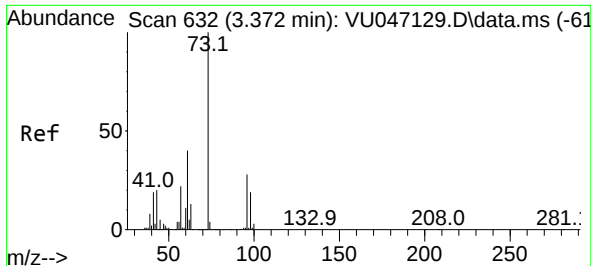


#24
tert-Butyl Alcohol
Concen: 16.834 ug/l
RT: 3.202 min Scan# 579
Delta R.T. -0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



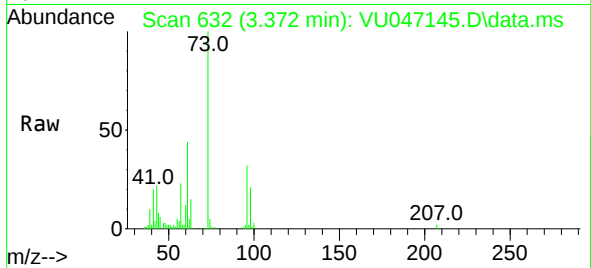
Tgt Ion: 59 Resp: 10912
Ion Ratio Lower Upper
59 100
57 11.9 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.999 ug/l
RT: 3.372 min Scan# 612
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

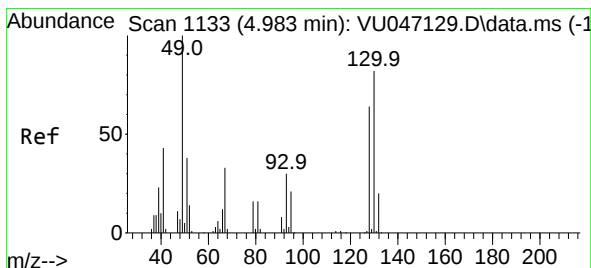
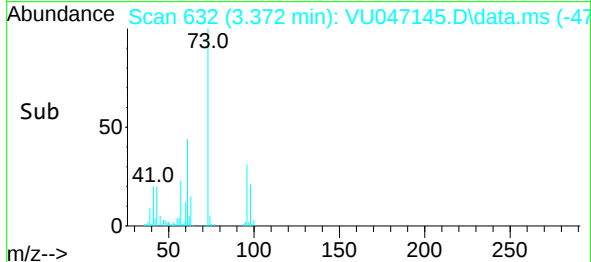
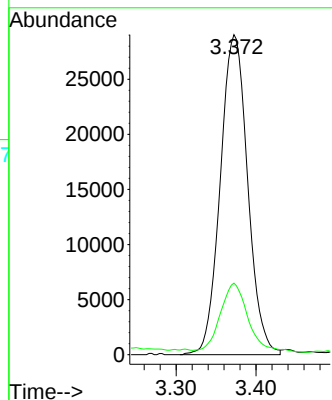
Instrument :
MSVOA_U
Client Sample Id :
VU0215WBS01



Tgt Ion: 73 Resp: 6912
Ion Ratio Lower Upper
73 100
43 22.0 16.3 24.5

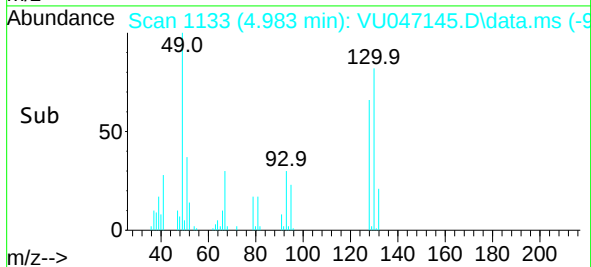
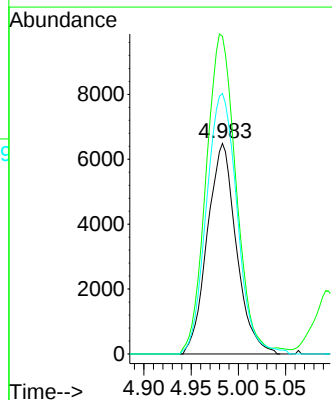
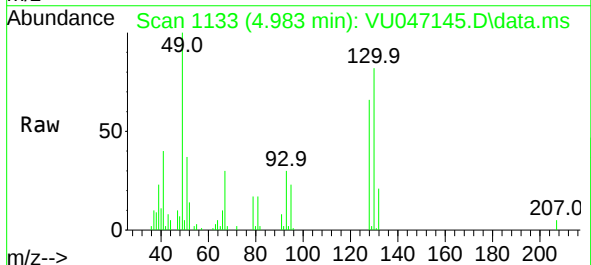
Manual Integrations
APPROVED

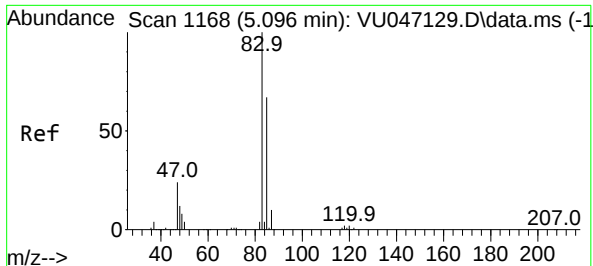
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#26
Bromochloromethane
Concen: 2.056 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

Tgt Ion:128 Resp: 13840
Ion Ratio Lower Upper
128 100
49 157.7 0.0 347.4
130 131.5 101.5 152.3





#27

Chloroform

Concen: 2.048 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

Tgt Ion: 83 Resp: 49554

Ion Ratio Lower Upper

83 100

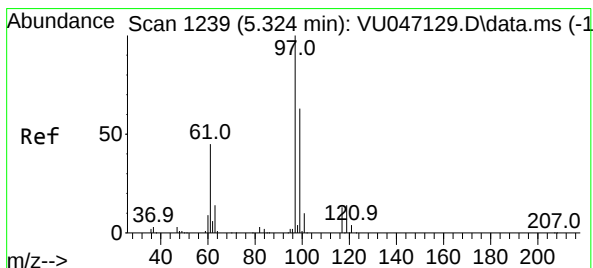
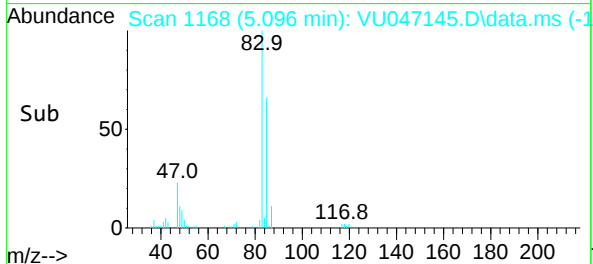
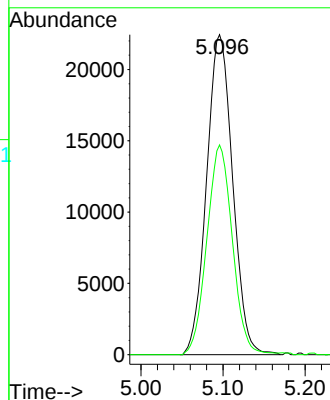
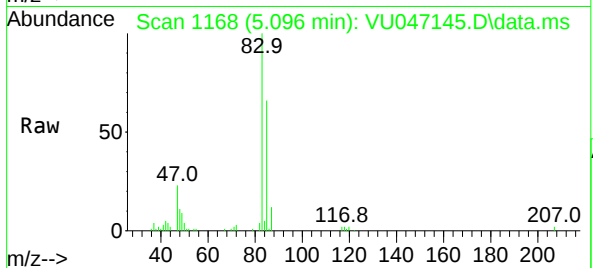
85 65.6 0.0 129.2

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#28

1,1,1-Trichloroethane

Concen: 1.987 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

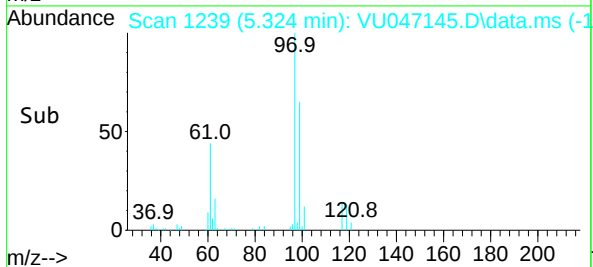
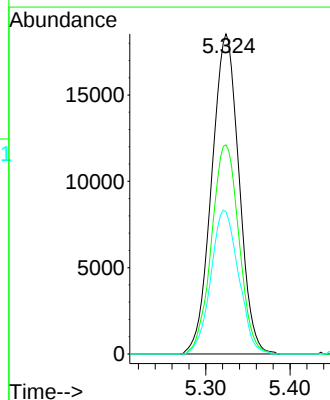
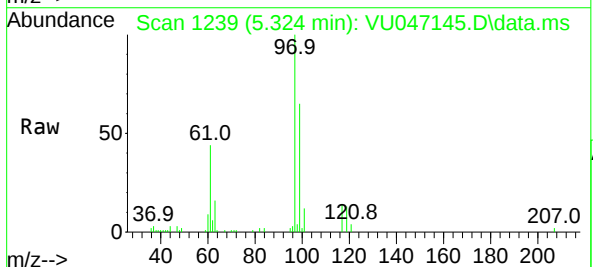
Tgt Ion: 97 Resp: 41630

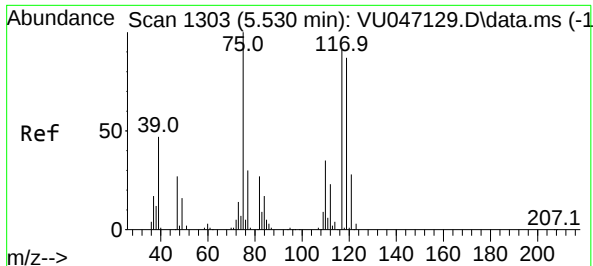
Ion Ratio Lower Upper

97 100

99 65.7 32.2 96.6

61 45.6 24.5 73.5





#29

1,1-Dichloropropene

Concen: 2.022 ug/l

RT: 5.533 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

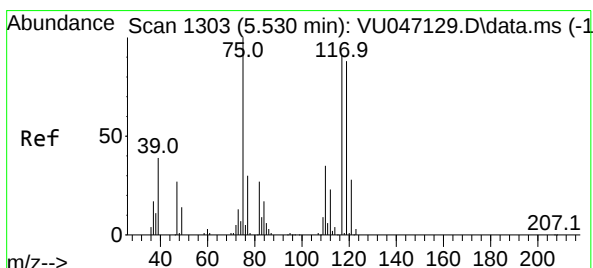
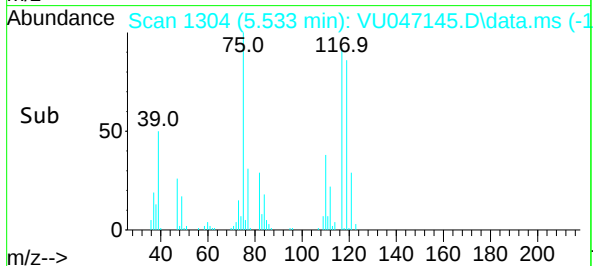
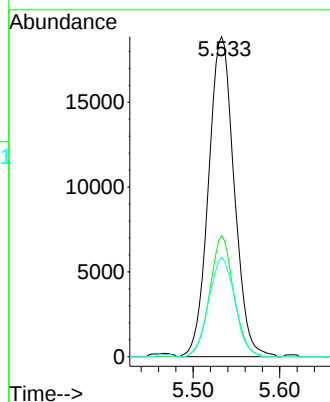
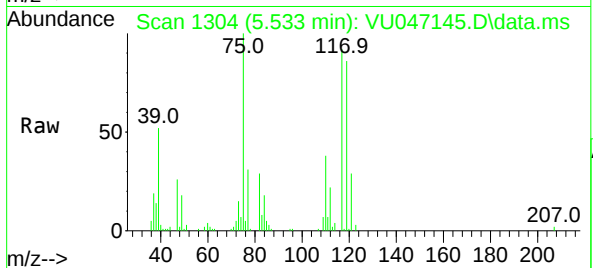
Tgt Ion:	75	Resp:	38780
Ion Ratio	Lower	Upper	
75	100		
110	35.2	16.8	50.3
77	31.6	24.7	37.1

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#30

Carbon Tetrachloride

Concen: 2.057 ug/l

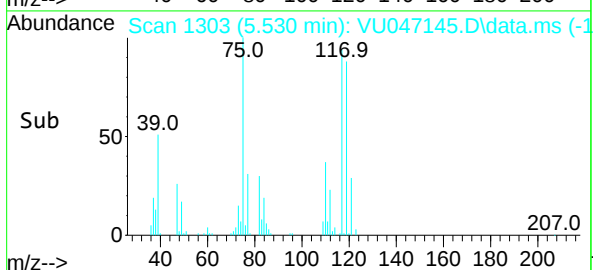
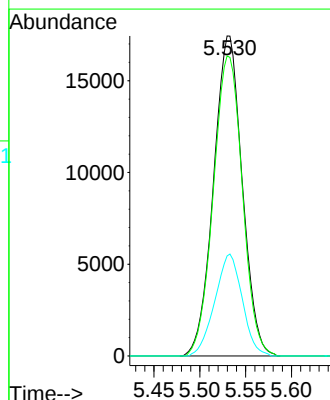
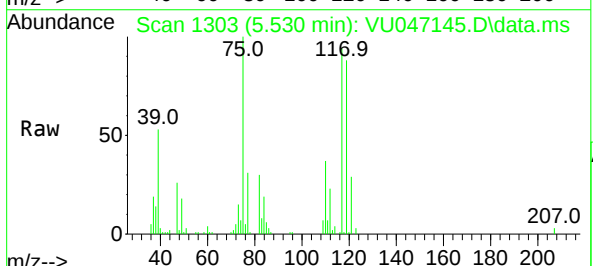
RT: 5.530 min Scan# 1303

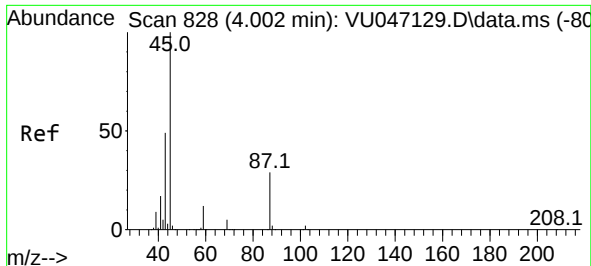
Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

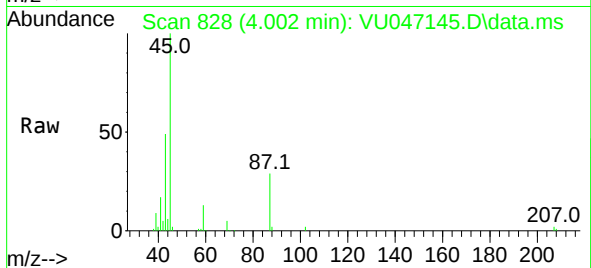
Tgt Ion:	117	Resp:	37879
Ion Ratio	Lower	Upper	
117	100		
119	93.7	76.8	115.2
121	31.2	24.6	37.0





#31
Isopropyl Ether
Concen: 1.947 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

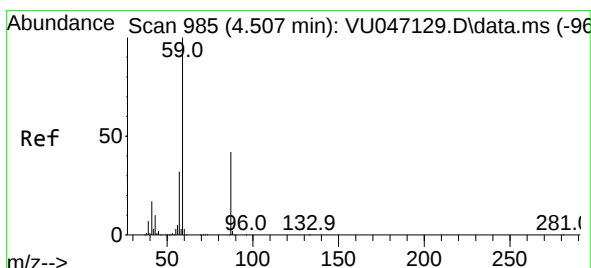
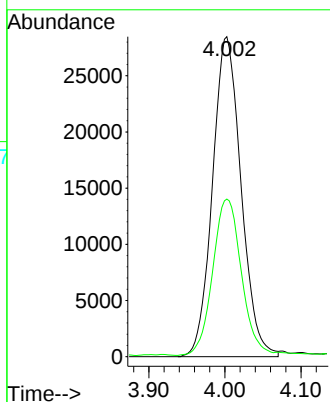
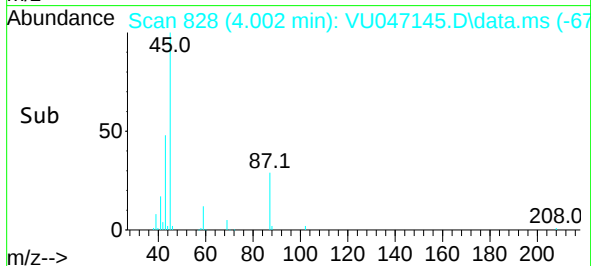
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



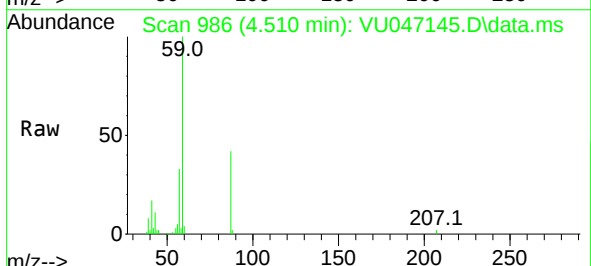
Tgt Ion: 45 Resp: 74244
Ion Ratio Lower Upper
45 100
43 49.0 25.3 75.8

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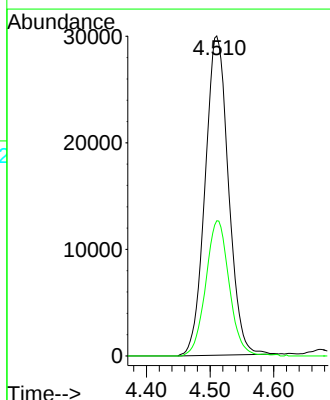
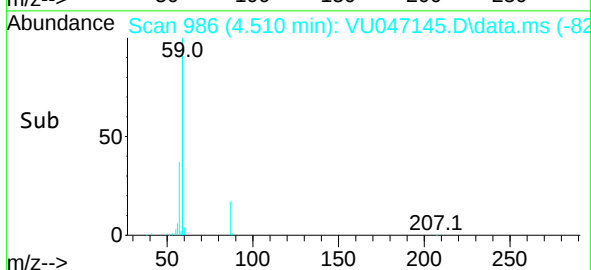
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

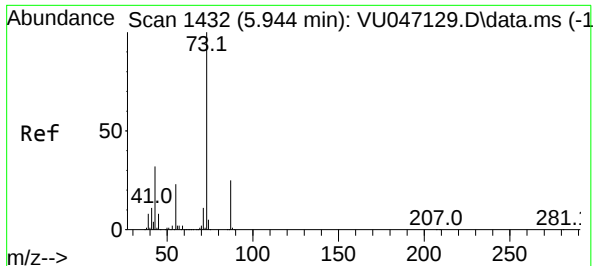


#32
Ethyl-t-butyl ether
Concen: 1.970 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



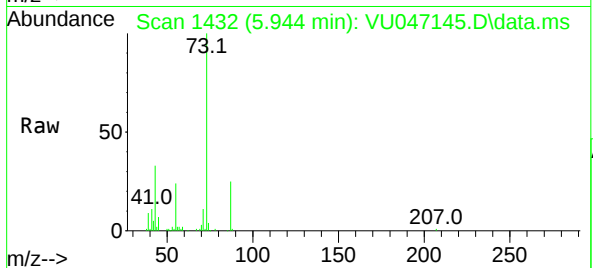
Tgt Ion: 59 Resp: 76368
Ion Ratio Lower Upper
59 100
87 41.8 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.945 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

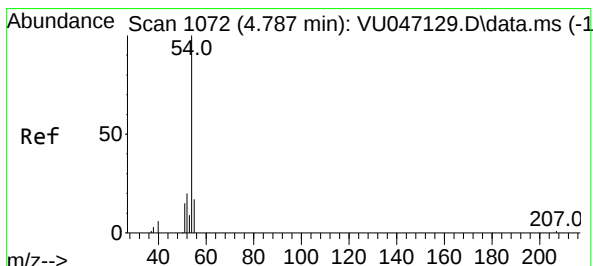
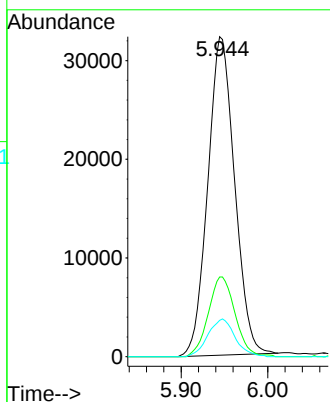
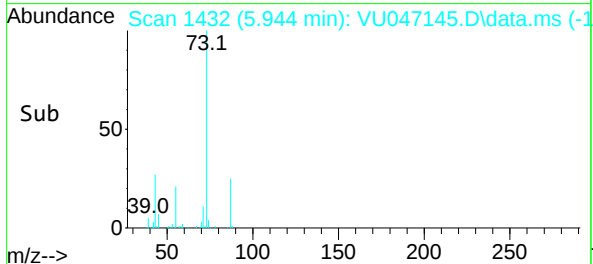
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



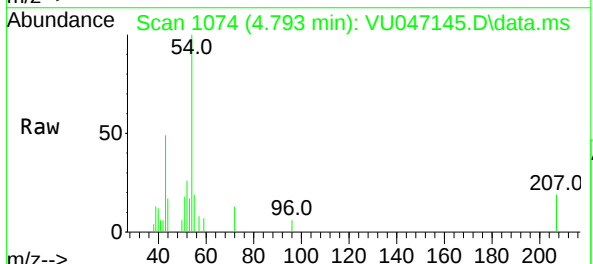
Tgt Ion: 73 Resp: 69462
Ion Ratio Lower Upper
73 100
87 25.0 18.6 28.0
71 12.0 9.0 13.6

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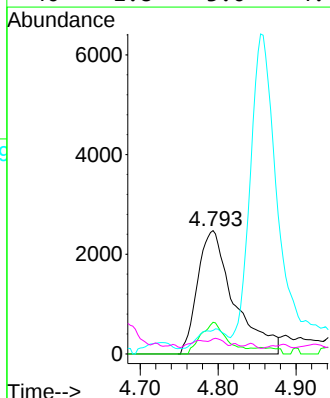
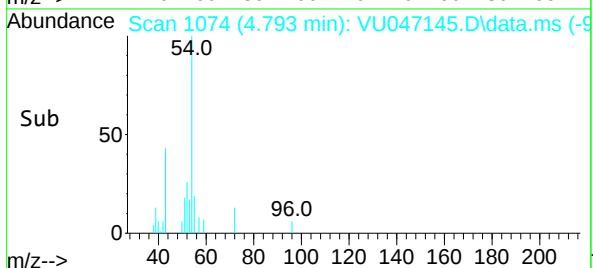
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

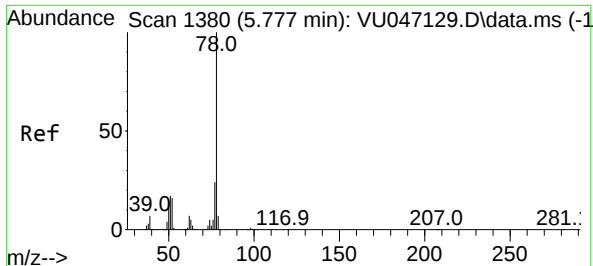


#34
Propionitrile
Concen: 8.866 ug/l
RT: 4.793 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



Tgt Ion: 54 Resp: 8057
Ion Ratio Lower Upper
54 100
52 18.2 11.9 17.9#
55 12.1 8.0 12.0#
40 1.8 3.0 4.4#





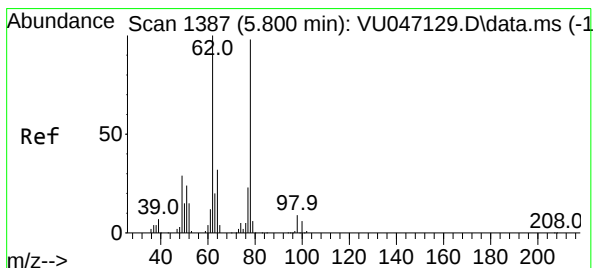
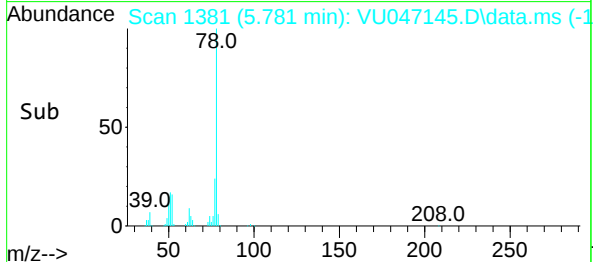
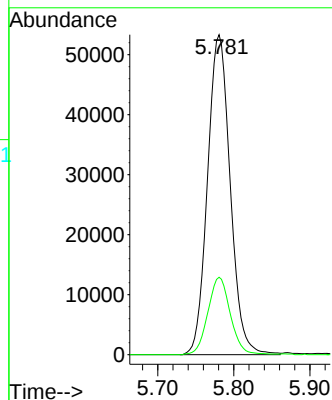
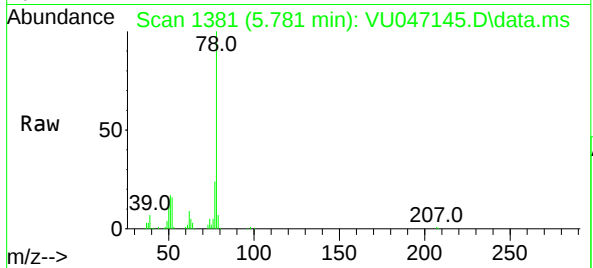
#35
Benzene
Concen: 2.059 ug/l
RT: 5.781 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01

Tgt Ion: 78 Resp: 11064
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

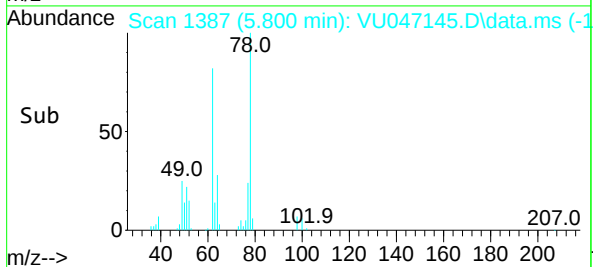
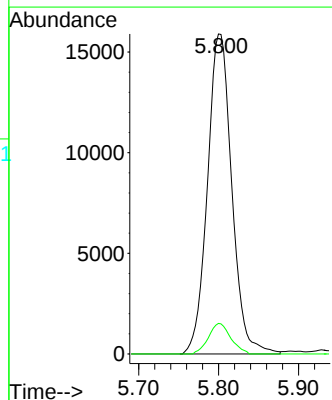
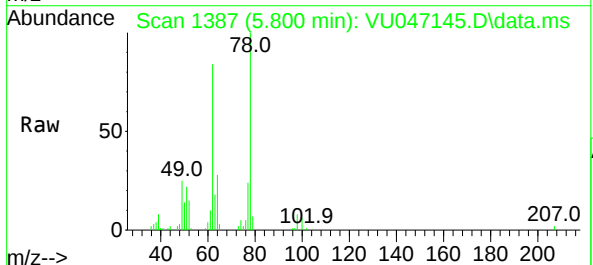
Manual Integrations
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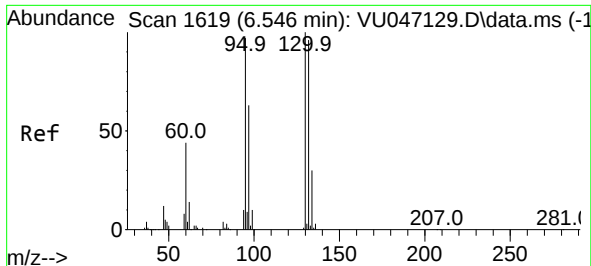
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#36
1,2-Dichloroethane
Concen: 2.072 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

Tgt Ion: 62 Resp: 33708
Ion Ratio Lower Upper
62 100
98 8.7 7.3 10.9





#37

Trichloroethene

Concen: 2.062 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

Tgt Ion:130 Resp: 3068

Ion Ratio Lower Upper

130 100

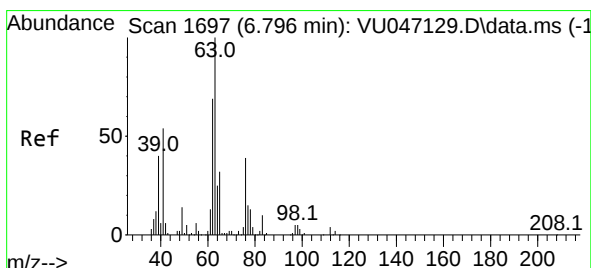
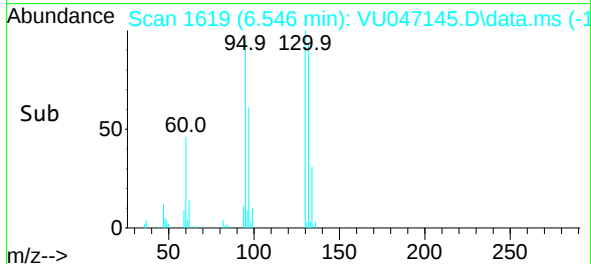
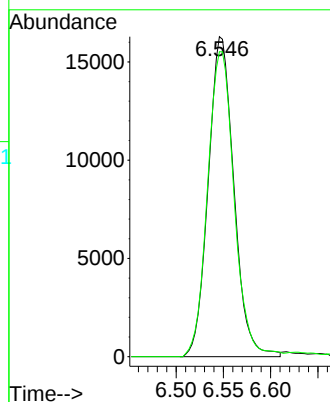
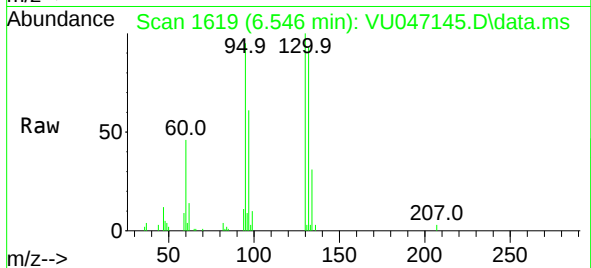
95 95.3 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#38

1,2-Dichloropropane

Concen: 2.008 ug/l

RT: 6.797 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VU047145.D

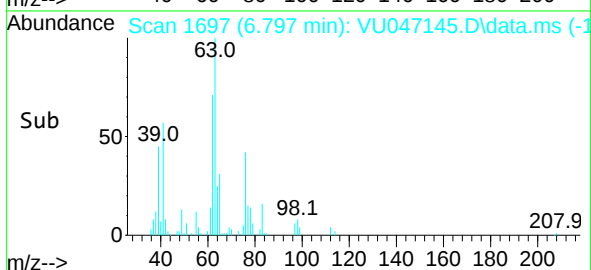
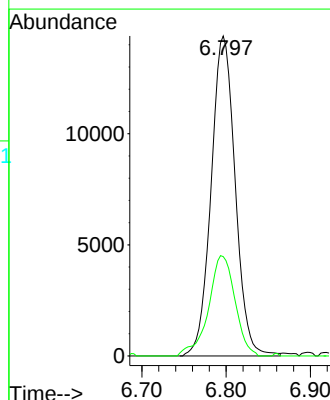
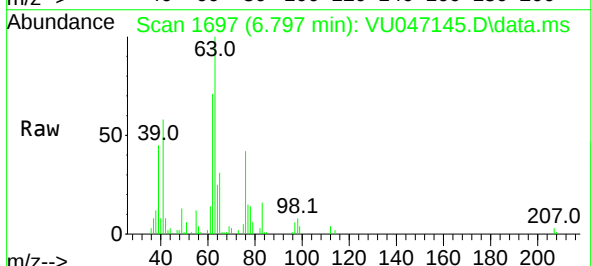
Acq: 15 Feb 2022 11:26

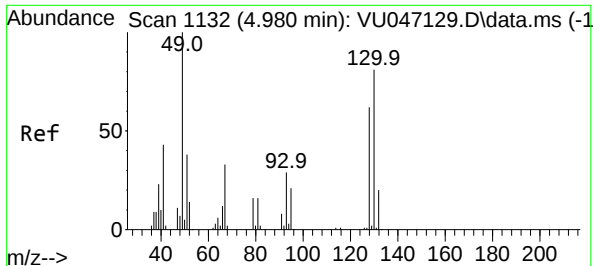
Tgt Ion: 63 Resp: 28559

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1





#39

Methacrylonitrile

Concen: 1.942 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047145.D

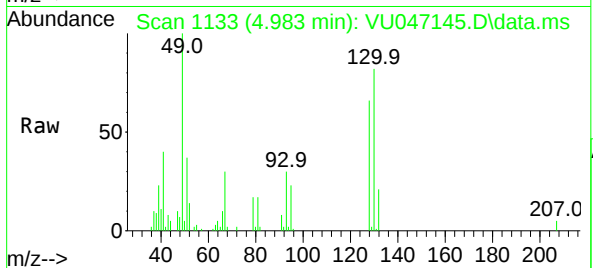
Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01



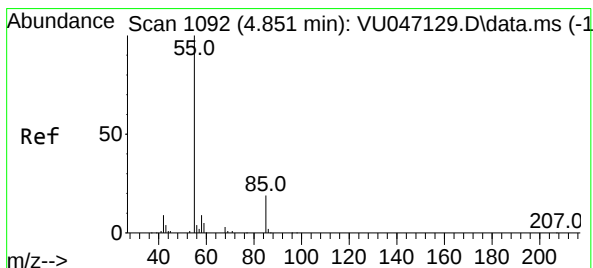
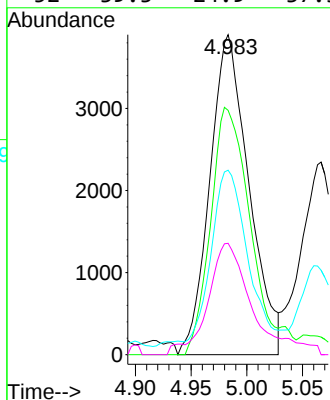
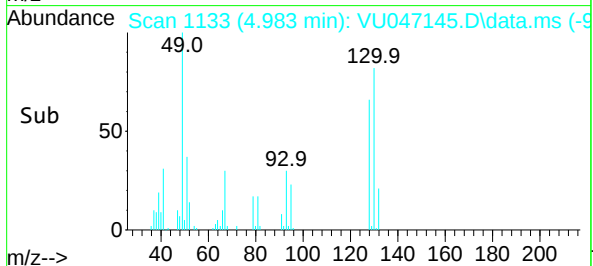
Tgt Ion:	41	Resp:	9519
Ion Ratio	Lower	Upper	
41	100		
67	76.7	65.2	97.8
39	52.3	43.0	64.6
52	39.3	24.9	37.3#

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#40

Methyl acrylate

Concen: 1.799 ug/l

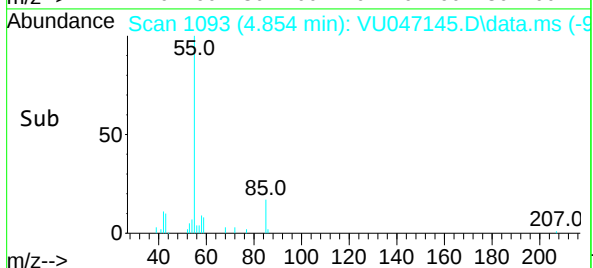
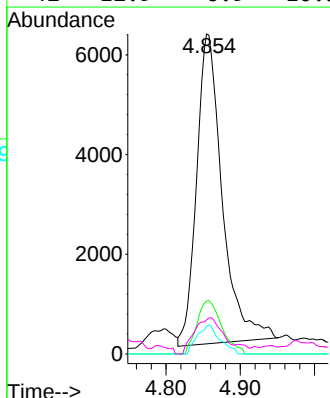
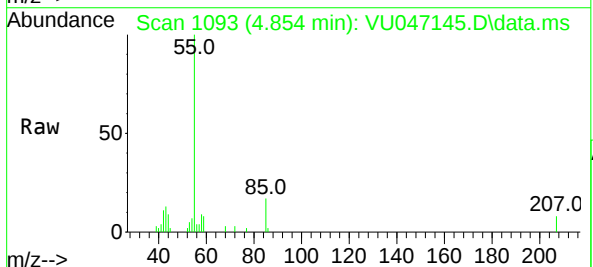
RT: 4.854 min Scan# 1093

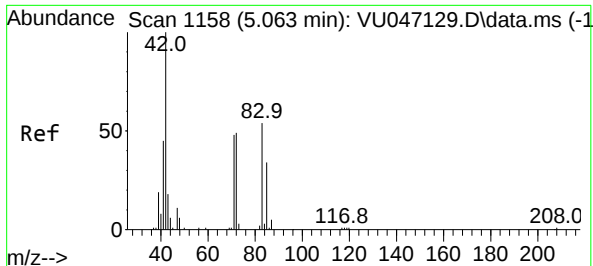
Delta R.T. 0.003 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Tgt Ion:	55	Resp:	14905
Ion Ratio	Lower	Upper	
55	100		
85	16.7	12.2	18.2
58	8.2	6.7	10.1
42	12.9	6.9	10.3#





#41

Tetrahydrofuran

Concen: 3.261 ug/l

RT: 5.067 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

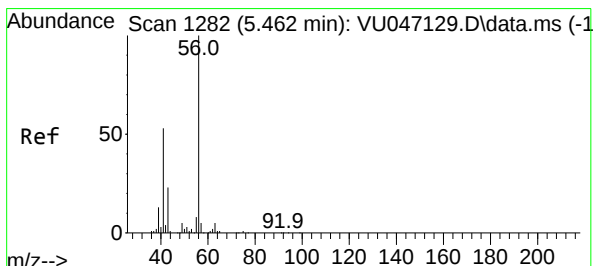
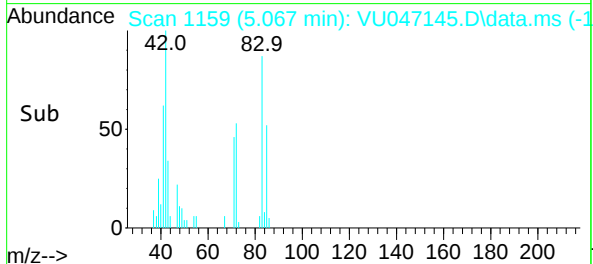
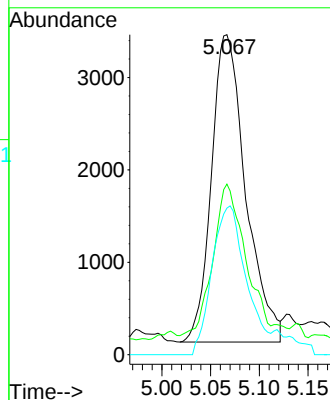
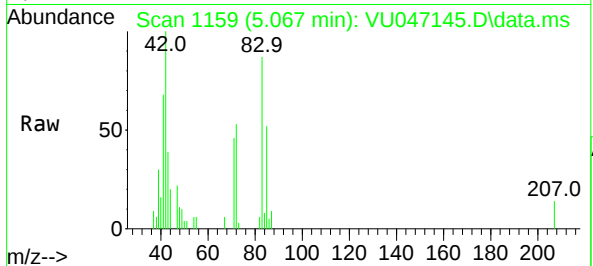
Tgt Ion:	42	Resp:	814
Ion Ratio	Lower	Upper	
42	100		
72	43.4	42.4	63.6
71	48.5	36.4	54.6

Manual Integrations

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Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#42

1-Chlorobutane

Concen: 1.953 ug/l

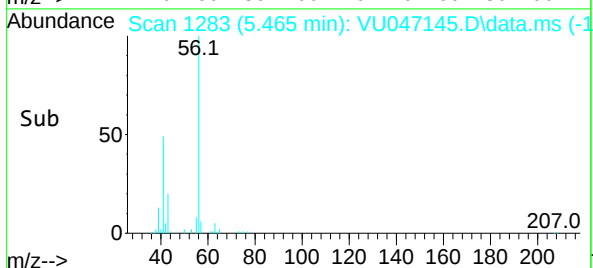
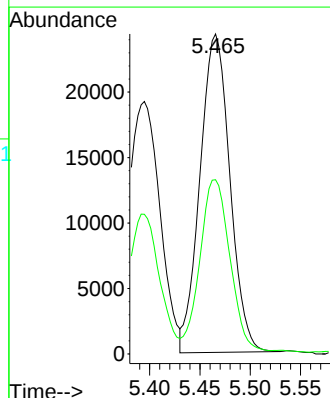
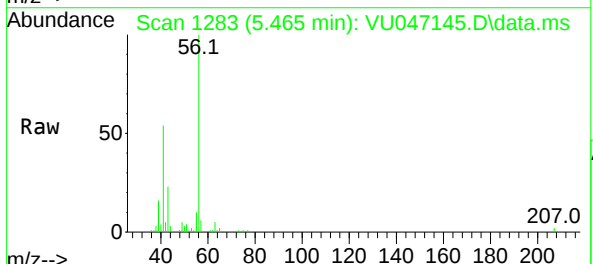
RT: 5.465 min Scan# 1283

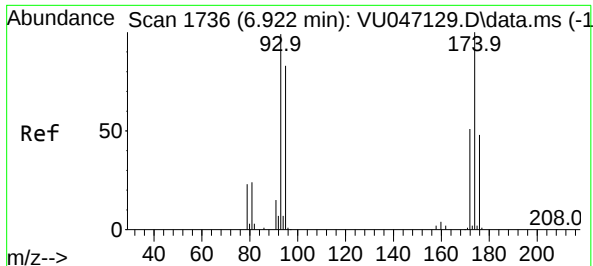
Delta R.T. 0.003 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

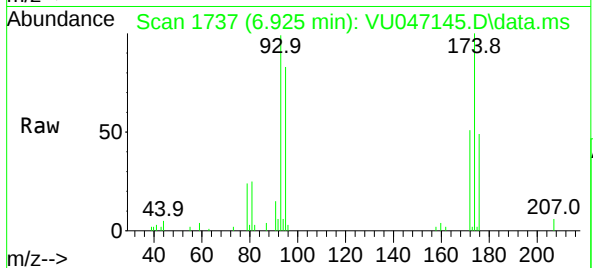
Tgt Ion:	56	Resp:	50299
Ion Ratio	Lower	Upper	
56	100		
41	53.3	26.0	78.0





#43
Dibromomethane
Concen: 1.987 ug/l
RT: 6.925 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

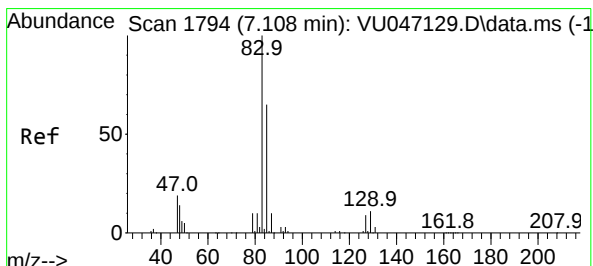
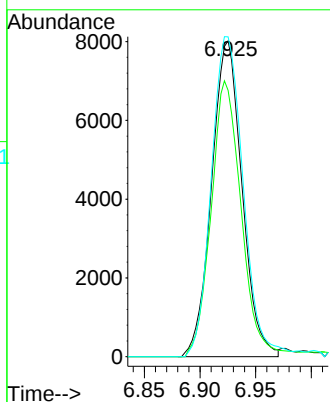
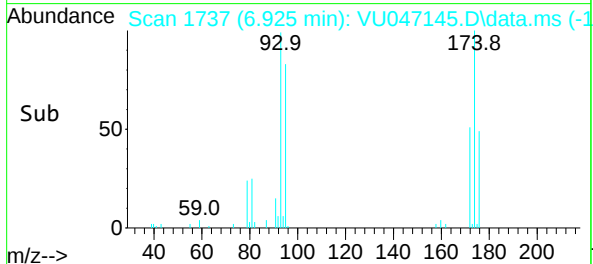
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



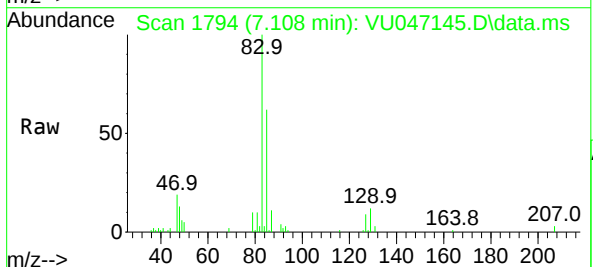
Tgt Ion: 93 Resp: 15238
Ion Ratio Lower Upper
93 100
95 86.6 66.2 99.2
174 106.6 70.7 106.1

Manual Integrations
APPROVED

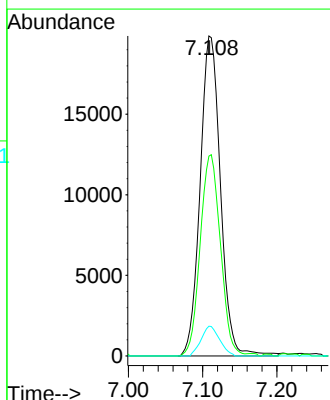
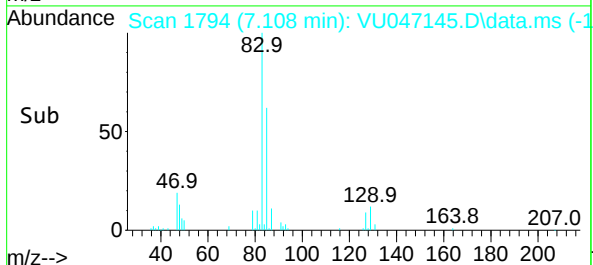
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

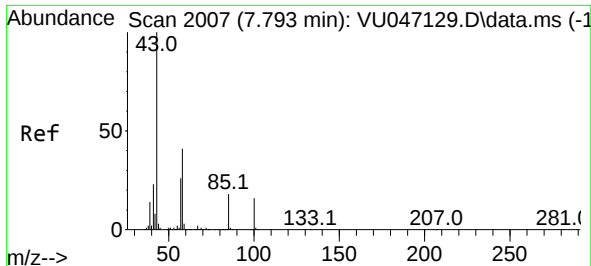


#44
Bromodichloromethane
Concen: 2.085 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



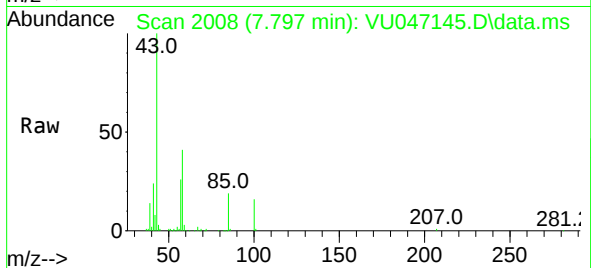
Tgt Ion: 83 Resp: 37812
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3
127 9.3 6.0 9.0





#45
4-Methyl-2-Pentanone
Concen: 9.428 ug/l
RT: 7.797 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

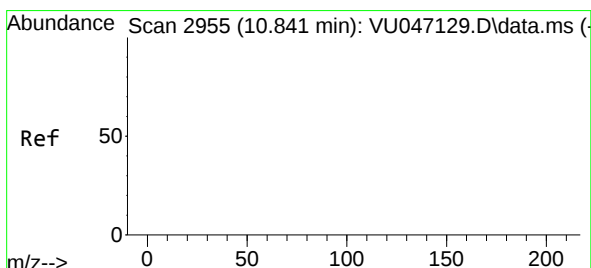
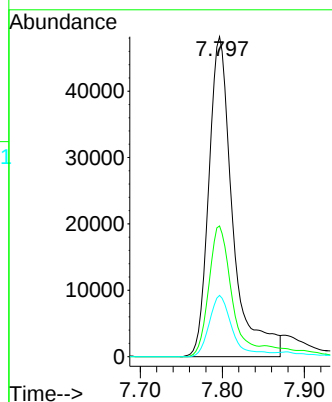
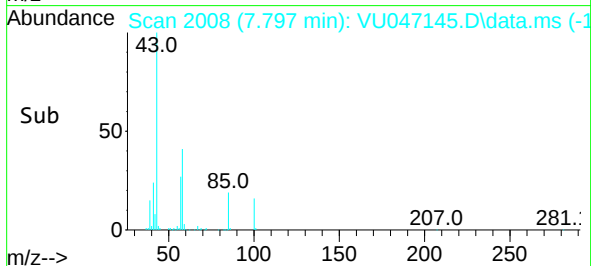
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



Tgt Ion: 43 Resp: 9780
Ion Ratio Lower Upper
43 100
58 38.8 21.0 63.0
85 18.5 14.8 22.2

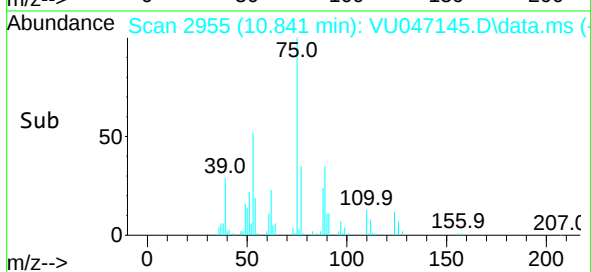
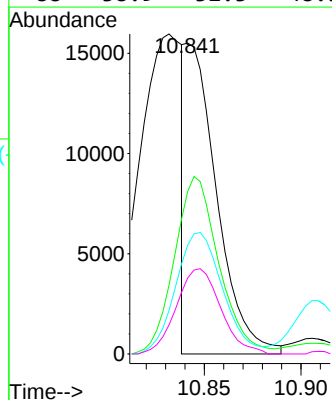
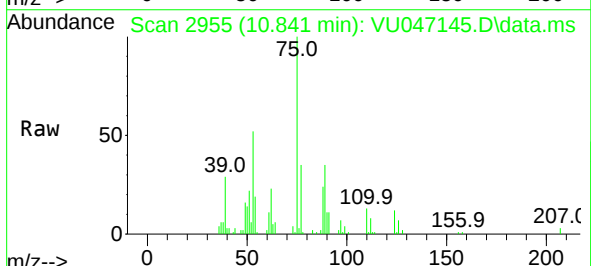
Manual Integrations
APPROVED

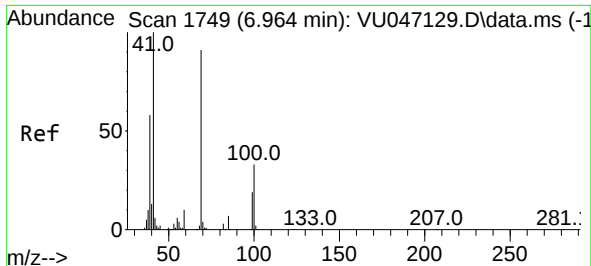
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#46
t-1,4-Dichloro-2-butene
Concen: 3.872 ug/l m
RT: 10.841 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

Tgt Ion: 75 Resp: 17482
Ion Ratio Lower Upper
75 100
53 80.9 66.8 100.2
89 58.3 41.7 62.5
88 38.9 32.3 48.5





#47

Methyl methacrylate

Concen: 3.777 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU047145.D

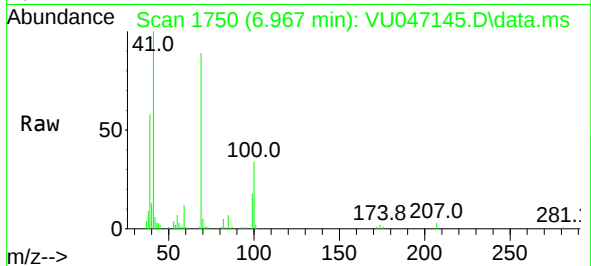
Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01



Tgt Ion: 69 Resp: 30378

Ion Ratio Lower Upper

69 100

41 111.1 0.0 230.0

39 64.3 55.1 82.7

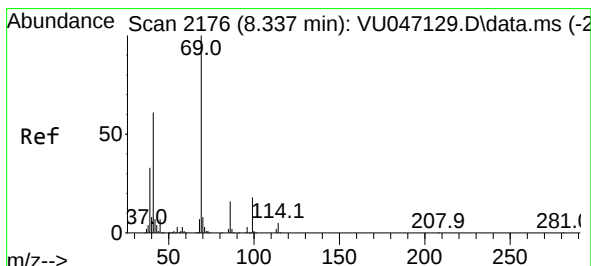
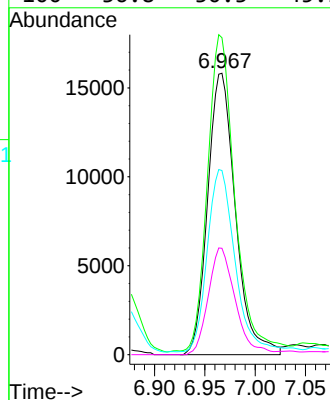
100 36.8 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#48

Ethyl methacrylate

Concen: 1.912 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047145.D

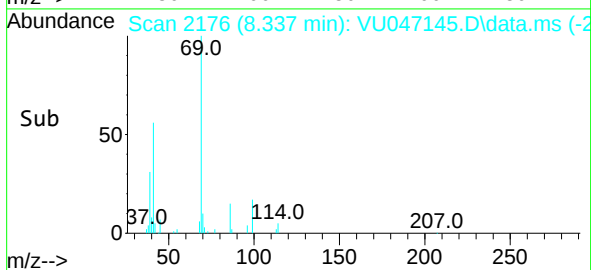
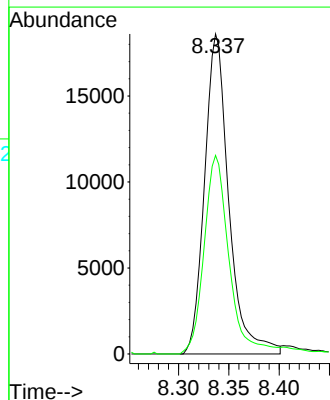
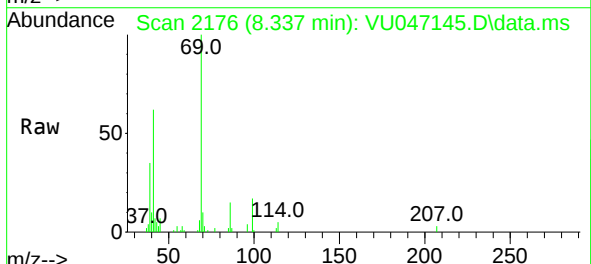
Acq: 15 Feb 2022 11:26

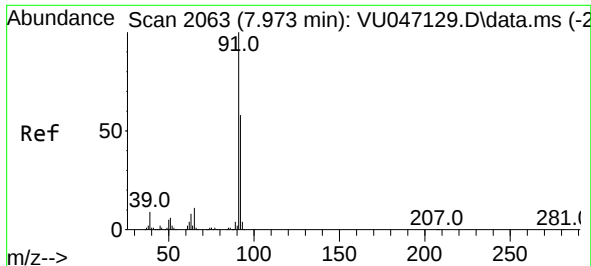
Tgt Ion: 69 Resp: 31178

Ion Ratio Lower Upper

69 100

41 65.9 32.6 98.0





#49

Toluene

Concen: 2.054 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

Tgt Ion: 92 Resp: 7120

Ion Ratio Lower Upper

92 100

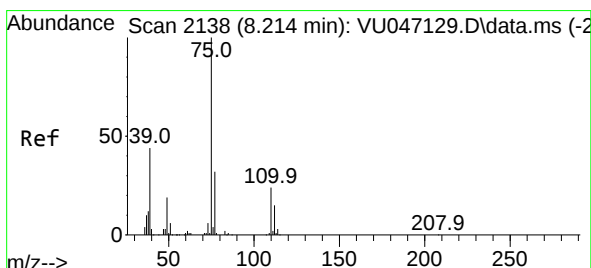
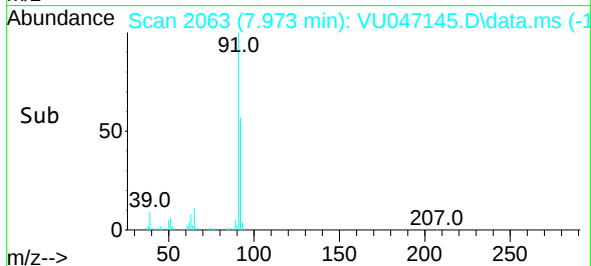
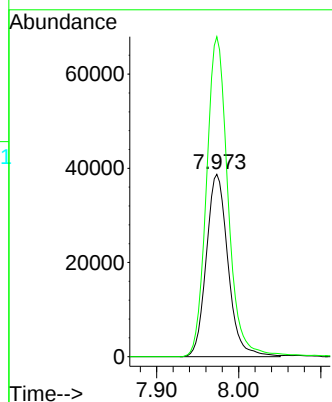
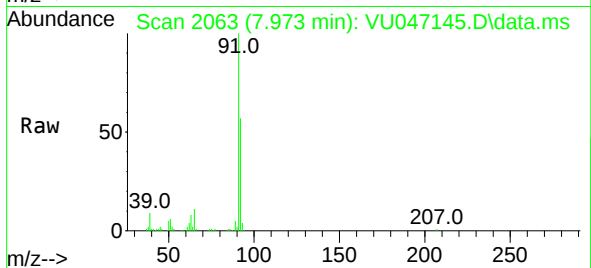
91 174.4 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#50

t-1,3-Dichloropropene

Concen: 1.965 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047145.D

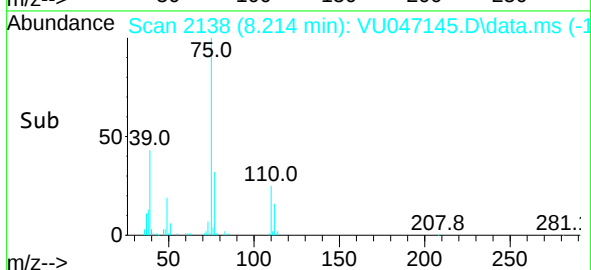
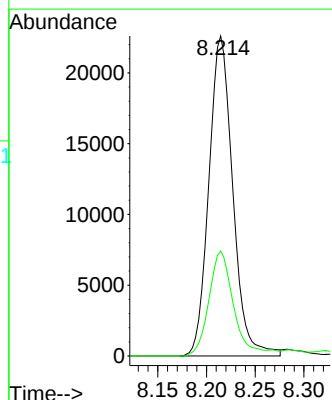
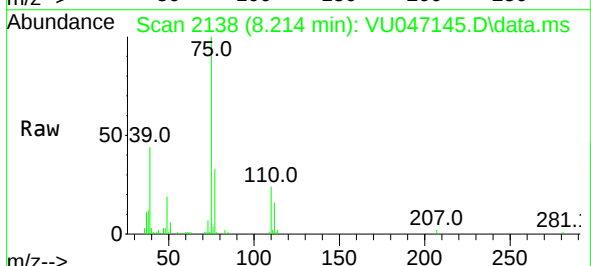
Acq: 15 Feb 2022 11:26

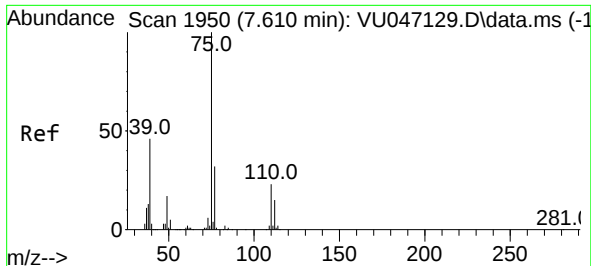
Tgt Ion: 75 Resp: 38577

Ion Ratio Lower Upper

75 100

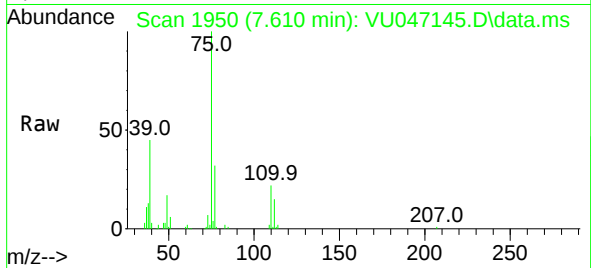
77 32.8 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 1.983 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

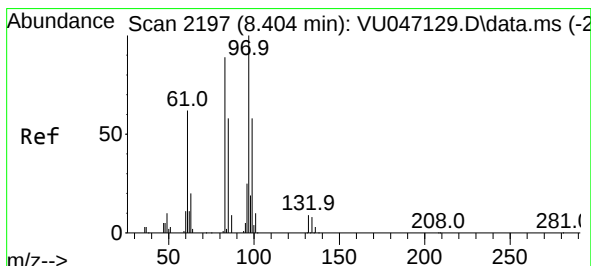
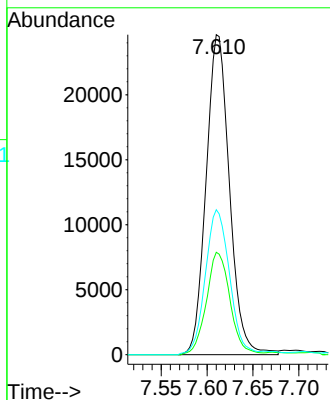
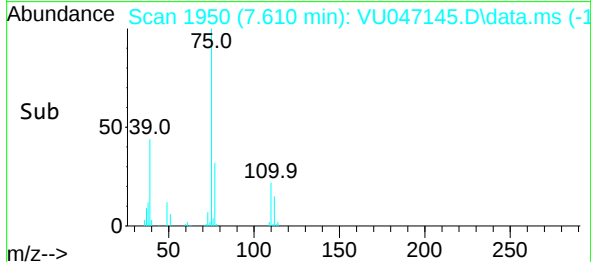
Instrument : MSVOA_U
ClientSampleId : VU0215WBS01



Tgt Ion: 75 Resp: 43638
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 45.3 38.6 57.8

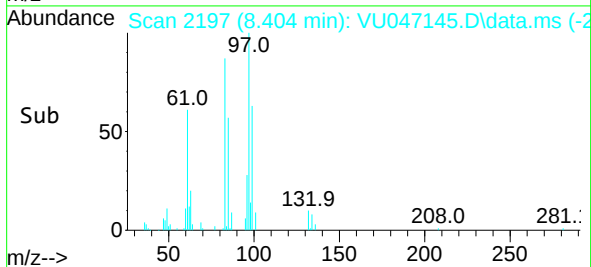
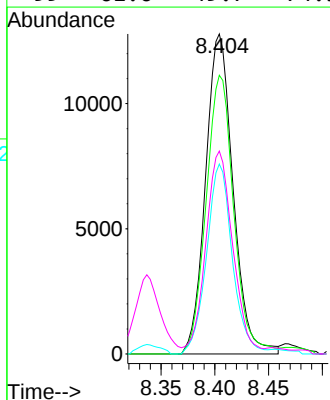
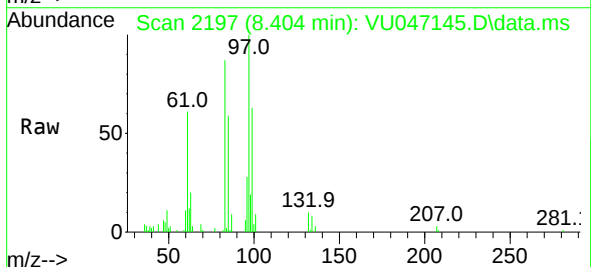
Manual Integrations
APPROVED

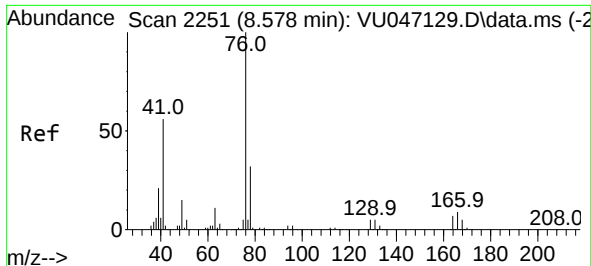
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#52
1,1,2-Trichloroethane
Concen: 2.078 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

Tgt Ion: 97 Resp: 22734
Ion Ratio Lower Upper
97 100
83 87.1 69.8 104.8
85 59.3 44.2 66.4
99 61.6 49.7 74.5





#53

1,3-Dichloropropane

Concen: 2.053 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

Tgt Ion: 76 Resp: 4014

Ion Ratio Lower Upper

76 100

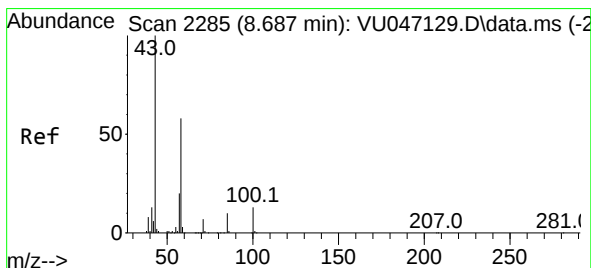
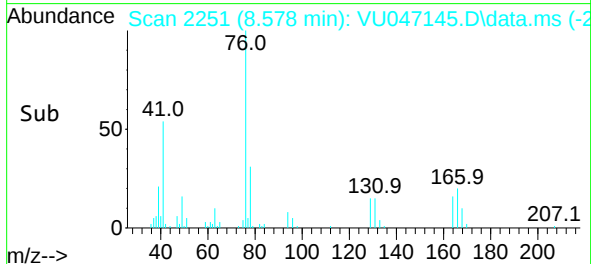
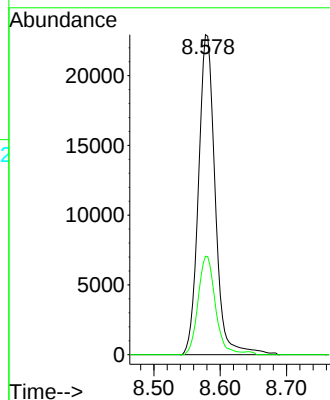
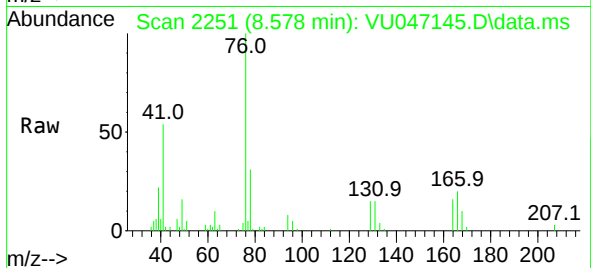
78 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#54

2-Hexanone

Concen: 9.850 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

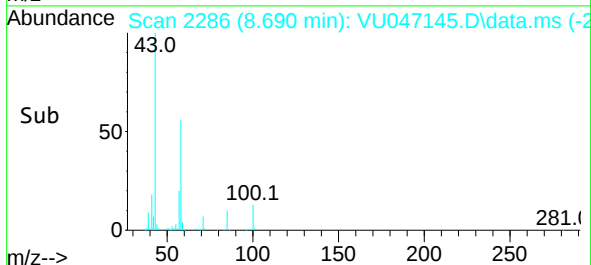
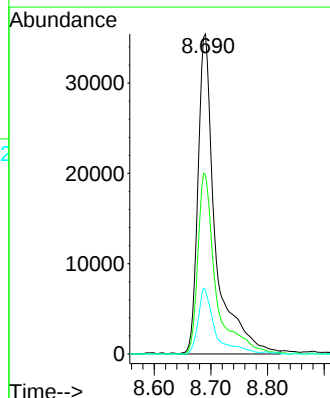
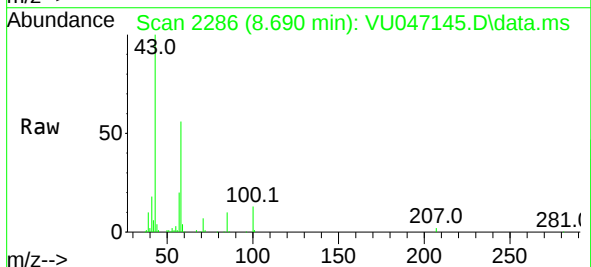
Tgt Ion: 43 Resp: 76119

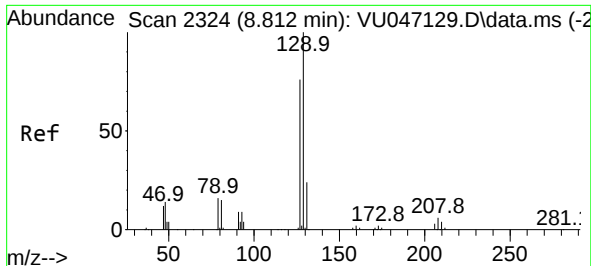
Ion Ratio Lower Upper

43 100

58 58.1 37.7 77.7

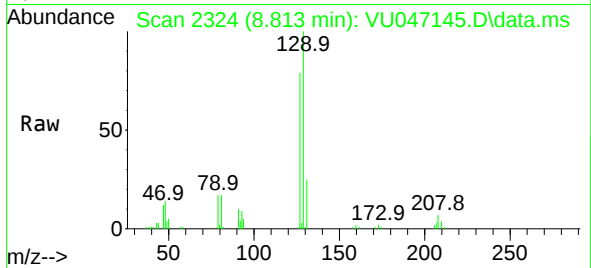
57 19.8 0.5 40.5





#55
 Dibromochloromethane
 Concen: 2.055 ug/l
 RT: 8.813 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047145.D
 Acq: 15 Feb 2022 11:26

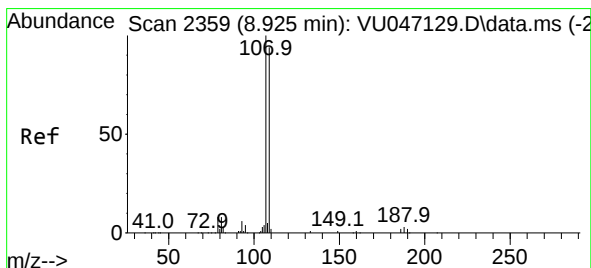
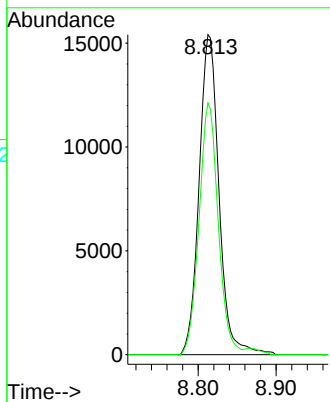
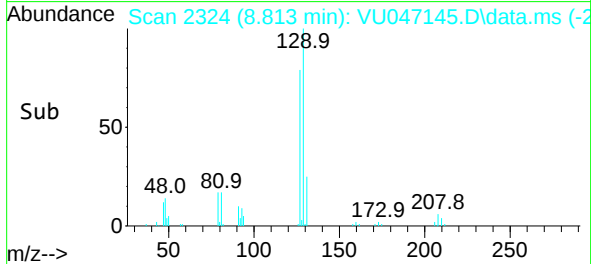
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0215WBS01



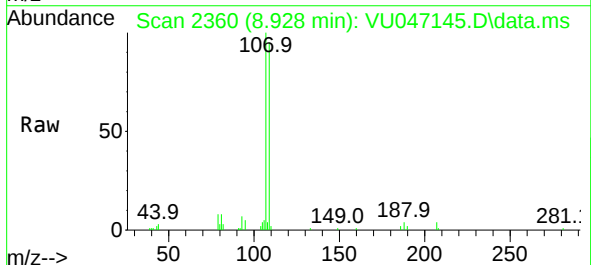
Tgt Ion:129 Resp: 2733
 Ion Ratio Lower Upper
 129 100
 127 76.0 62.2 93.4

Manual Integrations
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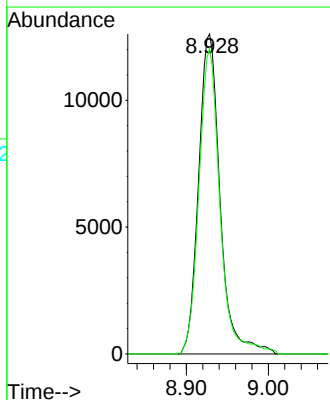
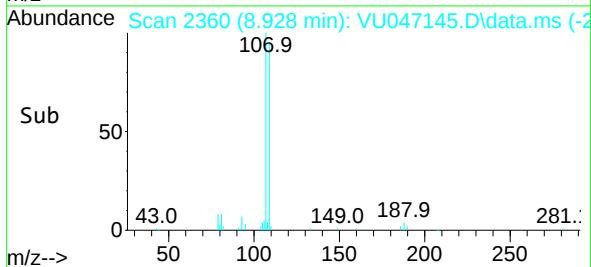
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/18/2022

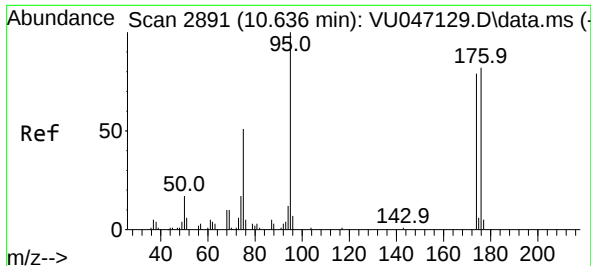


#56
 1,2-Dibromoethane
 Concen: 2.072 ug/l
 RT: 8.928 min Scan# 2360
 Delta R.T. 0.003 min
 Lab File: VU047145.D
 Acq: 15 Feb 2022 11:26



Tgt Ion:107 Resp: 22913
 Ion Ratio Lower Upper
 107 100
 109 93.7 0.0 185.0





#57

4-Bromofluorobenzene

Concen: 1.009 ug/l

RT: 10.636 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

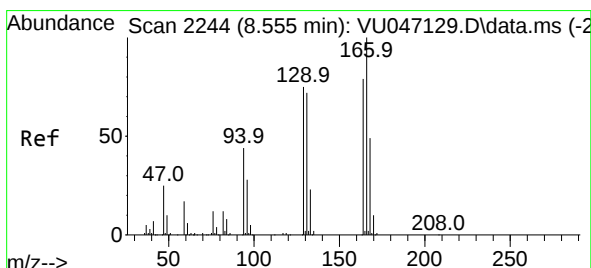
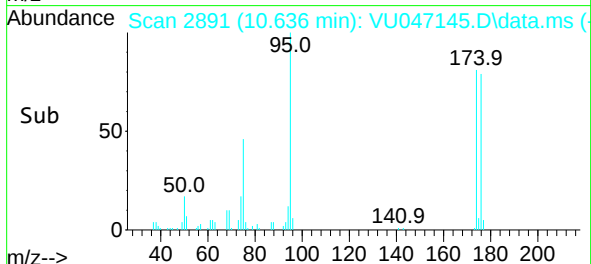
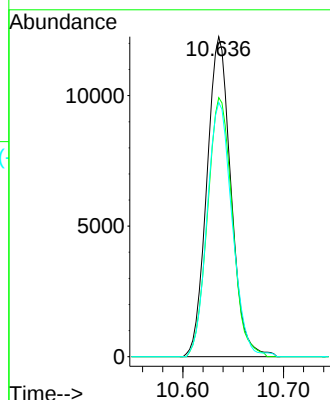
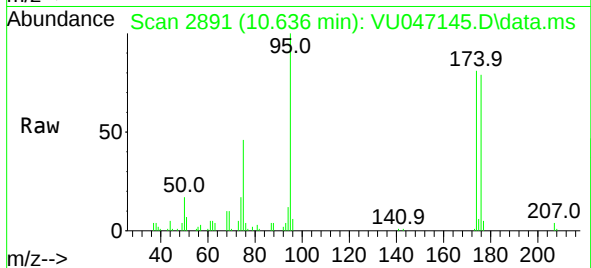
Tgt Ion:	95	Resp:	20400
Ion Ratio	Lower	Upper	
95	100		
174	83.0	56.6	84.8
176	82.3	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#58

Tetrachloroethene

Concen: 2.118 ug/l

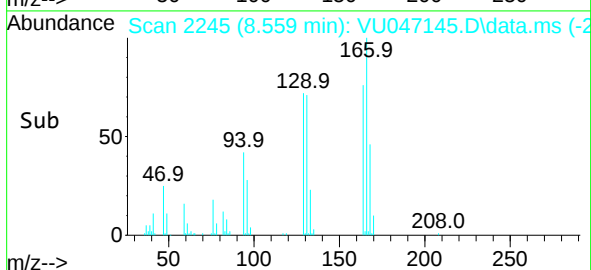
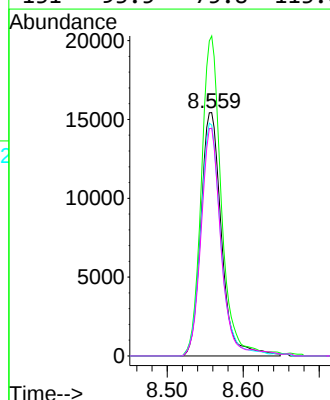
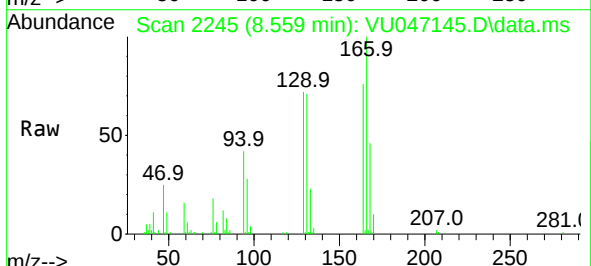
RT: 8.559 min Scan# 2245

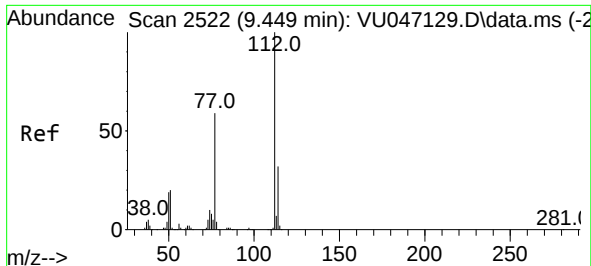
Delta R.T. 0.003 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Tgt Ion:	164	Resp:	29073
Ion Ratio	Lower	Upper	
164	100		
166	131.5	102.0	153.0
129	94.8	77.1	115.7
131	93.5	75.8	113.6





#59

Chlorobenzene

Concen: 2.067 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

Tgt Ion:112 Resp: 79878

Ion Ratio Lower Upper

112 100

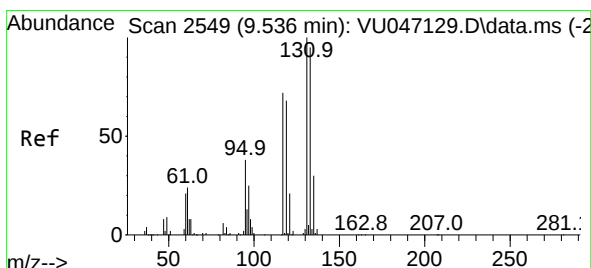
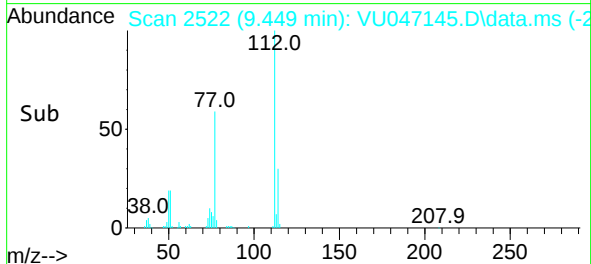
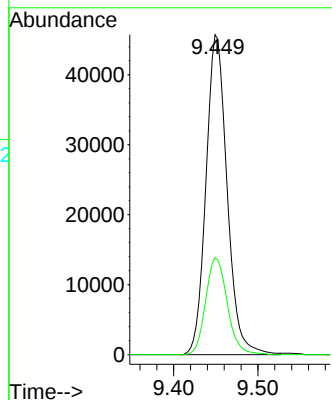
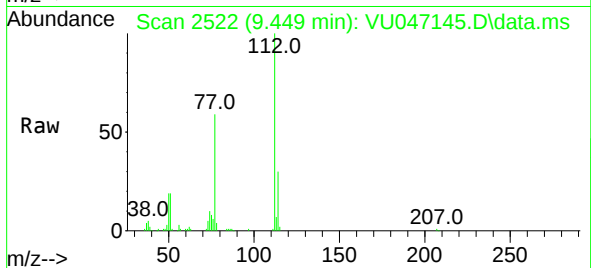
114 30.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 1.987 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

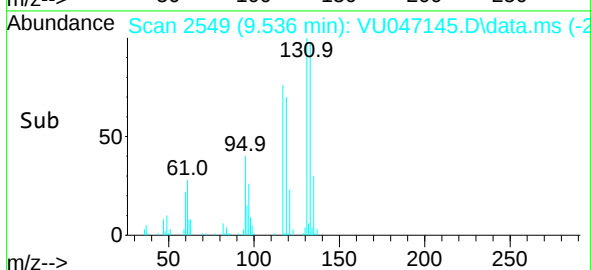
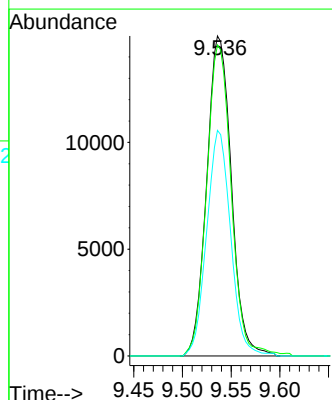
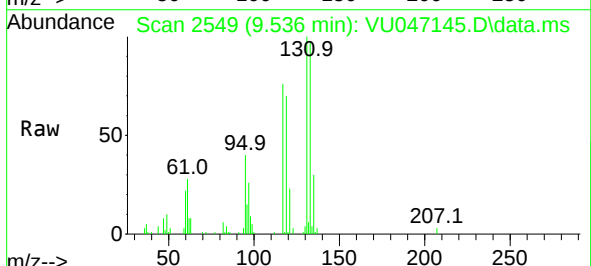
Tgt Ion:131 Resp: 26400

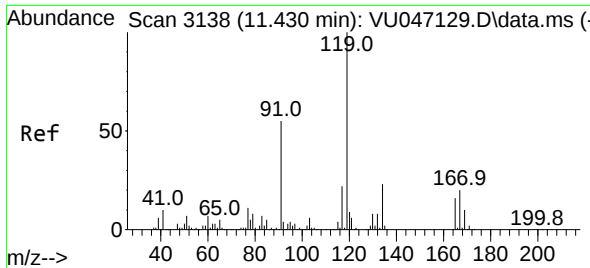
Ion Ratio Lower Upper

131 100

133 97.0 76.0 114.0

119 68.4 54.9 82.3





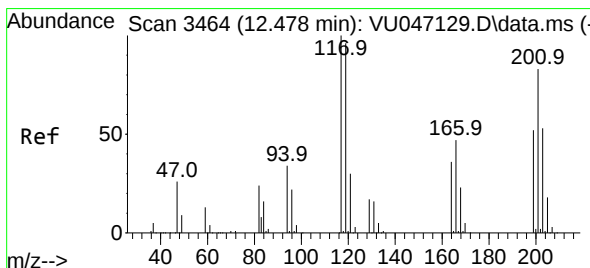
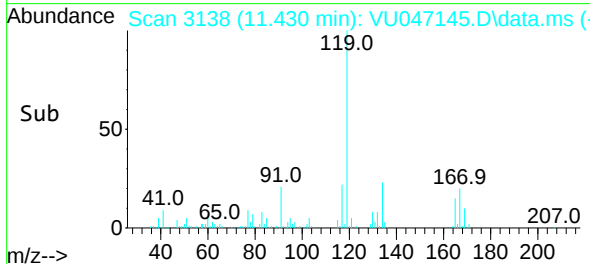
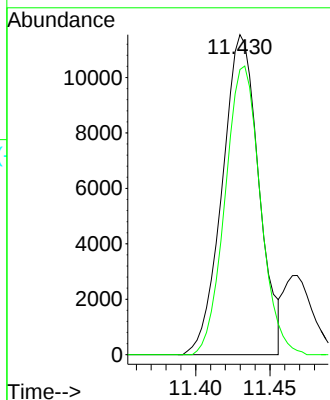
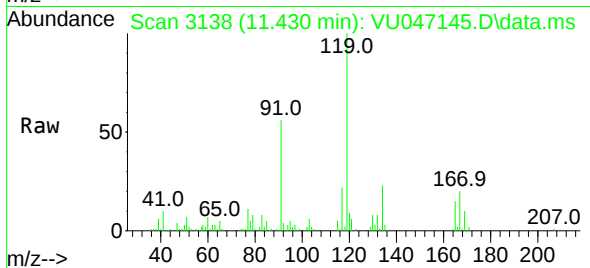
#61
Pentachloroethane
Concen: 1.959 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01

Tgt Ion:117 Resp: 19754
Ion Ratio Lower Upper
117 100
167 87.0 59.7 89.5

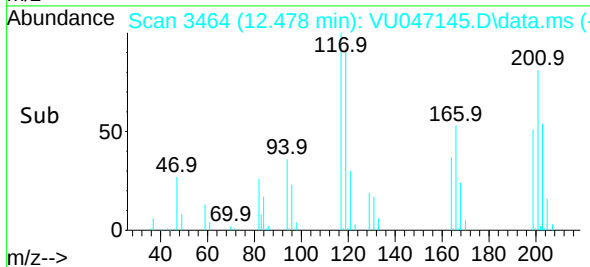
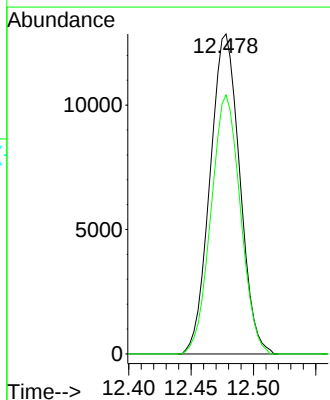
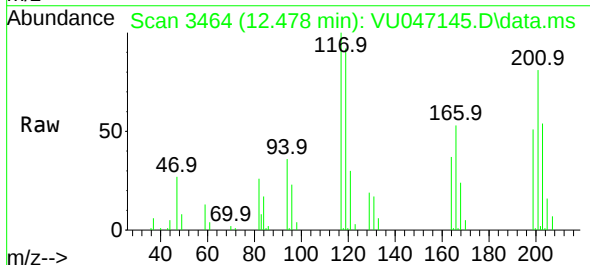
Manual Integrations
APPROVED

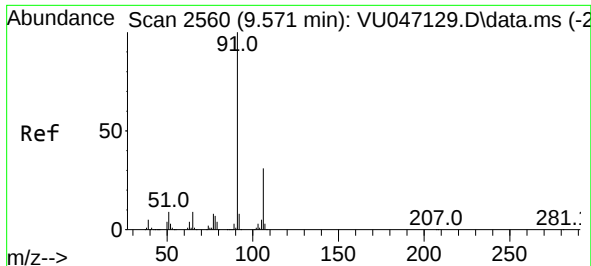
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#62
Hexachloroethane
Concen: 1.959 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

Tgt Ion:117 Resp: 21332
Ion Ratio Lower Upper
117 100
201 80.0 53.6 80.4





#63

Ethyl Benzene

Concen: 2.051 ug/l

RT: 9.575 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

Tgt Ion: 91 Resp: 13936

Ion Ratio Lower Upper

91 100

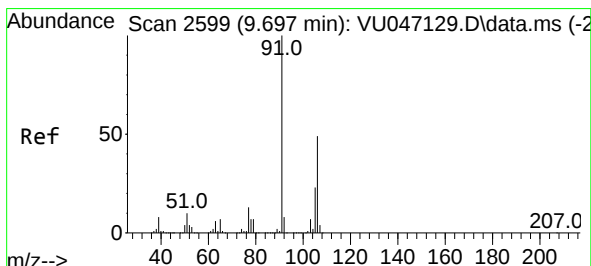
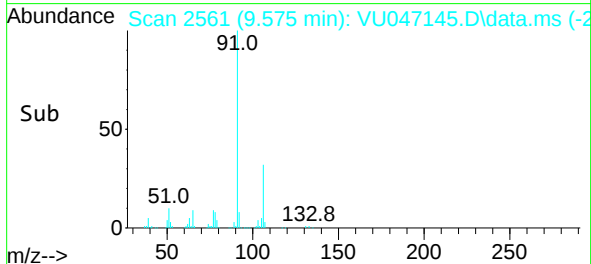
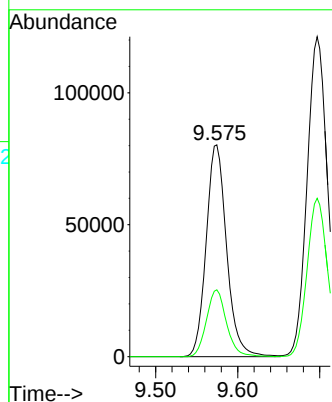
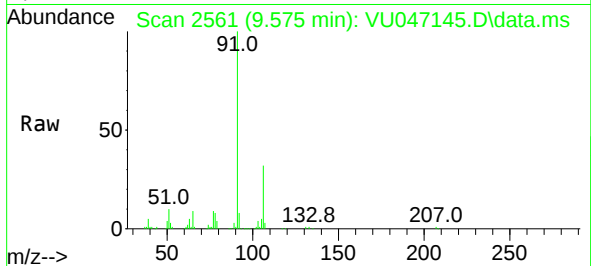
106 31.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#64

m/p-Xylenes

Concen: 4.184 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU047145.D

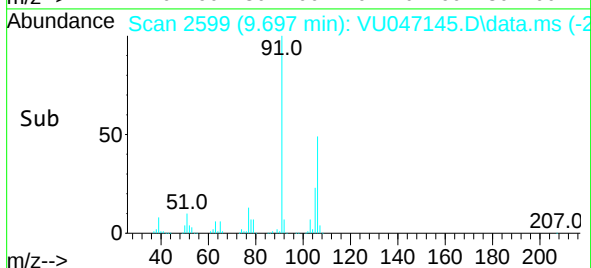
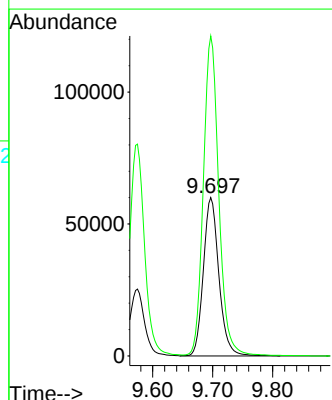
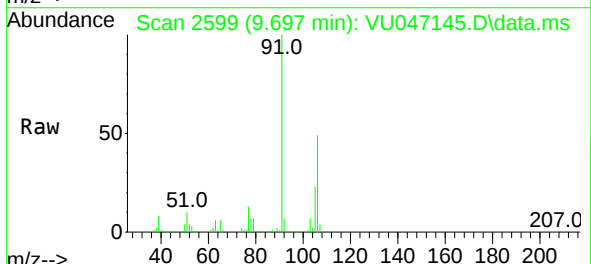
Acq: 15 Feb 2022 11:26

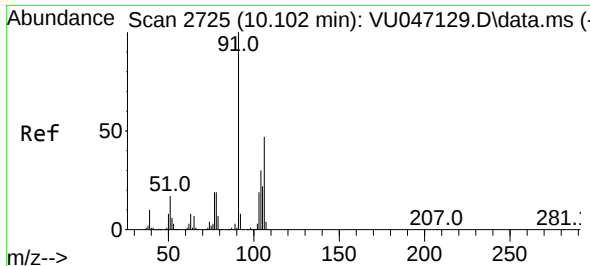
Tgt Ion:106 Resp: 108361

Ion Ratio Lower Upper

106 100

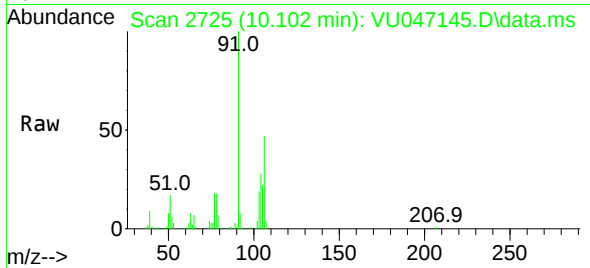
91 200.1 165.5 248.3





#65
o-Xylene
Concen: 2.086 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

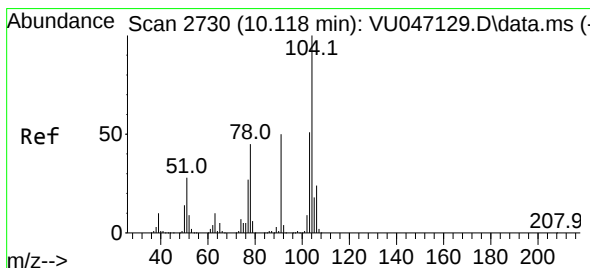
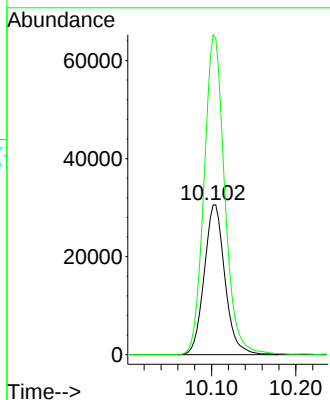
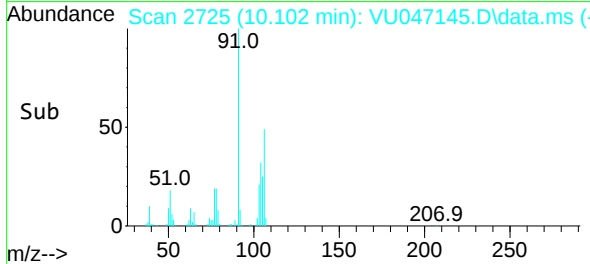
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



Tgt Ion:106 Resp: 5232
Ion Ratio Lower Upper
106 100
91 213.3 109.4 328.2

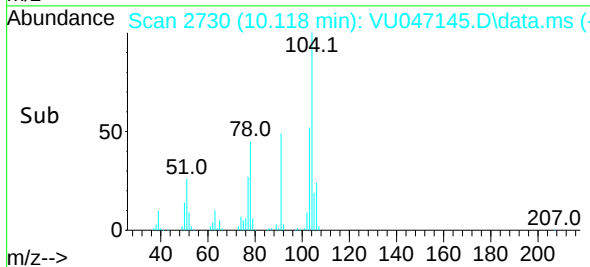
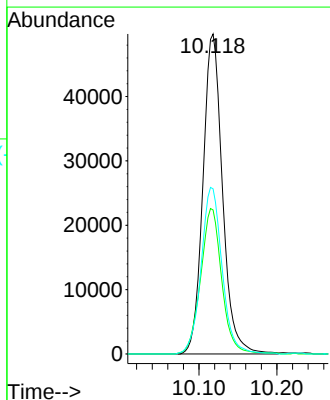
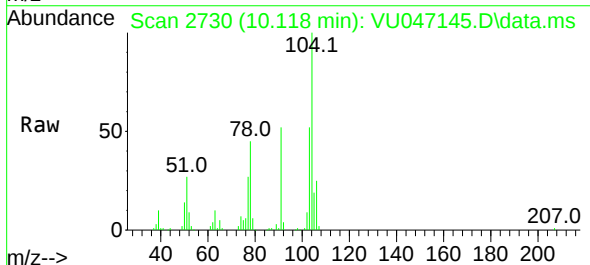
Manual Integrations
APPROVED

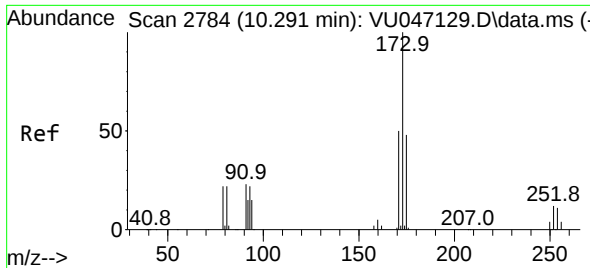
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#66
Styrene
Concen: 2.042 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

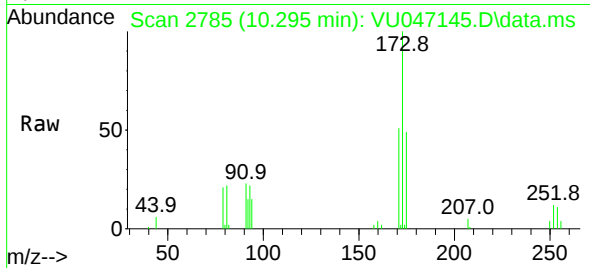
Tgt Ion:104 Resp: 86951
Ion Ratio Lower Upper
104 100
78 49.0 42.4 63.6
103 55.9 44.2 66.4





#67
Bromoform
Concen: 2.024 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

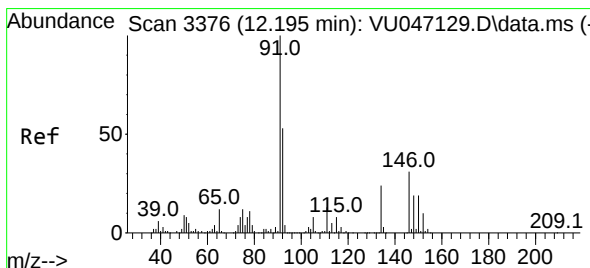
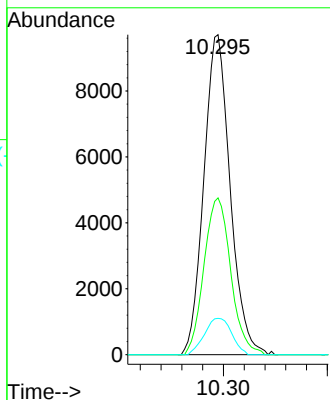
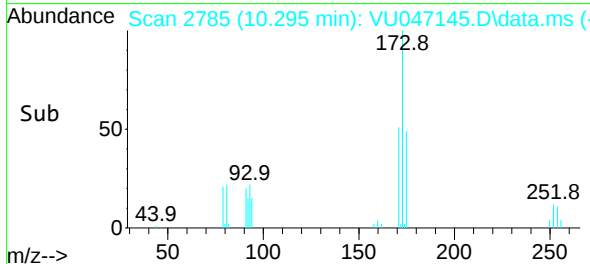
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



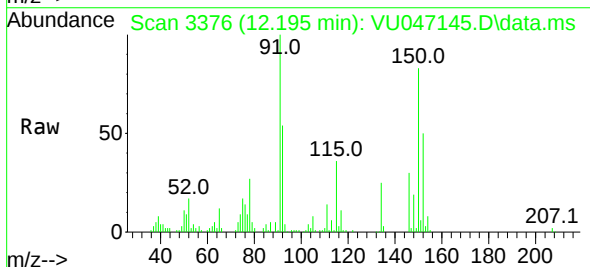
Tgt Ion:173 Resp: 17062
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.4
254 11.7 5.5 8.3

Manual Integrations
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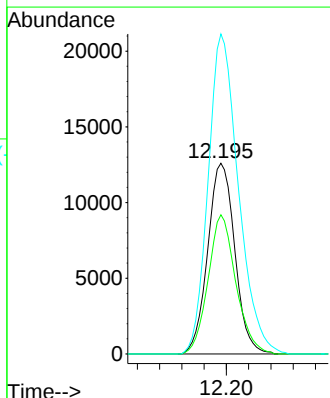
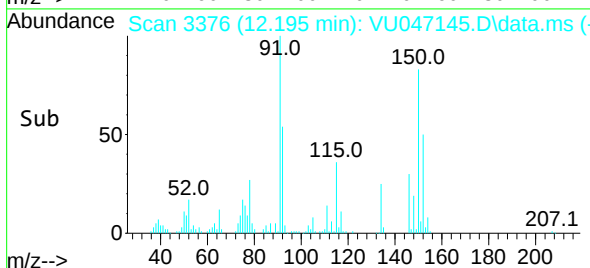
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

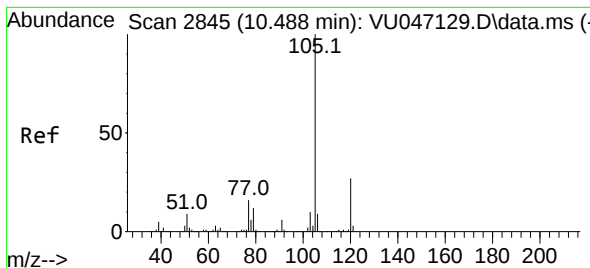


#68
1,2-Dichlorobenzene-d4
Concen: 1.011 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



Tgt Ion:152 Resp: 21269
Ion Ratio Lower Upper
152 100
115 74.7 0.0 251.0
150 187.4 0.0 613.8





#69

Isopropylbenzene

Concen: 2.072 ug/l

RT: 10.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

Tgt Ion:105 Resp: 13978

Ion Ratio Lower Upper

105 100

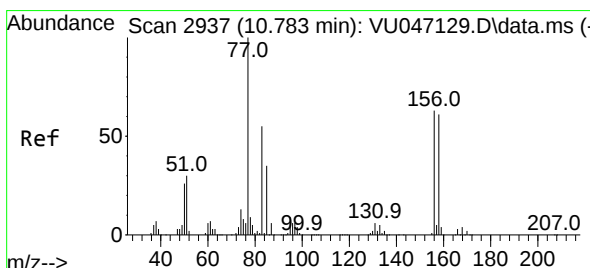
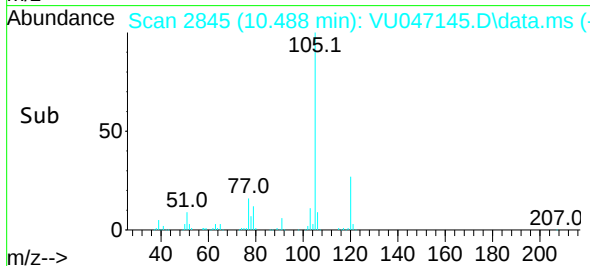
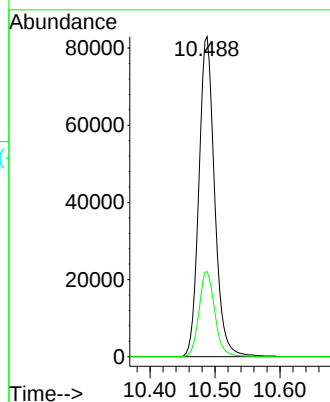
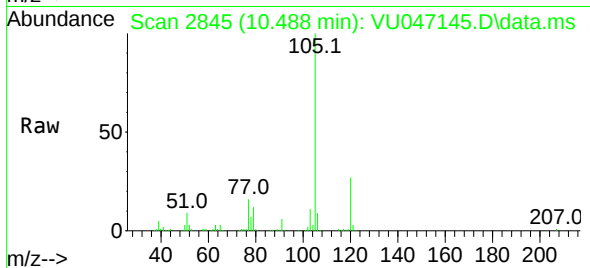
120 26.7 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#70

1,1,2,2-Tetrachloroethane

Concen: 2.049 ug/l

RT: 10.787 min Scan# 2938

Delta R.T. 0.003 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

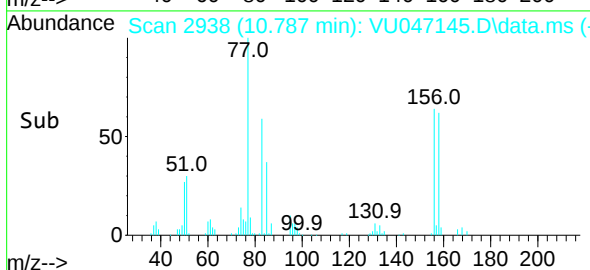
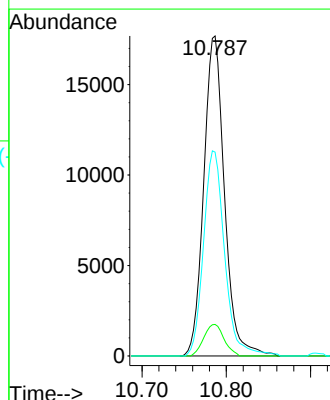
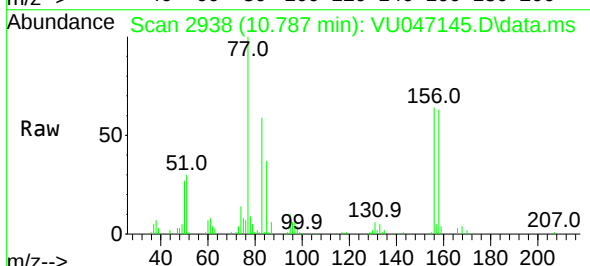
Tgt Ion: 83 Resp: 30317

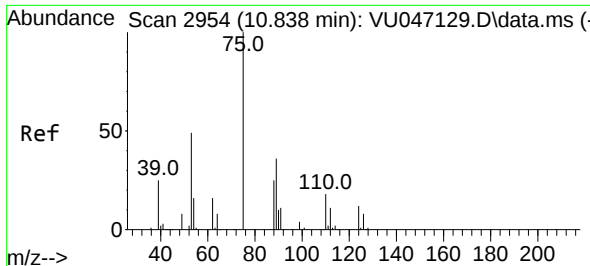
Ion Ratio Lower Upper

83 100

131 9.6 7.6 11.4

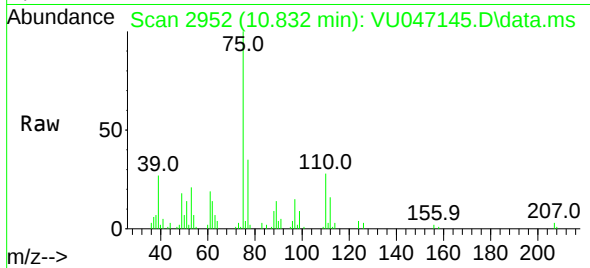
85 65.3 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.789 ug/l m
RT: 10.832 min Scan# 2954
Delta R.T. -0.006 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

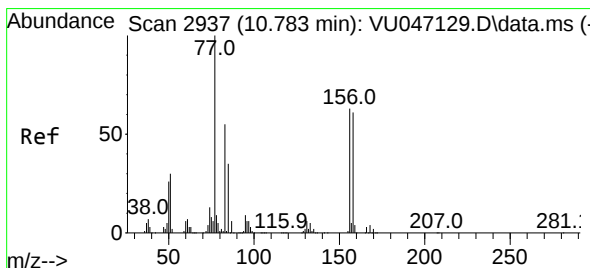
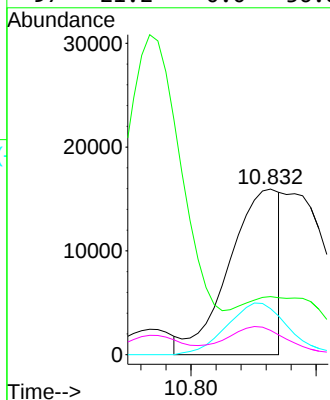
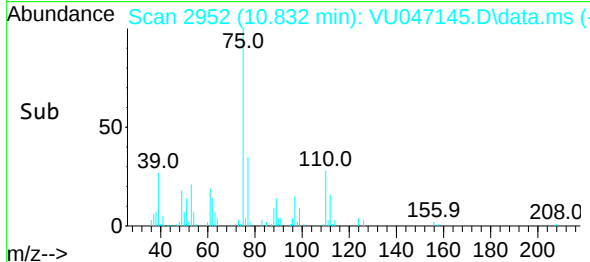
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



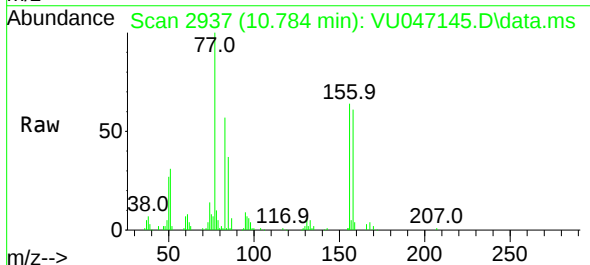
Tgt Ion: 75 Resp: 2233
Ion Ratio Lower Upper
75 100
77 0.0 0.0 105.6
110 38.1 0.0 71.2
97 21.2 0.0 36.8

Manual Integrations
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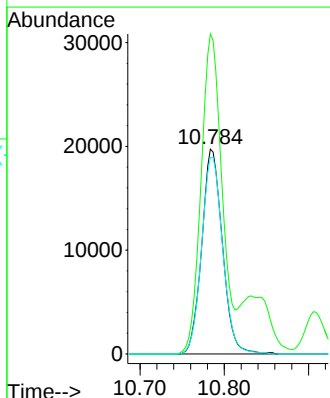
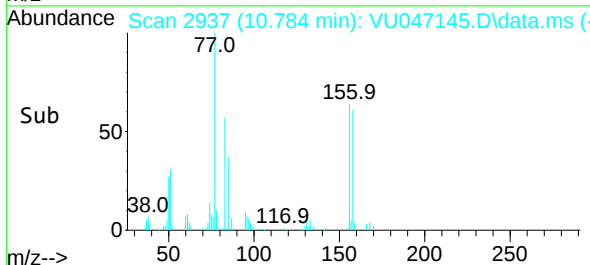
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

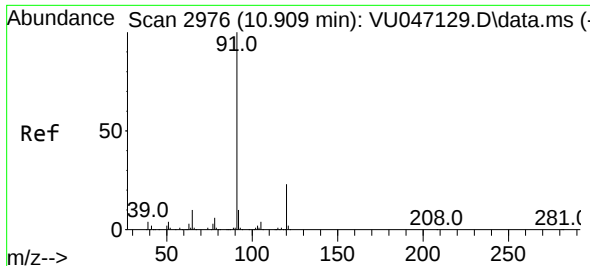


#72
Bromobenzene
Concen: 2.045 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



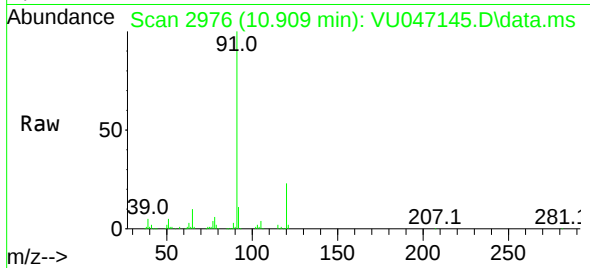
Tgt Ion:156 Resp: 33693
Ion Ratio Lower Upper
156 100
77 156.9 0.0 370.6
158 98.3 0.0 193.4





#73
n-propylbenzene
Concen: 2.054 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

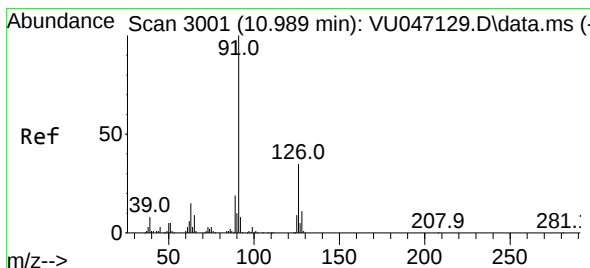
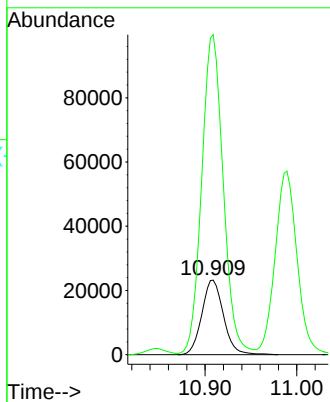
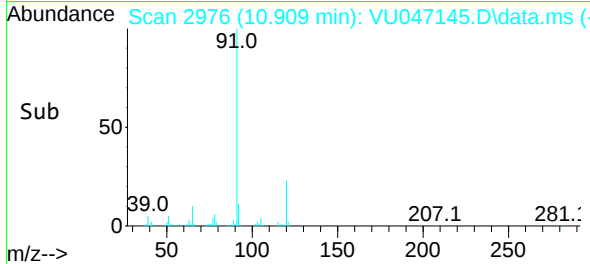
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



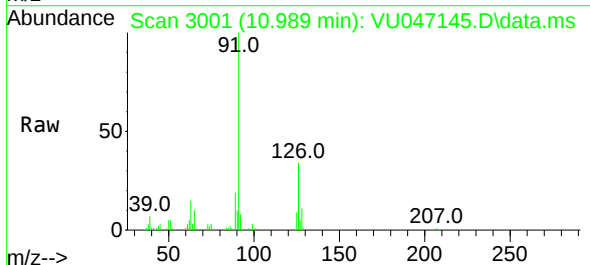
Tgt Ion:120 Resp: 38150
Ion Ratio Lower Upper
120 100
91 427.8 370.7 556.1

Manual Integrations
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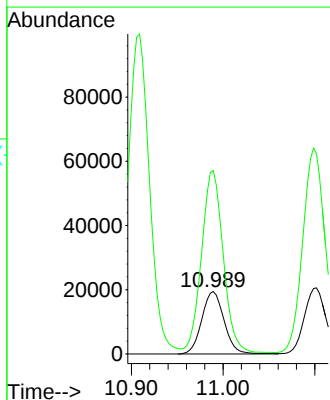
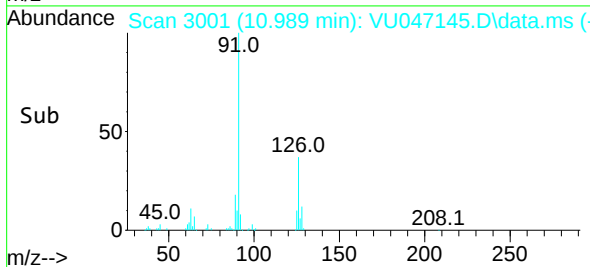
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

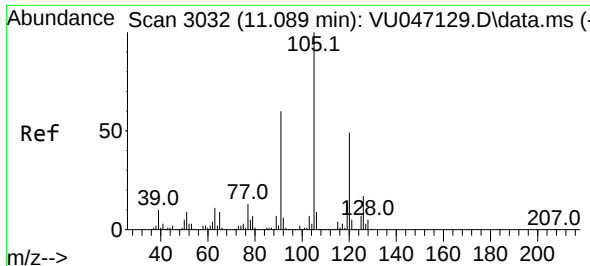


#74
2-Chlorotoluene
Concen: 2.070 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



Tgt Ion:126 Resp: 32786
Ion Ratio Lower Upper
126 100
91 292.3 0.0 639.6





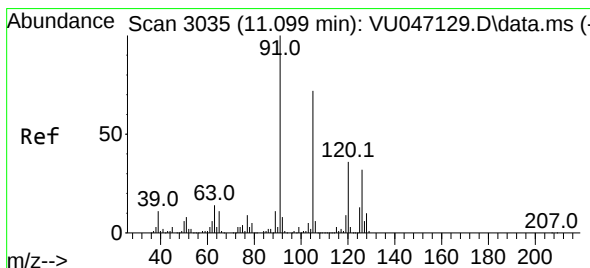
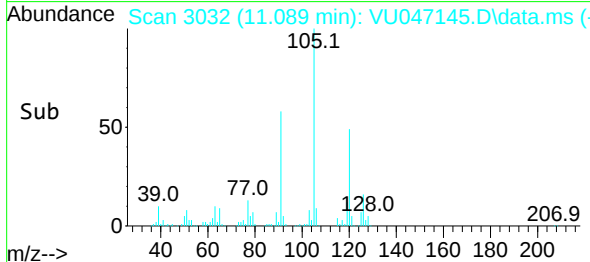
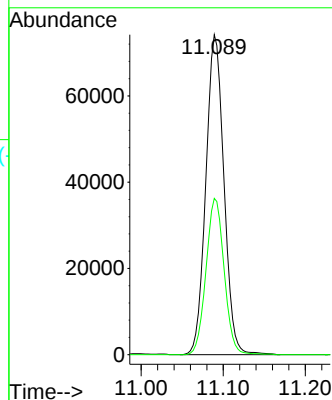
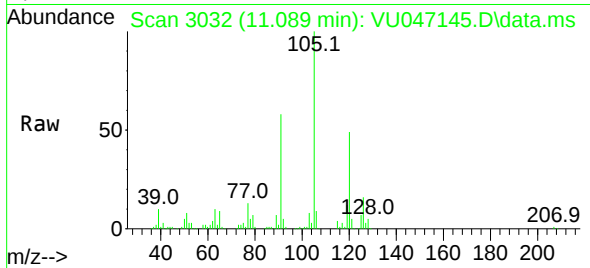
#75
1,3,5-Trimethylbenzene
Concen: 2.056 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01

Tgt Ion:105 Resp: 113752
Ion Ratio Lower Upper
105 100
120 48.9 38.6 58.0

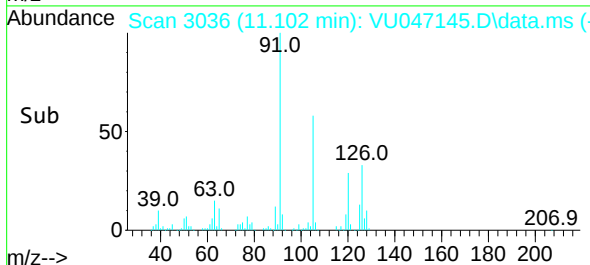
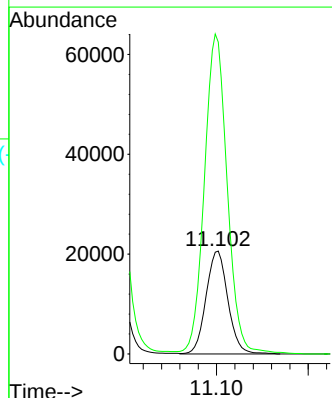
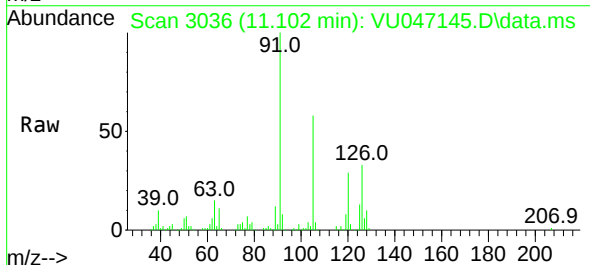
Manual Integrations
APPROVED

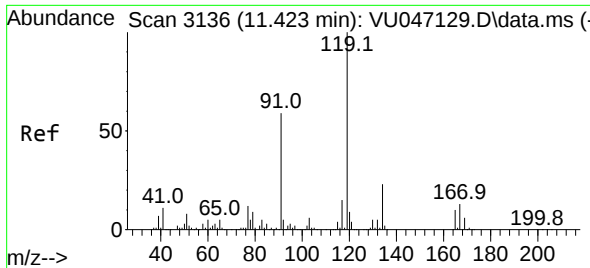
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#76
4-Chlorotoluene
Concen: 2.051 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

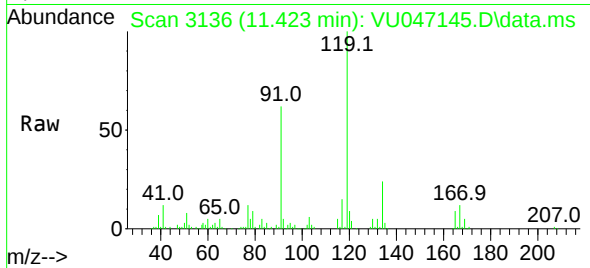
Tgt Ion:126 Resp: 34130
Ion Ratio Lower Upper
126 100
91 325.3 0.0 728.0





#77
tert-Butylbenzene
Concen: 1.972 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

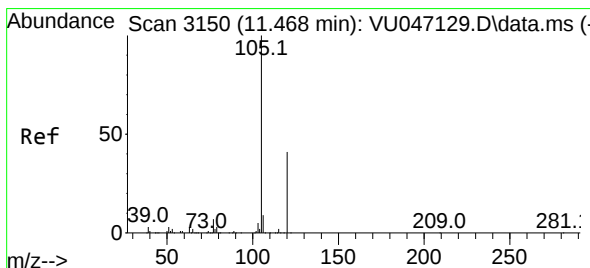
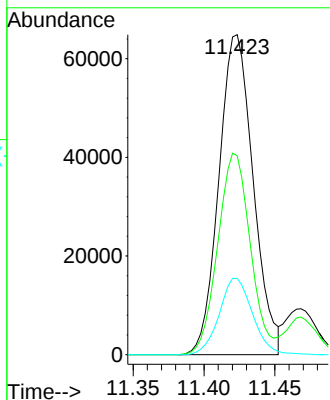
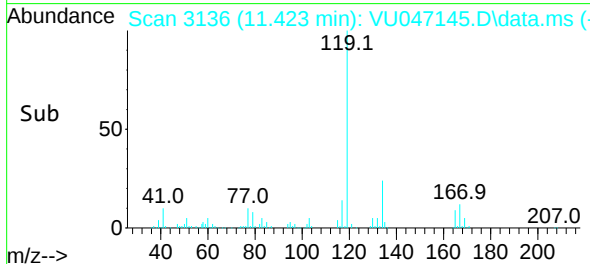
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



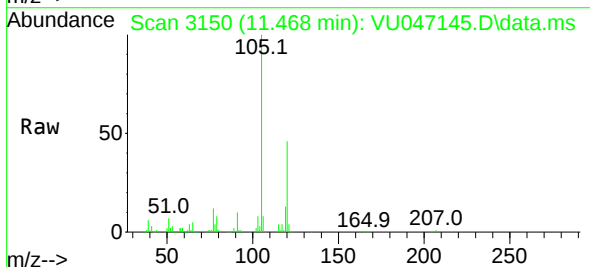
Tgt Ion:119 Resp: 10946
Ion Ratio Lower Upper
119 100
91 59.6 31.4 94.3
134 23.2 18.5 27.7

Manual Integrations
APPROVED

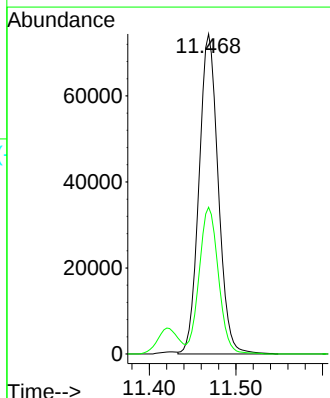
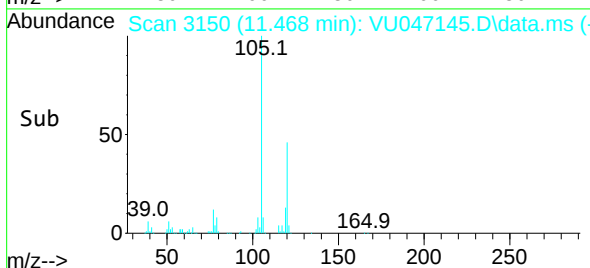
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

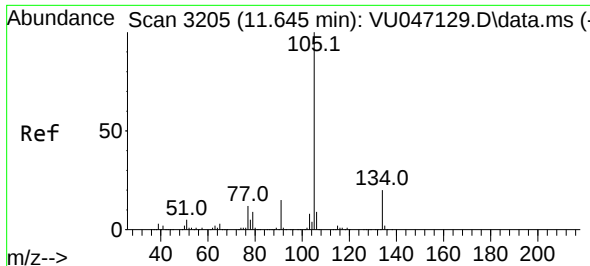


#78
1,2,4-Trimethylbenzene
Concen: 2.030 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



Tgt Ion:105 Resp: 114619
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8





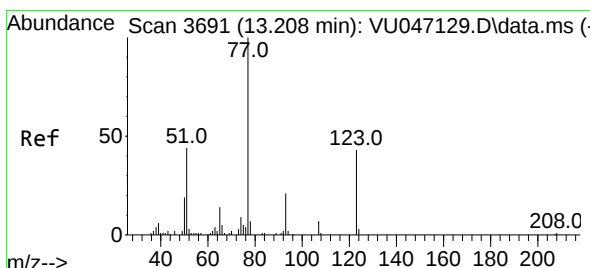
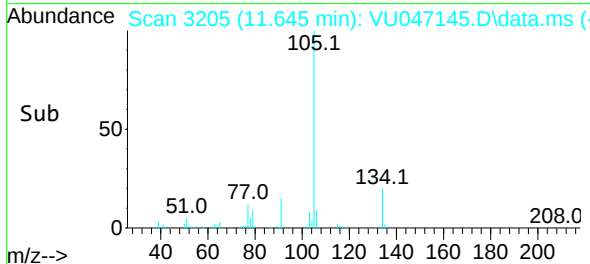
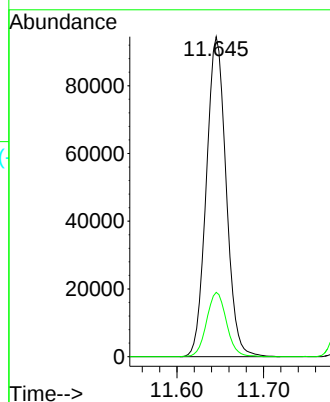
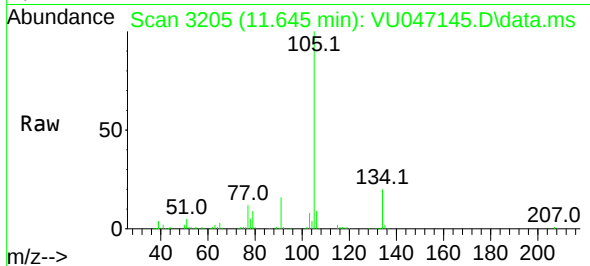
#79
 sec-Butylbenzene
 Concen: 2.035 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047145.D
 Acq: 15 Feb 2022 11:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0215WBS01

Tgt Ion:105 Resp: 15005
 Ion Ratio Lower Upper
 105 100
 134 20.2 15.4 23.0

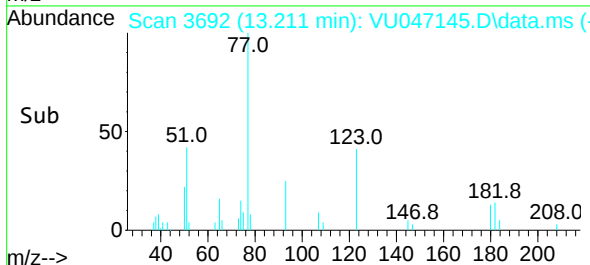
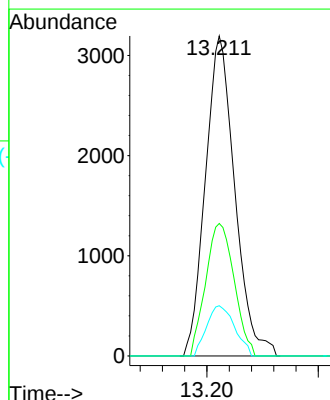
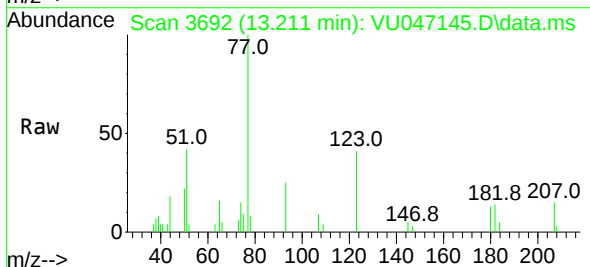
Manual Integrations
 APPROVED

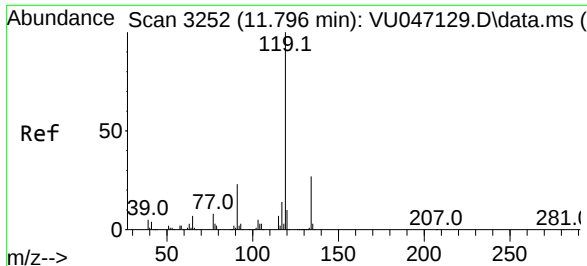
Reviewed By :John Carlone 02/18/2022
 Supervised By :Mahesh Dadoda 02/18/2022



#80
 Nitrobenzene
 Concen: 8.181 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU047145.D
 Acq: 15 Feb 2022 11:26

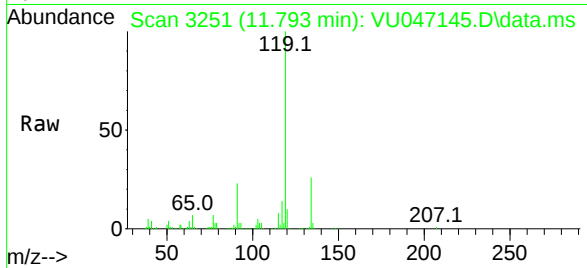
Tgt Ion: 77 Resp: 5843
 Ion Ratio Lower Upper
 77 100
 123 40.0 18.2 64.4
 65 15.0 12.0 15.2





#81
p-Isopropyltoluene
Concen: 1.988 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

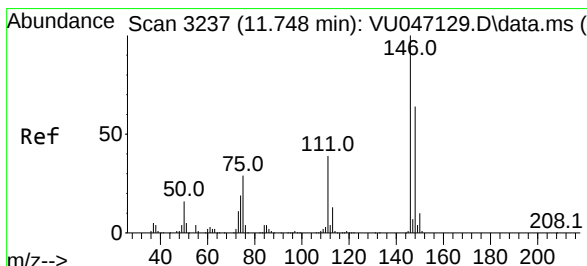
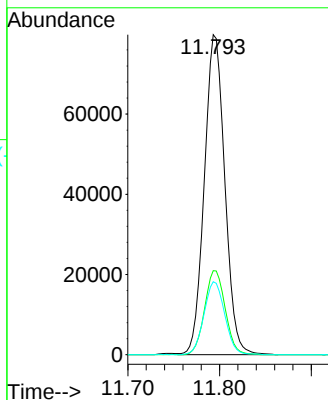
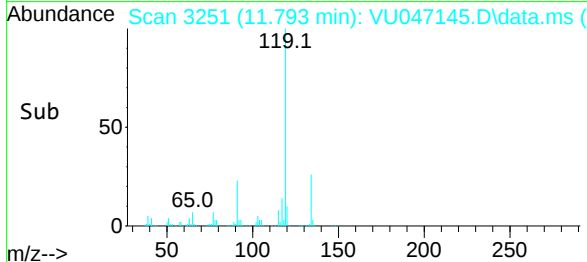
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



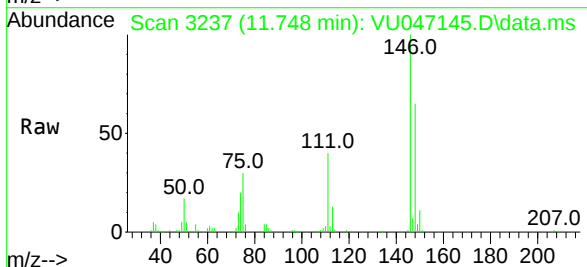
Tgt Ion:119 Resp: 12405
Ion Ratio Lower Upper
119 100
134 26.3 20.2 30.4
91 23.1 19.9 29.9

Manual Integrations
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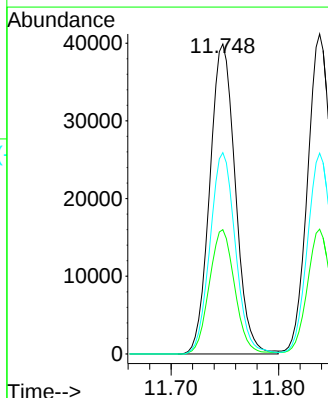
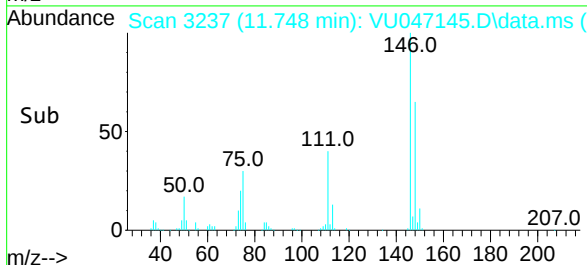
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

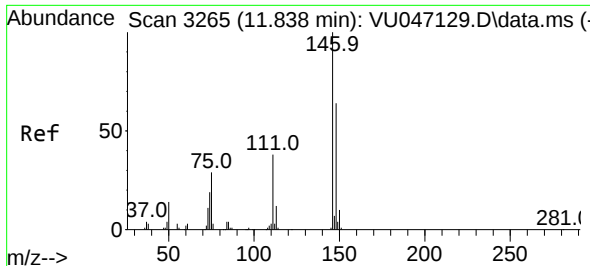


#82
1,3-Dichlorobenzene
Concen: 2.051 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



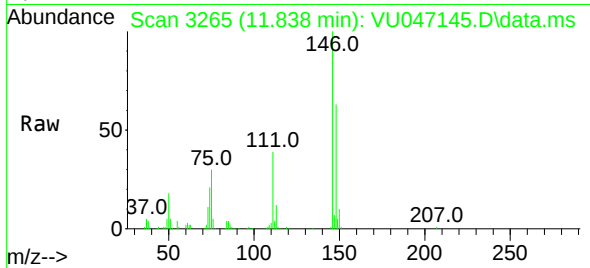
Tgt Ion:146 Resp: 65806
Ion Ratio Lower Upper
146 100
111 40.0 33.9 50.9
148 64.7 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 2.046 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

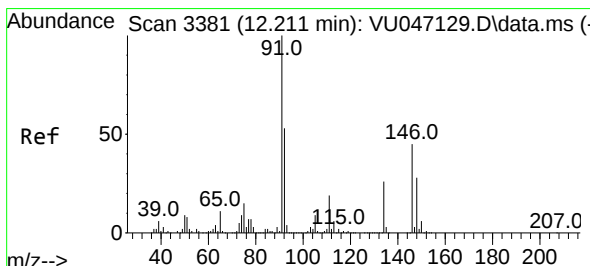
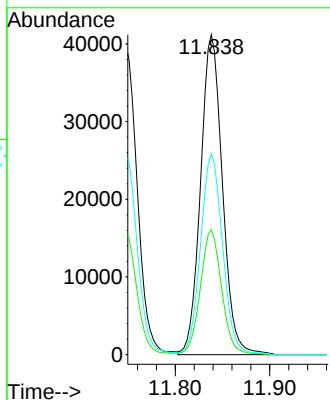
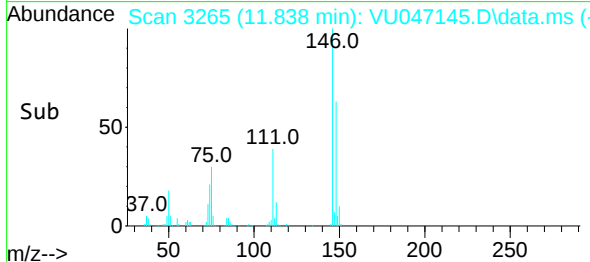
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



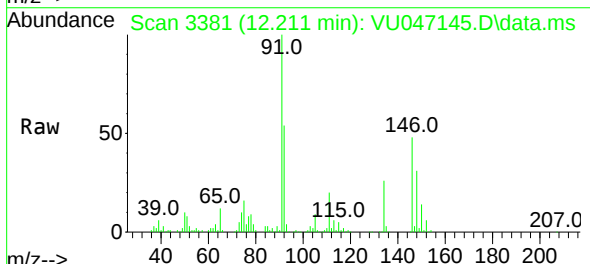
Tgt Ion:146 Resp: 66110
Ion Ratio Lower Upper
146 100
111 38.0 32.7 49.1
148 63.6 51.4 77.0

Manual Integrations
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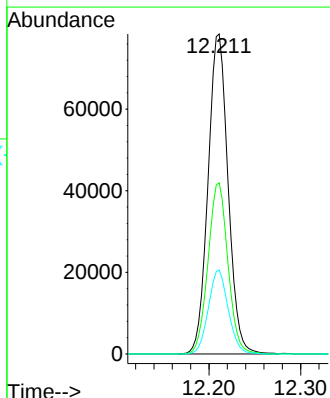
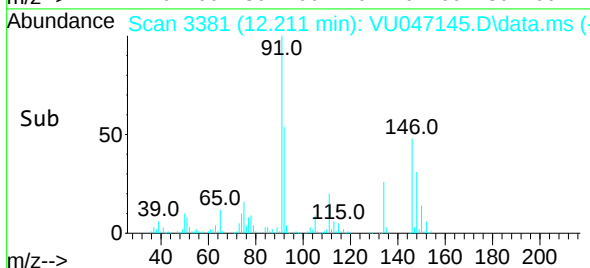
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

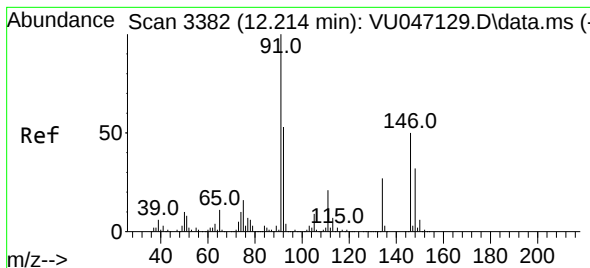


#84
n-Butylbenzene
Concen: 1.988 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



Tgt Ion: 91 Resp: 119093
Ion Ratio Lower Upper
91 100
92 53.2 43.5 65.3
134 26.0 19.0 28.4





#85

1,2-Dichlorobenzene

Concen: 2.064 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

VU0215WBS01

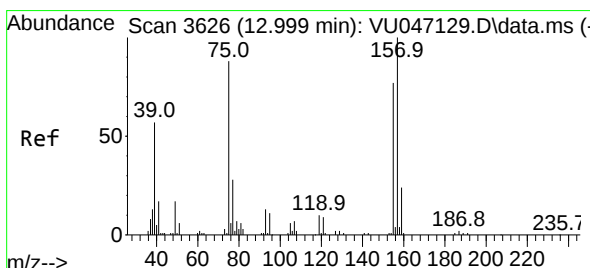
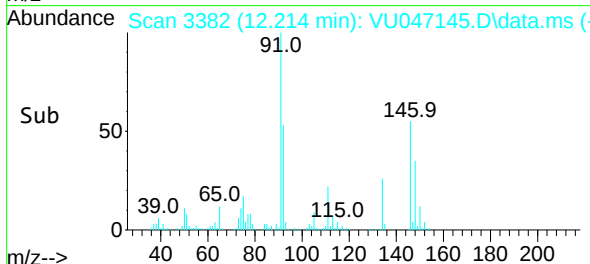
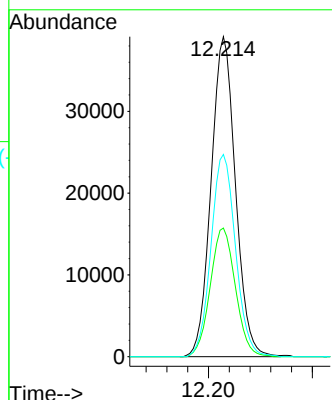
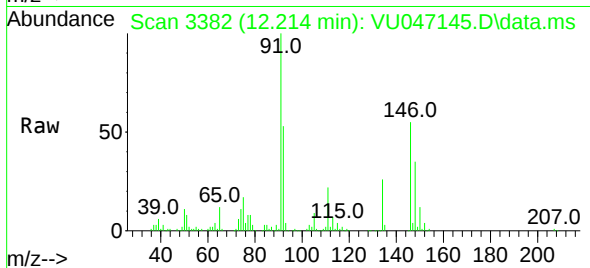
Tgt Ion:	146	Resp:	63740
Ion Ratio	Lower	Upper	
146	100		
111	41.4	22.1	66.1
148	63.7	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2022

Supervised By :Mahesh Dadoda 02/18/2022



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.013 ug/l

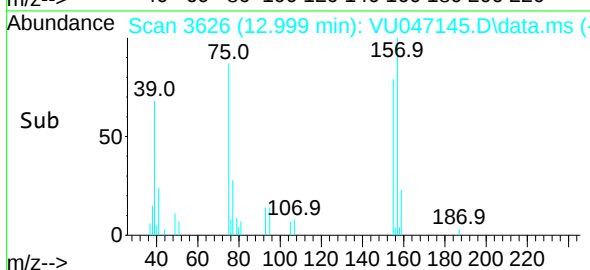
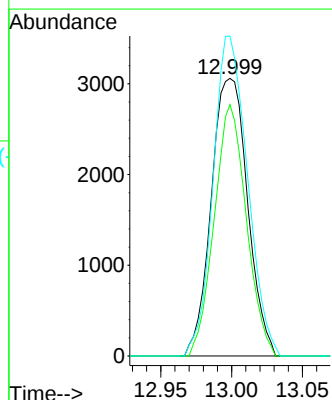
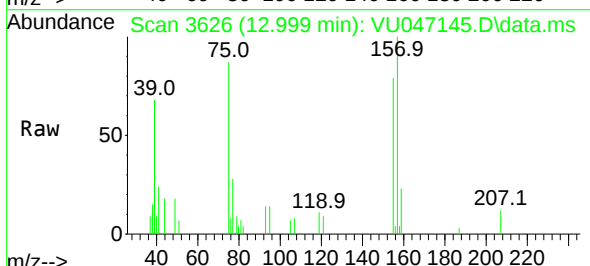
RT: 12.999 min Scan# 3626

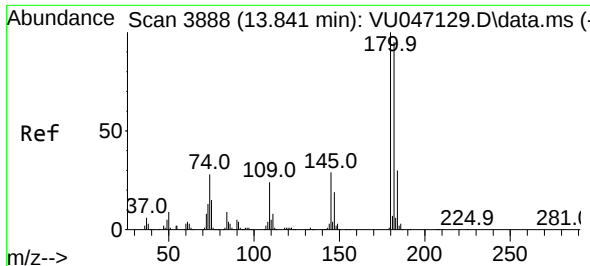
Delta R.T. 0.000 min

Lab File: VU047145.D

Acq: 15 Feb 2022 11:26

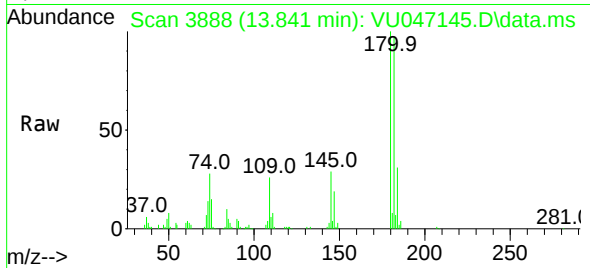
Tgt Ion:	75	Resp:	5461
Ion Ratio	Lower	Upper	
75	100		
155	79.8	57.8	86.8
157	109.2	75.1	112.7





#87
1,2,4-Trichlorobenzene
Concen: 2.027 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

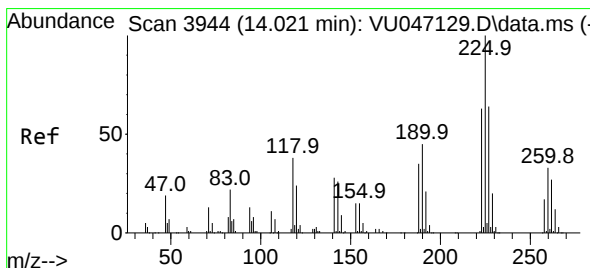
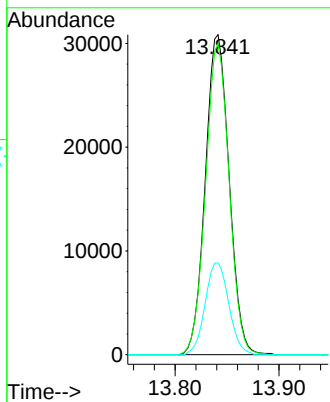
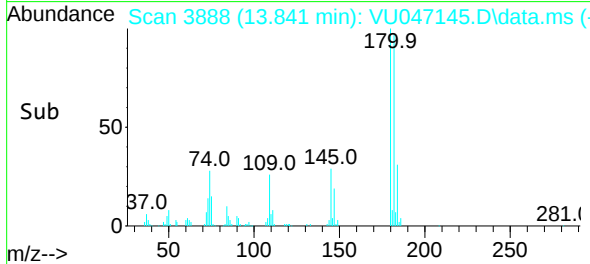
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



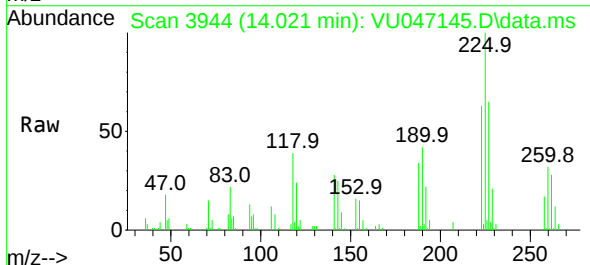
Tgt Ion:180 Resp: 49144
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.8
145 28.4 25.3 37.9

Manual Integrations
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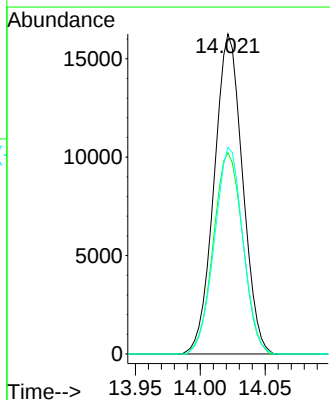
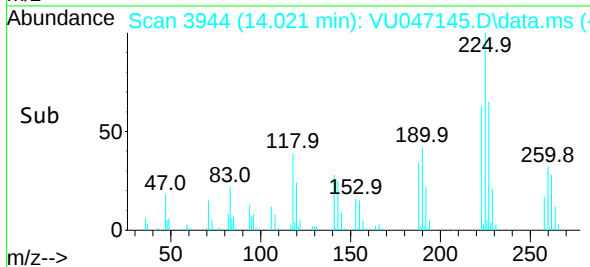
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022

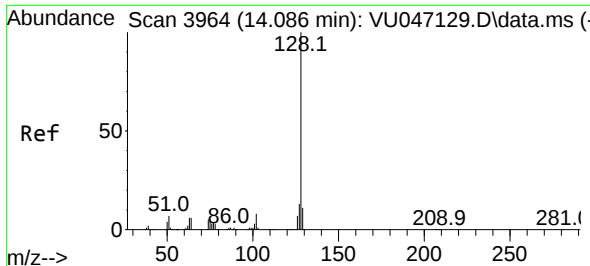


#88
Hexachlorobutadiene
Concen: 1.996 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



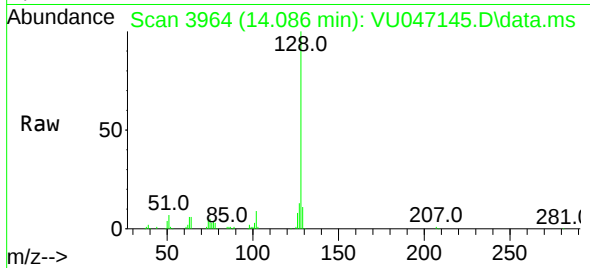
Tgt Ion:225 Resp: 24737
Ion Ratio Lower Upper
225 100
223 65.0 51.1 76.7
227 64.9 49.9 74.9





#89
Naphthalene
Concen: 1.969 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26

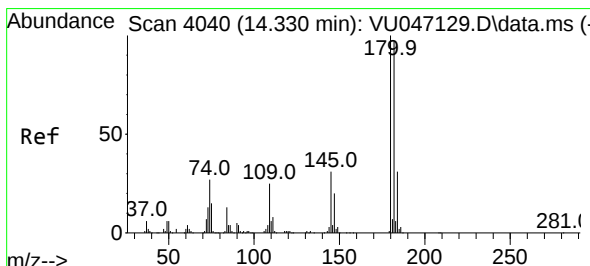
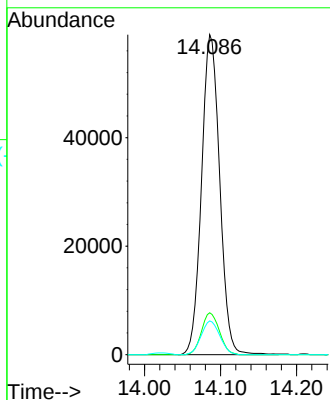
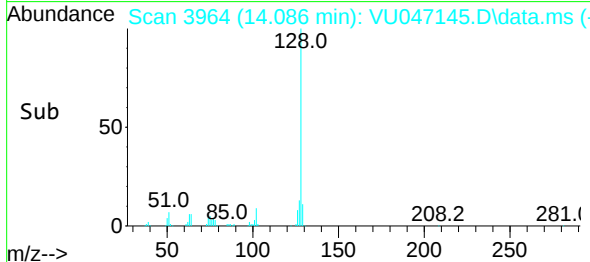
Instrument :
MSVOA_U
ClientSampleId :
VU0215WBS01



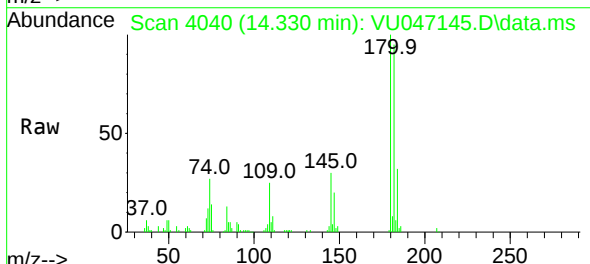
Tgt Ion:128 Resp: 97809
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/18/2022



#90
1,2,3-Trichlorobenzene
Concen: 2.075 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047145.D
Acq: 15 Feb 2022 11:26



Tgt Ion:180 Resp: 45127
Ion Ratio Lower Upper
180 100
182 97.0 75.4 113.0
145 30.9 27.0 40.4

