

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047125.D
 Acq On : 14 Feb 2022 10:11
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 12:39:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 14 12:38:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	56832	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	21492	1.104	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	22228	0.998	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	8509	0.477	ug/l	99
3) Chloromethane	1.533	50	9298	0.456	ug/l	99
4) Vinyl Chloride	1.610	62	9030	0.463	ug/l	97
5) Bromomethane	1.864	94	6313	0.551	ug/l	97
6) Chloroethane	1.944	64	5172	0.434	ug/l	95
7) Trichlorofluoromethane	2.147	101	10609	0.432	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	5988	0.410	ug/l	95
9) 1,1-Dichloroethene	2.591	96	6892	0.535	ug/l	99
11) Allyl Chloride	2.932	41	9971	0.446	ug/l	99
12) Acrylonitrile	3.327	53	4831m	1.107	ug/l	
13) Acetone	2.649	43	5411	1.517	ug/l	96
14) Carbon Disulfide	2.803	76	21362	0.521	ug/l	# 95
15) Methylene Chloride	3.054	84	7890	0.483	ug/l	100
16) trans-1,2-Dichloroethene	3.362	96	6474	0.446	ug/l	95
17) 1,1-Dichloroethane	3.880	63	12322	0.437	ug/l	98
18) 2-Butanone	4.729	43	9459	1.799	ug/l	97
19) Cyclohexane	5.394	56	11333m	0.489	ug/l	
20) Methylcyclohexane	6.771	83	12472	0.561	ug/l	95
21) 2,2-Dichloropropane	4.671	77	10582	0.491	ug/l	# 91
22) cis-1,2-Dichloroethene	4.674	96	8127	0.498	ug/l	86
23) Diethyl Ether	2.385	59	5159	0.449	ug/l	97
25) Methyl tert-Butyl Ether	3.372	73	18557	0.490	ug/l	95
26) Bromochloromethane	4.986	128	3355	0.429	ug/l	94
27) Chloroform	5.095	83	13171	0.436	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	10654	0.453	ug/l	98
29) 1,1-Dichloropropene	5.533	75	9923	0.490	ug/l	98
30) Carbon Tetrachloride	5.526	117	9033	0.447	ug/l	93
31) Isopropyl Ether	4.005	45	19446	0.454	ug/l	96
32) Ethyl-t-butyl ether	4.513	59	19788	0.514	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	18293	0.533	ug/l	96
34) Propionitrile	4.813	54	2345	1.500	ug/l	# 90
35) Benzene	5.780	78	27142	0.445	ug/l	100
36) 1,2-Dichloroethane	5.800	62	7991	0.430	ug/l	99
37) Trichloroethene	6.549	130	7589	0.493	ug/l	88
38) 1,2-Dichloropropane	6.796	63	7147	0.442	ug/l	97
39) Methacrylonitrile	4.986	41	2648	0.457	ug/l	# 87
40) Methyl acrylate	4.861	55	4389	0.497	ug/l	# 94
41) Tetrahydrofuran	5.076	42	3228	0.988	ug/l	93
42) 1-Chlorobutane	5.465	56	13460	0.464	ug/l	98
43) Dibromomethane	6.925	93	3882	0.439	ug/l	91
44) Bromodichloromethane	7.111	83	9221	0.439	ug/l	92
45) 4-Methyl-2-Pentanone	7.796	43	26234	2.407	ug/l	98
46) t-1,4-Dichloro-2-butene	10.841	75	4612m	1.063	ug/l	

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 Sample : VSTDIC0.5
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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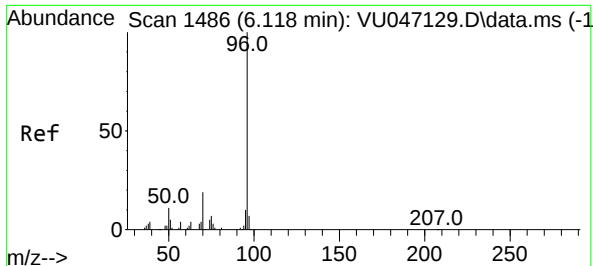
Manual Integrations
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Reviewed By : John Carlone 02/15/2022
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Quant Time: Feb 14 12:39:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 14 12:38:48 2022
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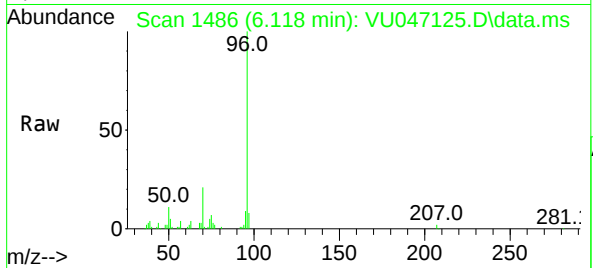
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.970	69	8826	1.128	ug/l	89
48) Ethyl methacrylate	8.336	69	7994	0.563	ug/l	95
49) Toluene	7.973	92	16971	0.469	ug/l	96
50) t-1,3-Dichloropropene	8.214	75	9754	0.531	ug/l	98
51) cis-1,3-Dichloropropene	7.613	75	10811	0.513	ug/l	95
52) 1,1,2-Trichloroethane	8.404	97	5510	0.436	ug/l	97
53) 1,3-Dichloropropane	8.581	76	9910	0.457	ug/l	99
54) 2-Hexanone	8.690	43	20335	2.587	ug/l	92
55) Dibromochloromethane	8.812	129	6372	0.444	ug/l	99
56) 1,2-Dibromoethane	8.928	107	5585	0.475	ug/l	99
58) Tetrachloroethene	8.555	164	6823	0.479	ug/l	96
59) Chlorobenzene	9.452	112	19337	0.498	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.539	131	6593	0.455	ug/l	97
61) Pentachloroethane	11.430	117	4828	0.403	ug/l	84
62) Hexachloroethane	12.478	117	5160	0.445	ug/l #	80
63) Ethyl Benzene	9.574	91	33654	0.524	ug/l	98
64) m/p-Xylenes	9.697	106	24600	0.978	ug/l	98
65) o-Xylene	10.102	106	12038	0.499	ug/l	96
66) Styrene	10.118	104	20268	0.498	ug/l	98
67) Bromoform	10.291	173	4141	0.472	ug/l #	94
69) Isopropylbenzene	10.488	105	32782	0.522	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	7333	0.437	ug/l	99
71) 1,2,3-Trichloropropane	10.828	75	6247m	0.474	ug/l	
72) Bromobenzene	10.787	156	8094	0.471	ug/l	91
73) n-propylbenzene	10.906	120	8947	0.512	ug/l	89
74) 2-Chlorotoluene	10.989	126	7848	0.493	ug/l	82
75) 1,3,5-Trimethylbenzene	11.089	105	26937	0.493	ug/l	100
76) 4-Chlorotoluene	11.102	126	8144	0.493	ug/l	85
77) tert-Butylbenzene	11.420	119	27406	0.510	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	27548	0.495	ug/l	98
79) sec-Butylbenzene	11.645	105	35328	0.489	ug/l	99
80) Nitrobenzene	13.214	77	1886	2.635	ug/l #	84
81) p-Isopropyltoluene	11.796	119	30143	0.504	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	15862	0.462	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	16167	0.480	ug/l	97
84) n-Butylbenzene	12.211	91	28408	0.496	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	15763	0.477	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1416	0.520	ug/l	90
87) 1,2,4-Trichlorobenzene	13.844	180	11963	0.555	ug/l	98
88) Hexachlorobutadiene	14.024	225	5797	0.430	ug/l	95
90) 1,2,3-Trichlorobenzene	14.333	180	10322	0.486	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

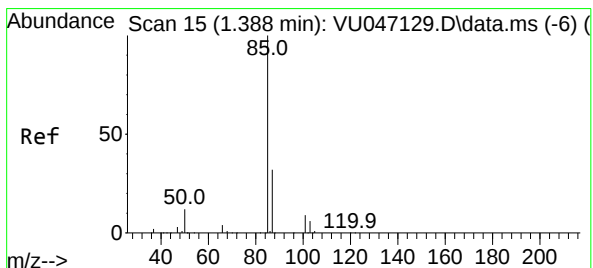
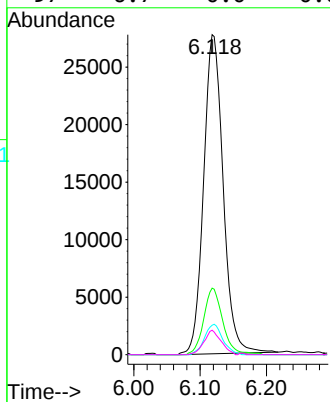
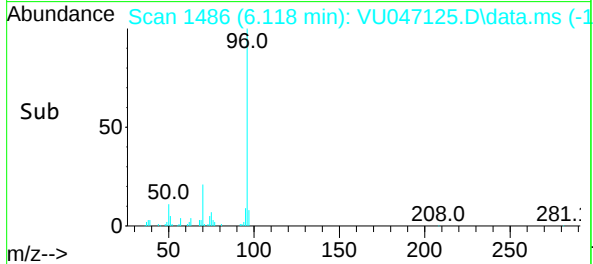
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 5683
Ion Ratio Lower Upper
96 100
70 20.4 16.8 25.2
95 8.9 7.3 10.9
97 6.7 0.0 0.0#

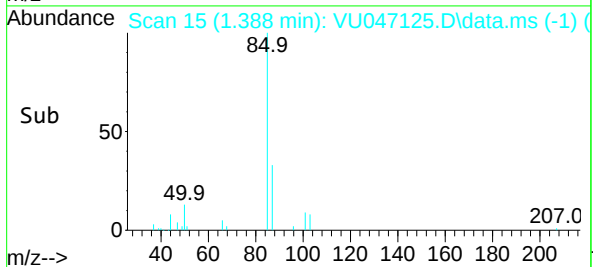
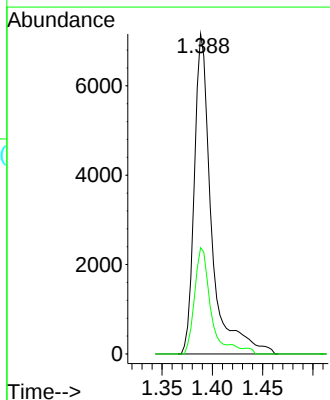
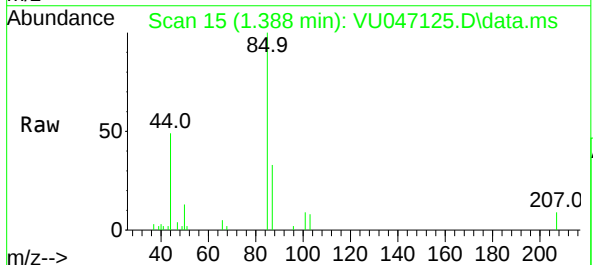
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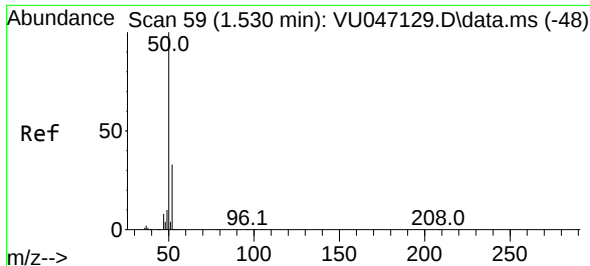
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#2
Dichlorodifluoromethane
Concen: 0.477 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

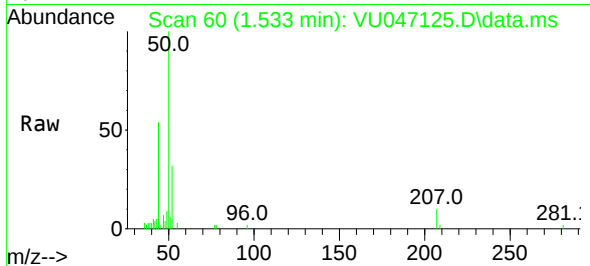
Tgt Ion: 85 Resp: 8509
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





#3
Chloromethane
Concen: 0.456 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

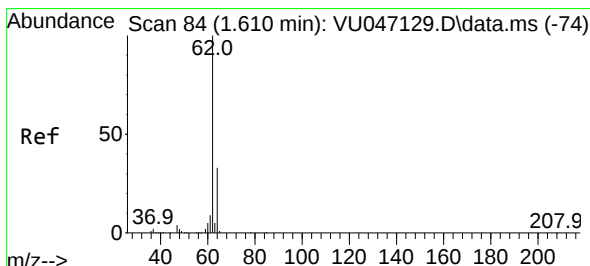
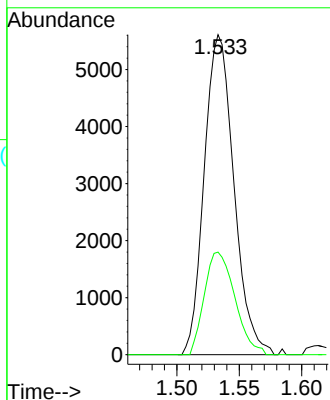
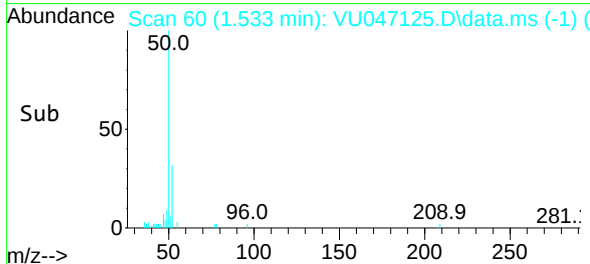
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 50 Resp: 9298
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.4

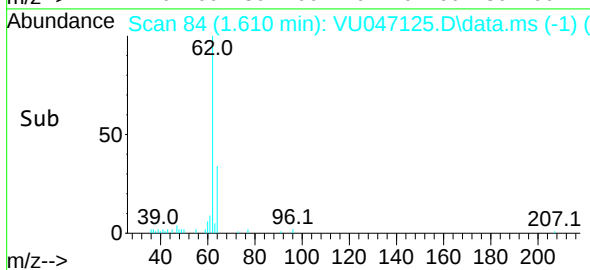
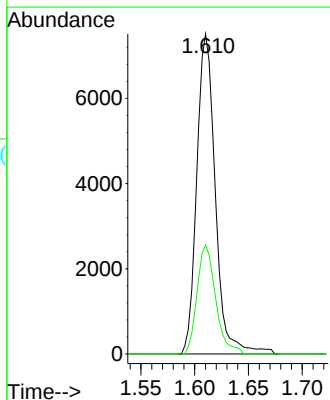
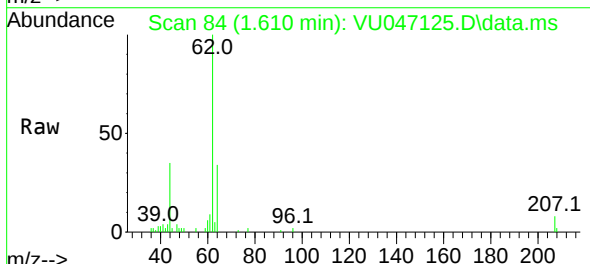
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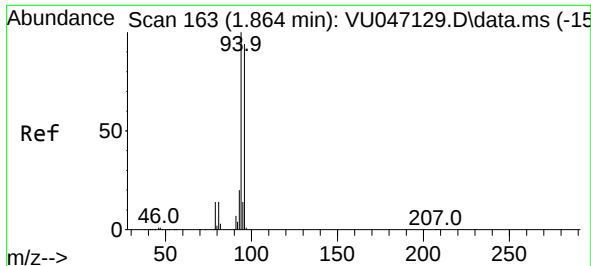
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#4
Vinyl Chloride
Concen: 0.463 ug/l
RT: 1.610 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 62 Resp: 9030
Ion Ratio Lower Upper
62 100
64 34.0 26.0 39.0





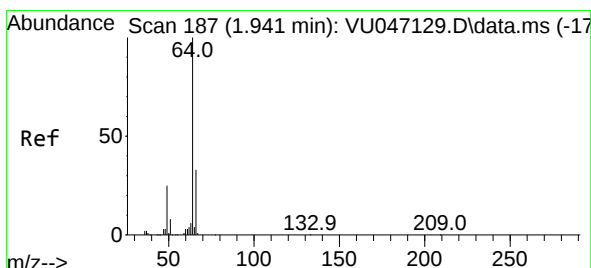
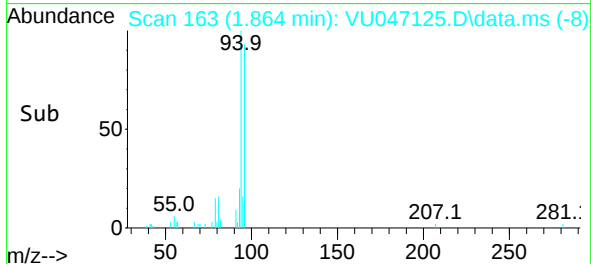
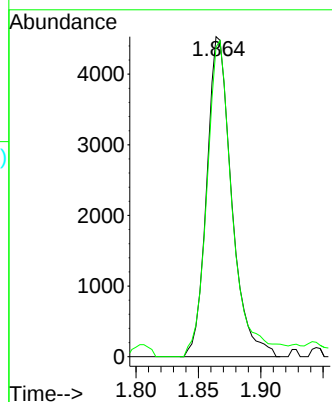
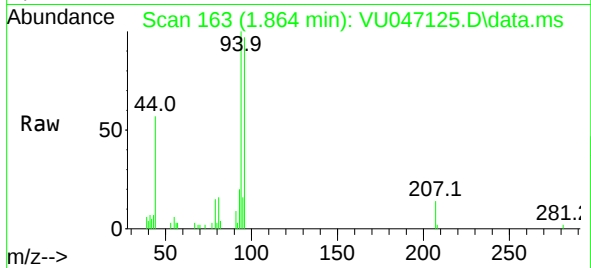
#5
Bromomethane
Concen: 0.551 ug/l
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 94 Resp: 631
Ion Ratio Lower Upper
94 100
96 96.8 75.0 112.4

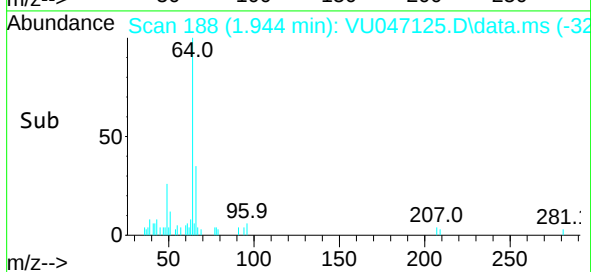
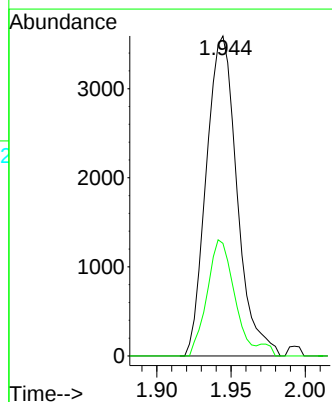
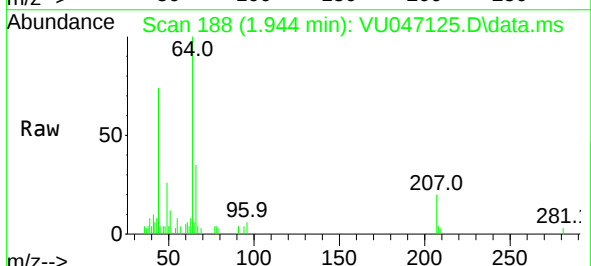
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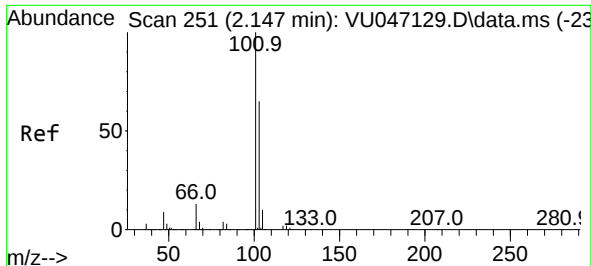
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#6
Chloroethane
Concen: 0.434 ug/l
RT: 1.944 min Scan# 188
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

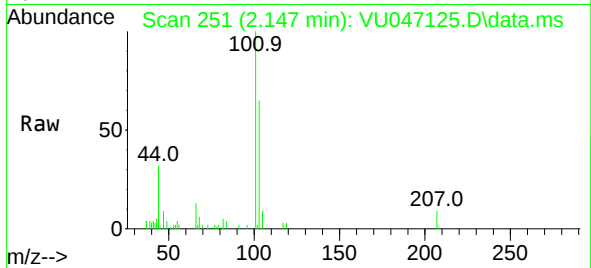
Tgt Ion: 64 Resp: 5172
Ion Ratio Lower Upper
64 100
66 35.2 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 0.432 ug/l
 RT: 2.147 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047125.D
 Acq: 14 Feb 2022 10:11

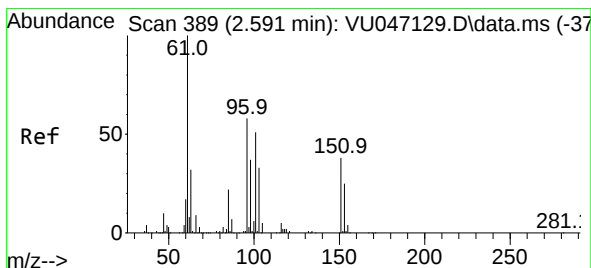
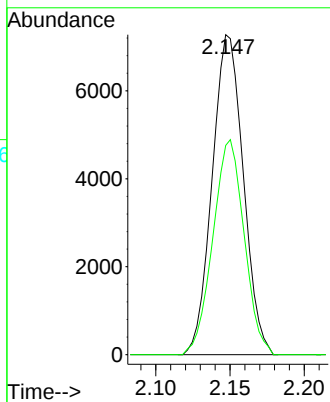
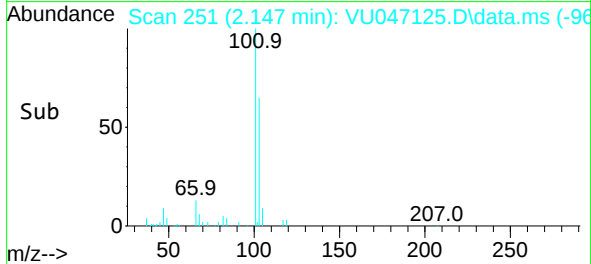
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



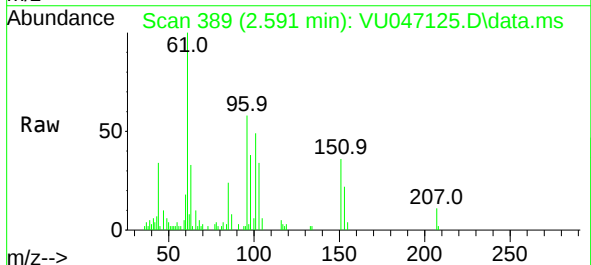
Tgt Ion:101 Resp: 10609
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2

Manual Integrations
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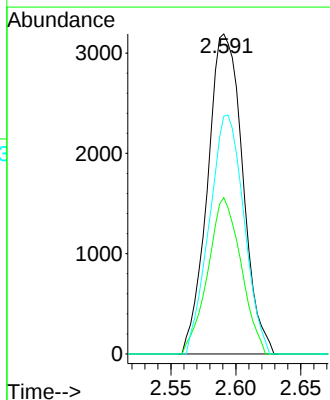
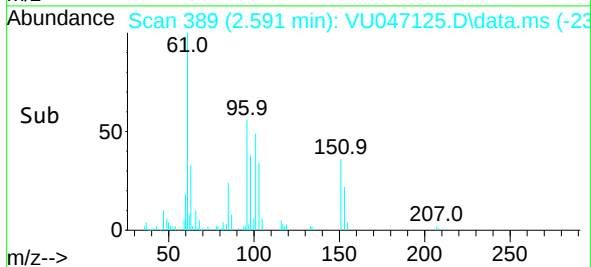
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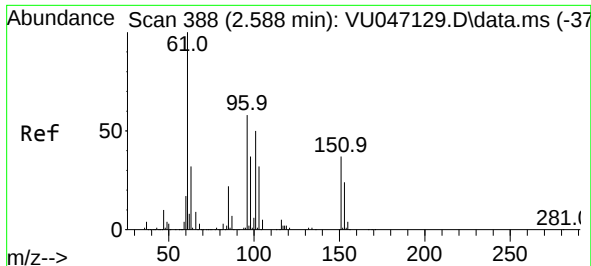


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.410 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VU047125.D
 Acq: 14 Feb 2022 10:11



Tgt Ion:101 Resp: 5988
 Ion Ratio Lower Upper
 101 100
 85 46.2 35.8 53.6
 151 73.6 54.6 81.8





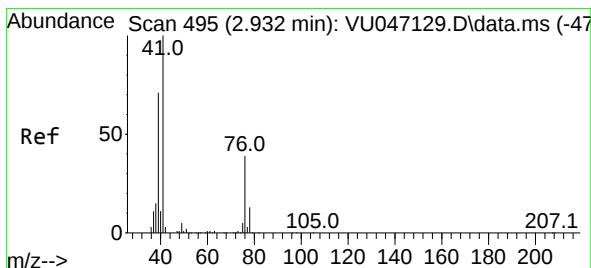
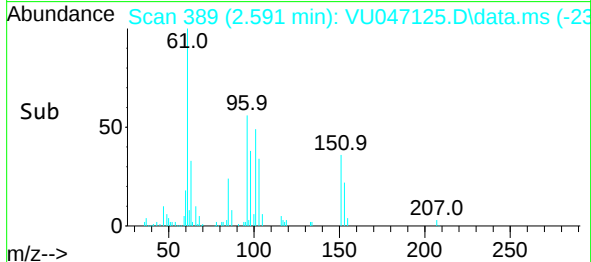
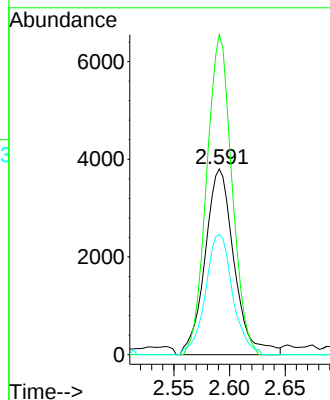
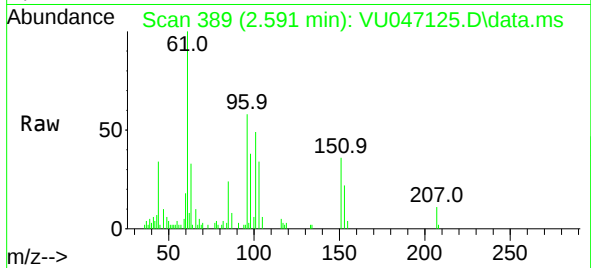
#9
1,1-Dichloroethene
Concen: 0.535 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 6892
Ion Ratio Lower Upper
96 100
61 172.2 0.0 514.2
98 64.8 0.0 126.4

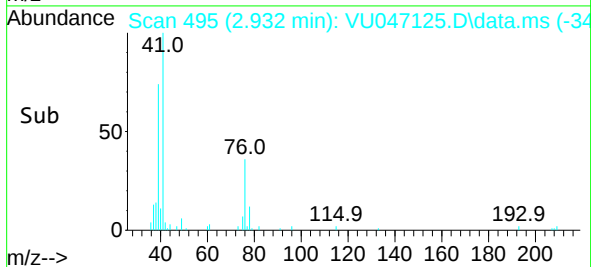
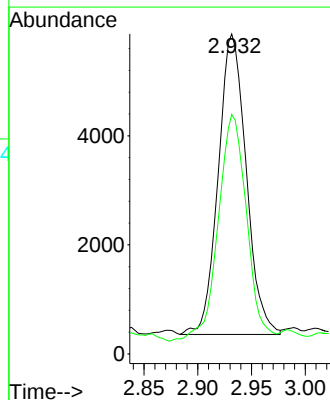
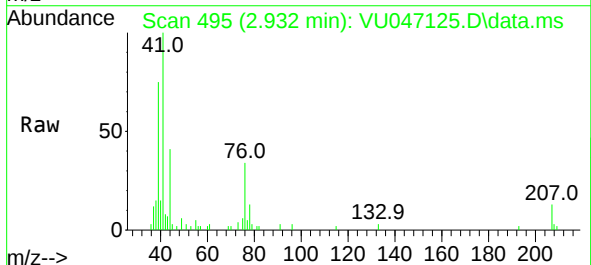
Manual Integrations
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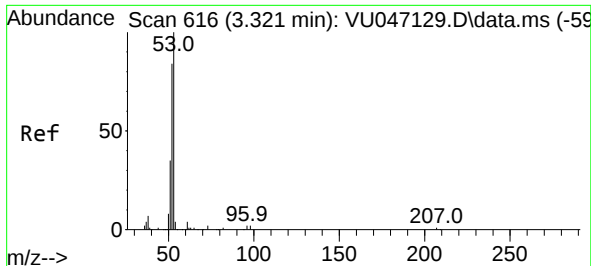
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#11
Allyl Chloride
Concen: 0.446 ug/l
RT: 2.932 min Scan# 495
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

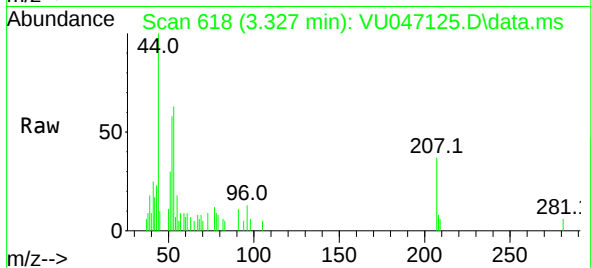
Tgt Ion: 41 Resp: 9971
Ion Ratio Lower Upper
41 100
39 77.2 62.4 93.6





#12
Acrylonitrile
Concen: 1.107 ug/l m
RT: 3.327 min Scan# 616
Delta R.T. 0.006 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

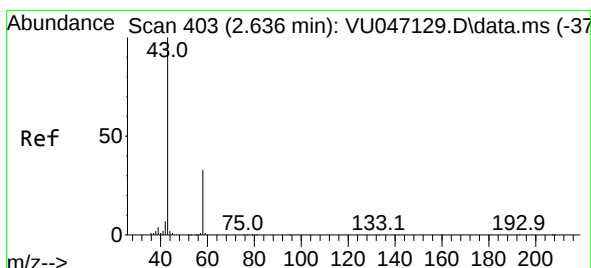
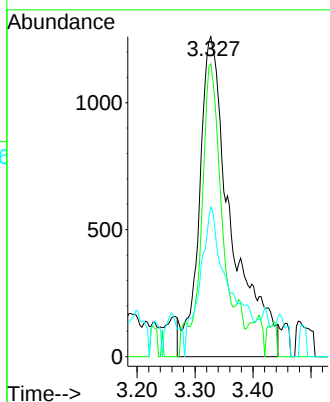
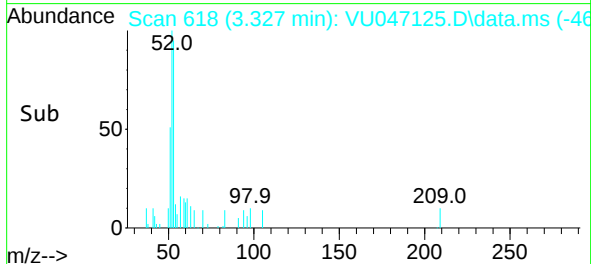
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



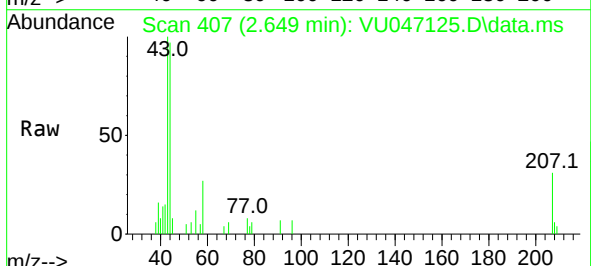
Tgt Ion: 53 Resp: 483
Ion Ratio Lower Upper
53 100
52 46.1 56.7 85.1
51 43.6 30.3 45.5

Manual Integrations
APPROVED

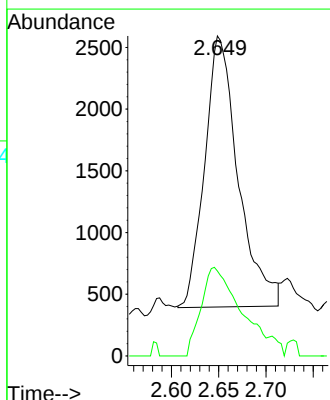
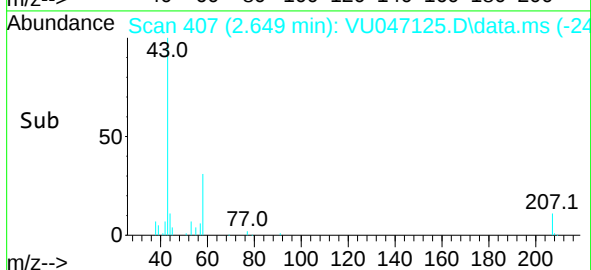
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

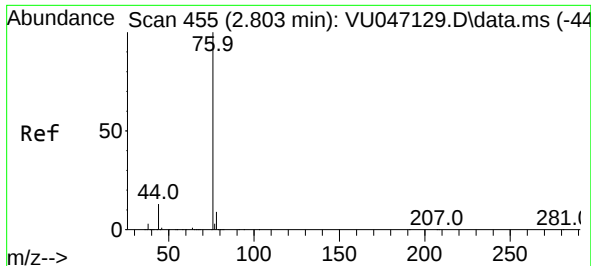


#13
Acetone
Concen: 1.517 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.013 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



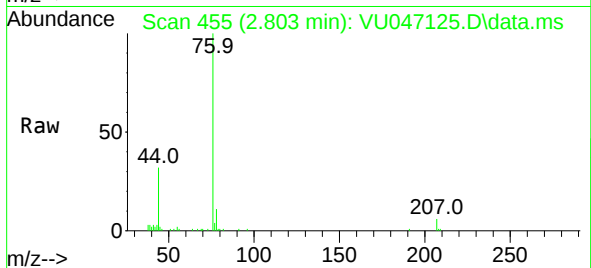
Tgt Ion: 43 Resp: 5411
Ion Ratio Lower Upper
43 100
58 31.4 27.1 40.7





#14
Carbon Disulfide
Concen: 0.521 ug/l
RT: 2.803 min Scan# 455
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

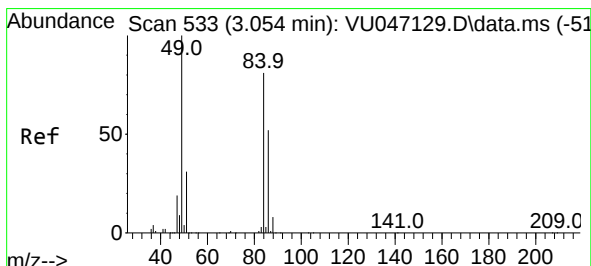
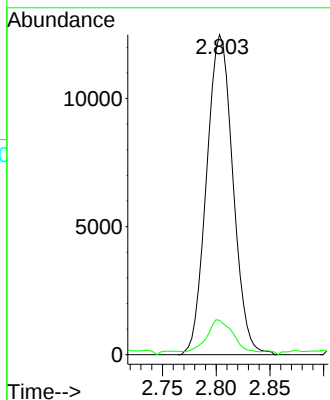
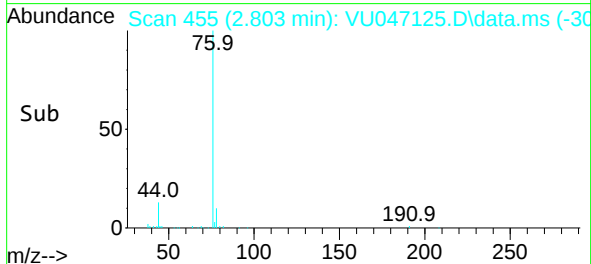
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



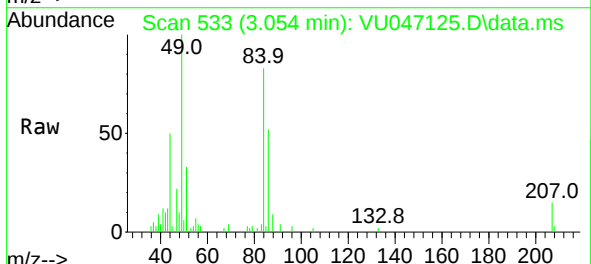
Tgt Ion: 76 Resp: 21362
Ion Ratio Lower Upper
76 100
78 10.8 7.1 10.7

Manual Integrations
APPROVED

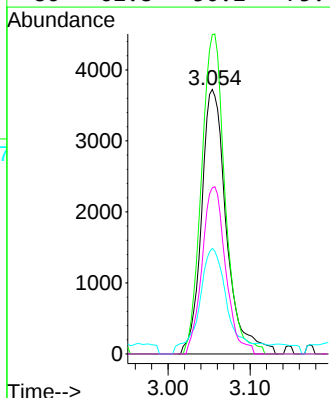
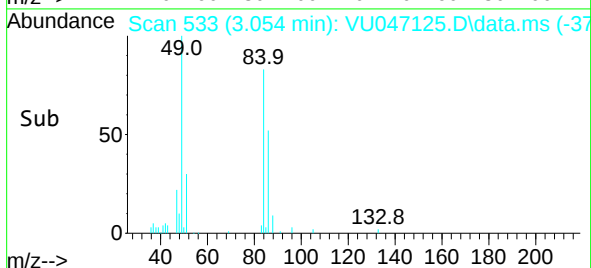
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

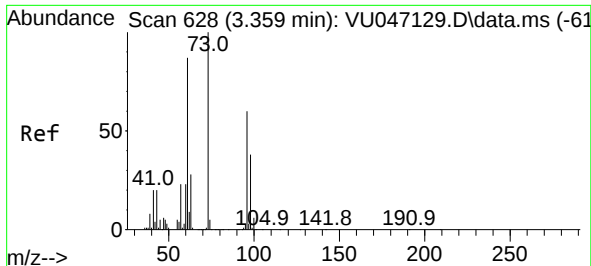


#15
Methylene Chloride
Concen: 0.483 ug/l
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



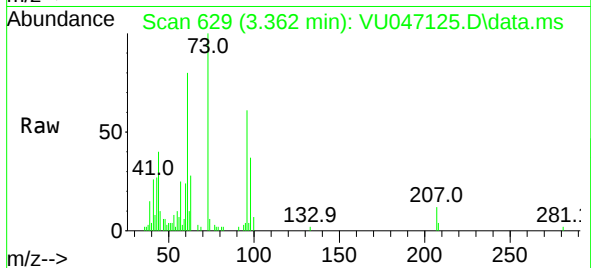
Tgt Ion: 84 Resp: 7890
Ion Ratio Lower Upper
84 100
49 120.8 97.2 145.8
51 36.5 0.0 73.4
86 62.8 50.2 75.4





#16
trans-1,2-Dichloroethene
Concen: 0.446 ug/l
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

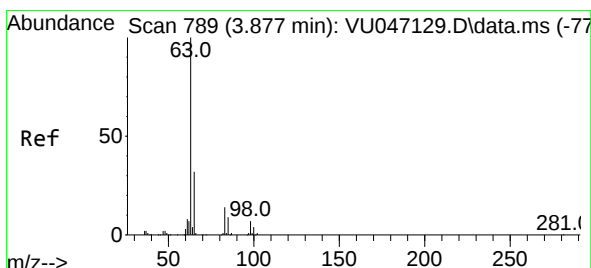
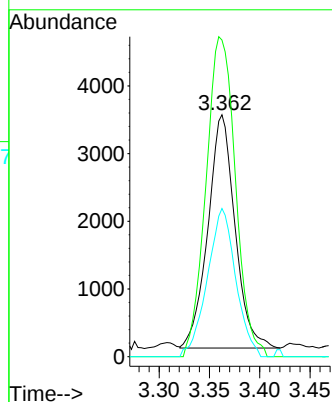
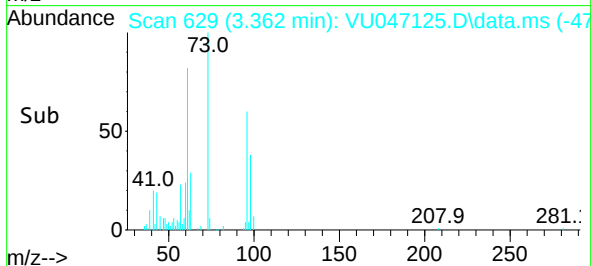
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



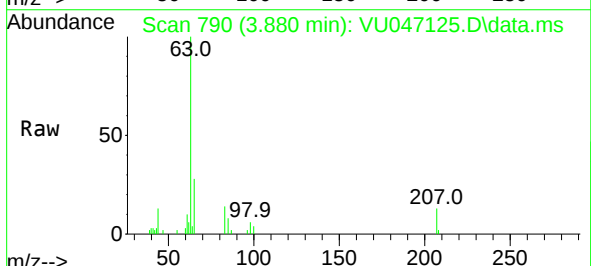
Tgt Ion: 96 Resp: 6474
Ion Ratio Lower Upper
96 100
61 135.7 115.8 173.6
98 63.5 51.1 76.7

Manual Integrations
APPROVED

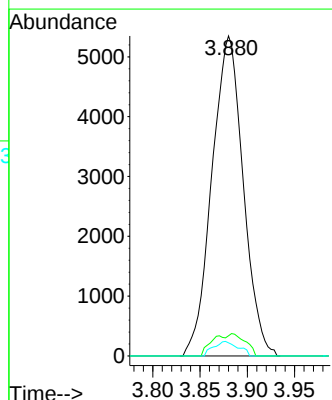
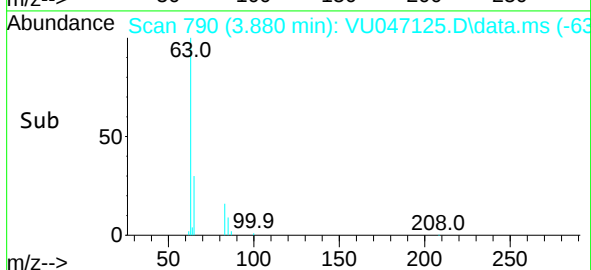
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

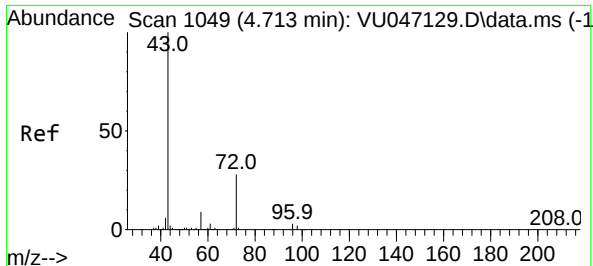


#17
1,1-Dichloroethane
Concen: 0.437 ug/l
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



Tgt Ion: 63 Resp: 12322
Ion Ratio Lower Upper
63 100
98 6.3 3.6 10.8
100 4.1 2.1 6.5





#18

2-Butanone

Concen: 1.799 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. 0.016 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

43 100

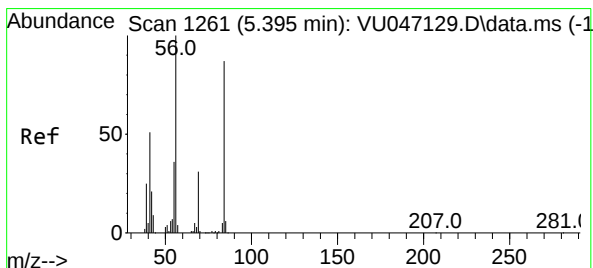
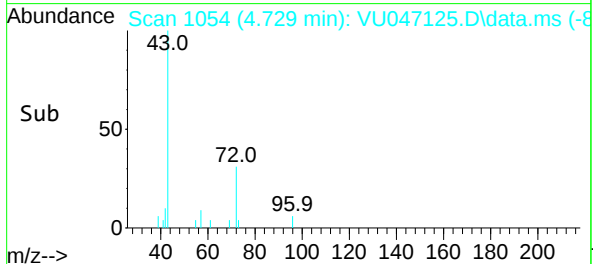
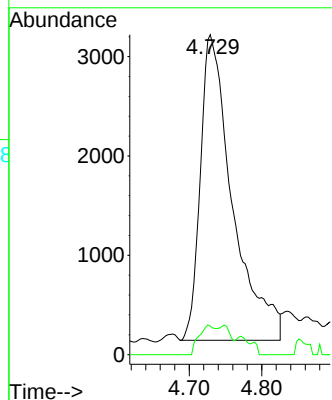
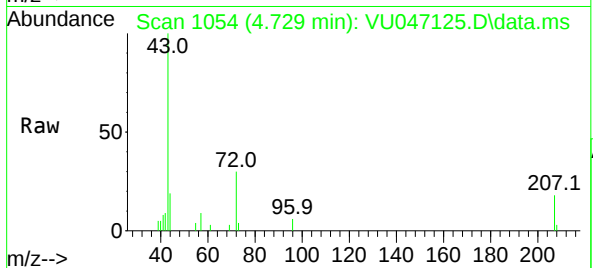
57 9.4 0.0 16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#19

Cyclohexane

Concen: 0.489 ug/l m

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

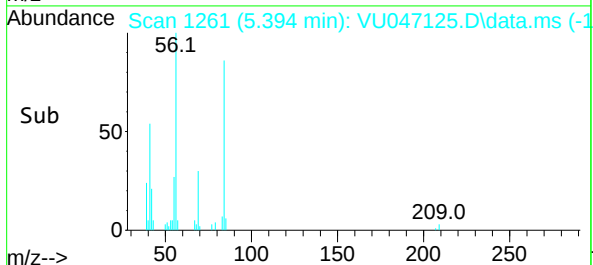
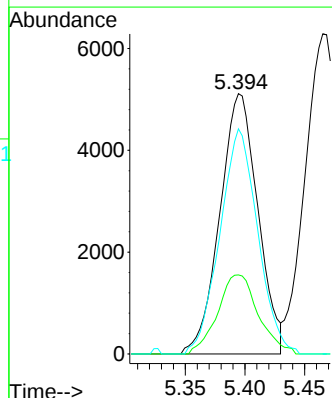
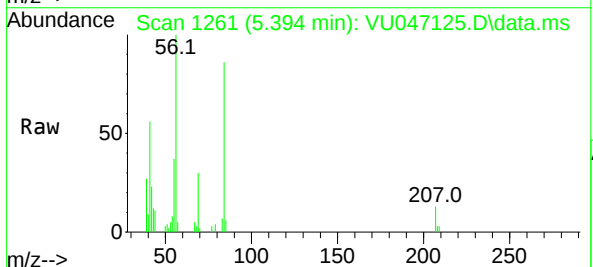
Tgt Ion: 56 Resp: 11333

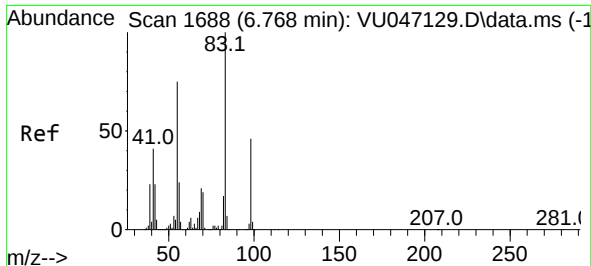
Ion Ratio Lower Upper

56 100

69 32.5 24.7 37.1

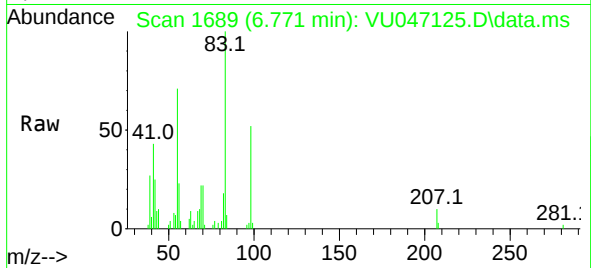
84 86.1 68.8 103.2





#20
Methylcyclohexane
Concen: 0.561 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

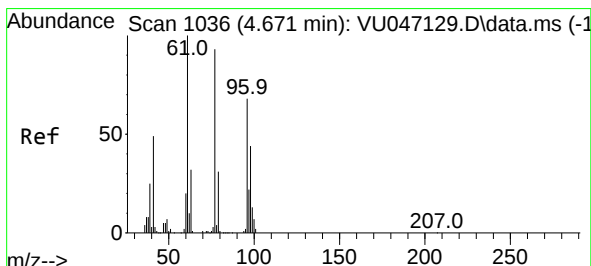
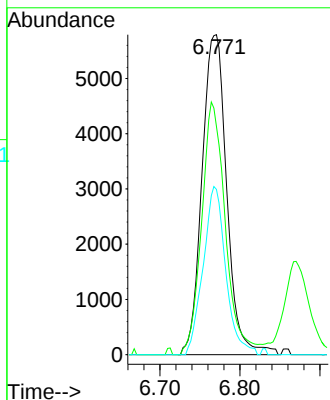
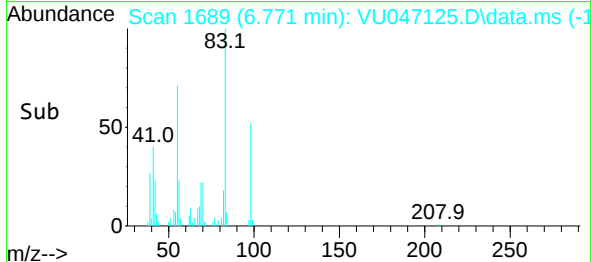
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 83 Resp: 12472
Ion Ratio Lower Upper
83 100
55 71.2 61.9 92.9
98 48.0 37.4 56.2

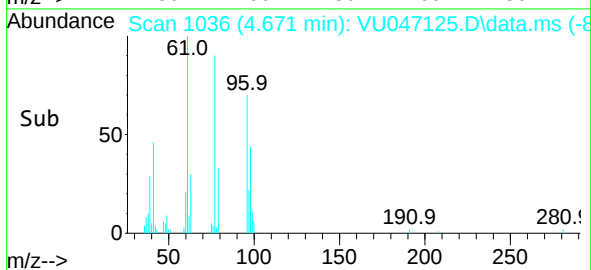
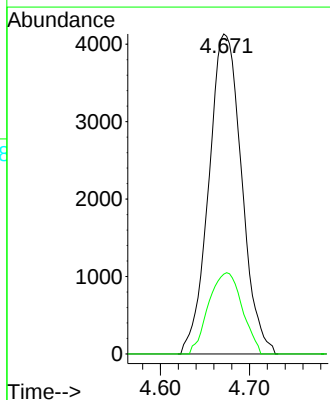
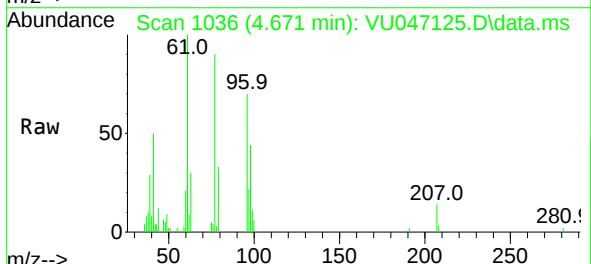
Manual Integrations
APPROVED

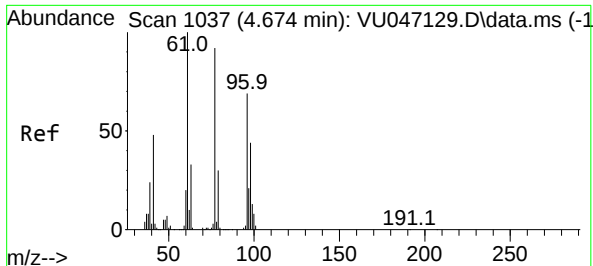
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#21
2,2-Dichloropropane
Concen: 0.491 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 77 Resp: 10582
Ion Ratio Lower Upper
77 100
97 25.9 17.2 25.8#





#22

cis-1,2-Dichloroethene

Concen: 0.498 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

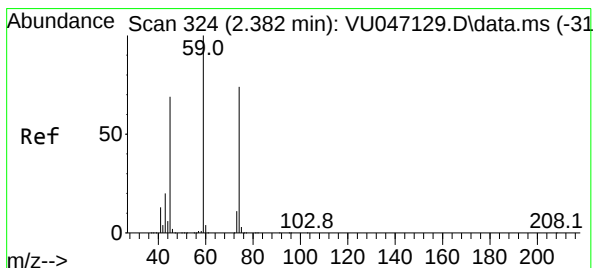
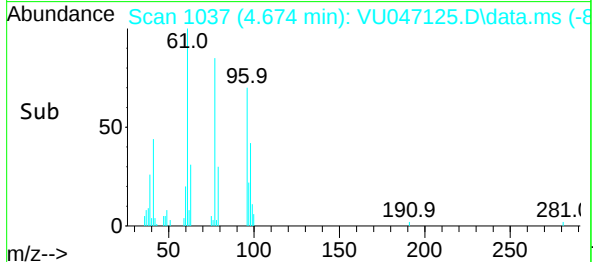
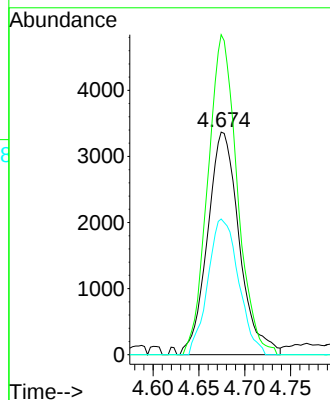
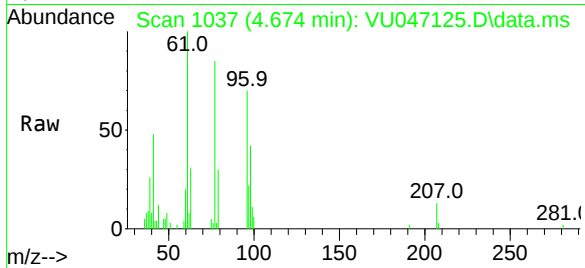
Tgt Ion:	96	Resp:	812
Ion Ratio	Lower	Upper	
96	100		
61	133.2	0.0	385.3
98	58.7	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#23

Diethyl Ether

Concen: 0.449 ug/l

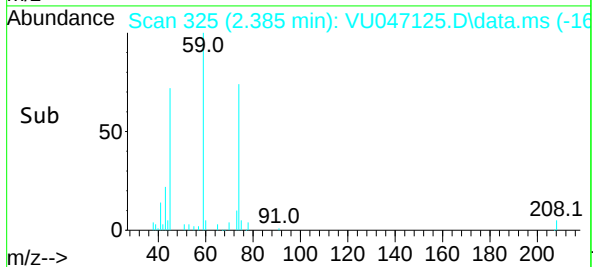
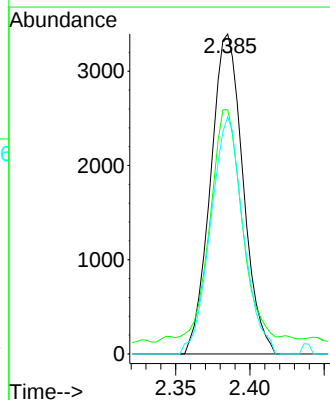
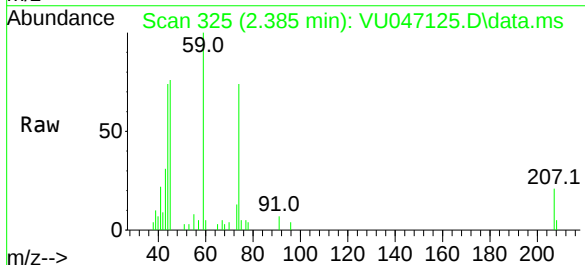
RT: 2.385 min Scan# 325

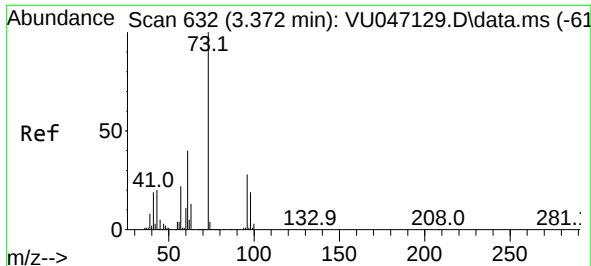
Delta R.T. 0.003 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

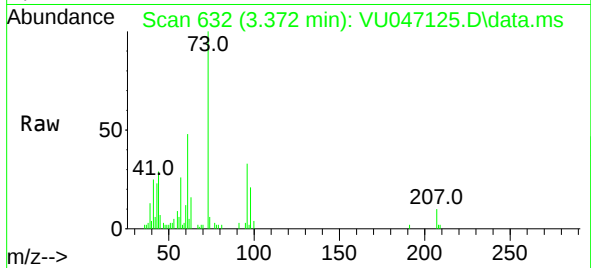
Tgt Ion:	59	Resp:	5159
Ion Ratio	Lower	Upper	
59	100		
45	72.4	55.6	83.4
74	74.7	58.1	87.1





#25
Methyl tert-Butyl Ether
Concen: 0.490 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

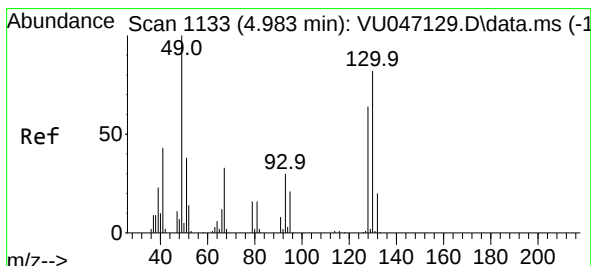
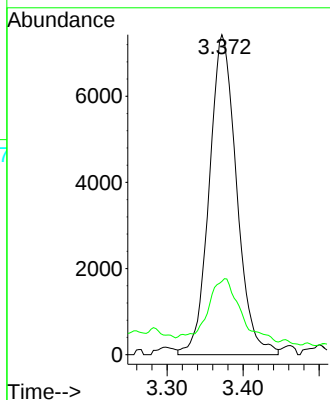
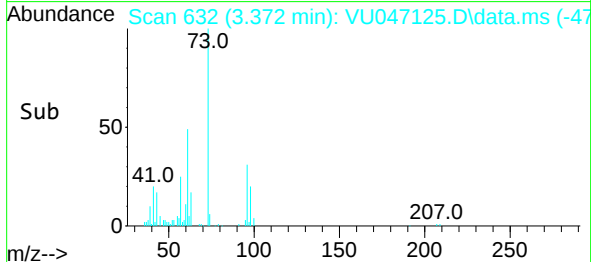
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



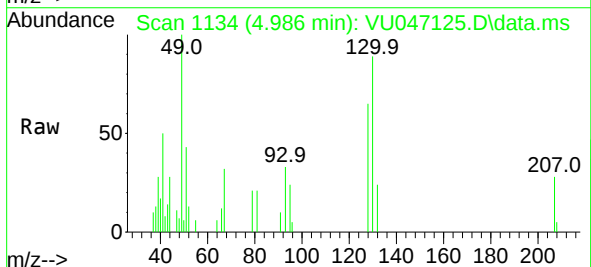
Tgt Ion: 73 Resp: 1855
Ion Ratio Lower Upper
73 100
43 22.8 16.3 24.5

Manual Integrations
APPROVED

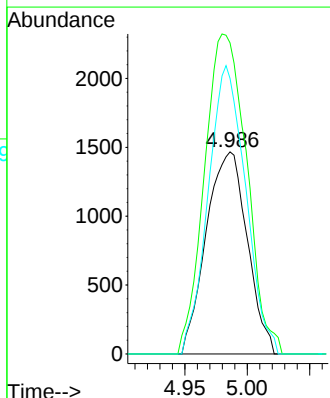
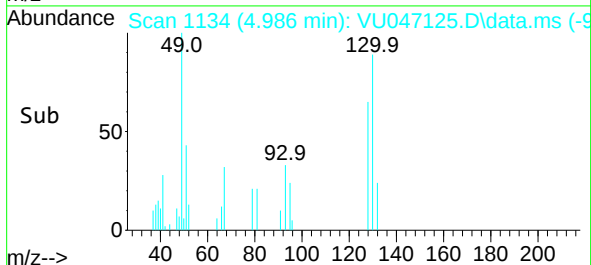
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

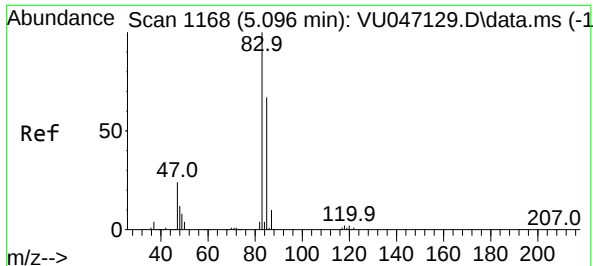


#26
Bromochloromethane
Concen: 0.429 ug/l
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



Tgt Ion:128 Resp: 3355
Ion Ratio Lower Upper
128 100
49 162.4 0.0 347.4
130 130.3 101.5 152.3





#27

Chloroform

Concen: 0.436 ug/l

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 1317

Ion Ratio Lower Upper

83 100

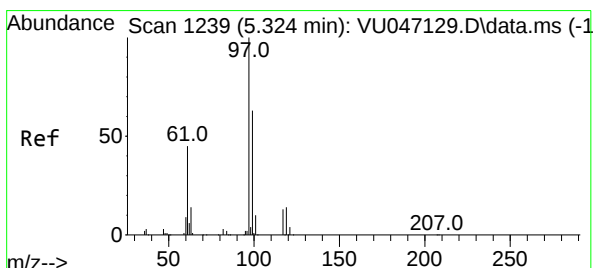
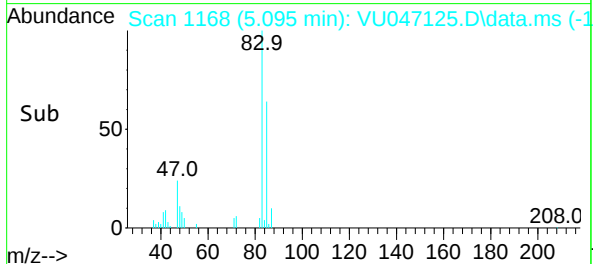
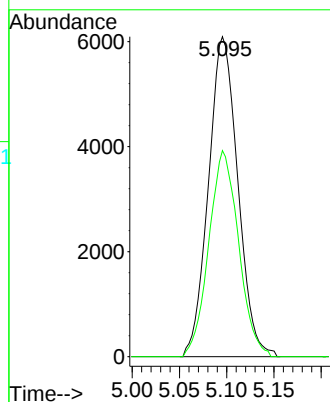
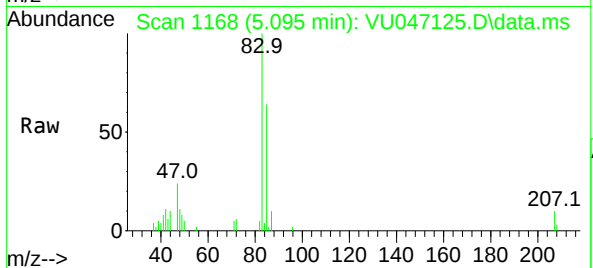
85 64.4 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#28

1,1,1-Trichloroethane

Concen: 0.453 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

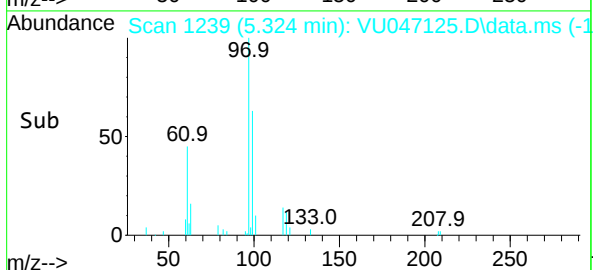
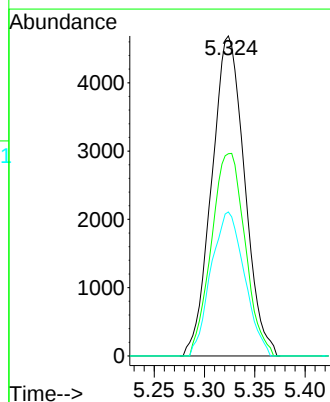
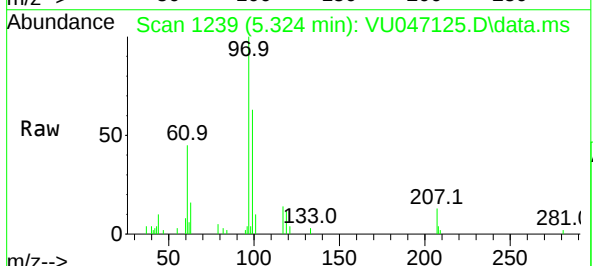
Tgt Ion: 97 Resp: 10654

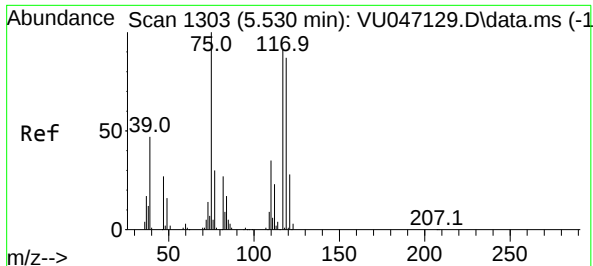
Ion Ratio Lower Upper

97 100

99 64.8 32.2 96.6

61 45.8 24.5 73.5





#29

1,1-Dichloropropene

Concen: 0.490 ug/l

RT: 5.533 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

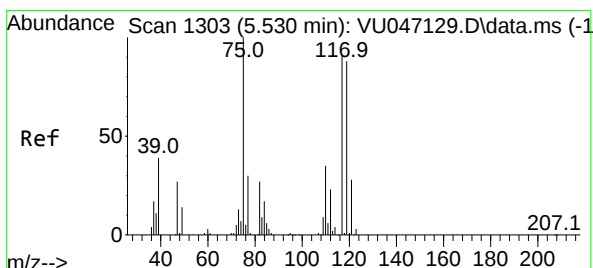
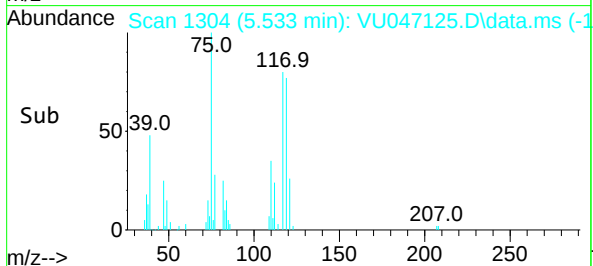
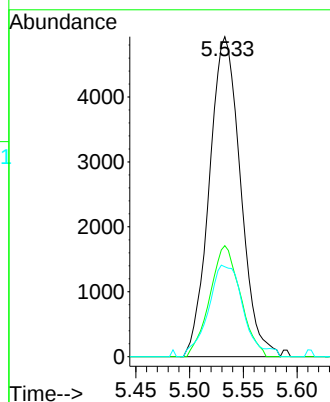
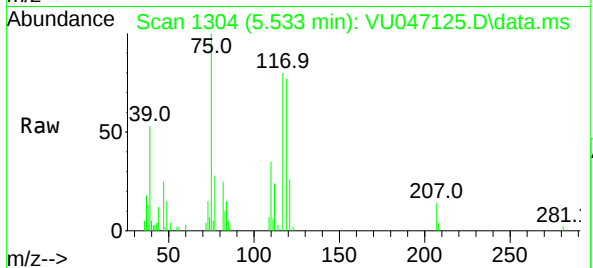
Tgt Ion: 75	Resp: 992
Ion Ratio	Lower Upper
75	100
110	34.0 16.8 50.3
77	32.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#30

Carbon Tetrachloride

Concen: 0.447 ug/l

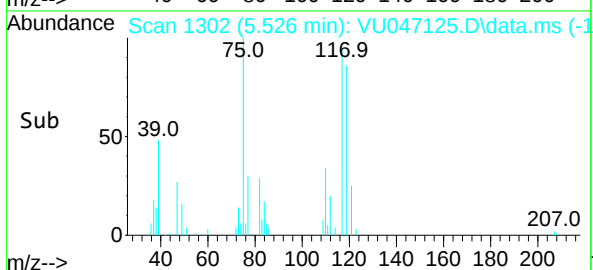
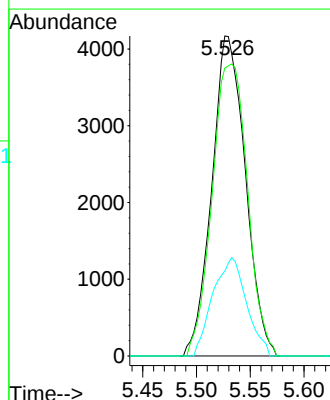
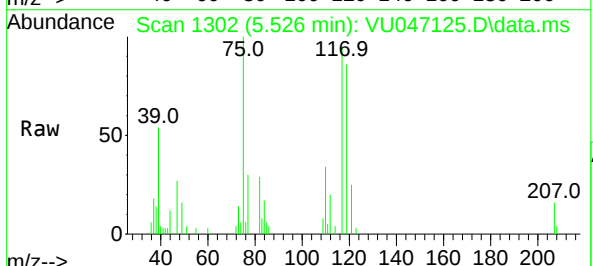
RT: 5.526 min Scan# 1302

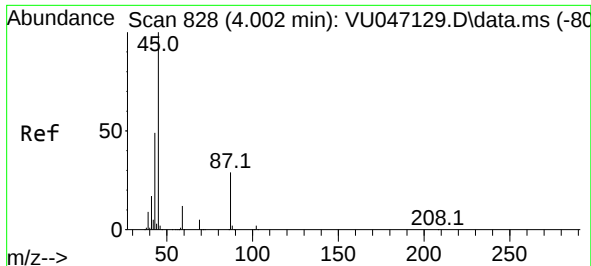
Delta R.T. -0.003 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Tgt Ion: 117	Resp: 9033
Ion Ratio	Lower Upper
117	100
119	90.0 76.8 115.2
121	26.6 24.6 37.0





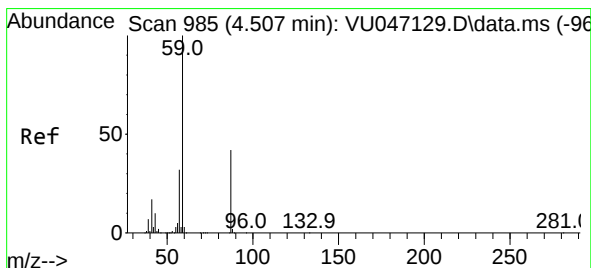
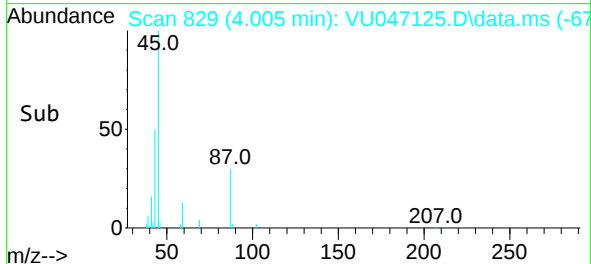
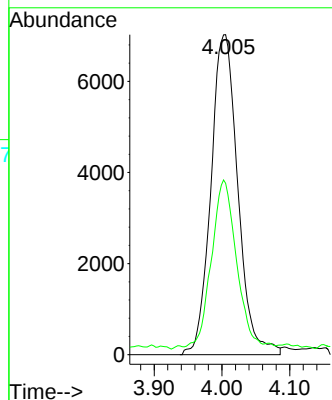
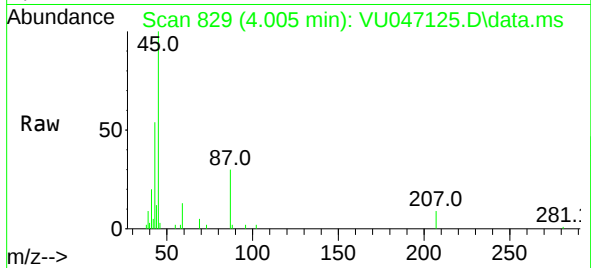
#31
Isopropyl Ether
Concen: 0.454 ug/l
RT: 4.005 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 1944
Ion Ratio Lower Upper
45 100
43 47.4 25.3 75.8

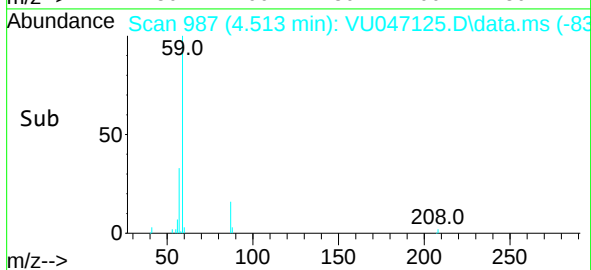
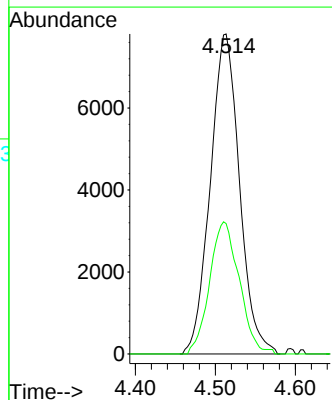
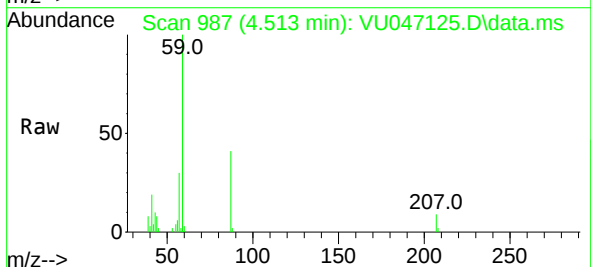
Manual Integrations
APPROVED

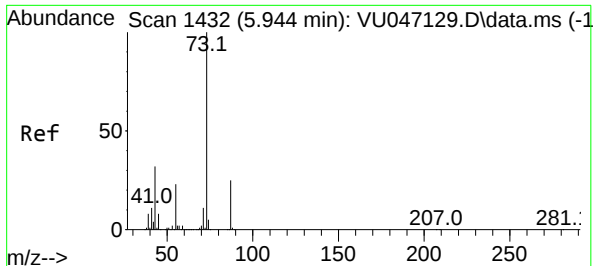
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#32
Ethyl-t-butyl ether
Concen: 0.514 ug/l
RT: 4.513 min Scan# 987
Delta R.T. 0.006 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

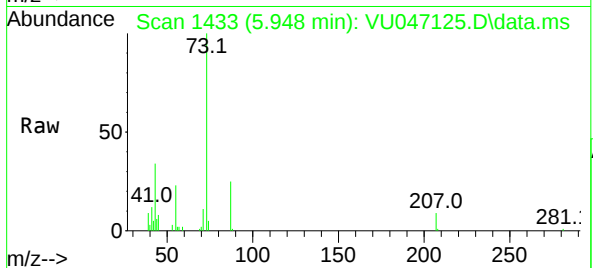
Tgt Ion: 59 Resp: 19788
Ion Ratio Lower Upper
59 100
87 41.9 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 0.533 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

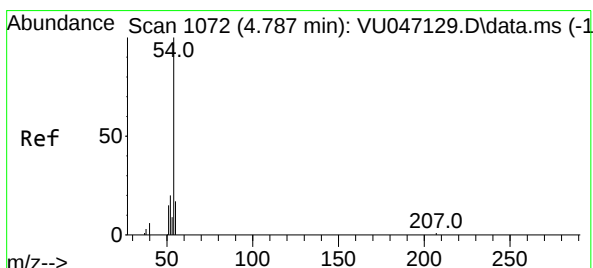
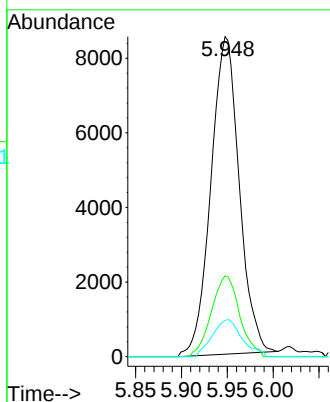
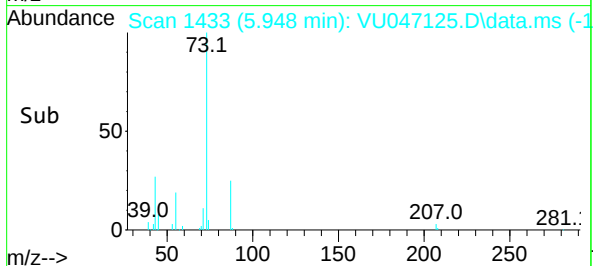
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



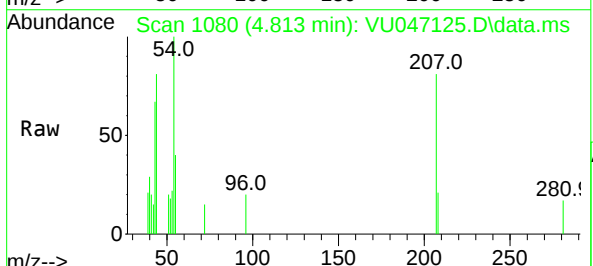
Tgt Ion: 73 Resp: 1829
Ion Ratio Lower Upper
73 100
87 25.3 18.6 28.0
71 12.3 9.0 13.6

Manual Integrations
APPROVED

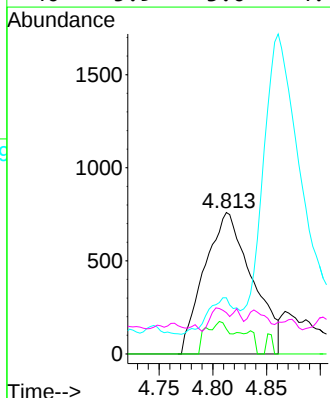
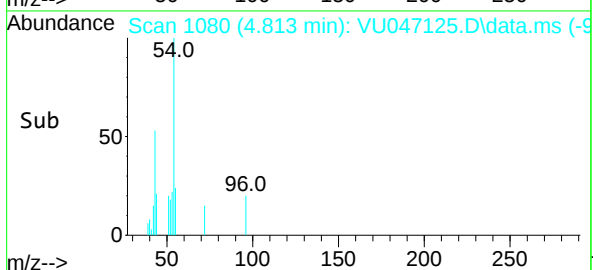
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

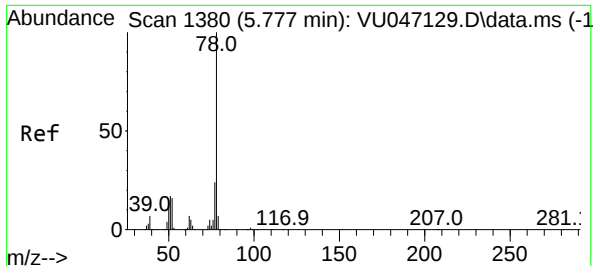


#34
Propionitrile
Concen: 1.500 ug/l
RT: 4.813 min Scan# 1080
Delta R.T. 0.026 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



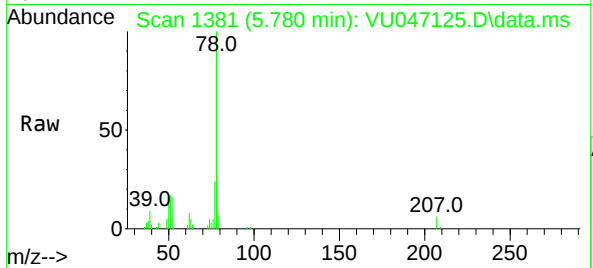
Tgt Ion: 54 Resp: 2345
Ion Ratio Lower Upper
54 100
52 11.3 11.9 17.9#
55 14.4 8.0 12.0#
40 5.9 3.0 4.4#





#35
Benzene
Concen: 0.445 ug/l
RT: 5.780 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

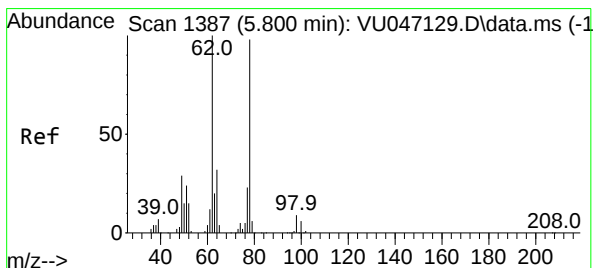
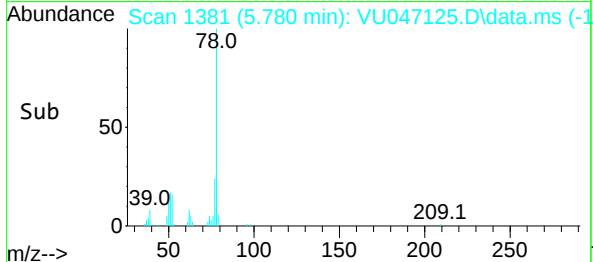
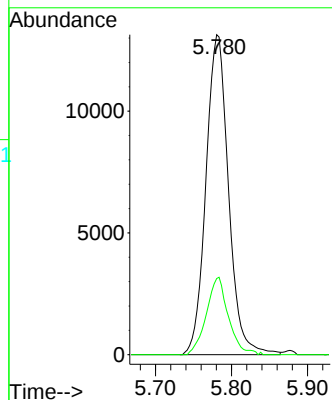
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 78 Resp: 2714
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

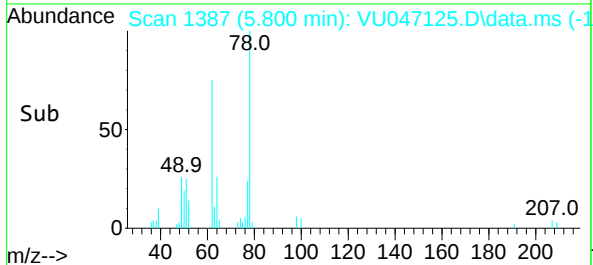
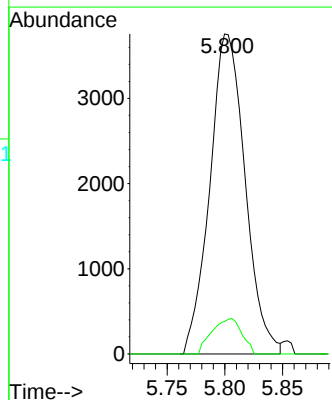
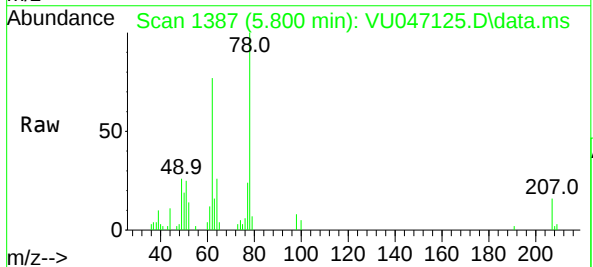
Manual Integrations
APPROVED

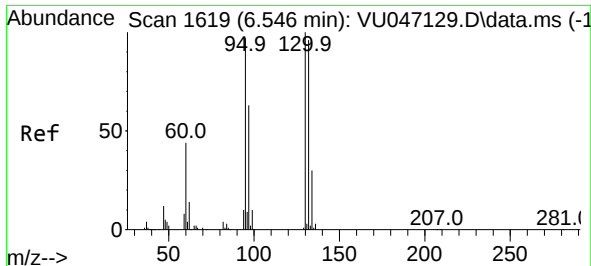
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#36
1,2-Dichloroethane
Concen: 0.430 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

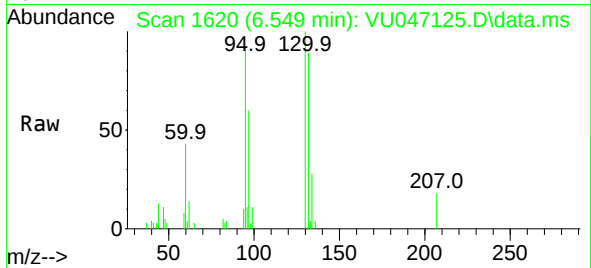
Tgt Ion: 62 Resp: 7991
Ion Ratio Lower Upper
62 100
98 9.3 7.3 10.9





#37
Trichloroethene
Concen: 0.493 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

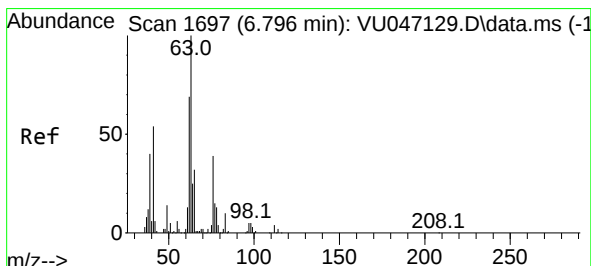
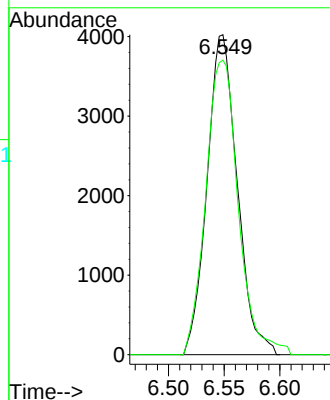
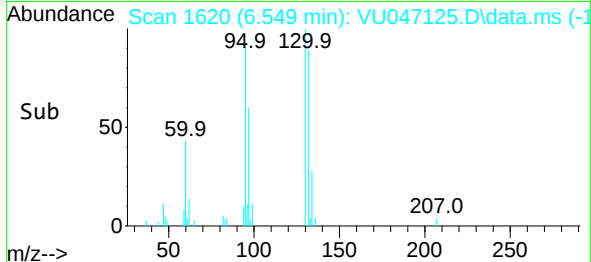
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



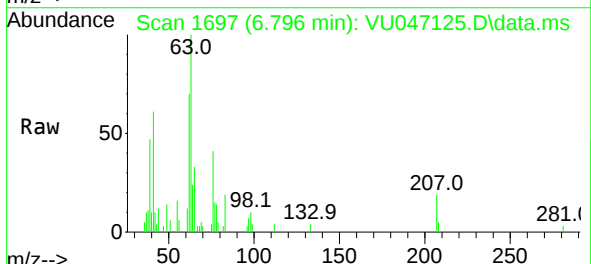
Tgt Ion:130 Resp: 7589
Ion Ratio Lower Upper
130 100
95 92.1 83.8 125.8

Manual Integrations
APPROVED

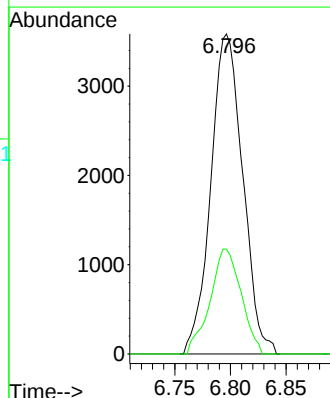
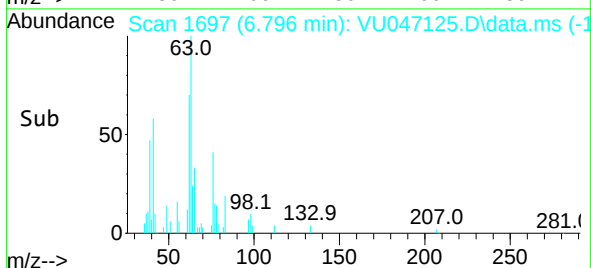
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

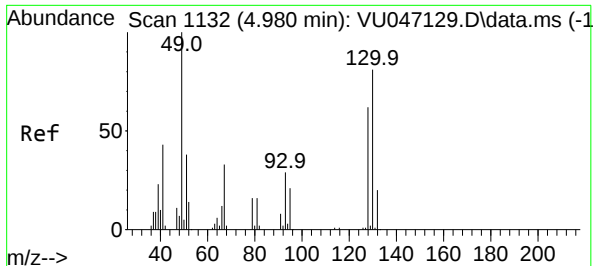


#38
1,2-Dichloropropane
Concen: 0.442 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



Tgt Ion: 63 Resp: 7147
Ion Ratio Lower Upper
63 100
65 32.7 24.7 37.1





#39

Methacrylonitrile

Concen: 0.457 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU047125.D

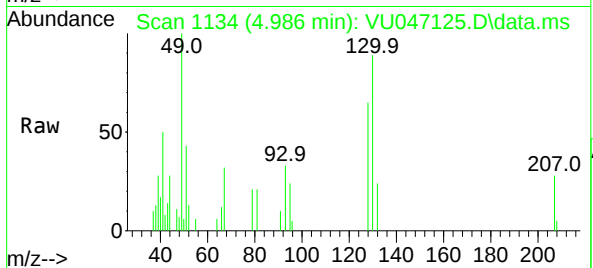
Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion: 41 Resp: 264

Ion Ratio Lower Upper

41 100

67 72.6 65.2 97.8

39 40.8 43.0 64.6

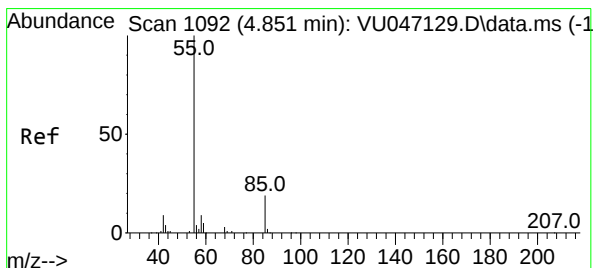
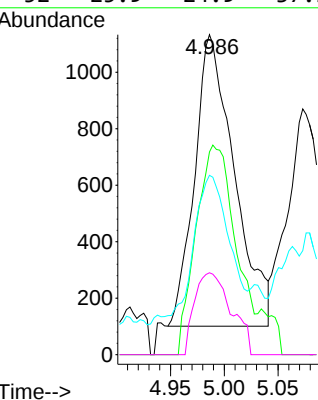
52 25.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#40

Methyl acrylate

Concen: 0.497 ug/l

RT: 4.861 min Scan# 1095

Delta R.T. 0.010 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Tgt Ion: 55 Resp: 4389

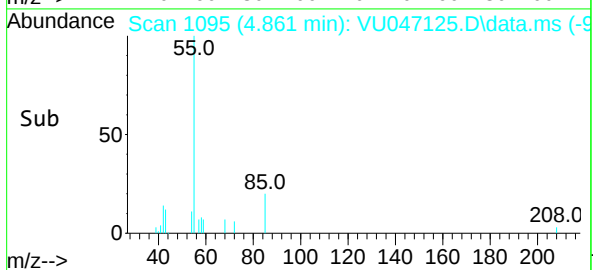
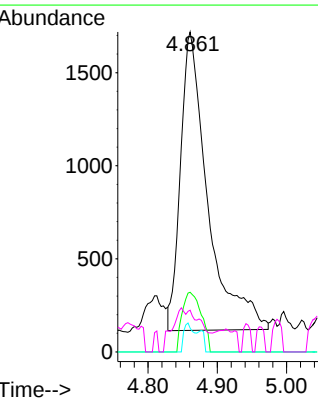
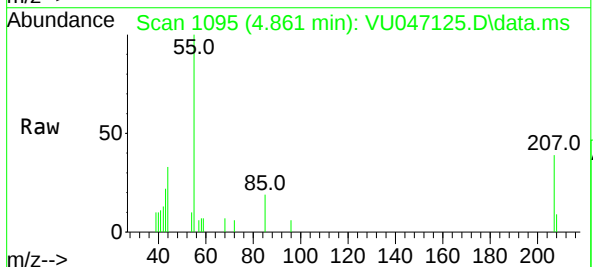
Ion Ratio Lower Upper

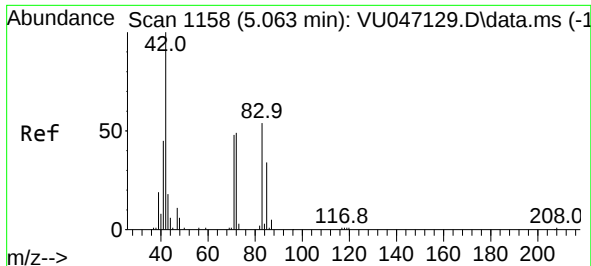
55 100

85 14.1 12.2 18.2

58 3.7 6.7 10.1#

42 7.3 6.9 10.3





#41

Tetrahydrofuran

Concen: 0.988 ug/l

RT: 5.076 min Scan# 1158

Delta R.T. 0.013 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

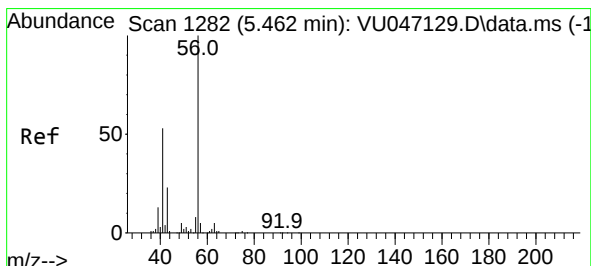
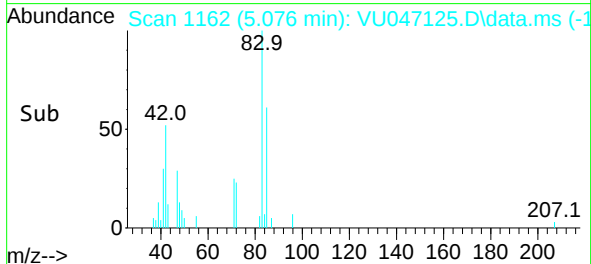
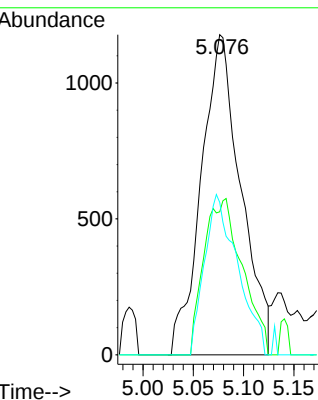
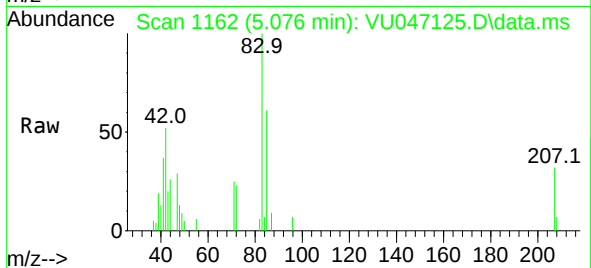
Tgt Ion:	42	Resp:	3228
Ion Ratio	Lower	Upper	
42	100		
72	47.3	42.4	63.6
71	41.8	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#42

1-Chlorobutane

Concen: 0.464 ug/l

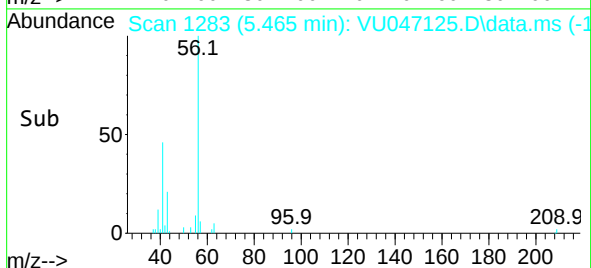
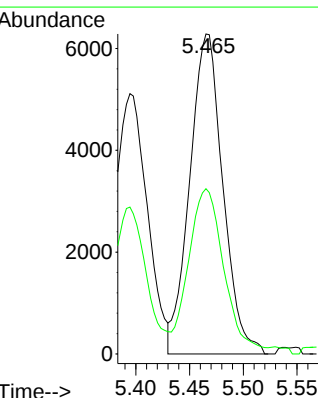
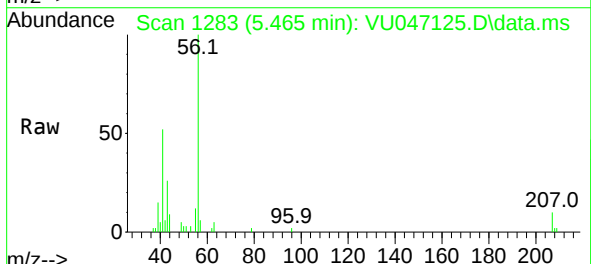
RT: 5.465 min Scan# 1283

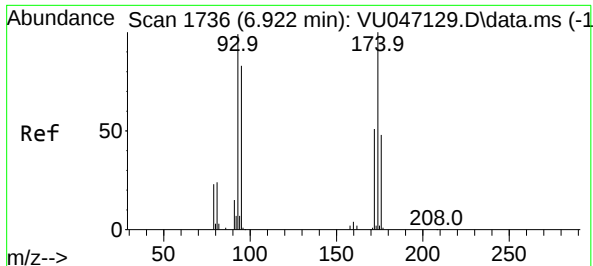
Delta R.T. 0.003 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

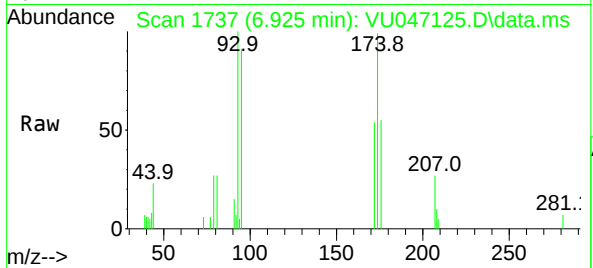
Tgt Ion:	56	Resp:	13460
Ion Ratio	Lower	Upper	
56	100		
41	50.4	26.0	78.0





#43
Dibromomethane
Concen: 0.439 ug/l
RT: 6.925 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

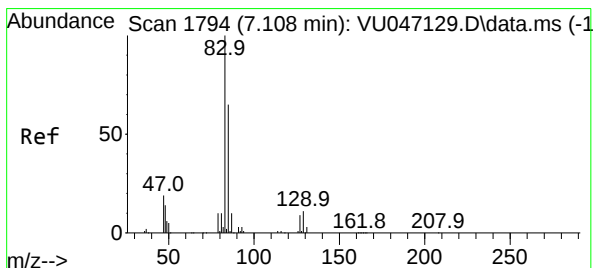
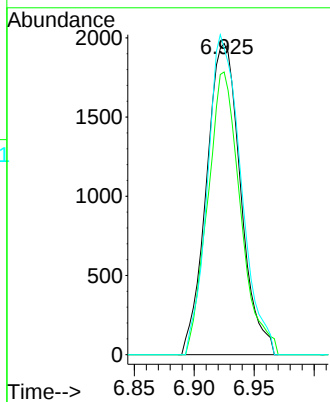
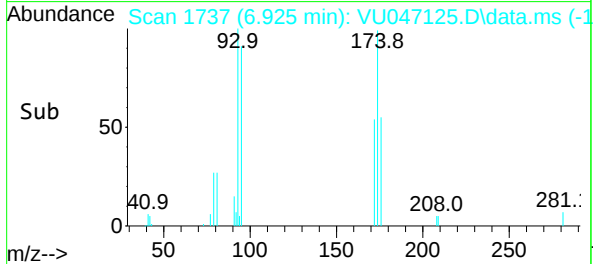
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



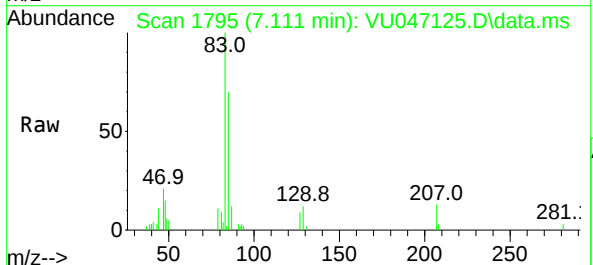
Tgt Ion: 93 Resp: 388
Ion Ratio Lower Upper
93 100
95 87.2 66.2 99.2
174 100.9 70.7 106.1

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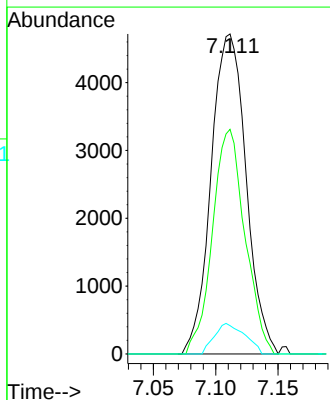
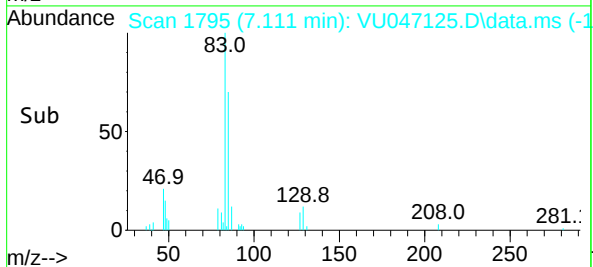
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

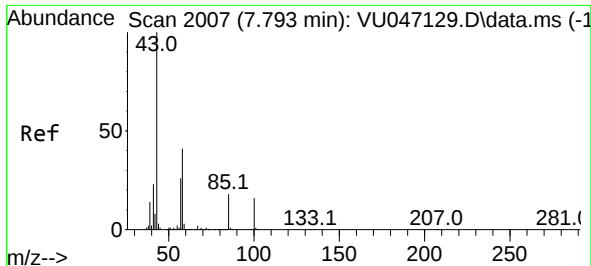


#44
Bromodichloromethane
Concen: 0.439 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



Tgt Ion: 83 Resp: 9221
Ion Ratio Lower Upper
83 100
85 70.2 50.9 76.3
127 8.8 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 2.407 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

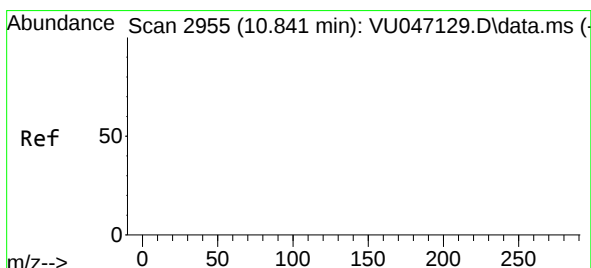
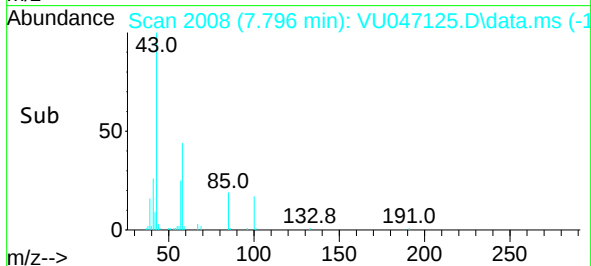
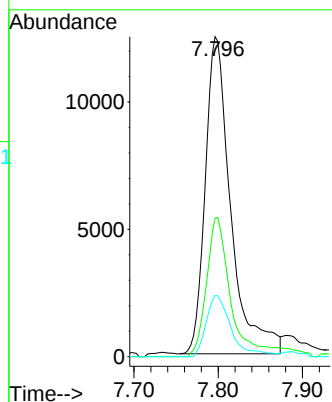
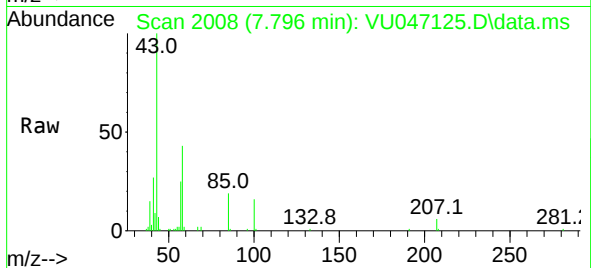
Tgt Ion:	43	Resp:	26234
Ion	Ratio	Lower	Upper
43	100		
58	43.5	21.0	63.0
85	18.9	14.8	22.2

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: 1.063 ug/l m

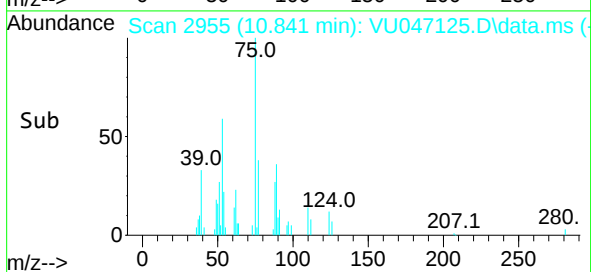
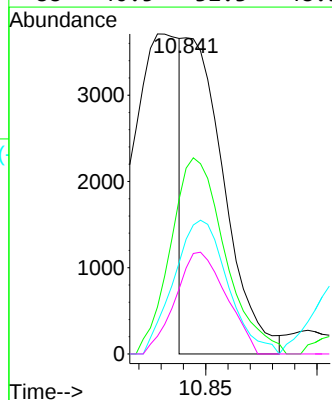
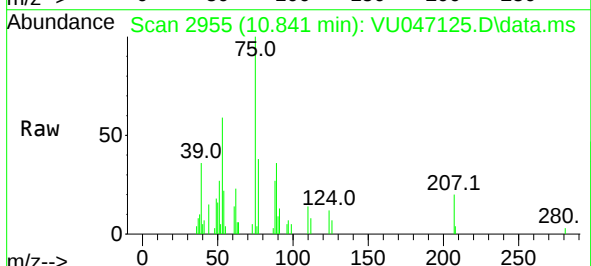
RT: 10.841 min Scan# 2955

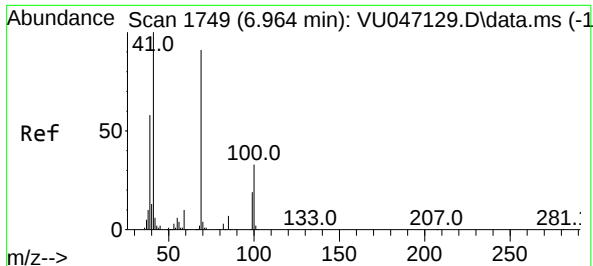
Delta R.T. -0.000 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Tgt Ion:	75	Resp:	4612
Ion	Ratio	Lower	Upper
75	100		
53	83.9	66.8	100.2
89	56.4	41.7	62.5
88	40.5	32.3	48.5





#47

Methyl methacrylate

Concen: 1.128 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 8820

Ion Ratio Lower Upper

69 100

41 102.7 0.0 230.0

39 58.7 55.1 82.7

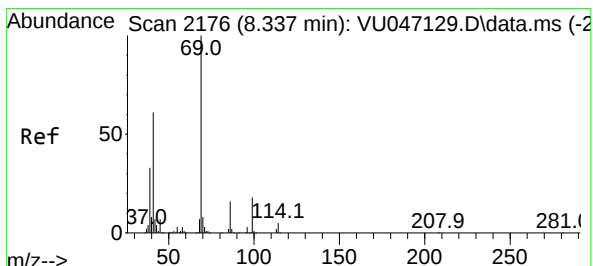
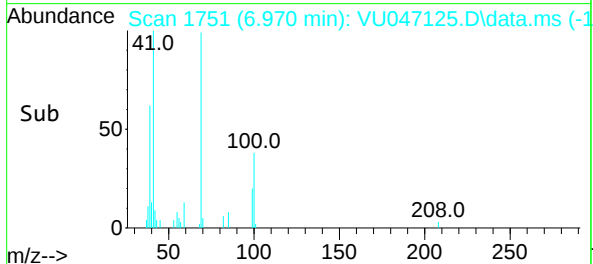
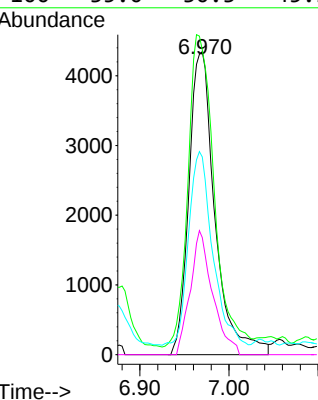
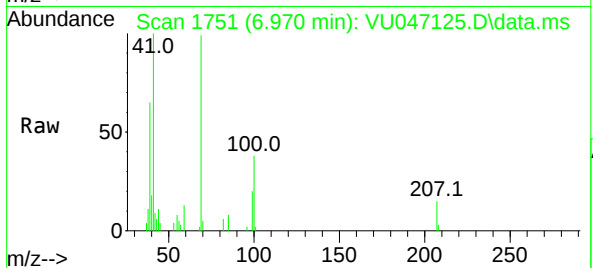
100 35.0 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#48

Ethyl methacrylate

Concen: 0.563 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. -0.000 min

Lab File: VU047125.D

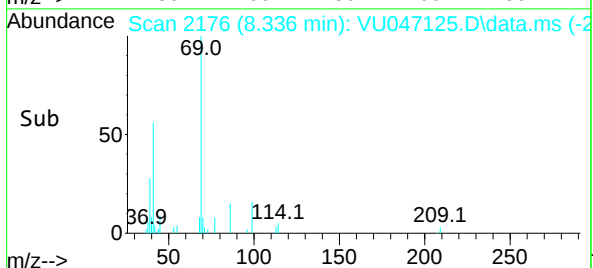
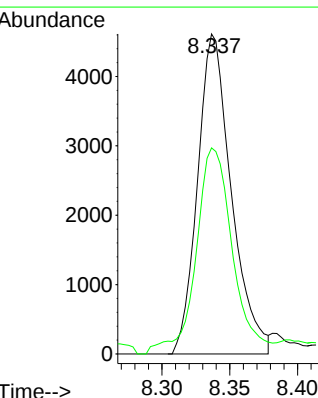
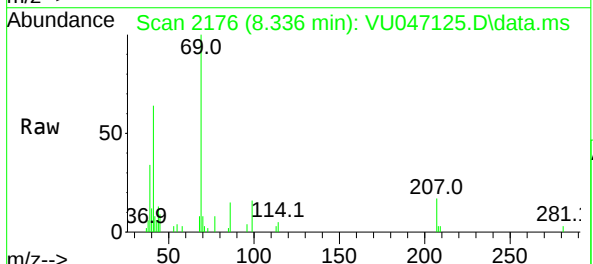
Acq: 14 Feb 2022 10:11

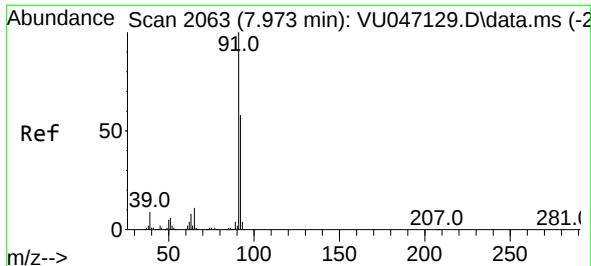
Tgt Ion: 69 Resp: 7994

Ion Ratio Lower Upper

69 100

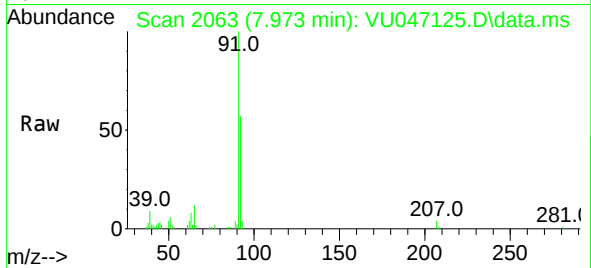
41 69.4 32.6 98.0





#49
Toluene
Concen: 0.469 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

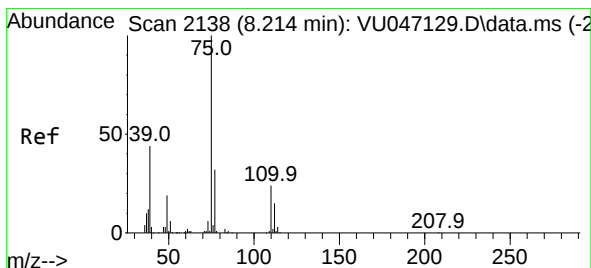
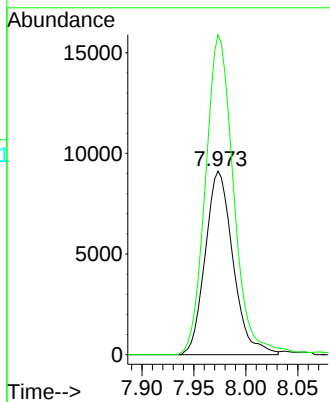
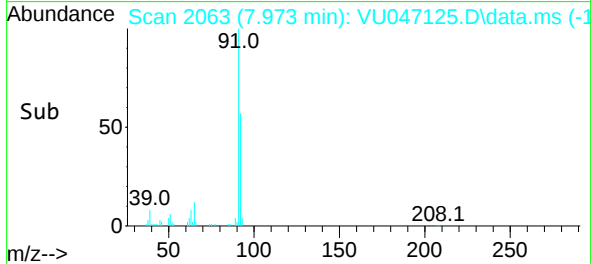
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 92 Resp: 1697
Ion Ratio Lower Upper
92 100
91 176.8 136.8 205.2

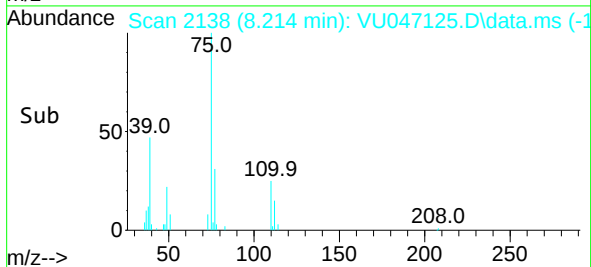
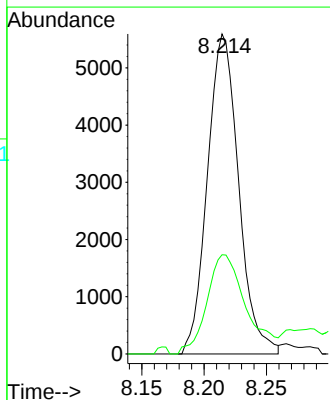
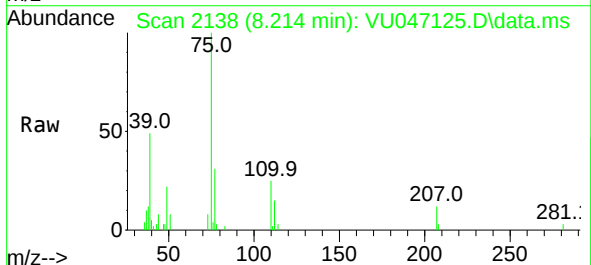
Manual Integrations
APPROVED

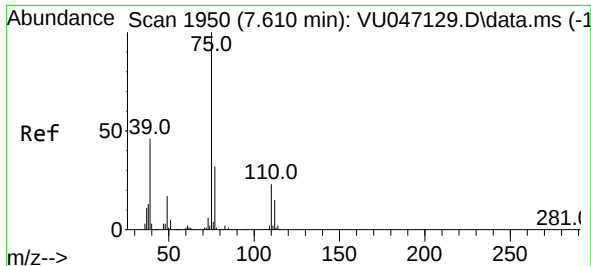
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#50
t-1,3-Dichloropropene
Concen: 0.531 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

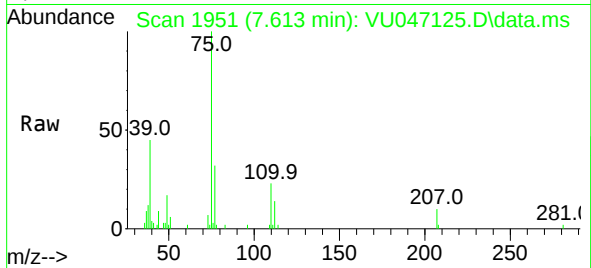
Tgt Ion: 75 Resp: 9754
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 0.513 ug/l
RT: 7.613 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

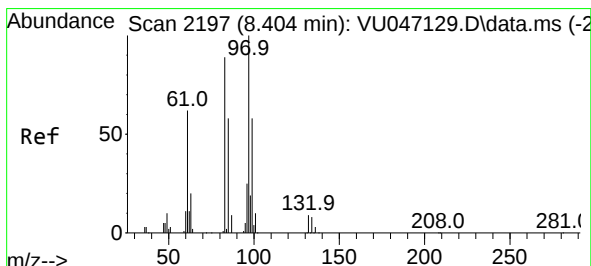
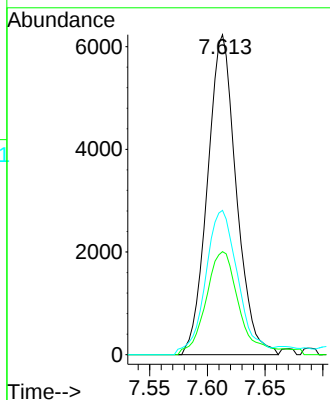
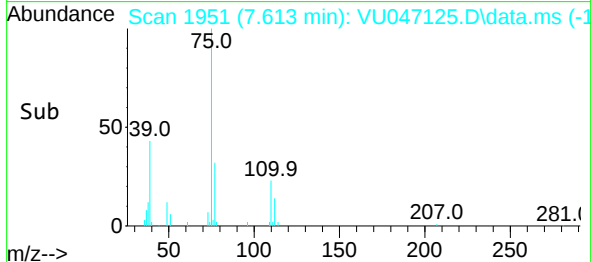
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 1081
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 43.4 38.6 57.8

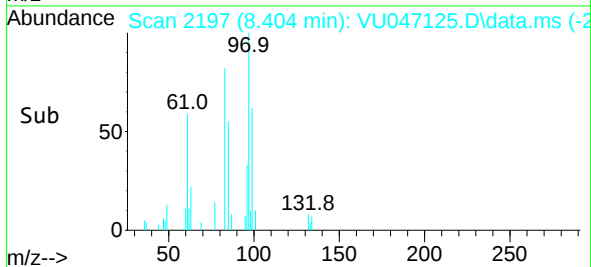
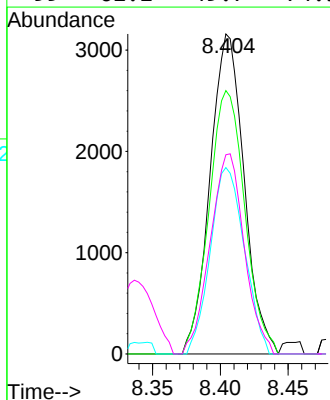
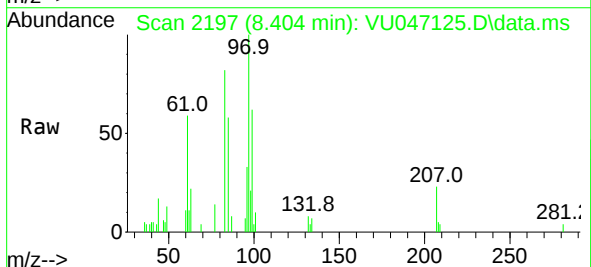
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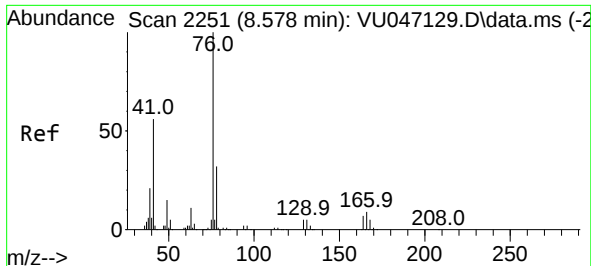
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#52
1,1,2-Trichloroethane
Concen: 0.436 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Tgt Ion: 97 Resp: 5510
Ion Ratio Lower Upper
97 100
83 82.3 69.8 104.8
85 58.2 44.2 66.4
99 62.2 49.7 74.5





#53

1,3-Dichloropropane

Concen: 0.457 ug/l

RT: 8.581 min Scan# 2252

Delta R.T. 0.003 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 76 Resp: 9910

Ion Ratio Lower Upper

76 100

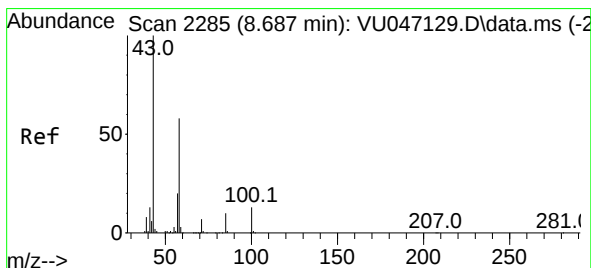
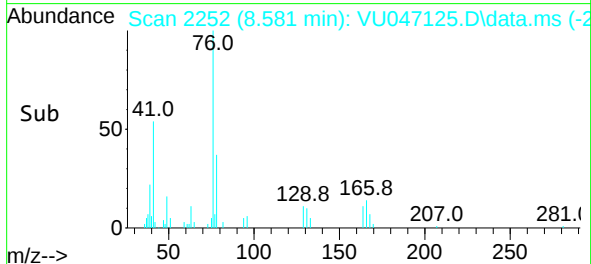
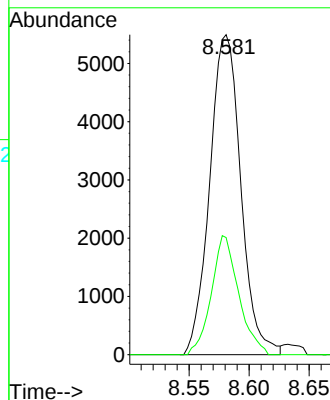
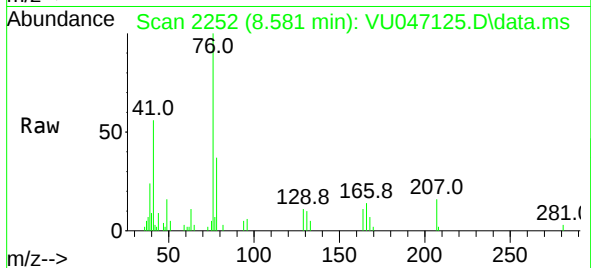
78 32.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#54

2-Hexanone

Concen: 2.587 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

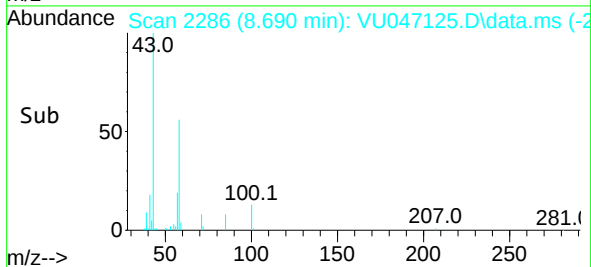
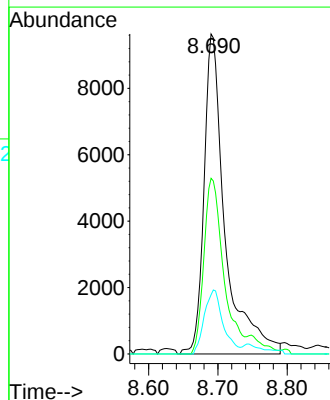
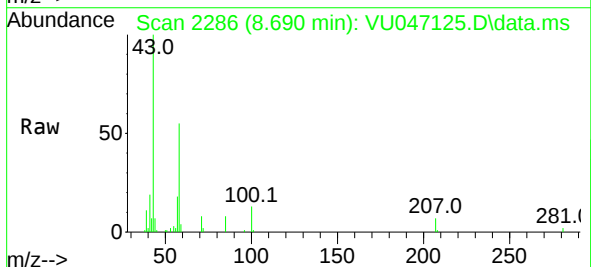
Tgt Ion: 43 Resp: 20335

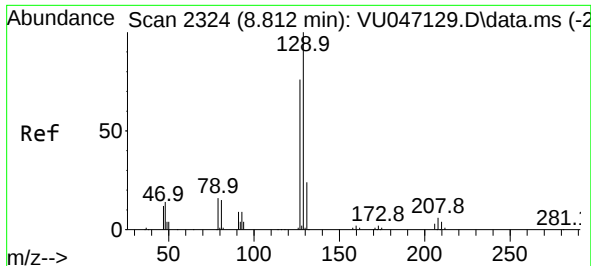
Ion Ratio Lower Upper

43 100

58 51.0 37.7 77.7

57 17.9 0.5 40.5





#55

Dibromochloromethane

Concen: 0.444 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:129 Resp: 6372

Ion Ratio Lower Upper

129 100

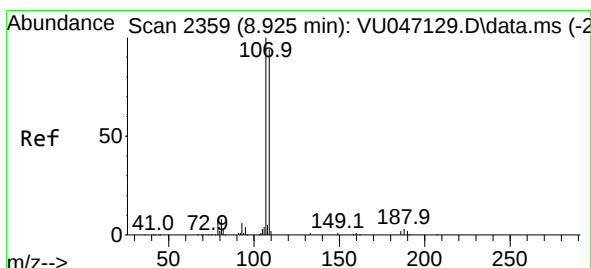
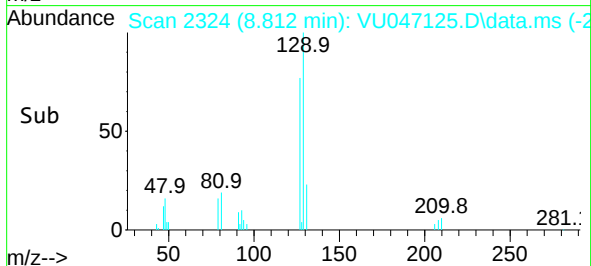
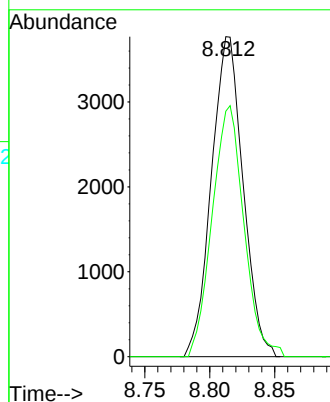
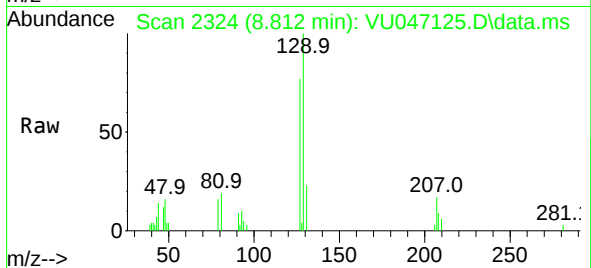
127 78.7 62.2 93.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#56

1,2-Dibromoethane

Concen: 0.475 ug/l

RT: 8.928 min Scan# 2360

Delta R.T. 0.003 min

Lab File: VU047125.D

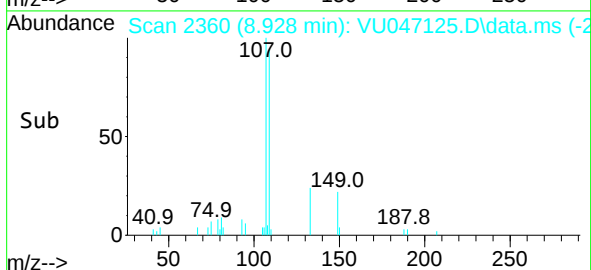
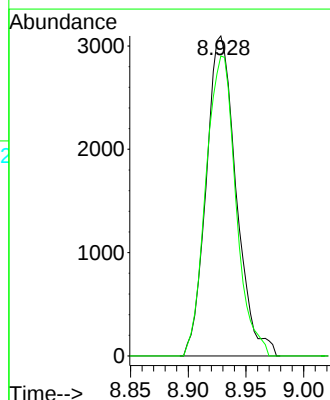
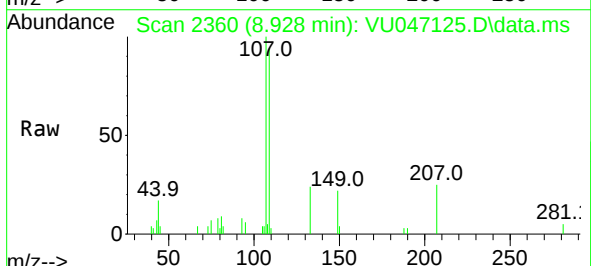
Acq: 14 Feb 2022 10:11

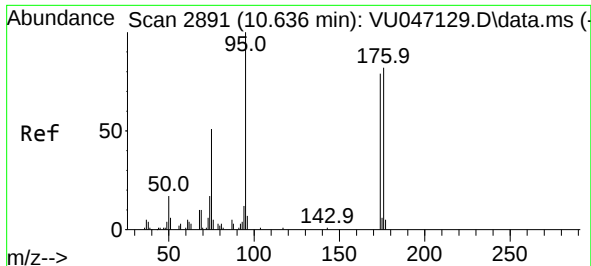
Tgt Ion:107 Resp: 5585

Ion Ratio Lower Upper

107 100

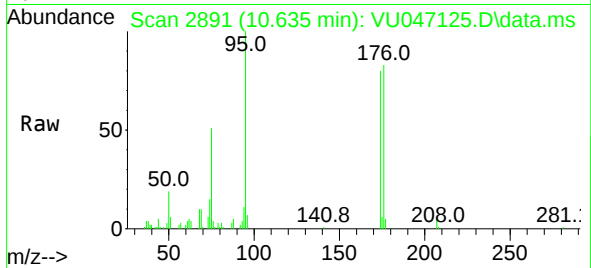
109 93.8 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.104 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

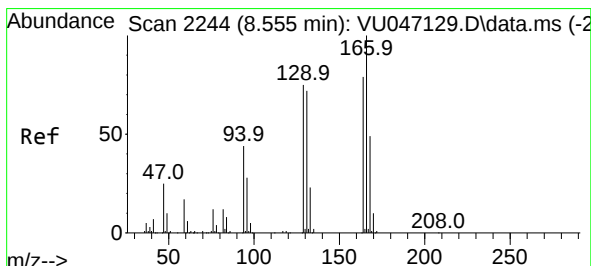
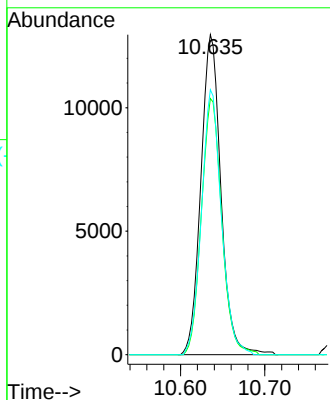
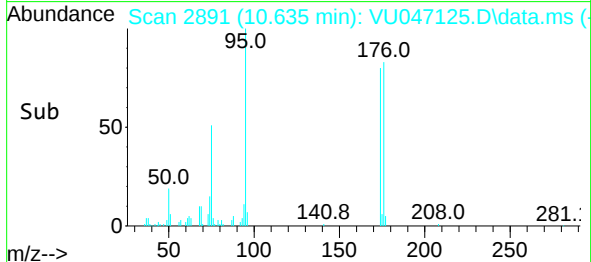
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 95 Resp: 21492
Ion Ratio Lower Upper
95 100
174 80.9 56.6 84.8
176 82.3 54.3 81.5

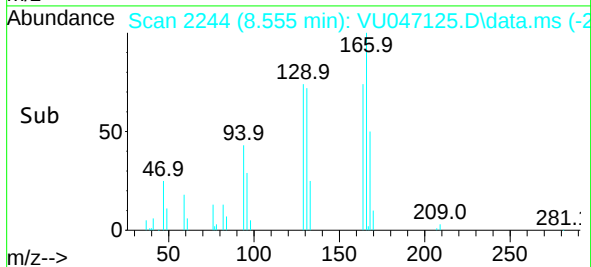
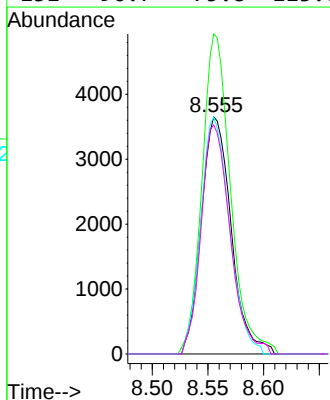
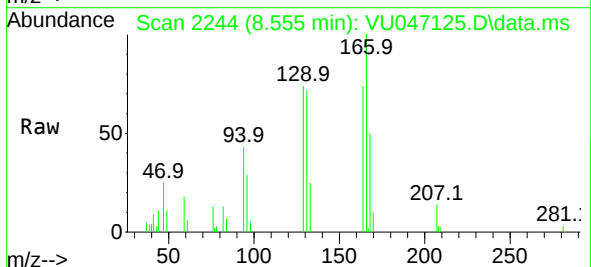
Manual Integrations
APPROVED

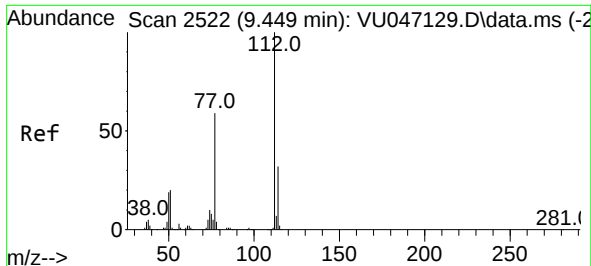
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#58
Tetrachloroethene
Concen: 0.479 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Tgt Ion:164 Resp: 6823
Ion Ratio Lower Upper
164 100
166 135.0 102.0 153.0
129 99.9 77.1 115.7
131 96.7 75.8 113.6





#59

Chlorobenzene

Concen: 0.498 ug/l

RT: 9.452 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:112 Resp: 1933

Ion Ratio Lower Upper

112 100

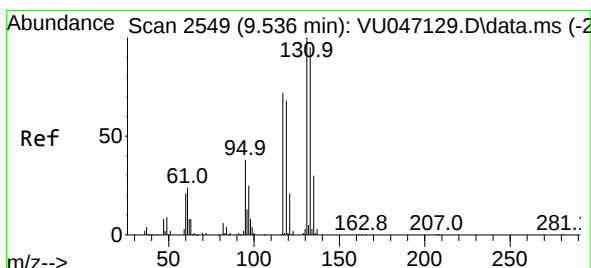
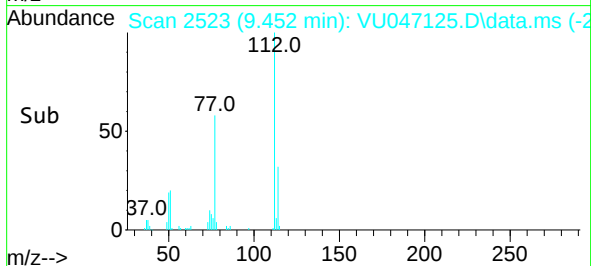
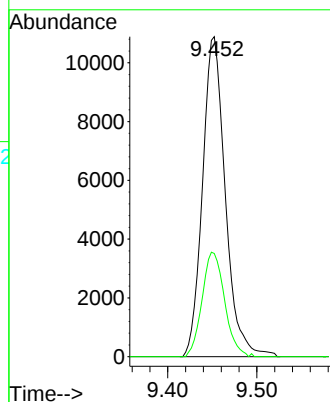
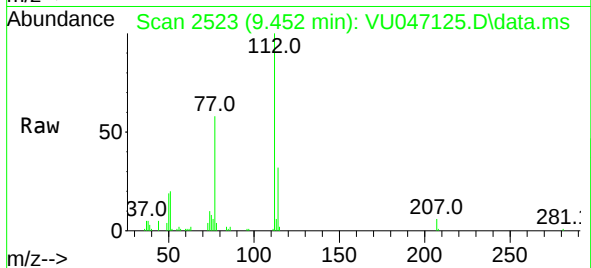
114 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 0.455 ug/l

RT: 9.539 min Scan# 2550

Delta R.T. 0.003 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

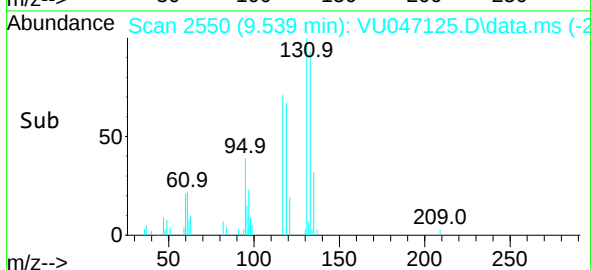
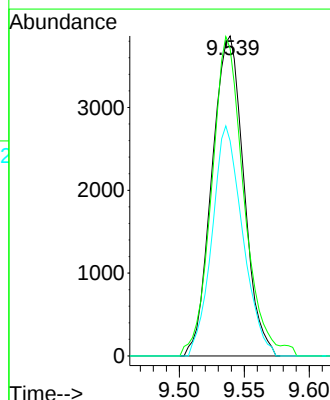
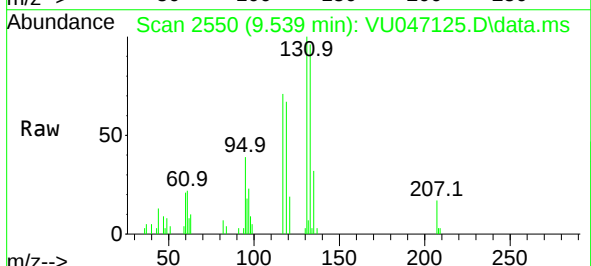
Tgt Ion:131 Resp: 6593

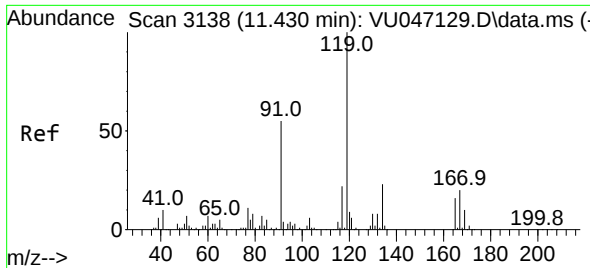
Ion Ratio Lower Upper

131 100

133 100.5 76.0 114.0

119 68.9 54.9 82.3





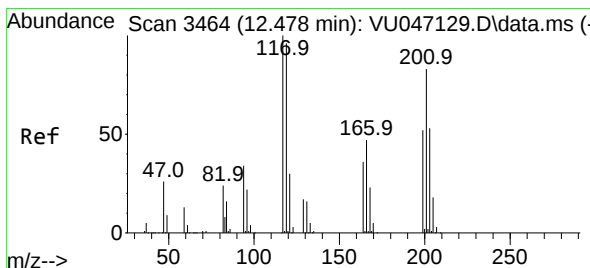
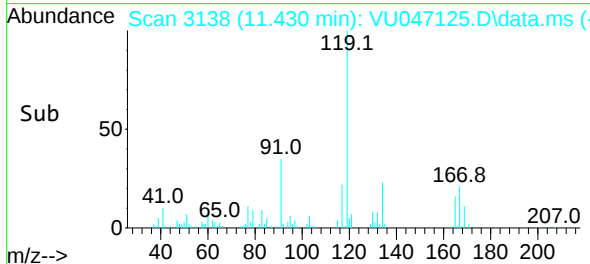
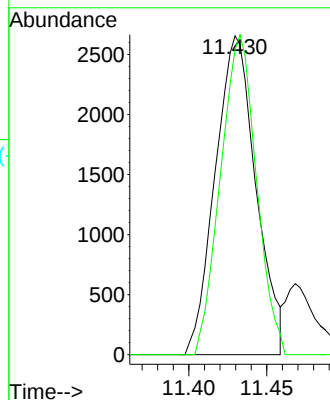
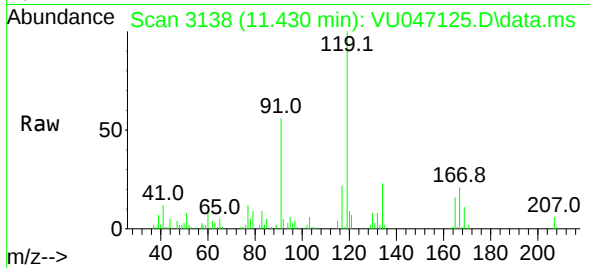
#61
Pentachloroethane
Concen: 0.403 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 4828
Ion Ratio Lower Upper
117 100
167 88.1 59.7 89.5

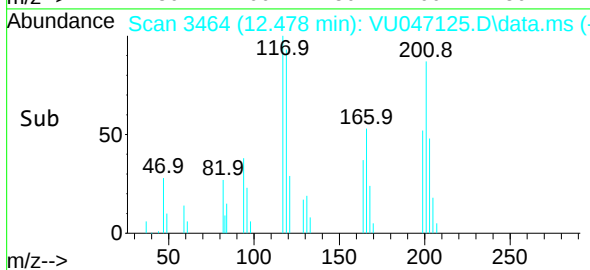
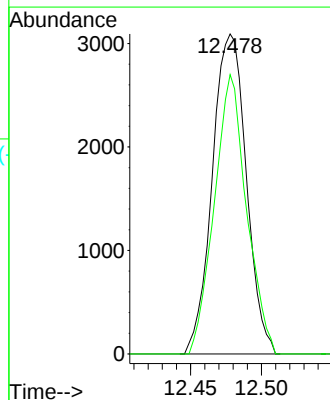
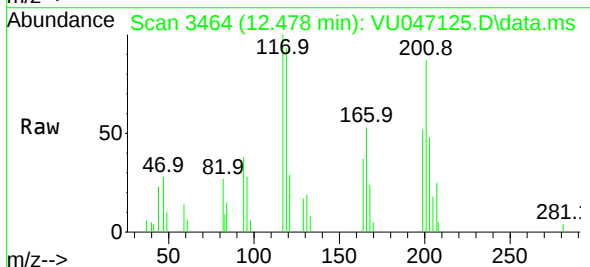
Manual Integrations
APPROVED

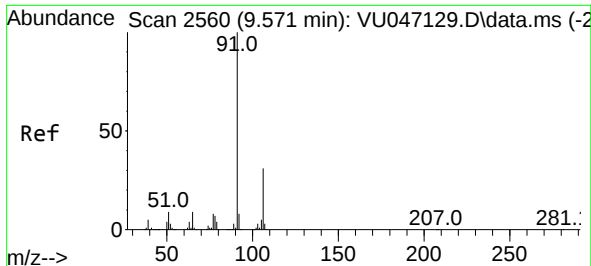
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#62
Hexachloroethane
Concen: 0.445 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Tgt Ion:117 Resp: 5160
Ion Ratio Lower Upper
117 100
201 82.7 53.6 80.4#





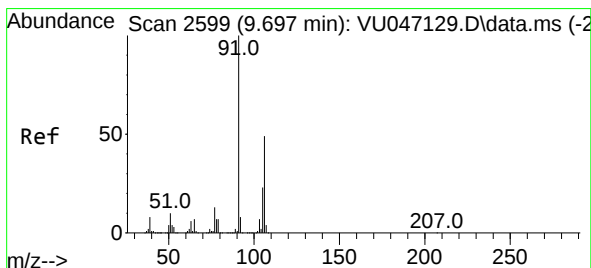
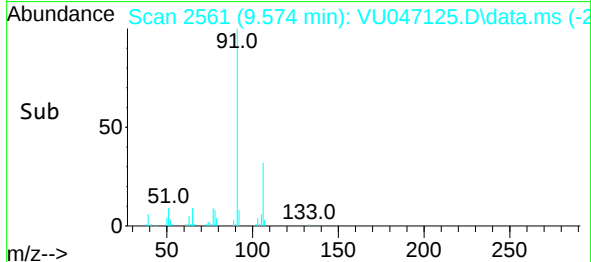
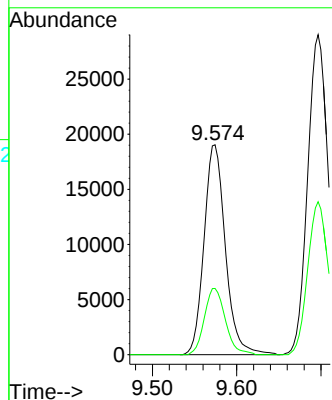
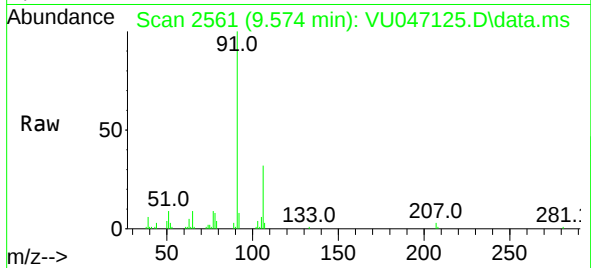
#63
Ethyl Benzene
Concen: 0.524 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 33654
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

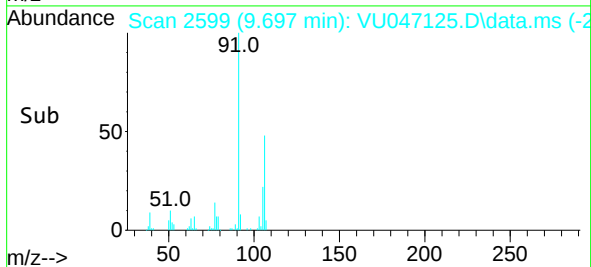
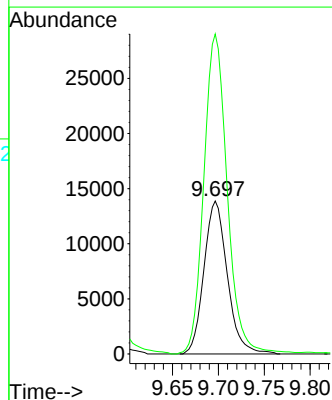
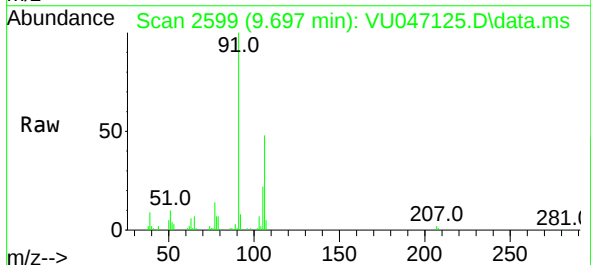
Manual Integrations
APPROVED

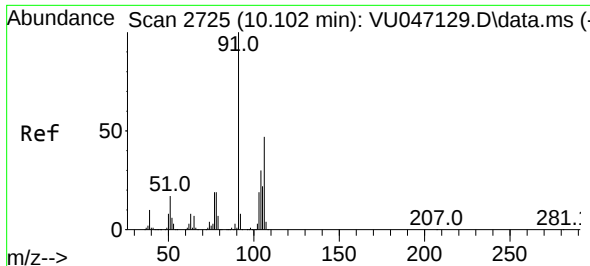
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#64
m/p-Xylenes
Concen: 0.978 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

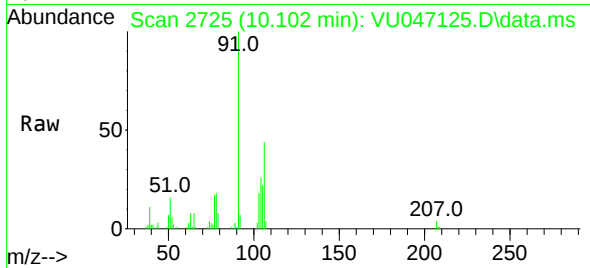
Tgt Ion:106 Resp: 24600
Ion Ratio Lower Upper
106 100
91 209.4 165.5 248.3





#65
o-Xylene
Concen: 0.499 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

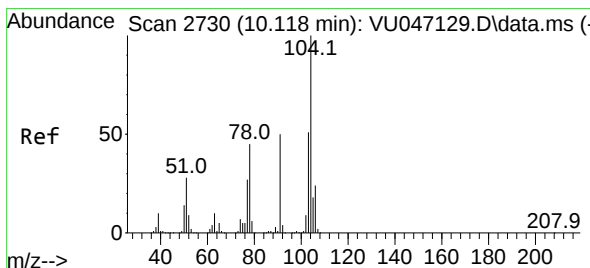
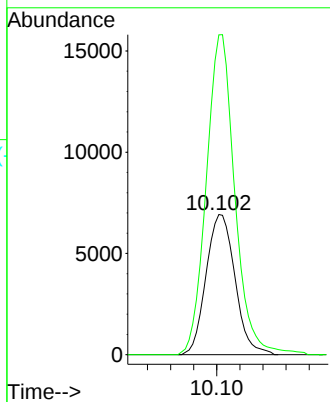
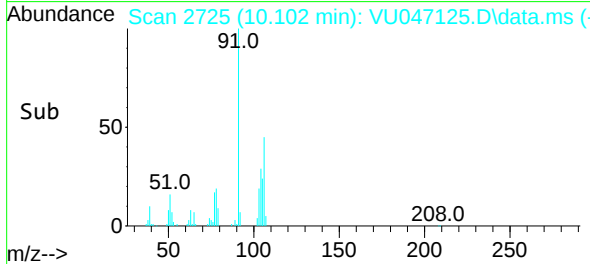
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:106 Resp: 12038
Ion Ratio Lower Upper
106 100
91 225.3 109.4 328.2

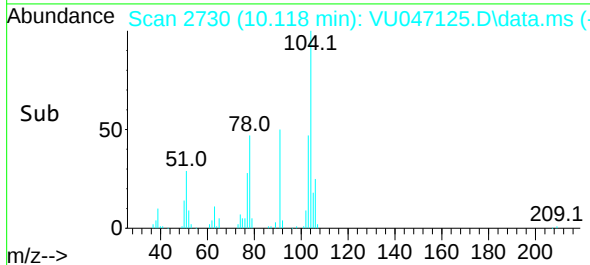
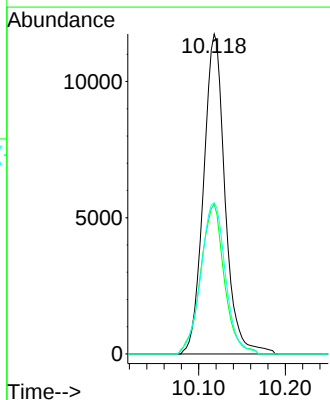
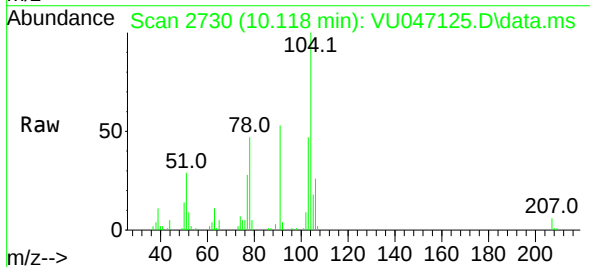
Manual Integrations
APPROVED

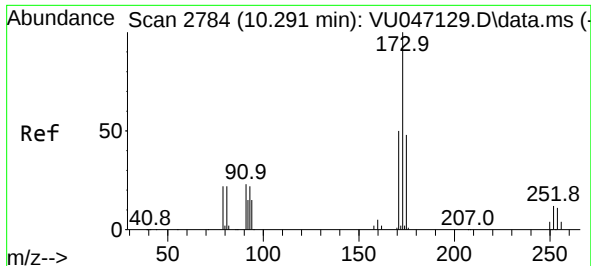
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#66
Styrene
Concen: 0.498 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

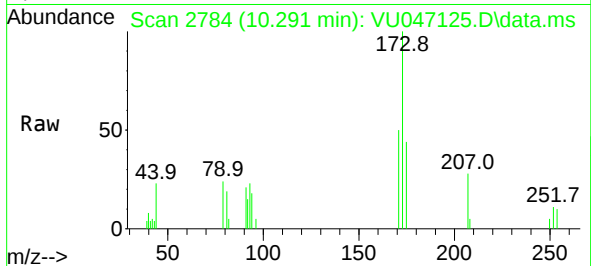
Tgt Ion:104 Resp: 20268
Ion Ratio Lower Upper
104 100
78 51.3 42.4 63.6
103 54.1 44.2 66.4





#67
Bromoform
Concen: 0.472 ug/l
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

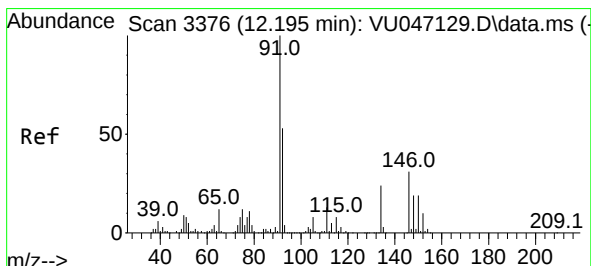
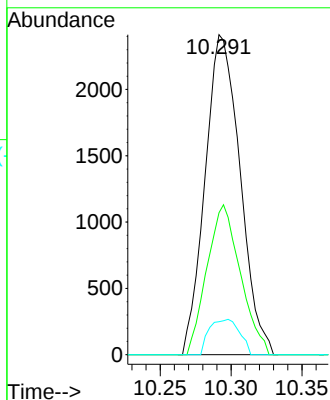
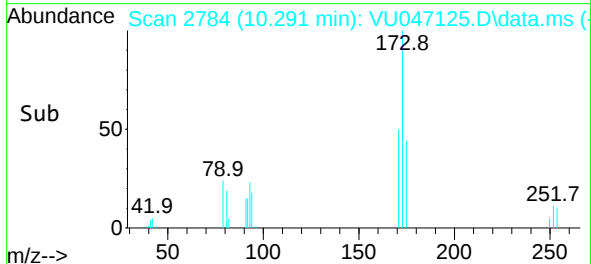
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



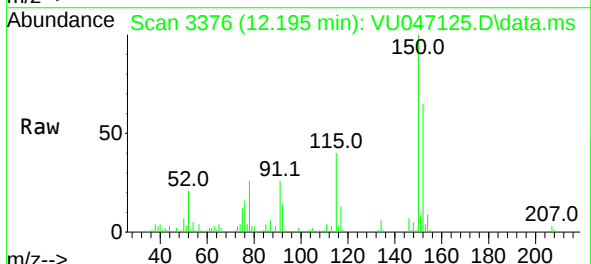
Tgt Ion:173 Resp: 414
Ion Ratio Lower Upper
173 100
175 44.9 39.0 58.4
254 9.6 5.5 8.3

Manual Integrations
APPROVED

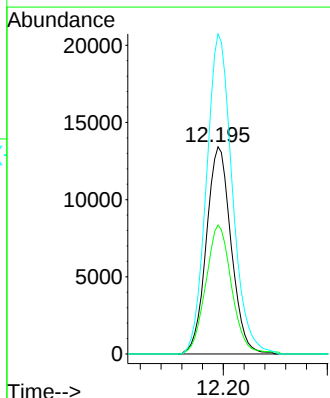
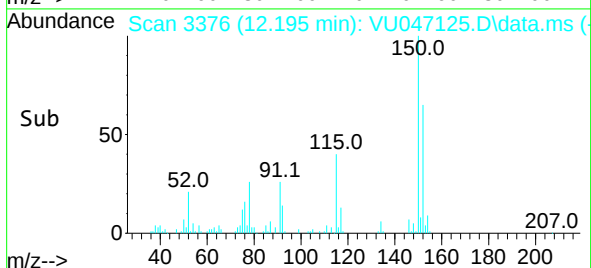
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

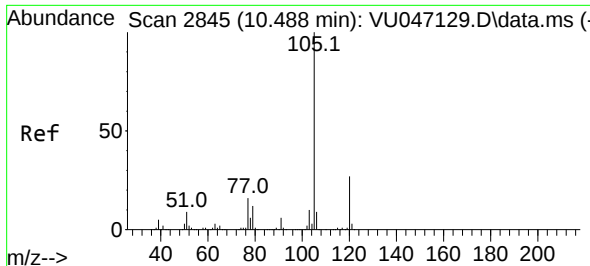


#68
1,2-Dichlorobenzene-d4
Concen: 0.998 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



Tgt Ion:152 Resp: 22228
Ion Ratio Lower Upper
152 100
115 65.1 0.0 251.0
150 160.9 0.0 613.8





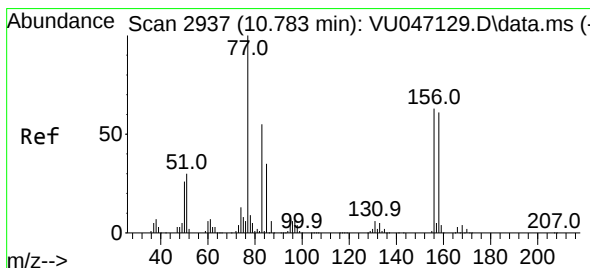
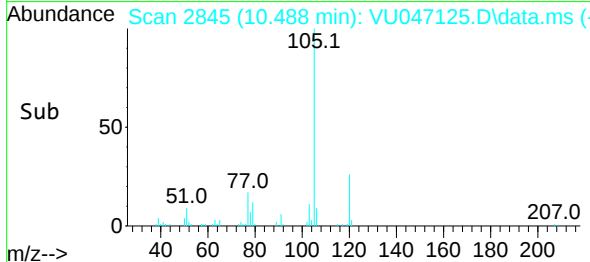
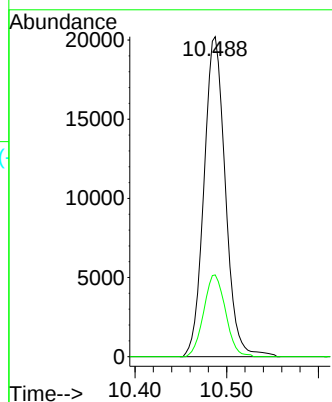
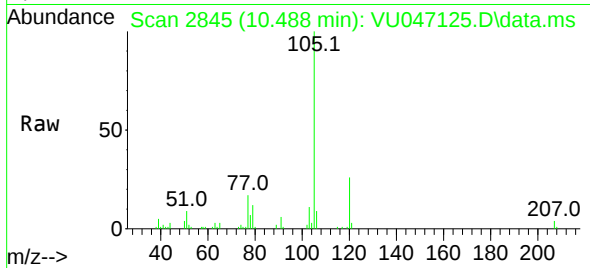
#69
Isopropylbenzene
Concen: 0.522 ug/l
RT: 10.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 3278
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

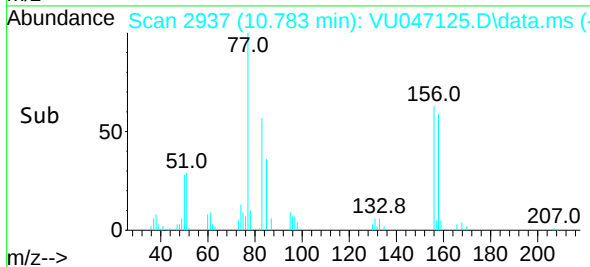
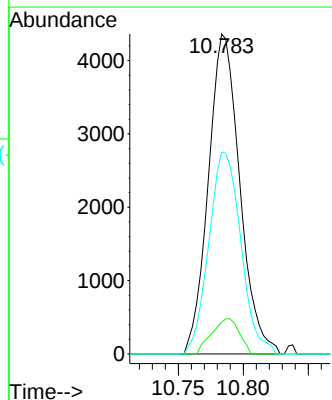
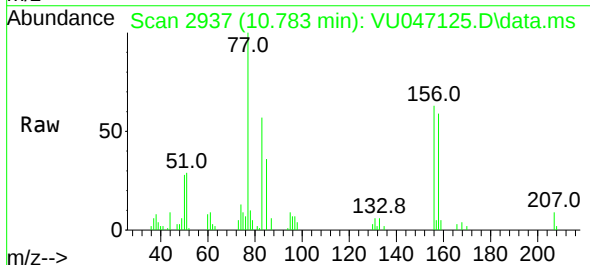
Manual Integrations
APPROVED

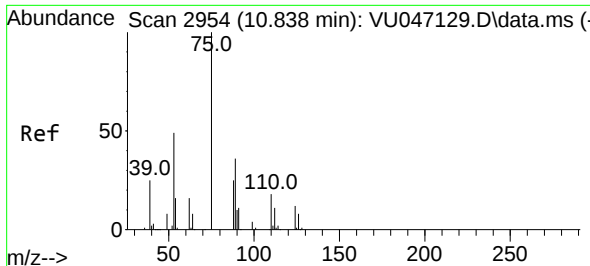
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.437 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

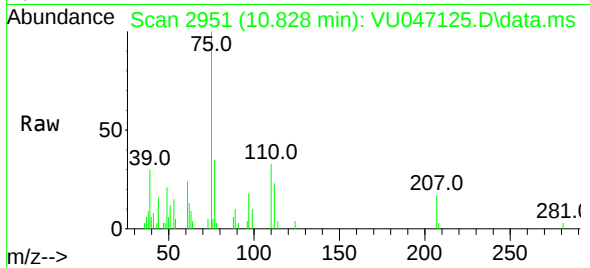
Tgt Ion: 83 Resp: 7333
Ion Ratio Lower Upper
83 100
131 9.6 7.6 11.4
85 64.3 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 0.474 ug/l m
RT: 10.828 min Scan# 2954
Delta R.T. -0.010 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

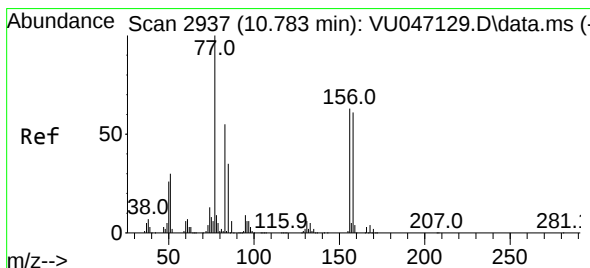
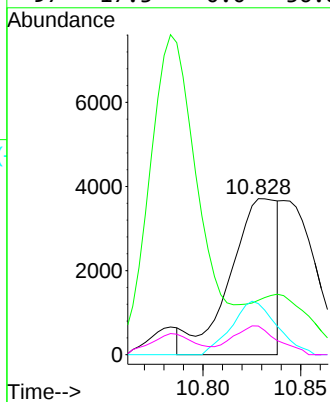
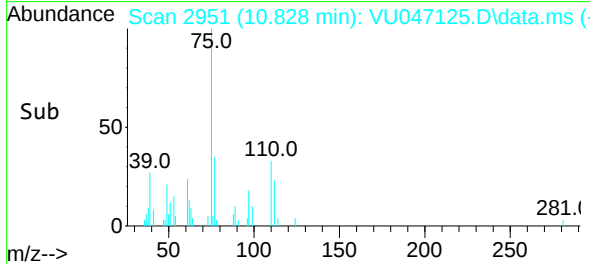
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 75 Resp: 624
Ion Ratio Lower Upper
75 100
77 0.0 0.0 105.6
110 32.8 0.0 71.2
97 17.3 0.0 36.8

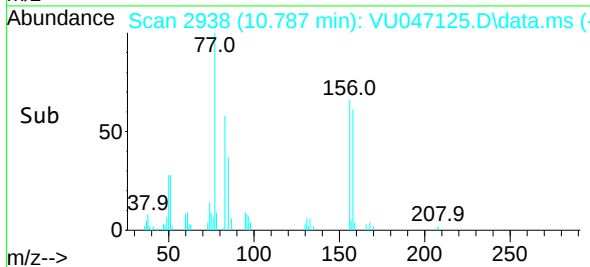
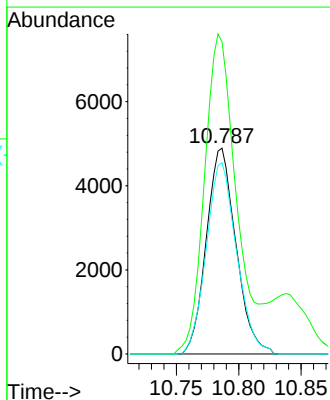
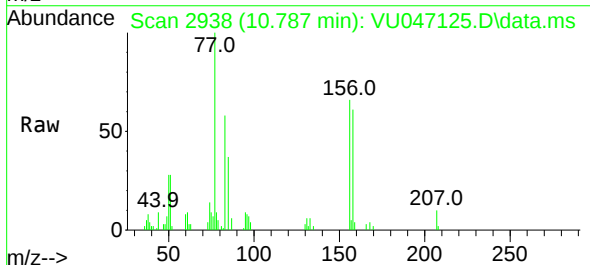
Manual Integrations
APPROVED

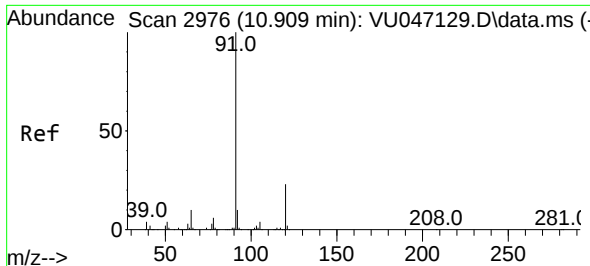
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#72
Bromobenzene
Concen: 0.471 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Tgt Ion:156 Resp: 8094
Ion Ratio Lower Upper
156 100
77 166.6 0.0 370.6
158 95.4 0.0 193.4





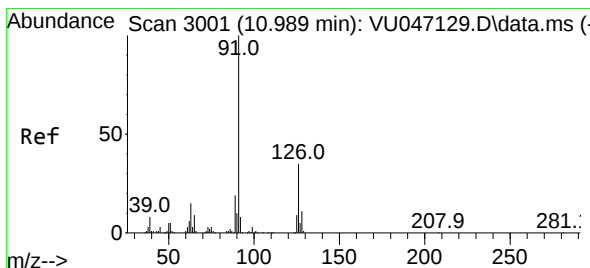
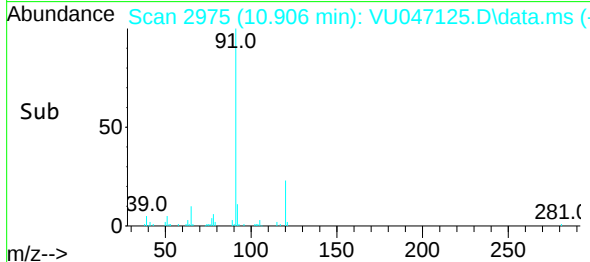
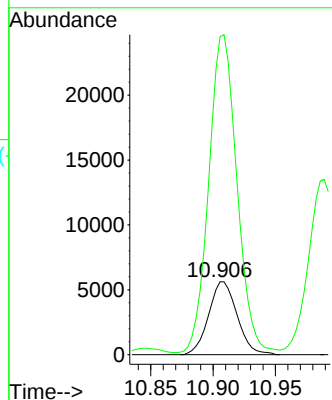
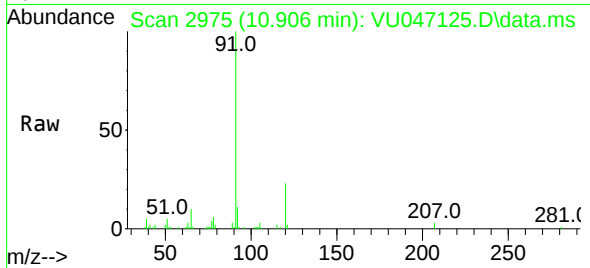
#73
n-propylbenzene
Concen: 0.512 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:120 Resp: 894
Ion Ratio Lower Upper
120 100
91 435.1 370.7 556.1

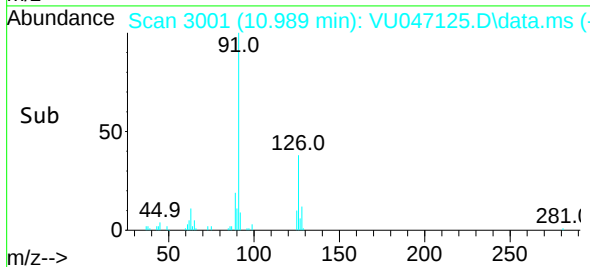
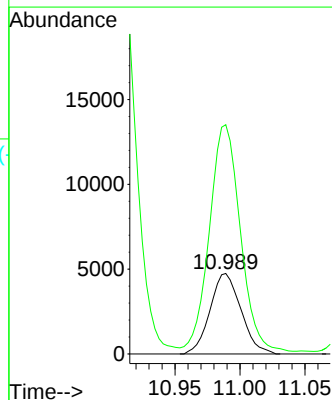
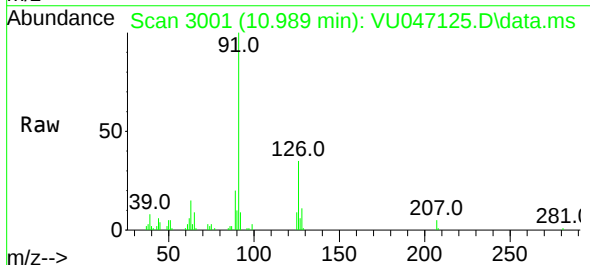
Manual Integrations
APPROVED

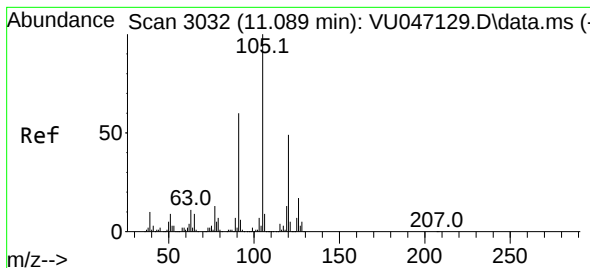
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#74
2-Chlorotoluene
Concen: 0.493 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

Tgt Ion:126 Resp: 7848
Ion Ratio Lower Upper
126 100
91 282.2 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 0.493 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047125.D

Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:105 Resp: 2693

Ion Ratio Lower Upper

105 100

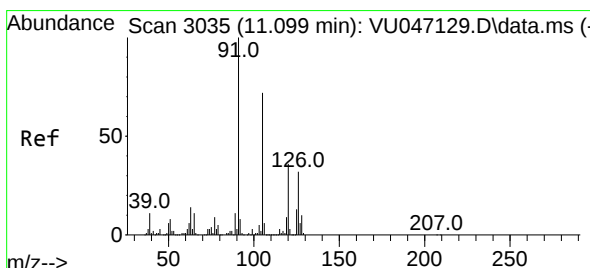
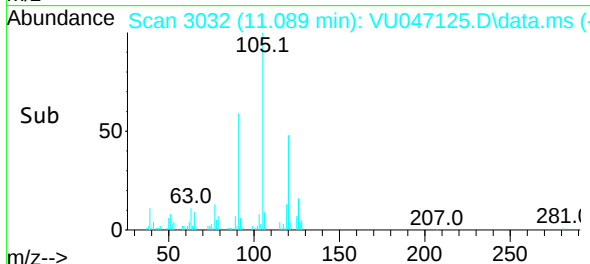
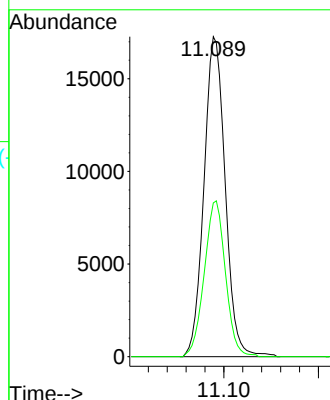
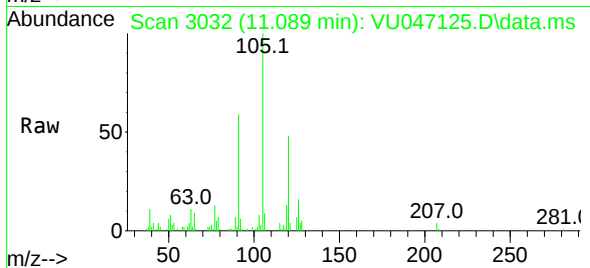
120 48.6 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#76

4-Chlorotoluene

Concen: 0.493 ug/l

RT: 11.102 min Scan# 3036

Delta R.T. 0.003 min

Lab File: VU047125.D

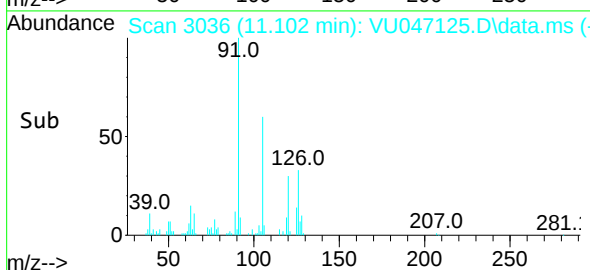
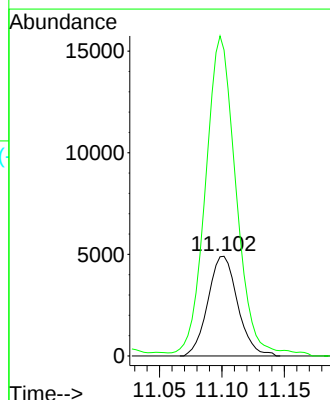
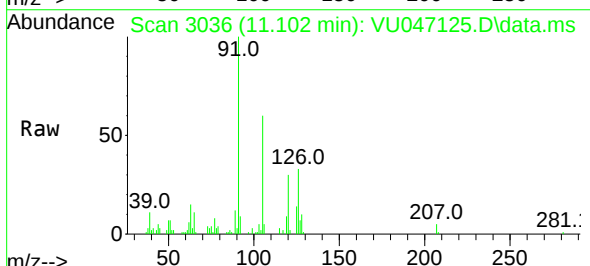
Acq: 14 Feb 2022 10:11

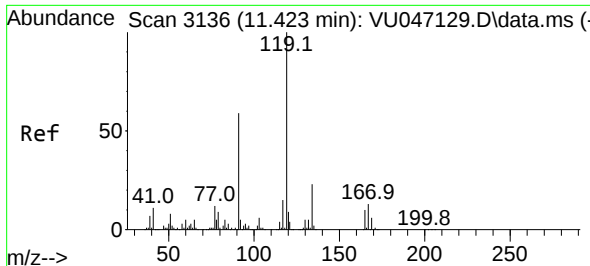
Tgt Ion:126 Resp: 8144

Ion Ratio Lower Upper

126 100

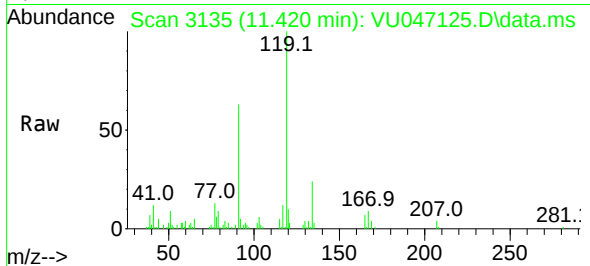
91 331.2 0.0 728.0





#77
tert-Butylbenzene
Concen: 0.510 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

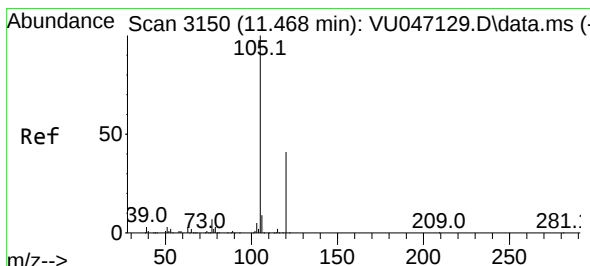
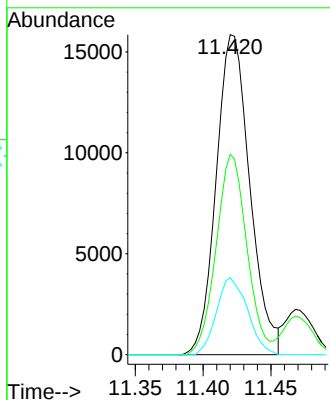
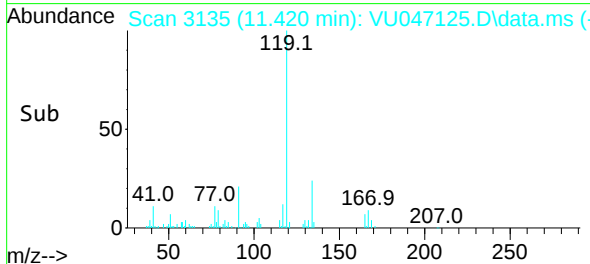
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:119 Resp: 27400
Ion Ratio Lower Upper
119 100
91 56.8 31.4 94.3
134 22.1 18.5 27.7

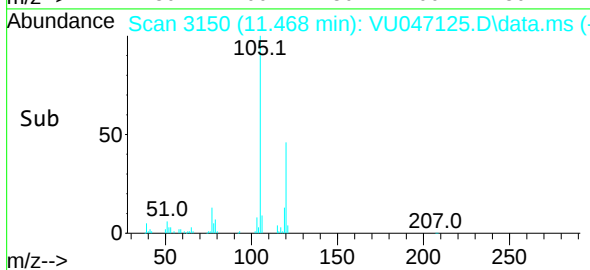
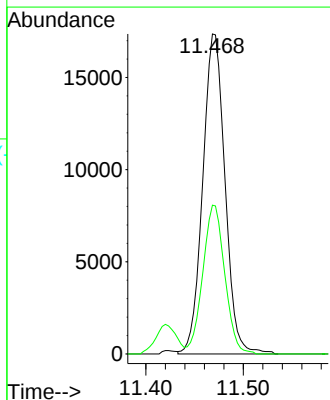
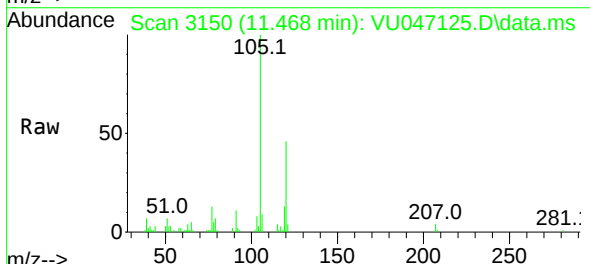
Manual Integrations
APPROVED

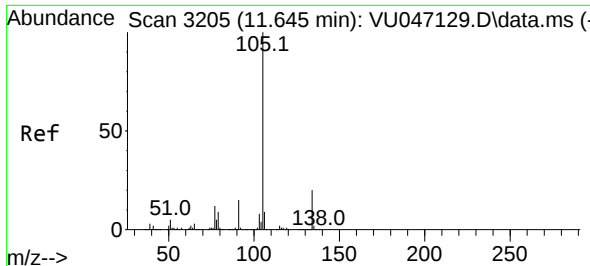
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#78
1,2,4-Trimethylbenzene
Concen: 0.495 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

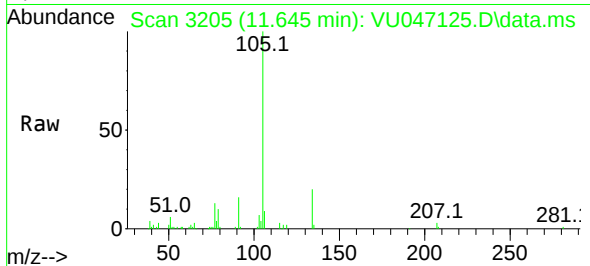
Tgt Ion:105 Resp: 27548
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 0.489 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047125.D
 Acq: 14 Feb 2022 10:11

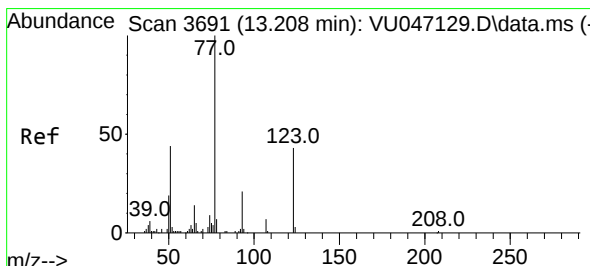
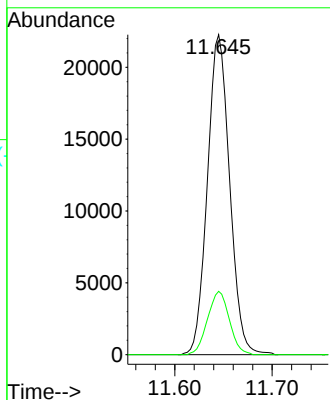
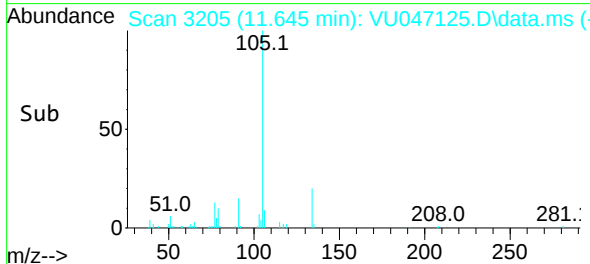
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



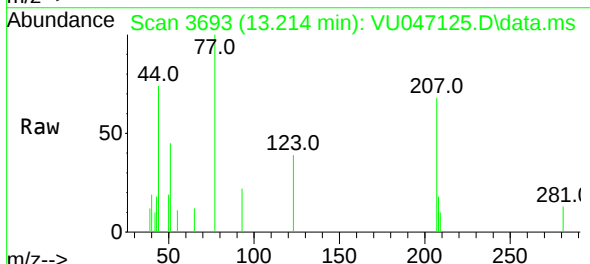
Tgt Ion:105 Resp: 35328
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.4 23.0

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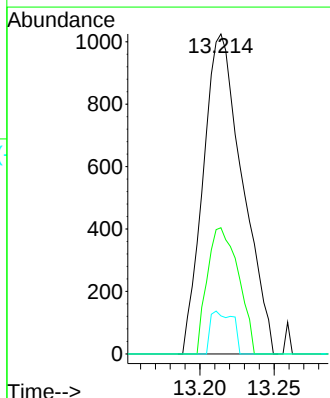
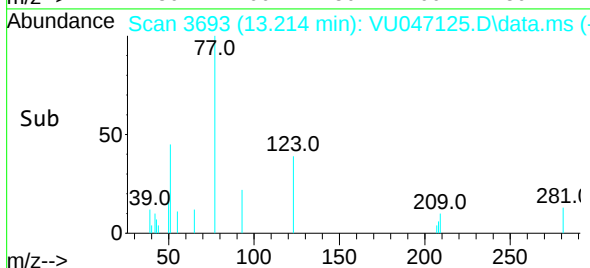
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

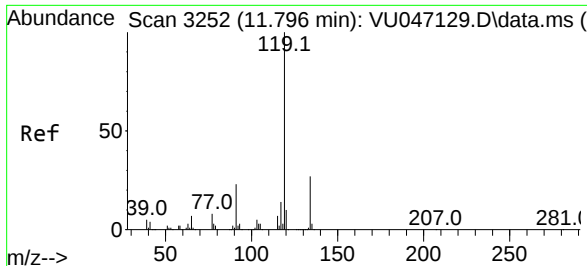


#80
 Nitrobenzene
 Concen: 2.635 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU047125.D
 Acq: 14 Feb 2022 10:11



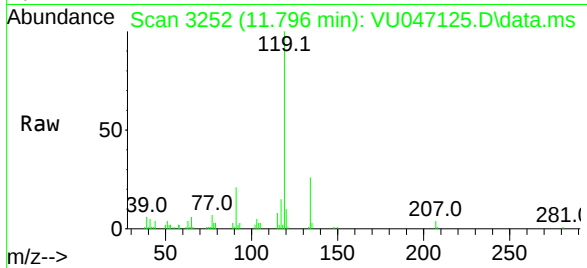
Tgt Ion: 77 Resp: 1886
 Ion Ratio Lower Upper
 77 100
 123 31.1 18.2 64.4
 65 7.6 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 0.504 ug/l
RT: 11.796 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

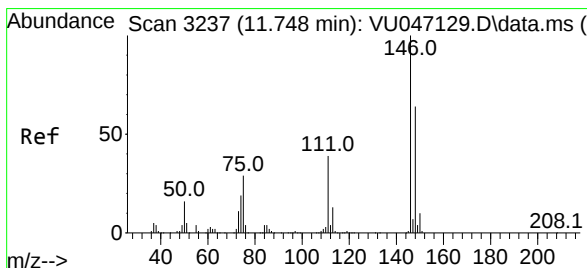
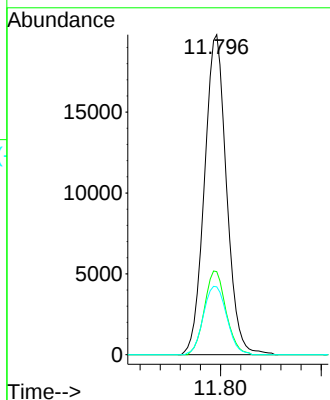
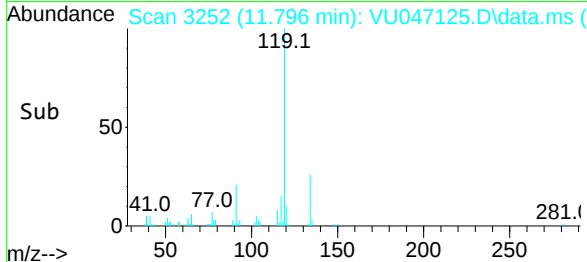
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



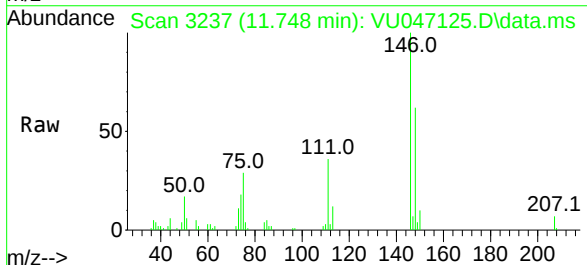
Tgt Ion:119 Resp: 3014
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 22.6 19.9 29.9

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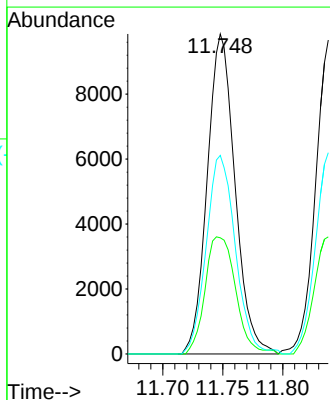
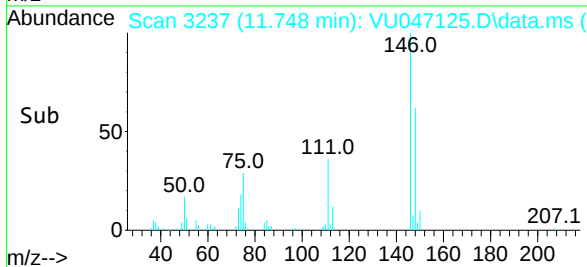
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

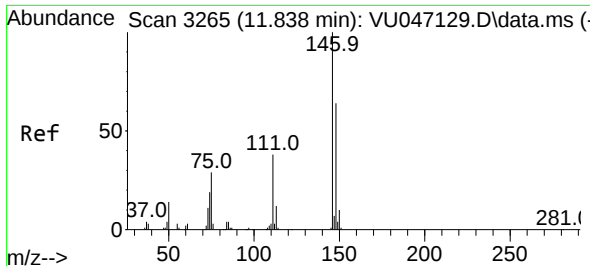


#82
1,3-Dichlorobenzene
Concen: 0.462 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



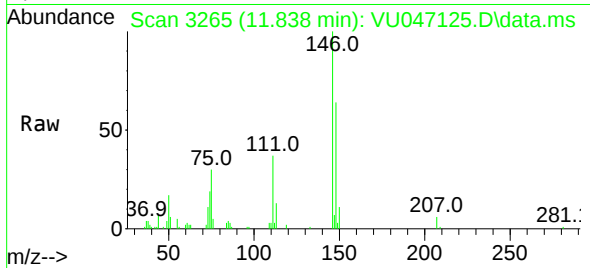
Tgt Ion:146 Resp: 15862
Ion Ratio Lower Upper
146 100
111 40.2 33.9 50.9
148 65.2 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 0.480 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

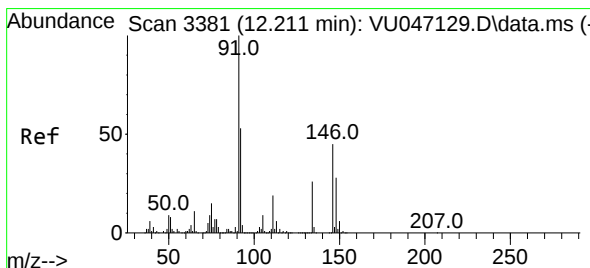
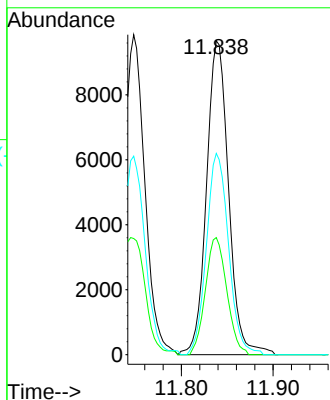
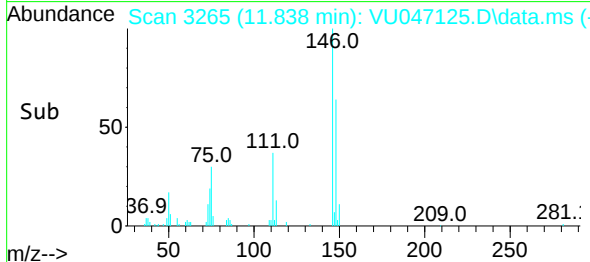
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:146 Resp: 1616
Ion Ratio Lower Upper
146 100
111 36.2 32.7 49.1
148 64.5 51.4 77.0

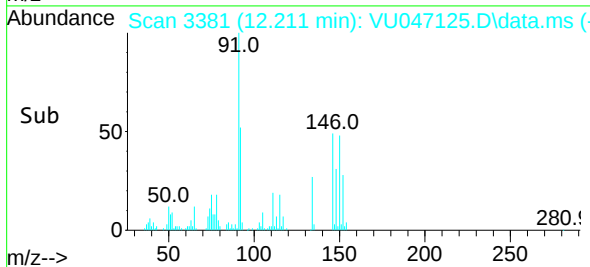
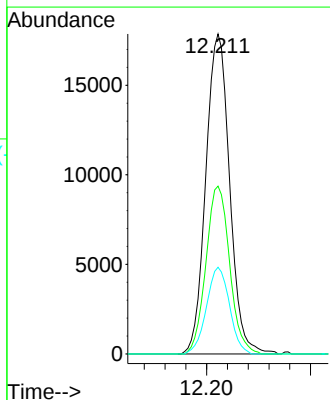
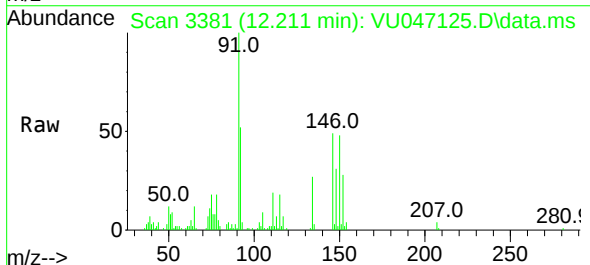
Manual Integrations
APPROVED

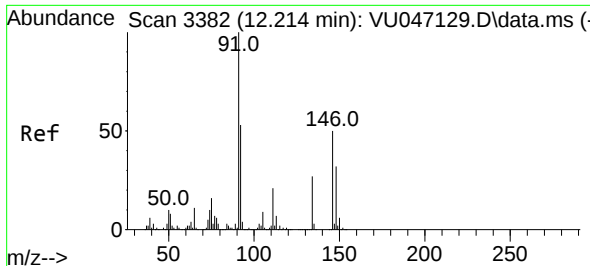
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#84
n-Butylbenzene
Concen: 0.496 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

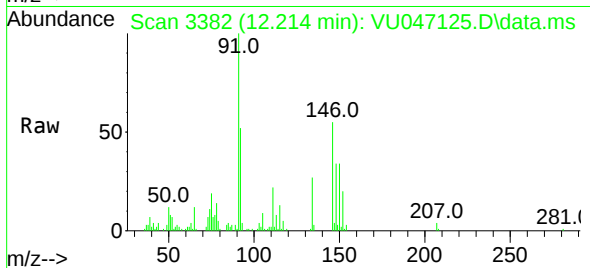
Tgt Ion: 91 Resp: 28408
Ion Ratio Lower Upper
91 100
92 52.1 43.5 65.3
134 26.1 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 0.477 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

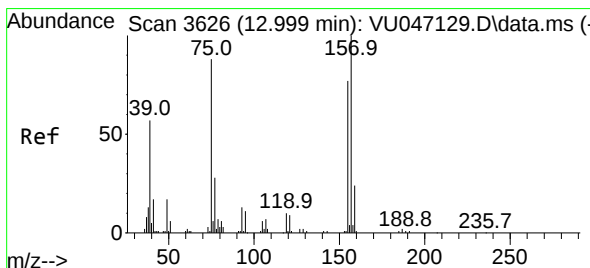
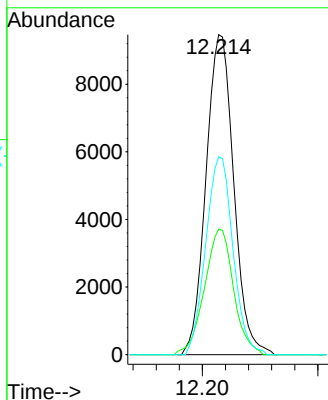
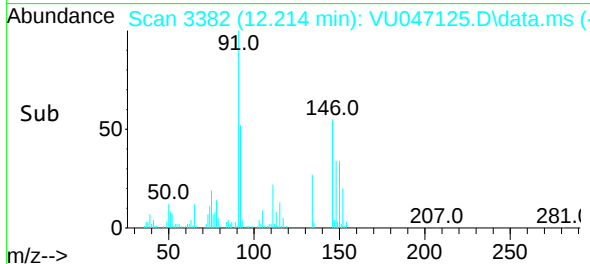
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



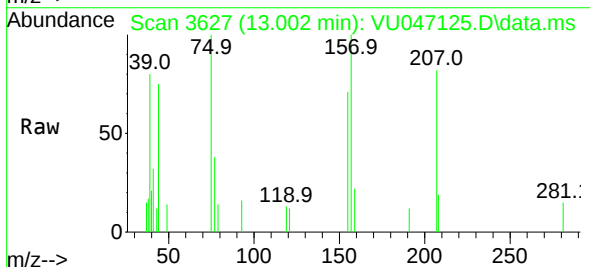
Tgt Ion:146 Resp: 1576
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.1
148 60.9 31.6 94.7

Manual Integrations
APPROVED

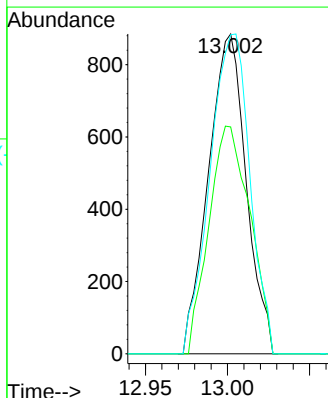
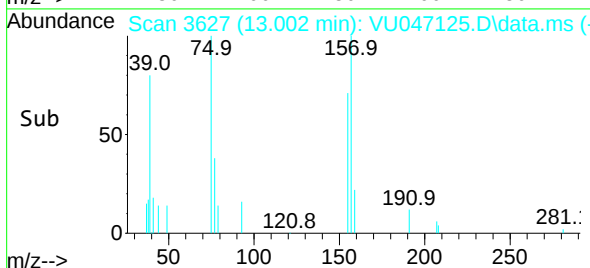
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

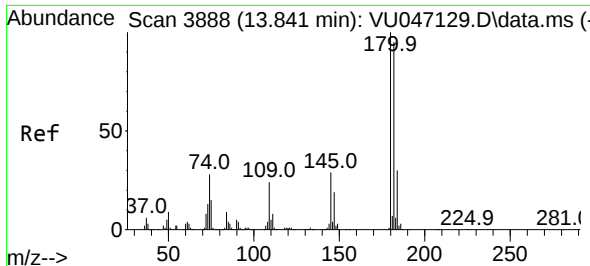


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.520 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



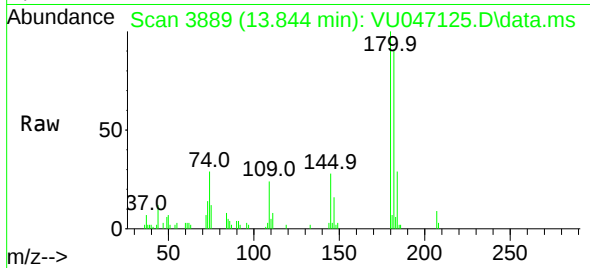
Tgt Ion: 75 Resp: 1416
Ion Ratio Lower Upper
75 100
155 77.5 57.8 86.8
157 105.8 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 0.555 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11

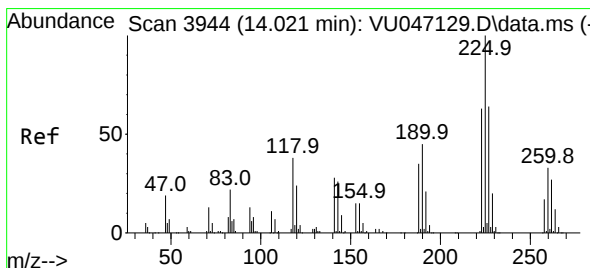
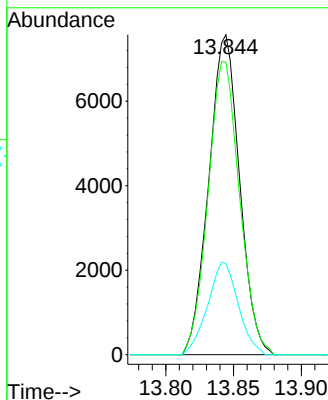
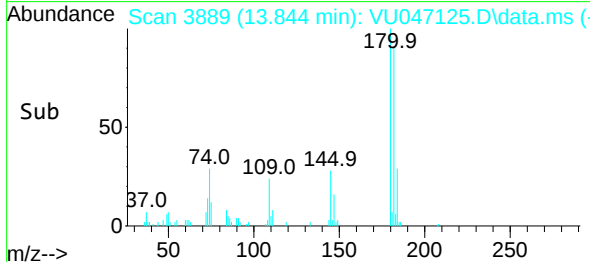
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



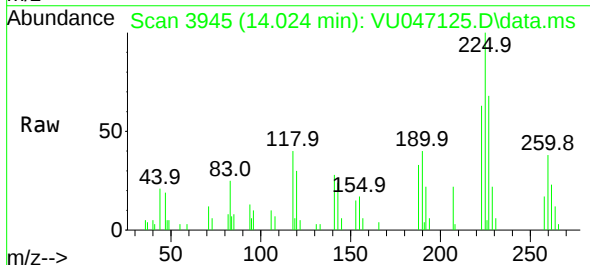
Tgt Ion:180 Resp: 1196
Ion Ratio Lower Upper
180 100
182 93.7 75.8 113.8
145 28.8 25.3 37.9

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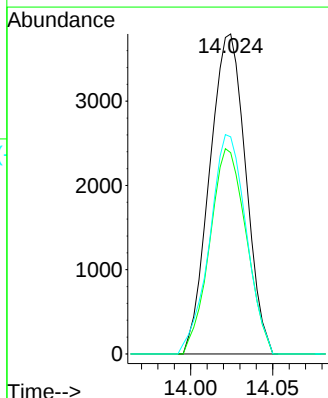
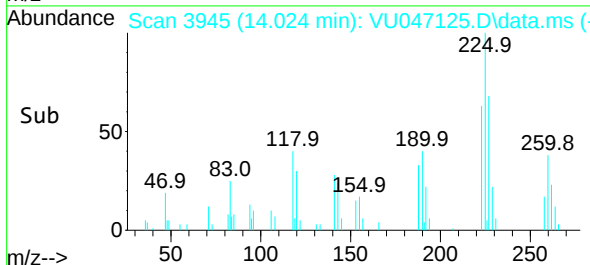
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

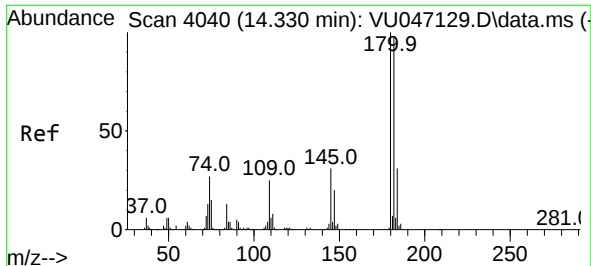


#88
Hexachlorobutadiene
Concen: 0.430 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047125.D
Acq: 14 Feb 2022 10:11



Tgt Ion:225 Resp: 5797
Ion Ratio Lower Upper
225 100
223 64.8 51.1 76.7
227 69.4 49.9 74.9





#90

1,2,3-Trichlorobenzene

Concen: 0.486 ug/l

RT: 14.333 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU047125.D

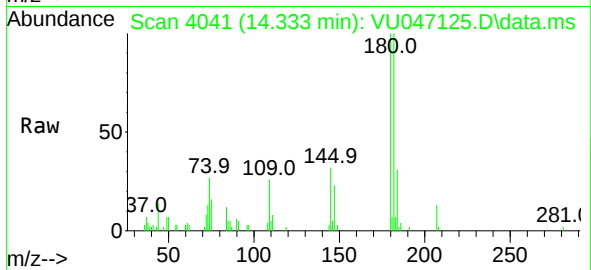
Acq: 14 Feb 2022 10:11

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 1032

Ion Ratio Lower Upper

180 100

182 99.2 75.4 113.0

145 32.7 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022

