

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081022\
 Data File : VU050208.D
 Acq On : 10 Aug 2022 09:23
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 10:46:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081022DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 10 09:58:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	26903	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	9326	0.946	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	9088	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5579	0.541	ug/l	98
3) Chloromethane	1.517	50	7603	0.721	ug/l	96
4) Vinyl Chloride	1.600	62	5894	0.613	ug/l	96
5) Bromomethane	1.854	94	1914	0.382	ug/l	90
6) Chloroethane	1.932	64	3629	0.674	ug/l	99
7) Trichlorofluoromethane	2.134	101	6733	0.585	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	3439	0.568	ug/l	97
9) 1,1-Dichloroethene	2.578	96	4041	0.662	ug/l	93
10) Iodomethane	2.723	142	2621	0.339	ug/l	94
11) Allyl Chloride	2.925	41	5302	0.510	ug/l	96
12) Acrylonitrile	3.337	53	1894	1.161	ug/l	# 82
13) Acetone	2.655	43	4053	3.150	ug/l	100
14) Carbon Disulfide	2.790	76	16588	0.826	ug/l	99
15) Methylene Chloride	3.044	84	7569	0.991	ug/l	92
16) trans-1,2-Dichloroethene	3.353	96	4223	0.659	ug/l	88
17) 1,1-Dichloroethane	3.867	63	8311	0.627	ug/l	99
18) 2-Butanone	4.735	43	6285	2.865	ug/l	95
19) Cyclohexane	5.388	56	4753m	0.375	ug/l	
20) Methylcyclohexane	6.764	83	4713	0.378	ug/l	96
21) 2,2-Dichloropropane	4.665	77	7049	0.650	ug/l	# 88
22) cis-1,2-Dichloroethene	4.668	96	5041	0.638	ug/l	99
23) Diethyl Ether	2.375	59	3767	0.725	ug/l	98
24) tert-Butyl Alcohol	3.192	59	4009	6.762	ug/l	# 1
25) Methyl tert-Butyl Ether	3.366	73	9927	0.582	ug/l	95
26) Bromochloromethane	4.977	128	2292	0.689	ug/l	91
27) Chloroform	5.092	83	8855	0.679	ug/l	96
28) 1,1,1-Trichloroethane	5.317	97	6745	0.587	ug/l	96
29) 1,1-Dichloropropene	5.526	75	5135	0.500	ug/l	98
30) Carbon Tetrachloride	5.526	117	5337	0.551	ug/l	94
31) Isopropyl Ether	3.993	45	10168	0.448	ug/l	86
32) Ethyl-t-butyl ether	4.504	59	10088	0.469	ug/l	98
33) Tert-Amyl methyl ether	5.944	73	8422	0.450	ug/l	98
34) Propionitrile	4.819	54	2068m	3.288	ug/l	
35) Benzene	5.777	78	17701	0.605	ug/l	93
36) 1,2-Dichloroethane	5.796	62	5410	0.650	ug/l	98
37) Trichloroethene	6.546	130	4455	0.603	ug/l	97
38) 1,2-Dichloropropane	6.793	63	5104	0.659	ug/l	97
39) Methacrylonitrile	4.983	41	1259m	0.467	ug/l	
40) Methyl acrylate	4.867	55	2397	0.568	ug/l	# 75
41) Tetrahydrofuran	5.073	42	1580m	0.992	ug/l	
42) 1-Chlorobutane	5.459	56	7034	0.489	ug/l	96
43) Dibromomethane	6.922	93	2600	0.674	ug/l	98
44) Bromodichloromethane	7.108	83	6008	0.650	ug/l	94

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Instrument :
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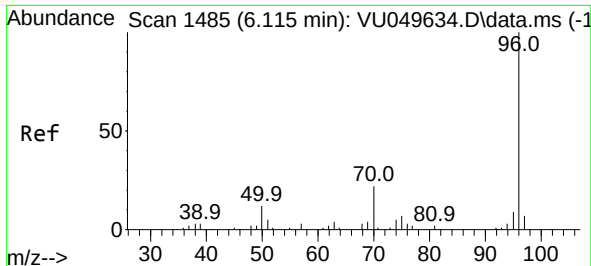
Manual Integrations
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Reviewed By : John Carlone 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 10:46:20 2022
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	13492	2.576	ug/l	99
46) t-1,4-Dichloro-2-butene	10.832	75	2133m	1.252	ug/l	
47) Methyl methacrylate	6.970	69	3839	0.987	ug/l	91
48) Ethyl methacrylate	8.337	69	3711	0.475	ug/l	87
49) Toluene	7.970	92	9209	0.516	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	5055	0.566	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	6063	0.573	ug/l	92
52) 1,1,2-Trichloroethane	8.404	97	3679	0.691	ug/l	94
53) 1,3-Dichloropropane	8.578	76	6076	0.636	ug/l	95
54) 2-Hexanone	8.693	43	9842	2.706	ug/l	97
55) Dibromochloromethane	8.812	129	4305	0.708	ug/l	97
56) 1,2-Dibromoethane	8.925	107	3291	0.638	ug/l	100
58) Tetrachloroethene	8.555	164	3625	0.590	ug/l	95
59) Chlorobenzene	9.449	112	10722	0.574	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	4273	0.643	ug/l	98
61) Pentachloroethane	11.426	117	3467	0.679	ug/l	88
62) Hexachloroethane	12.475	117	2511	0.491	ug/l	92
63) Ethyl Benzene	9.571	91	14958	0.445	ug/l	98
64) m/p-Xylenes	9.693	106	10802	0.868	ug/l	97
65) o-Xylene	10.102	106	5393	0.441	ug/l	98
66) Styrene	10.115	104	7945	0.404	ug/l	99
67) Bromoform	10.295	173	2411	0.695	ug/l #	88
69) Isopropylbenzene	10.488	105	13345	0.409	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	4911	0.710	ug/l	95
71) 1,2,3-Trichloropropane	10.825	75	3708m	0.647	ug/l	
72) Bromobenzene	10.783	156	4113	0.559	ug/l	98
73) n-propylbenzene	10.906	120	2984	0.362	ug/l	91
74) 2-Chlorotoluene	10.989	126	3426	0.466	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	10214	0.374	ug/l	99
76) 4-Chlorotoluene	11.102	126	3053	0.414	ug/l	96
77) tert-Butylbenzene	11.423	119	11408	0.424	ug/l	93
78) 1,2,4-Trimethylbenzene	11.471	105	10786	0.393	ug/l	98
79) sec-Butylbenzene	11.645	105	12773	0.362	ug/l	99
80) Nitrobenzene	13.221	77	867	3.063	ug/l #	81
81) p-Isopropyltoluene	11.793	119	9645	0.337	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	7815	0.549	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	7338	0.511	ug/l	98
84) n-Butylbenzene	12.211	91	9210	0.346	ug/l	93
85) 1,2-Dichlorobenzene	12.214	146	7468	0.541	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.999	75	771	0.639	ug/l #	75
87) 1,2,4-Trichlorobenzene	13.844	180	3940	0.423	ug/l	97
88) Hexachlorobutadiene	14.024	225	2512	0.530	ug/l	98
89) Naphthalene	14.092	128	8202	0.420	ug/l	97
90) 1,2,3-Trichlorobenzene	14.333	180	4313	0.485	ug/l	98

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



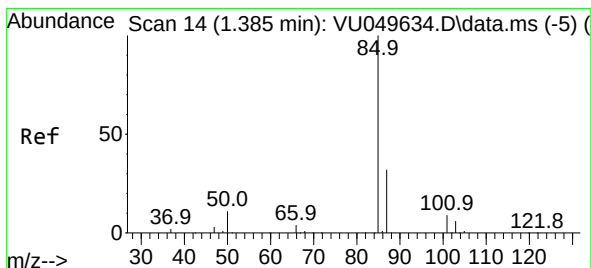
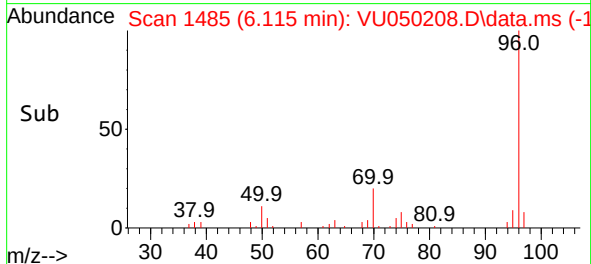
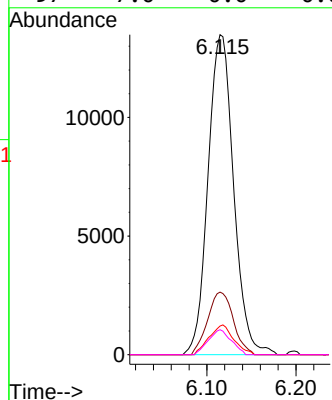
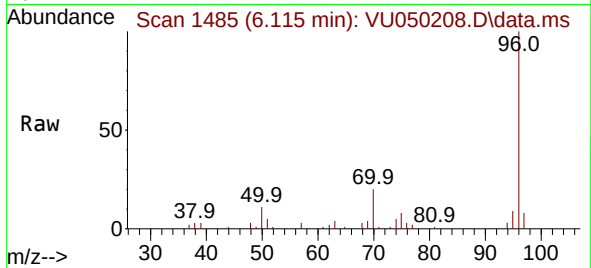
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:	96	Resp:	2690
Ion Ratio	Lower	Upper	
96	100		
70	19.6	16.7	25.1
95	8.9	7.4	11.0
97	7.0	0.0	0.0

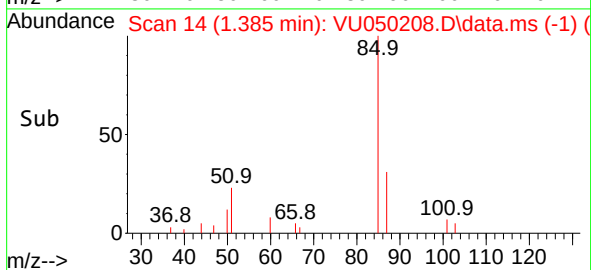
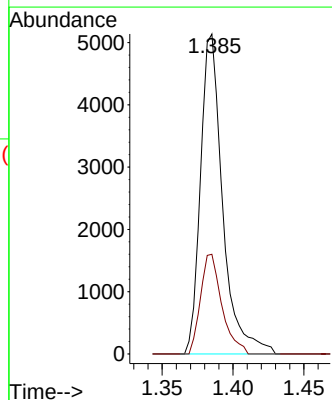
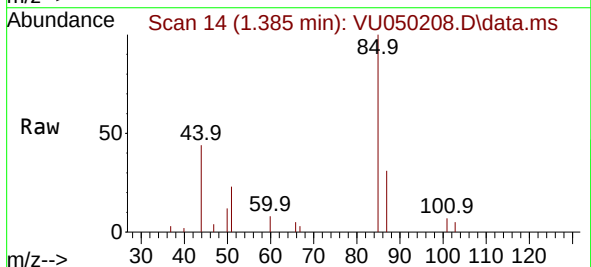
Manual Integrations
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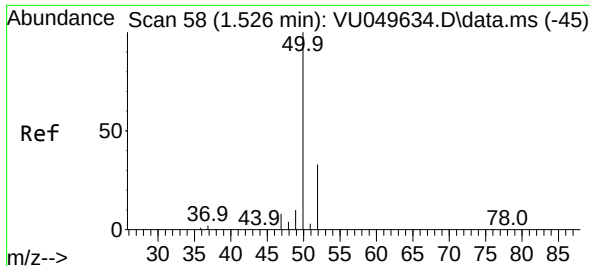
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#2
Dichlorodifluoromethane
Concen: 0.541 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Tgt Ion:	85	Resp:	5579
Ion Ratio	Lower	Upper	
85	100		
87	31.2	16.3	48.8





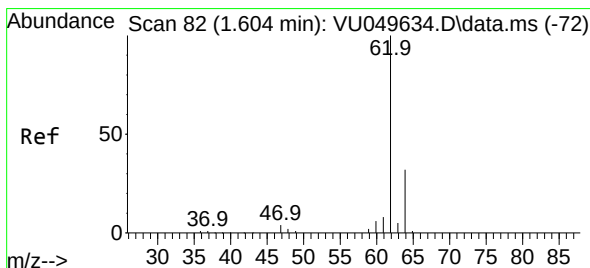
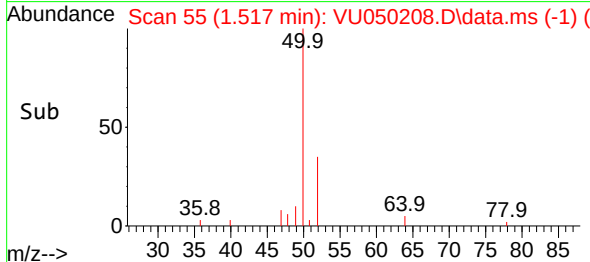
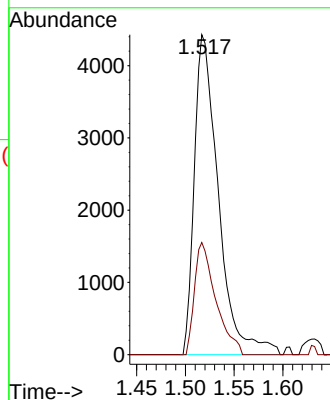
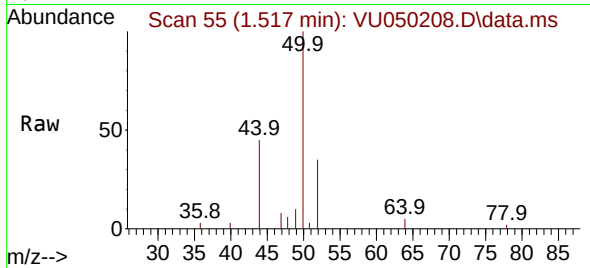
#3
Chloromethane
Concen: 0.721 ug/l
RT: 1.517 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 35.1 26.1 39.1

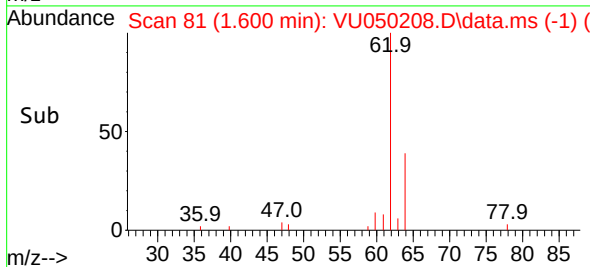
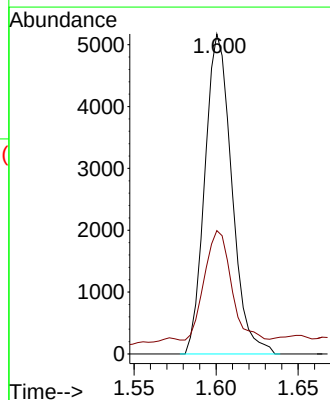
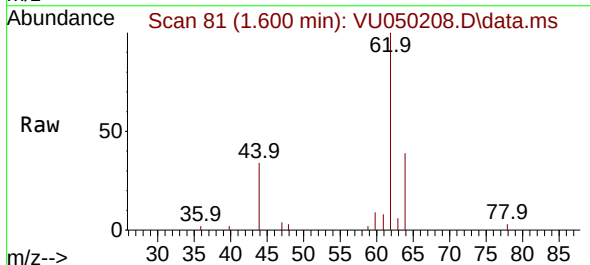
Manual Integrations
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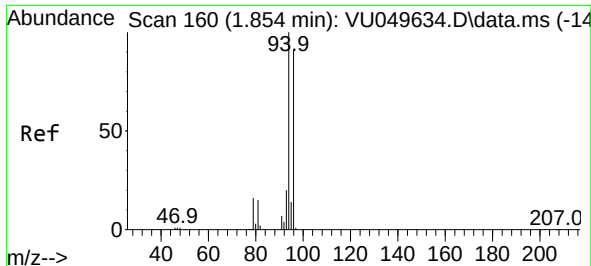
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#4
Vinyl Chloride
Concen: 0.613 ug/l
RT: 1.600 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

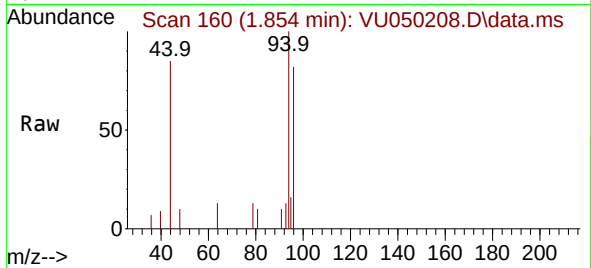
Tgt Ion: 62 Resp: 5894
Ion Ratio Lower Upper
62 100
64 34.2 25.5 38.3





#5
Bromomethane
Concen: 0.382 ug/l
RT: 1.854 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

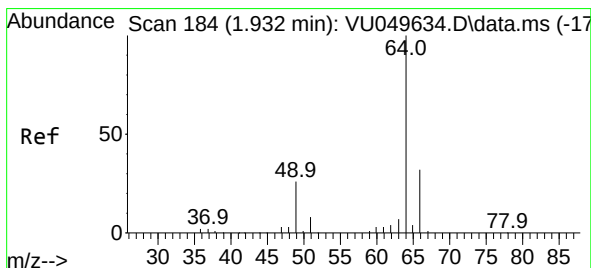
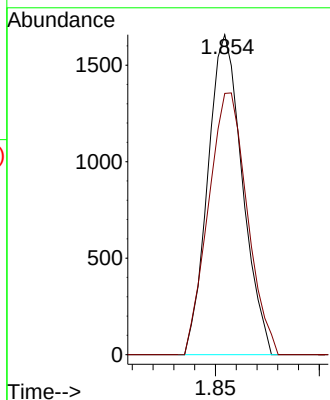
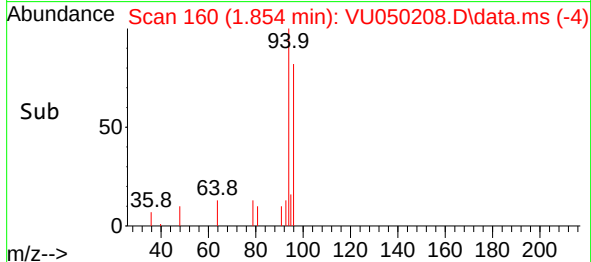
Instrument :
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ClientSampleId :
VSTDIC0.5



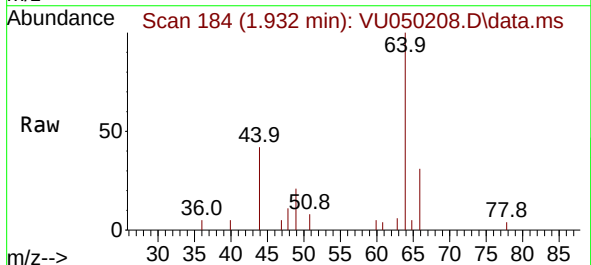
Tgt Ion: 94 Resp: 1914
Ion Ratio Lower Upper
94 100
96 81.7 73.0 109.6

Manual Integrations
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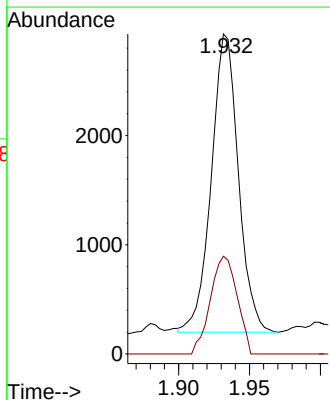
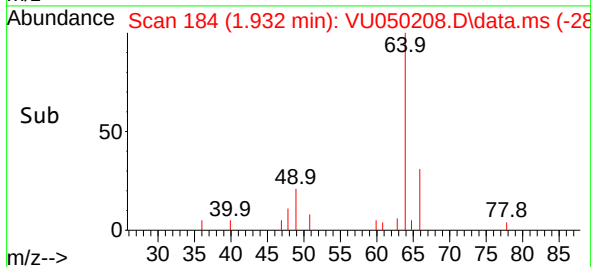
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Supervised By :Mahesh Dadoda 08/11/2022

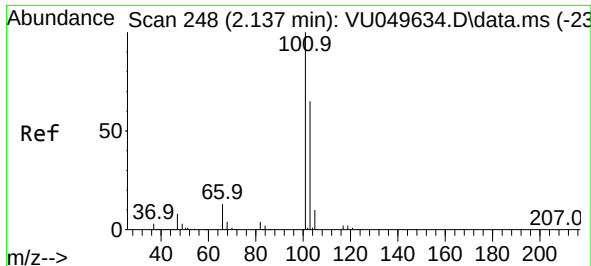


#6
Chloroethane
Concen: 0.674 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



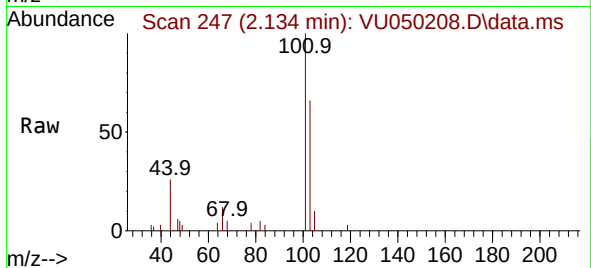
Tgt Ion: 64 Resp: 3629
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.6





#7
Trichlorofluoromethane
Concen: 0.585 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

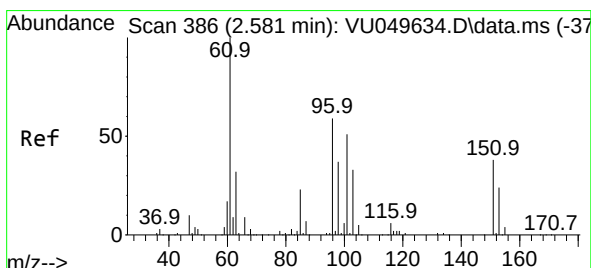
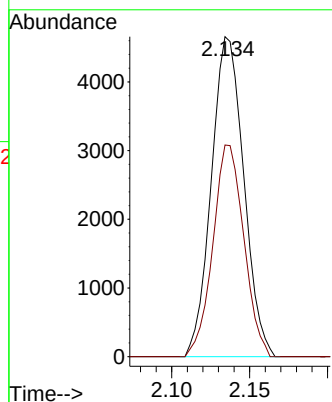
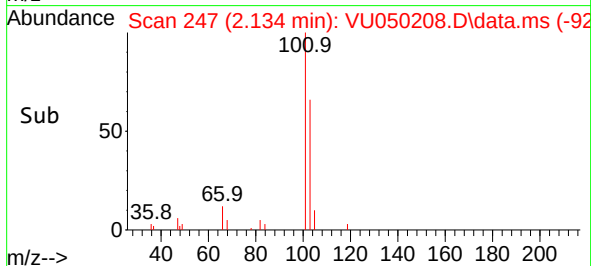
Instrument :
MSVOA_U
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VSTDIC0.5



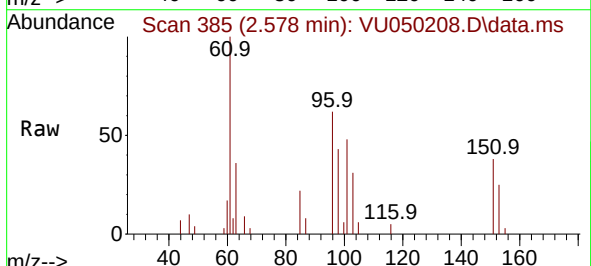
Tgt Ion:101 Resp: 673
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.6

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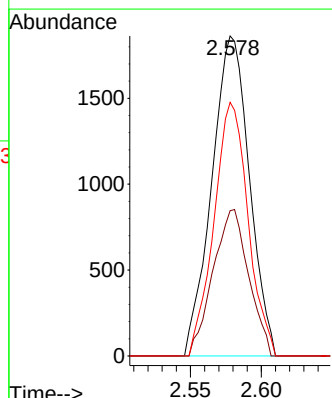
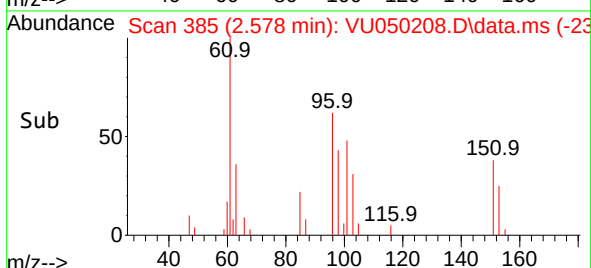
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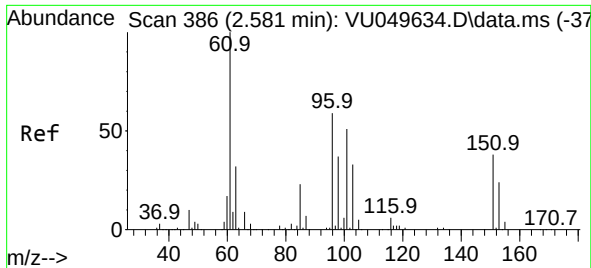


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.568 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



Tgt Ion:101 Resp: 3439
Ion Ratio Lower Upper
101 100
85 43.4 36.4 54.6
151 71.9 59.1 88.7





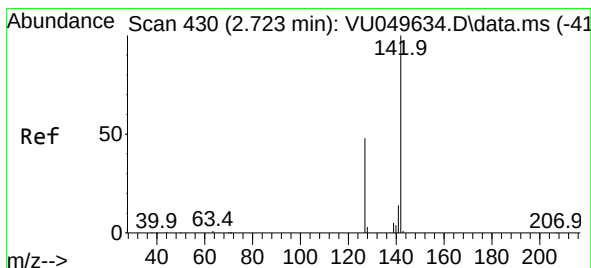
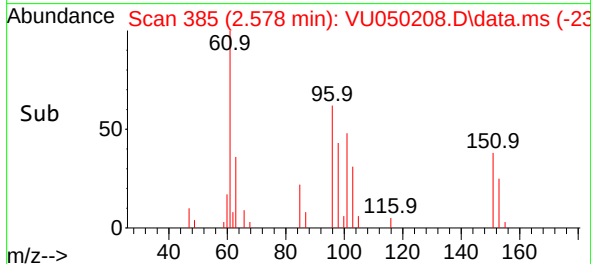
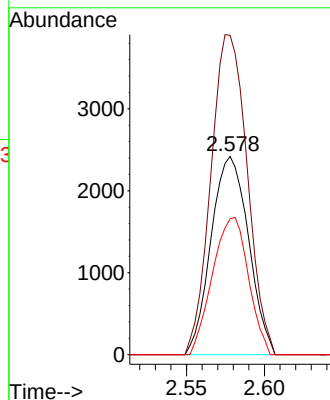
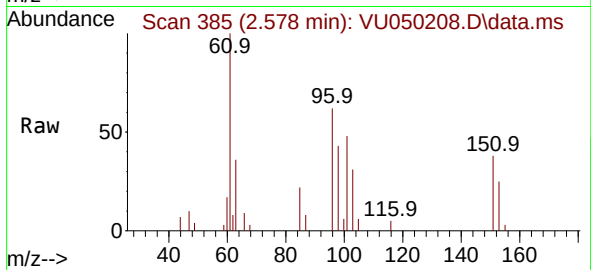
#9
1,1-Dichloroethene
Concen: 0.662 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument : MSVOA_U
ClientSampleId : VSTDIC0.5

Tgt Ion: 96 Resp: 404
Ion Ratio Lower Upper
96 100
61 161.1 0.0 510.6
98 68.5 0.0 124.6

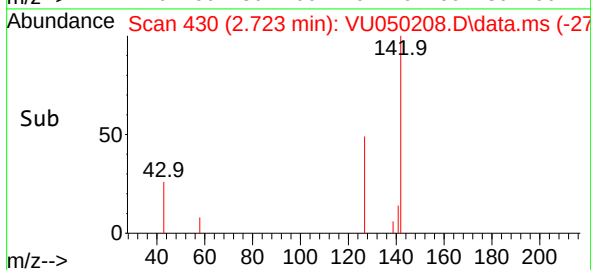
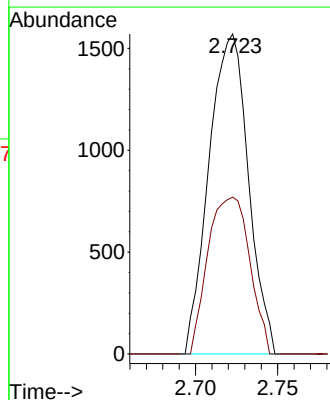
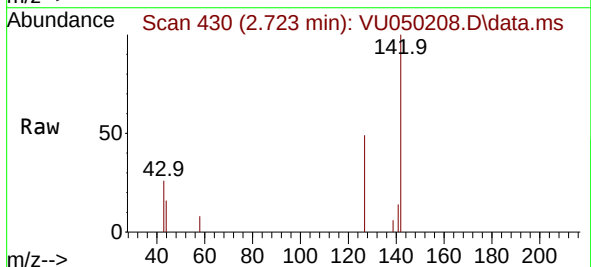
Manual Integrations
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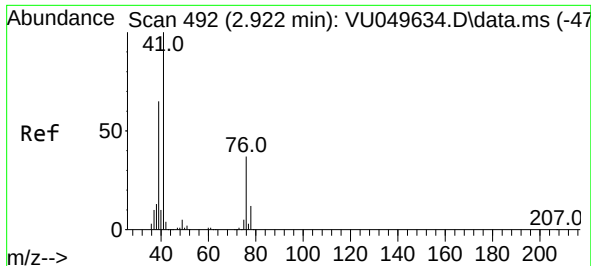
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#10
Iodomethane
Concen: 0.339 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

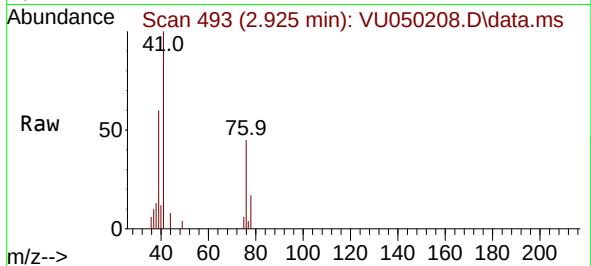
Tgt Ion:142 Resp: 2621
Ion Ratio Lower Upper
142 100
127 52.0 38.2 57.2





#11
 Allyl Chloride
 Concen: 0.510 ug/l
 RT: 2.925 min Scan# 492
 Delta R.T. 0.003 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23

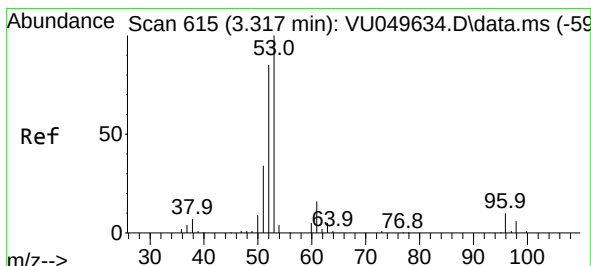
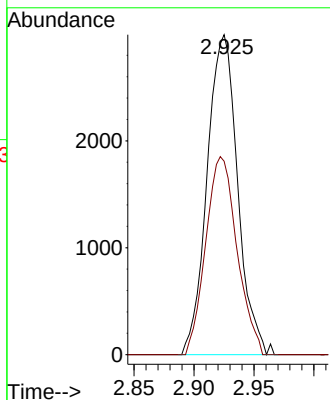
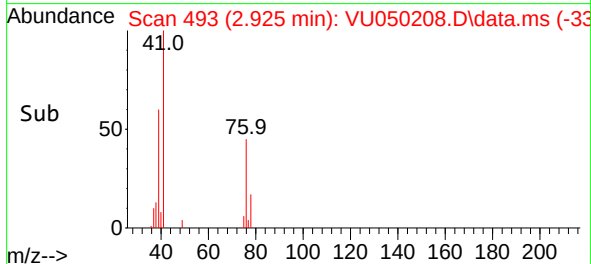
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 5302
 Ion Ratio Lower Upper
 41 100
 39 63.4 53.2 79.8

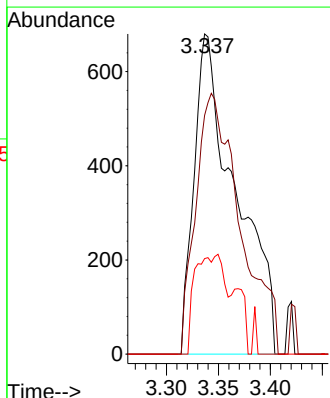
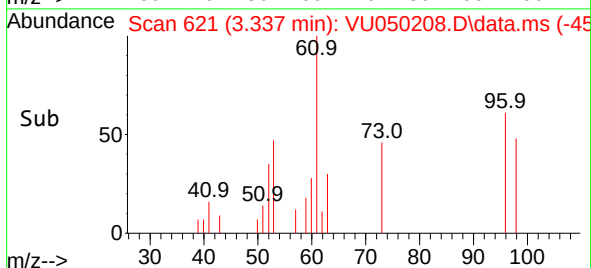
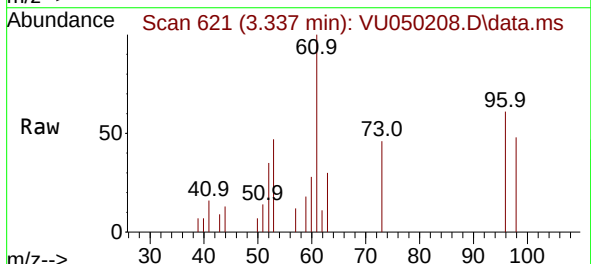
Manual Integrations
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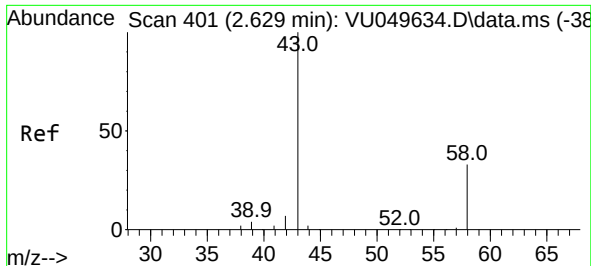
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#12
 Acrylonitrile
 Concen: 1.161 ug/l
 RT: 3.337 min Scan# 621
 Delta R.T. 0.019 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23

Tgt Ion: 53 Resp: 1894
 Ion Ratio Lower Upper
 53 100
 52 86.8 64.6 97.0
 51 13.3 30.7 46.1#





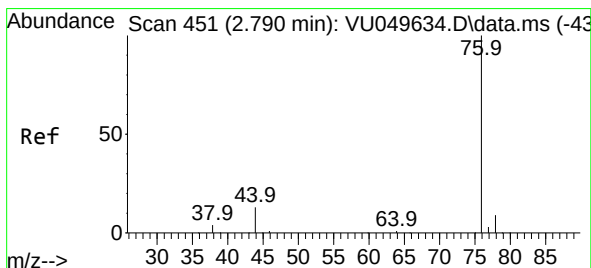
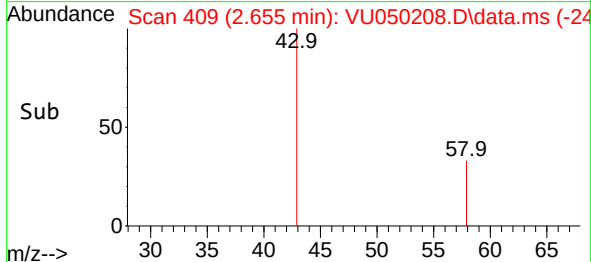
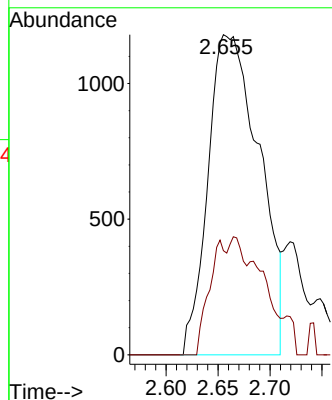
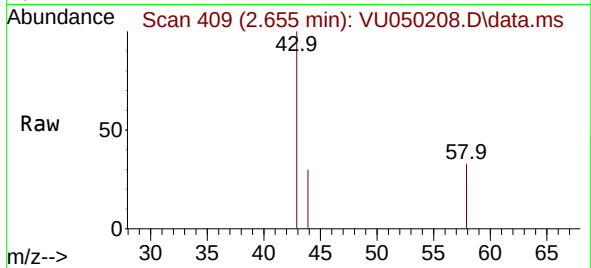
#13
Acetone
Concen: 3.150 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.026 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
58 32.5 26.2 39.2

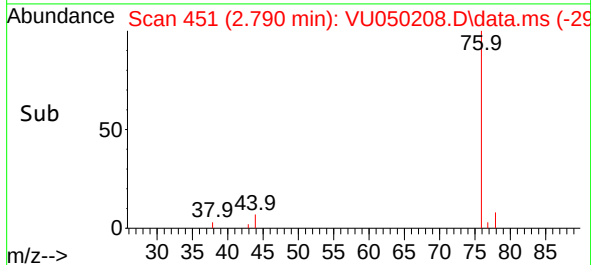
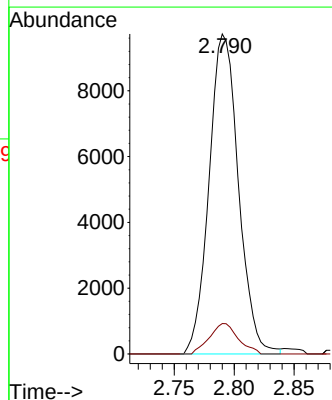
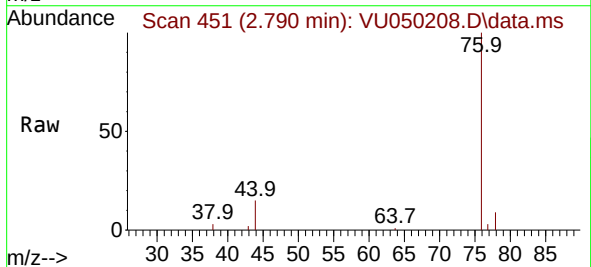
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APPROVED

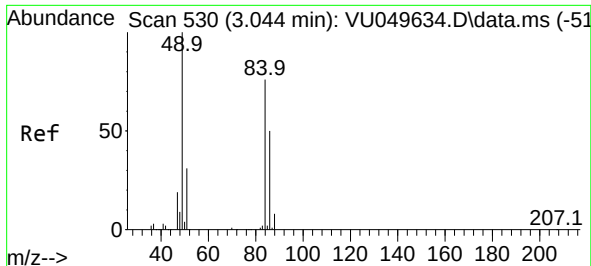
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#14
Carbon Disulfide
Concen: 0.826 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

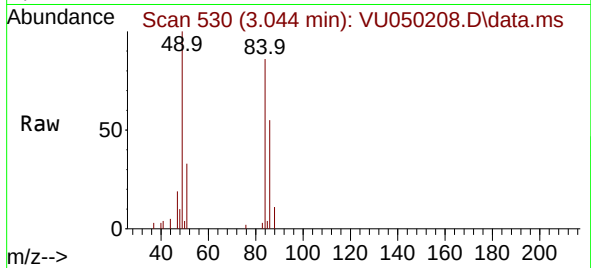
Tgt Ion: 76 Resp: 16588
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0





#15
Methylene Chloride
Concen: 0.991 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

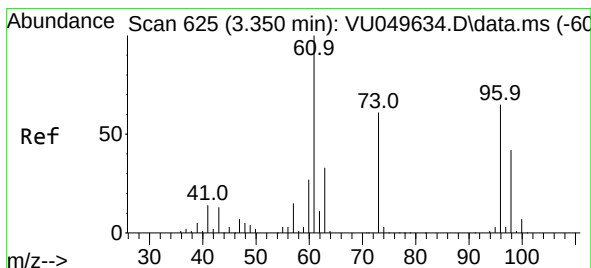
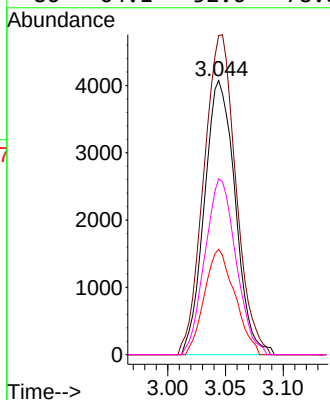
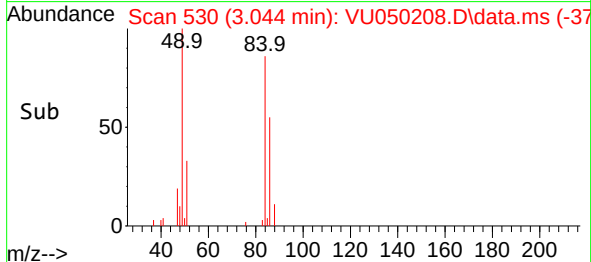
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



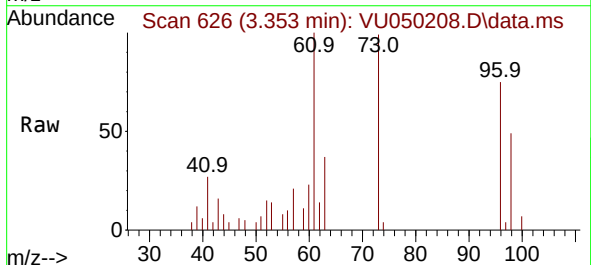
Tgt Ion: 84	Resp: 7569
Ion Ratio	Lower Upper
84 100	
49 116.4	104.6 157.0
51 38.5	0.0 81.4
86 64.1	52.6 78.8

Manual Integrations
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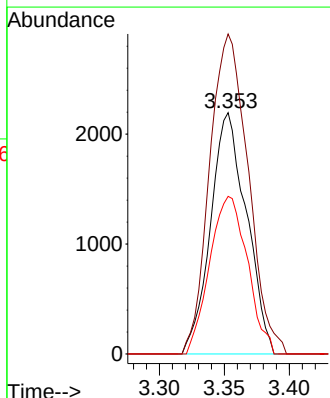
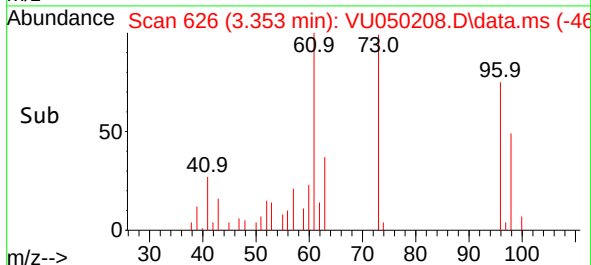
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

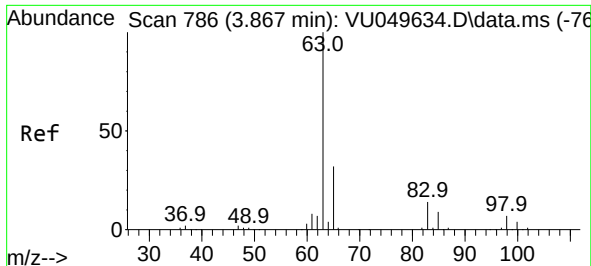


#16
trans-1,2-Dichloroethene
Concen: 0.659 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



Tgt Ion: 96	Resp: 4223
Ion Ratio	Lower Upper
96 100	
61 132.6	123.4 185.0
98 65.3	51.6 77.4





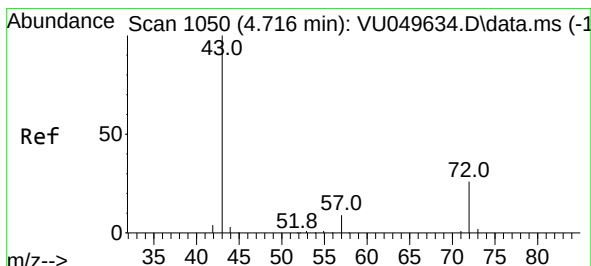
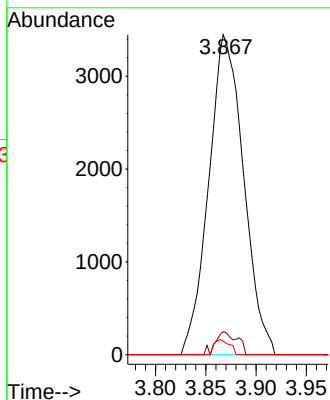
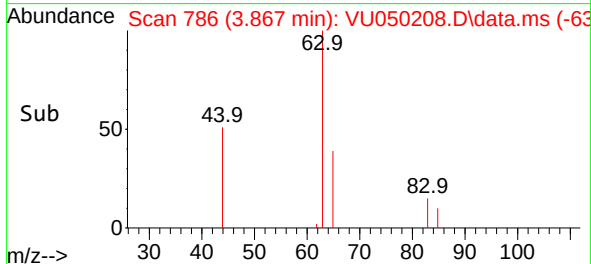
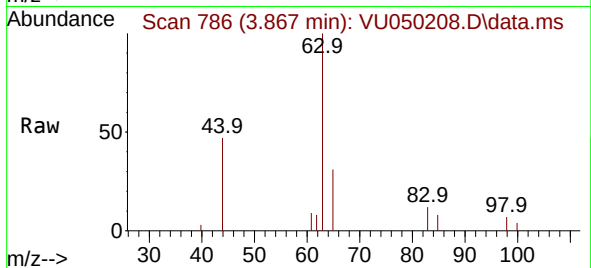
#17
1,1-Dichloroethane
Concen: 0.627 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 63 Resp: 831
Ion Ratio Lower Upper
63 100
98 7.2 3.4 10.2
100 4.3 2.0 6.0

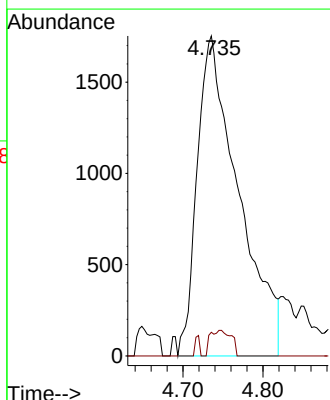
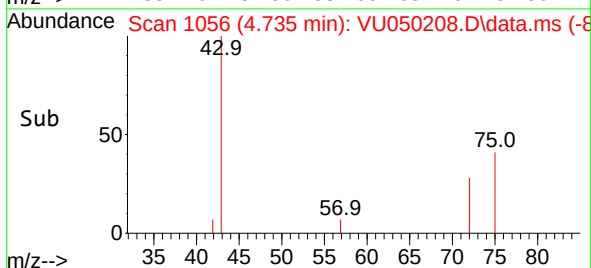
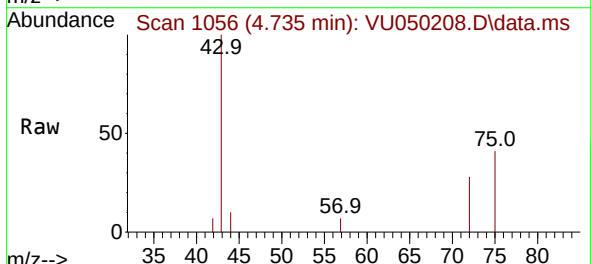
Manual Integrations
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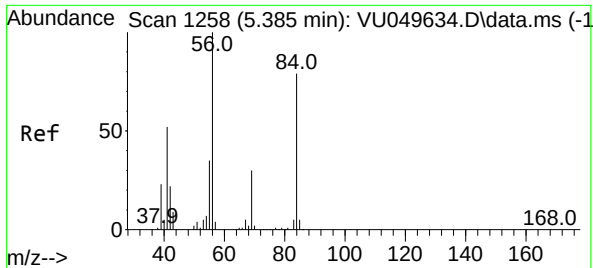
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
2-Butanone
Concen: 2.865 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.019 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Tgt Ion: 43 Resp: 6285
Ion Ratio Lower Upper
43 100
57 7.4 0.0 18.0





#19

Cyclohexane

Concen: 0.375 ug/l m

RT: 5.388 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU050208.D

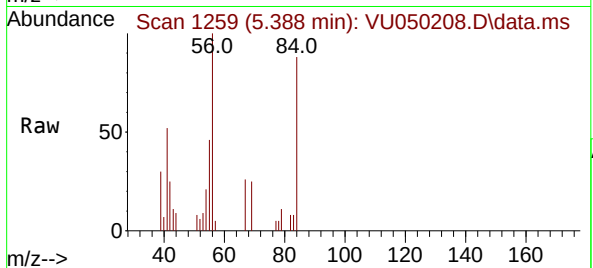
Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5



Tgt Ion: 56 Resp: 475

Ion Ratio Lower Upper

56 100

69 27.4 24.2 36.4

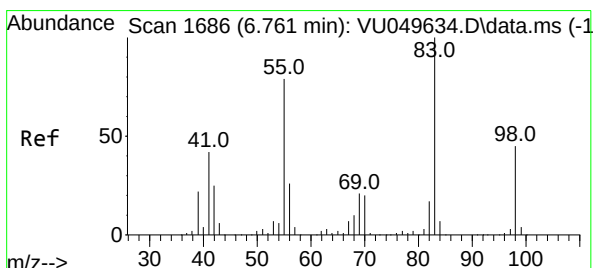
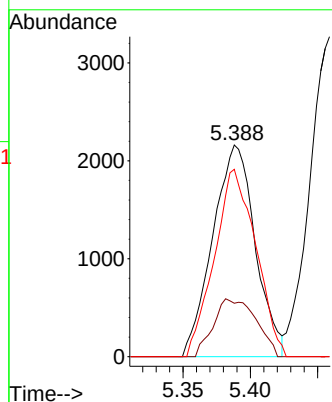
84 85.9 63.4 95.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#20

Methylcyclohexane

Concen: 0.378 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

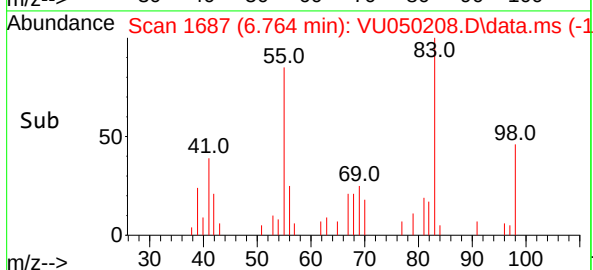
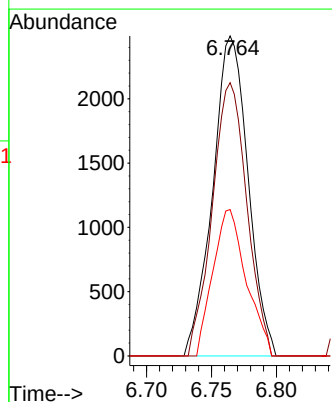
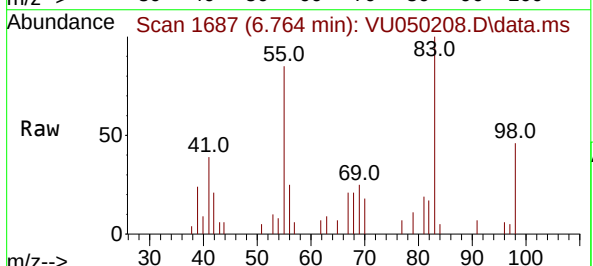
Tgt Ion: 83 Resp: 4713

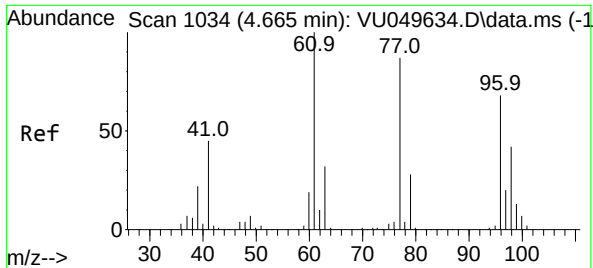
Ion Ratio Lower Upper

83 100

55 83.5 63.0 94.4

98 43.2 35.7 53.5





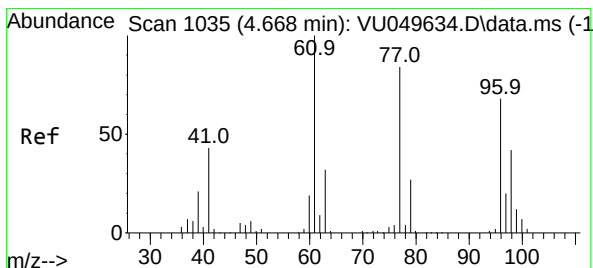
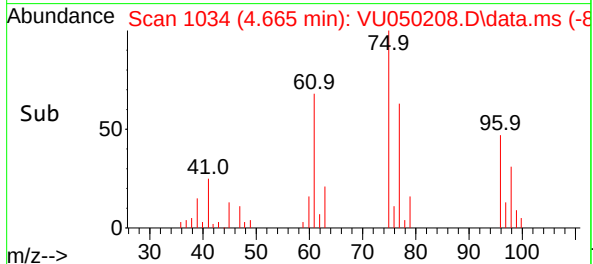
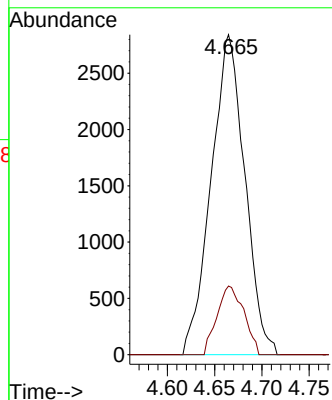
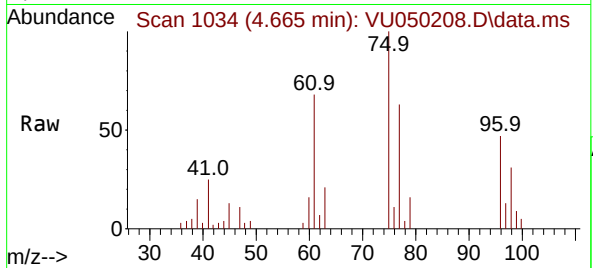
#21
2,2-Dichloropropane
Concen: 0.650 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 77 Resp: 7049
Ion Ratio Lower Upper
77 100
97 17.1 18.5 27.7

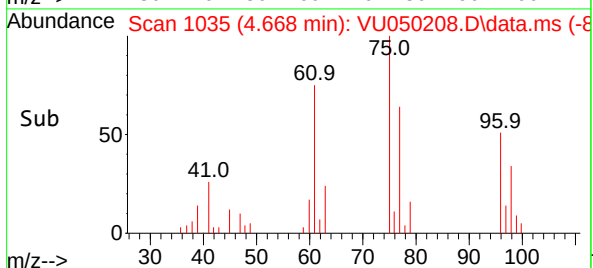
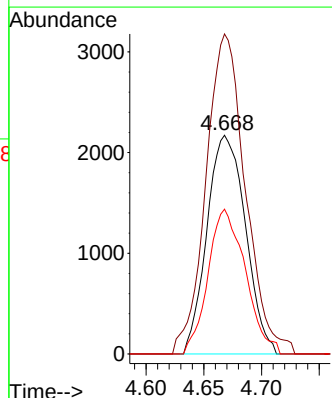
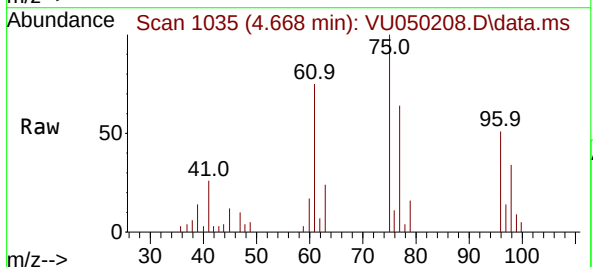
Manual Integrations
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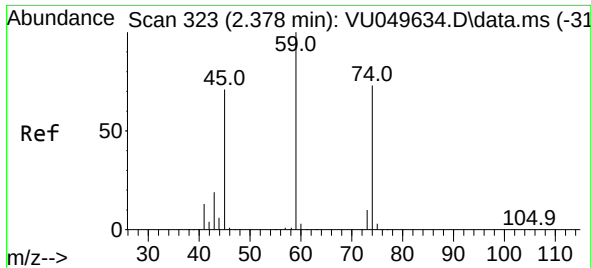
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#22
cis-1,2-Dichloroethene
Concen: 0.638 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

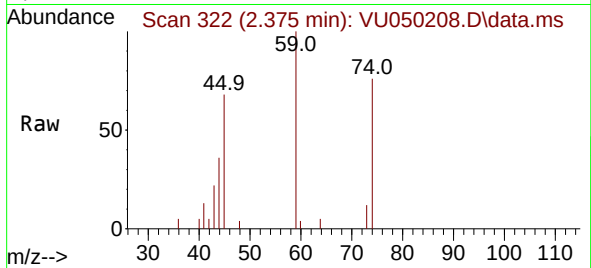
Tgt Ion: 96 Resp: 5041
Ion Ratio Lower Upper
96 100
61 149.9 0.0 375.8
98 64.1 31.6 95.0





#23
Diethyl Ether
Concen: 0.725 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

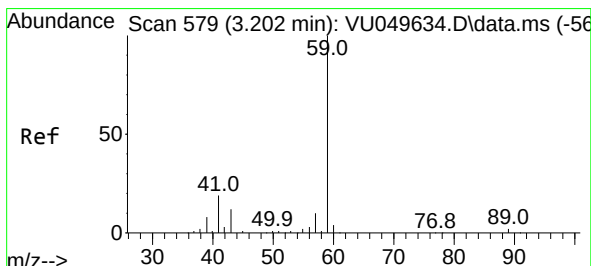
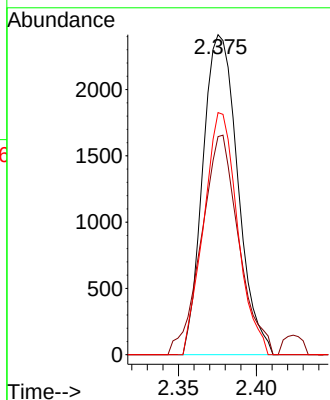
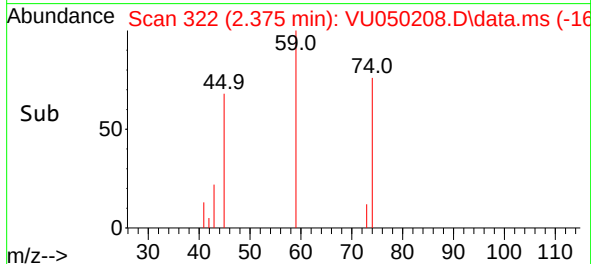
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 59 Resp: 376
Ion Ratio Lower Upper
59 100
45 72.9 56.0 84.0
74 73.1 57.6 86.4

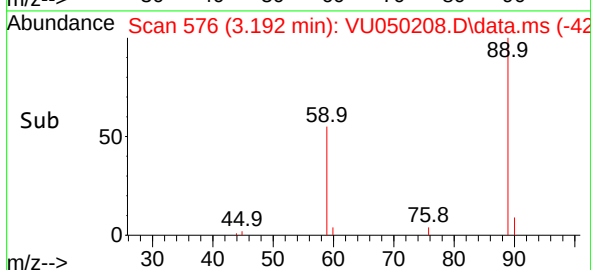
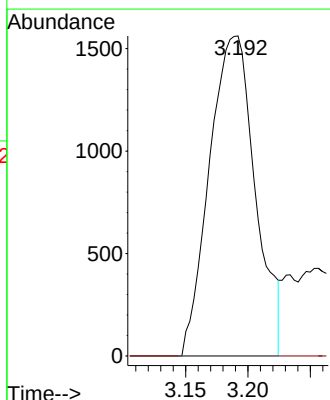
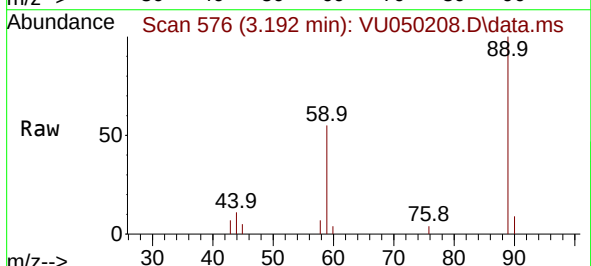
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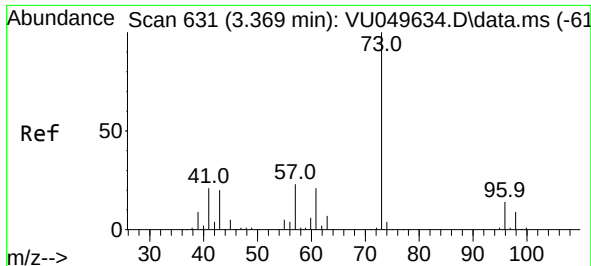
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#24
tert-Butyl Alcohol
Concen: 6.762 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.010 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Tgt Ion: 59 Resp: 4009
Ion Ratio Lower Upper
59 100
57 53.8 8.2 12.2#





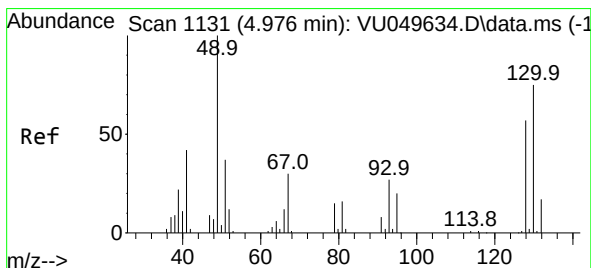
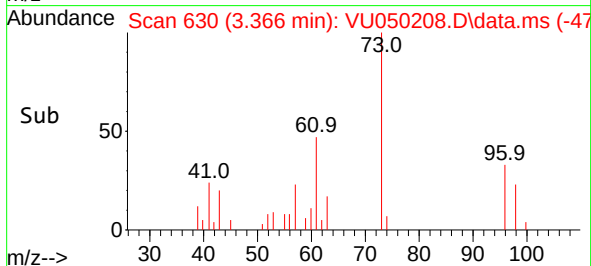
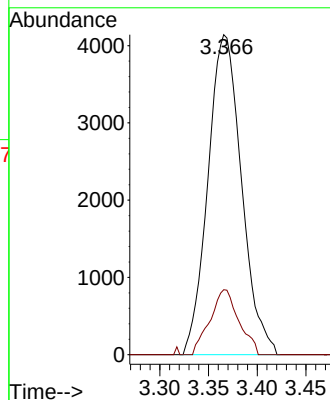
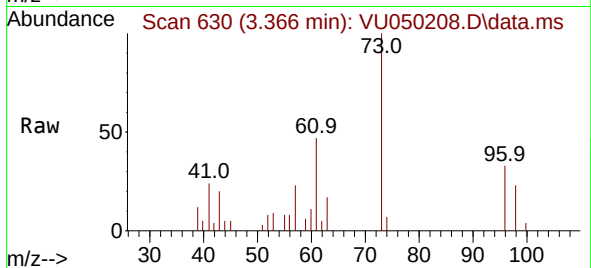
#25
Methyl tert-Butyl Ether
Concen: 0.582 ug/l
RT: 3.366 min Scan# 611
Delta R.T. -0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 73 Resp: 992
Ion Ratio Lower Upper
73 100
43 17.5 15.9 23.9

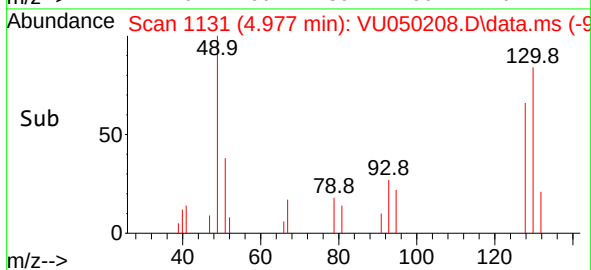
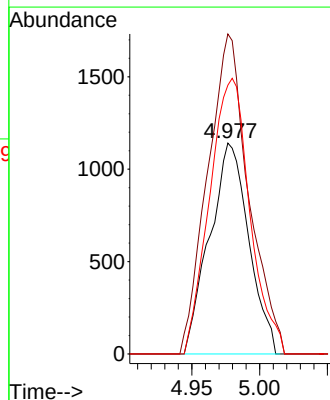
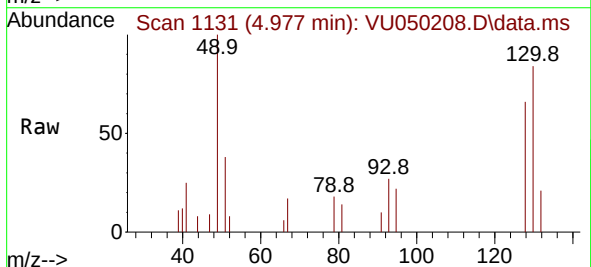
Manual Integrations
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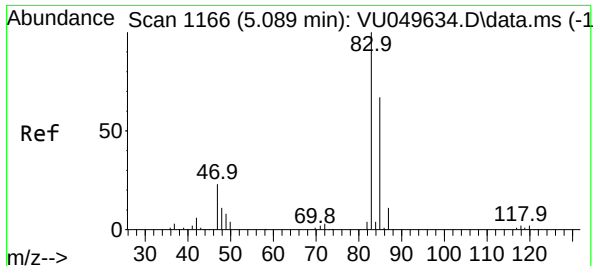
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
Bromochloromethane
Concen: 0.689 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Tgt Ion:128 Resp: 2292
Ion Ratio Lower Upper
128 100
49 158.7 0.0 349.2
130 134.9 103.0 154.6





#27

Chloroform

Concen: 0.679 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 885

Ion Ratio Lower Upper

83 100

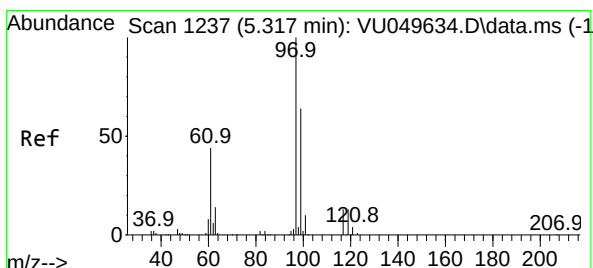
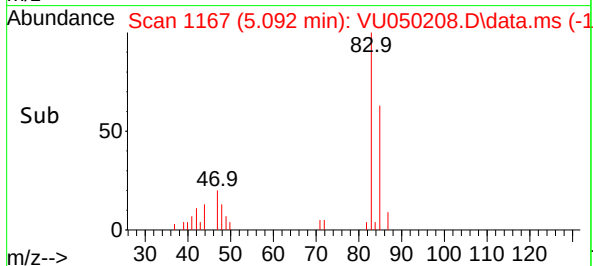
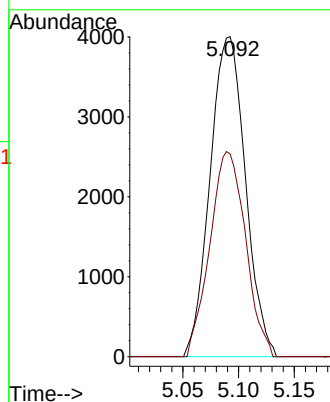
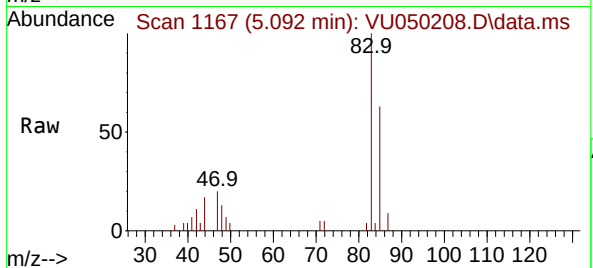
85 63.4 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#28

1,1,1-Trichloroethane

Concen: 0.587 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

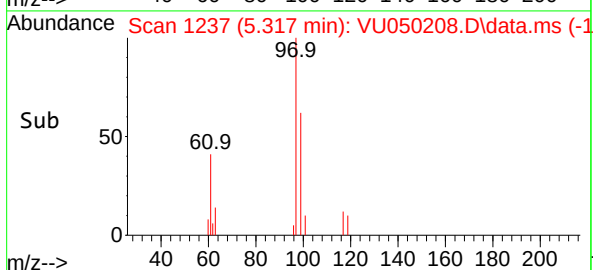
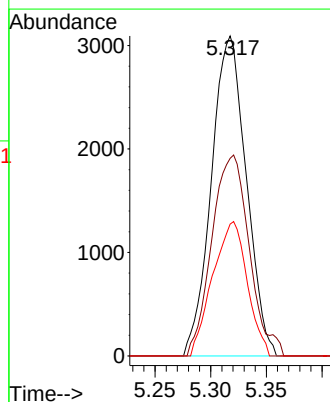
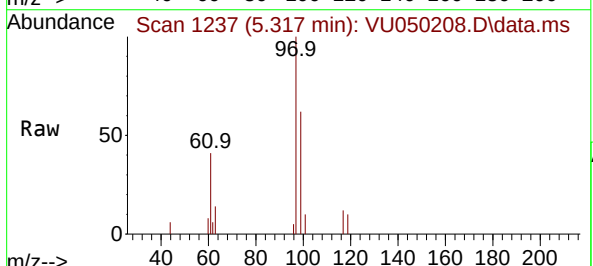
Tgt Ion: 97 Resp: 6745

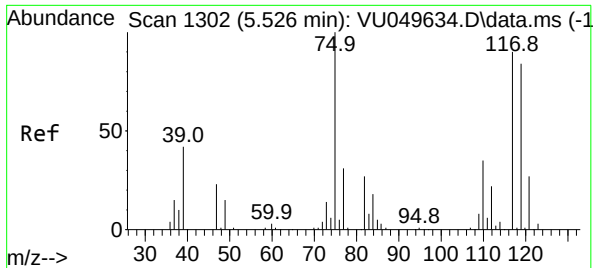
Ion Ratio Lower Upper

97 100

99 67.3 32.1 96.5

61 41.5 21.8 65.4





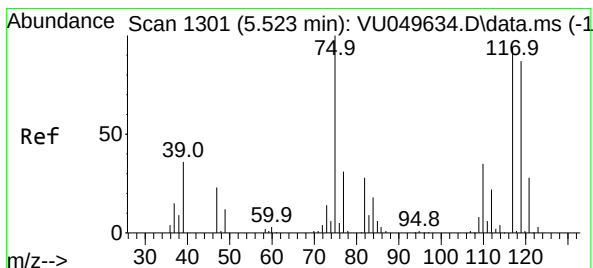
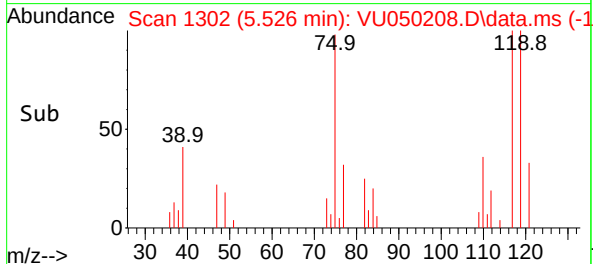
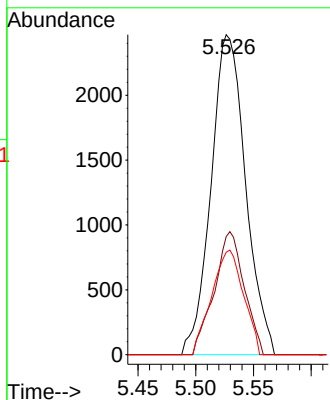
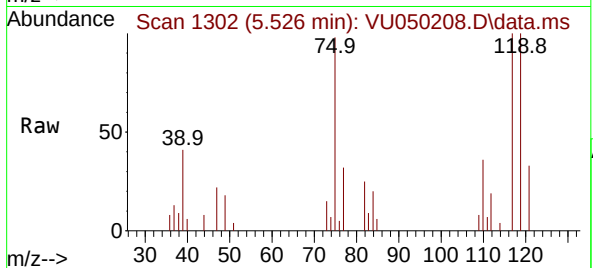
#29
1,1-Dichloropropene
Concen: 0.500 ug/l
RT: 5.526 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 513
Ion Ratio Lower Upper
75 100
110 33.5 17.3 52.0
77 30.1 24.6 37.0

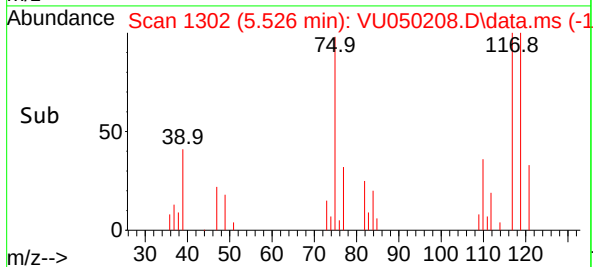
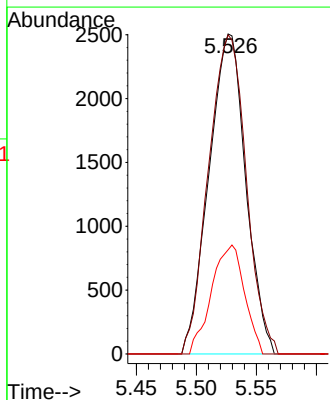
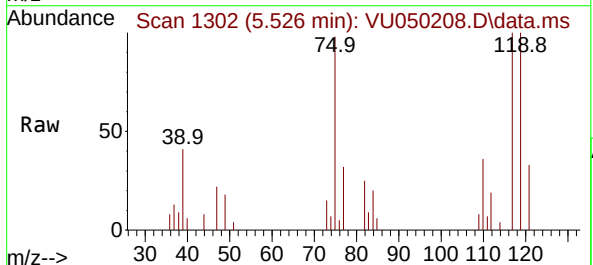
Manual Integrations
APPROVED

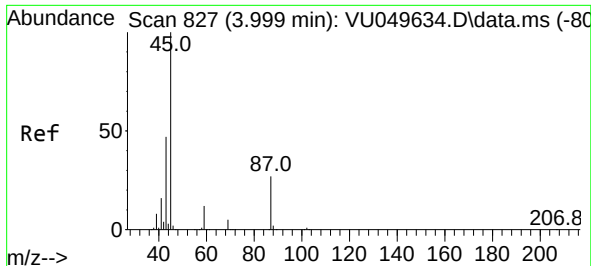
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#30
Carbon Tetrachloride
Concen: 0.551 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

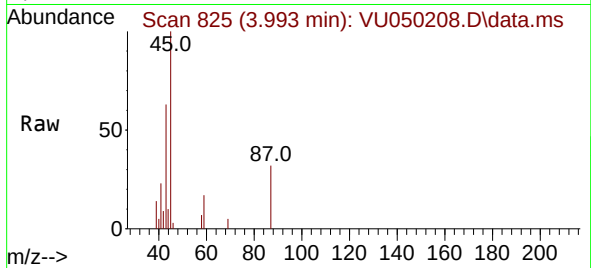
Tgt Ion:117 Resp: 5337
Ion Ratio Lower Upper
117 100
119 99.7 74.6 112.0
121 32.6 24.2 36.4





#31
Isopropyl Ether
Concen: 0.448 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.006 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

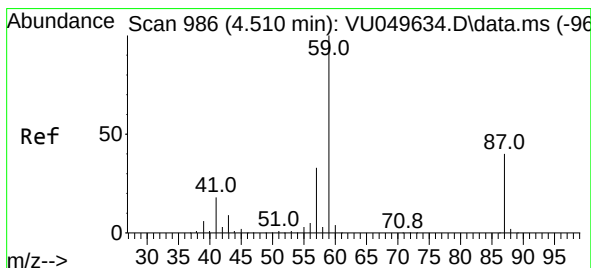
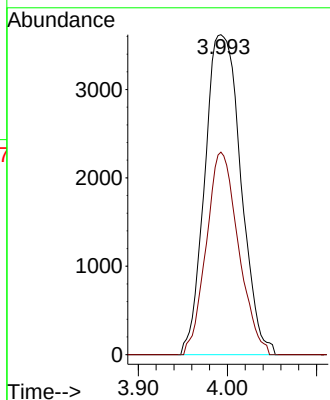
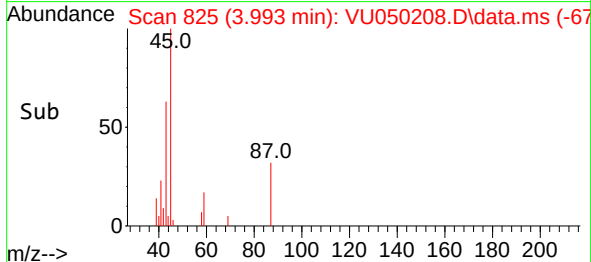
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



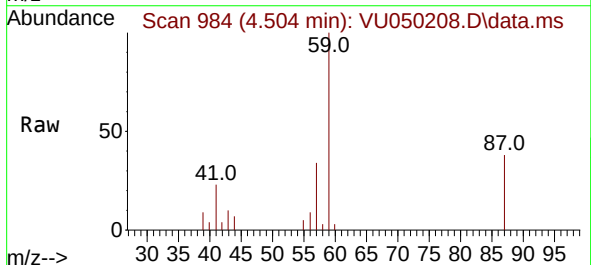
Tgt Ion: 45 Resp: 1016
Ion Ratio Lower Upper
45 100
43 56.7 23.8 71.2

Manual Integrations
APPROVED

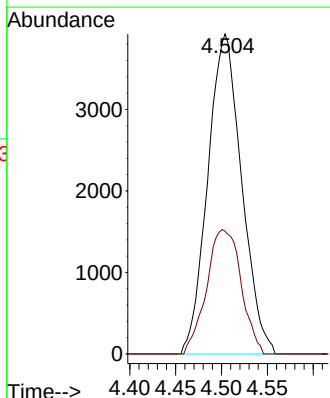
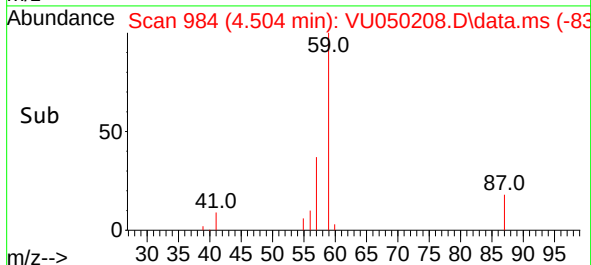
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

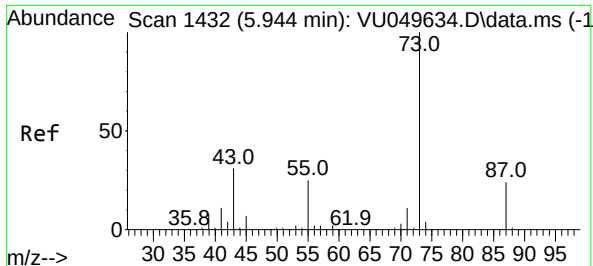


#32
Ethyl-t-butyl ether
Concen: 0.469 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



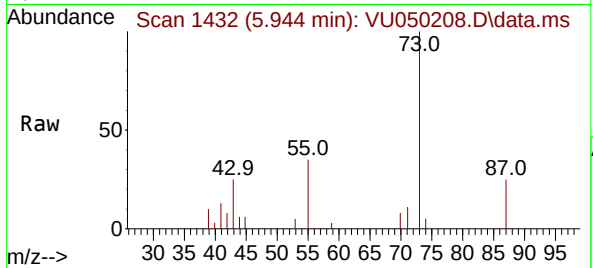
Tgt Ion: 59 Resp: 10088
Ion Ratio Lower Upper
59 100
87 39.6 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 0.450 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

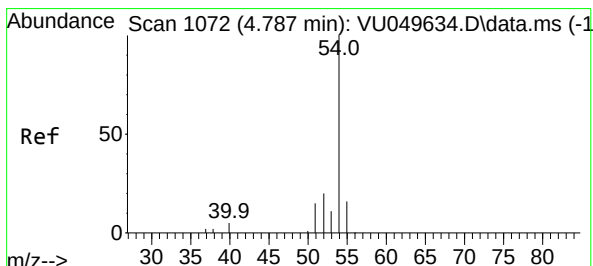
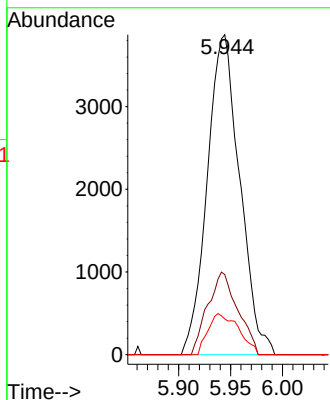
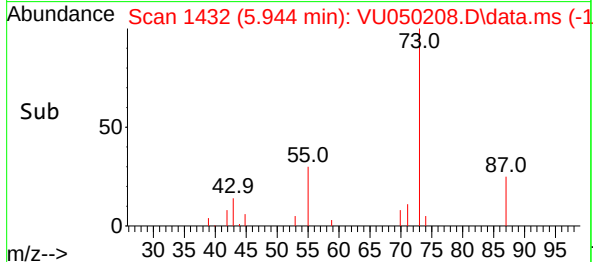
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



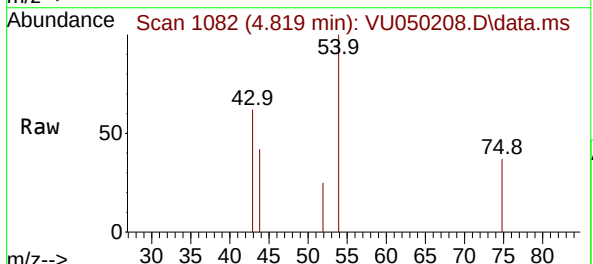
Tgt Ion: 73 Resp: 842
Ion Ratio Lower Upper
73 100
87 23.9 19.7 29.5
71 12.1 9.0 13.4

Manual Integrations
APPROVED

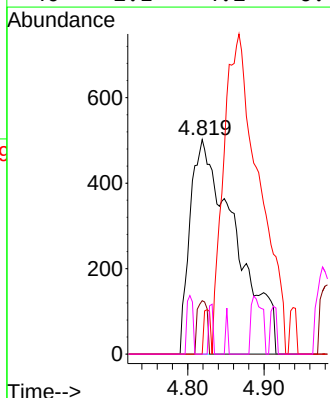
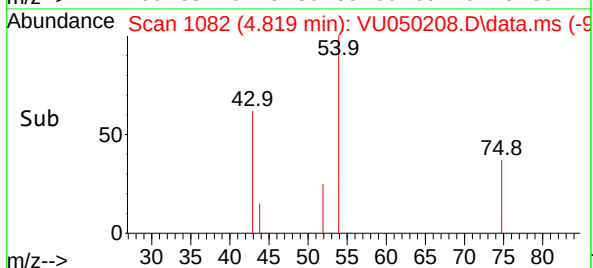
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

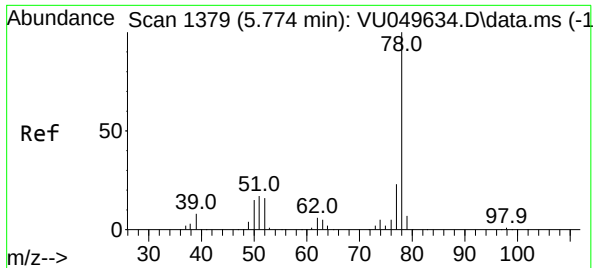


#34
Propionitrile
Concen: 3.288 ug/l m
RT: 4.819 min Scan# 1082
Delta R.T. 0.032 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



Tgt Ion: 54 Resp: 2068
Ion Ratio Lower Upper
54 100
52 5.4 15.0 22.6#
55 0.0 12.6 19.0#
40 2.1 4.2 6.4#





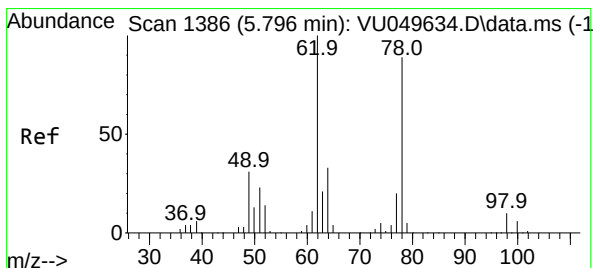
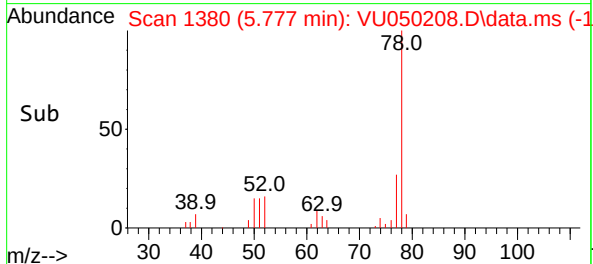
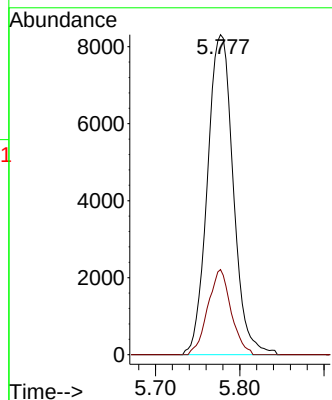
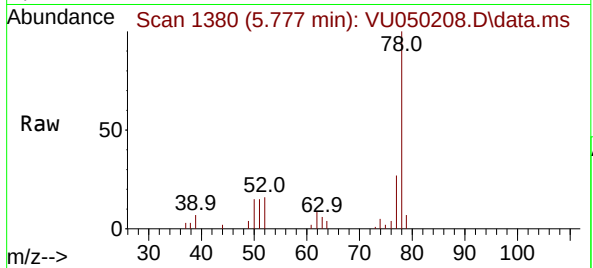
#35
Benzene
Concen: 0.605 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 78 Resp: 1770
Ion Ratio Lower Upper
78 100
77 26.6 18.6 28.0

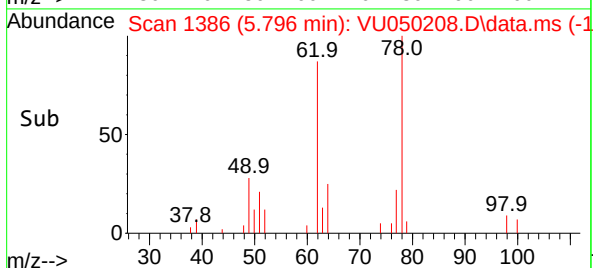
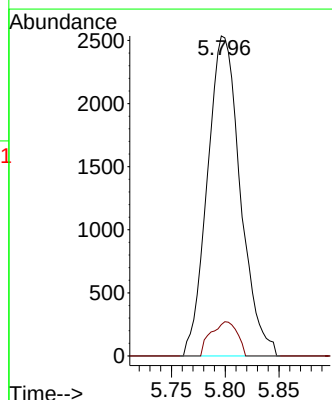
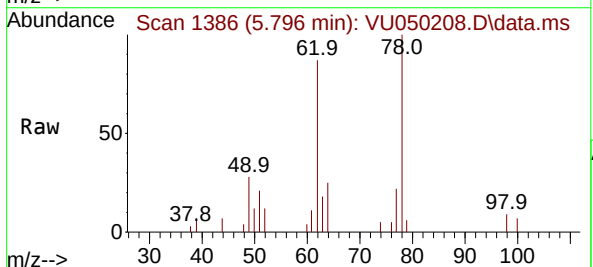
Manual Integrations
APPROVED

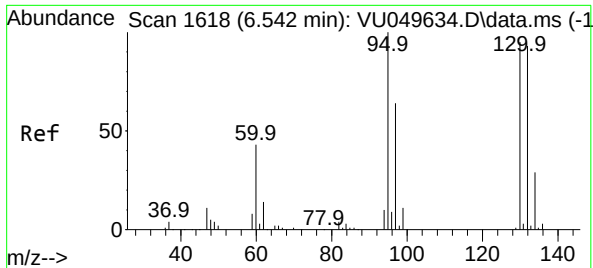
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#36
1,2-Dichloroethane
Concen: 0.650 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

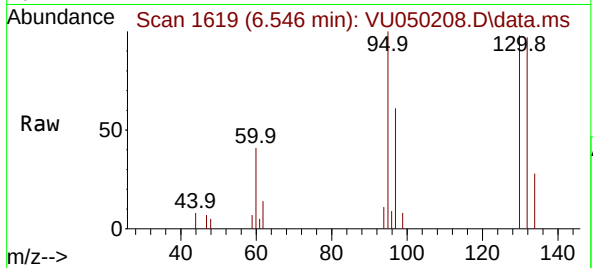
Tgt Ion: 62 Resp: 5410
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.0





#37
Trichloroethene
Concen: 0.603 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.004 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

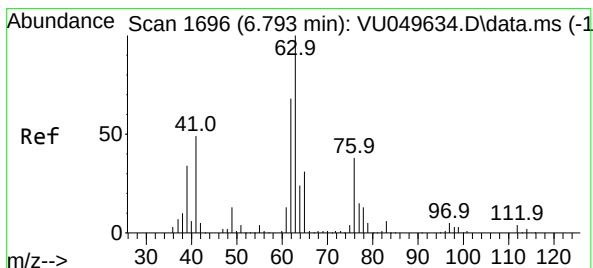
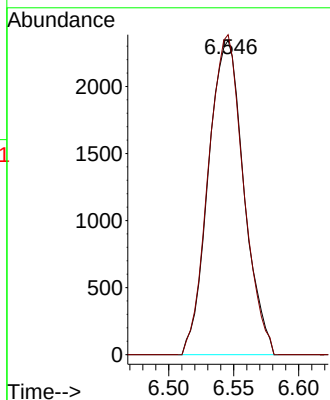
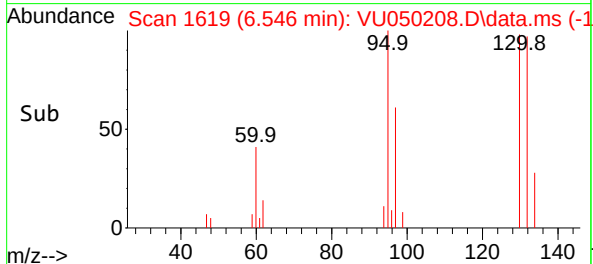
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



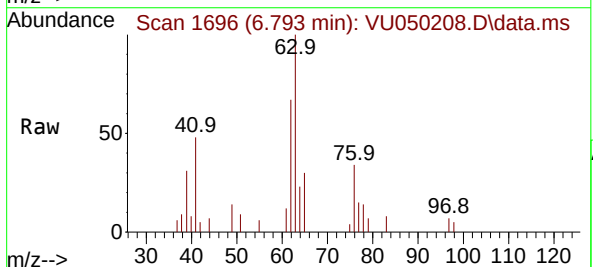
Tgt Ion:130 Resp: 445
Ion Ratio Lower Upper
130 100
95 101.8 83.8 125.8

Manual Integrations
APPROVED

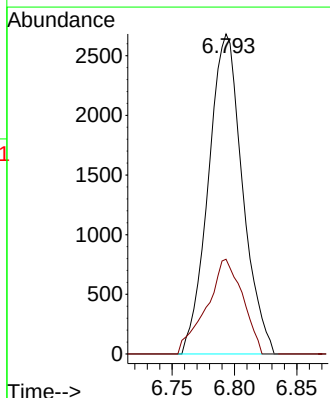
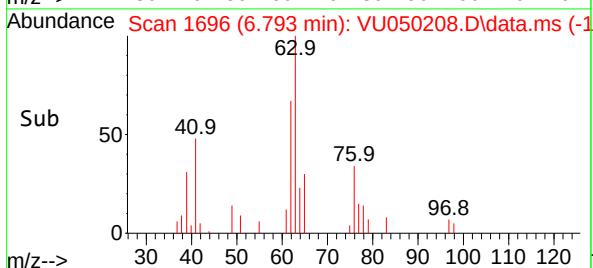
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

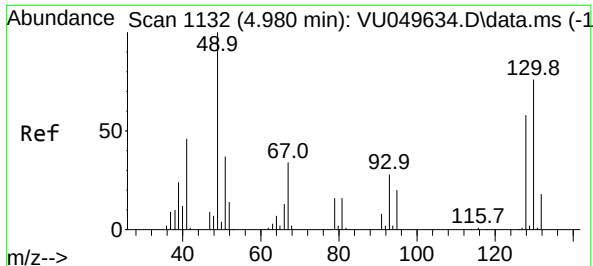


#38
1,2-Dichloropropane
Concen: 0.659 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



Tgt Ion: 63 Resp: 5104
Ion Ratio Lower Upper
63 100
65 29.6 25.0 37.4





#39

Methacrylonitrile

Concen: 0.467 ug/l m

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 1259

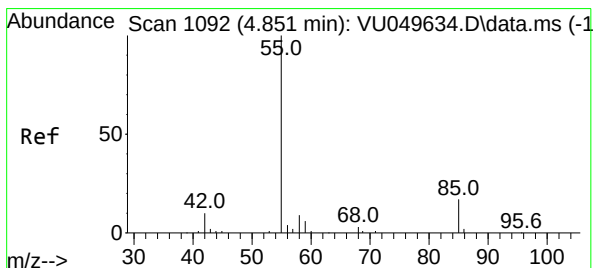
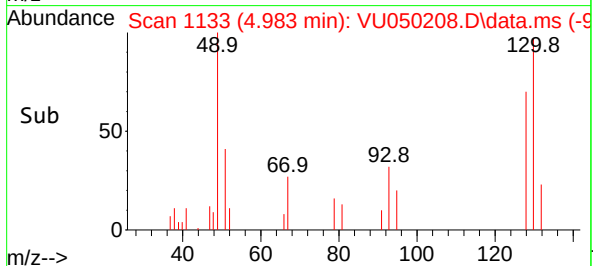
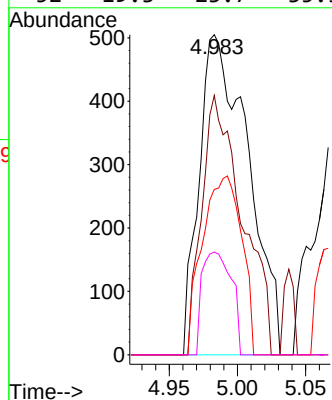
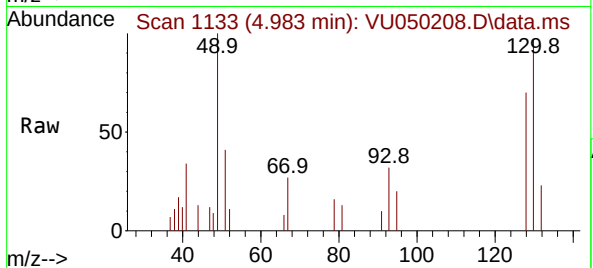
Ion	Ratio	Lower	Upper
41	100		
67	67.1	59.4	89.0
39	44.8	42.2	63.2
52	19.3	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Methyl acrylate

Concen: 0.568 ug/l

RT: 4.867 min Scan# 1097

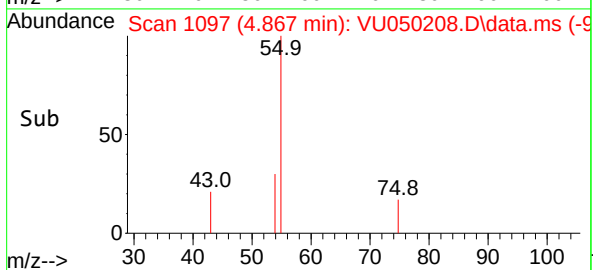
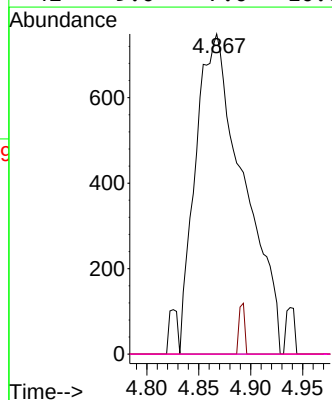
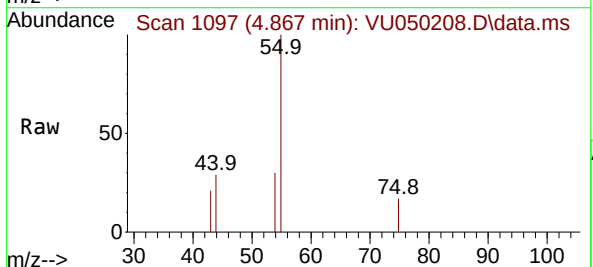
Delta R.T. 0.016 min

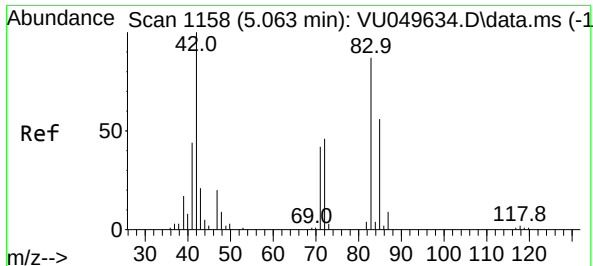
Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Tgt Ion: 55 Resp: 2397

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.5	20.3
58	0.0	7.0	10.4
42	9.0	7.0	10.6





#41

Tetrahydrofuran

Concen: 0.992 ug/l m

RT: 5.073 min Scan# 1158

Delta R.T. 0.010 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

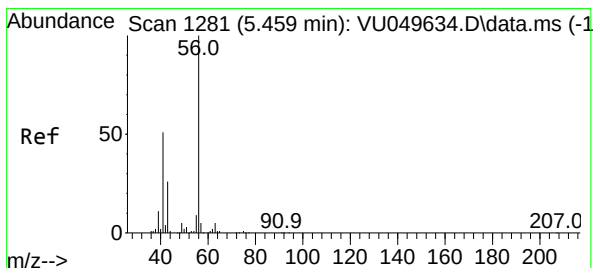
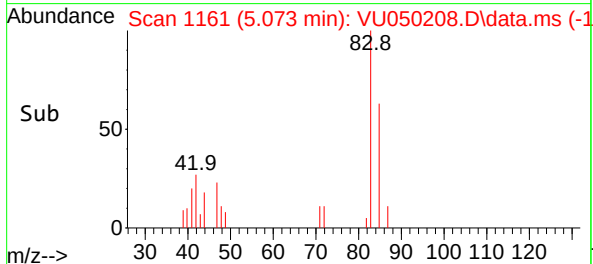
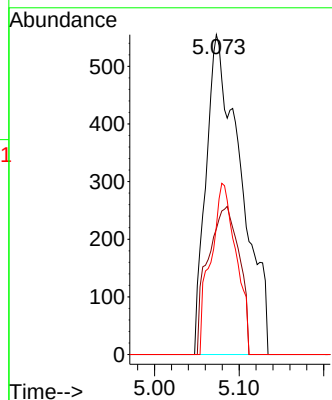
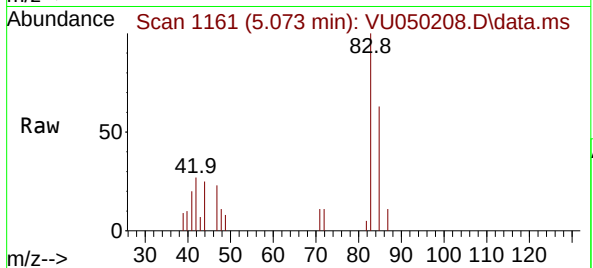
Tgt Ion: 42	Resp: 1580
Ion Ratio	Lower Upper
42	100
72	41.9 38.9 58.3
71	39.3 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#42

1-Chlorobutane

Concen: 0.489 ug/l

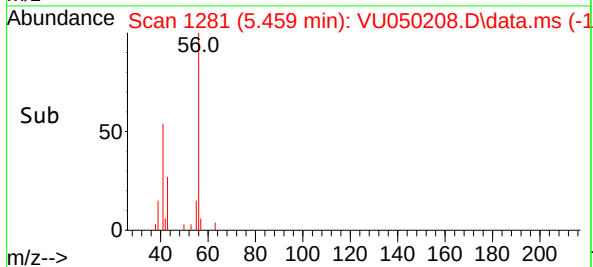
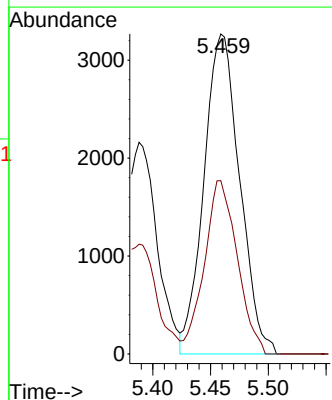
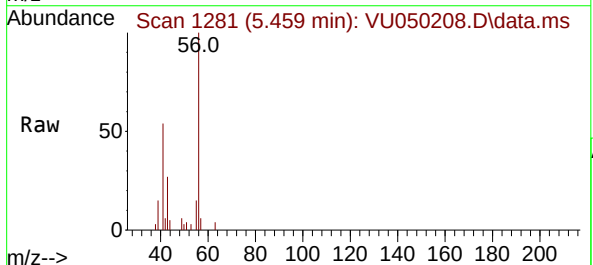
RT: 5.459 min Scan# 1281

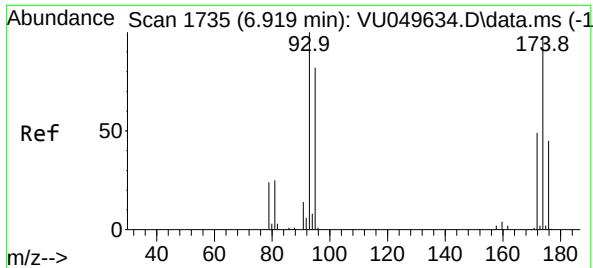
Delta R.T. 0.000 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

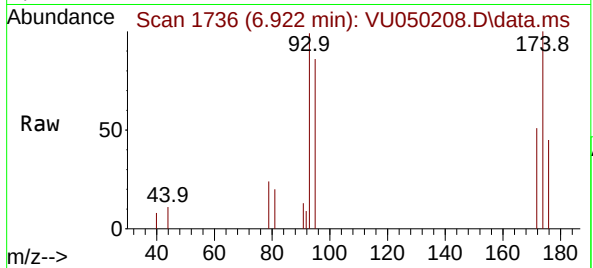
Tgt Ion: 56	Resp: 7034
Ion Ratio	Lower Upper
56	100
41	50.0 26.4 79.2





#43
Dibromomethane
Concen: 0.674 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

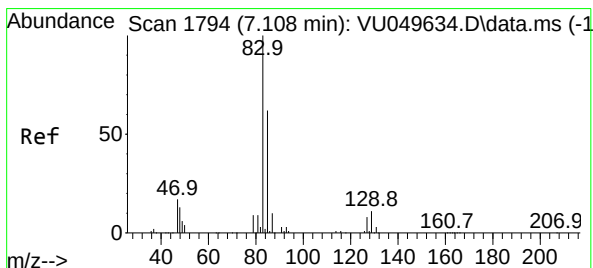
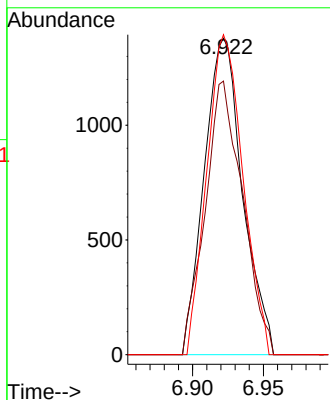
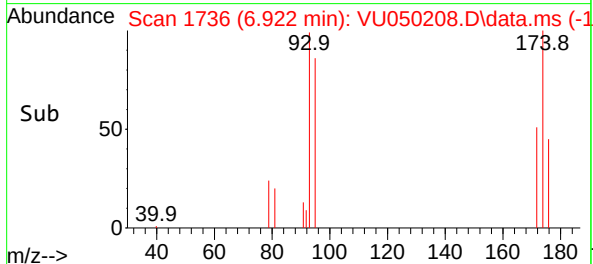


Tgt Ion: 93 Resp: 2600

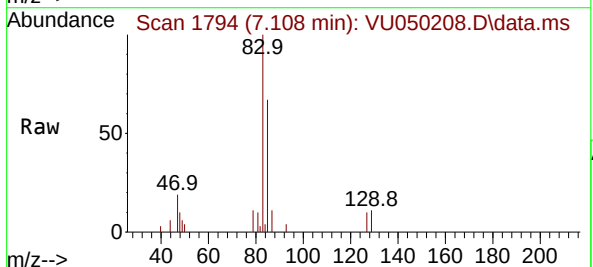
Ion	Ratio	Lower	Upper
93	100		
95	84.7	65.0	97.6
174	95.5	76.3	114.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

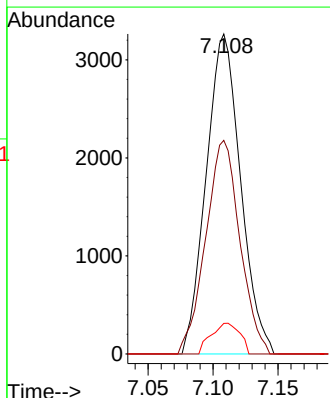
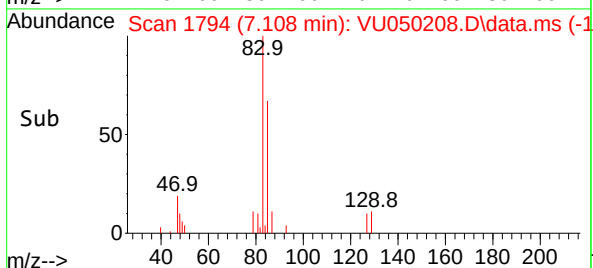


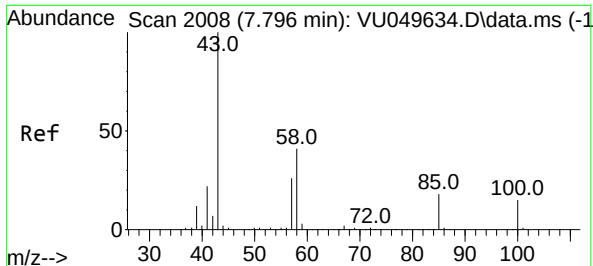
#44
Bromodichloromethane
Concen: 0.650 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



Tgt Ion: 83 Resp: 6008

Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.4	74.0
127	9.5	6.6	10.0





#45

4-Methyl-2-Pentanone

Concen: 2.576 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

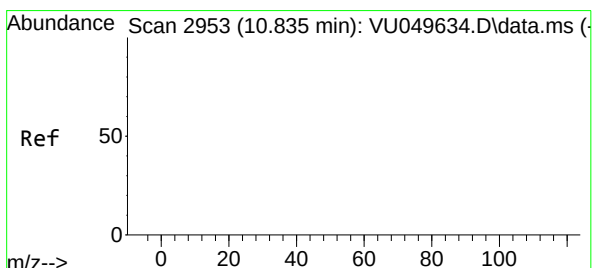
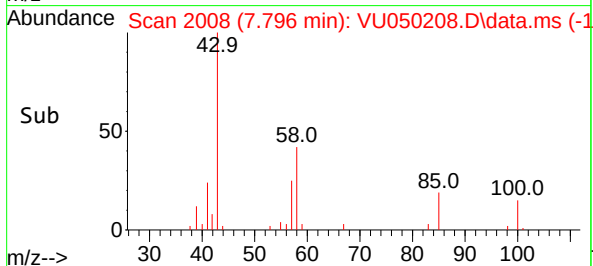
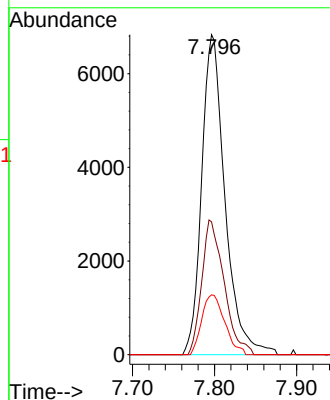
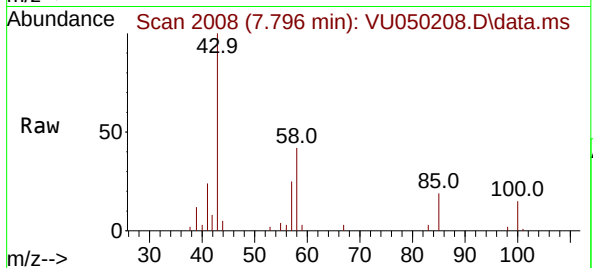
Tgt Ion: 43	Resp: 1349
Ion Ratio	Lower Upper
43 100	
58 40.2	20.3 61.0
85 18.4	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#46

t-1,4-Dichloro-2-butene

Concen: 1.252 ug/l m

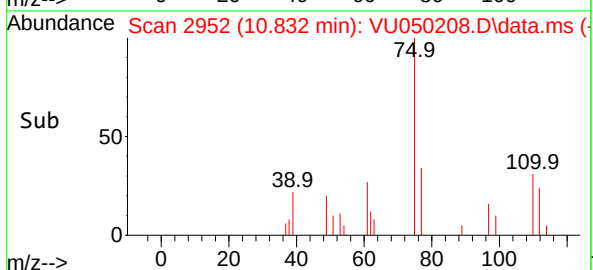
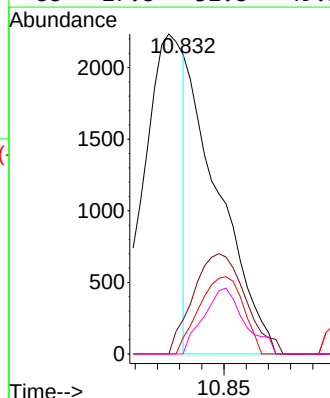
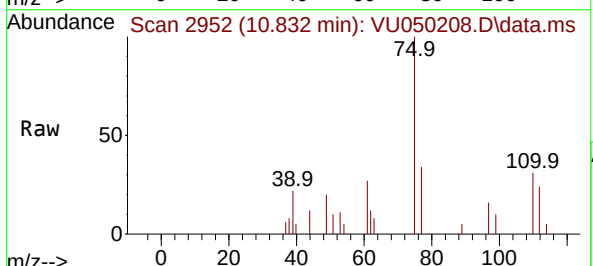
RT: 10.832 min Scan# 2952

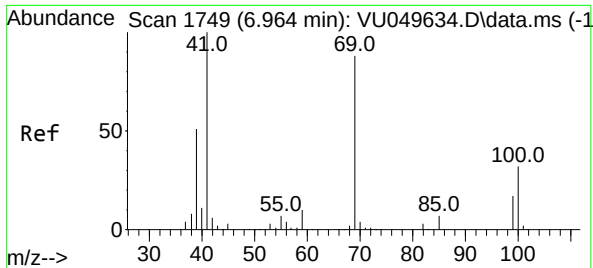
Delta R.T. -0.003 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Tgt Ion: 75	Resp: 2133
Ion Ratio	Lower Upper
75 100	
53 53.9	64.4 96.6#
89 35.0	44.2 66.2#
88 27.8	32.8 49.2#





#47

Methyl methacrylate

Concen: 0.987 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

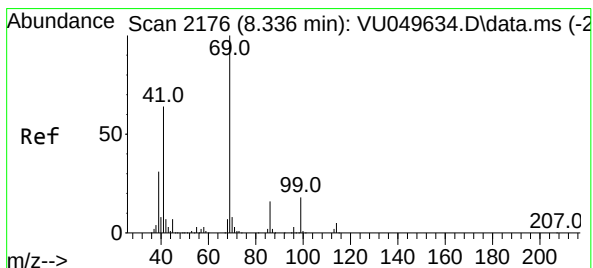
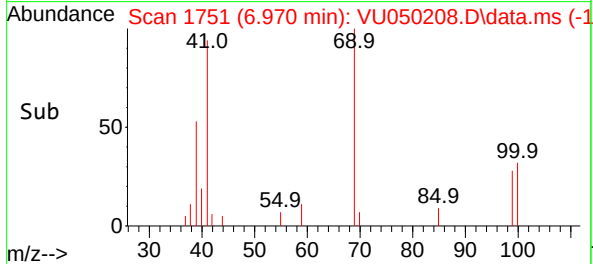
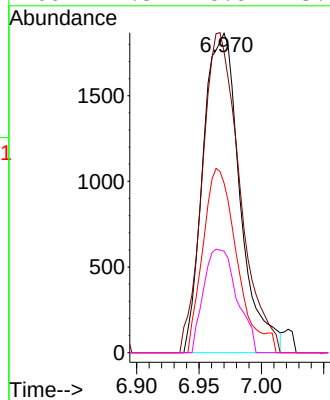
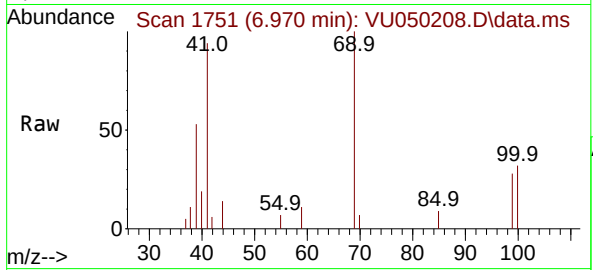
Tgt Ion:	69	Resp:	3839
Ion Ratio	Lower	Upper	
69	100		
41	101.5	0.0	225.4
39	53.3	45.8	68.8
100	29.3	28.8	43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#48

Ethyl methacrylate

Concen: 0.475 ug/l

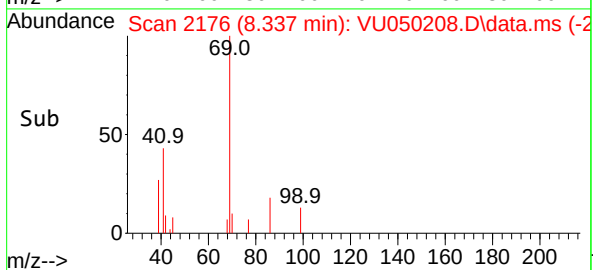
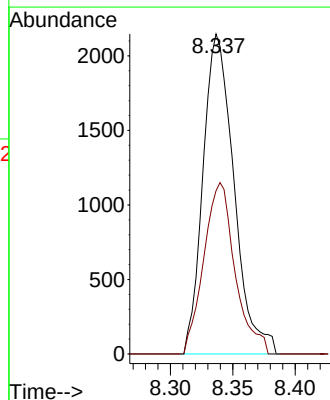
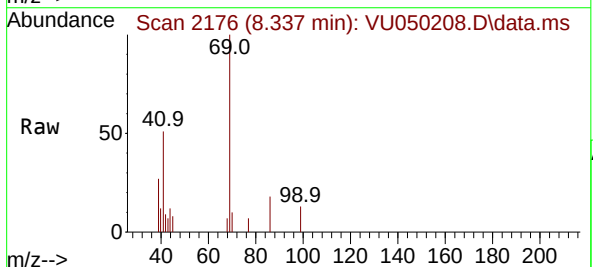
RT: 8.337 min Scan# 2176

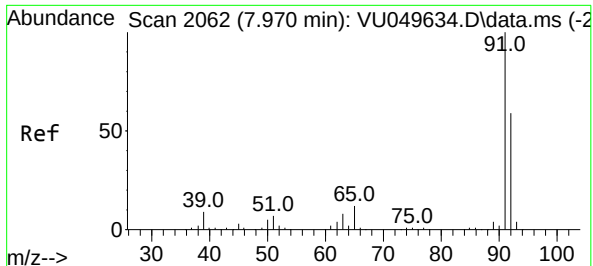
Delta R.T. 0.000 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Tgt Ion:	69	Resp:	3711
Ion Ratio	Lower	Upper	
69	100		
41	54.2	32.3	96.9





#49

Toluene

Concen: 0.516 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 92 Resp: 9209

Ion Ratio Lower Upper

92 100

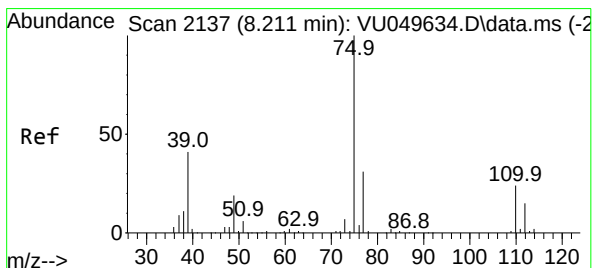
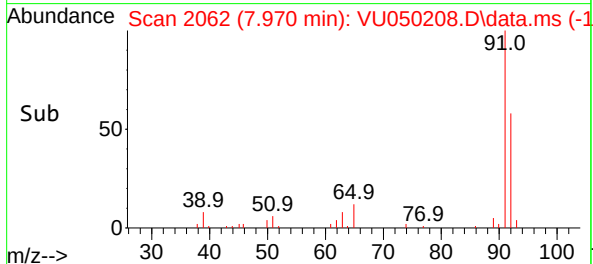
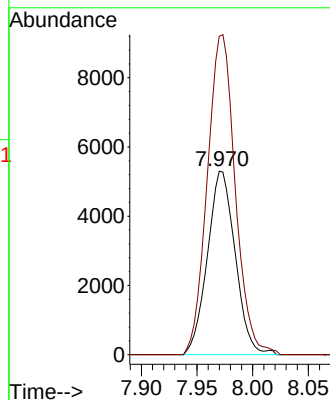
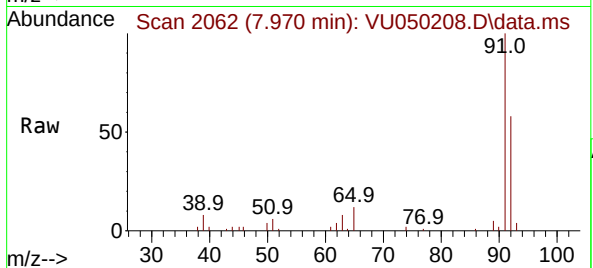
91 175.3 138.6 207.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#50

t-1,3-Dichloropropene

Concen: 0.566 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU050208.D

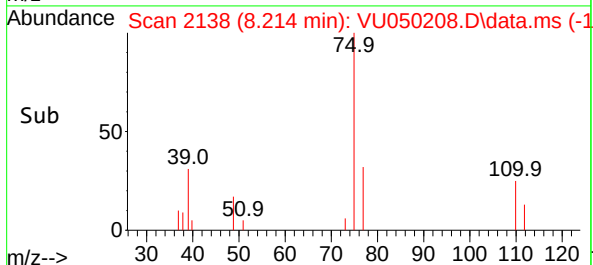
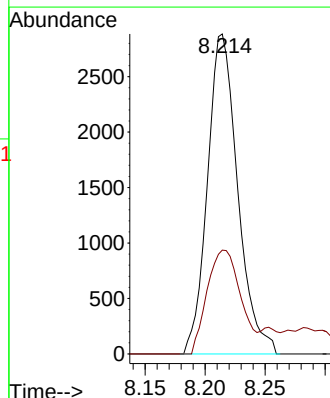
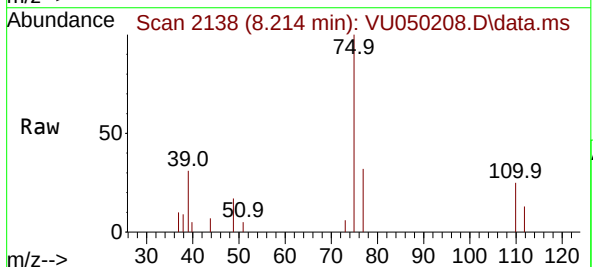
Acq: 10 Aug 2022 09:23

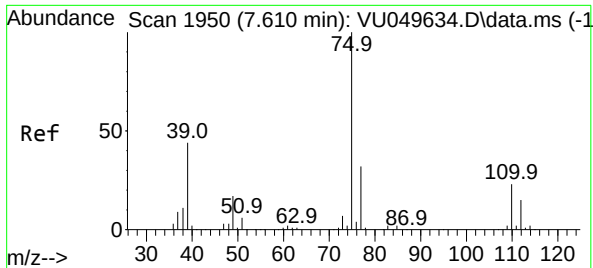
Tgt Ion: 75 Resp: 5055

Ion Ratio Lower Upper

75 100

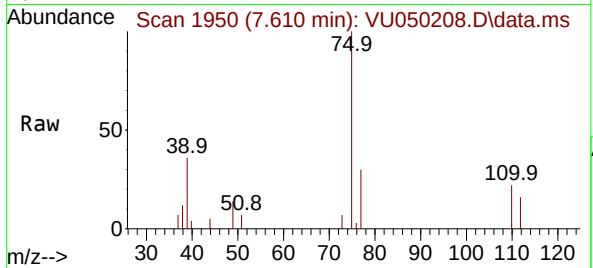
77 32.4 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 0.573 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23

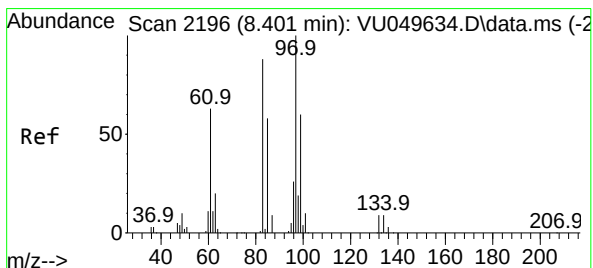
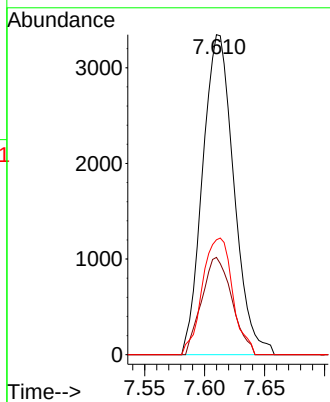
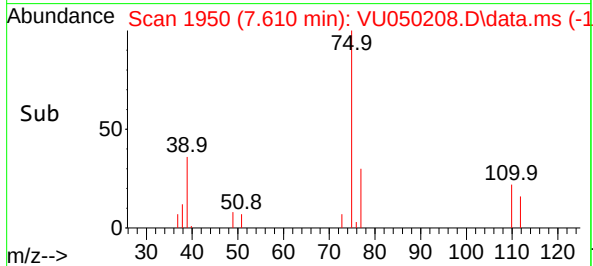
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



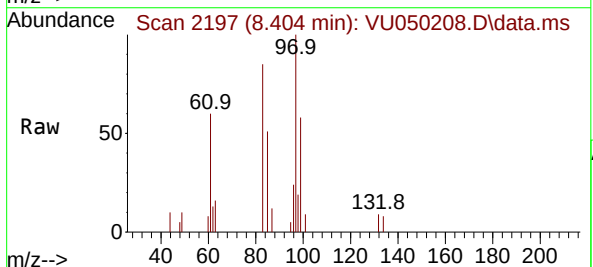
Tgt Ion: 75 Resp: 606
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0
 39 35.9 35.1 52.7

Manual Integrations
 APPROVED

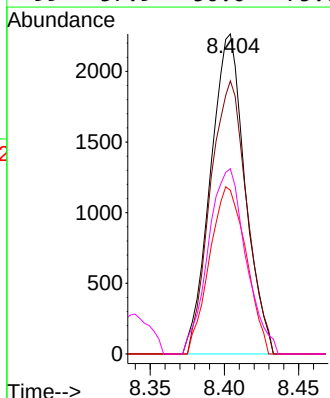
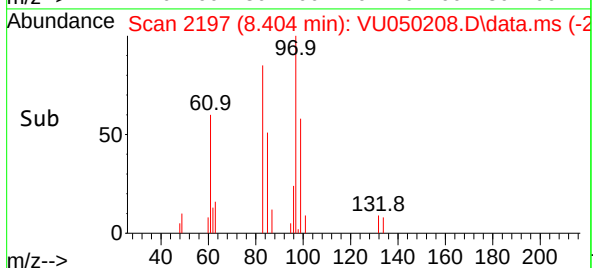
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

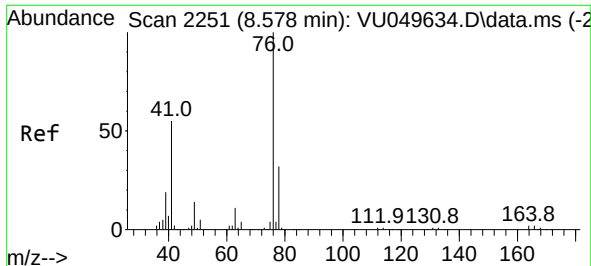


#52
 1,1,2-Trichloroethane
 Concen: 0.691 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.003 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23



Tgt Ion: 97 Resp: 3679
 Ion Ratio Lower Upper
 97 100
 83 85.3 70.6 106.0
 85 51.1 46.2 69.4
 99 57.9 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.636 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 76 Resp: 6070

Ion Ratio Lower Upper

76 100

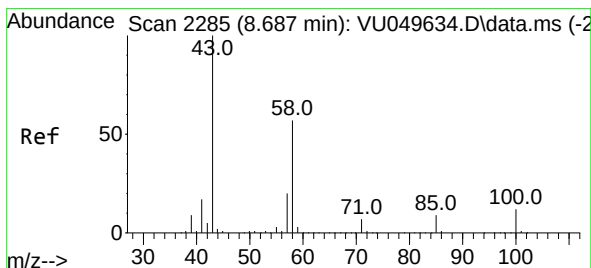
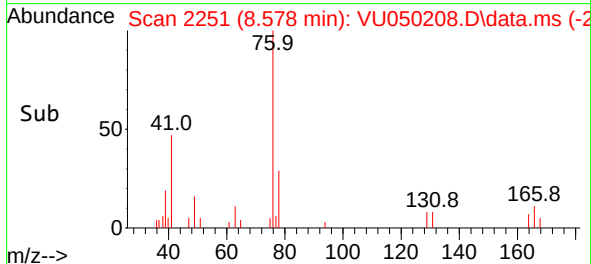
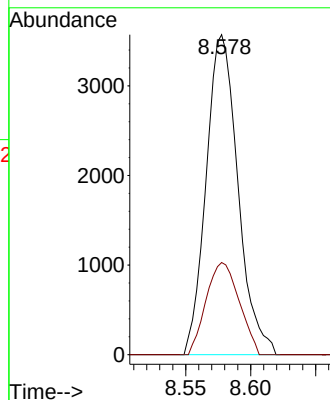
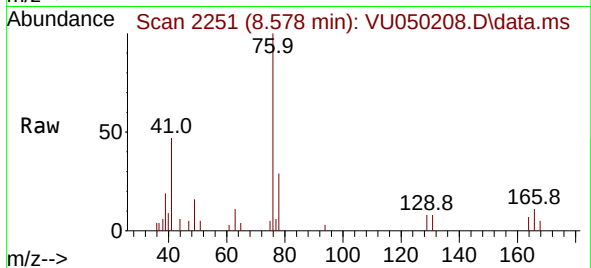
78 29.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#54

2-Hexanone

Concen: 2.706 ug/l

RT: 8.693 min Scan# 2287

Delta R.T. 0.006 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

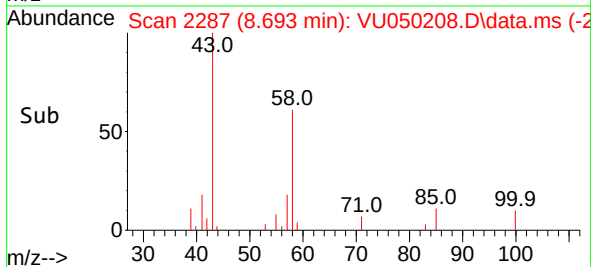
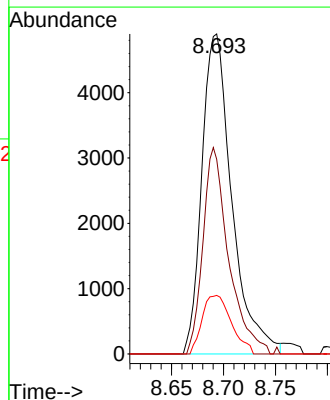
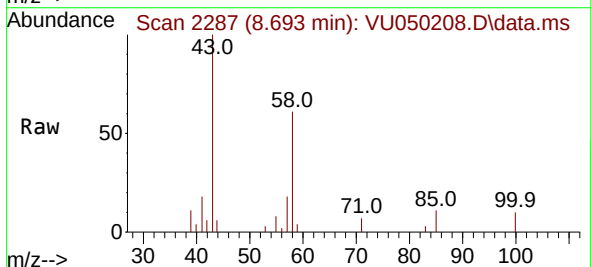
Tgt Ion: 43 Resp: 9842

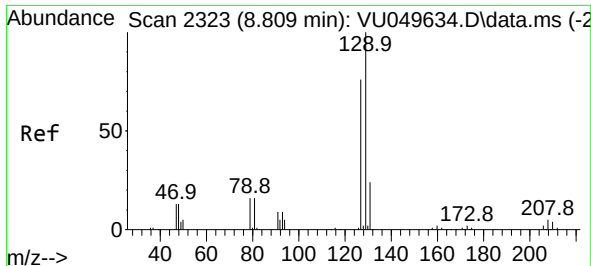
Ion Ratio Lower Upper

43 100

58 55.3 37.1 77.1

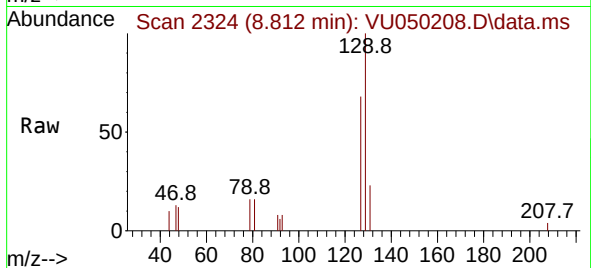
57 17.8 0.0 39.5





#55
 Dibromochloromethane
 Concen: 0.708 ug/l
 RT: 8.812 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23

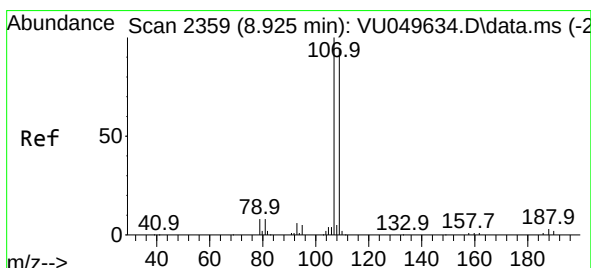
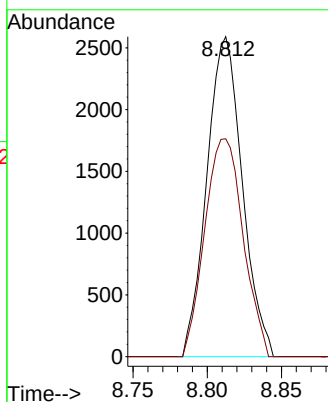
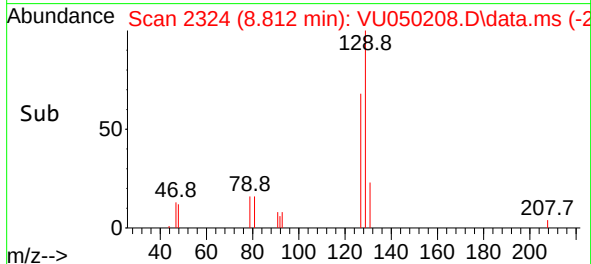
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



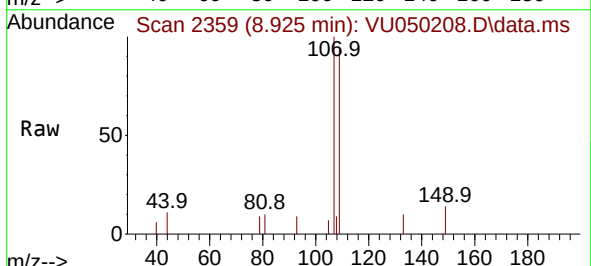
Tgt Ion:129 Resp: 430
 Ion Ratio Lower Upper
 129 100
 127 73.6 61.2 91.8

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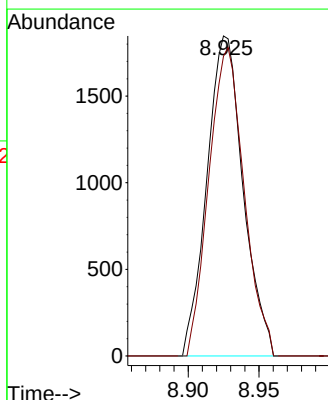
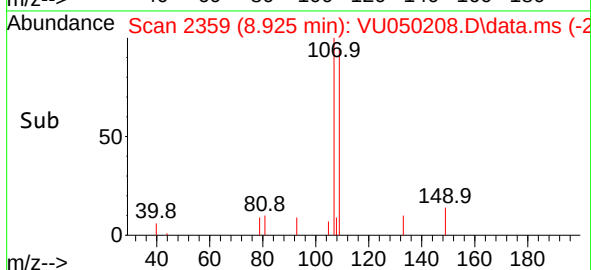
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

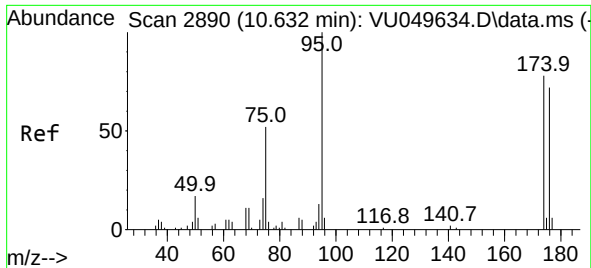


#56
 1,2-Dibromoethane
 Concen: 0.638 ug/l
 RT: 8.925 min Scan# 2359
 Delta R.T. 0.000 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23



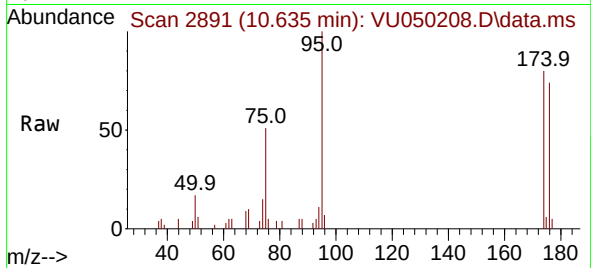
Tgt Ion:107 Resp: 3291
 Ion Ratio Lower Upper
 107 100
 109 93.6 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.946 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

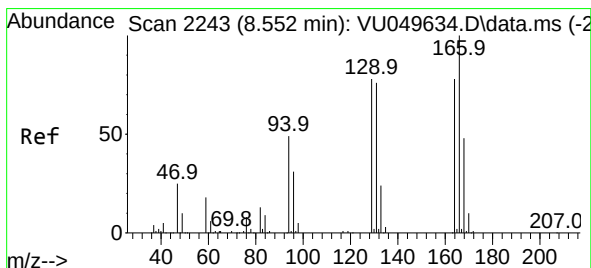
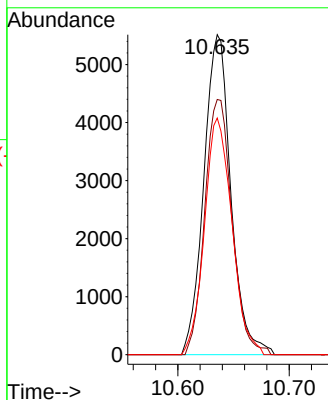
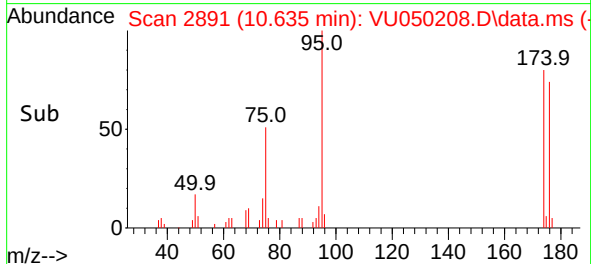
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



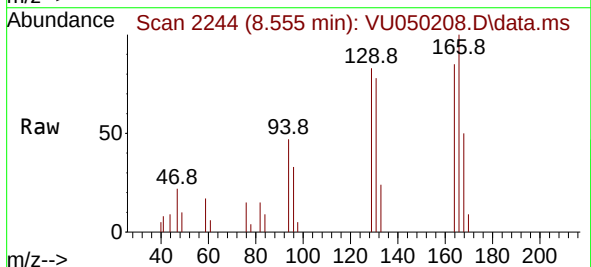
Tgt Ion: 95 Resp: 9320
Ion Ratio Lower Upper
95 100
174 80.4 62.4 93.6
176 75.2 56.2 84.2

Manual Integrations
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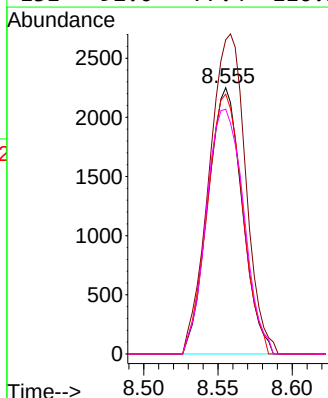
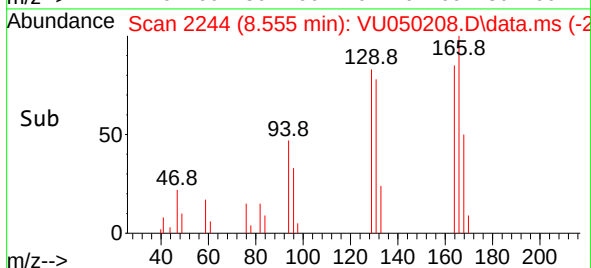
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

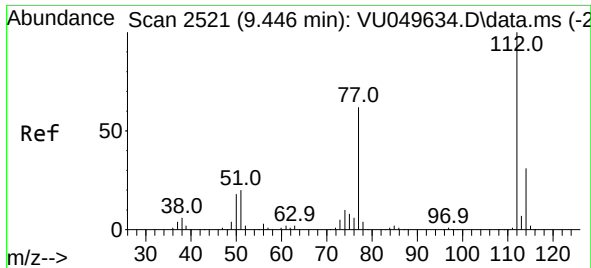


#58
Tetrachloroethene
Concen: 0.590 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



Tgt Ion:164 Resp: 3625
Ion Ratio Lower Upper
164 100
166 118.0 102.4 153.6
129 97.6 79.5 119.3
131 92.0 77.4 116.2





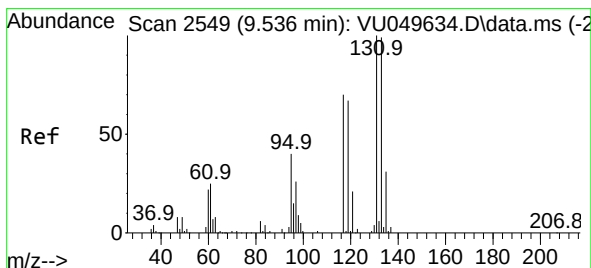
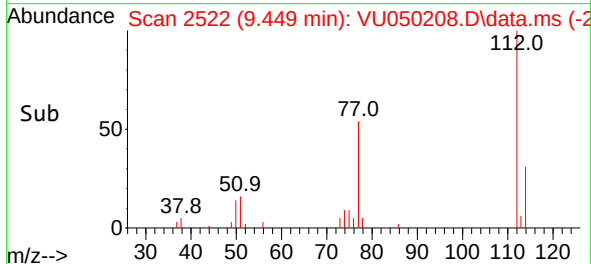
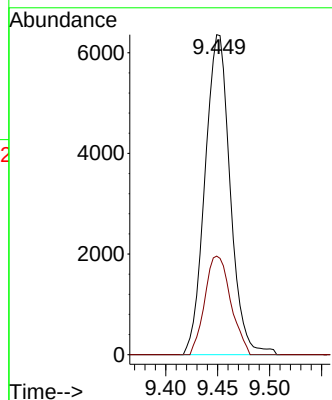
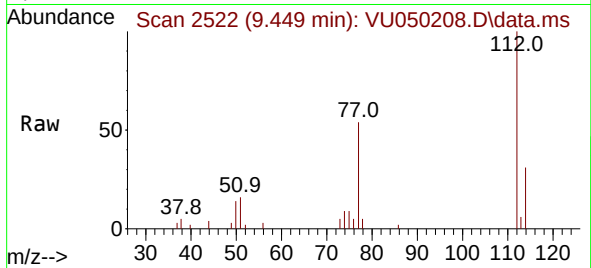
#59
Chlorobenzene
Concen: 0.574 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 1072
Ion Ratio Lower Upper
112 100
114 30.8 24.9 37.3

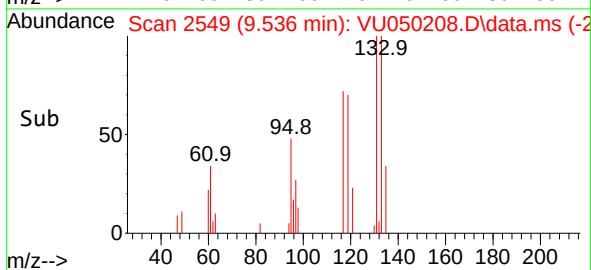
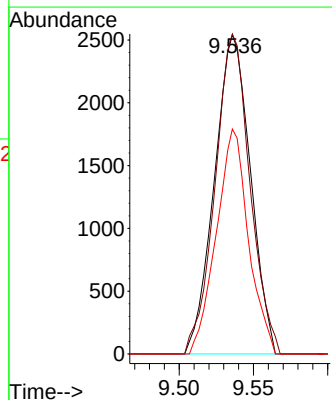
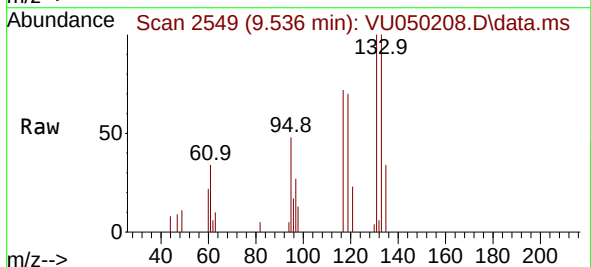
Manual Integrations
APPROVED

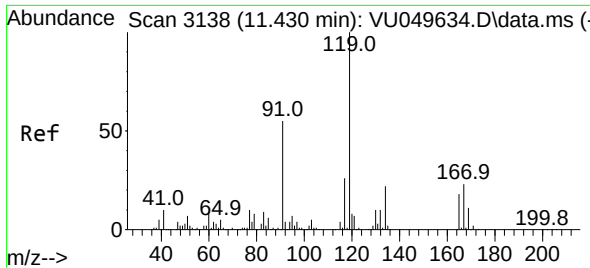
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 0.643 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Tgt Ion:131 Resp: 4273
Ion Ratio Lower Upper
131 100
133 97.3 78.3 117.5
119 63.0 53.2 79.8





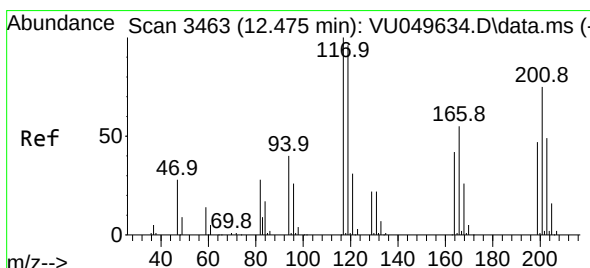
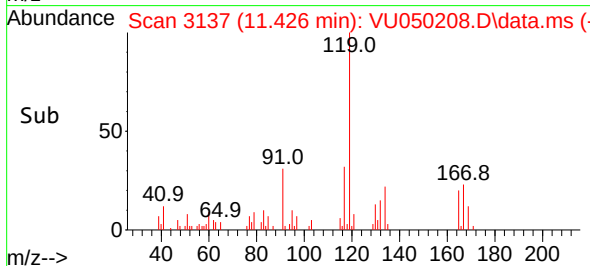
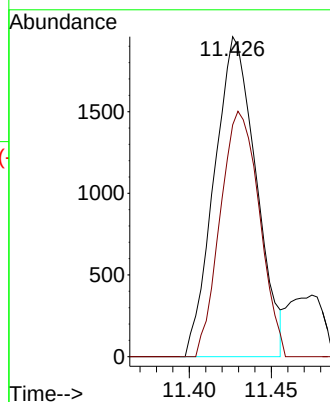
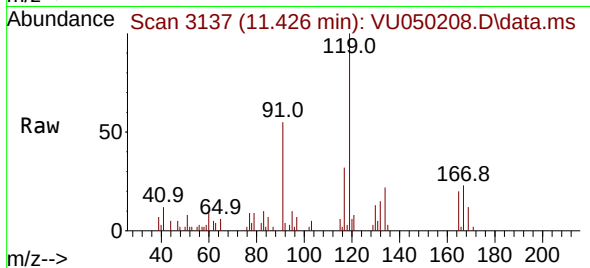
#61
 Pentachloroethane
 Concen: 0.679 ug/l
 RT: 11.426 min Scan# 3138
 Delta R.T. -0.003 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:117 Resp: 346
 Ion Ratio Lower Upper
 117 100
 167 71.7 66.2 99.4

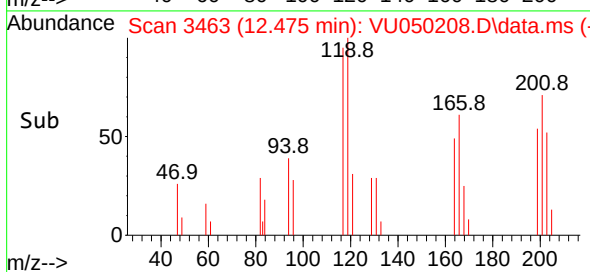
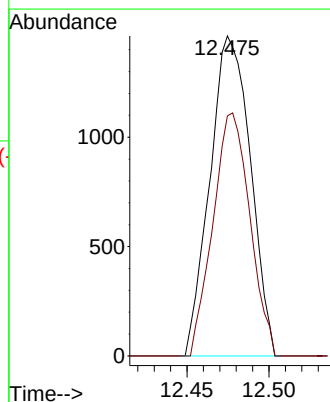
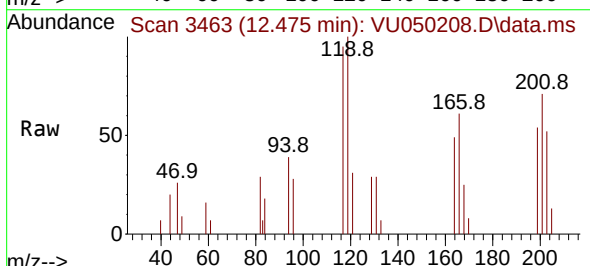
Manual Integrations
 APPROVED

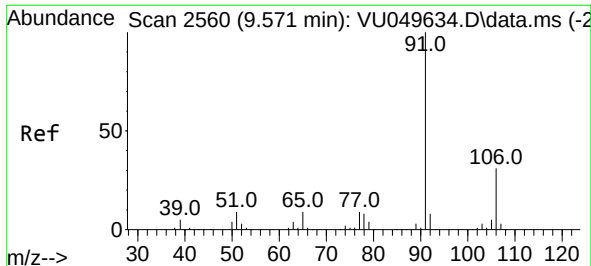
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#62
 Hexachloroethane
 Concen: 0.491 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23

Tgt Ion:117 Resp: 2511
 Ion Ratio Lower Upper
 117 100
 201 69.2 61.0 91.4





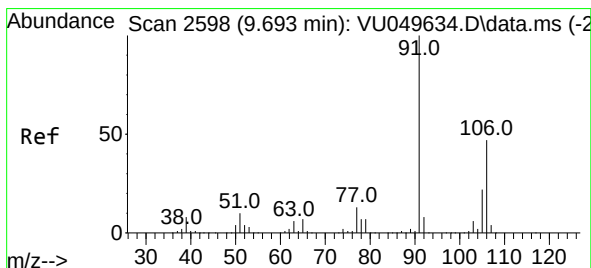
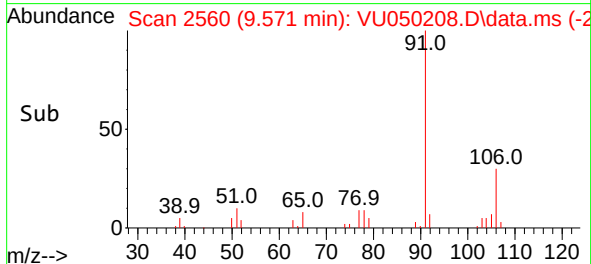
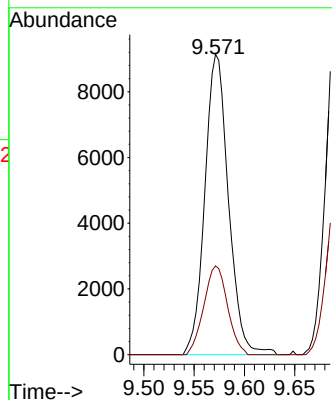
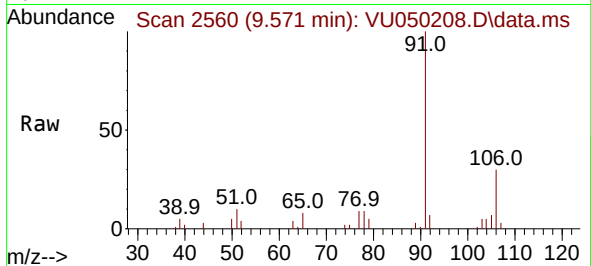
#63
Ethyl Benzene
Concen: 0.445 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 14958
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6

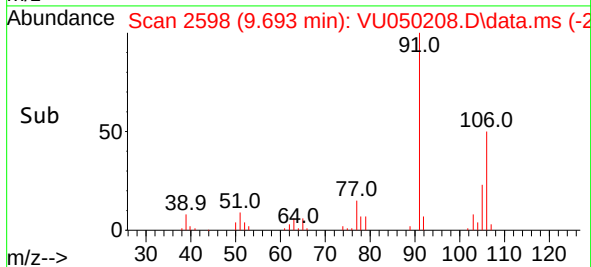
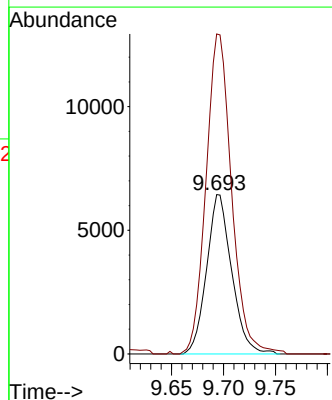
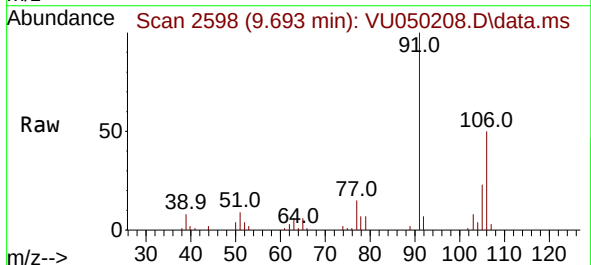
Manual Integrations
APPROVED

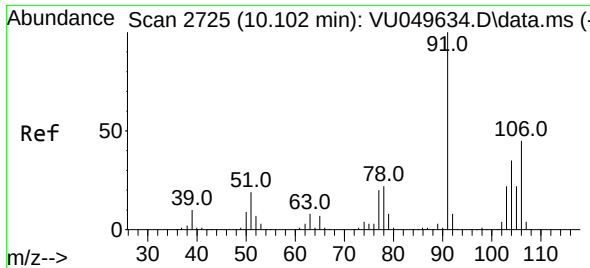
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#64
m/p-Xylenes
Concen: 0.868 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Tgt Ion:106 Resp: 10802
Ion Ratio Lower Upper
106 100
91 204.8 167.8 251.6





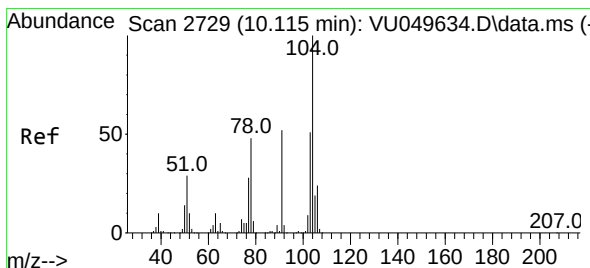
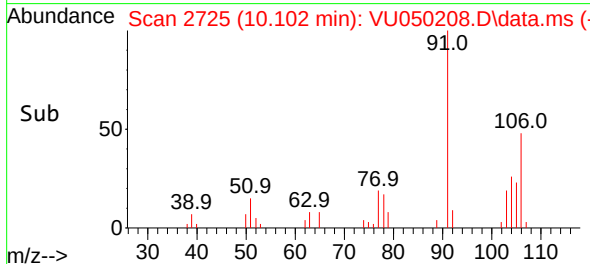
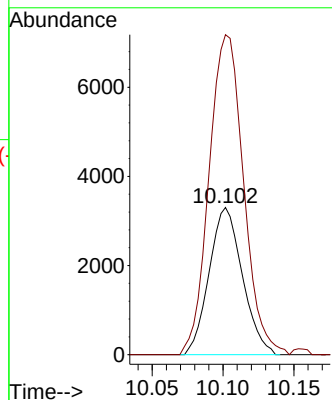
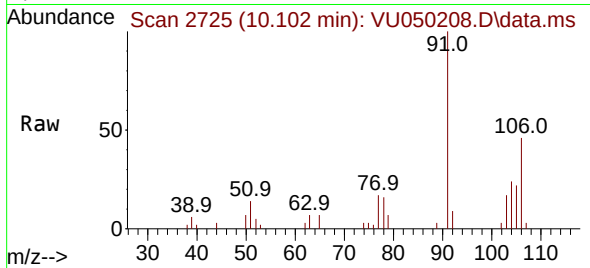
#65
o-Xylene
Concen: 0.441 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:106 Resp: 539
Ion Ratio Lower Upper
106 100
91 225.7 111.1 333.2

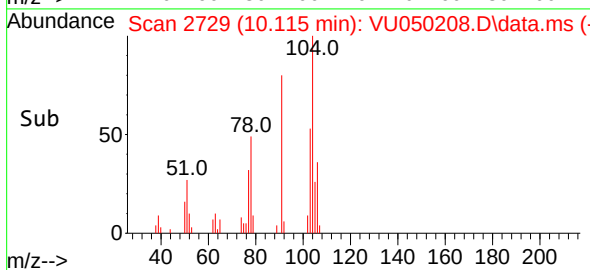
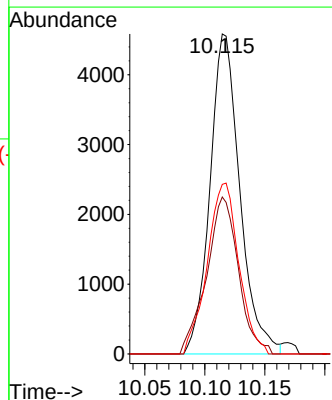
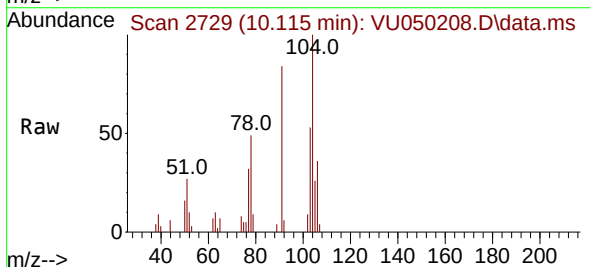
Manual Integrations
APPROVED

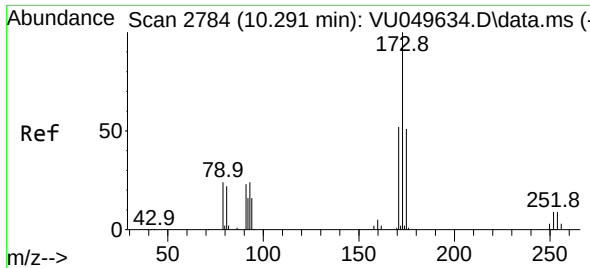
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#66
Styrene
Concen: 0.404 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

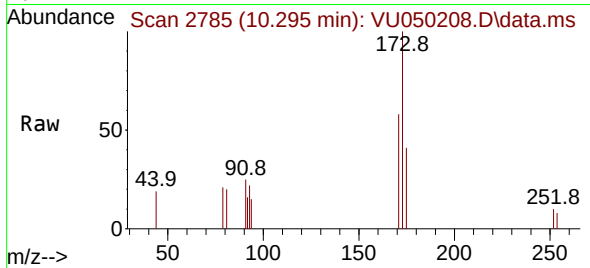
Tgt Ion:104 Resp: 7945
Ion Ratio Lower Upper
104 100
78 52.3 42.1 63.1
103 56.3 44.5 66.7





#67
Bromoform
Concen: 0.695 ug/l
RT: 10.295 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

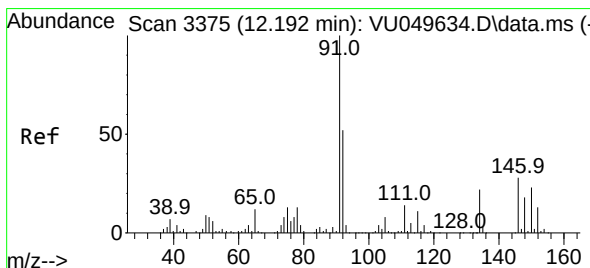
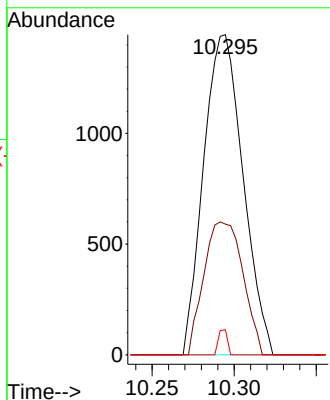
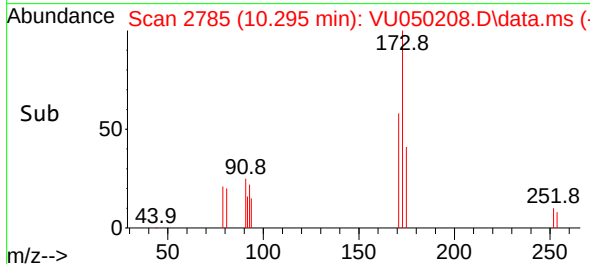
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



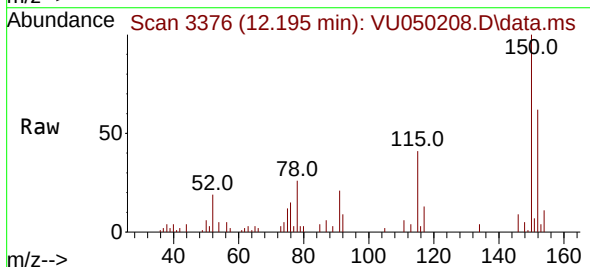
Tgt Ion:173 Resp: 241
Ion Ratio Lower Upper
173 100
175 41.1 38.4 57.6
254 1.8 7.7 11.5

Manual Integrations
APPROVED

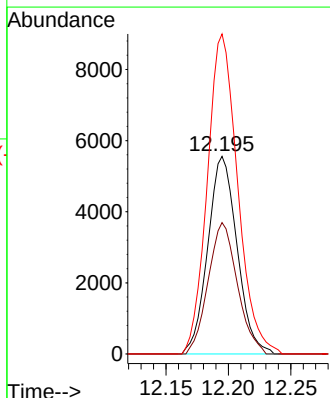
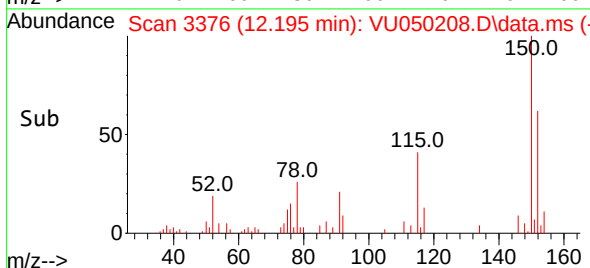
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

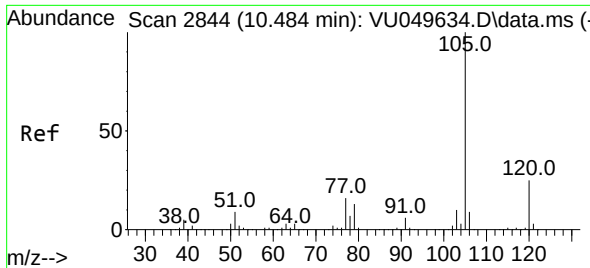


#68
1,2-Dichlorobenzene-d4
Concen: 1.002 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



Tgt Ion:152 Resp: 9088
Ion Ratio Lower Upper
152 100
115 66.3 0.0 254.6
150 168.1 0.0 623.6





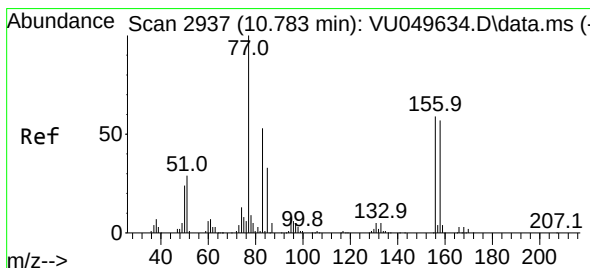
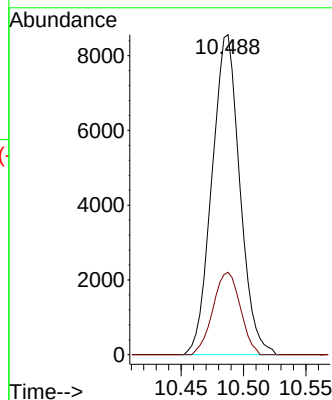
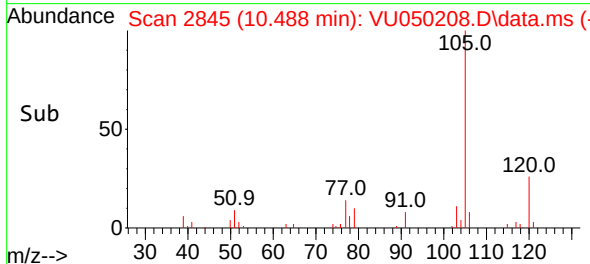
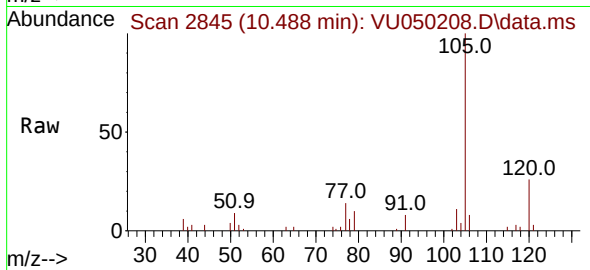
#69
Isopropylbenzene
Concen: 0.409 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 1334
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8

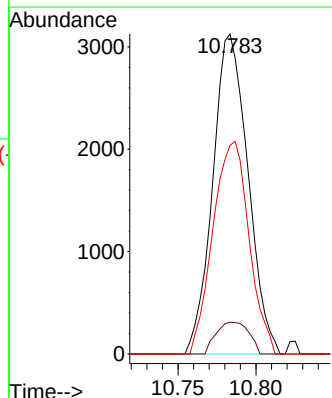
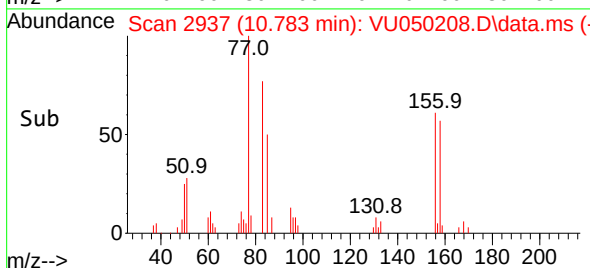
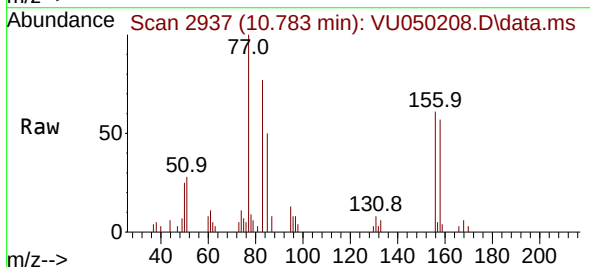
Manual Integrations
APPROVED

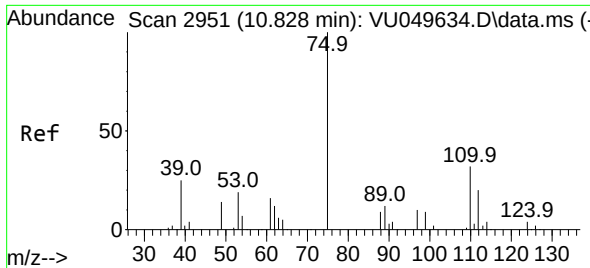
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.710 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

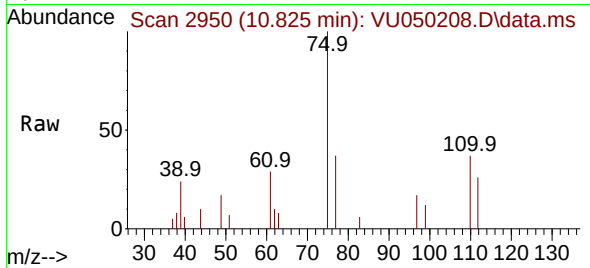
Tgt Ion: 83 Resp: 4911
Ion Ratio Lower Upper
83 100
131 9.2 7.7 11.5
85 68.1 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 0.647 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

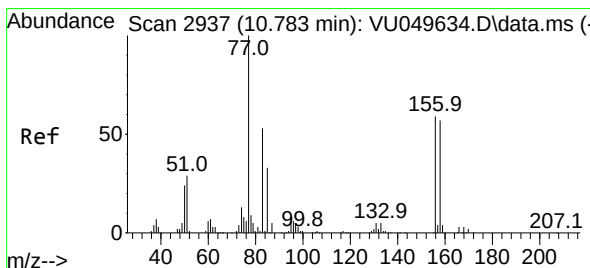
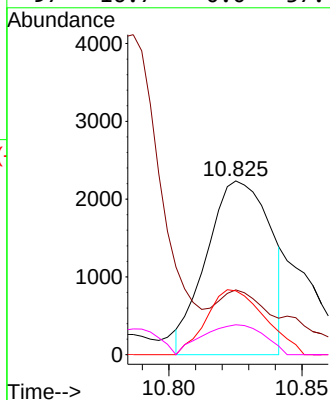
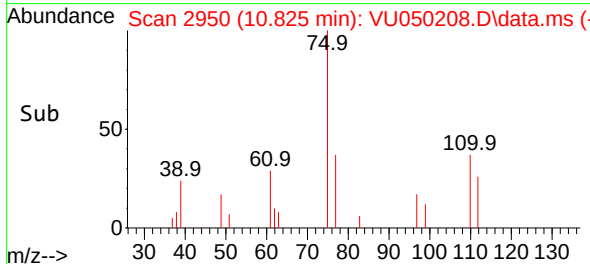
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



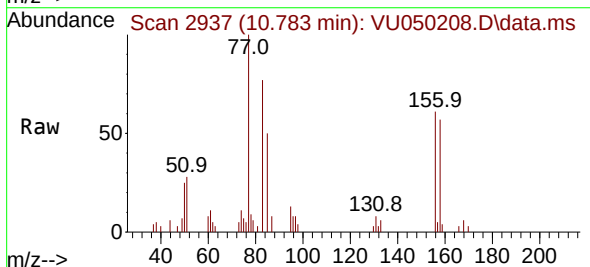
Tgt Ion:	75	Resp:	3708
Ion Ratio	Lower	Upper	
75	100		
77	40.7	0.0	112.4
110	34.4	0.0	70.6
97	16.7	0.0	37.4

Manual Integrations
APPROVED

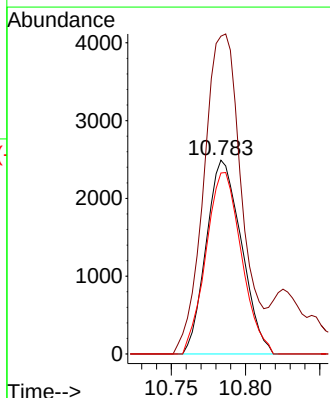
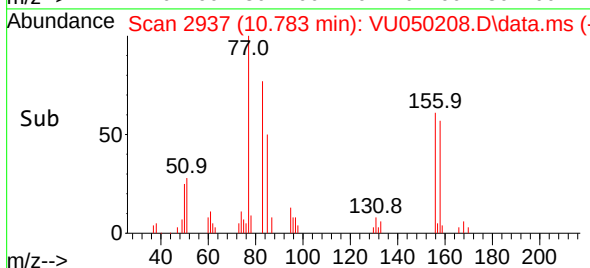
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

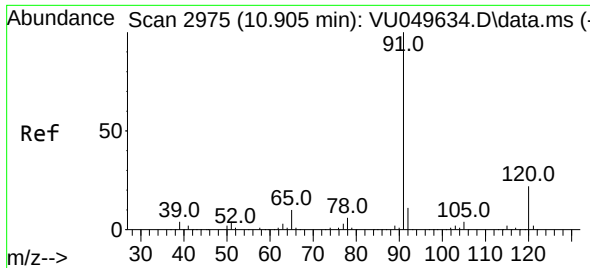


#72
Bromobenzene
Concen: 0.559 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



Tgt Ion:	156	Resp:	4113
Ion Ratio	Lower	Upper	
156	100		
77	175.9	0.0	344.4
158	94.4	0.0	192.2





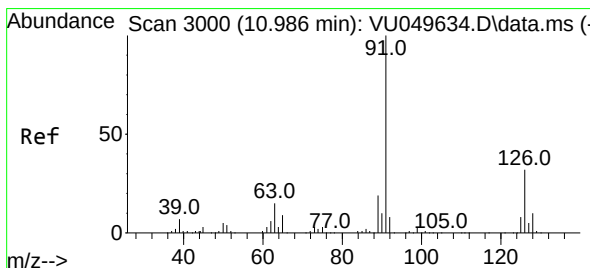
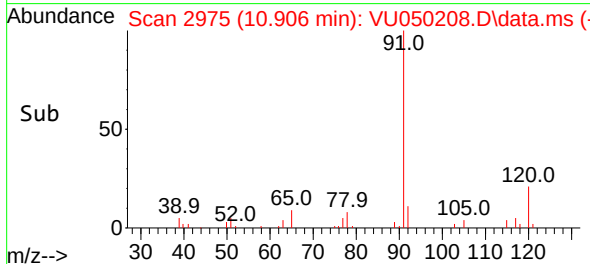
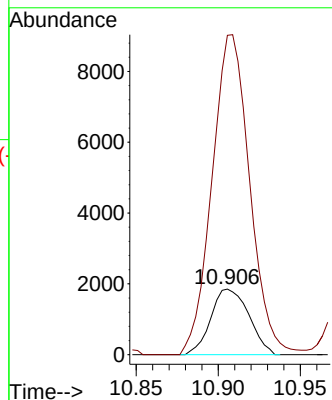
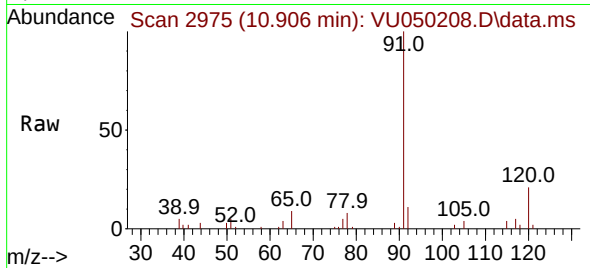
#73
n-propylbenzene
Concen: 0.362 ug/l
RT: 10.906 min Scan# 2984
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:120 Resp: 2984
Ion Ratio Lower Upper
120 100
91 484.1 367.8 551.6

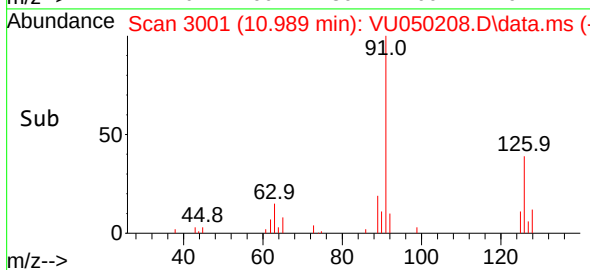
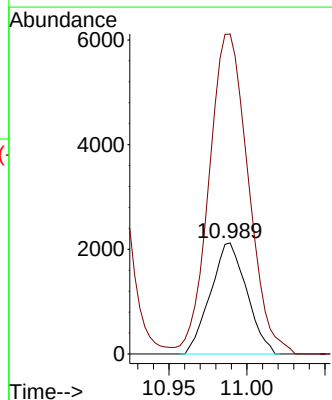
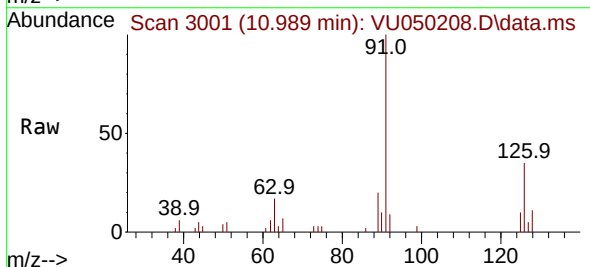
Manual Integrations
APPROVED

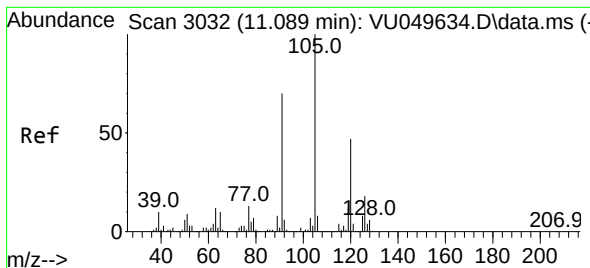
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#74
2-Chlorotoluene
Concen: 0.466 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Tgt Ion:126 Resp: 3426
Ion Ratio Lower Upper
126 100
91 312.2 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 0.374 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 10214

Ion Ratio Lower Upper

105 100

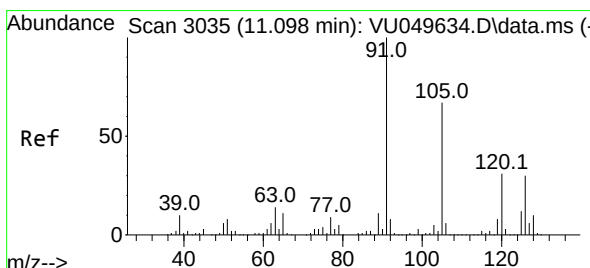
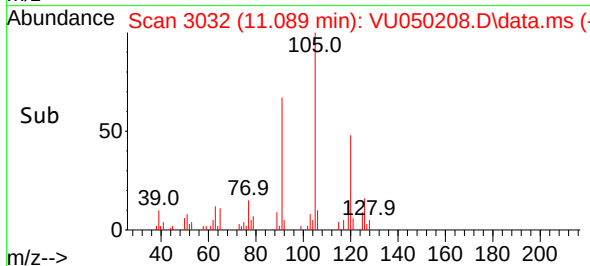
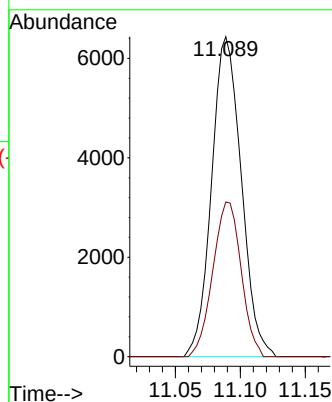
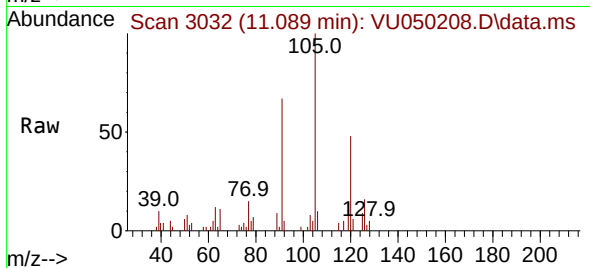
120 46.1 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#76

4-Chlorotoluene

Concen: 0.414 ug/l

RT: 11.102 min Scan# 3036

Delta R.T. 0.003 min

Lab File: VU050208.D

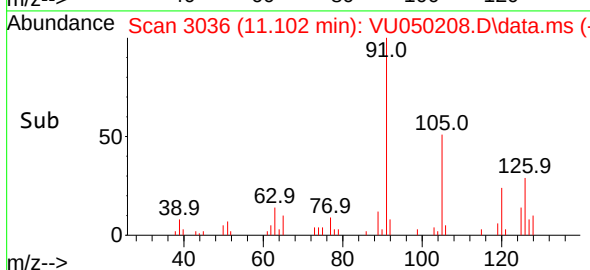
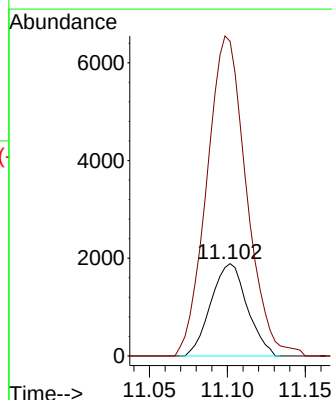
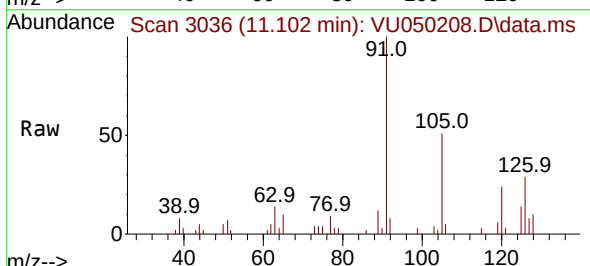
Acq: 10 Aug 2022 09:23

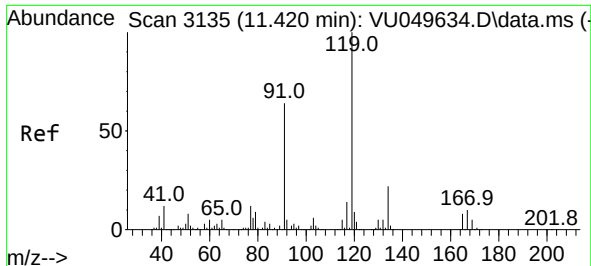
Tgt Ion:126 Resp: 3053

Ion Ratio Lower Upper

126 100

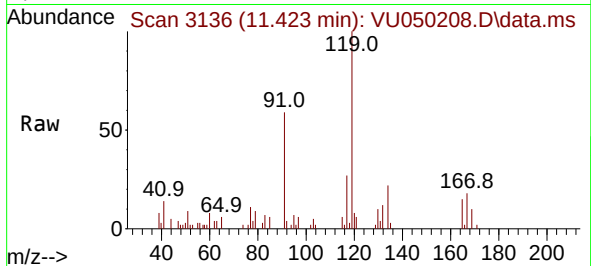
91 378.3 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.424 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

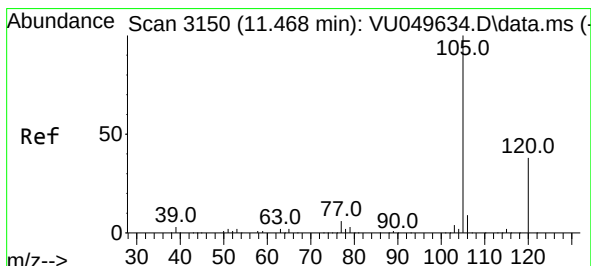
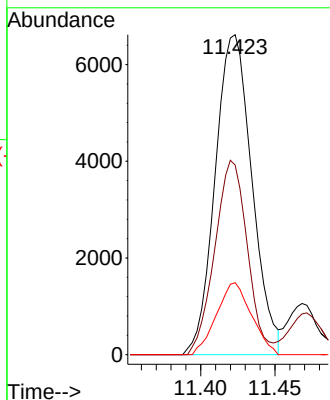
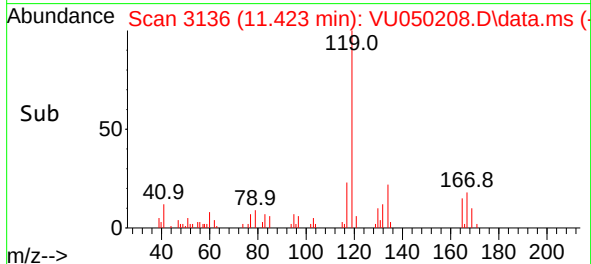
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



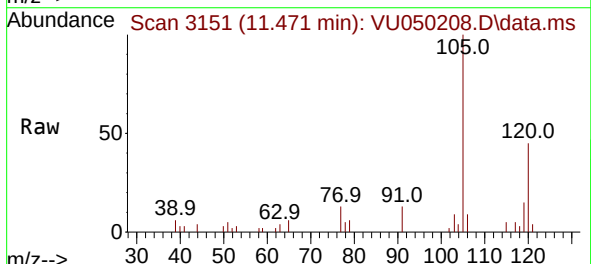
Tgt Ion:119 Resp: 11408
Ion Ratio Lower Upper
119 100
91 53.8 30.4 91.3
134 21.4 17.8 26.6

Manual Integrations
APPROVED

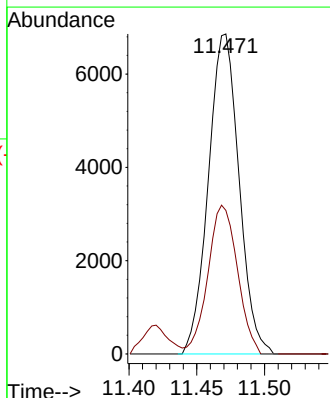
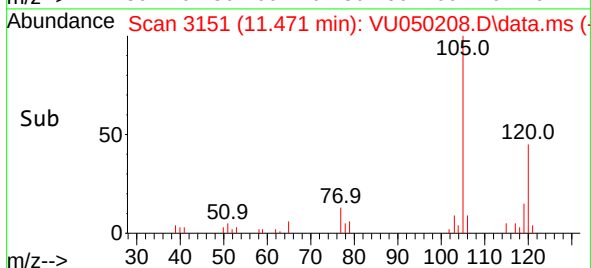
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

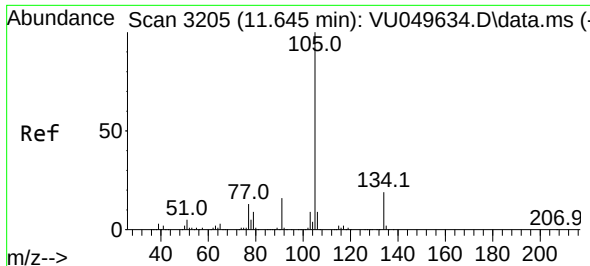


#78
1,2,4-Trimethylbenzene
Concen: 0.393 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



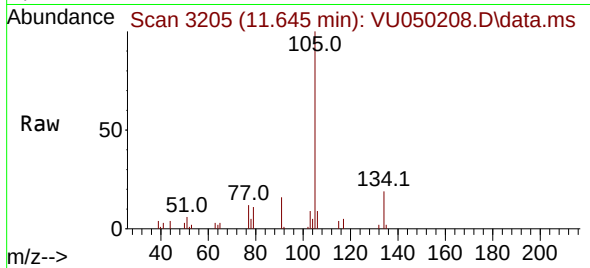
Tgt Ion:105 Resp: 10786
Ion Ratio Lower Upper
105 100
120 44.9 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.362 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23

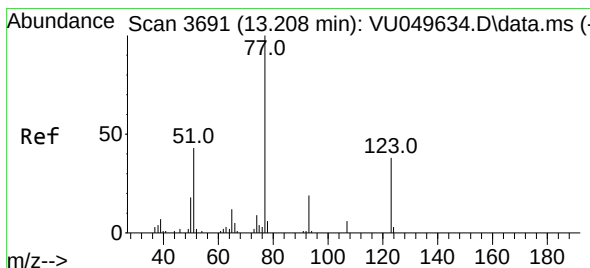
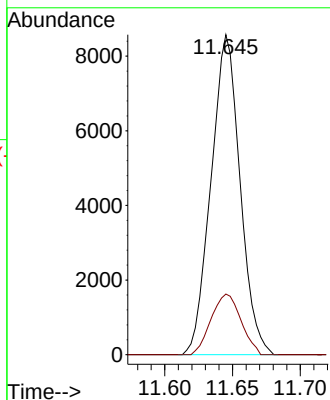
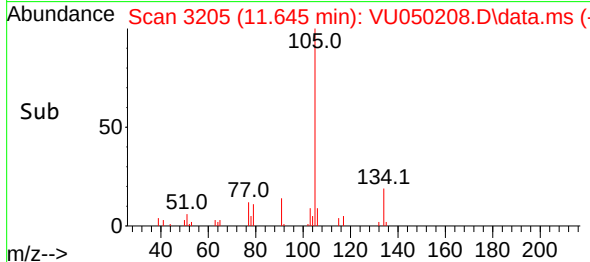
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



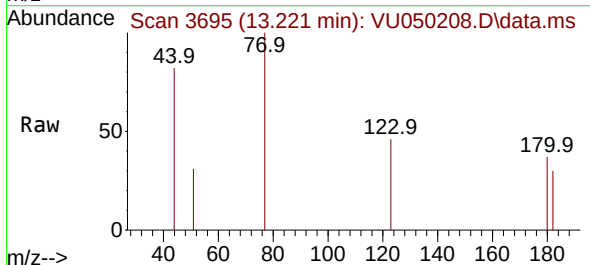
Tgt Ion:105 Resp: 1277
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.4 23.0

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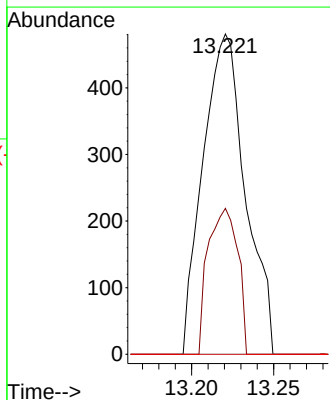
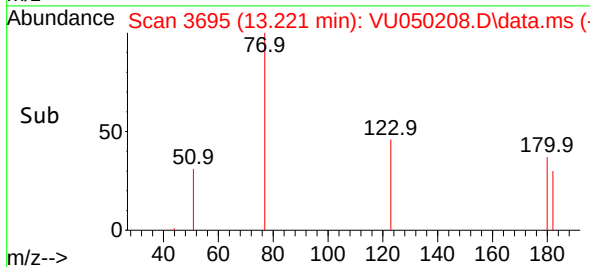
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

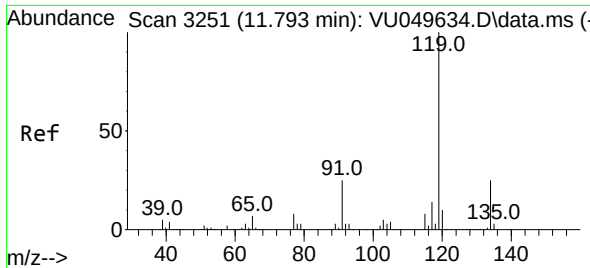


#80
 Nitrobenzene
 Concen: 3.063 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.013 min
 Lab File: VU050208.D
 Acq: 10 Aug 2022 09:23



Tgt Ion: 77 Resp: 867
 Ion Ratio Lower Upper
 77 100
 123 31.7 18.1 64.3
 65 0.0 10.8 13.8#





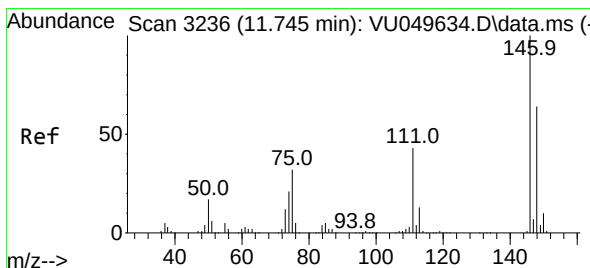
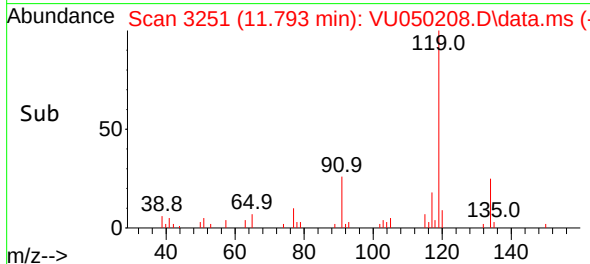
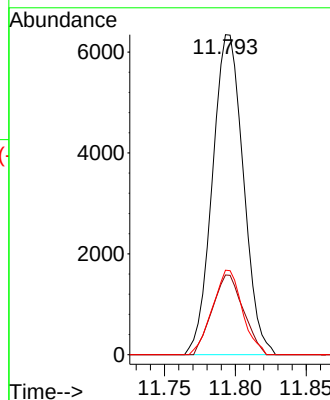
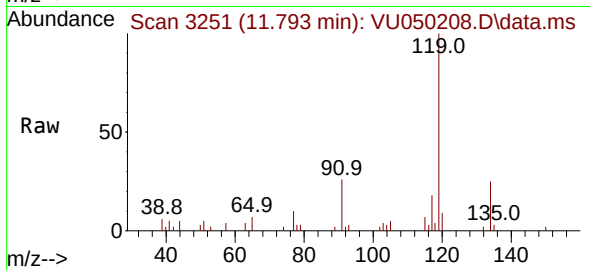
#81
p-Isopropyltoluene
Concen: 0.337 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 9645
Ion Ratio Lower Upper
119 100
134 25.1 20.5 30.7
91 25.5 19.8 29.6

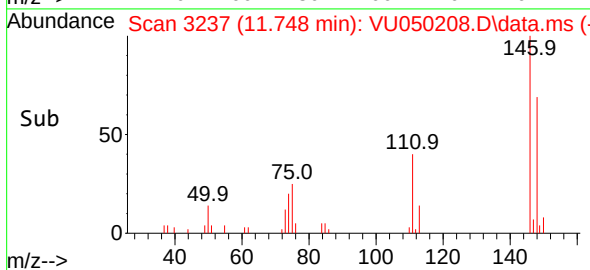
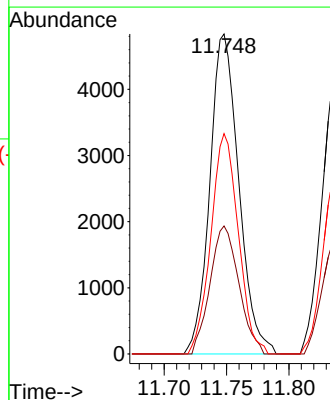
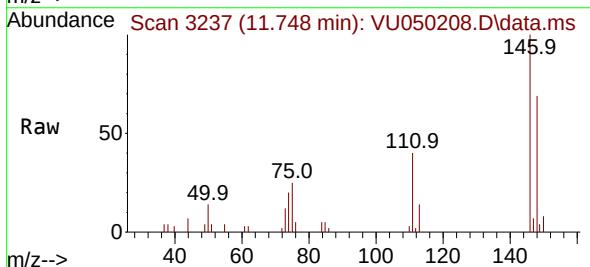
Manual Integrations
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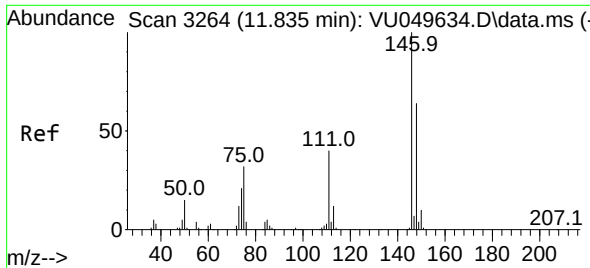
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#82
1,3-Dichlorobenzene
Concen: 0.549 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

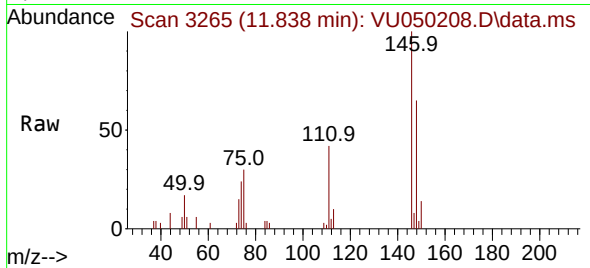
Tgt Ion:146 Resp: 7815
Ion Ratio Lower Upper
146 100
111 39.9 33.4 50.2
148 65.3 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.511 ug/l
RT: 11.838 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

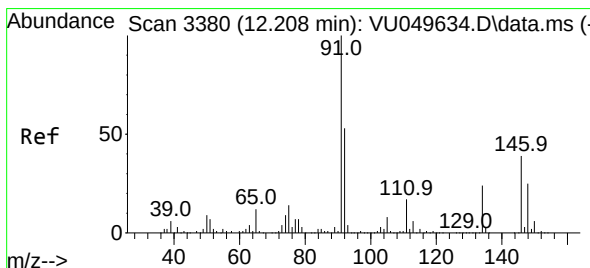
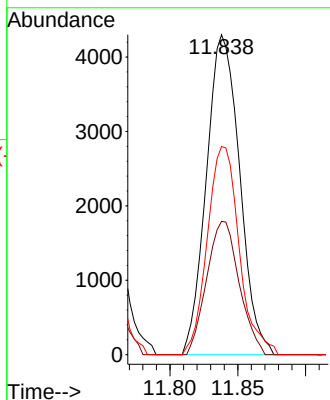
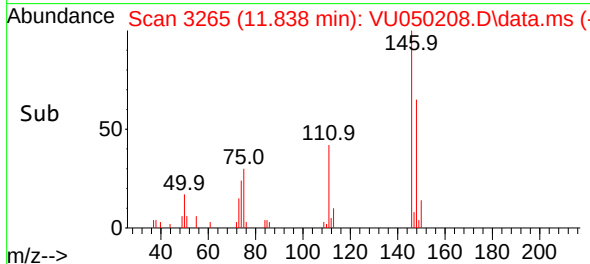
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



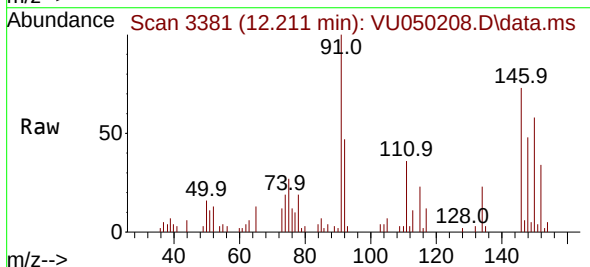
Tgt Ion:146 Resp: 7338
Ion Ratio Lower Upper
146 100
111 40.6 32.6 49.0
148 62.5 51.6 77.4

Manual Integrations
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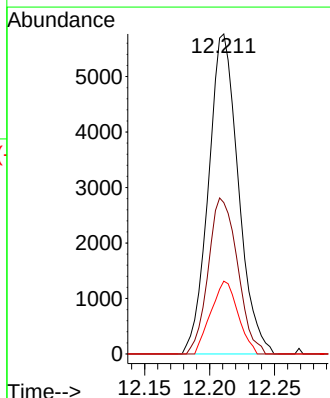
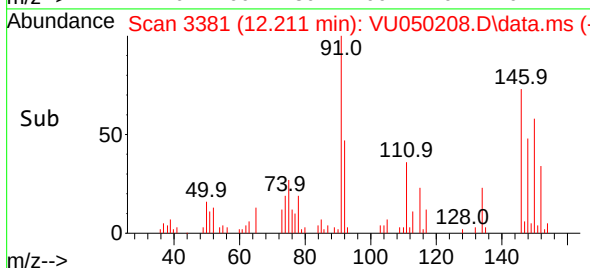
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

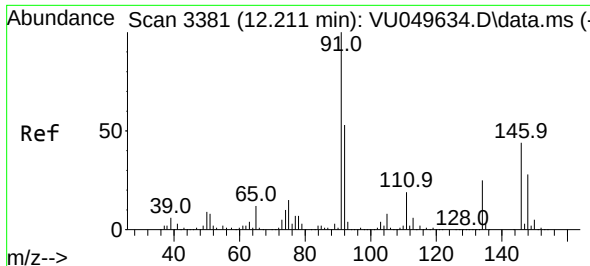


#84
n-Butylbenzene
Concen: 0.346 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



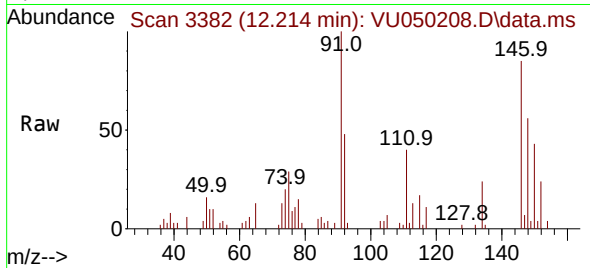
Tgt Ion: 91 Resp: 9210
Ion Ratio Lower Upper
91 100
92 47.8 42.3 63.5
134 20.6 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 0.541 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

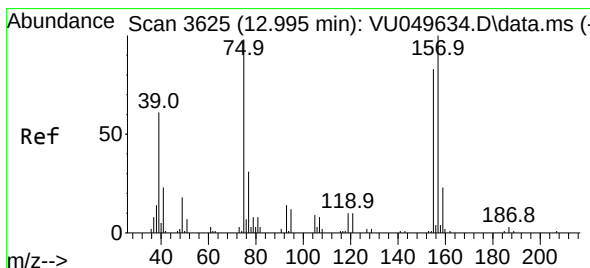
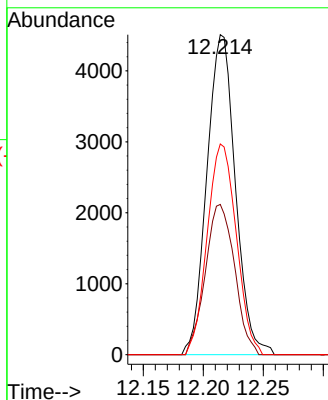
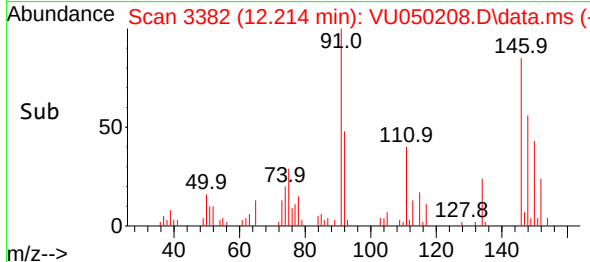
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:146 Resp: 7468
Ion Ratio Lower Upper
146 100
111 48.0 22.1 66.1
148 67.1 32.1 96.3

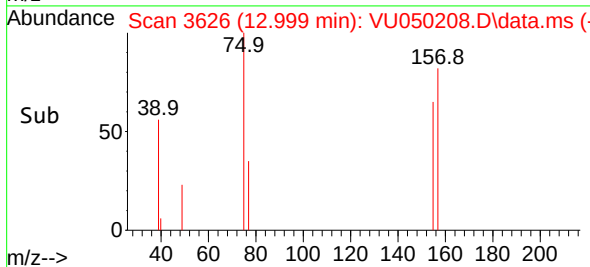
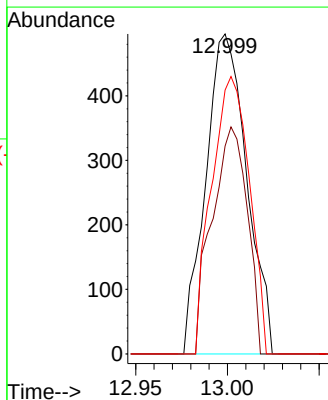
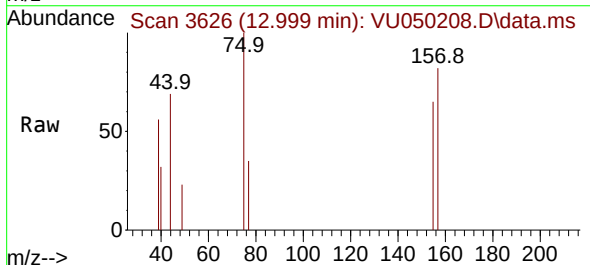
Manual Integrations
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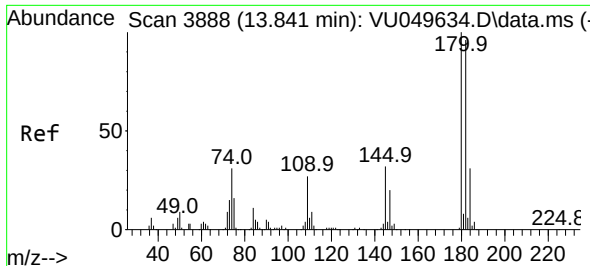
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.639 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

Tgt Ion: 75 Resp: 771
Ion Ratio Lower Upper
75 100
155 61.0 66.8 100.2#
157 79.9 83.8 125.8#





#87

1,2,4-Trichlorobenzene

Concen: 0.423 ug/l

RT: 13.844 min Scan# 3940

Delta R.T. 0.003 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

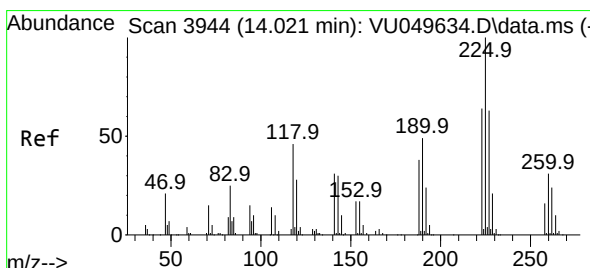
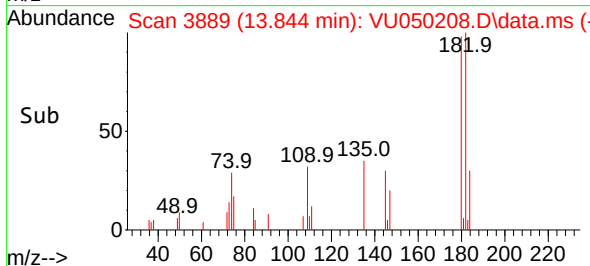
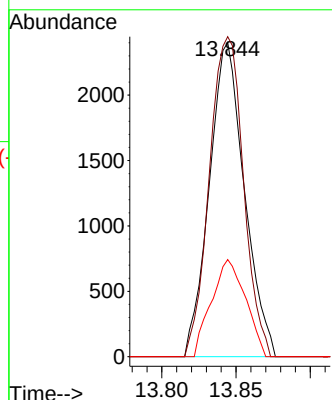
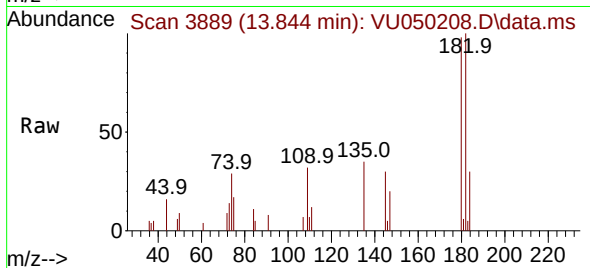
Tgt Ion:	180	Resp:	3940
Ion Ratio	Lower	Upper	
180	100		
182	99.2	77.0	115.6
145	30.1	25.7	38.5

Manual Integrations

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Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#88

Hexachlorobutadiene

Concen: 0.530 ug/l

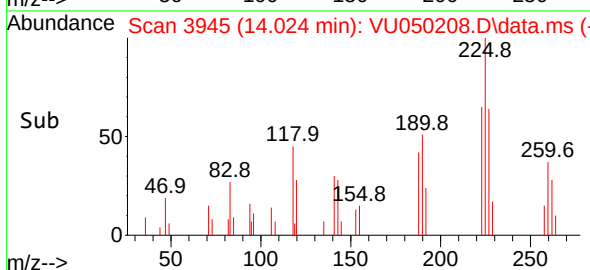
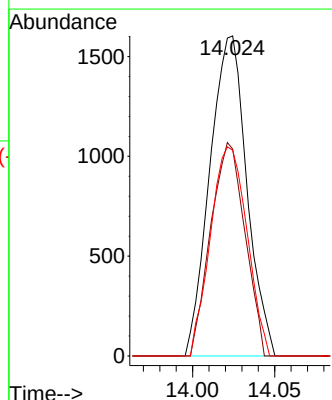
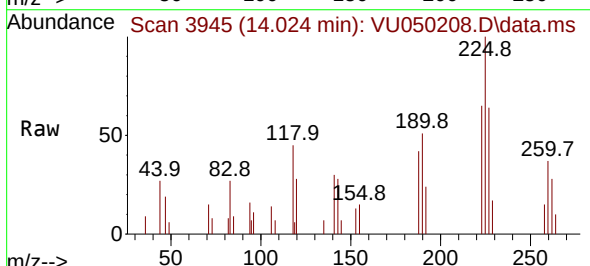
RT: 14.024 min Scan# 3945

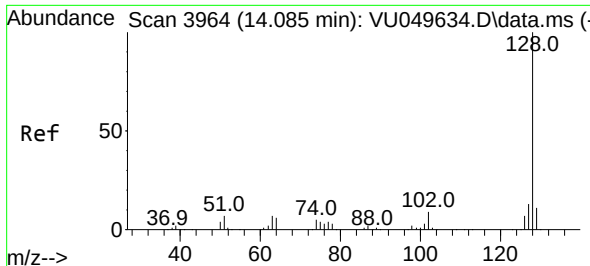
Delta R.T. 0.003 min

Lab File: VU050208.D

Acq: 10 Aug 2022 09:23

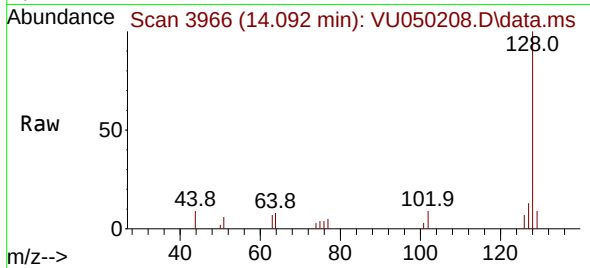
Tgt Ion:	225	Resp:	2512
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.6	76.0
227	64.5	50.7	76.1





#89
Naphthalene
Concen: 0.420 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23

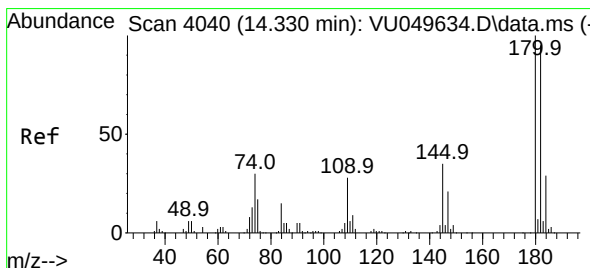
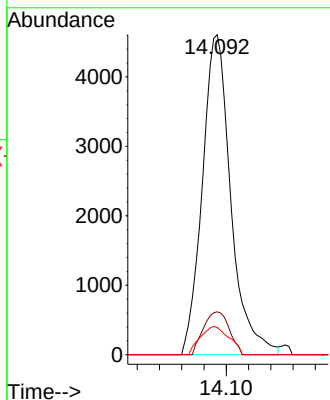
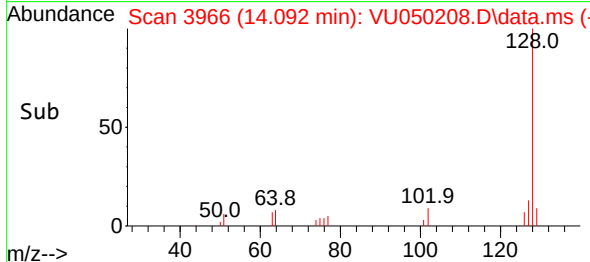
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



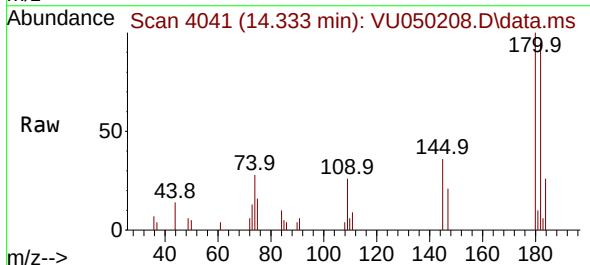
Tgt Ion:128 Resp: 820
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 8.8 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.485 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050208.D
Acq: 10 Aug 2022 09:23



Tgt Ion:180 Resp: 4313
Ion Ratio Lower Upper
180 100
182 97.8 76.6 114.8
145 33.5 27.3 40.9

