

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047131.D
 Acq On : 14 Feb 2022 13:44
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU021422

Quant Time: Feb 15 03:18:20 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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/15/2022

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

Internal Standards						
1) Fluorobenzene	6.118	96	54580	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	21635	1.023	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	22297	1.013	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	106613	5.858	ug/l	99
3) Chloromethane	1.530	50	151129	8.086	ug/l	100
4) Vinyl Chloride	1.610	62	152846	8.284	ug/l	99
5) Bromomethane	1.864	94	104191	8.644	ug/l	100
6) Chloroethane	1.941	64	98566	9.298	ug/l	100
7) Trichlorofluoromethane	2.147	101	205125	9.432	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	128884	10.282	ug/l	94
9) 1,1-Dichloroethene	2.588	96	124293	9.634	ug/l	98
10) Iodomethane	2.732	142	129222	8.556	ug/l	99
11) Allyl Chloride	2.932	41	207345	10.311	ug/l	90
12) Acrylonitrile	3.324	53	182787	48.272	ug/l	89
13) Acetone	2.642	43	215570	79.860	ug/l	99
14) Carbon Disulfide	2.803	76	372694	8.541	ug/l	99
15) Methylene Chloride	3.054	84	145520	10.043	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	136737	10.043	ug/l	98
17) 1,1-Dichloroethane	3.877	63	260760	10.453	ug/l	99
18) 2-Butanone	4.716	43	242279	63.511	ug/l	98
19) Cyclohexane	5.395	56	235115m	10.173	ug/l	
20) Methylcyclohexane	6.768	83	260554	10.228	ug/l	96
21) 2,2-Dichloropropane	4.671	77	233734	10.484	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	163955	10.470	ug/l	96
23) Diethyl Ether	2.382	59	102106	9.793	ug/l	98
24) tert-Butyl Alcohol	3.221	59	45740	67.453	ug/l #	95
25) Methyl tert-Butyl Ether	3.372	73	386485	10.683	ug/l	100
26) Bromochloromethane	4.980	128	66796	9.486	ug/l	92
27) Chloroform	5.096	83	261809	10.343	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	226541	10.337	ug/l	97
29) 1,1-Dichloropropene	5.530	75	202016	10.070	ug/l	98
30) Carbon Tetrachloride	5.530	117	200457	10.404	ug/l	99
31) Isopropyl Ether	4.002	45	440407	11.038	ug/l #	1
34) Propionitrile	4.790	54	121376	87.501	ug/l #	92
35) Benzene	5.781	78	586988	10.441	ug/l	99
36) 1,2-Dichloroethane	5.800	62	180749	10.619	ug/l	100
37) Trichloroethene	6.546	130	162319	10.429	ug/l	94
38) 1,2-Dichloropropane	6.797	63	158493	10.654	ug/l	100
39) Methacrylonitrile	4.980	41	53675	10.468	ug/l	99
40) Methyl acrylate	4.851	55	94898	10.949	ug/l #	91
41) Tetrahydrofuran	5.063	42	138123	52.881	ug/l	95
42) 1-Chlorobutane	5.462	56	278758	10.349	ug/l	99
43) Dibromomethane	6.922	93	86678	10.804	ug/l	91
44) Bromodichloromethane	7.108	83	208219	10.973	ug/l	98
45) 4-Methyl-2-Pentanone	7.793	43	573671	52.867	ug/l	100
46) t-1,4-Dichloro-2-butene	10.835	75	64953m	13.751	ug/l	

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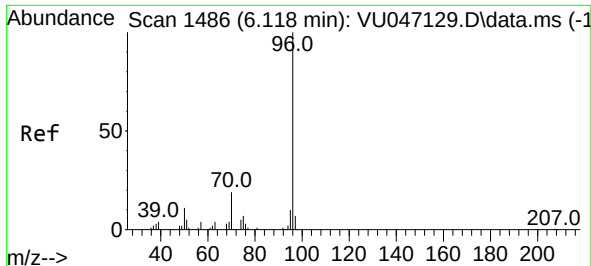
Manual Integrations
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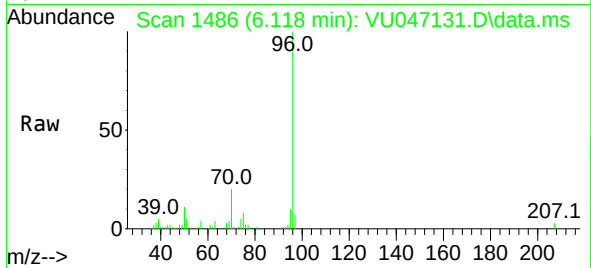
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.964	69	88147	10.476	ug/l	93
48) Ethyl methacrylate	8.337	69	183513	10.759	ug/l	96
49) Toluene	7.973	92	380938	10.505	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	227250	11.065	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	256919	11.158	ug/l	98
52) 1,1,2-Trichloroethane	8.404	97	123757	10.811	ug/l	100
53) 1,3-Dichloropropane	8.578	76	215945	10.558	ug/l	100
54) 2-Hexanone	8.687	43	465742	57.612	ug/l	99
55) Dibromochloromethane	8.813	129	151976	10.920	ug/l	99
56) 1,2-Dibromoethane	8.928	107	123131	10.644	ug/l	98
58) Tetrachloroethene	8.555	164	151549	10.552	ug/l	98
59) Chlorobenzene	9.449	112	420373	10.397	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	152759	10.992	ug/l	99
61) Pentachloroethane	11.430	117	122691	11.630	ug/l	85
62) Hexachloroethane	12.478	117	127026	11.152	ug/l #	80
63) Ethyl Benzene	9.575	91	759265	10.682	ug/l	99
64) m/p-Xylenes	9.697	106	595207	21.969	ug/l	97
65) o-Xylene	10.102	106	289560	11.033	ug/l	96
66) Styrene	10.118	104	493591	11.081	ug/l	97
67) Bromoform	10.295	173	99813	11.318	ug/l #	98
69) Isopropylbenzene	10.488	105	770229	10.913	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	164891	10.655	ug/l	98
71) 1,2,3-Trichloropropane	10.829	75	122719m	9.396	ug/l	
72) Bromobenzene	10.784	156	186863	10.840	ug/l	88
73) n-propylbenzene	10.909	120	217625	11.200	ug/l	88
74) 2-Chlorotoluene	10.989	126	182933	11.043	ug/l	88
75) 1,3,5-Trimethylbenzene	11.089	105	648955	11.211	ug/l	98
76) 4-Chlorotoluene	11.099	126	191962	11.030	ug/l	84
77) tert-Butylbenzene	11.423	119	644357	11.094	ug/l	95
78) 1,2,4-Trimethylbenzene	11.468	105	647661	10.964	ug/l	98
79) sec-Butylbenzene	11.645	105	867299	11.245	ug/l	98
80) Nitrobenzene	13.208	77	7857	10.515	ug/l	97
81) p-Isopropyltoluene	11.796	119	729515	11.178	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	376171	11.210	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	376847	11.148	ug/l	98
84) n-Butylbenzene	12.211	91	705038	11.250	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	357288	11.061	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	29339	10.339	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.841	180	281553	11.101	ug/l	99
88) Hexachlorobutadiene	14.025	225	148871	11.480	ug/l	98
89) Naphthalene	14.086	128	560431	10.788	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	255956	11.251	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047131.D
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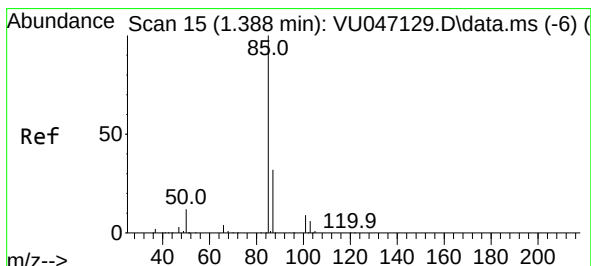
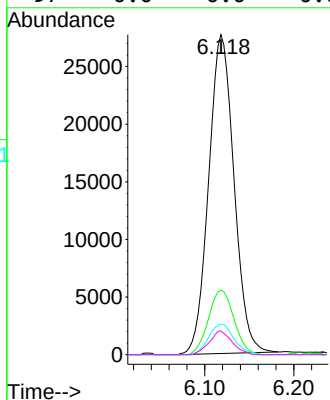
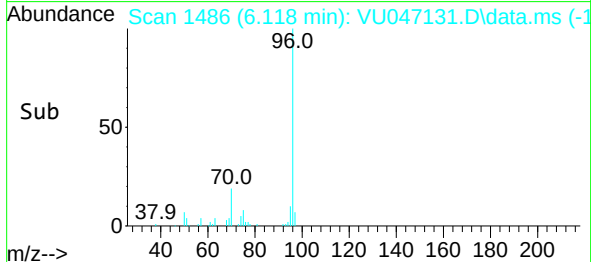
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion: 96 Resp: 54580
Ion Ratio Lower Upper
96 100
70 20.4 16.8 25.2
95 9.6 7.3 10.9
97 0.0 0.0 0.0

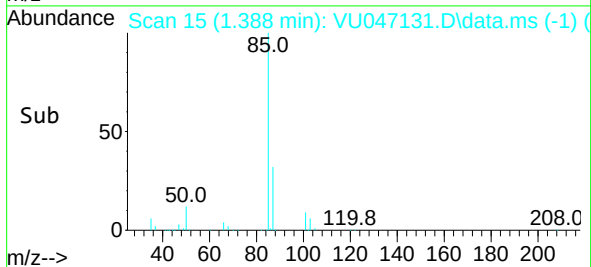
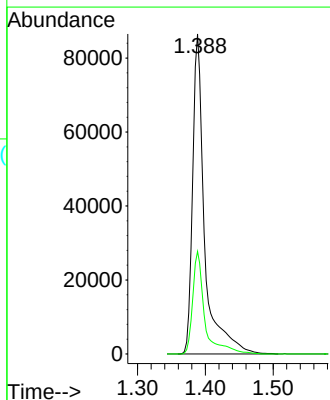
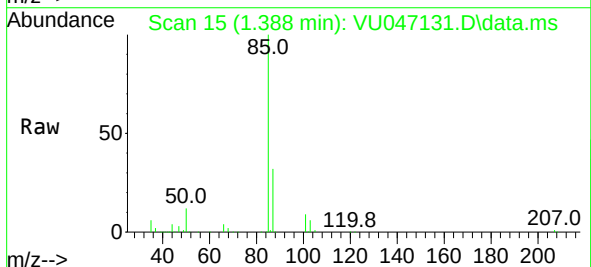
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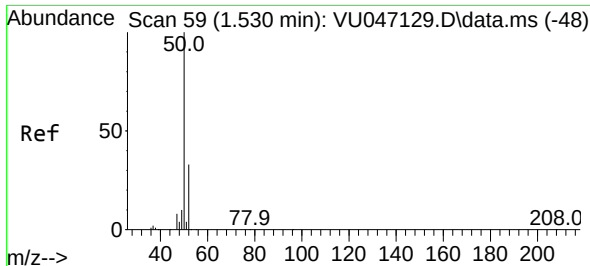
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#2
Dichlorodifluoromethane
Concen: 5.858 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

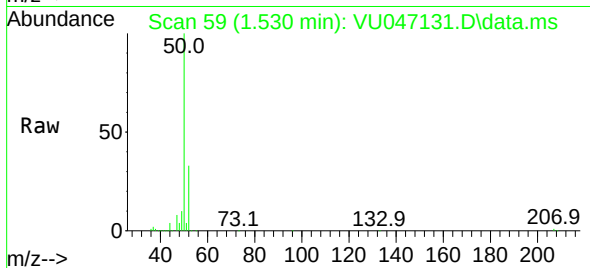
Tgt Ion: 85 Resp: 106613
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6





#3
Chloromethane
Concen: 8.086 ug/l
RT: 1.530 min Scan# 59
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

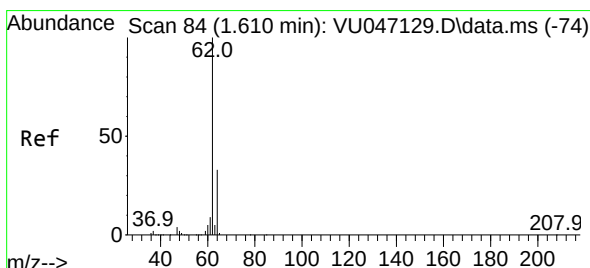
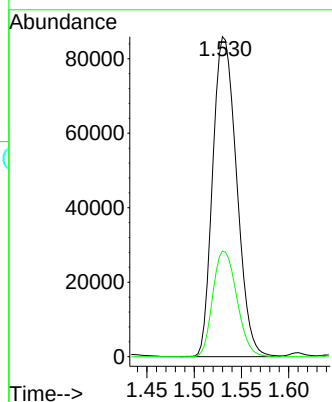
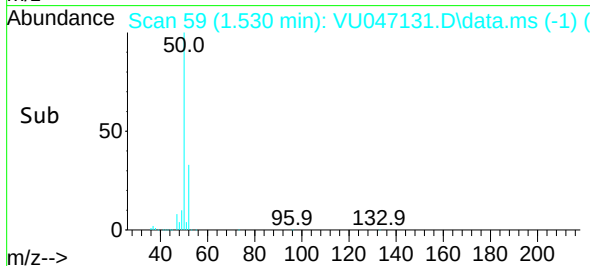
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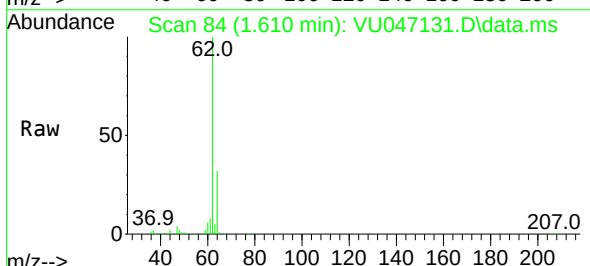
Tgt Ion: 50 Resp: 151129
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4

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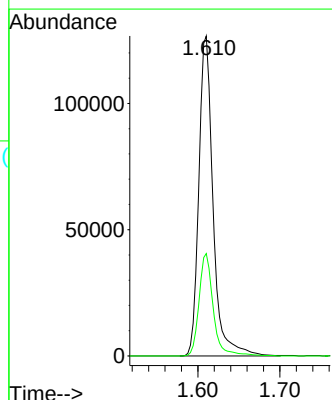
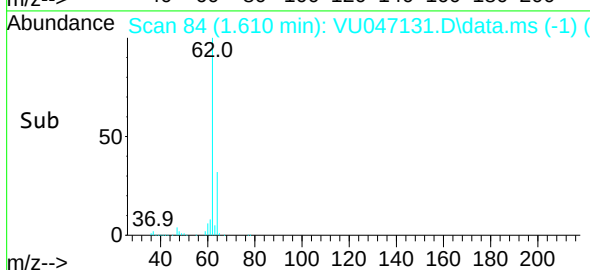
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

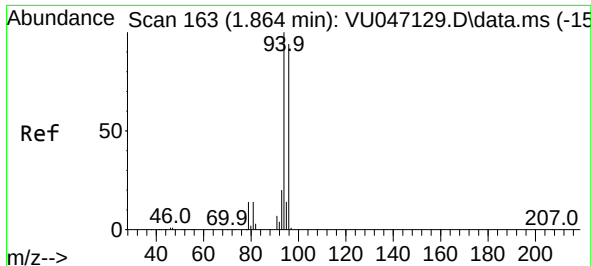


#4
Vinyl Chloride
Concen: 8.284 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



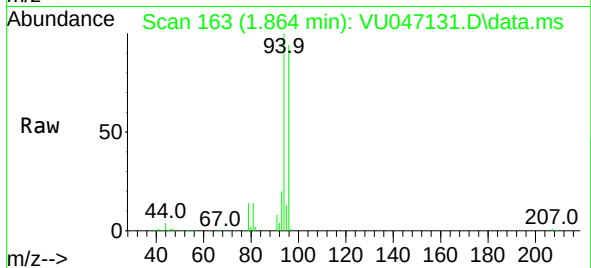
Tgt Ion: 62 Resp: 152846
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0





#5
Bromomethane
Concen: 8.644 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

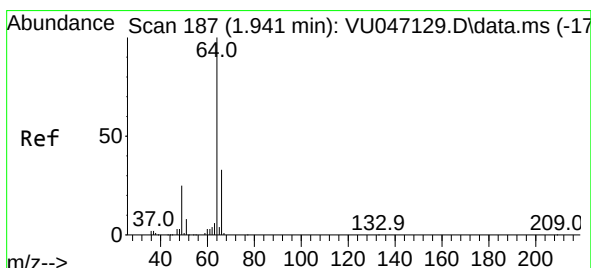
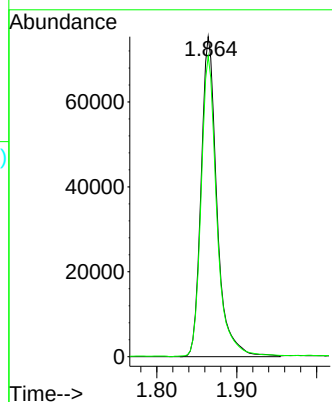
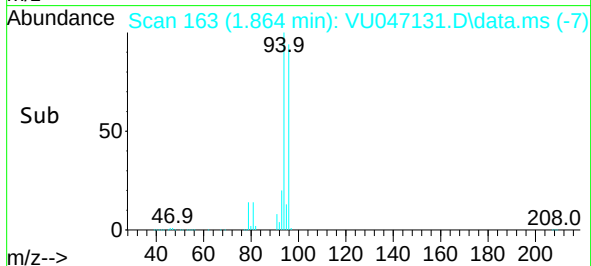
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion: 94 Resp: 10419
Ion Ratio Lower Upper
94 100
96 93.7 75.0 112.4

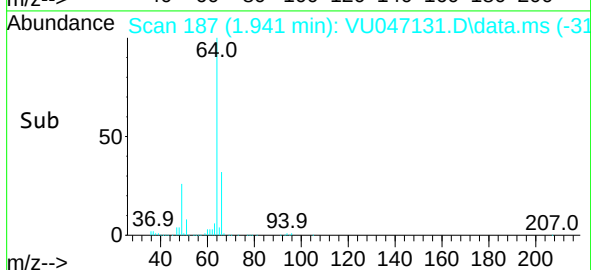
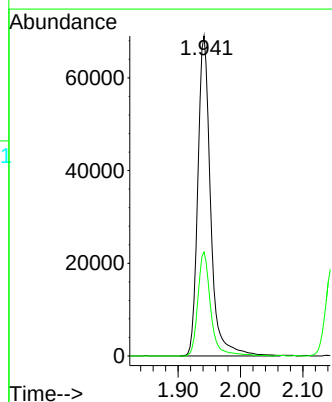
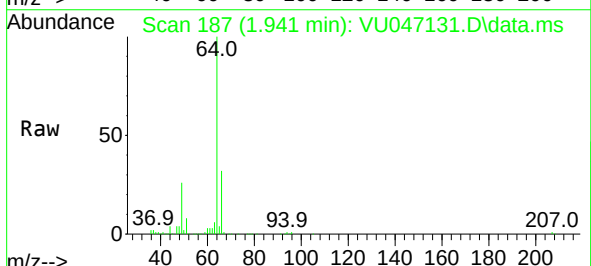
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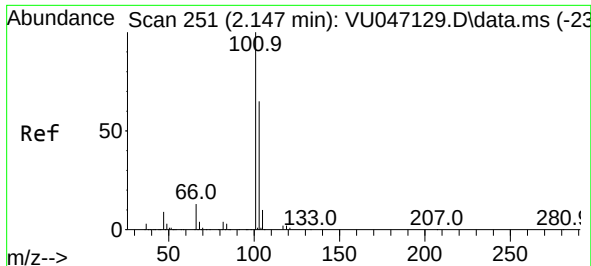
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#6
Chloroethane
Concen: 9.298 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

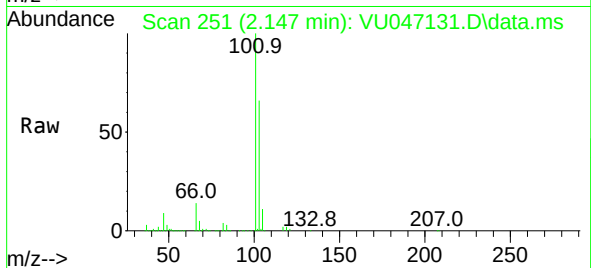
Tgt Ion: 64 Resp: 98566
Ion Ratio Lower Upper
64 100
66 32.5 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 9.432 ug/l
 RT: 2.147 min Scan# 251
 Delta R.T. 0.000 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44

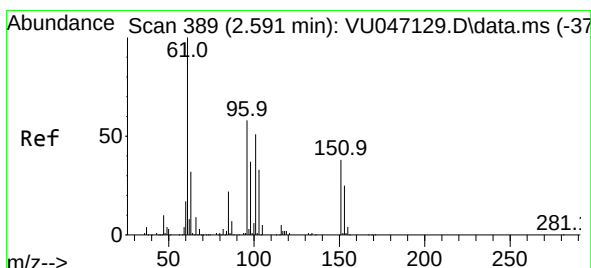
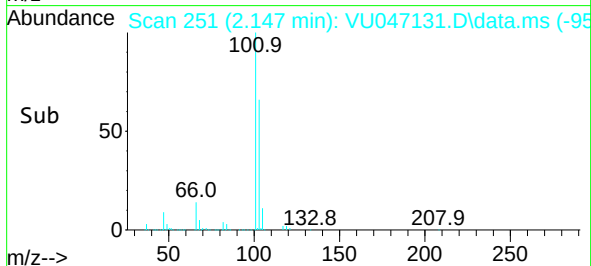
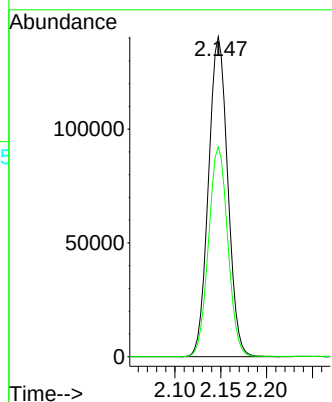
Instrument : MSVOA_U
 ClientSampleId : ICVVU021422



Tgt Ion:101 Resp: 205129
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.2

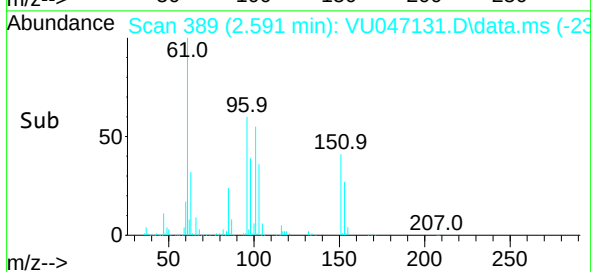
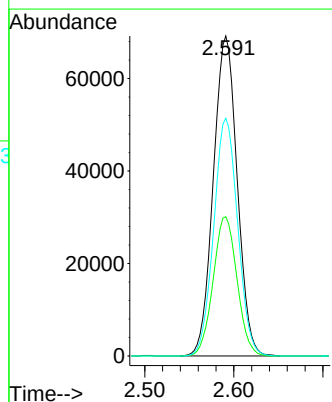
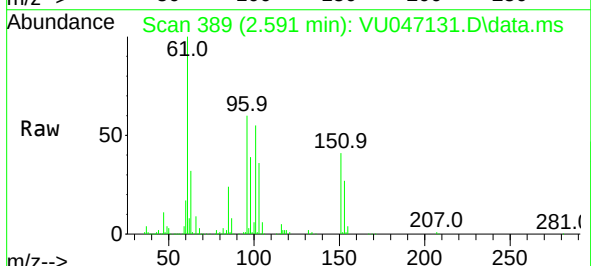
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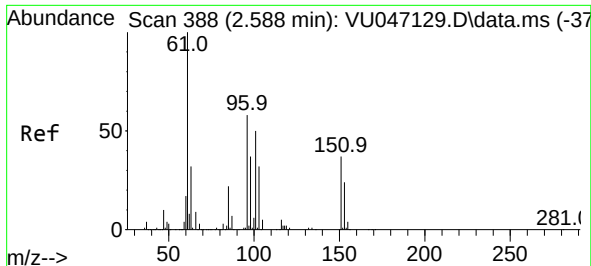
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#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.282 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44

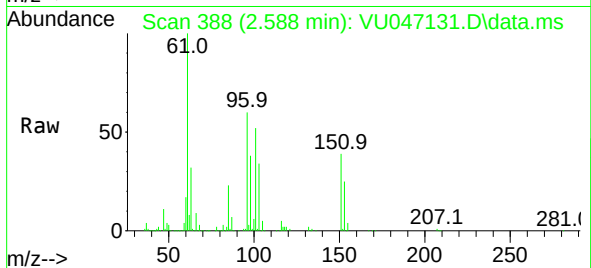
Tgt Ion:101 Resp: 128884
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.8 53.6
 151 74.6 54.6 81.8





#9
1,1-Dichloroethene
Concen: 9.634 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

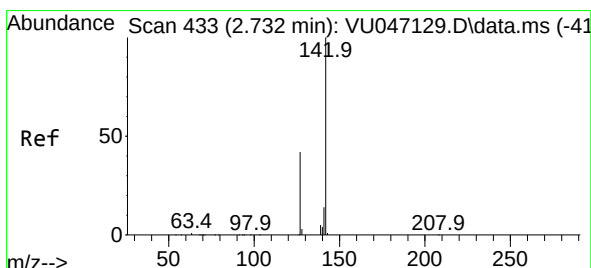
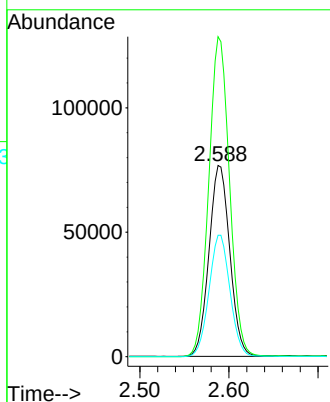
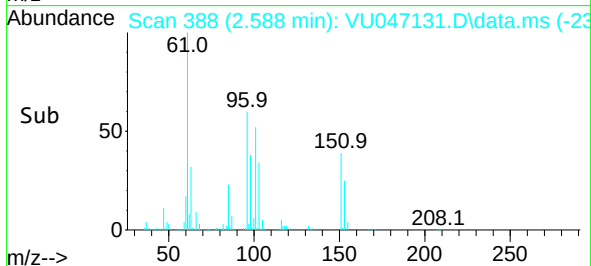
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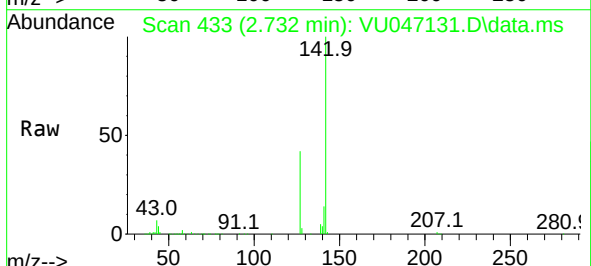
Tgt Ion: 96 Resp: 124293
Ion Ratio Lower Upper
96 100
61 167.7 0.0 514.2
98 63.6 0.0 126.4

Manual Integrations
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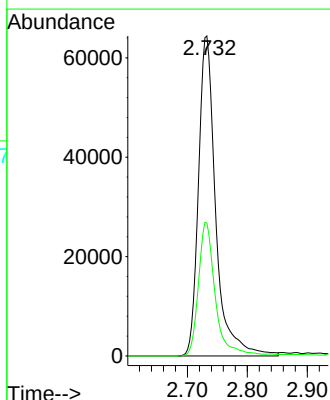
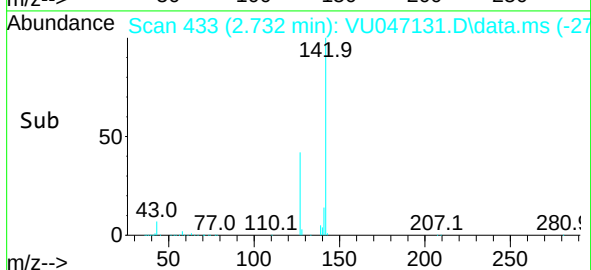
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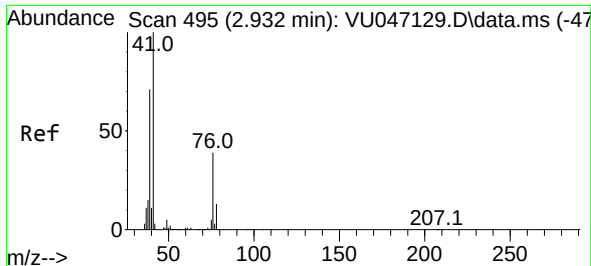


#10
Iodomethane
Concen: 8.556 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



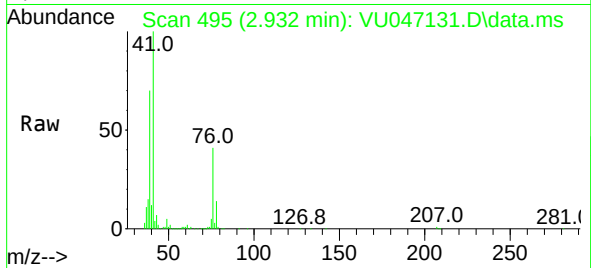
Tgt Ion:142 Resp: 129222
Ion Ratio Lower Upper
142 100
127 40.7 33.2 49.8





#11
 Allyl Chloride
 Concen: 10.311 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44

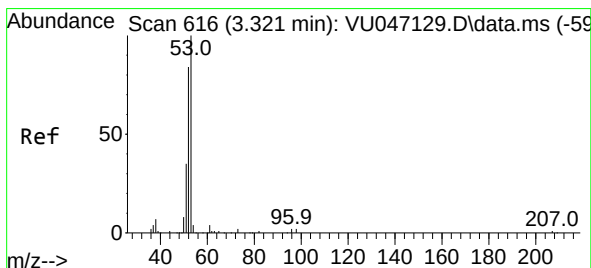
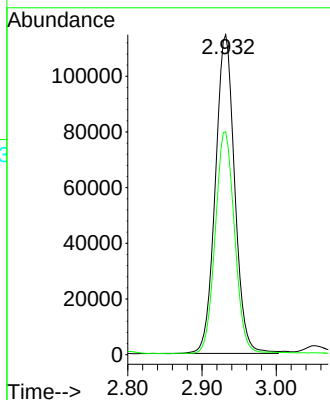
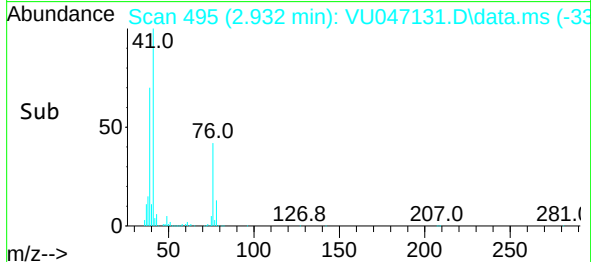
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021422



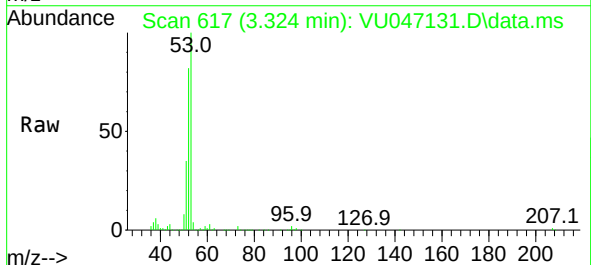
Tgt Ion: 41 Resp: 207349
 Ion Ratio Lower Upper
 41 100
 39 69.3 62.4 93.6

Manual Integrations
 APPROVED

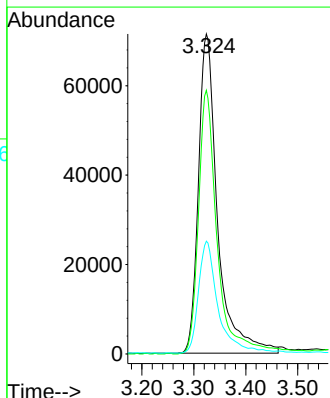
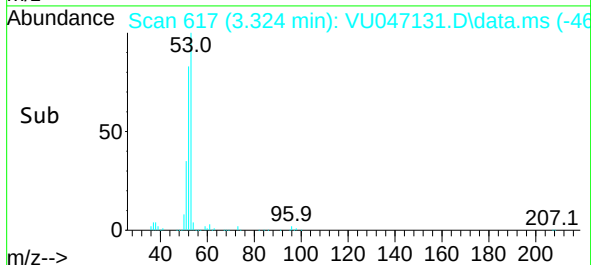
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

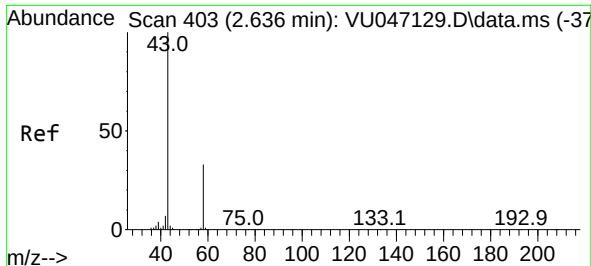


#12
 Acrylonitrile
 Concen: 48.272 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44



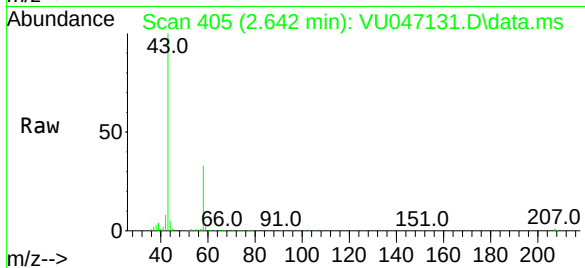
Tgt Ion: 53 Resp: 182787
 Ion Ratio Lower Upper
 53 100
 52 81.9 56.7 85.1
 51 34.7 30.3 45.5





#13
Acetone
Concen: 79.860 ug/l
RT: 2.642 min Scan# 403
Delta R.T. 0.006 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

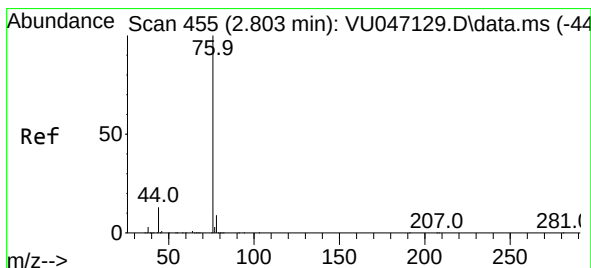
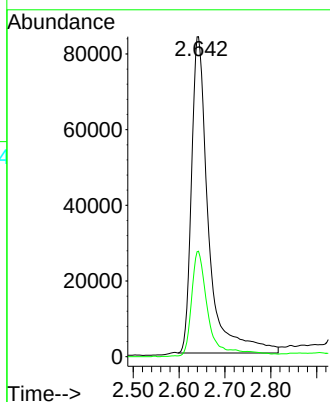
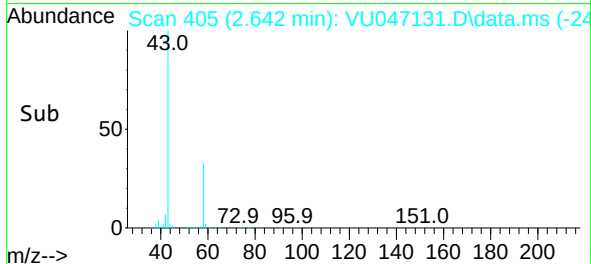
Instrument :
MSVOA_U
Client Sample Id :
ICVVU021422



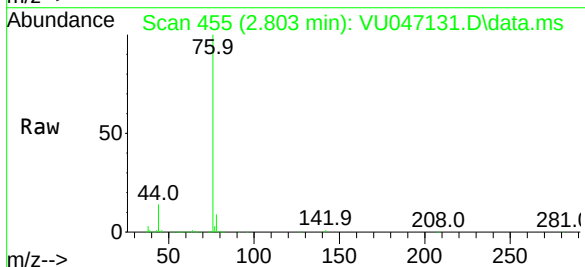
Tgt Ion: 43 Resp: 215570
Ion Ratio Lower Upper
43 100
58 33.1 27.1 40.7

Manual Integrations
APPROVED

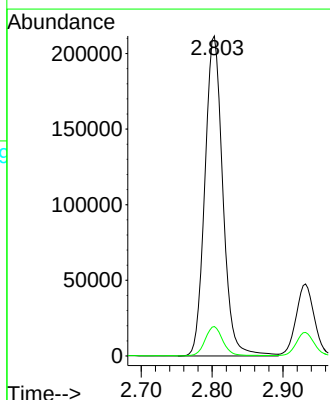
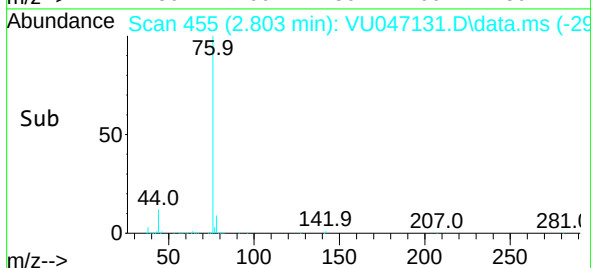
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

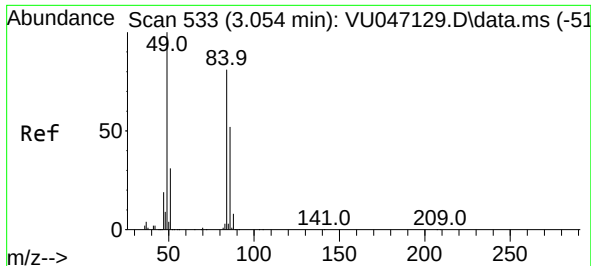


#14
Carbon Disulfide
Concen: 8.541 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



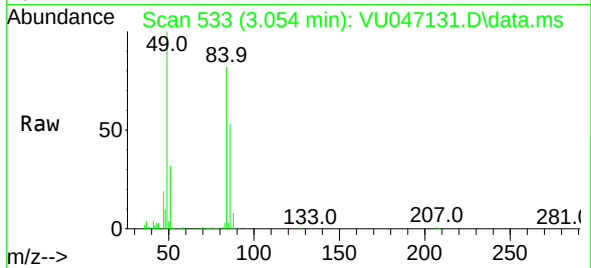
Tgt Ion: 76 Resp: 372694
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#15
Methylene Chloride
Concen: 10.043 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

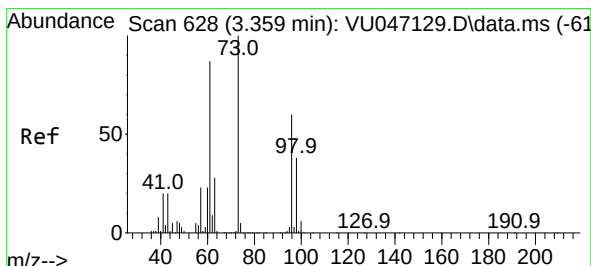
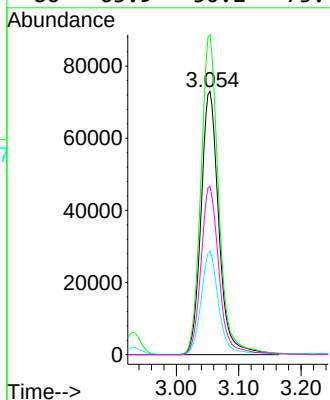
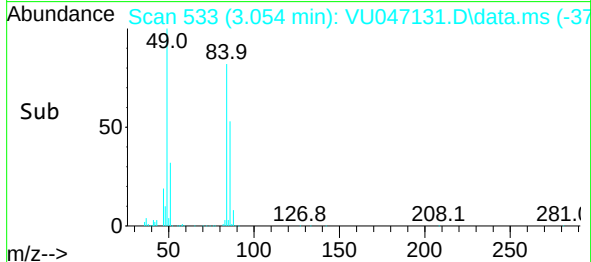
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



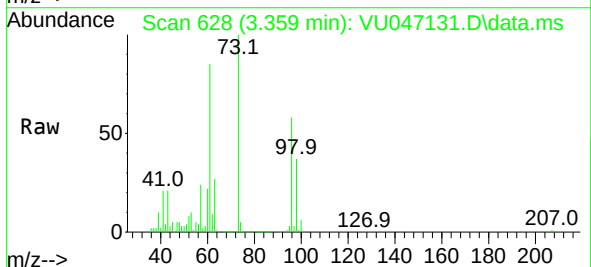
Tgt Ion: 84 Resp: 145520
Ion Ratio Lower Upper
84 100
49 121.6 97.2 145.8
51 39.1 0.0 73.4
86 63.9 50.2 75.4

Manual Integrations
APPROVED

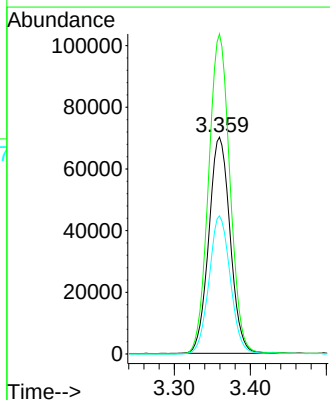
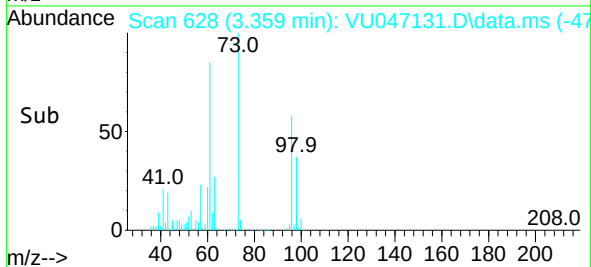
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

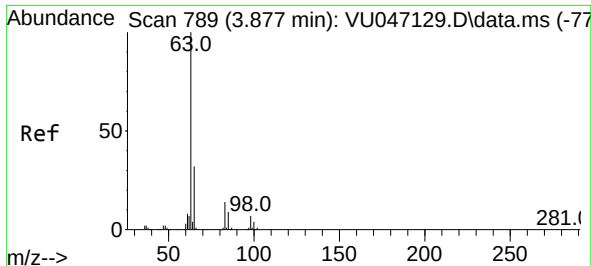


#16
trans-1,2-Dichloroethene
Concen: 10.043 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



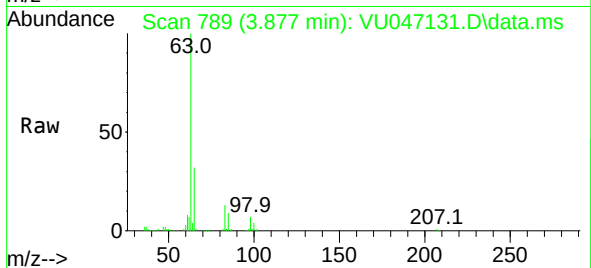
Tgt Ion: 96 Resp: 136737
Ion Ratio Lower Upper
96 100
61 147.9 115.8 173.6
98 63.9 51.1 76.7





#17
1,1-Dichloroethane
Concen: 10.453 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

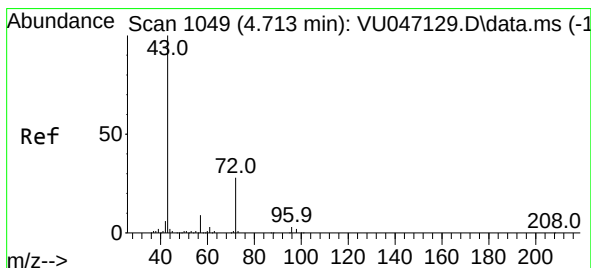
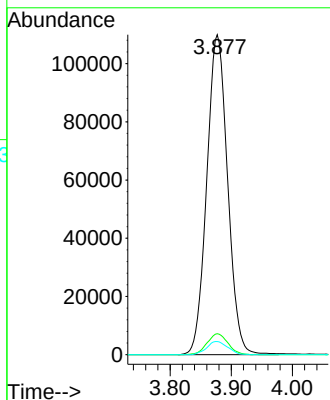
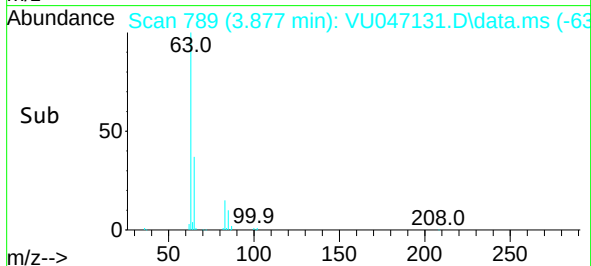
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



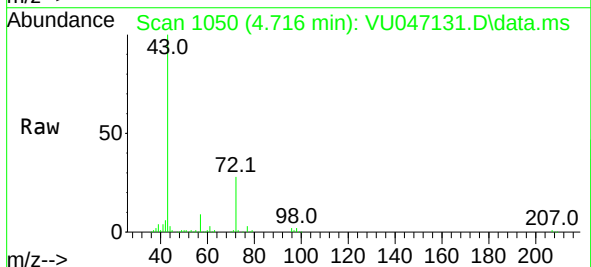
Tgt Ion: 63 Resp: 260760
Ion Ratio Lower Upper
63 100
98 6.6 3.6 10.8
100 4.1 2.1 6.5

Manual Integrations
APPROVED

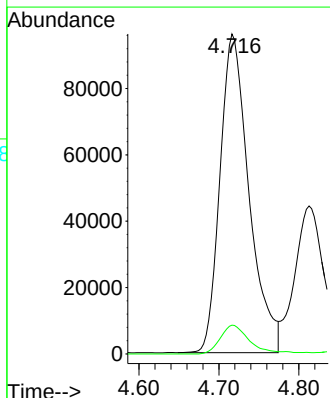
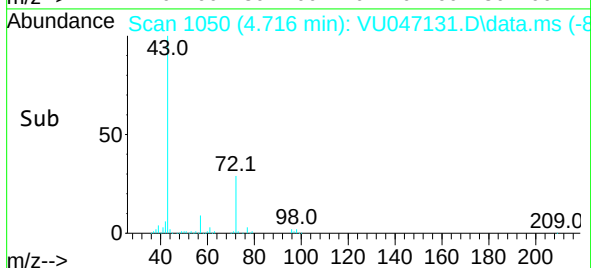
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

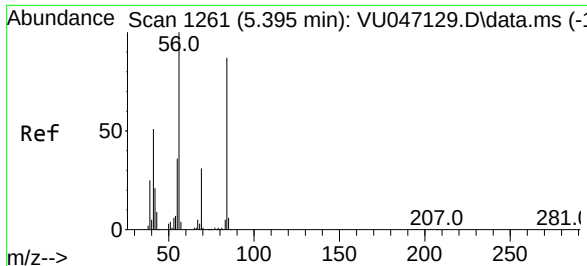


#18
2-Butanone
Concen: 63.511 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



Tgt Ion: 43 Resp: 242279
Ion Ratio Lower Upper
43 100
57 9.0 0.0 16.6





#19

Cyclohexane

Concen: 10.173 ug/l m

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047131.D

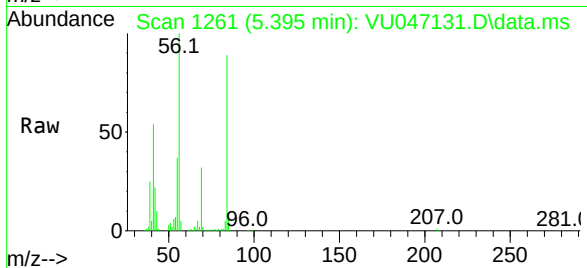
Acq: 14 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021422



Tgt Ion: 56 Resp: 23511

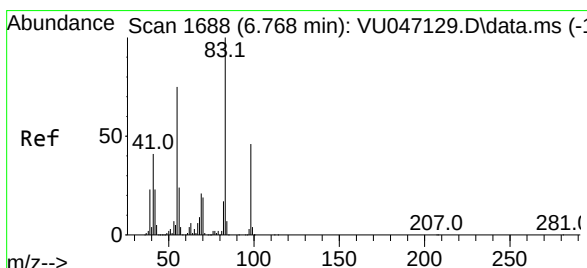
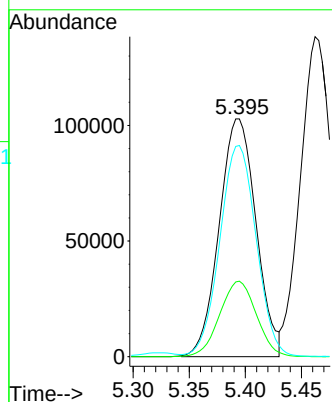
Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.7	37.1
84	86.4	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#20

Methylcyclohexane

Concen: 10.228 ug/l

RT: 6.768 min Scan# 1688

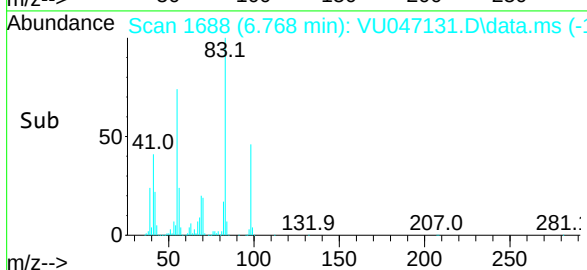
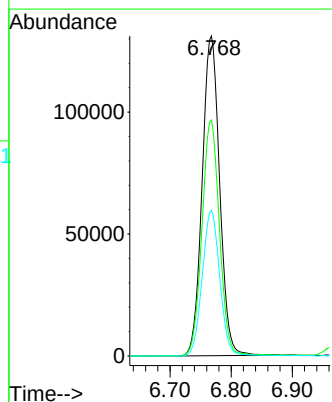
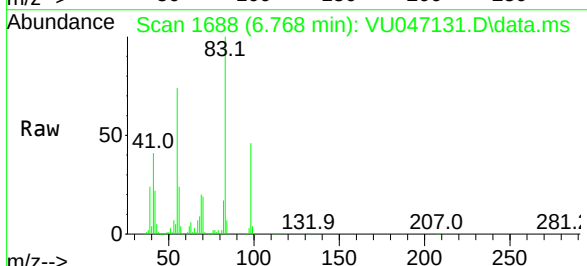
Delta R.T. 0.000 min

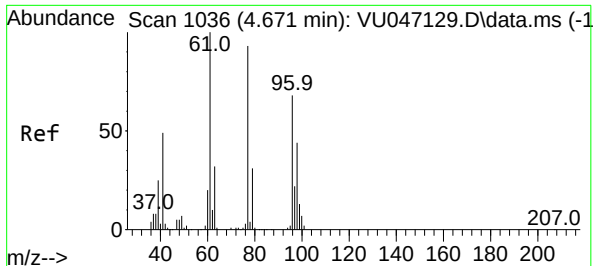
Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

Tgt Ion: 83 Resp: 260554

Ion	Ratio	Lower	Upper
83	100		
55	73.0	61.9	92.9
98	45.2	37.4	56.2





#21

2,2-Dichloropropane

Concen: 10.484 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021422

Tgt Ion: 77 Resp: 233734

Ion Ratio Lower Upper

77 100

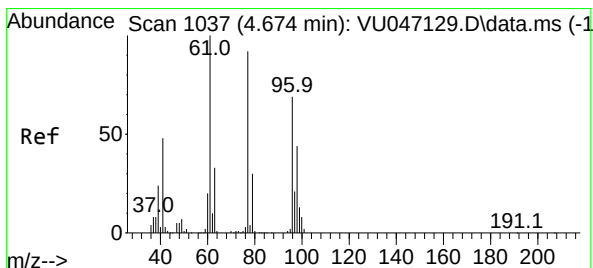
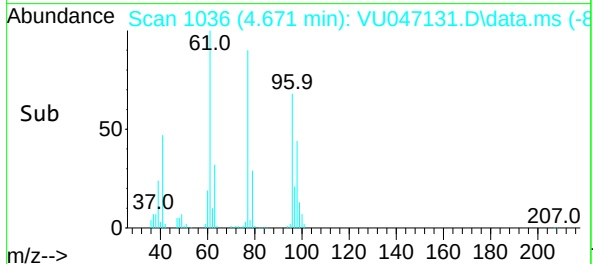
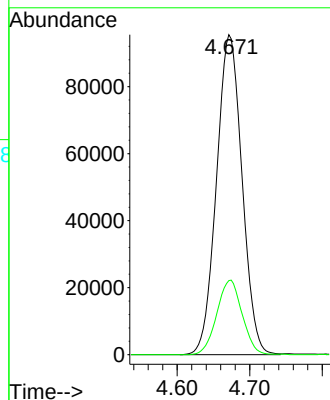
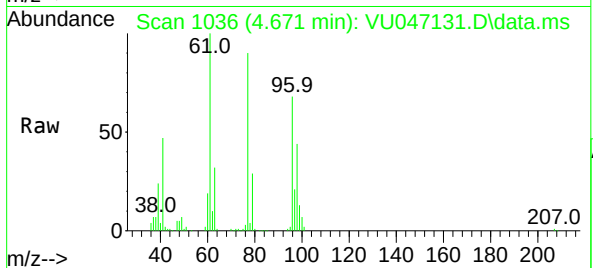
97 23.1 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#22

cis-1,2-Dichloroethene

Concen: 10.470 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

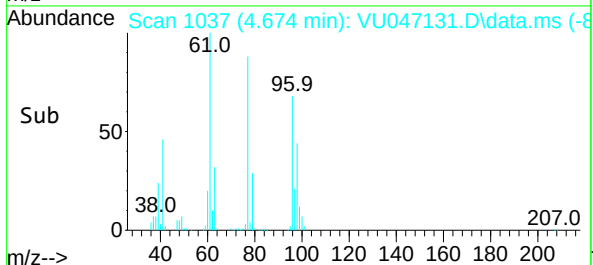
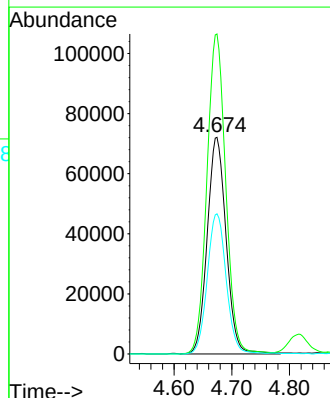
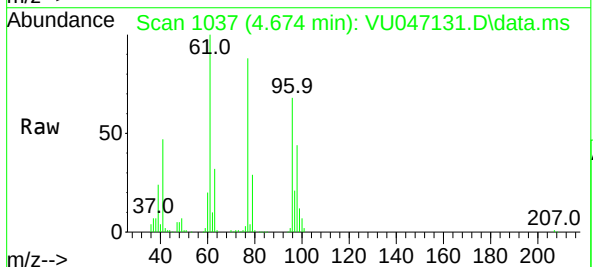
Tgt Ion: 96 Resp: 163955

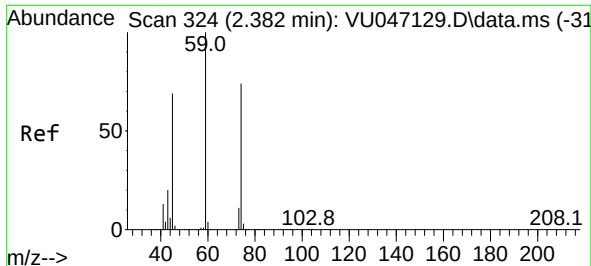
Ion Ratio Lower Upper

96 100

61 147.0 0.0 385.3

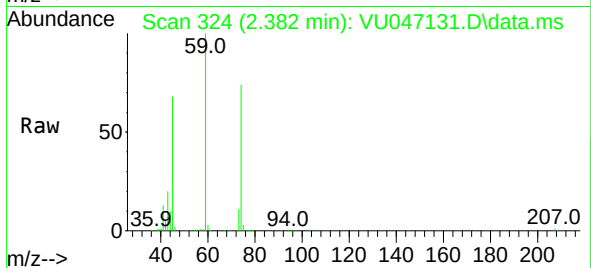
98 64.9 32.1 96.3





#23
Diethyl Ether
Concen: 9.793 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

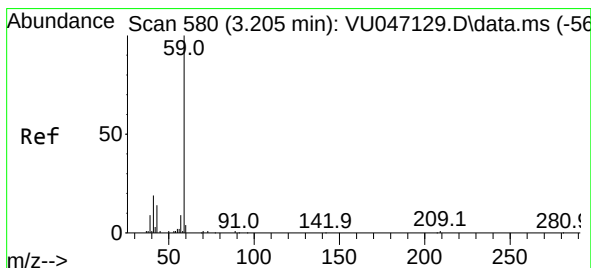
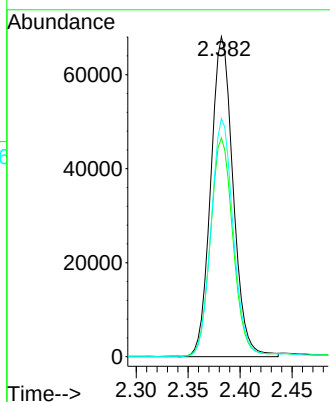
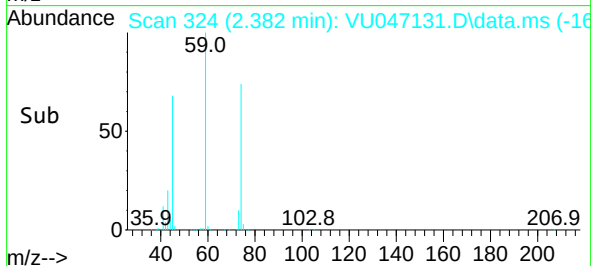
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion: 59 Resp: 102100
Ion Ratio Lower Upper
59 100
45 68.2 55.6 83.4
74 74.1 58.1 87.1

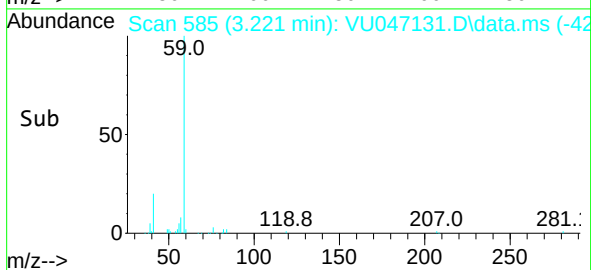
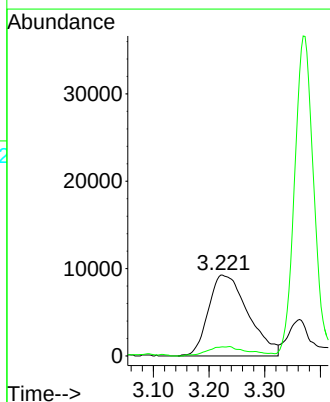
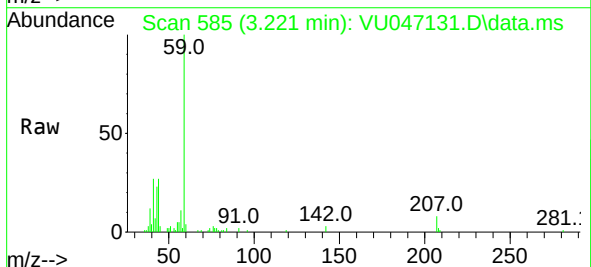
Manual Integrations
APPROVED

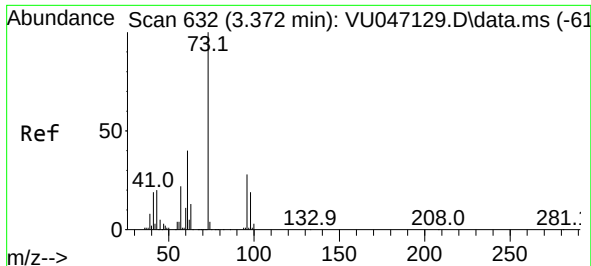
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#24
tert-Butyl Alcohol
Concen: 67.453 ug/l
RT: 3.221 min Scan# 585
Delta R.T. 0.016 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

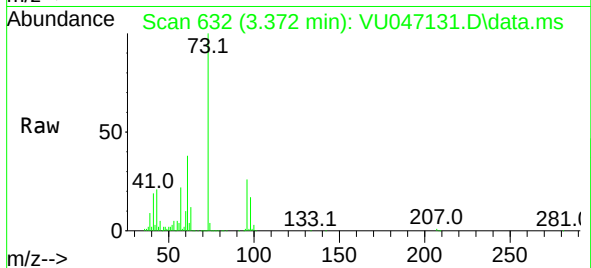
Tgt Ion: 59 Resp: 45740
Ion Ratio Lower Upper
59 100
57 10.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 10.683 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

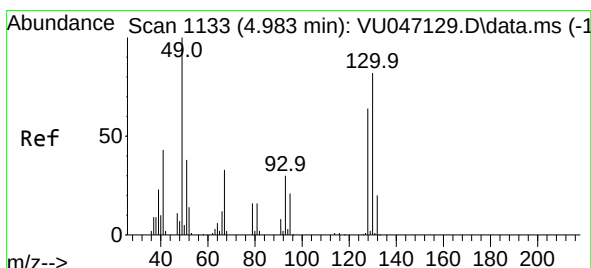
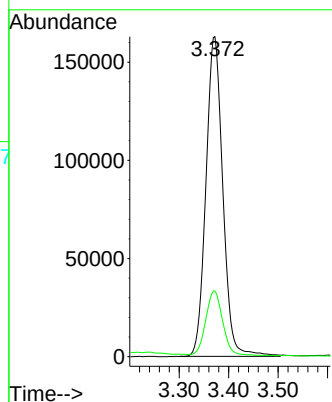
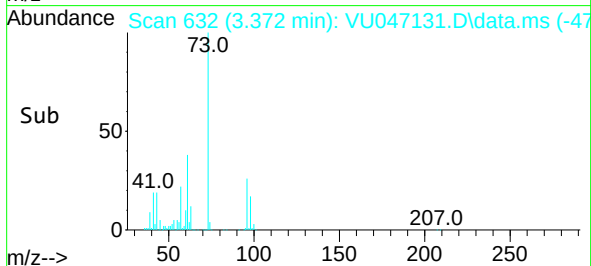
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion: 73 Resp: 38648
Ion Ratio Lower Upper
73 100
43 20.5 16.3 24.5

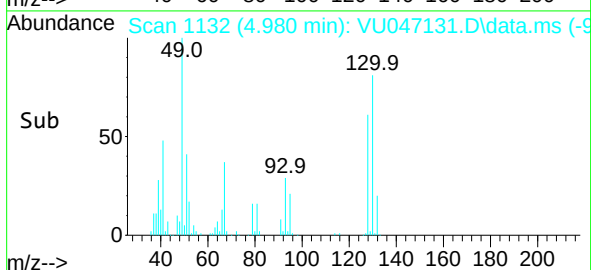
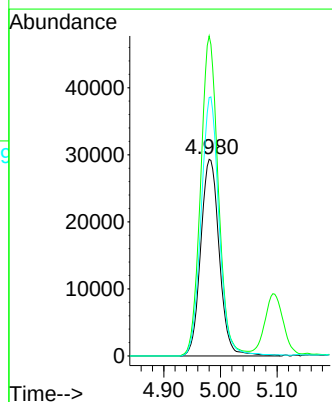
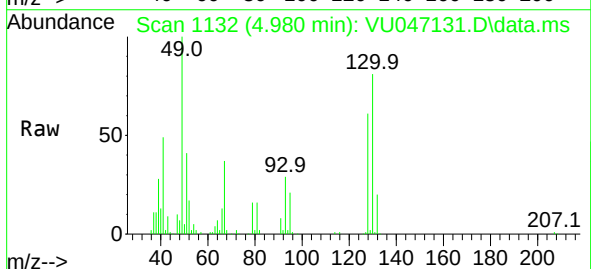
Manual Integrations
APPROVED

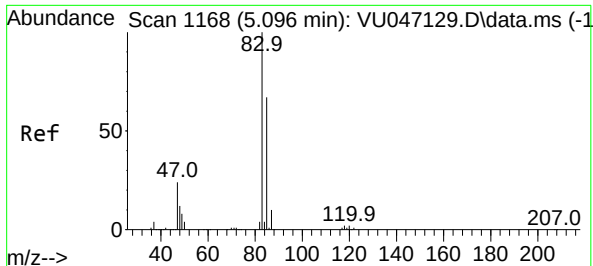
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#26
Bromochloromethane
Concen: 9.486 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

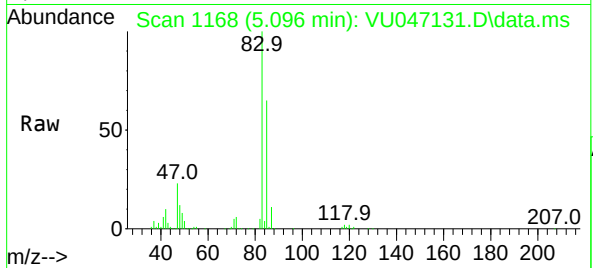
Tgt Ion:128 Resp: 66796
Ion Ratio Lower Upper
128 100
49 154.6 0.0 347.4
130 127.1 101.5 152.3





#27
Chloroform
Concen: 10.343 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

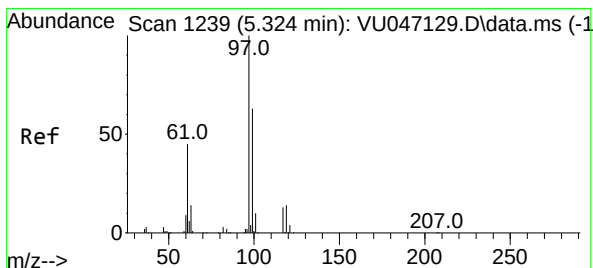
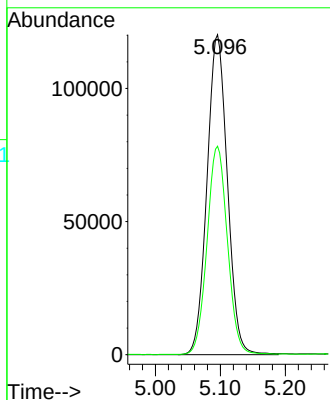
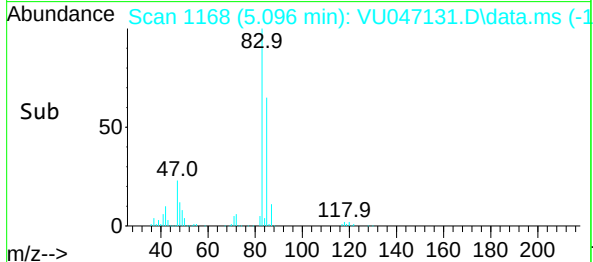
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



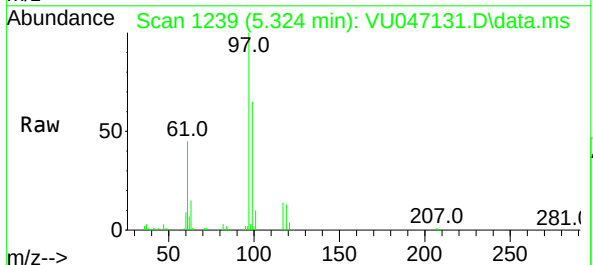
Tgt Ion: 83 Resp: 261809
Ion Ratio Lower Upper
83 100
85 65.0 0.0 129.2

Manual Integrations
APPROVED

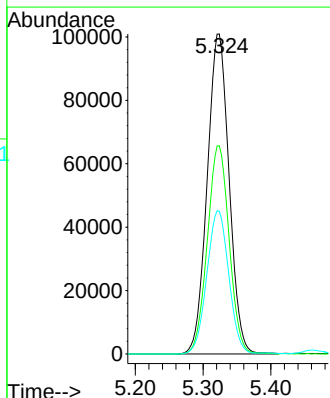
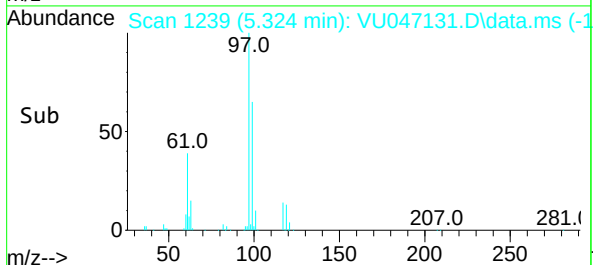
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

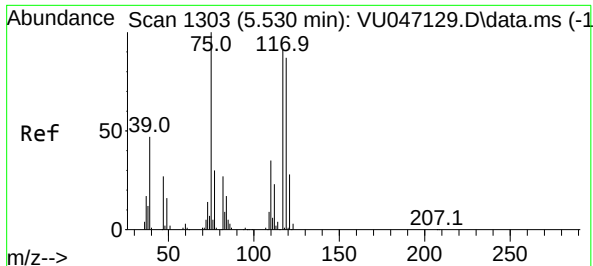


#28
1,1,1-Trichloroethane
Concen: 10.337 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



Tgt Ion: 97 Resp: 226541
Ion Ratio Lower Upper
97 100
99 64.8 32.2 96.6
61 44.8 24.5 73.5





#29

1,1-Dichloropropene

Concen: 10.070 ug/l

RT: 5.530 min Scan# 110

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021422

Tgt Ion: 75 Resp: 202010

Ion Ratio Lower Upper

75 100

110 35.5 16.8 50.3

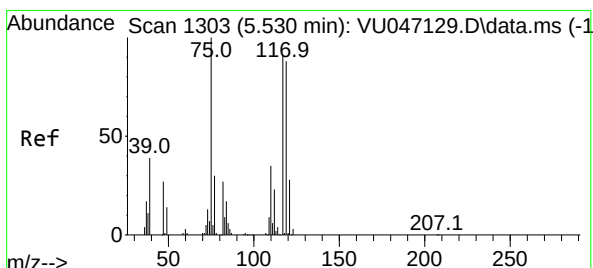
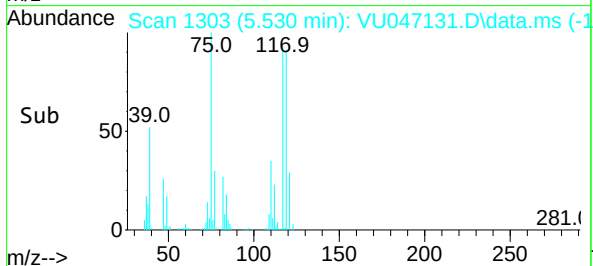
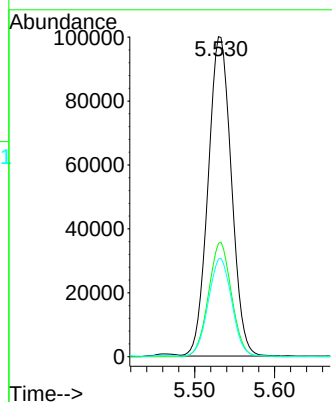
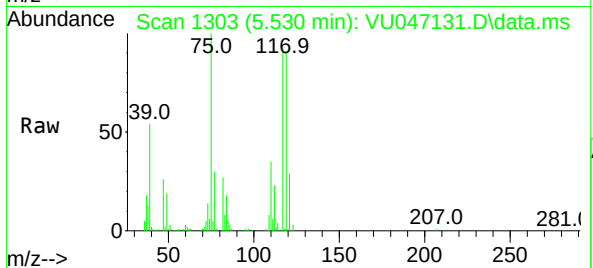
77 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#30

Carbon Tetrachloride

Concen: 10.404 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

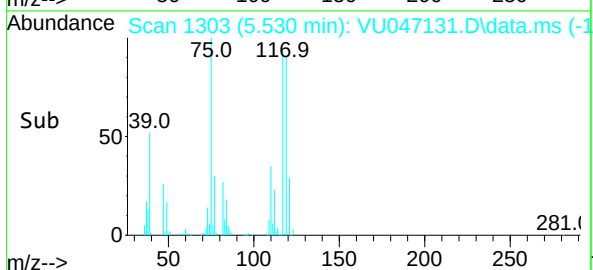
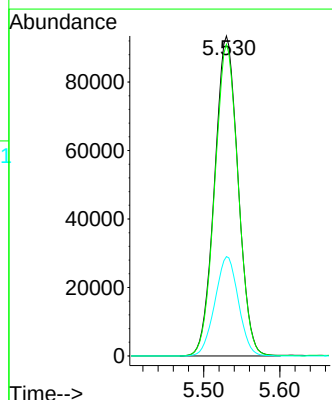
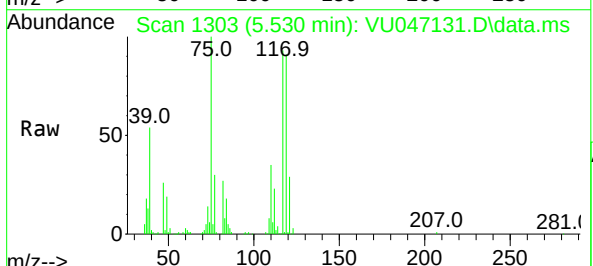
Tgt Ion:117 Resp: 200457

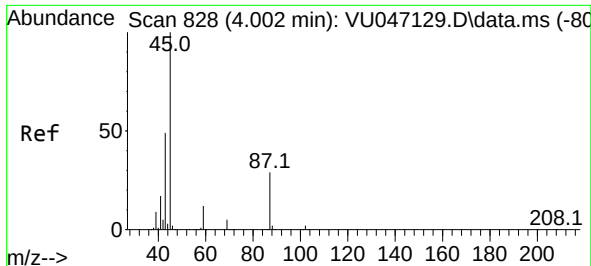
Ion Ratio Lower Upper

117 100

119 97.4 76.8 115.2

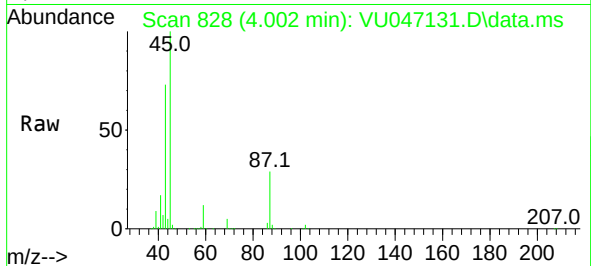
121 31.1 24.6 37.0





#31
Isopropyl Ether
Concen: 11.038 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

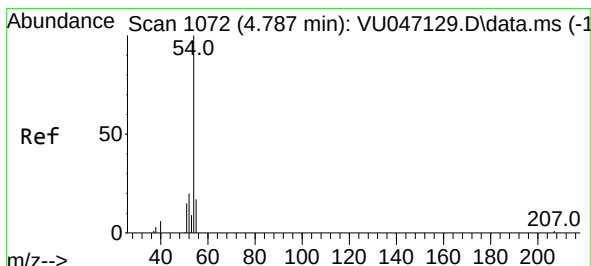
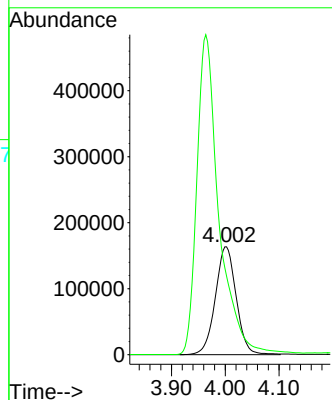
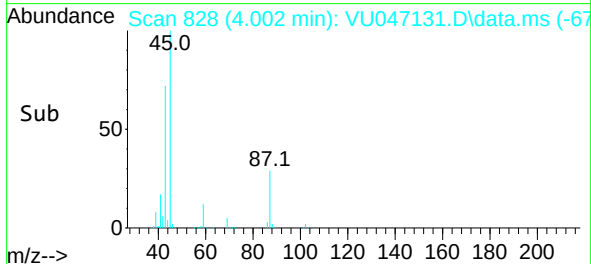
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



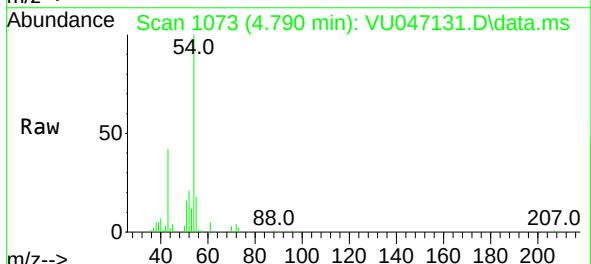
Tgt Ion: 45 Resp: 44040
Ion Ratio Lower Upper
45 100
43 313.8 25.3 75.8

Manual Integrations
APPROVED

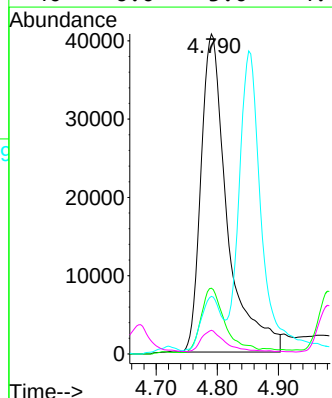
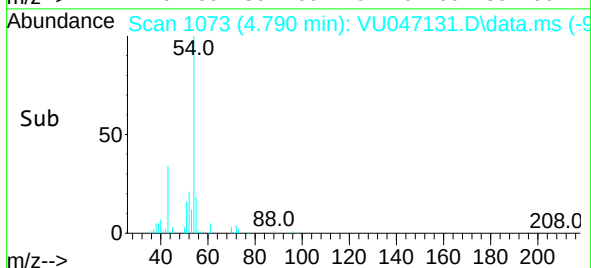
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

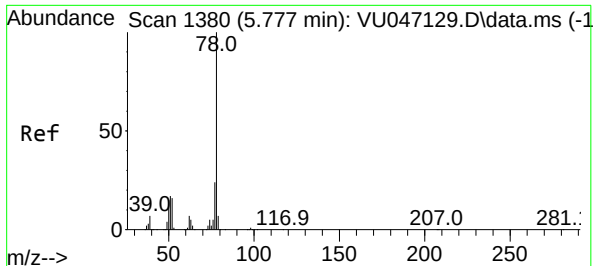


#34
Propionitrile
Concen: 87.501 ug/l
RT: 4.790 min Scan# 1073
Delta R.T. 0.003 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



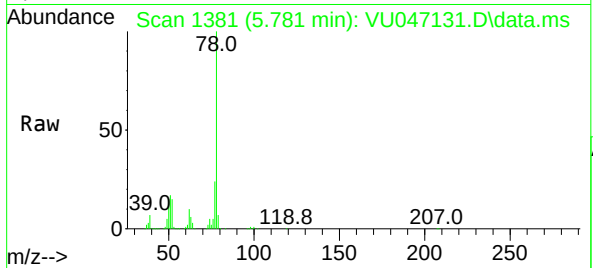
Tgt Ion: 54 Resp: 121376
Ion Ratio Lower Upper
54 100
52 18.4 11.9 17.9#
55 13.2 8.0 12.0#
40 6.0 3.0 4.4#





#35
Benzene
Concen: 10.441 ug/l
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

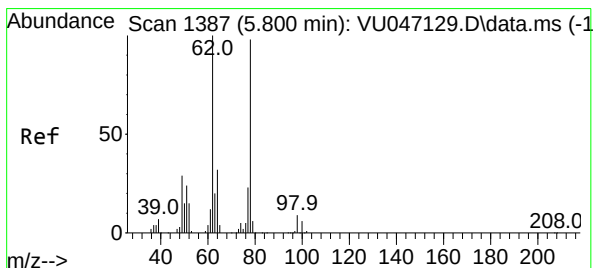
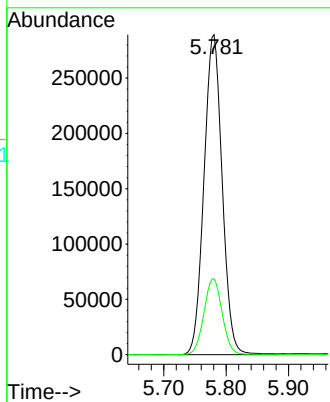
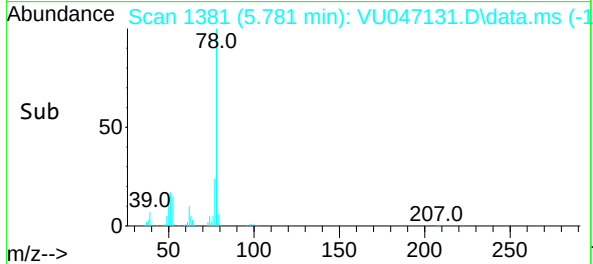
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



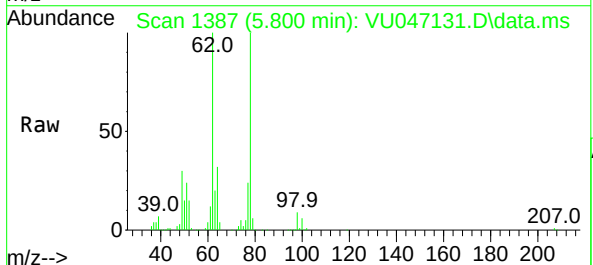
Tgt Ion: 78 Resp: 586988
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

Manual Integrations
APPROVED

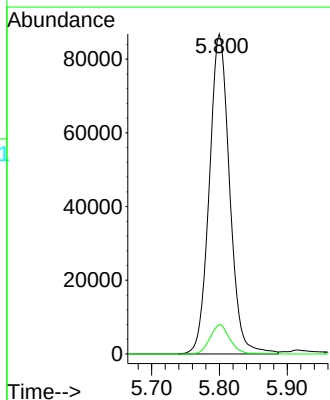
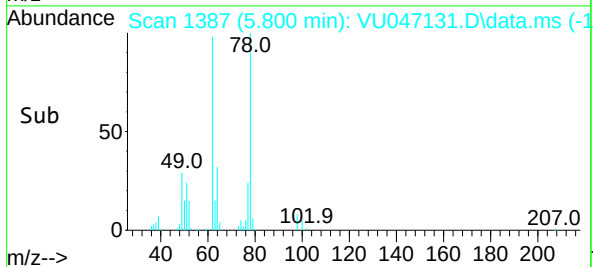
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

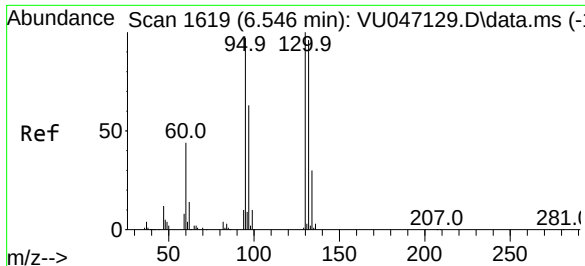


#36
1,2-Dichloroethane
Concen: 10.619 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



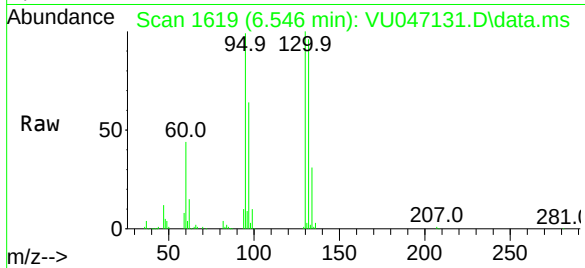
Tgt Ion: 62 Resp: 180749
Ion Ratio Lower Upper
62 100
98 9.0 7.3 10.9





#37
Trichloroethene
Concen: 10.429 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

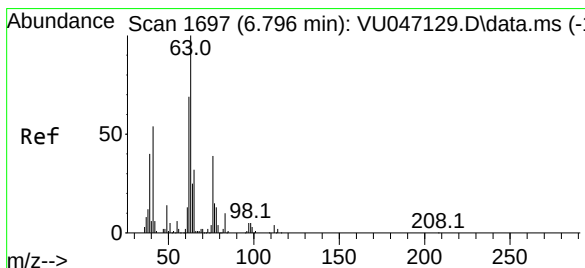
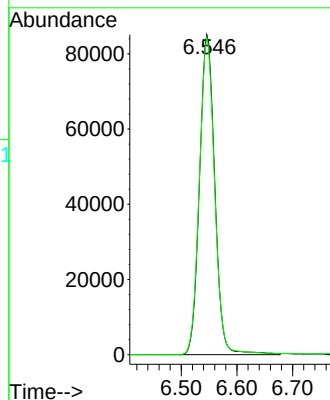
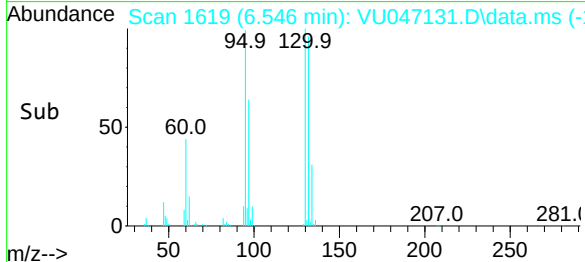
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



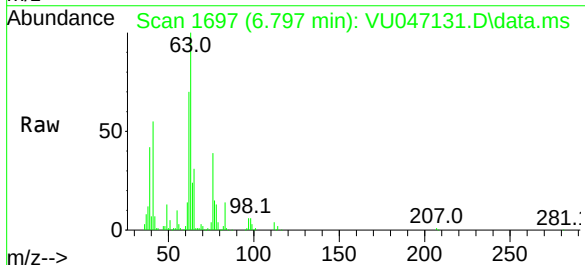
Tgt Ion:130 Resp: 162319
Ion Ratio Lower Upper
130 100
95 99.0 83.8 125.8

Manual Integrations
APPROVED

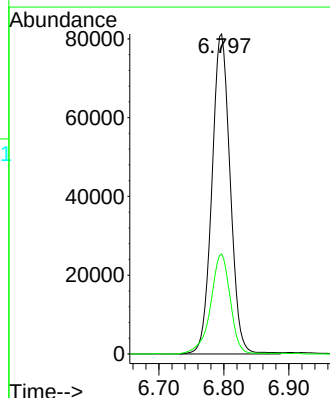
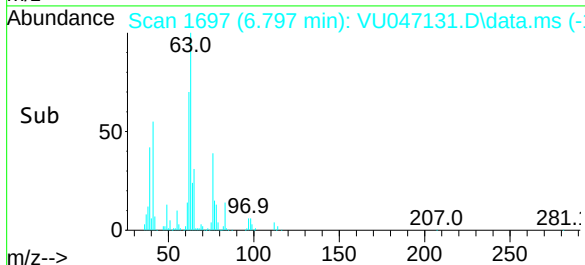
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

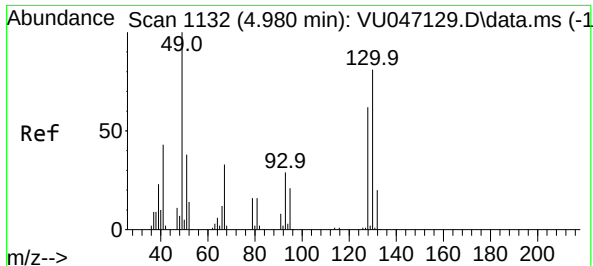


#38
1,2-Dichloropropane
Concen: 10.654 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



Tgt Ion: 63 Resp: 158493
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1





#39

Methacrylonitrile

Concen: 10.468 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047131.D

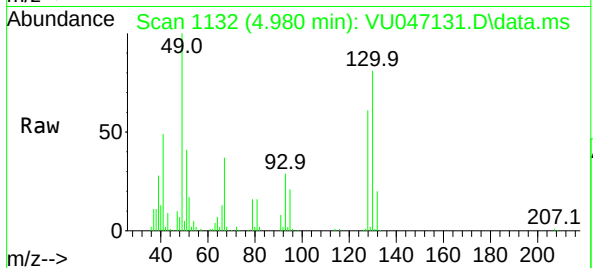
Acq: 14 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021422



Tgt Ion: 41 Resp: 5367

Ion Ratio Lower Upper

41 100

67 82.6 65.2 97.8

39 55.2 43.0 64.6

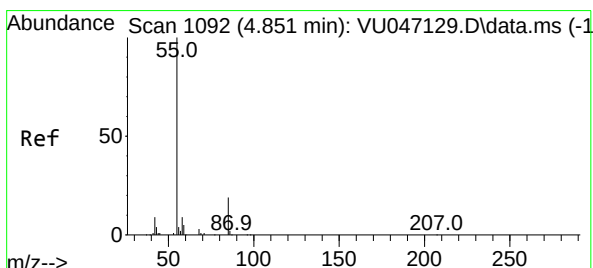
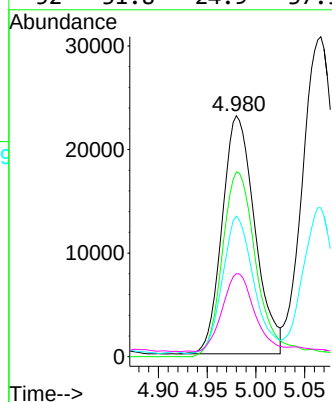
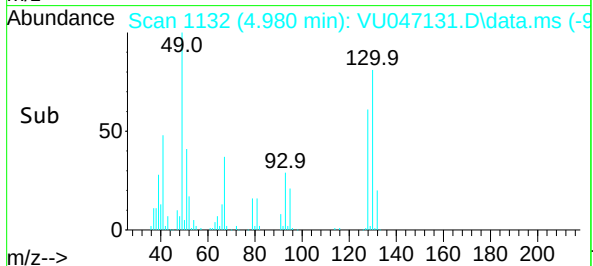
52 31.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#40

Methyl acrylate

Concen: 10.949 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

Tgt Ion: 55 Resp: 94898

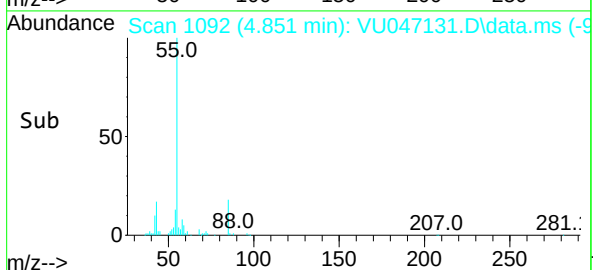
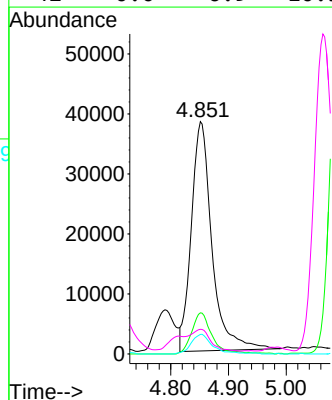
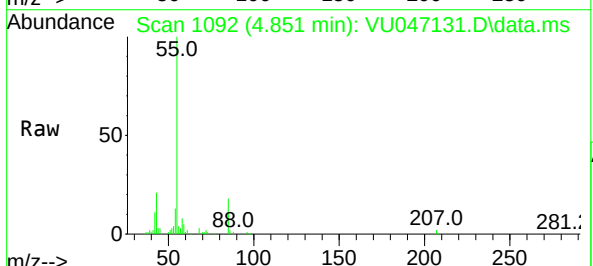
Ion Ratio Lower Upper

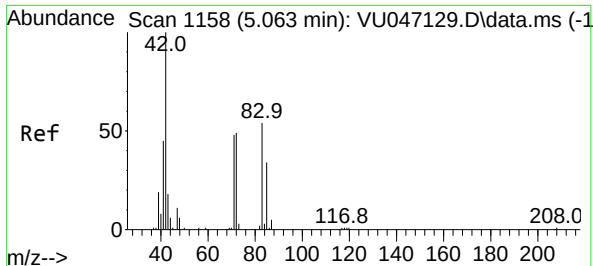
55 100

85 17.4 12.2 18.2

58 8.8 6.7 10.1

42 0.0 6.9 10.3#





#41

Tetrahydrofuran

Concen: 52.881 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VU047131.D

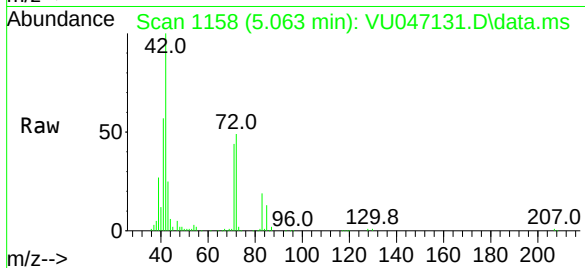
Acq: 14 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021422



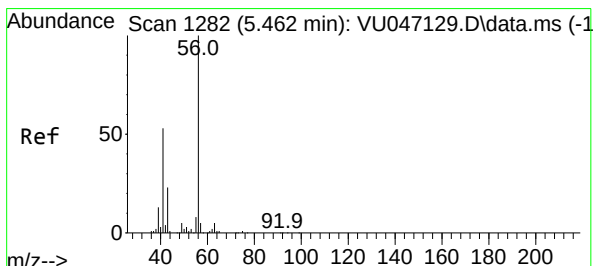
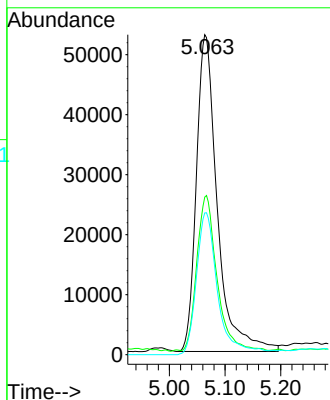
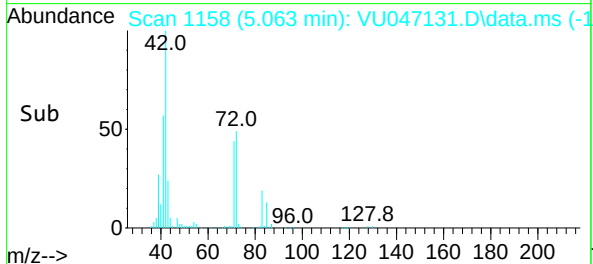
Tgt Ion:	42	Resp:	13812
Ion Ratio	100	Lower	Upper
42	100		
72	46.6	42.4	63.6
71	44.7	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#42

1-Chlorobutane

Concen: 10.349 ug/l

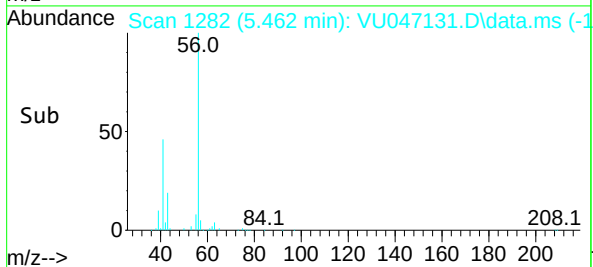
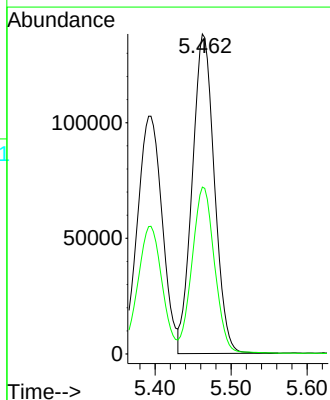
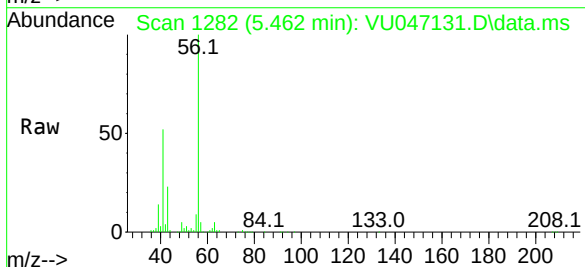
RT: 5.462 min Scan# 1282

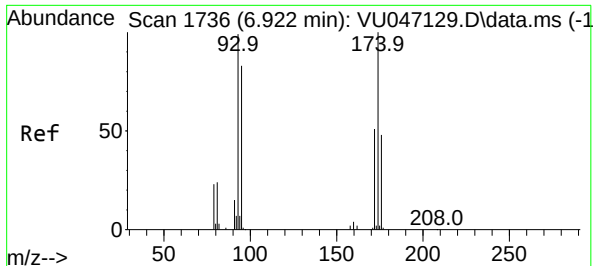
Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

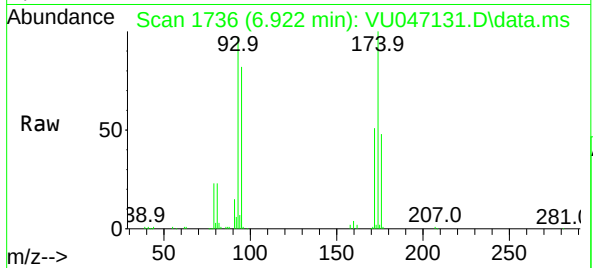
Tgt Ion:	56	Resp:	278758
Ion Ratio	100	Lower	Upper
56	100		
41	52.9	26.0	78.0





#43
Dibromomethane
Concen: 10.804 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

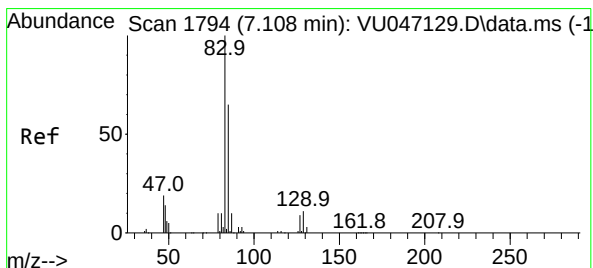
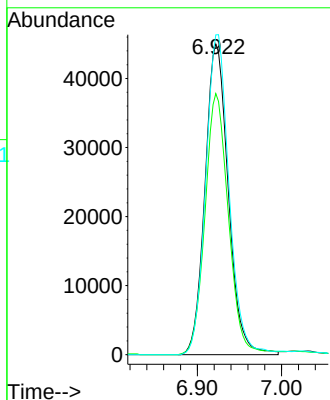
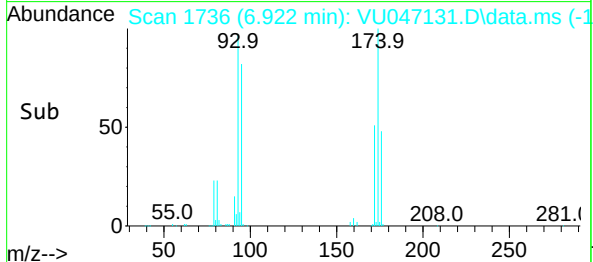
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



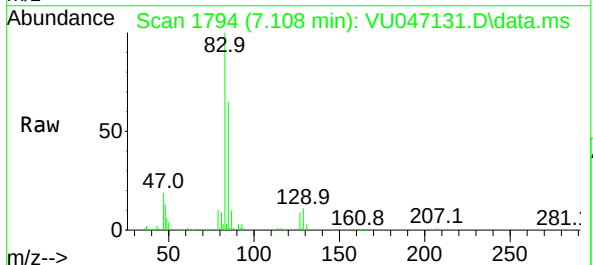
Tgt Ion: 93 Resp: 86678
Ion Ratio Lower Upper
93 100
95 84.7 66.2 99.2
174 102.9 70.7 106.1

Manual Integrations
APPROVED

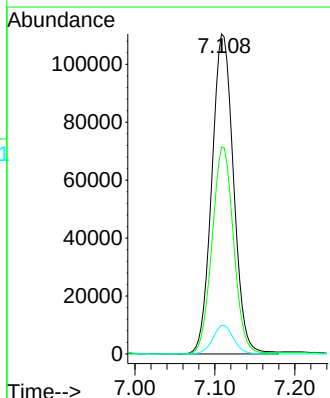
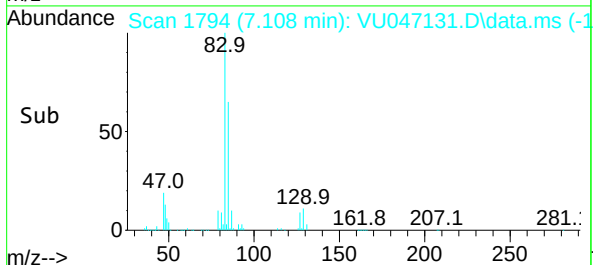
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

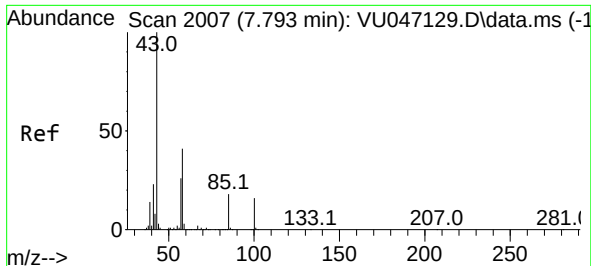


#44
Bromodichloromethane
Concen: 10.973 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



Tgt Ion: 83 Resp: 208219
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3
127 8.9 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 52.867 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021422

Tgt Ion: 43 Resp: 57367

Ion Ratio Lower Upper

43 100

58 41.9 21.0 63.0

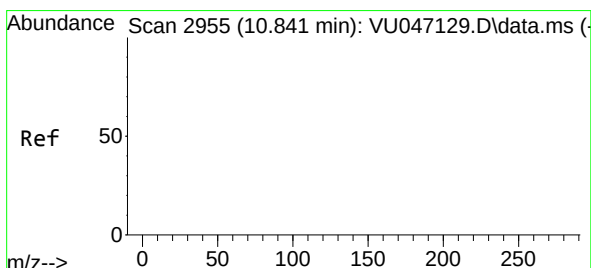
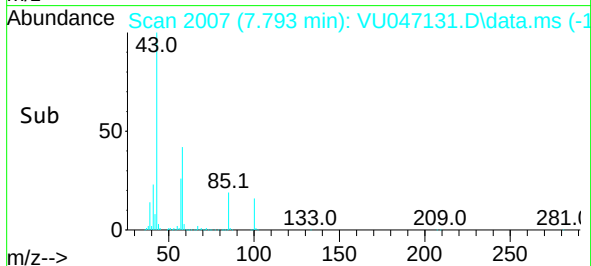
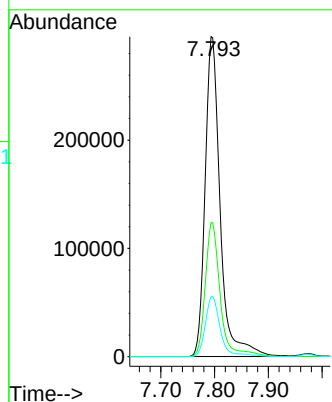
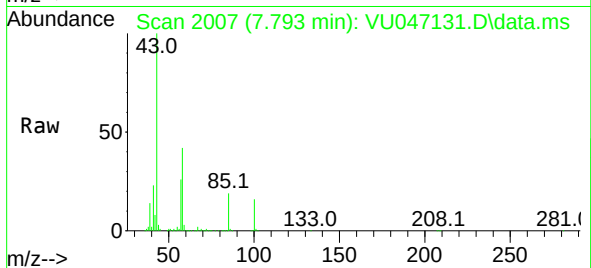
85 18.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#46

t-1,4-Dichloro-2-butene

Concen: 13.751 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. -0.006 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

Tgt Ion: 75 Resp: 64953

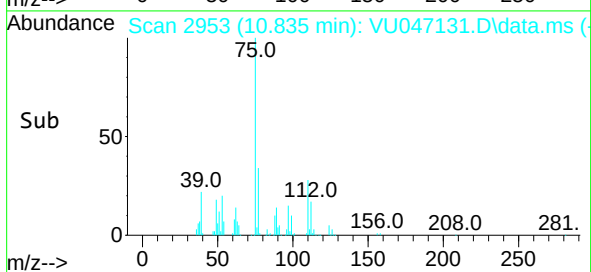
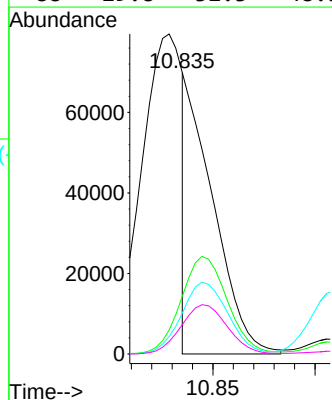
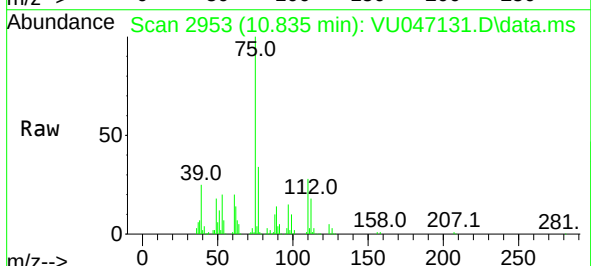
Ion Ratio Lower Upper

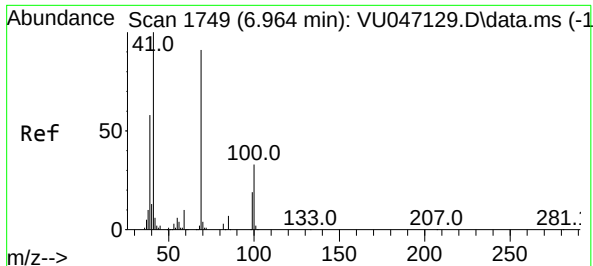
75 100

53 59.3 66.8 100.2#

89 43.5 41.7 62.5

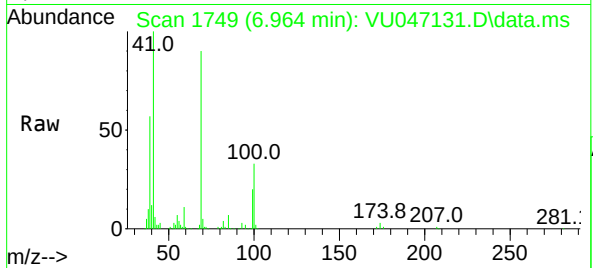
88 29.8 32.3 48.5#





#47
Methyl methacrylate
Concen: 10.476 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

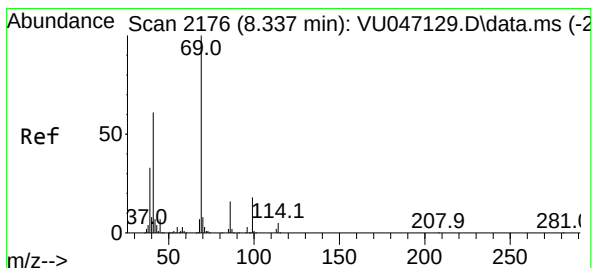
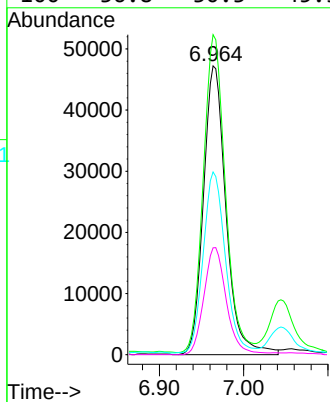
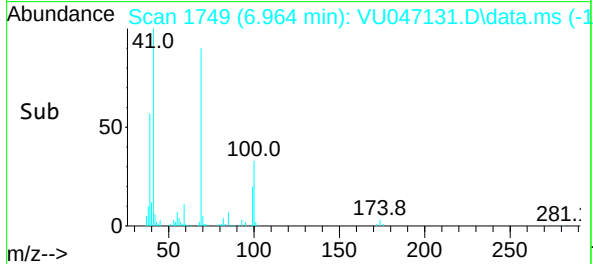
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion: 69 Resp: 8814
Ion Ratio Lower Upper
69 100
41 106.9 0.0 230.0
39 61.4 55.1 82.7
100 36.8 30.3 45.5

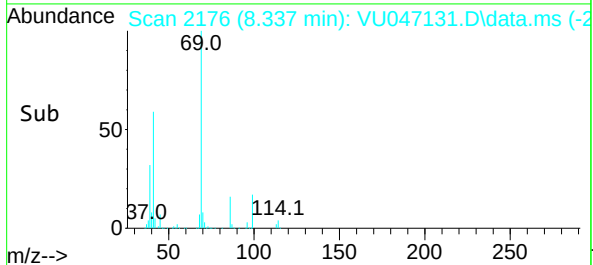
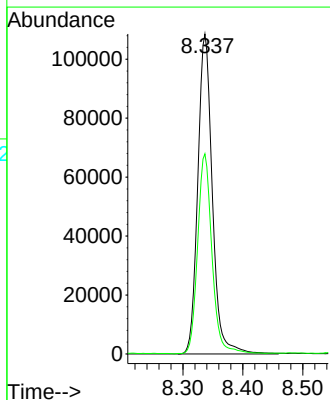
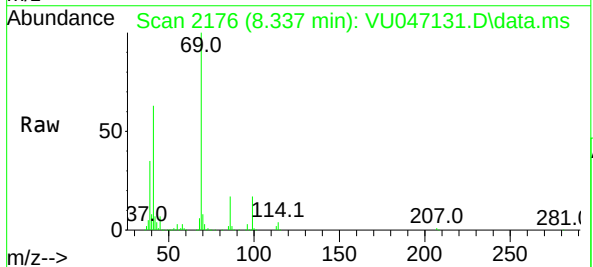
Manual Integrations
APPROVED

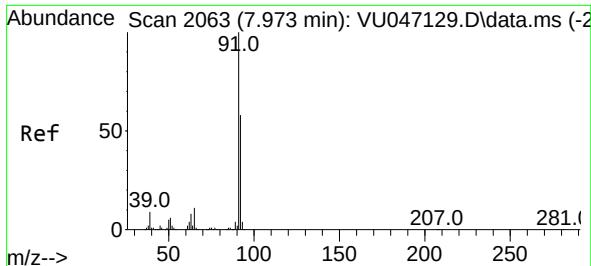
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#48
Ethyl methacrylate
Concen: 10.759 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

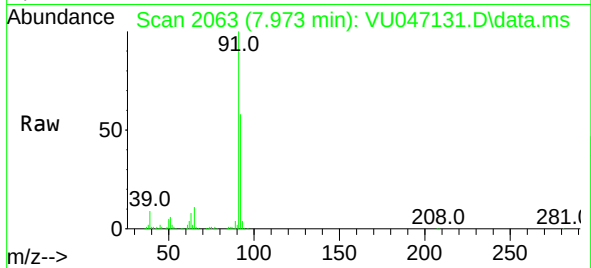
Tgt Ion: 69 Resp: 183513
Ion Ratio Lower Upper
69 100
41 62.1 32.6 98.0





#49
Toluene
Concen: 10.505 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

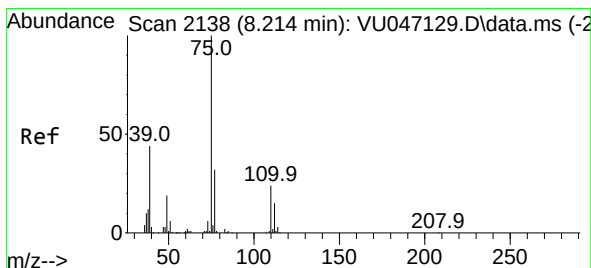
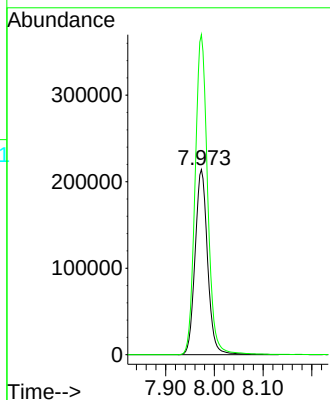
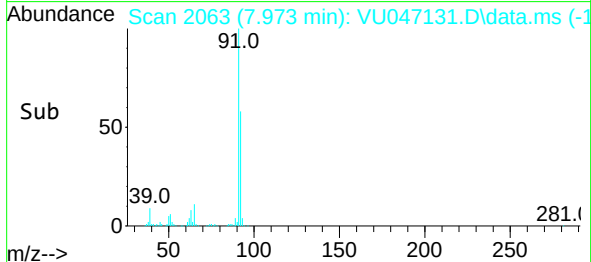
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion: 92 Resp: 380938
Ion Ratio Lower Upper
92 100
91 173.5 136.8 205.2

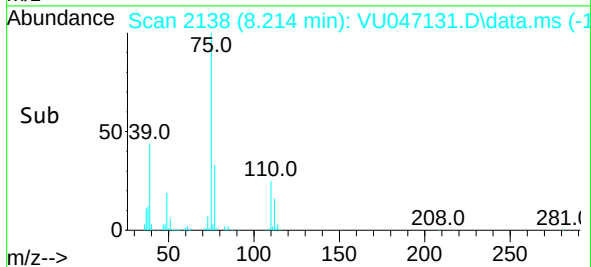
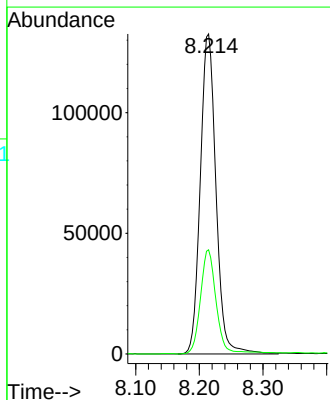
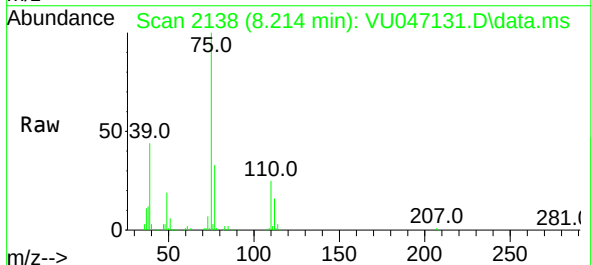
Manual Integrations
APPROVED

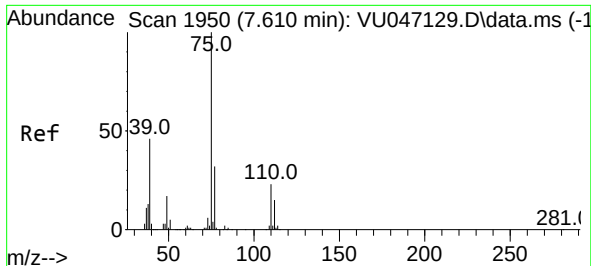
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#50
t-1,3-Dichloropropene
Concen: 11.065 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

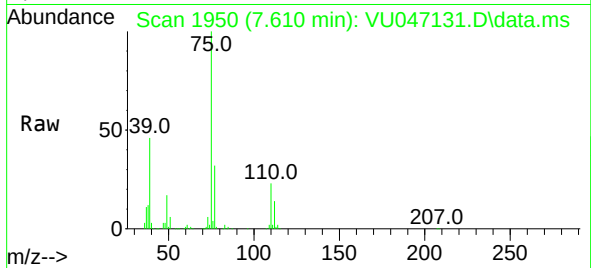
Tgt Ion: 75 Resp: 227250
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 11.158 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

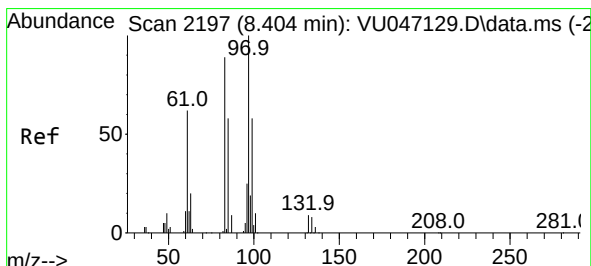
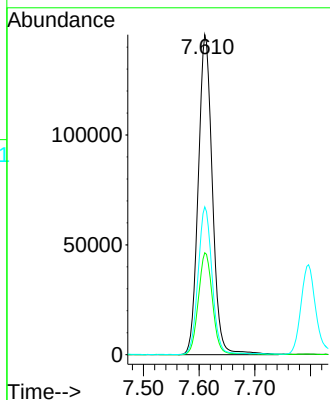
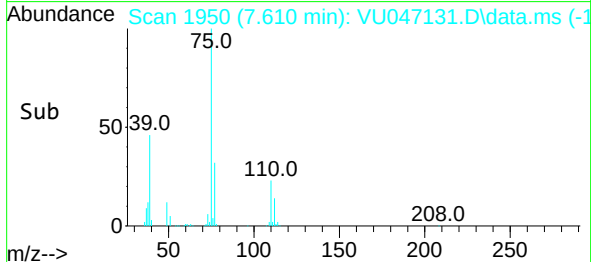
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



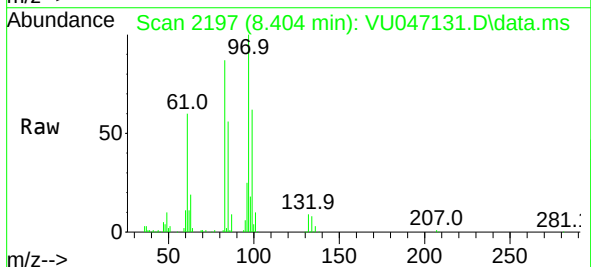
Tgt Ion: 75 Resp: 256919
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 46.1 38.6 57.8

Manual Integrations
APPROVED

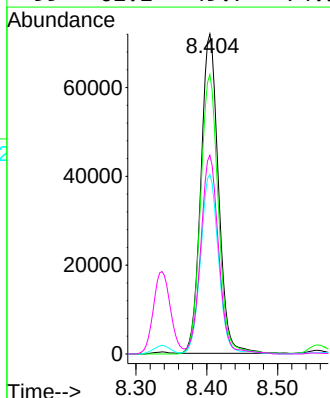
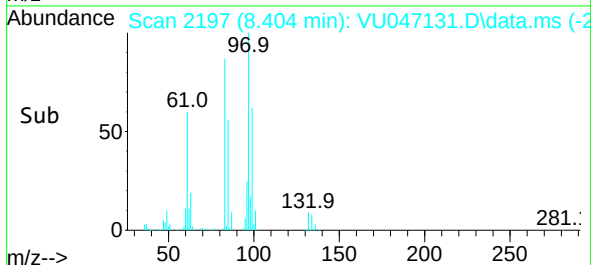
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

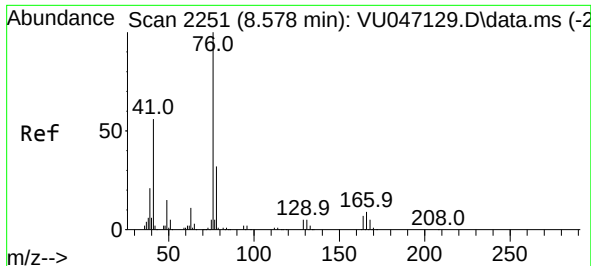


#52
1,1,2-Trichloroethane
Concen: 10.811 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



Tgt Ion: 97 Resp: 123757
Ion Ratio Lower Upper
97 100
83 87.4 69.8 104.8
85 56.2 44.2 66.4
99 62.2 49.7 74.5





#53

1,3-Dichloropropane

Concen: 10.558 ug/l

RT: 8.578 min Scan# 21594

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021422

Tgt Ion: 76 Resp: 21594

Ion Ratio Lower Upper

76 100

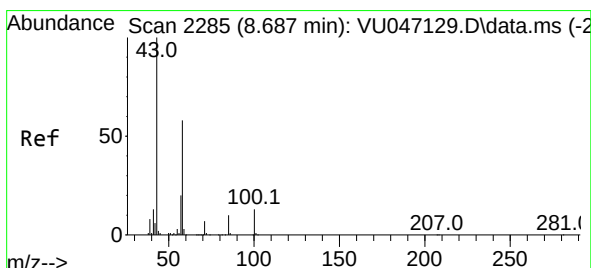
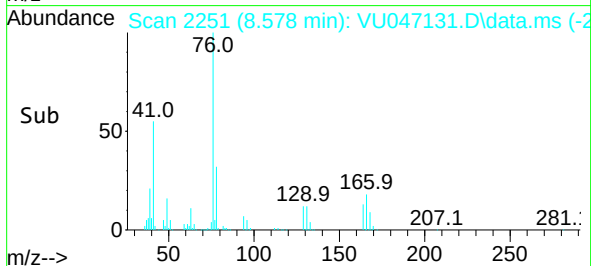
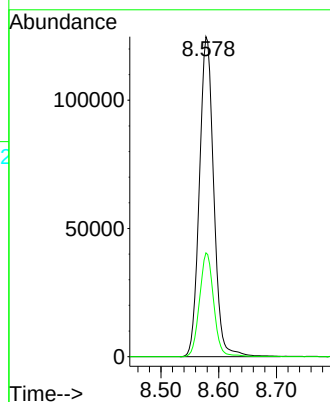
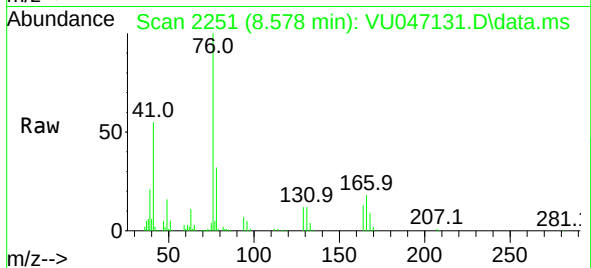
78 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#54

2-Hexanone

Concen: 57.612 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

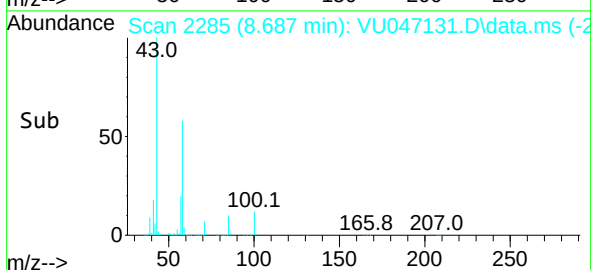
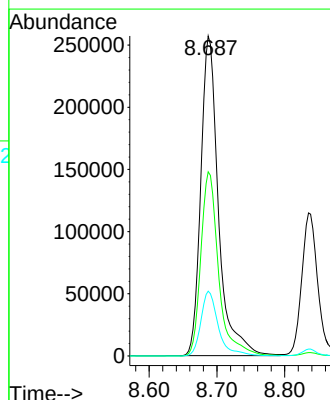
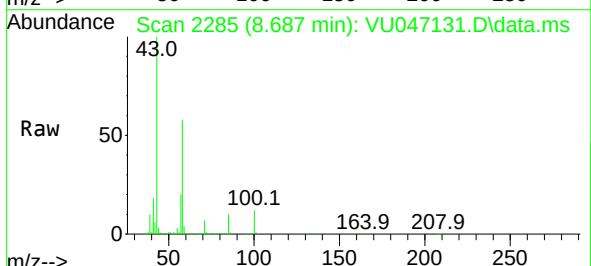
Tgt Ion: 43 Resp: 465742

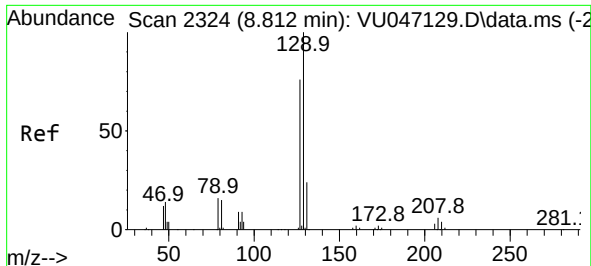
Ion Ratio Lower Upper

43 100

58 58.0 37.7 77.7

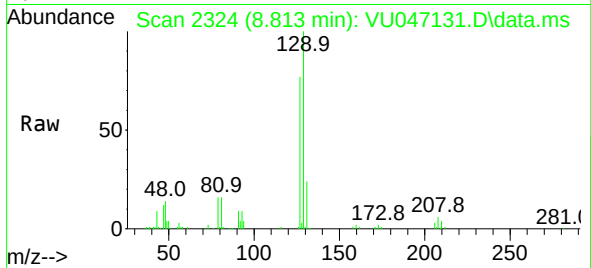
57 20.2 0.5 40.5





#55
Dibromochloromethane
Concen: 10.920 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

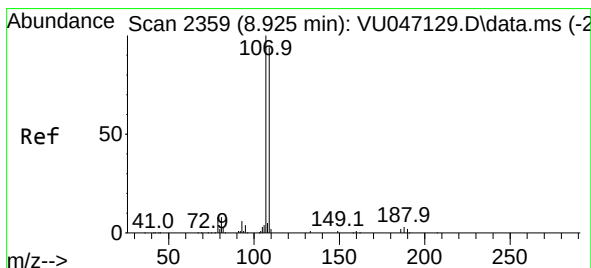
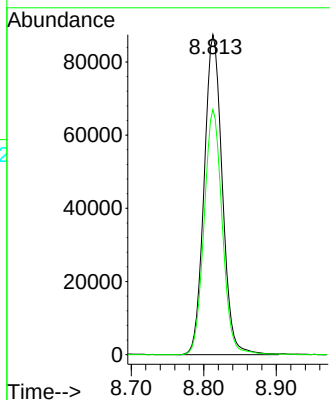
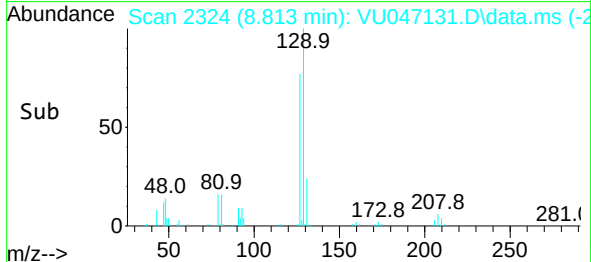
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



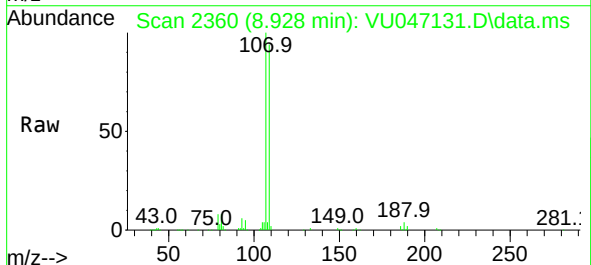
Tgt Ion:129 Resp: 151970
Ion Ratio Lower Upper
129 100
127 76.9 62.2 93.4

Manual Integrations
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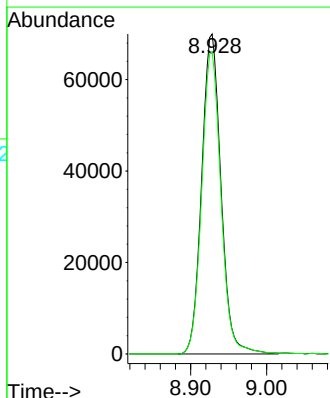
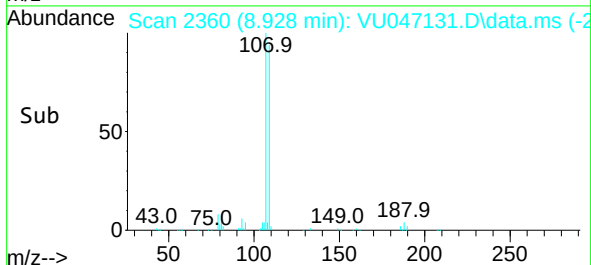
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

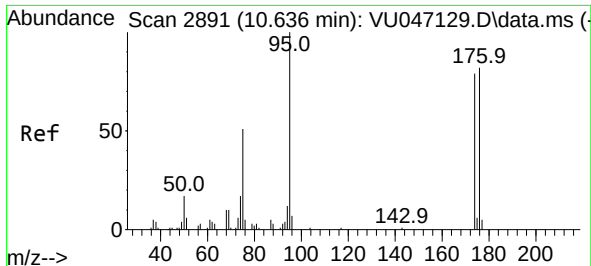


#56
1,2-Dibromoethane
Concen: 10.644 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



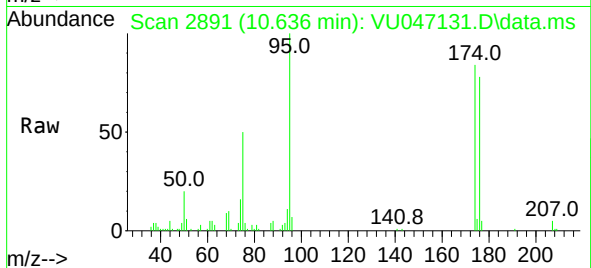
Tgt Ion:107 Resp: 123131
Ion Ratio Lower Upper
107 100
109 94.3 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.023 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

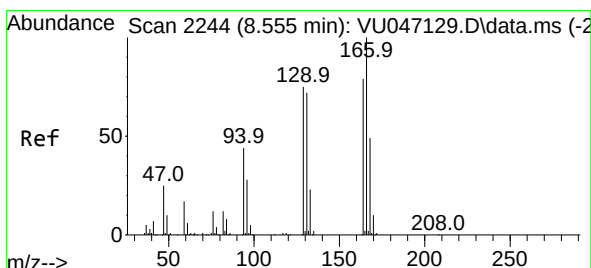
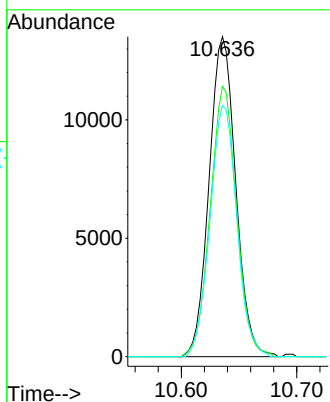
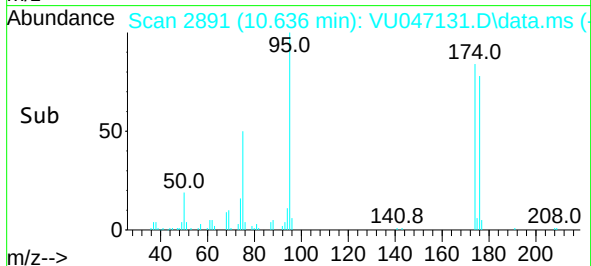
Instrument : MSVOA_U
ClientSampleId : ICVVU021422



Tgt Ion: 95 Resp: 21638
Ion Ratio Lower Upper
95 100
174 84.0 56.6 84.8
176 79.2 54.3 81.5

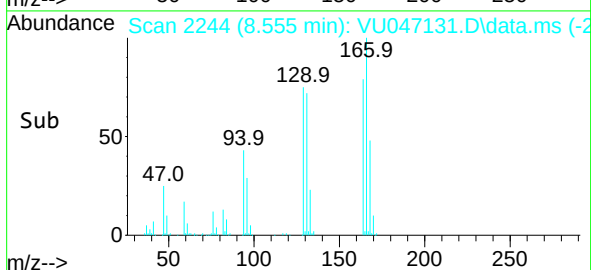
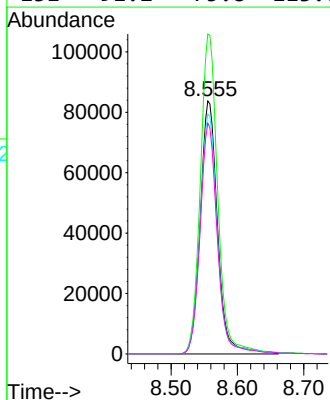
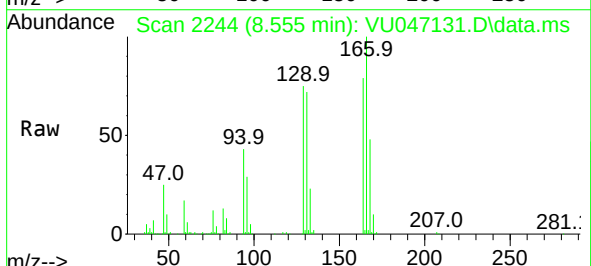
Manual Integrations
APPROVED

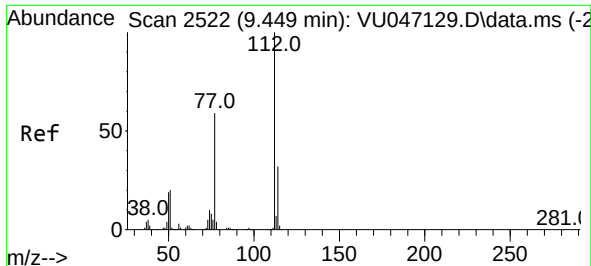
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#58
Tetrachloroethene
Concen: 10.552 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

Tgt Ion:164 Resp: 151549
Ion Ratio Lower Upper
164 100
166 126.5 102.0 153.0
129 94.8 77.1 115.7
131 91.2 75.8 113.6





#59

Chlorobenzene

Concen: 10.397 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047131.D

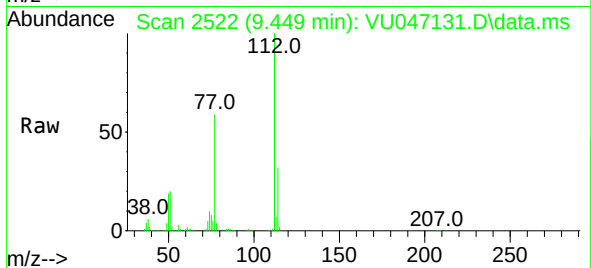
Acq: 14 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021422



Tgt Ion:112 Resp: 42037

Ion Ratio Lower Upper

112 100

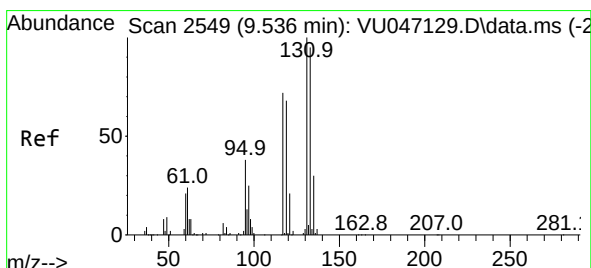
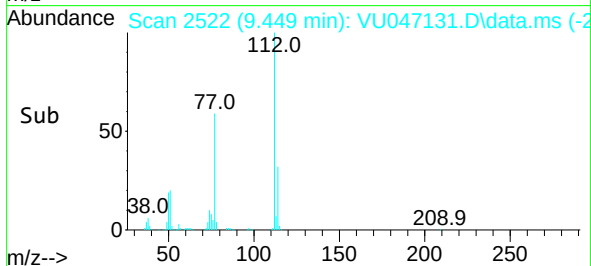
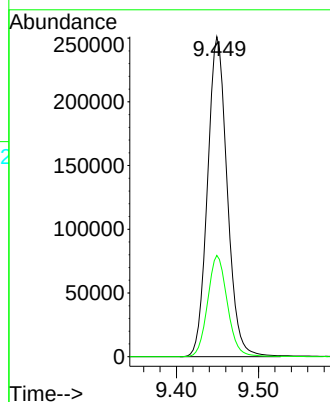
114 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 10.992 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

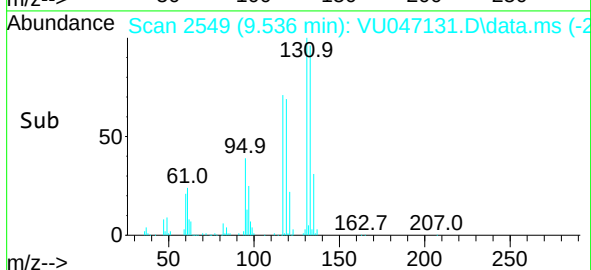
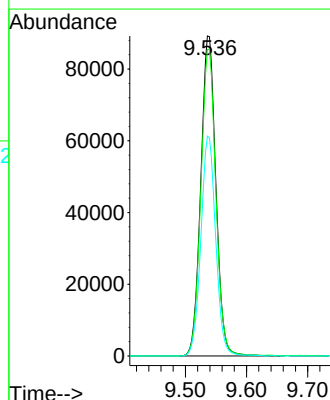
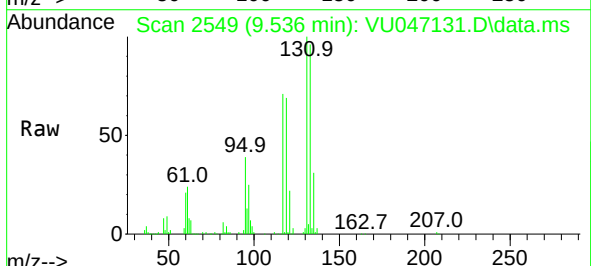
Tgt Ion:131 Resp: 152759

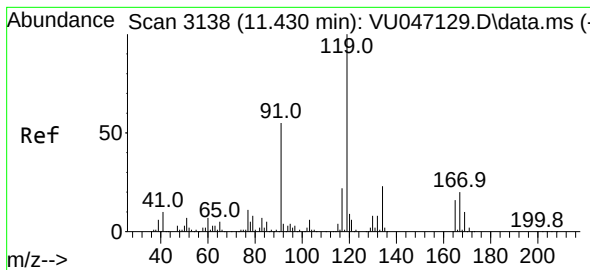
Ion Ratio Lower Upper

131 100

133 95.1 76.0 114.0

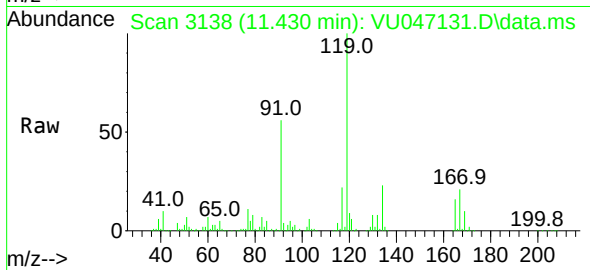
119 67.7 54.9 82.3





#61
 Pentachloroethane
 Concen: 11.630 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44

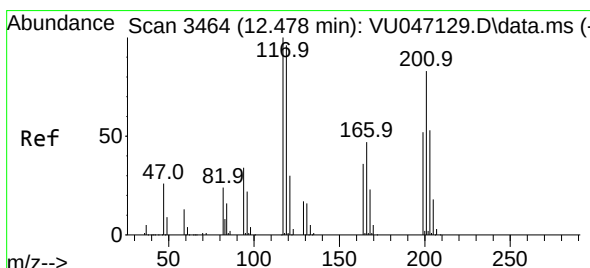
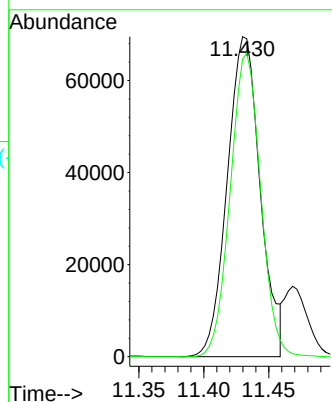
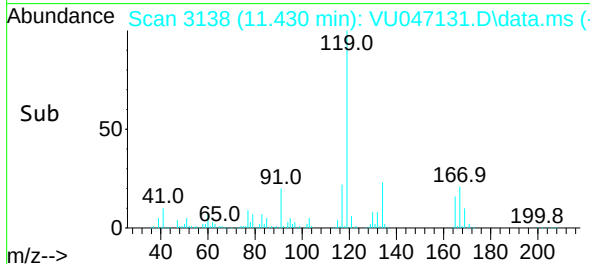
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021422



Tgt Ion:117 Resp: 12269
 Ion Ratio Lower Upper
 117 100
 167 87.4 59.7 89.5

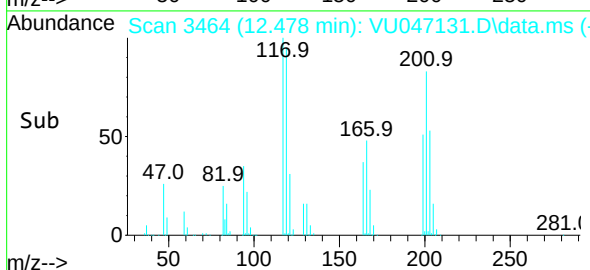
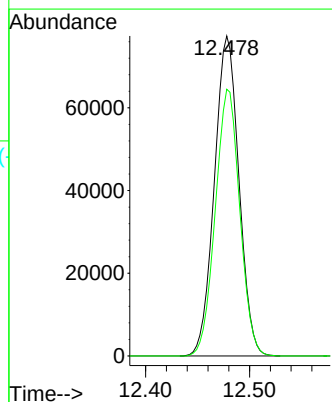
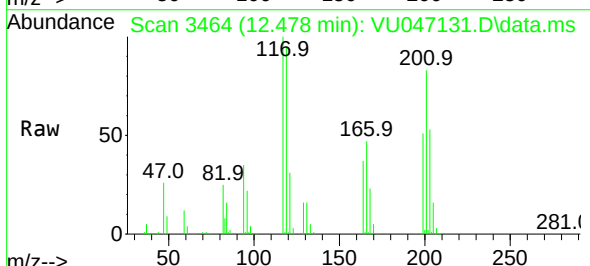
Manual Integrations
 APPROVED

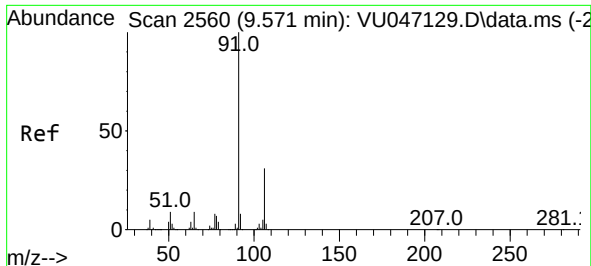
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022



#62
 Hexachloroethane
 Concen: 11.152 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44

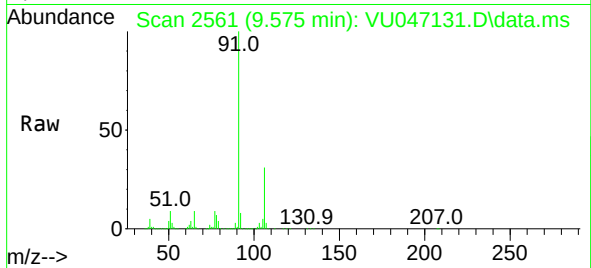
Tgt Ion:117 Resp: 127026
 Ion Ratio Lower Upper
 117 100
 201 83.1 53.6 80.4#





#63
Ethyl Benzene
Concen: 10.682 ug/l
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

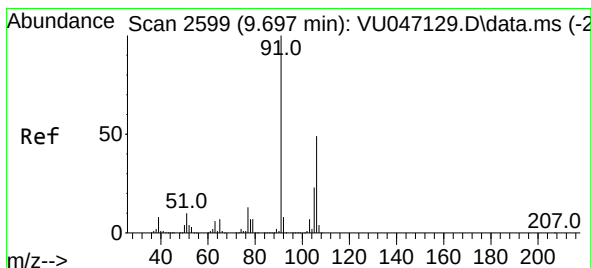
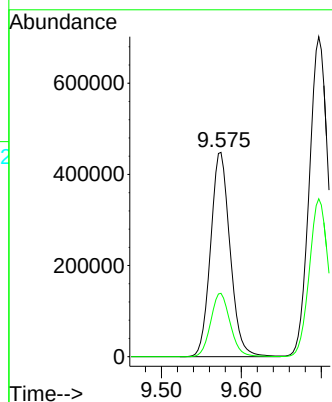
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion: 91 Resp: 75926
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

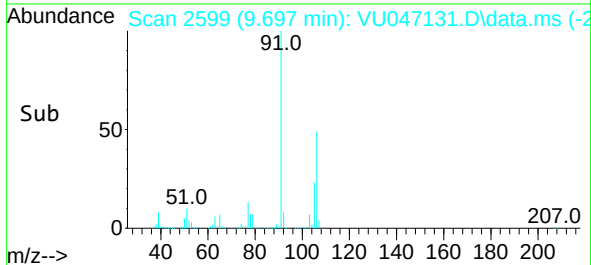
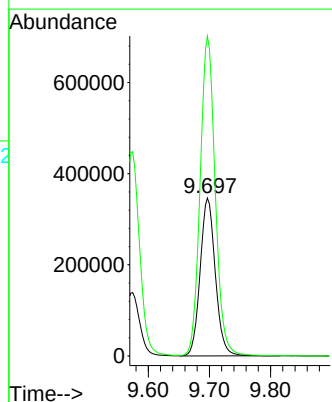
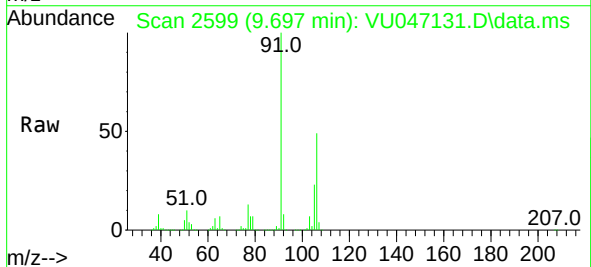
Manual Integrations
APPROVED

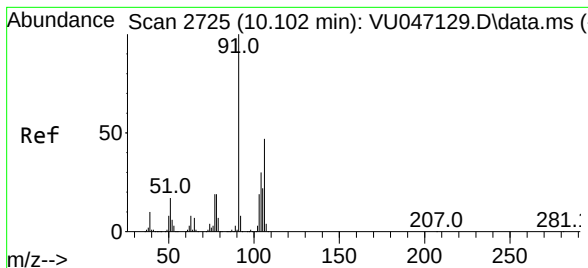
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#64
m/p-Xylenes
Concen: 21.969 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

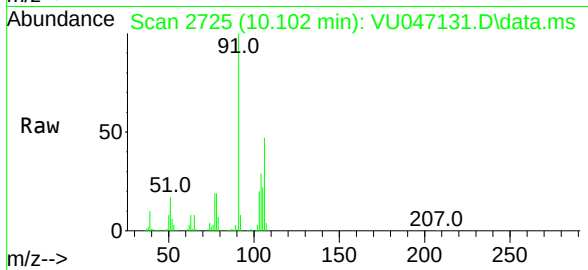
Tgt Ion:106 Resp: 595207
Ion Ratio Lower Upper
106 100
91 202.8 165.5 248.3





#65
o-Xylene
Concen: 11.033 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

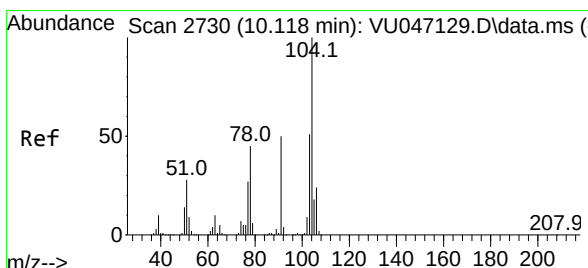
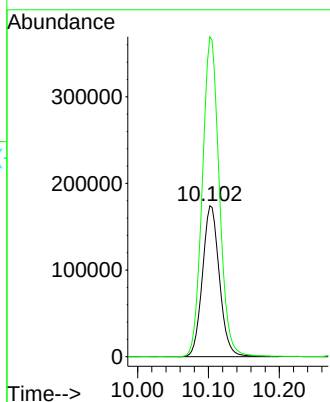
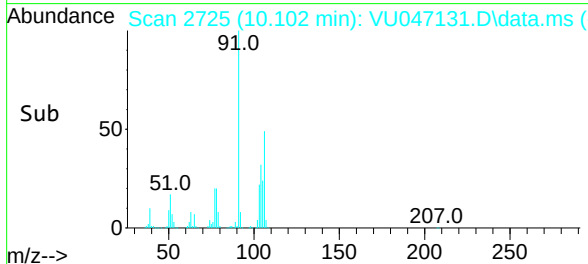
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion:106 Resp: 289560
Ion Ratio Lower Upper
106 100
91 213.0 109.4 328.2

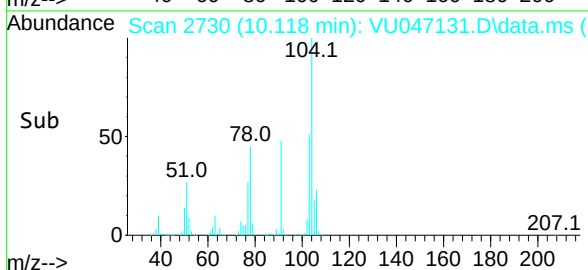
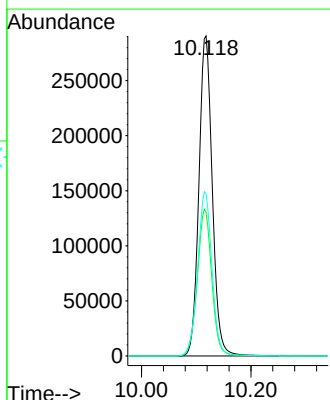
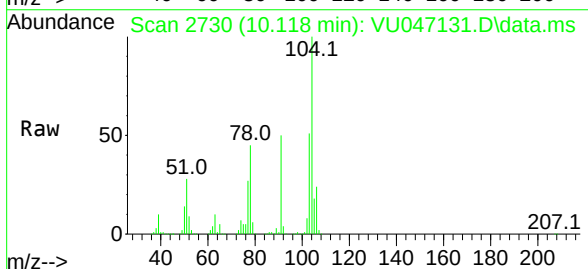
Manual Integrations
APPROVED

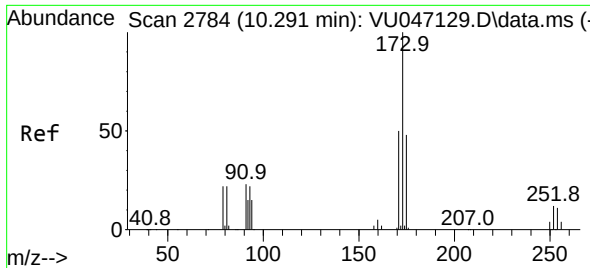
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#66
Styrene
Concen: 11.081 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

Tgt Ion:104 Resp: 493591
Ion Ratio Lower Upper
104 100
78 49.5 42.4 63.6
103 54.9 44.2 66.4





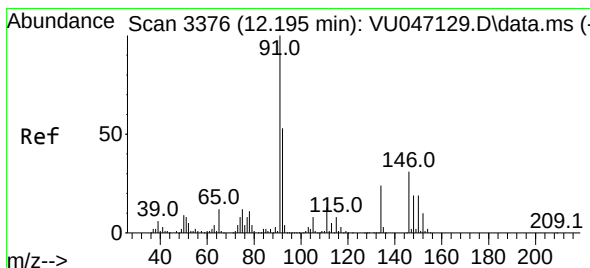
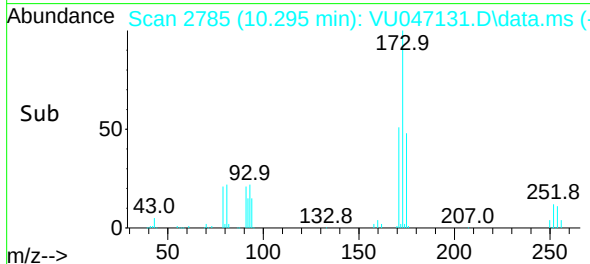
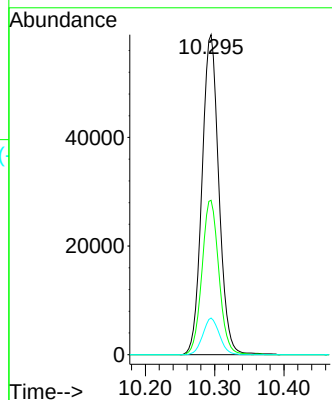
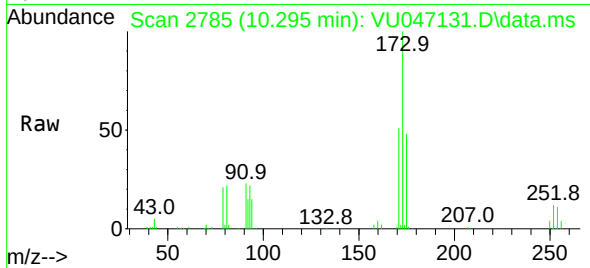
#67
Bromoform
Concen: 11.318 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422

Tgt Ion:173 Resp: 9981
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 11.3 5.5 8.3

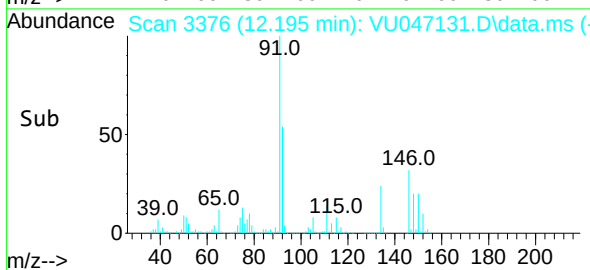
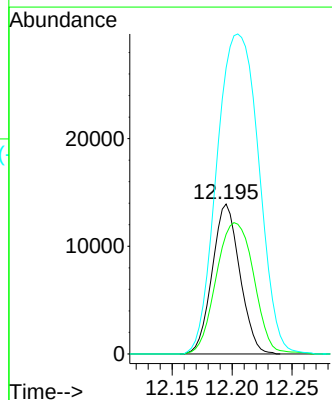
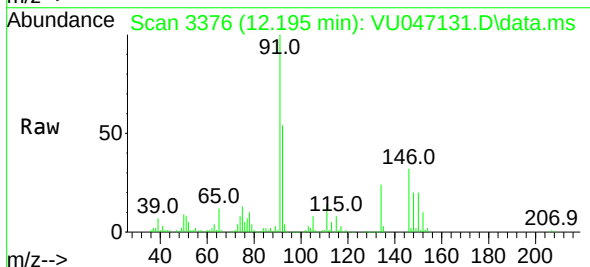
Manual Integrations
APPROVED

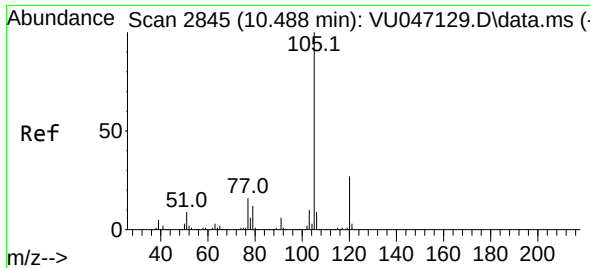
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#68
1,2-Dichlorobenzene-d4
Concen: 1.013 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

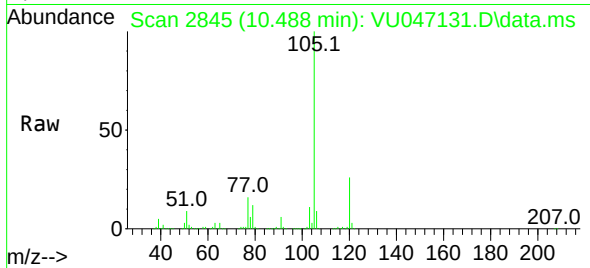
Tgt Ion:152 Resp: 22297
Ion Ratio Lower Upper
152 100
115 119.7 0.0 251.0
150 325.6 0.0 613.8





#69
Isopropylbenzene
Concen: 10.913 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

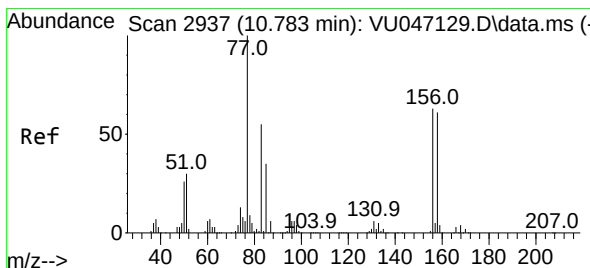
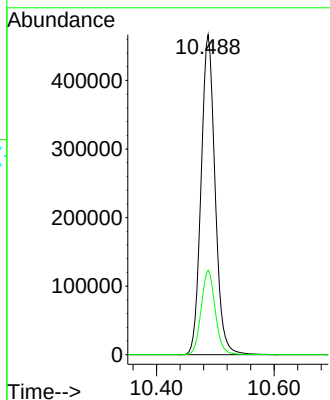
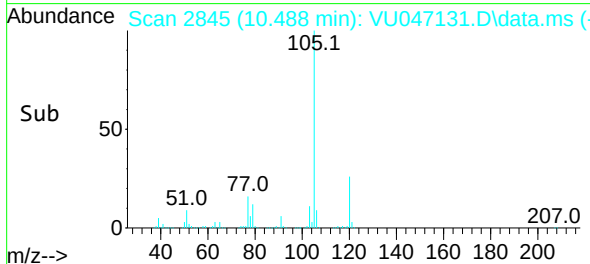
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion: 105 Resp: 770229
Ion Ratio Lower Upper
105 100
120 26.6 12.8 38.4

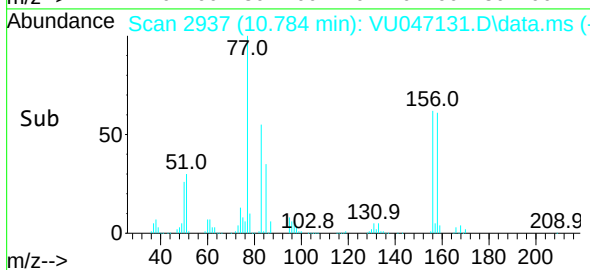
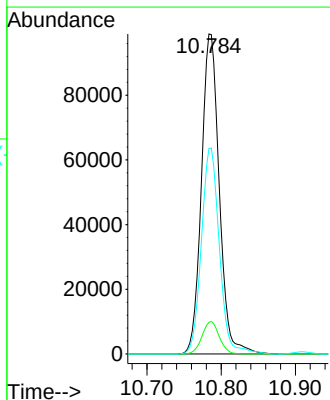
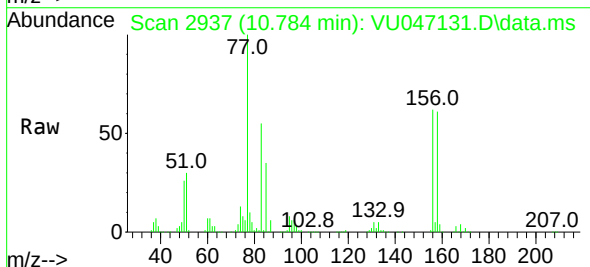
Manual Integrations
APPROVED

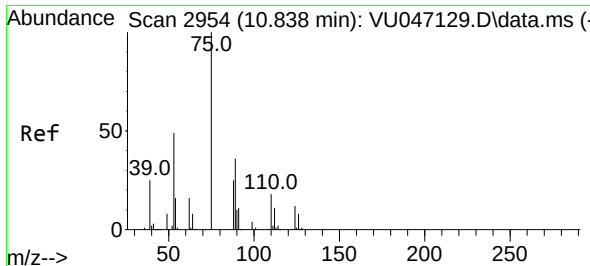
Reviewed By : John Carlone 02/15/2022
Supervised By : Mahesh Dadoda 02/15/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 10.655 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

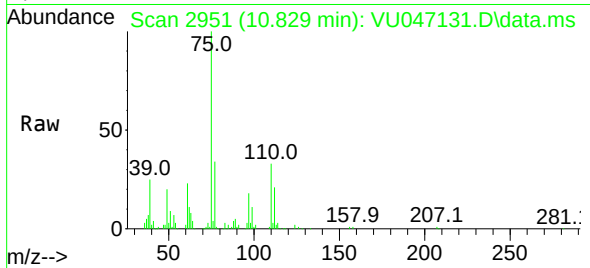
Tgt Ion: 83 Resp: 164891
Ion Ratio Lower Upper
83 100
131 9.8 7.6 11.4
85 65.0 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 9.396 ug/l m
RT: 10.829 min Scan# 2954
Delta R.T. -0.010 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

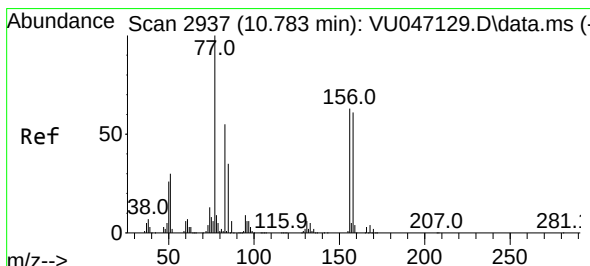
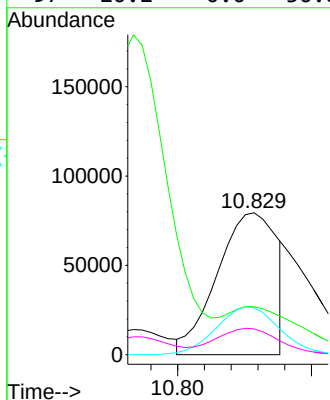
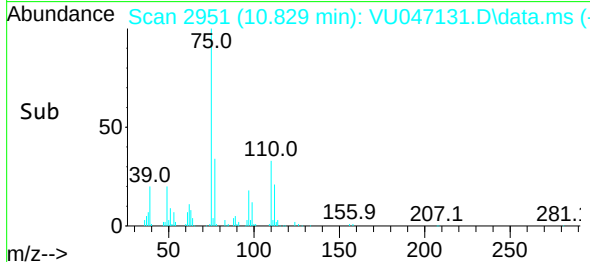
Instrument : MSVOA_U
ClientSampleId : ICVVU021422



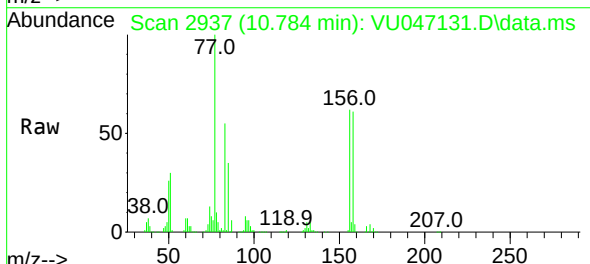
Tgt Ion: 75 Resp: 122719
Ion Ratio Lower Upper
75 100
77 41.3 0.0 105.6
110 36.0 0.0 71.2
97 20.2 0.0 36.8

Manual Integrations
APPROVED

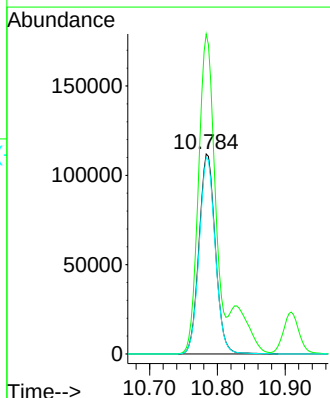
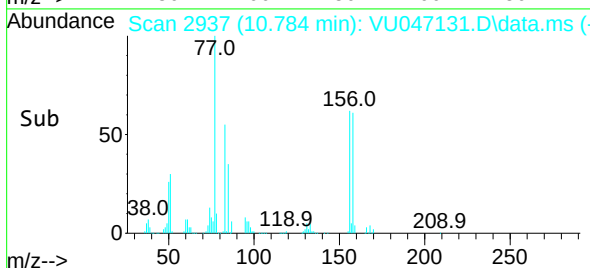
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

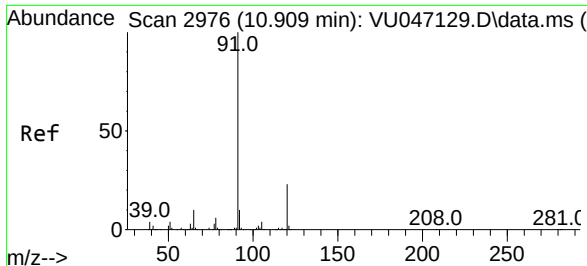


#72
Bromobenzene
Concen: 10.840 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



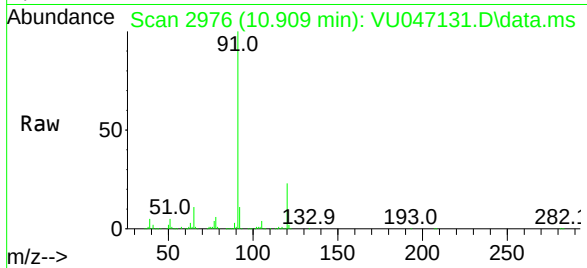
Tgt Ion:156 Resp: 186863
Ion Ratio Lower Upper
156 100
77 160.1 0.0 370.6
158 96.9 0.0 193.4





#73
n-propylbenzene
Concen: 11.200 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

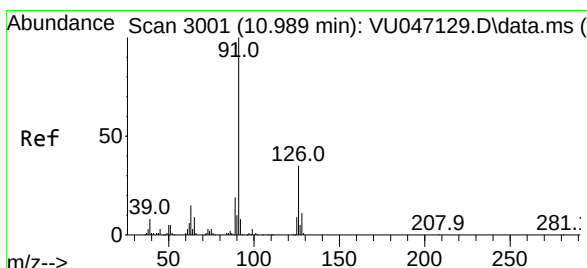
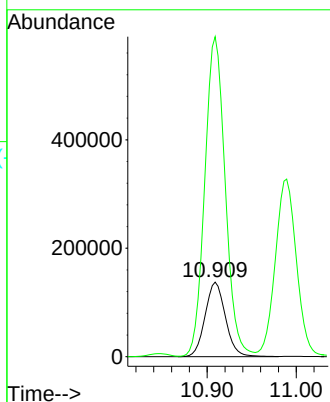
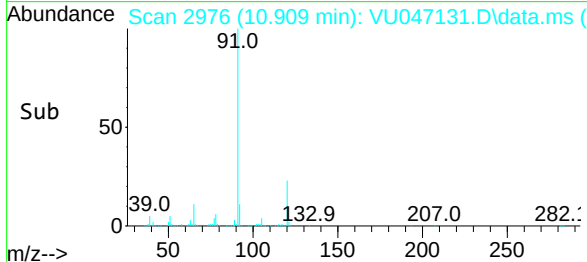
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



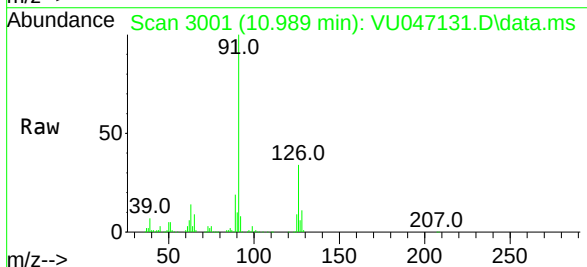
Tgt Ion:120 Resp: 217629
Ion Ratio Lower Upper
120 100
91 431.1 370.7 556.1

Manual Integrations
APPROVED

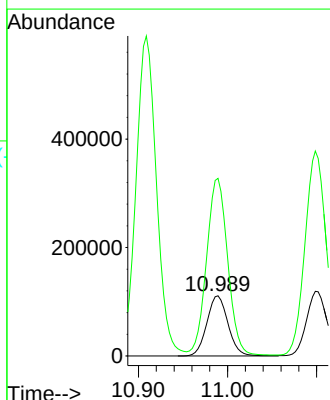
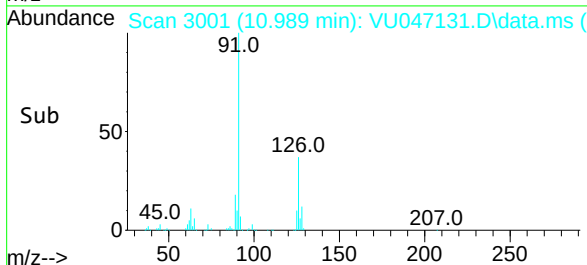
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

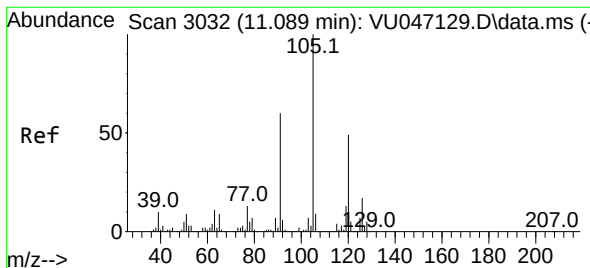


#74
2-Chlorotoluene
Concen: 11.043 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



Tgt Ion:126 Resp: 182933
Ion Ratio Lower Upper
126 100
91 295.4 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 11.211 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047131.D

Acq: 14 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

ICVVU021422

Tgt Ion:105 Resp: 64895

Ion Ratio Lower Upper

105 100

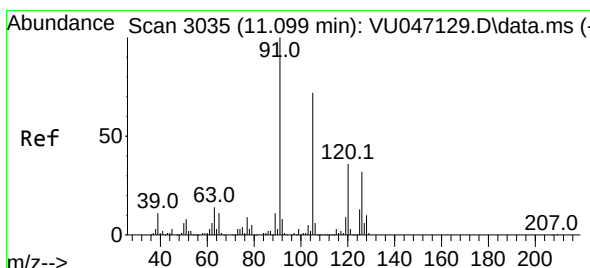
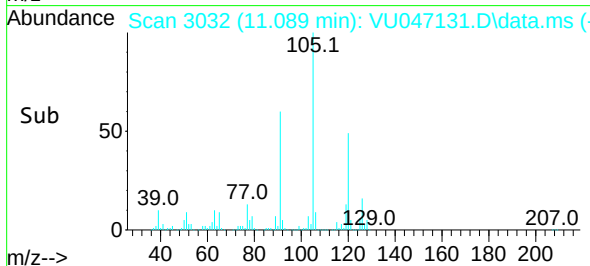
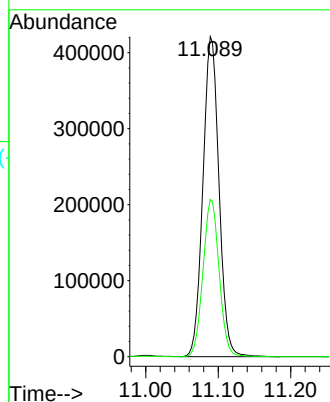
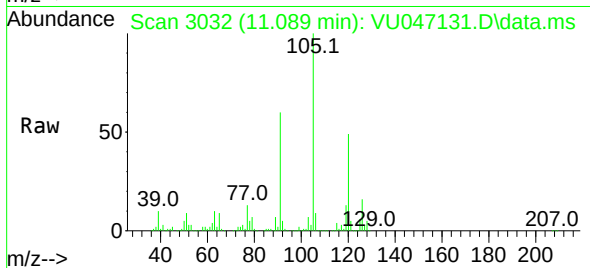
120 49.4 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#76

4-Chlorotoluene

Concen: 11.030 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. 0.000 min

Lab File: VU047131.D

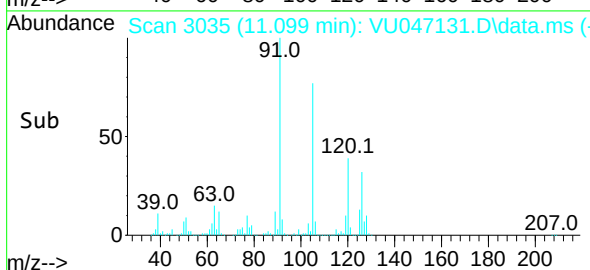
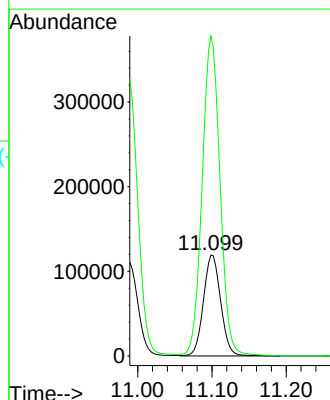
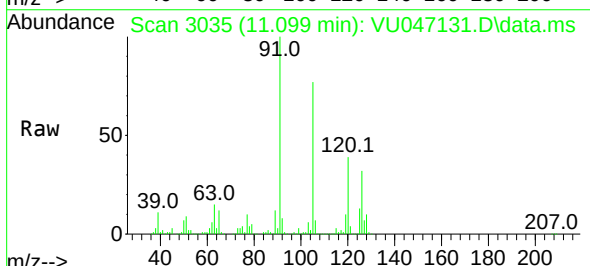
Acq: 14 Feb 2022 13:44

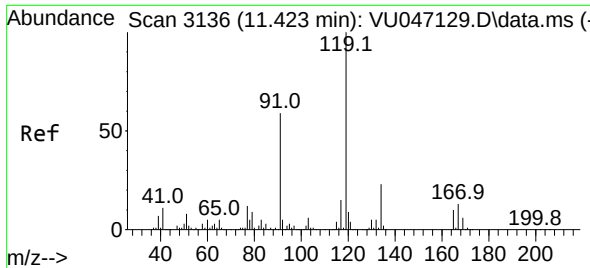
Tgt Ion:126 Resp: 191962

Ion Ratio Lower Upper

126 100

91 328.5 0.0 728.0





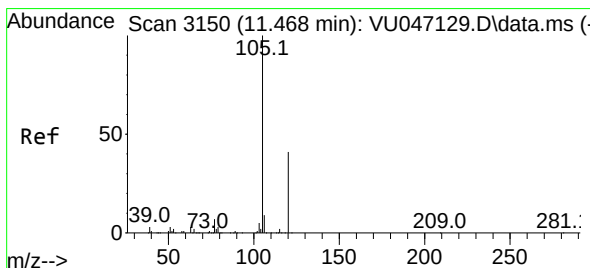
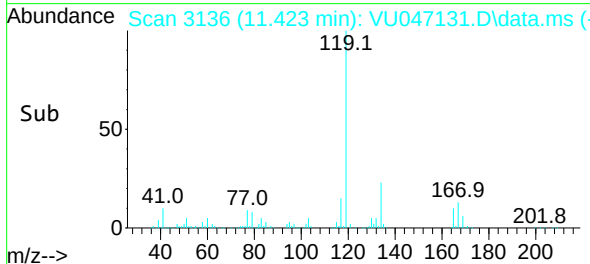
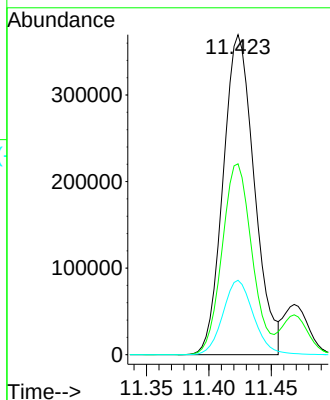
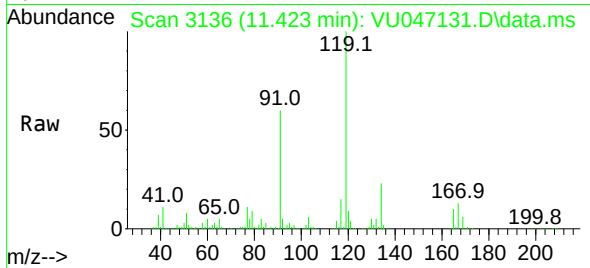
#77
tert-Butylbenzene
Concen: 11.094 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422

Tgt Ion:119 Resp: 64435
Ion Ratio Lower Upper
119 100
91 57.4 31.4 94.3
134 22.8 18.5 27.7

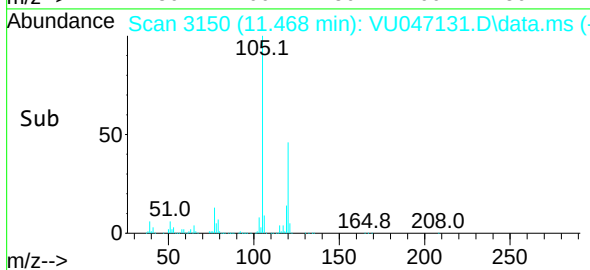
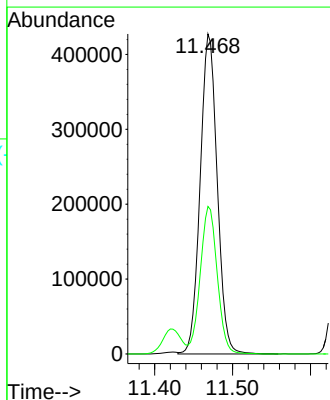
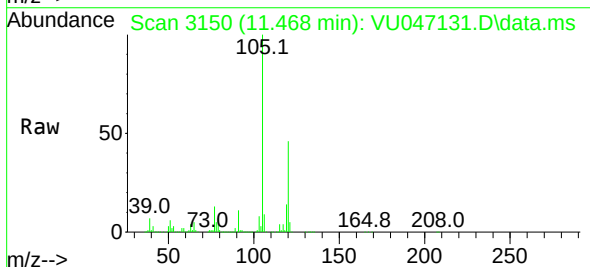
Manual Integrations
APPROVED

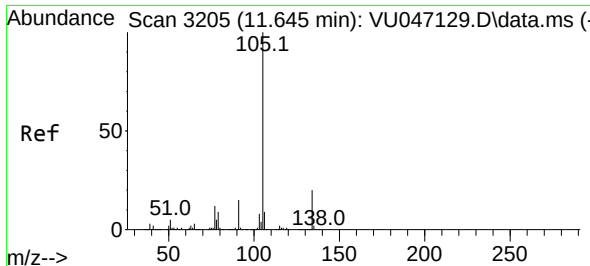
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#78
1,2,4-Trimethylbenzene
Concen: 10.964 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

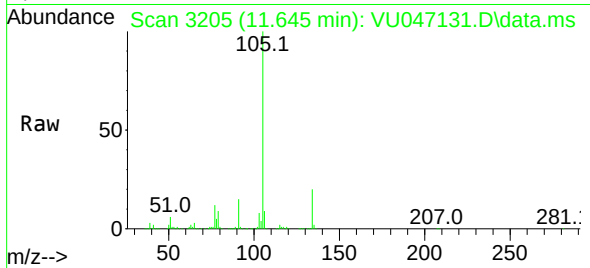
Tgt Ion:105 Resp: 647661
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 11.245 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44

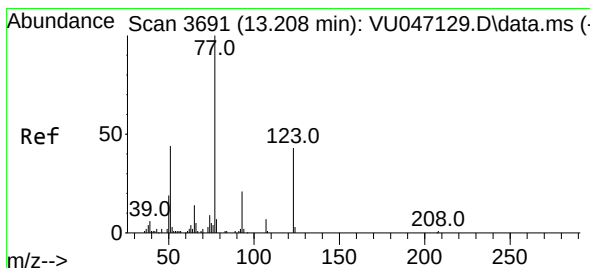
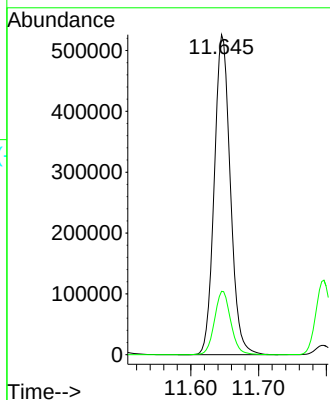
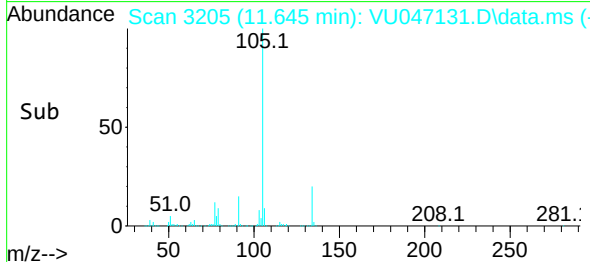
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021422



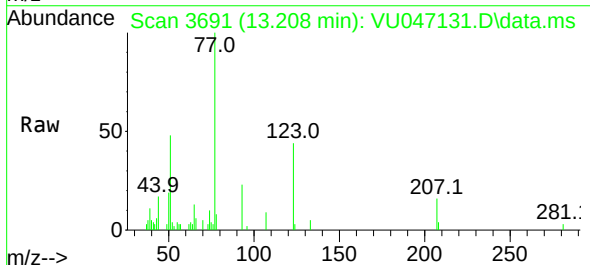
Tgt Ion:105 Resp: 867299
 Ion Ratio Lower Upper
 105 100
 134 20.0 15.4 23.0

Manual Integrations
 APPROVED

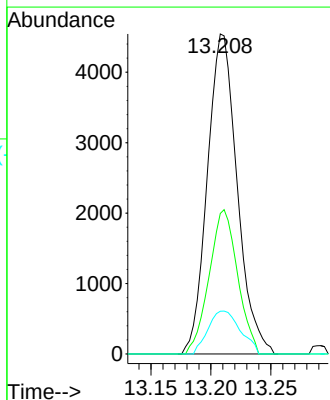
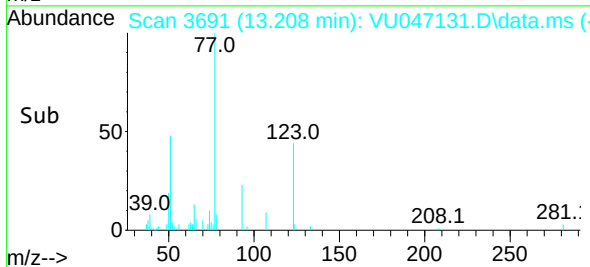
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

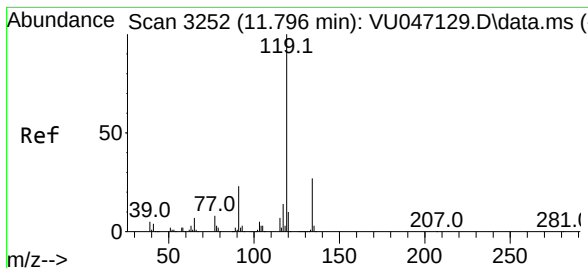


#80
 Nitrobenzene
 Concen: 10.515 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44



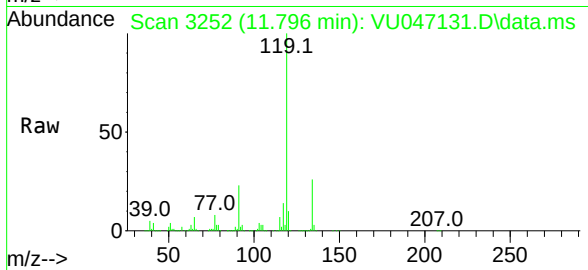
Tgt Ion: 77 Resp: 7857
 Ion Ratio Lower Upper
 77 100
 123 43.0 18.2 64.4
 65 14.5 12.0 15.2





#81
p-Isopropyltoluene
Concen: 11.178 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

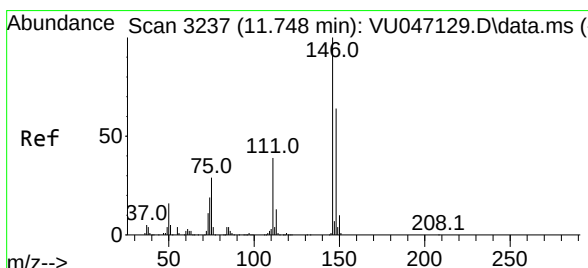
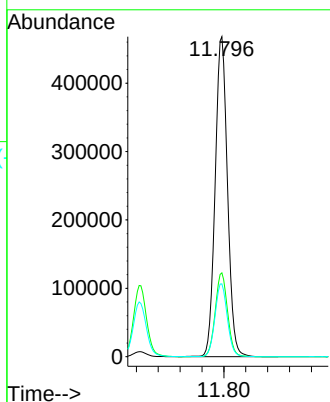
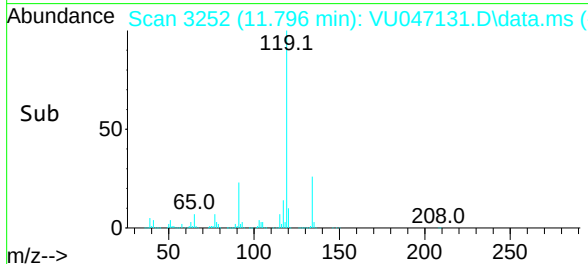
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



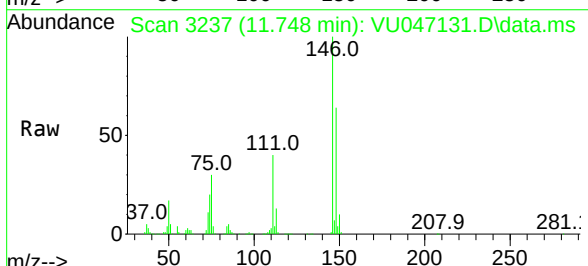
Tgt Ion:119 Resp: 729515
Ion Ratio Lower Upper
119 100
134 26.2 20.2 30.4
91 22.8 19.9 29.9

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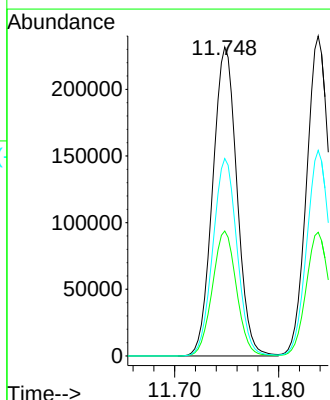
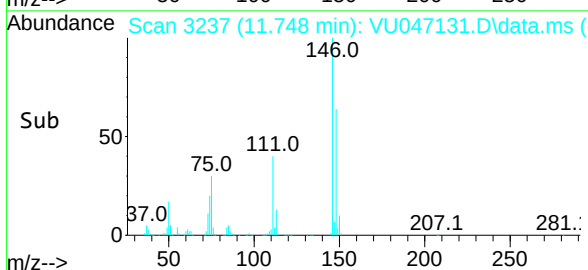
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

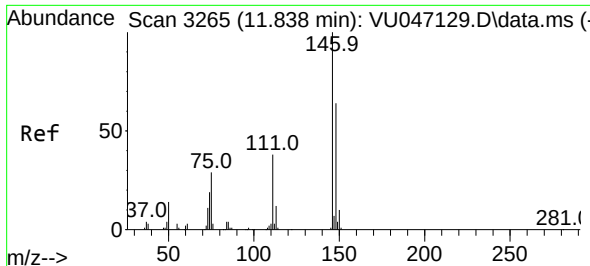


#82
1,3-Dichlorobenzene
Concen: 11.210 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



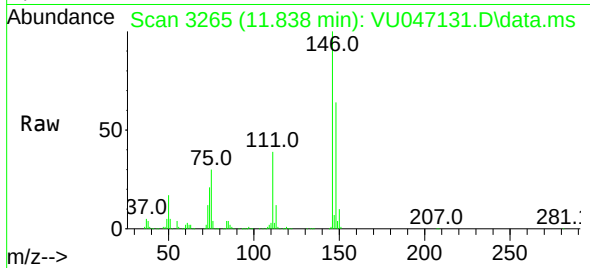
Tgt Ion:146 Resp: 376171
Ion Ratio Lower Upper
146 100
111 40.2 33.9 50.9
148 63.7 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 11.148 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

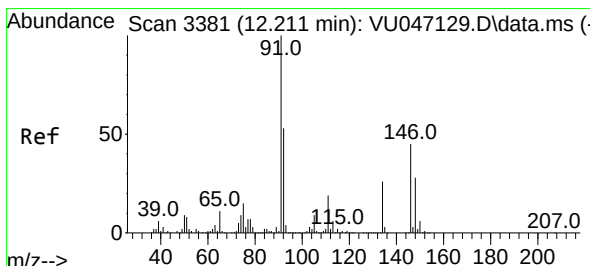
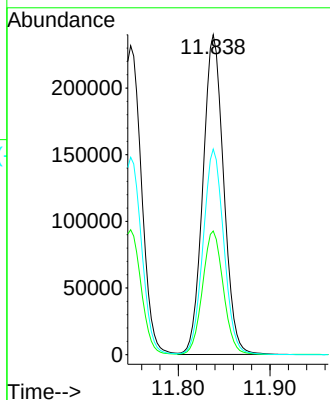
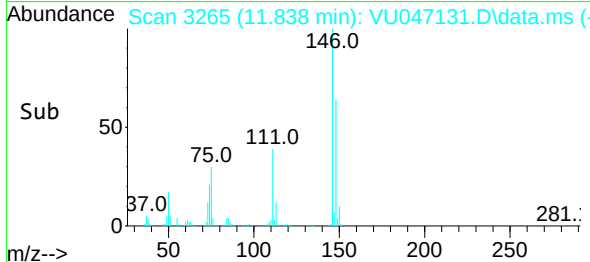
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



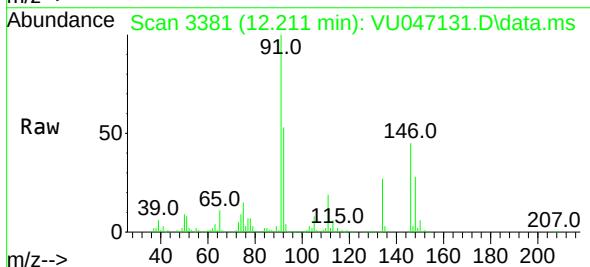
Tgt Ion:146 Resp: 37684
Ion Ratio Lower Upper
146 100
111 38.8 32.7 49.1
148 64.5 51.4 77.0

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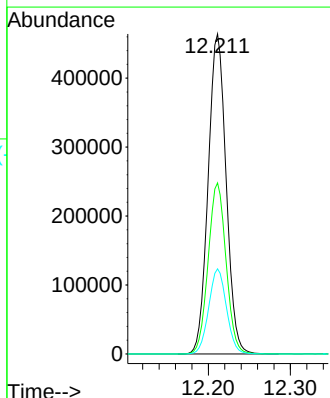
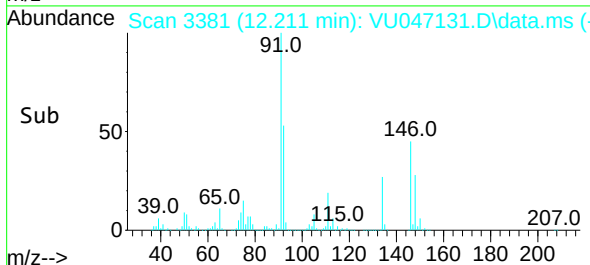
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

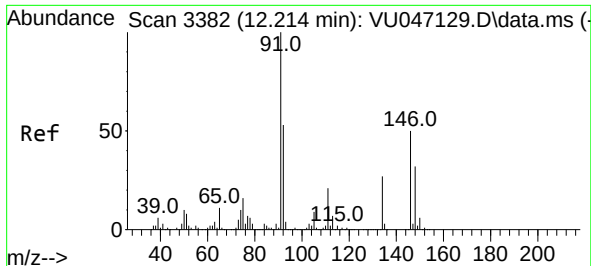


#84
n-Butylbenzene
Concen: 11.250 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44



Tgt Ion: 91 Resp: 705038
Ion Ratio Lower Upper
91 100
92 53.3 43.5 65.3
134 26.3 19.0 28.4





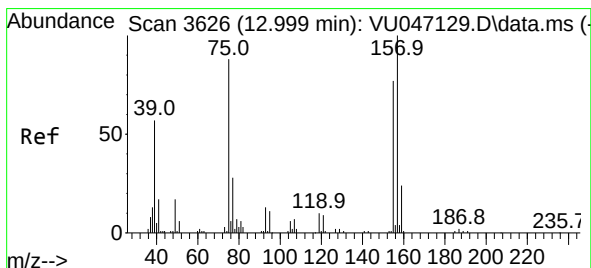
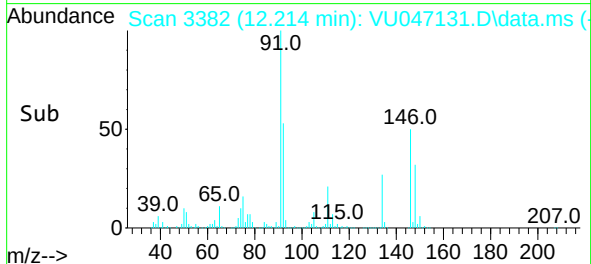
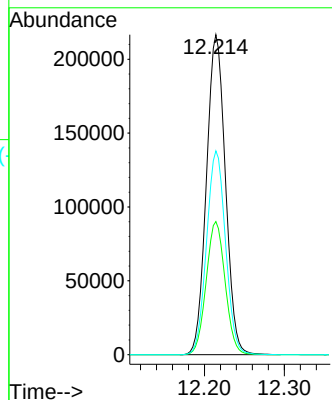
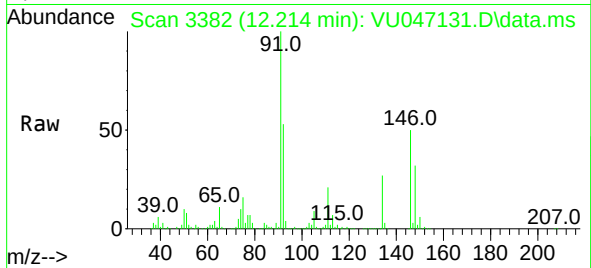
#85
1,2-Dichlorobenzene
Concen: 11.061 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422

Tgt Ion:146 Resp: 35728
Ion Ratio Lower Upper
146 100
111 41.6 22.1 66.1
148 63.9 31.6 94.7

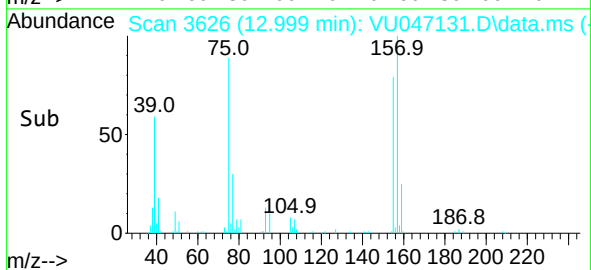
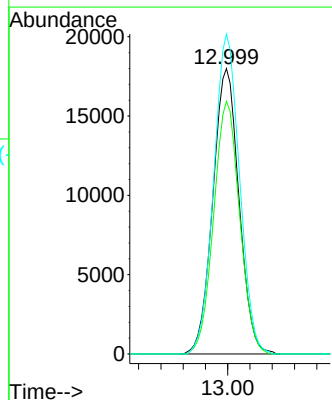
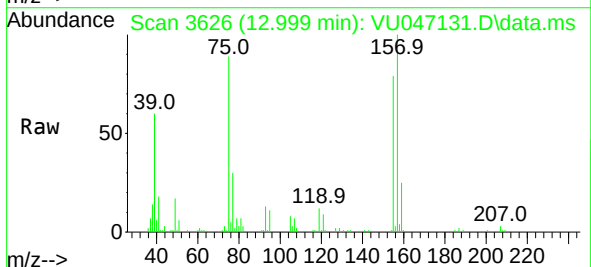
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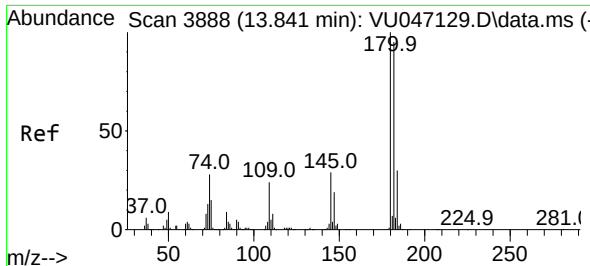
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.339 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

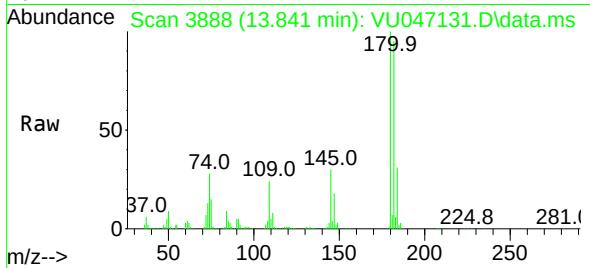
Tgt Ion: 75 Resp: 29339
Ion Ratio Lower Upper
75 100
155 87.8 57.8 86.8#
157 110.7 75.1 112.7





#87
 1,2,4-Trichlorobenzene
 Concen: 11.101 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44

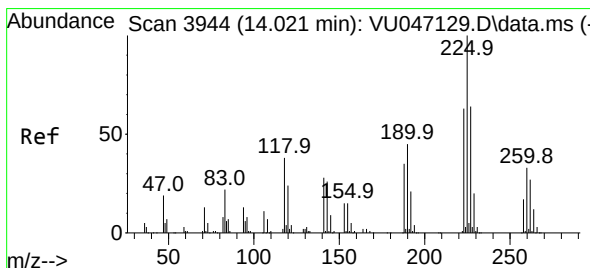
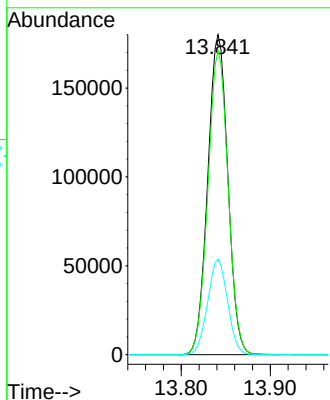
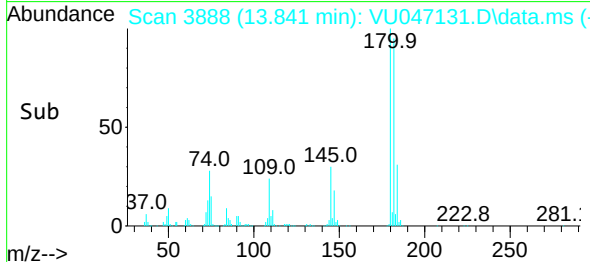
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU021422



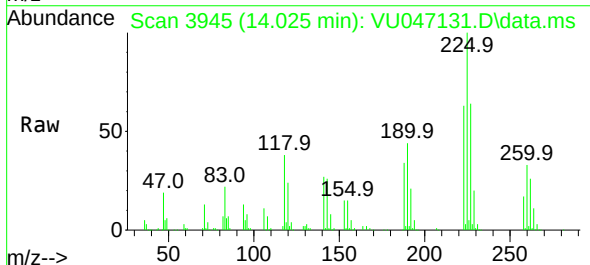
Tgt Ion:180 Resp: 28155
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.8 113.8
 145 29.6 25.3 37.9

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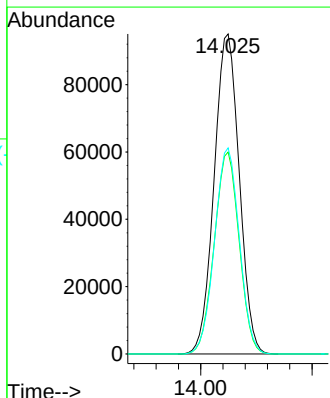
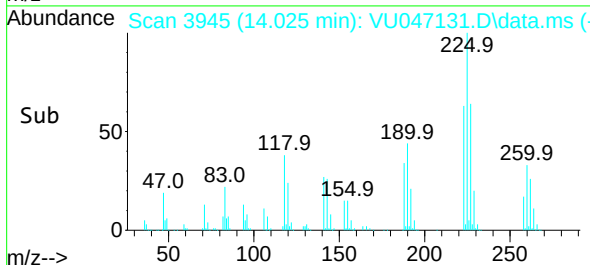
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

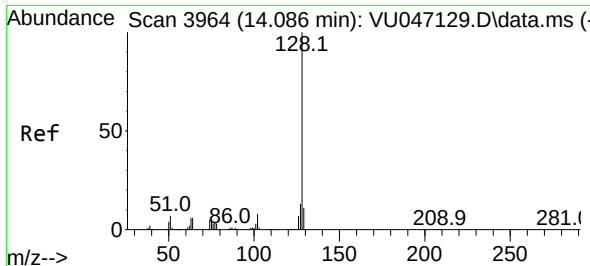


#88
 Hexachlorobutadiene
 Concen: 11.480 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU047131.D
 Acq: 14 Feb 2022 13:44



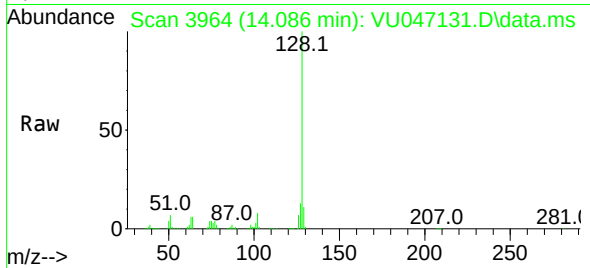
Tgt Ion:225 Resp: 148871
 Ion Ratio Lower Upper
 225 100
 223 62.5 51.1 76.7
 227 63.7 49.9 74.9





#89
Naphthalene
Concen: 10.788 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

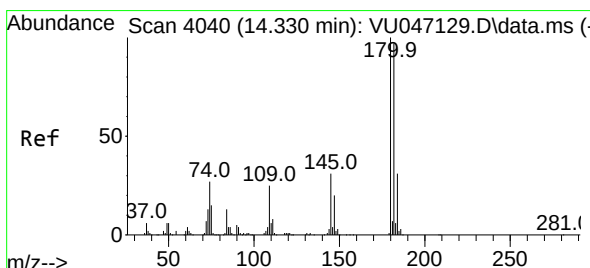
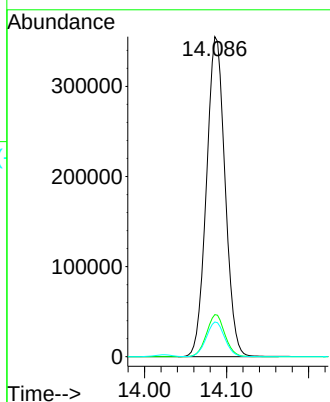
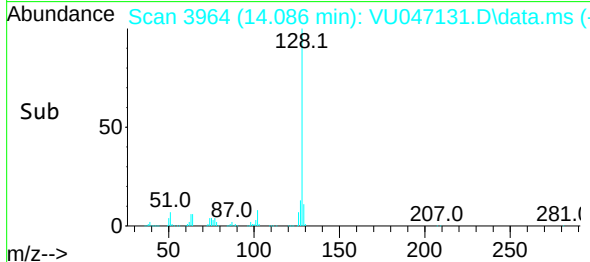
Instrument :
MSVOA_U
ClientSampleId :
ICVVU021422



Tgt Ion:128 Resp: 56043
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#90
1,2,3-Trichlorobenzene
Concen: 11.251 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047131.D
Acq: 14 Feb 2022 13:44

Tgt Ion:180 Resp: 255956
Ion Ratio Lower Upper
180 100
182 96.7 75.4 113.0
145 31.1 27.0 40.4

