

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052622\
 Data File : VU048670.D
 Acq On : 26 May 2022 10:19
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: May 27 05:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	209145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	334956	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	302908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	142555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	17325	5.516	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.040%#		
35) Dibromofluoromethane	5.292	113	12636	5.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.580%#		
50) Toluene-d8	7.896	98	43596	5.089	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.180%#		
62) 4-Bromofluorobenzene	10.636	95	14255	4.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.800%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	12442	5.197	ug/l	98
3) Chloromethane	1.523	50	15840	5.139	ug/l	99
4) Vinyl Chloride	1.604	62	14649	5.132	ug/l	96
5) Bromomethane	1.855	94	11484	6.447	ug/l	93
6) Chloroethane	1.932	64	9075	5.103	ug/l	97
7) Trichlorofluoromethane	2.138	101	20909	5.129	ug/l	96
8) Diethyl Ether	2.375	74	7466	4.962	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.581	101	11885	5.326	ug/l	97
10) Methyl Iodide	2.723	142	8978	3.050	ug/l	97
11) Tert butyl alcohol	3.192	59	23251	56.914	ug/l #	31
12) 1,1-Dichloroethene	2.584	96	10960	5.149	ug/l	97
13) Acrolein	2.488	56	12837	41.813	ug/l	100
14) Allyl chloride	2.925	41	20187	4.896	ug/l	98
15) Acrylonitrile	3.321	53	43590	25.239	ug/l	97
16) Acetone	2.633	43	37953	23.710	ug/l	99
17) Carbon Disulfide	2.793	76	31957	5.143	ug/l	99
18) Methyl Acetate	2.951	43	20094	5.000	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	40411	5.003	ug/l	98
20) Methylene Chloride	3.047	84	13998	5.142	ug/l	93
21) trans-1,2-Dichloroethene	3.356	96	12105	4.971	ug/l	94
22) Diisopropyl ether	3.996	45	37297	4.904	ug/l #	83
23) Vinyl Acetate	3.957	43	146891	22.293	ug/l	99
24) 1,1-Dichloroethane	3.874	63	24002	5.025	ug/l	98
25) 2-Butanone	4.707	43	53150	23.113	ug/l	100
26) 2,2-Dichloropropane	4.671	77	21940	5.120	ug/l	95
27) cis-1,2-Dichloroethene	4.668	96	13902	4.933	ug/l	98
28) Bromochloromethane	4.977	49	9980	5.327	ug/l #	96
29) Tetrahydrofuran	5.057	42	34422	23.385	ug/l	97
30) Chloroform	5.089	83	24802	5.190	ug/l	94
31) Cyclohexane	5.385	56	21504	5.433	ug/l #	75
32) 1,1,1-Trichloroethane	5.314	97	22247	5.131	ug/l	96
36) 1,1-Dichloropropene	5.526	75	17360	4.978	ug/l	97
37) Ethyl Acetate	4.809	43	20518m	4.513	ug/l	
38) Carbon Tetrachloride	5.523	117	20237	5.058	ug/l	96
39) Methylcyclohexane	6.764	83	16893	4.619	ug/l	95
40) Benzene	5.774	78	50131	4.869	ug/l	96

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 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 27 05:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 05:29:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	10448	4.689	ug/l	99
42) 1,2-Dichloroethane	5.793	62	20186	5.008	ug/l	98
43) Isopropyl Acetate	5.915	43	30604	4.782	ug/l	98
44) Trichloroethene	6.542	130	13238	4.990	ug/l	95
45) 1,2-Dichloropropane	6.790	63	12771	4.927	ug/l	100
46) Dibromomethane	6.919	93	9403	4.855	ug/l	99
47) Bromodichloromethane	7.105	83	19056	4.866	ug/l	98
48) Methyl methacrylate	6.960	41	12568	4.375	ug/l	99
49) 1,4-Dioxane	6.983	88	5384	83.837	ug/l #	70
51) 4-Methyl-2-Pentanone	7.793	43	96418	23.204	ug/l	98
52) Toluene	7.970	92	29196	4.740	ug/l	94
53) t-1,3-Dichloropropene	8.211	75	19651	4.651	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	20659	4.719	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	12828	4.719	ug/l #	93
56) Ethyl methacrylate	8.337	69	16745	4.414	ug/l	97
57) 1,3-Dichloropropane	8.578	76	21077	4.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	12515	16.855	ug/l	97
59) 2-Hexanone	8.687	43	74586	21.864	ug/l	95
60) Dibromochloromethane	8.809	129	13871	4.552	ug/l	93
61) 1,2-Dibromoethane	8.925	107	13820	4.617	ug/l	99
64) Tetrachloroethene	8.552	164	12165	5.226	ug/l	96
65) Chlorobenzene	9.446	112	31724	4.952	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	12268	5.045	ug/l	95
67) Ethyl Benzene	9.571	91	49362	4.568	ug/l	99
68) m/p-Xylenes	9.693	106	40542	9.593	ug/l	99
69) o-Xylene	10.102	106	18208	4.385	ug/l	96
70) Styrene	10.115	104	29979	4.390	ug/l	98
71) Bromoform	10.288	173	10809	4.807	ug/l #	99
73) Isopropylbenzene	10.484	105	45544	4.949	ug/l	100
74) N-amyl acetate	10.320	43	16316	4.101	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.783	83	18471	4.918	ug/l	98
76) 1,2,3-Trichloropropane	10.825	75	23066	5.874	ug/l	97
77) Bromobenzene	10.783	156	13358	5.404	ug/l	94
78) n-propylbenzene	10.906	91	52737	4.809	ug/l	97
79) 2-Chlorotoluene	10.986	91	34410	5.046	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	38962	4.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	5474	4.324	ug/l	87
82) 4-Chlorotoluene	11.095	91	38298	4.867	ug/l	96
83) tert-Butylbenzene	11.420	119	37484	4.880	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	36334	4.664	ug/l	99
85) sec-Butylbenzene	11.642	105	44416	4.622	ug/l	98
86) p-Isopropyltoluene	11.793	119	36594	4.434	ug/l	97
87) 1,3-Dichlorobenzene	11.745	146	24595	5.075	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	24391	4.872	ug/l	95
89) n-Butylbenzene	12.211	91	29037	4.004	ug/l	99
90) Hexachloroethane	12.475	117	8787	5.217	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	23086	4.716	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	5227	4.834	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	16570	5.158	ug/l	94
94) Hexachlorobutadiene	14.021	225	8977	5.830	ug/l	96
95) Naphthalene	14.089	128	41064	4.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	16169	5.082	ug/l	99

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Acq On : 26 May 2022 10:19
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

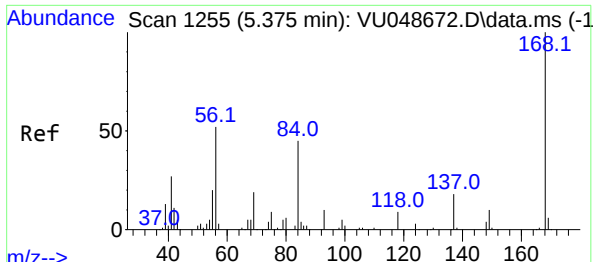
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

Quant Time: May 27 05:33:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 05:29:21 2022
Response via : Initial Calibration

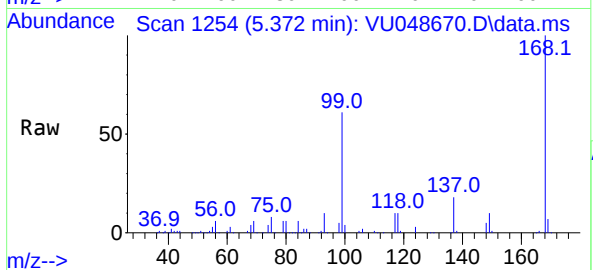
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

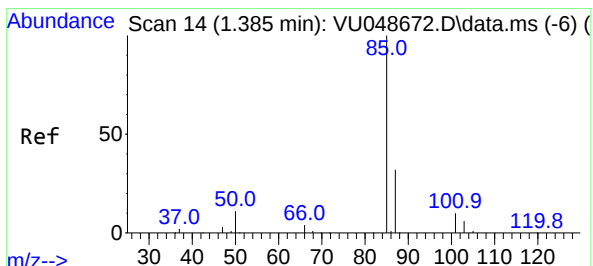
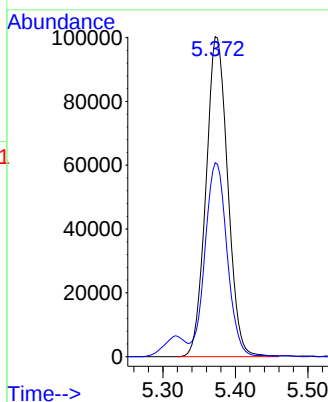
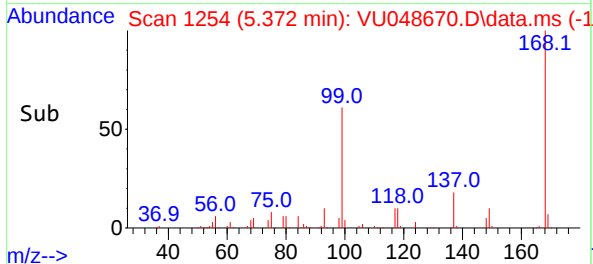
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 20914
Ion Ratio Lower Upper
168 100
99 60.4 49.3 73.9

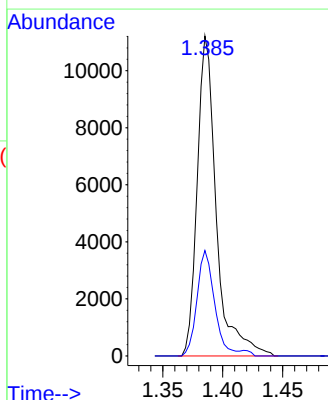
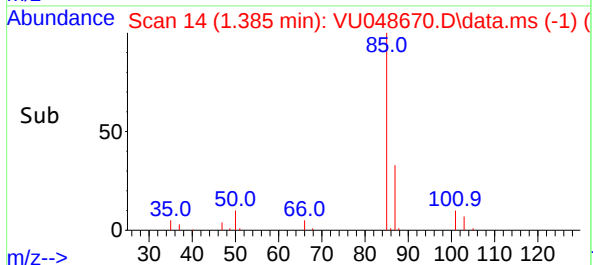
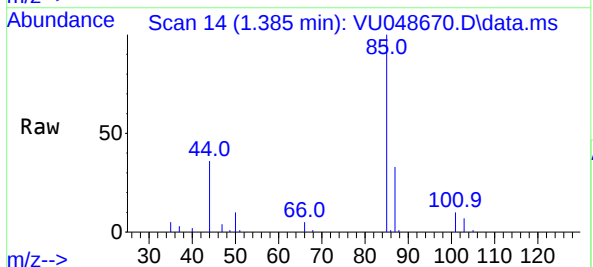
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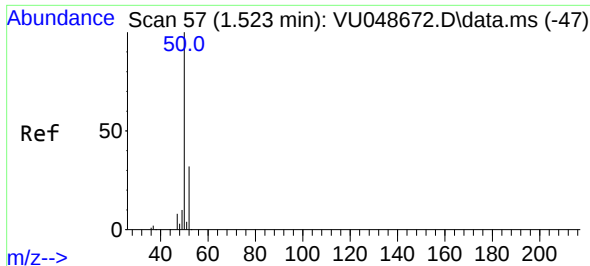
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#2
Dichlorodifluoromethane
Concen: 5.197 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

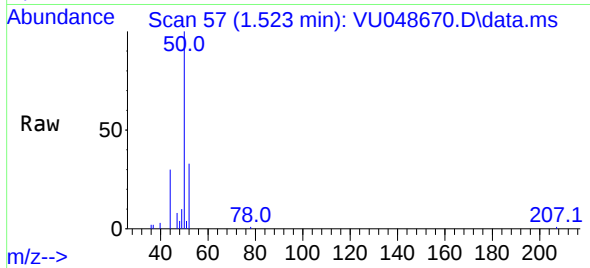
Tgt Ion: 85 Resp: 12442
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0





#3
Chloromethane
Concen: 5.139 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

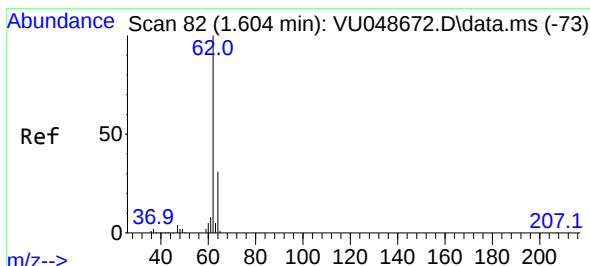
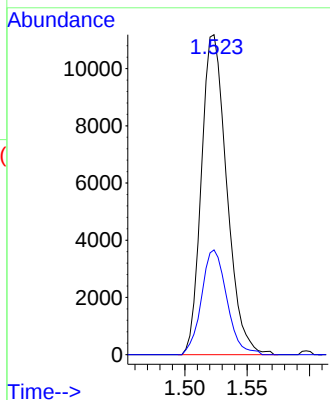
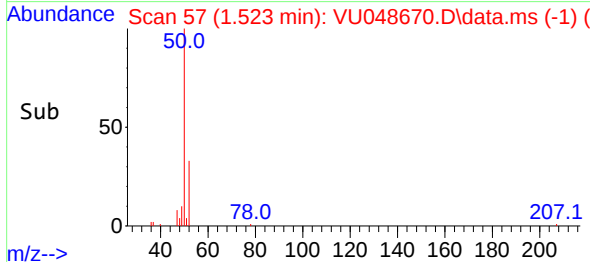
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 15840
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

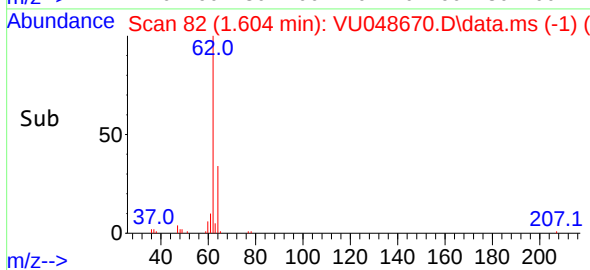
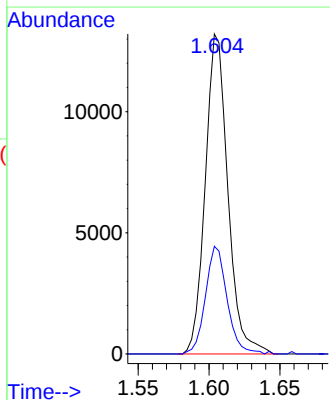
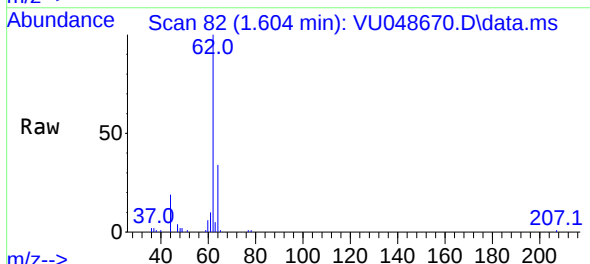
Manual Integrations
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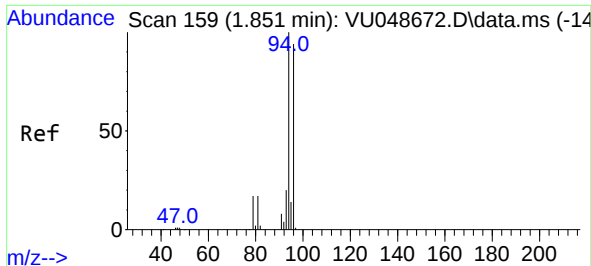
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#4
Vinyl Chloride
Concen: 5.132 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

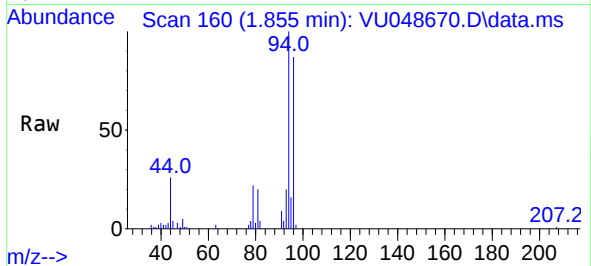
Tgt Ion: 62 Resp: 14649
Ion Ratio Lower Upper
62 100
64 33.7 25.2 37.8





#5
Bromomethane
Concen: 6.447 ug/l
RT: 1.855 min Scan# 11484
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

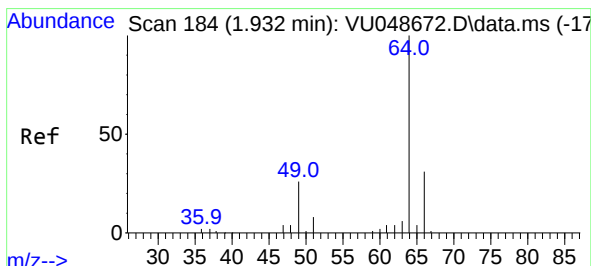
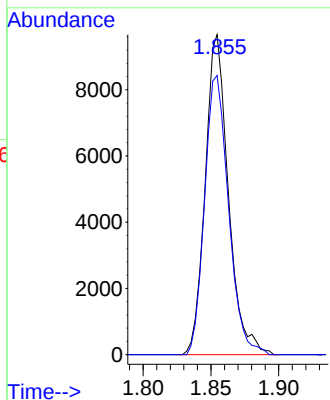
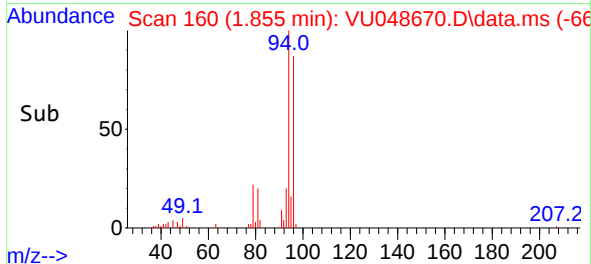
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 11484
Ion Ratio Lower Upper
94 100
96 87.3 75.1 112.7

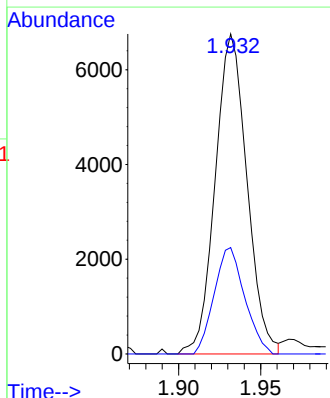
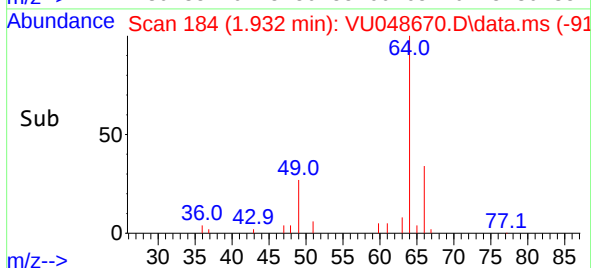
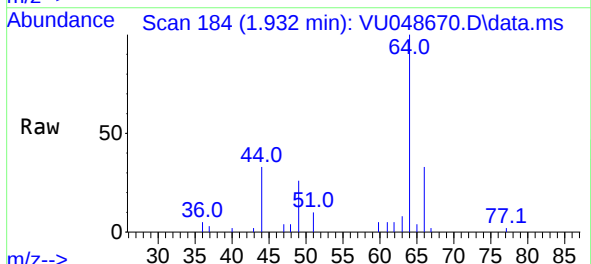
Manual Integrations
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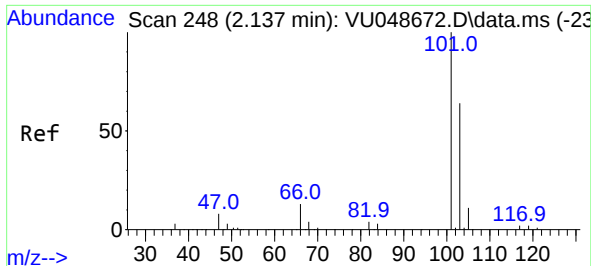
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#6
Chloroethane
Concen: 5.103 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 64 Resp: 9075
Ion Ratio Lower Upper
64 100
66 33.2 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 5.129 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

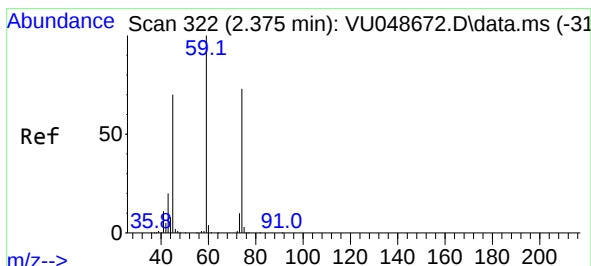
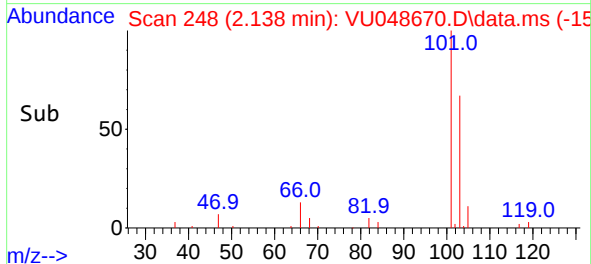
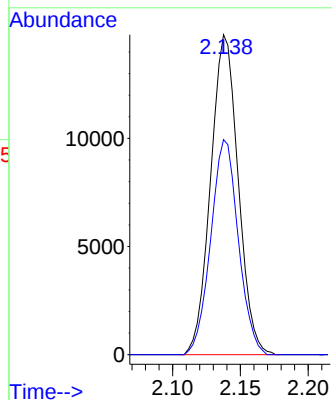
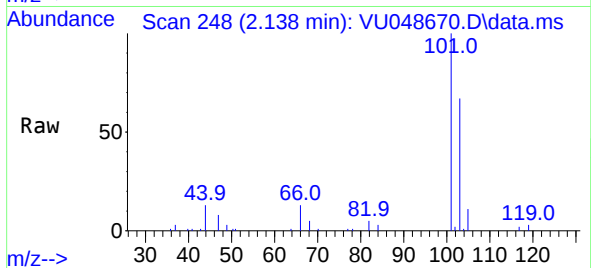
VSTDIC005

Tgt Ion:101 Resp: 20905
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.0 76.4

Manual Integrations

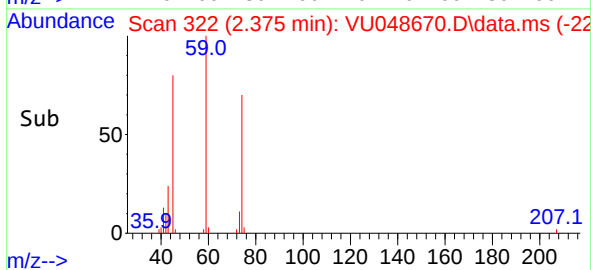
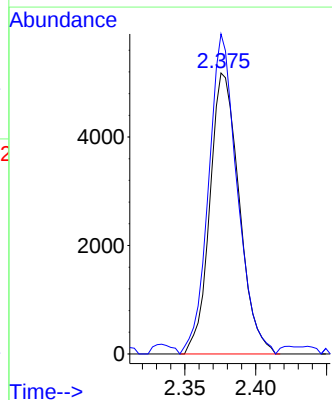
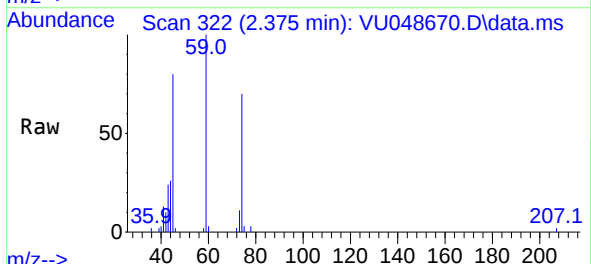
APPROVED

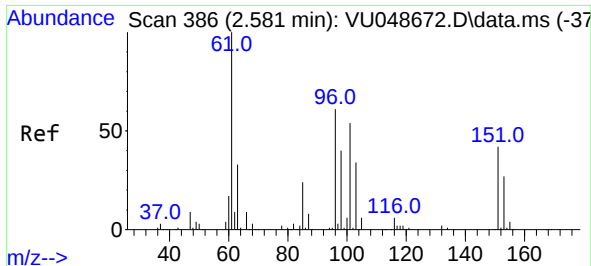
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#8
 Diethyl Ether
 Concen: 4.962 ug/l
 RT: 2.375 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

Tgt Ion: 74 Resp: 7466
 Ion Ratio Lower Upper
 74 100
 45 110.9 47.7 143.1





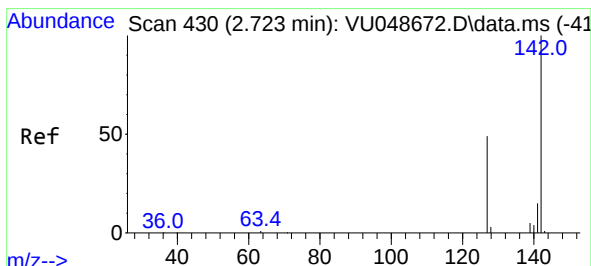
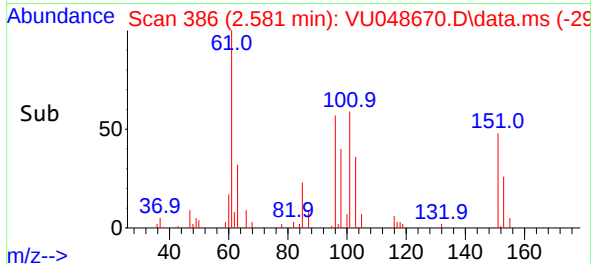
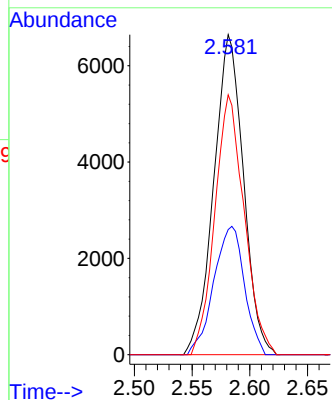
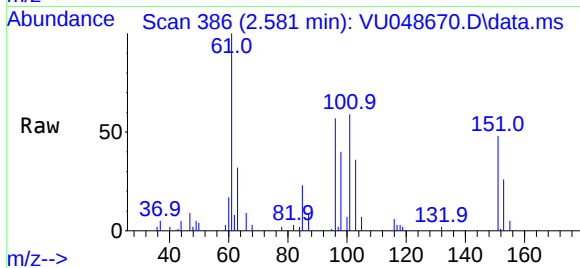
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.326 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
Client Sample Id :
VSTDIC005

Tgt Ion:101 Resp: 1188
Ion Ratio Lower Upper
101 100
85 41.4 35.4 53.2
151 80.3 62.5 93.7

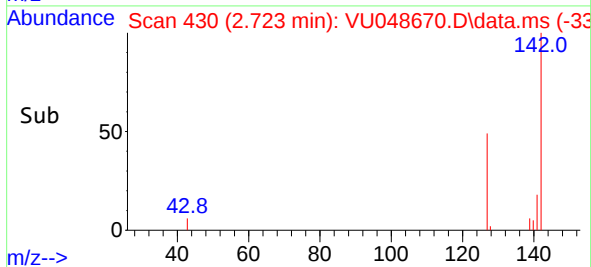
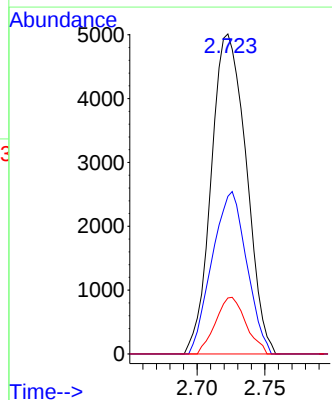
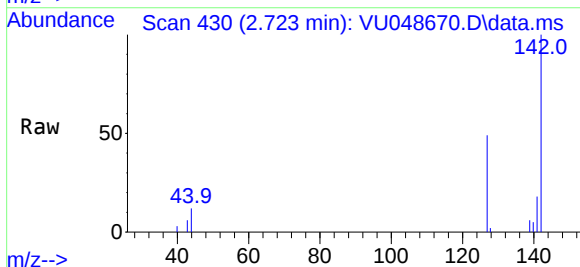
Manual Integrations
APPROVED

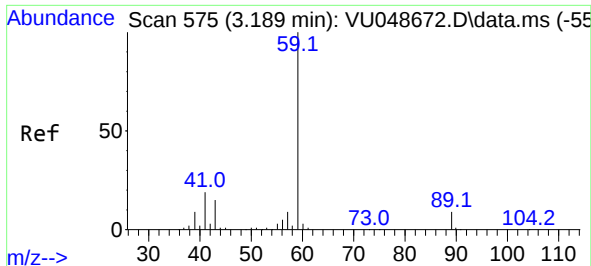
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
Methyl Iodide
Concen: 3.050 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

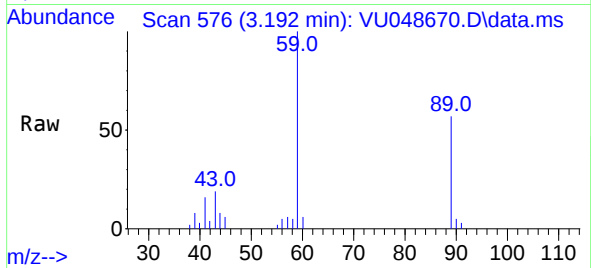
Tgt Ion:142 Resp: 8978
Ion Ratio Lower Upper
142 100
127 50.3 38.4 57.6
141 15.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 56.914 ug/l
RT: 3.192 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

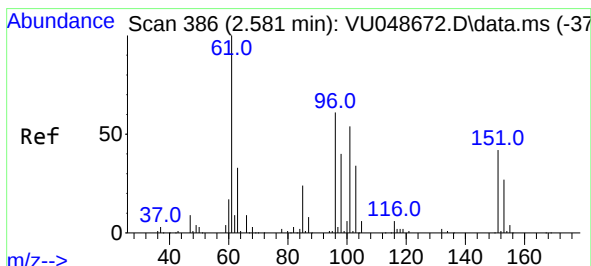
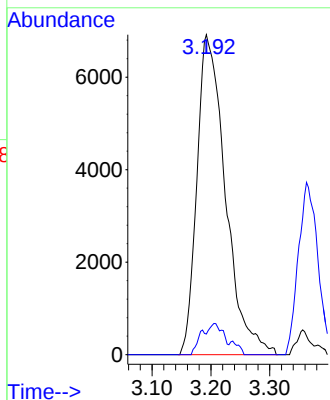
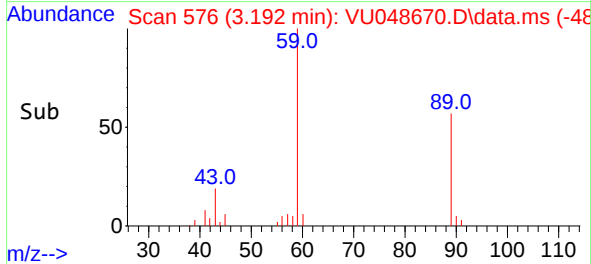
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



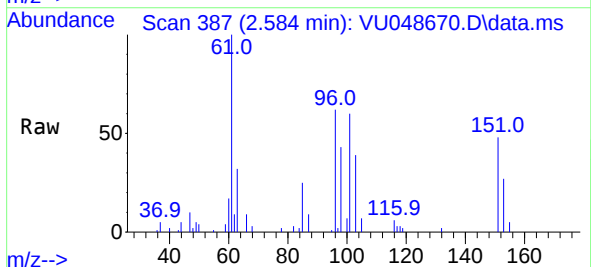
Tgt Ion: 59 Resp: 2325
Ion Ratio Lower Upper
59 100
57 2.4 39.7 59.5

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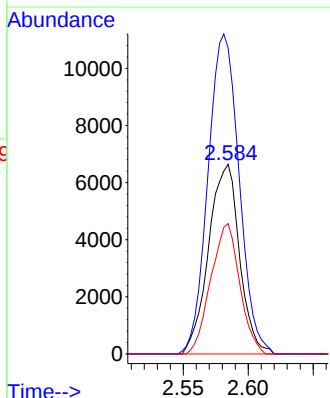
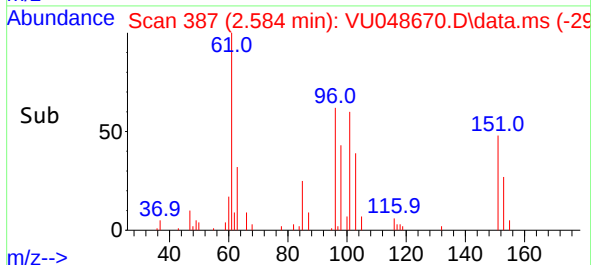
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

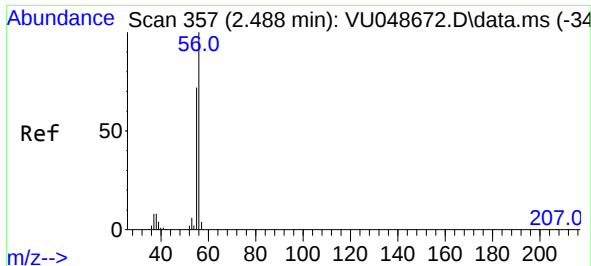


#12
1,1-Dichloroethene
Concen: 5.149 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



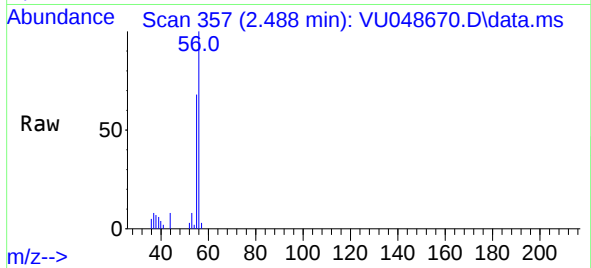
Tgt Ion: 96 Resp: 10960
Ion Ratio Lower Upper
96 100
61 161.4 131.1 196.7
98 68.8 51.8 77.8





#13
Acrolein
Concen: 41.813 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

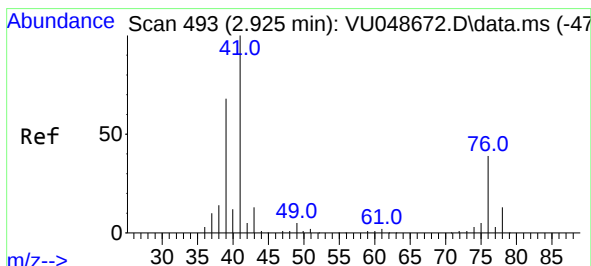
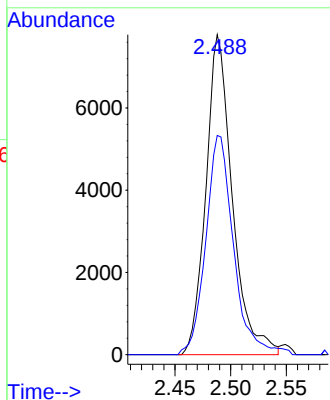
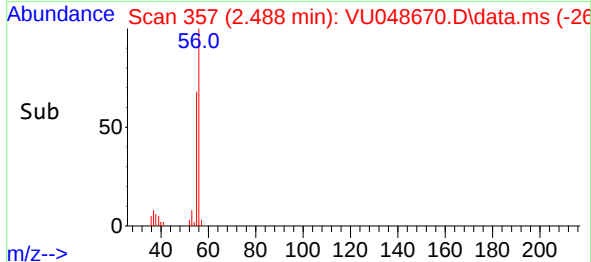
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



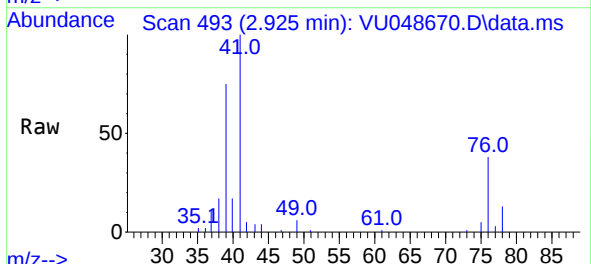
Tgt Ion: 56 Resp: 1283
Ion Ratio Lower Upper
56 100
55 72.1 57.7 86.5

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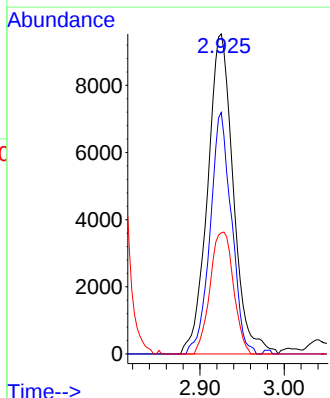
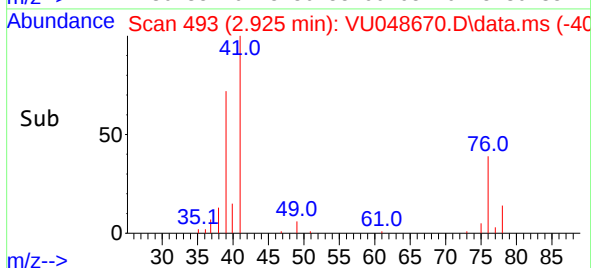
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

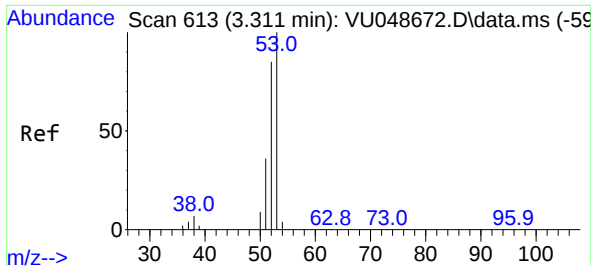


#14
Allyl chloride
Concen: 4.896 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



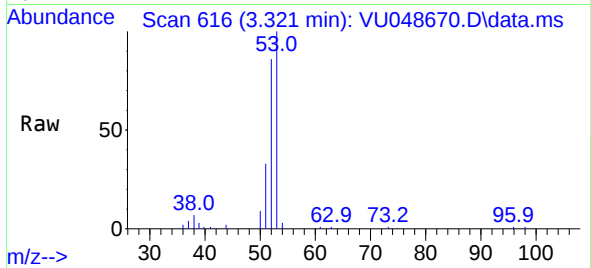
Tgt Ion: 41 Resp: 20187
Ion Ratio Lower Upper
41 100
39 62.8 48.6 72.8
76 34.6 27.0 40.4





#15
Acrylonitrile
Concen: 25.239 ug/l
RT: 3.321 min Scan# 613
Delta R.T. 0.010 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

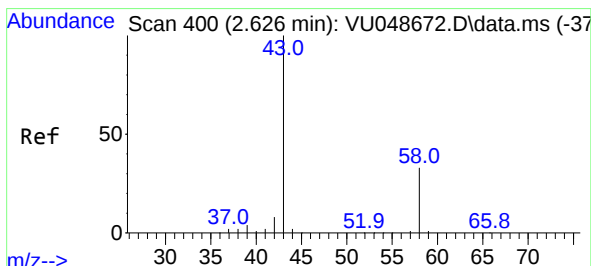
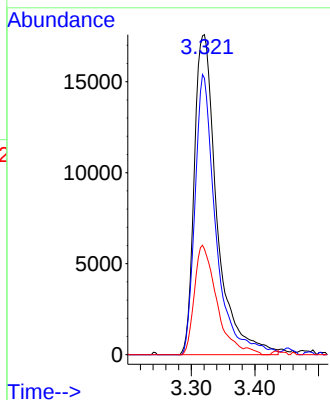
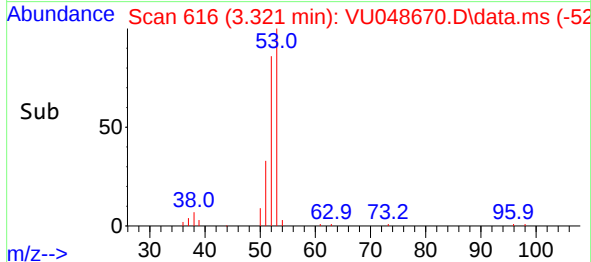
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



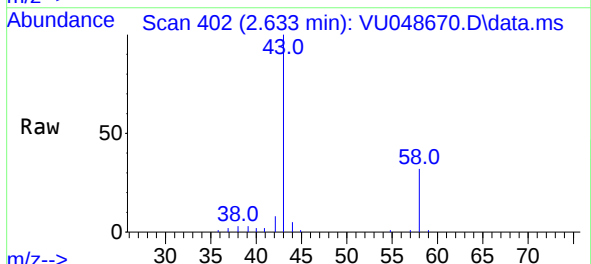
Tgt Ion: 53 Resp: 43590
Ion Ratio Lower Upper
53 100
52 80.6 66.3 99.5
51 33.1 28.6 42.8

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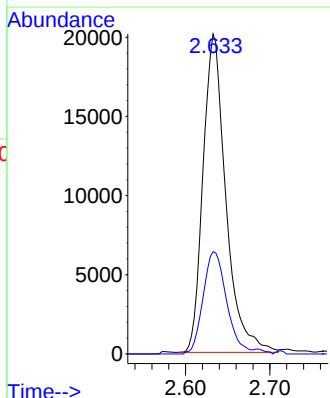
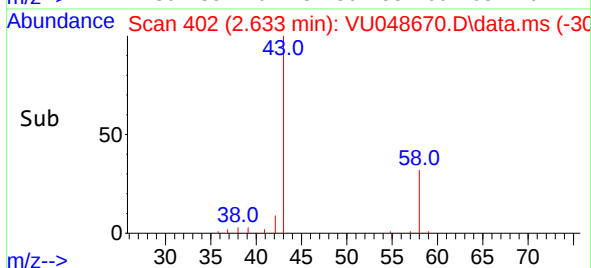
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

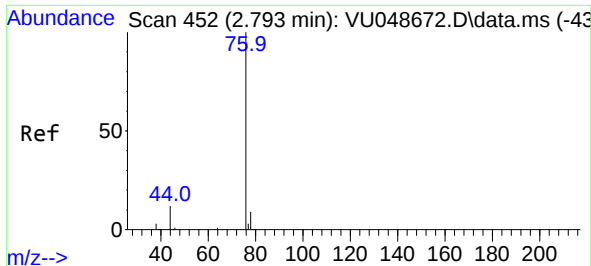


#16
Acetone
Concen: 23.710 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



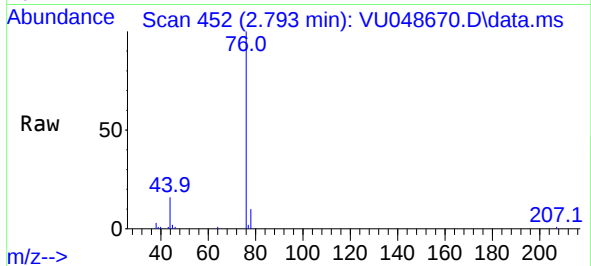
Tgt Ion: 43 Resp: 37953
Ion Ratio Lower Upper
43 100
58 32.1 26.3 39.5





#17
Carbon Disulfide
Concen: 5.143 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

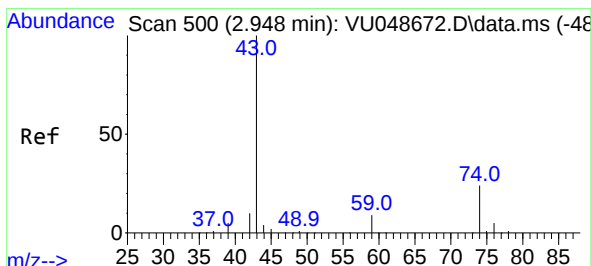
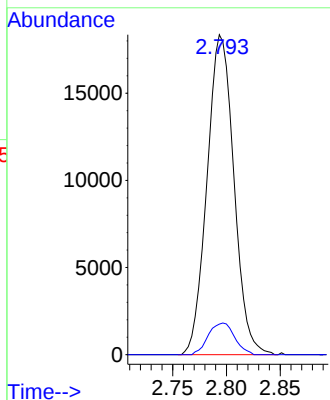
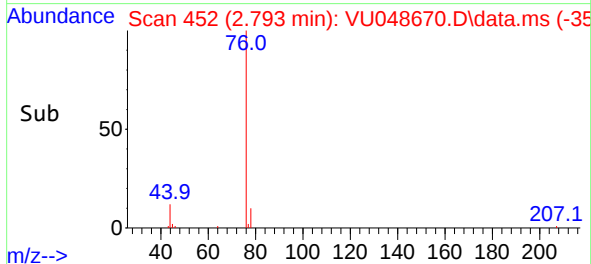
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



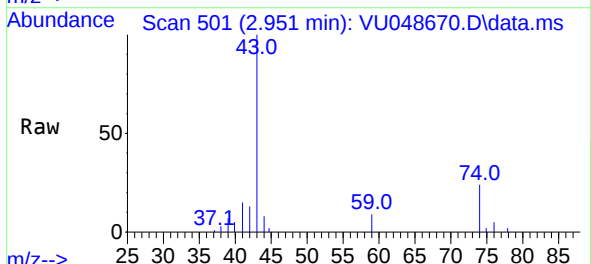
Tgt Ion: 76 Resp: 3195
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

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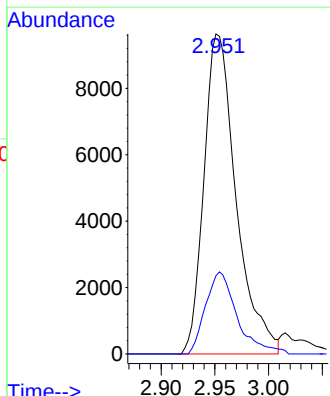
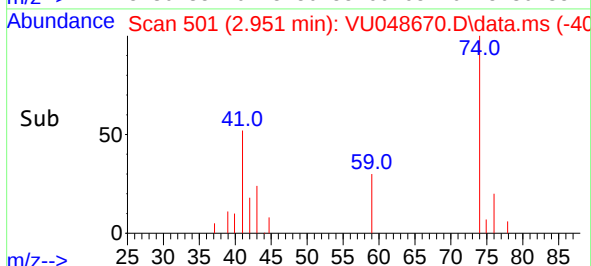
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

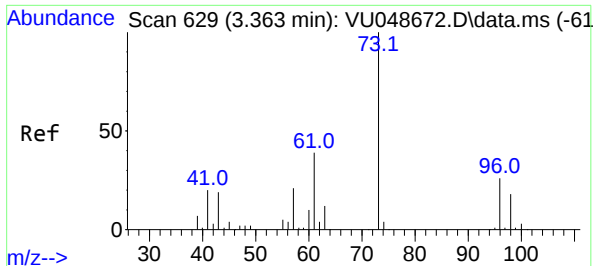


#18
Methyl Acetate
Concen: 5.000 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



Tgt Ion: 43 Resp: 20094
Ion Ratio Lower Upper
43 100
74 25.1 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 5.003 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 4041

Ion Ratio Lower Upper

73 100

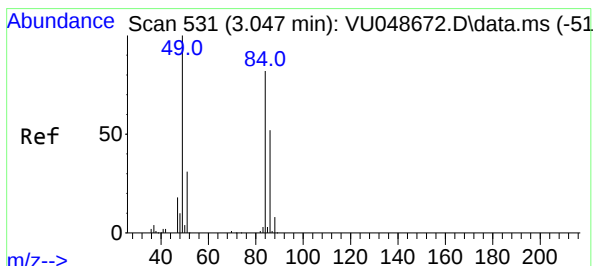
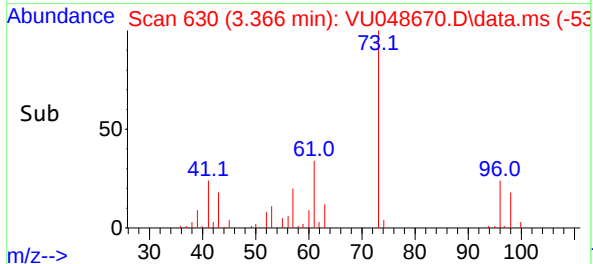
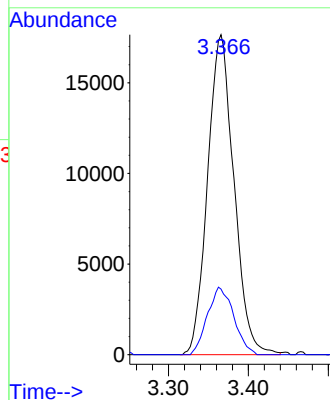
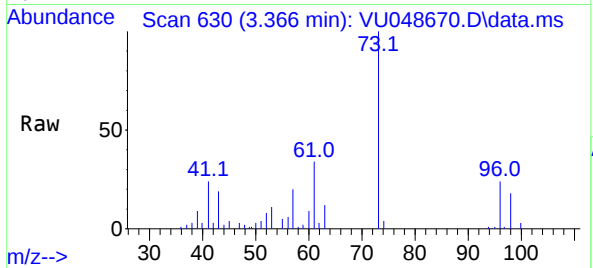
57 20.5 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#20

Methylene Chloride

Concen: 5.142 ug/l

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Tgt Ion: 84 Resp: 13998

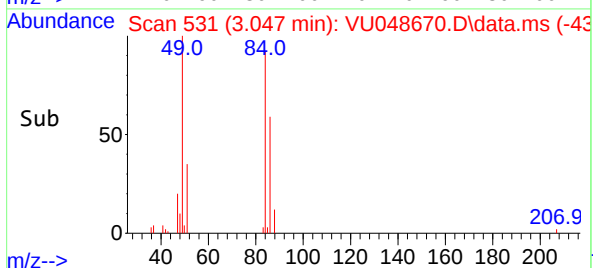
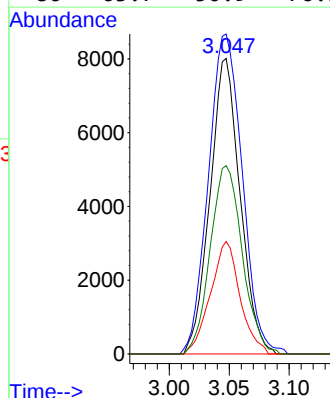
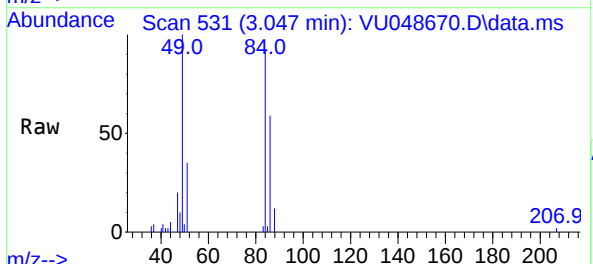
Ion Ratio Lower Upper

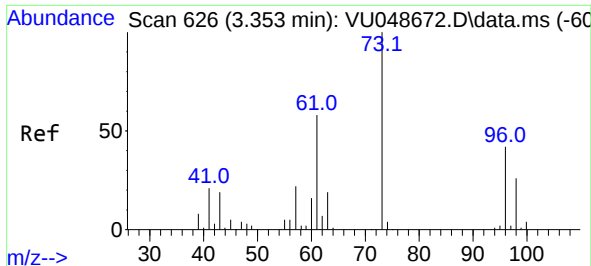
84 100

49 108.3 97.0 145.4

51 38.1 29.8 44.8

86 63.7 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 4.971 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

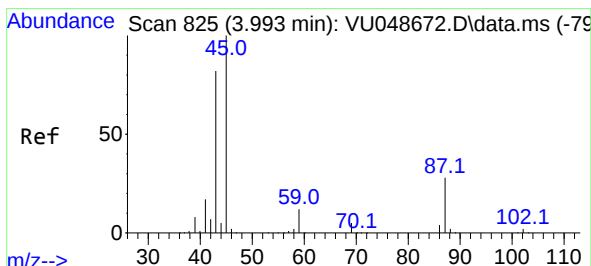
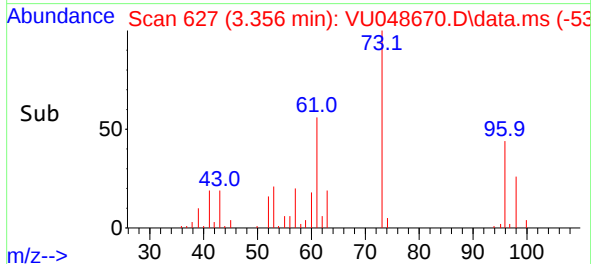
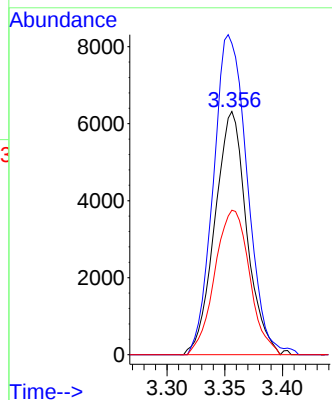
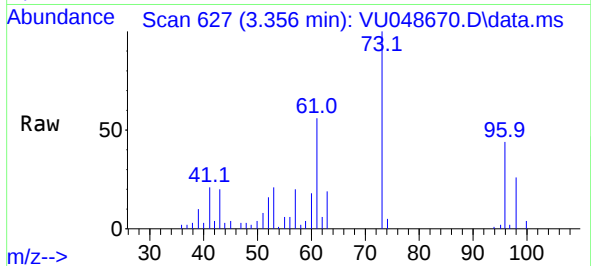
VSTDIC005

Tgt Ion: 96 Resp: 1210
Ion Ratio Lower Upper
96 100
61 127.9 109.4 164.2
98 59.4 48.9 73.3

Manual Integrations

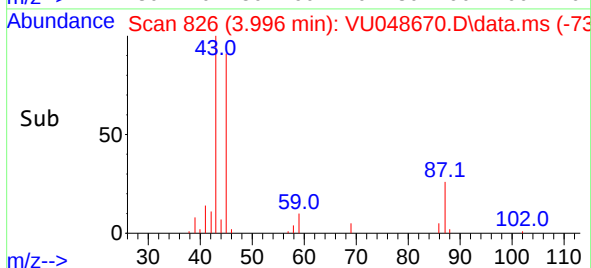
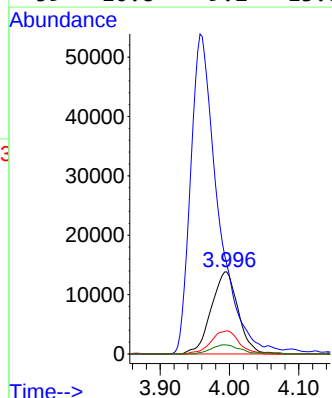
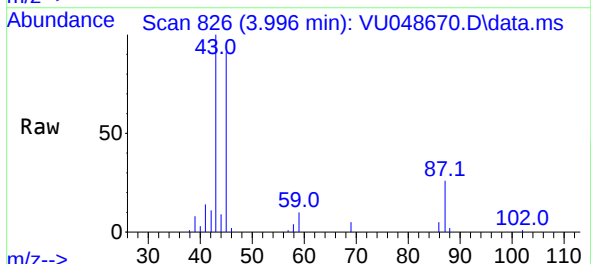
APPROVED

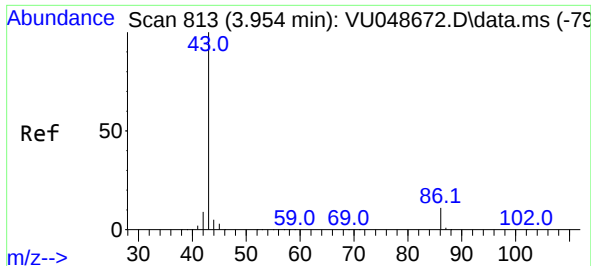
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#22
Diisopropyl ether
Concen: 4.904 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 45 Resp: 37297
Ion Ratio Lower Upper
45 100
43 104.4 65.2 97.8#
87 28.2 22.7 34.1
59 10.8 9.2 13.8





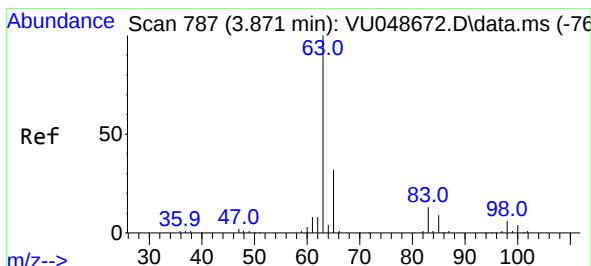
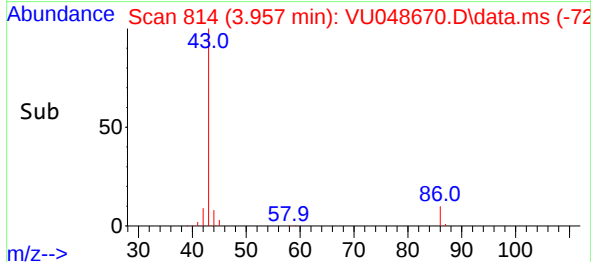
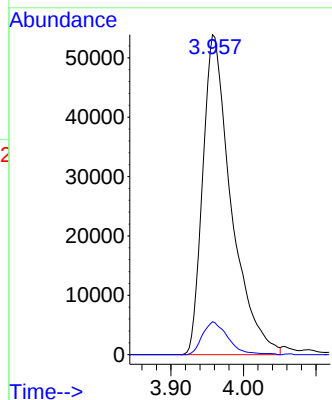
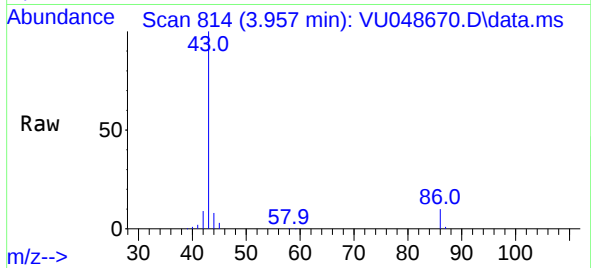
#23
 Vinyl Acetate
 Concen: 22.293 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 14689
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.4 12.6

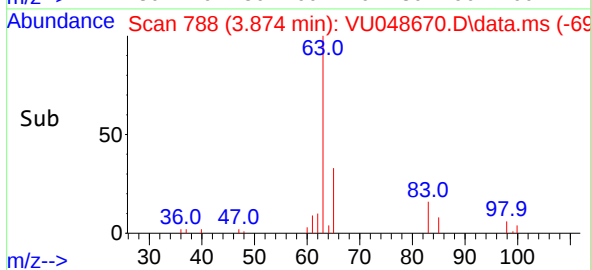
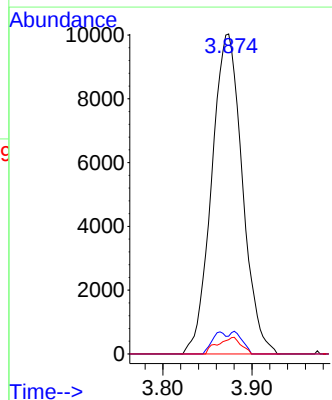
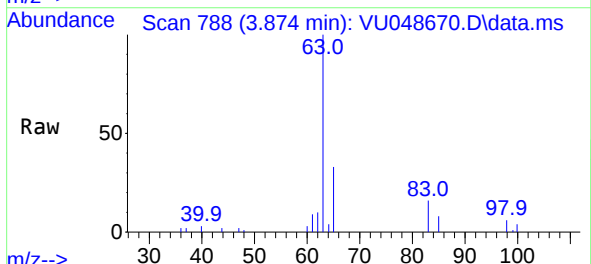
Manual Integrations
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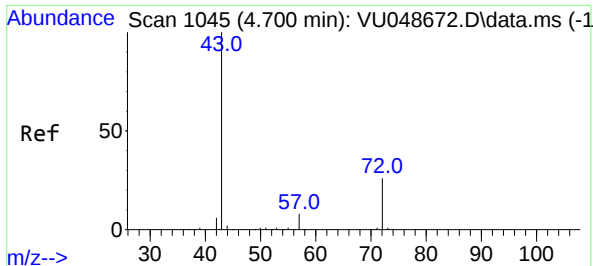
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#24
 1,1-Dichloroethane
 Concen: 5.025 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.003 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

Tgt Ion: 63 Resp: 24002
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.3
 100 4.5 2.0 5.8





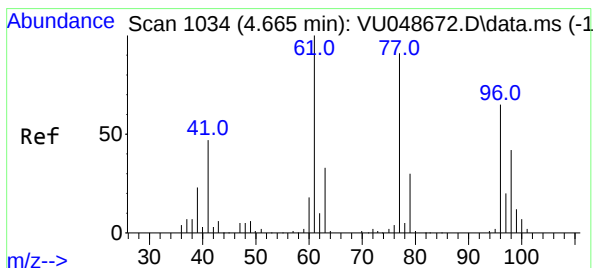
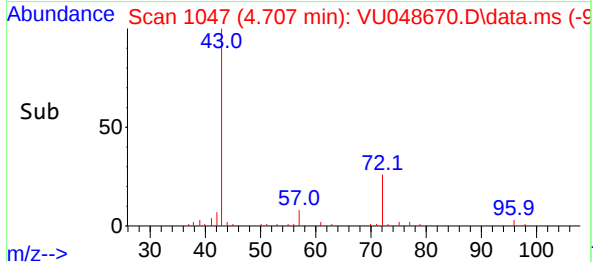
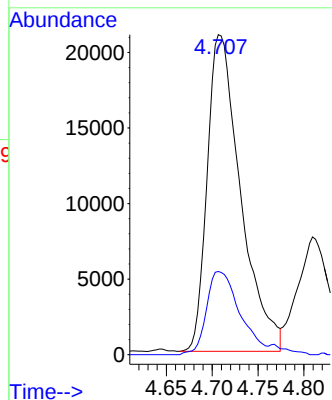
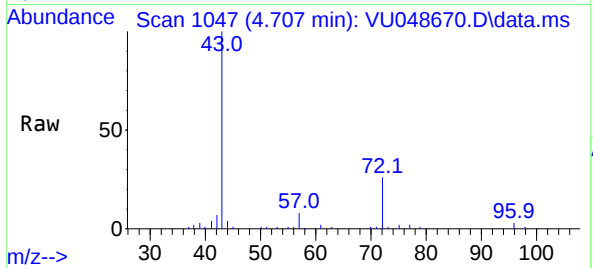
#25
2-Butanone
Concen: 23.113 ug/l
RT: 4.707 min Scan# 1045
Delta R.T. 0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 53150
Ion Ratio Lower Upper
43 100
72 26.3 21.1 31.7

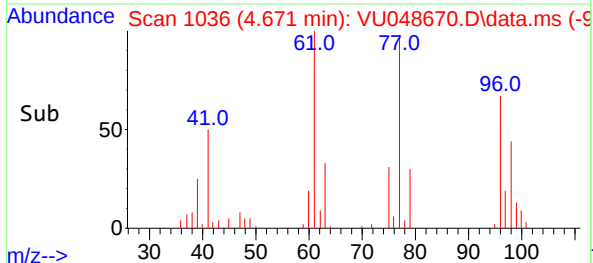
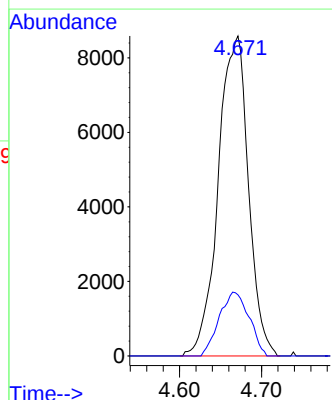
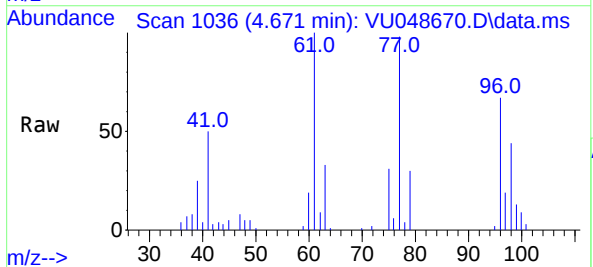
Manual Integrations
APPROVED

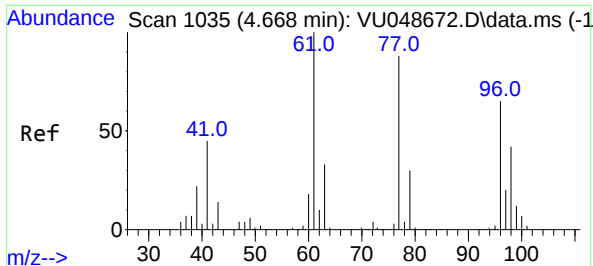
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#26
2,2-Dichloropropane
Concen: 5.120 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

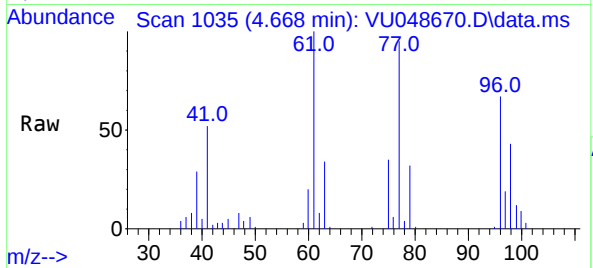
Tgt Ion: 77 Resp: 21940
Ion Ratio Lower Upper
77 100
97 19.8 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.933 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

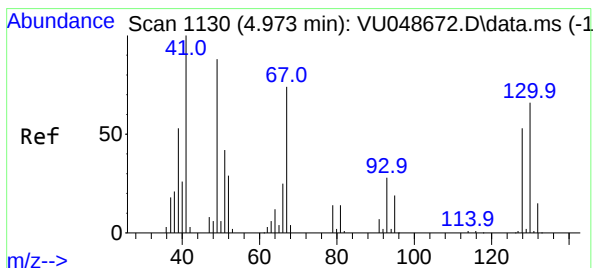
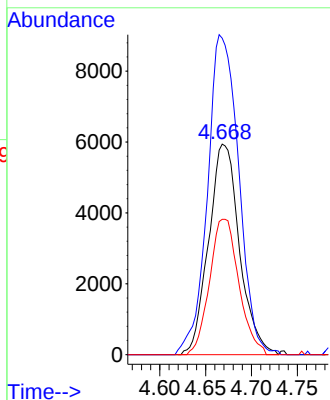
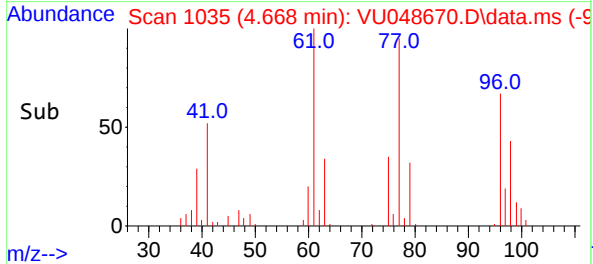
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



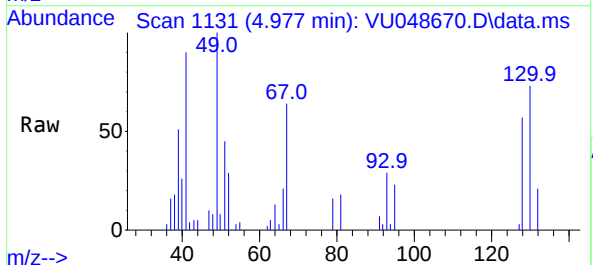
Tgt Ion: 96 Resp: 1390
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 306.2
 98 61.1 0.0 130.4

Manual Integrations
 APPROVED

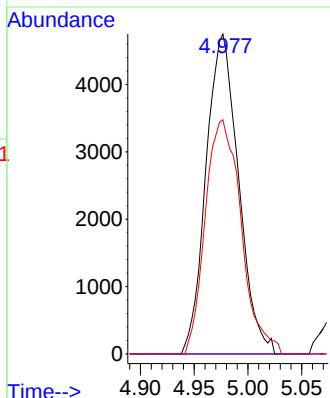
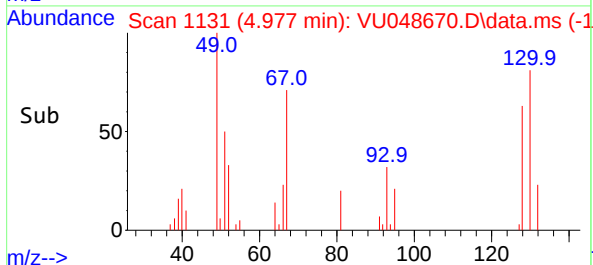
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

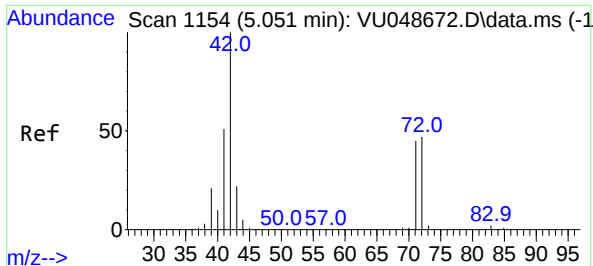


#28
 Bromochloromethane
 Concen: 5.327 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.003 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19



Tgt Ion: 49 Resp: 9980
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 80.7 62.1 93.1





#29

Tetrahydrofuran

Concen: 23.385 ug/l

RT: 5.057 min Scan# 1154

Delta R.T. 0.006 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

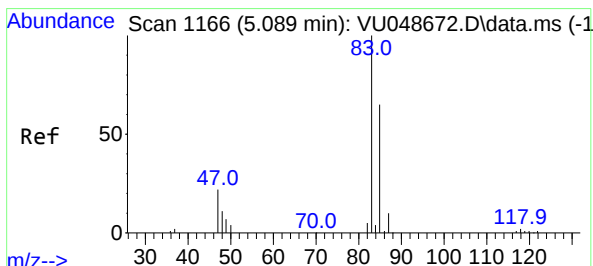
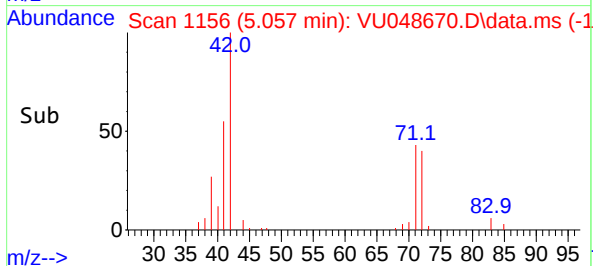
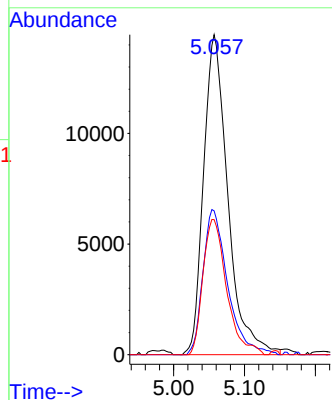
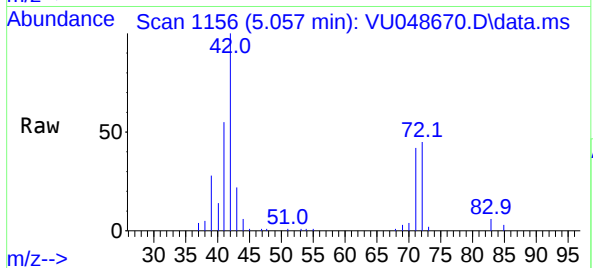
Tgt Ion:	42	Resp:	3442
Ion Ratio	Lower	Upper	
42	100		
72	46.1	37.6	56.4
71	41.2	35.0	52.4

Manual Integrations

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Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#30

Chloroform

Concen: 5.190 ug/l

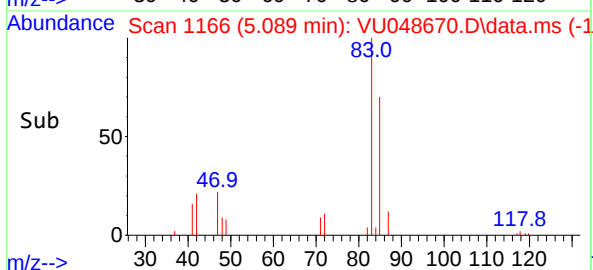
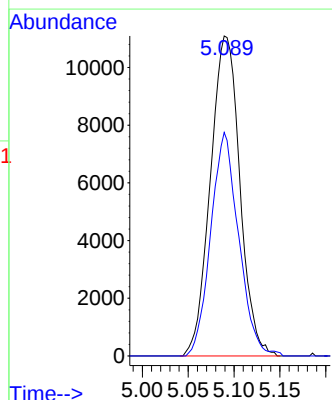
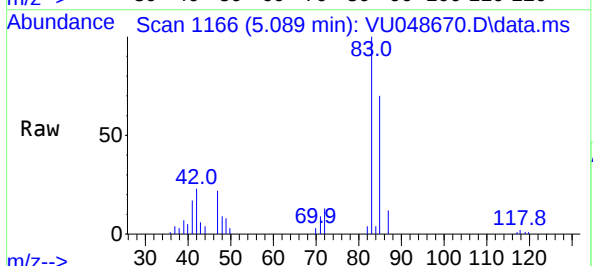
RT: 5.089 min Scan# 1166

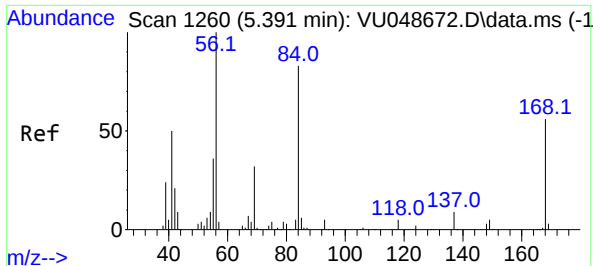
Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

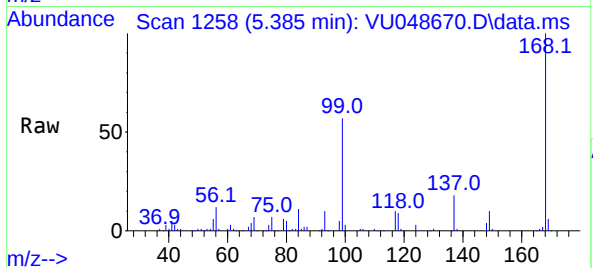
Tgt Ion:	83	Resp:	24802
Ion Ratio	Lower	Upper	
83	100		
85	69.8	52.2	78.2





#31
Cyclohexane
Concen: 5.433 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

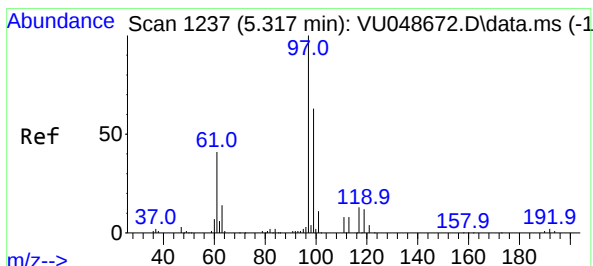
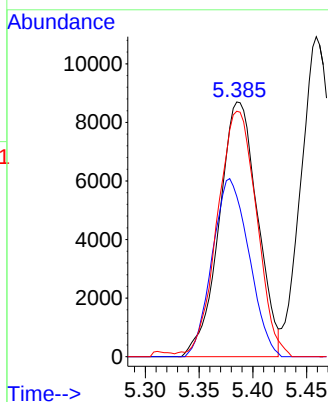
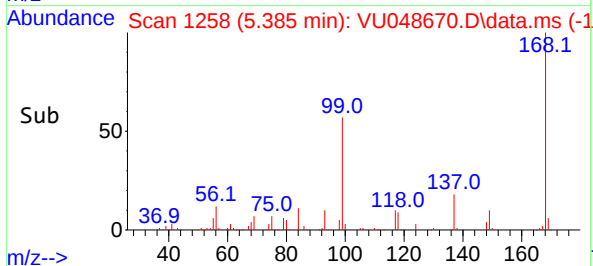
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



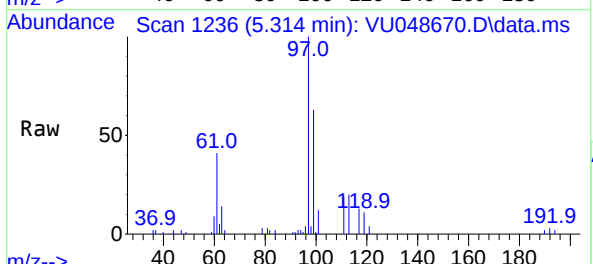
Tgt Ion: 56 Resp: 21504
Ion Ratio Lower Upper
56 100
69 62.9 25.6 38.4
84 94.8 66.2 99.4

Manual Integrations
APPROVED

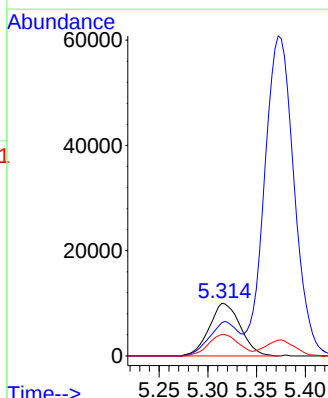
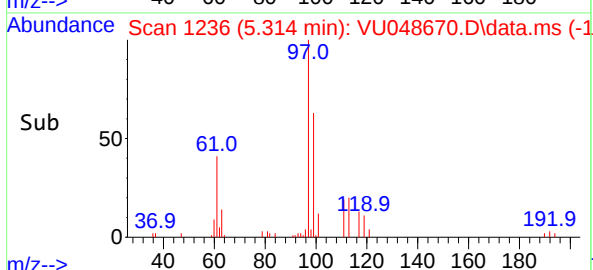
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

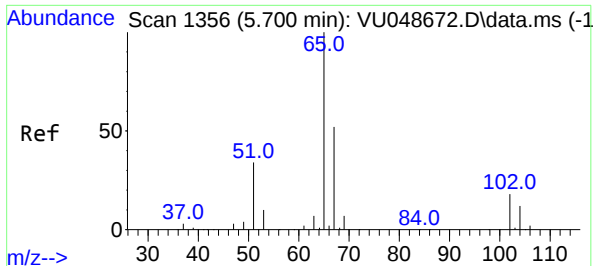


#32
1,1,1-Trichloroethane
Concen: 5.131 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



Tgt Ion: 97 Resp: 22247
Ion Ratio Lower Upper
97 100
99 61.6 51.6 77.4
61 40.1 34.5 51.7





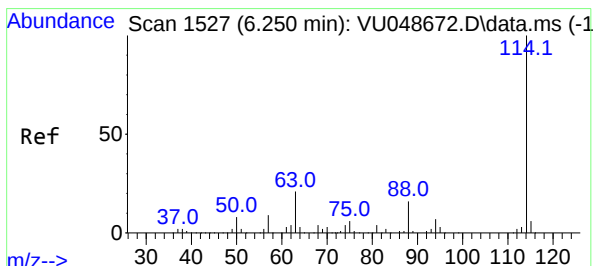
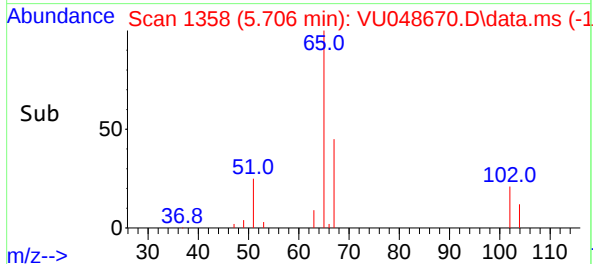
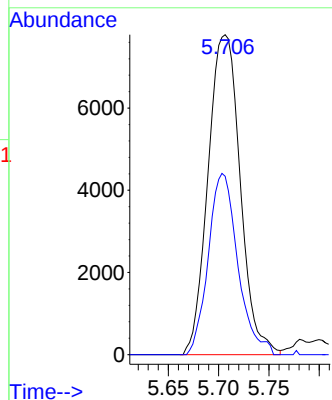
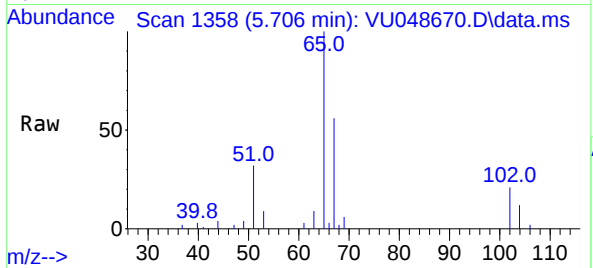
#33
1,2-Dichloroethane-d4
Concen: 5.516 ug/l
RT: 5.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 1732
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

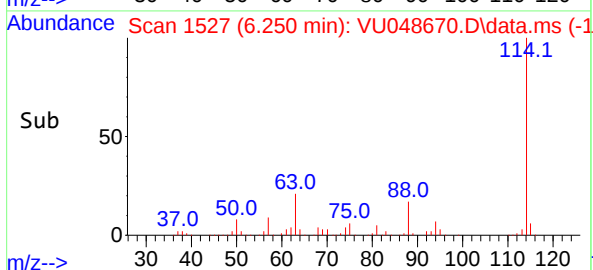
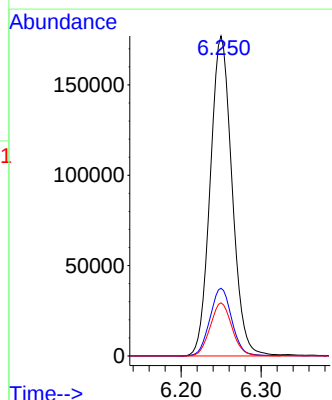
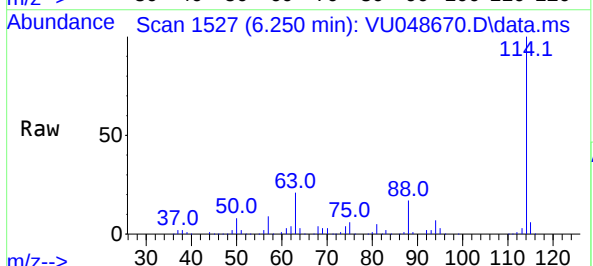
Manual Integrations
APPROVED

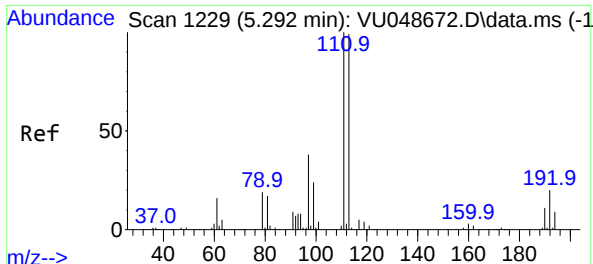
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

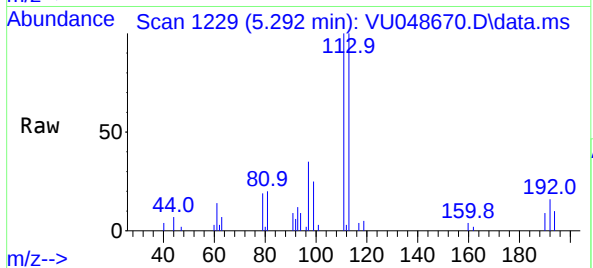
Tgt Ion:114 Resp: 334956
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.6
88 16.6 0.0 32.2





#35
Dibromofluoromethane
Concen: 5.288 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

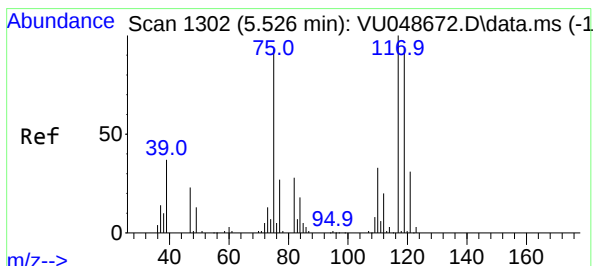
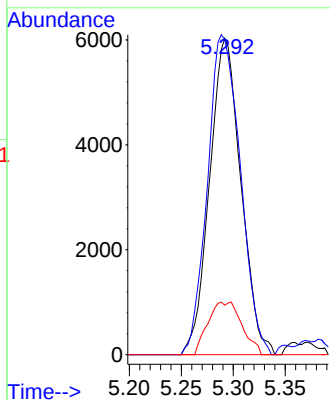
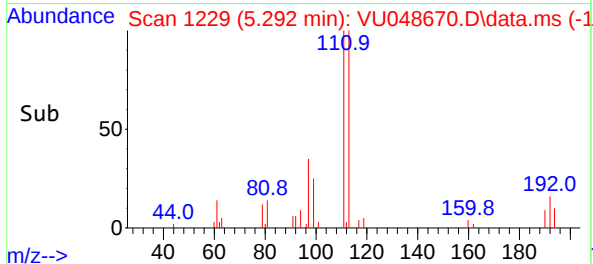
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



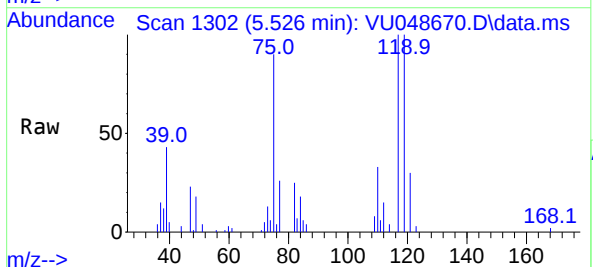
Tgt Ion: 113 Resp: 12630
Ion Ratio Lower Upper
113 100
111 106.1 80.7 121.1
192 18.0 15.9 23.9

Manual Integrations
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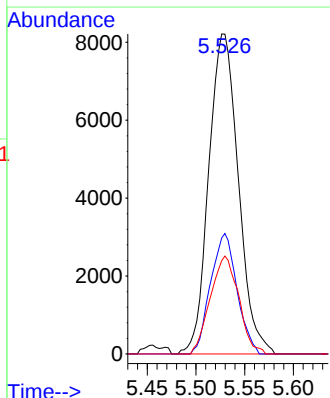
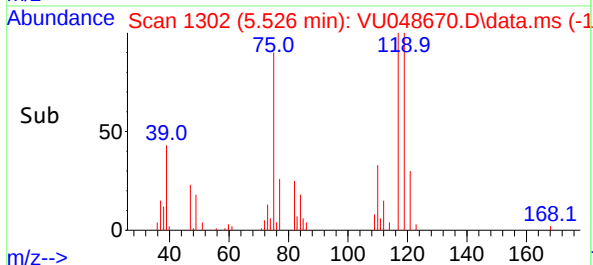
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

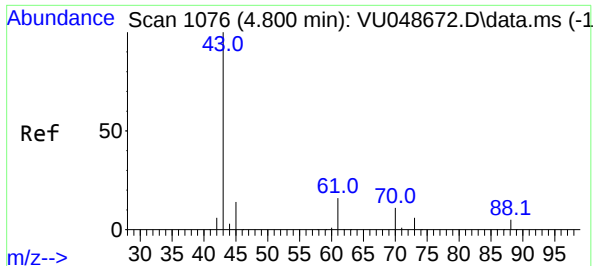


#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



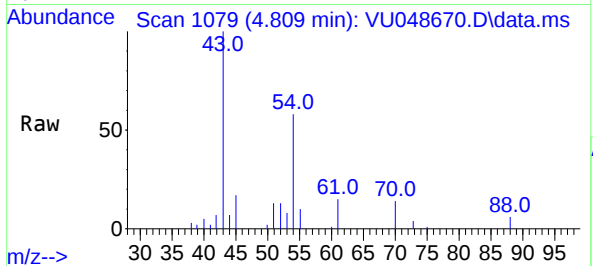
Tgt Ion: 75 Resp: 17360
Ion Ratio Lower Upper
75 100
110 33.5 17.4 52.3
77 29.3 24.8 37.2





#37
Ethyl Acetate
Concen: 4.513 ug/l m
RT: 4.809 min Scan# 1076
Delta R.T. 0.010 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

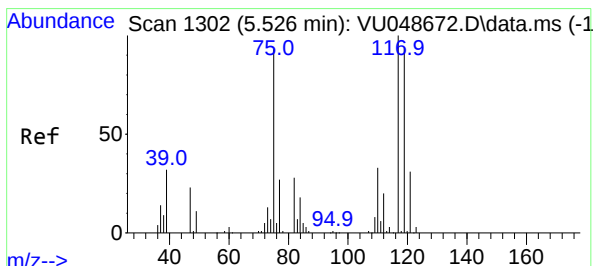
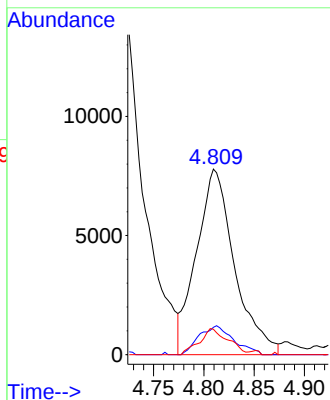
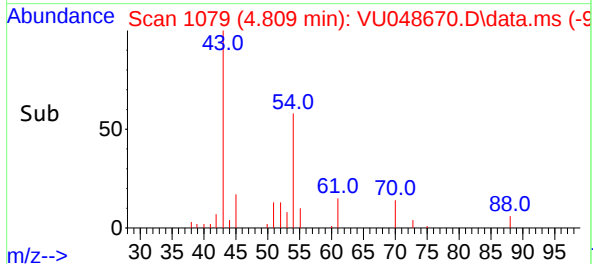
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 20518
Ion Ratio Lower Upper
43 100
61 14.2 11.7 17.5
70 10.5 8.4 12.6

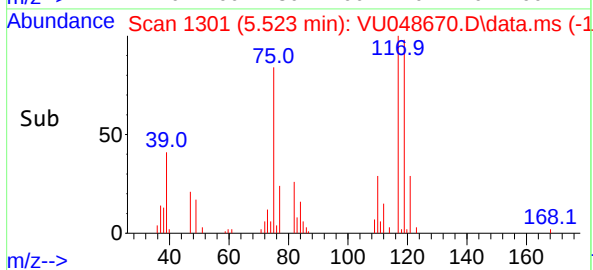
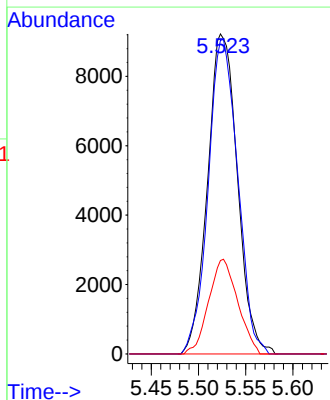
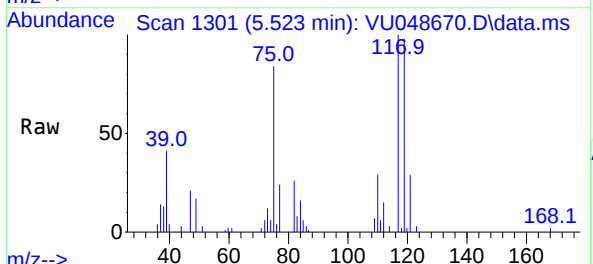
Manual Integrations
APPROVED

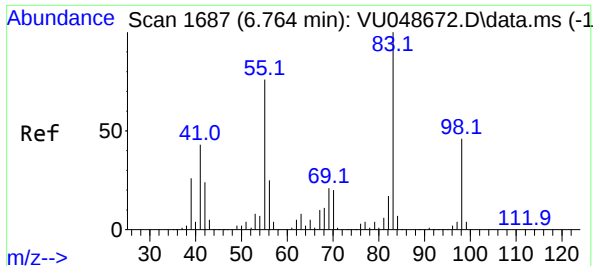
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#38
Carbon Tetrachloride
Concen: 5.058 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:117 Resp: 20237
Ion Ratio Lower Upper
117 100
119 98.0 75.4 113.2
121 29.2 24.6 36.8





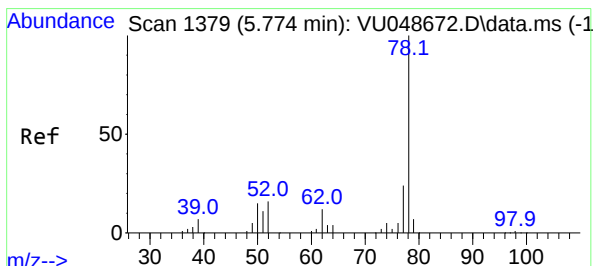
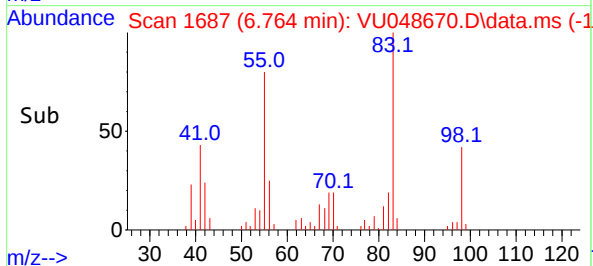
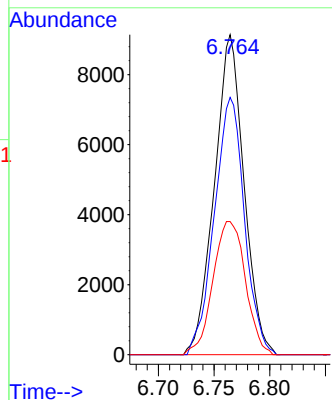
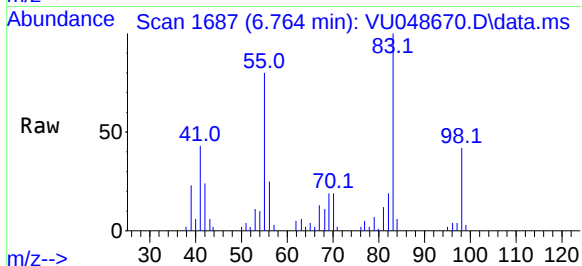
#39
Methylcyclohexane
Concen: 4.619 ug/l
RT: 6.764 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1689
Ion Ratio Lower Upper
83 100
55 80.4 61.0 91.6
98 41.6 36.8 55.2

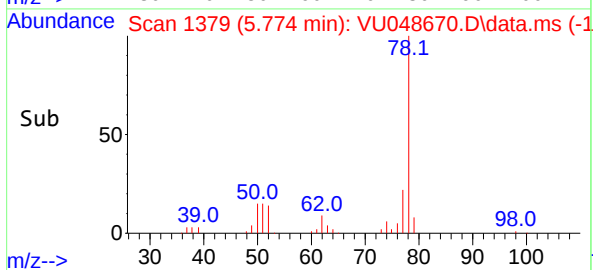
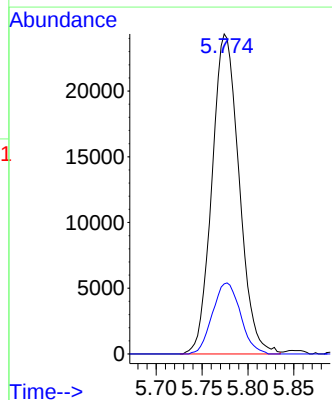
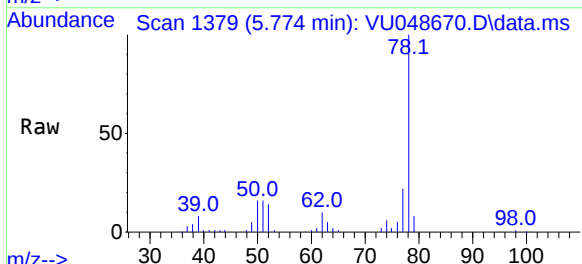
Manual Integrations
APPROVED

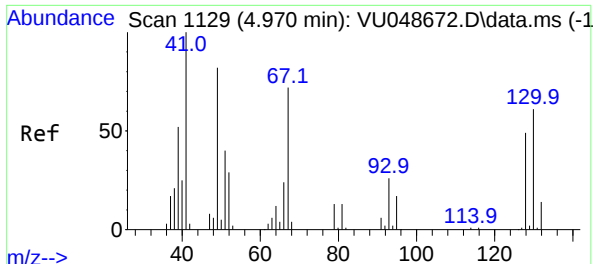
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#40
Benzene
Concen: 4.869 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 78 Resp: 50131
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.6





#41
Methacrylonitrile
Concen: 4.689 ug/l
RT: 4.980 min Scan# 1129
Delta R.T. 0.010 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

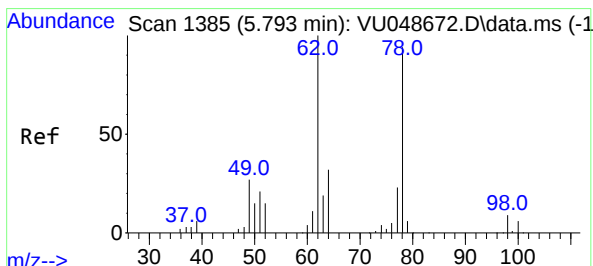
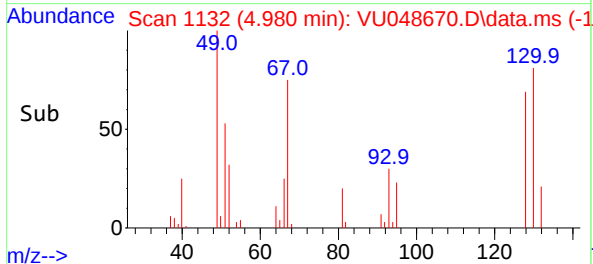
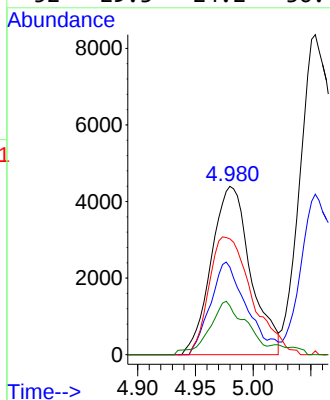
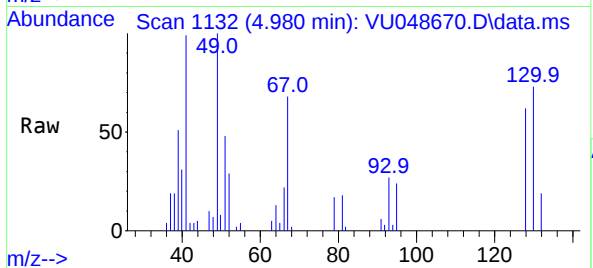
VSTDIC005

Tgt Ion: 41 Resp: 1044
Ion Ratio Lower Upper
41 100
39 51.6 42.6 64.0
67 76.0 61.0 91.4
52 29.3 24.2 36.4

Manual Integrations

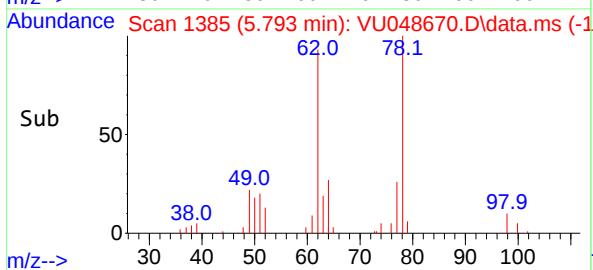
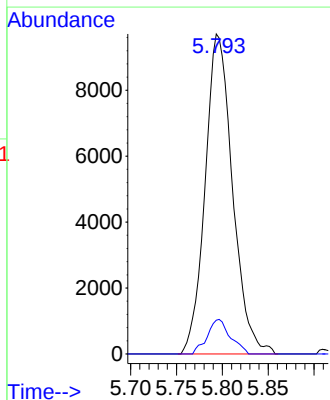
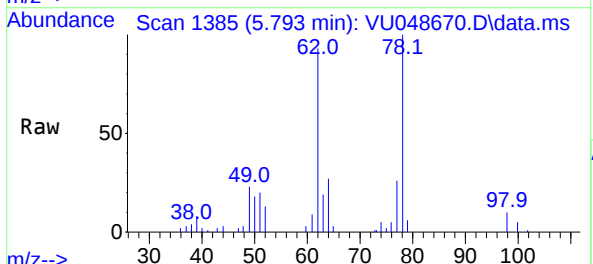
APPROVED

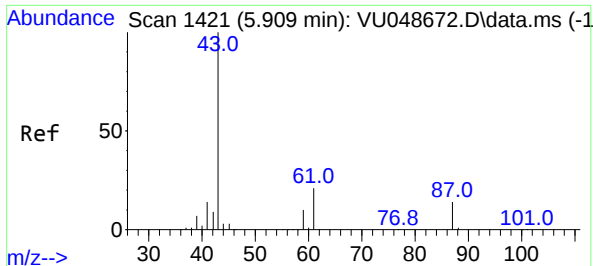
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#42
1,2-Dichloroethane
Concen: 5.008 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 62 Resp: 20186
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.0





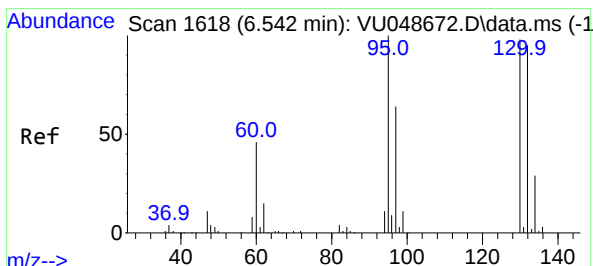
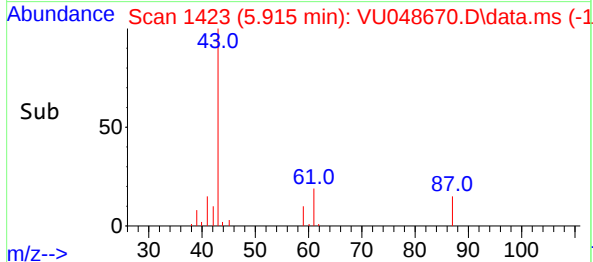
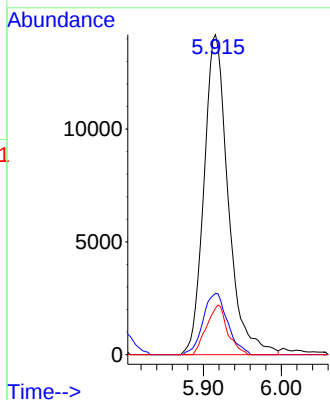
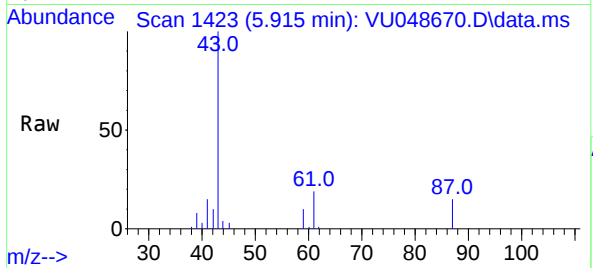
#43
Isopropyl Acetate
Concen: 4.782 ug/l
RT: 5.915 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 30604
Ion Ratio Lower Upper
43 100
61 19.4 16.7 25.1
87 13.4 10.9 16.3

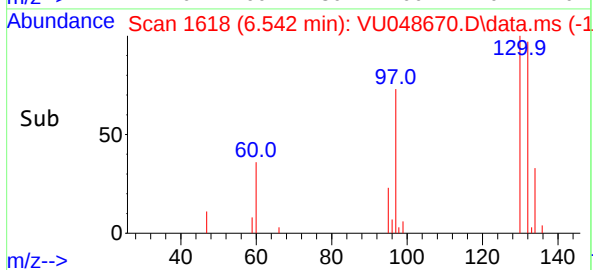
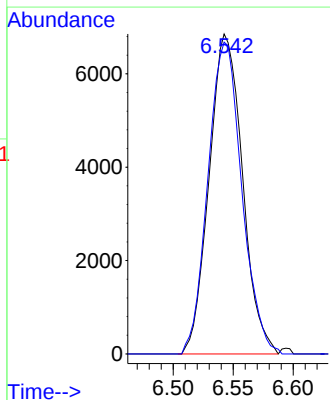
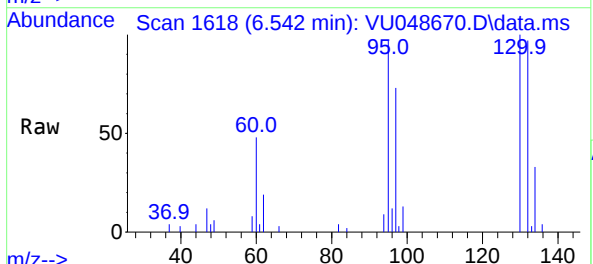
Manual Integrations
APPROVED

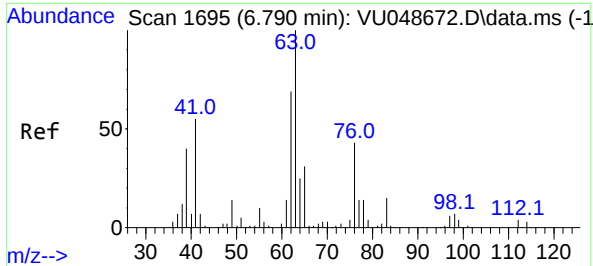
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#44
Trichloroethene
Concen: 4.990 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:130 Resp: 13238
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.8





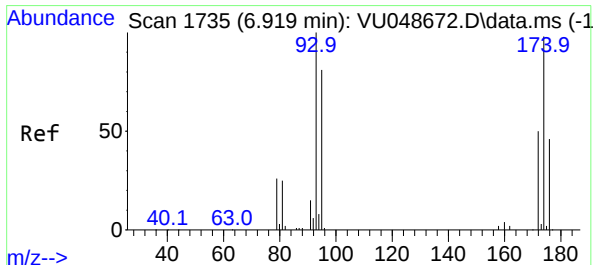
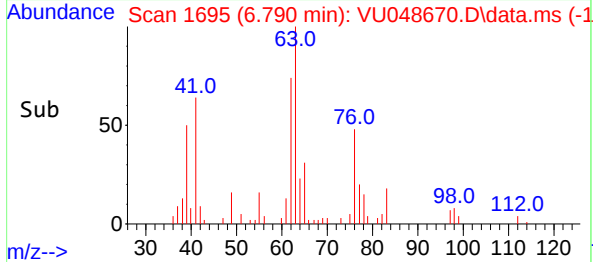
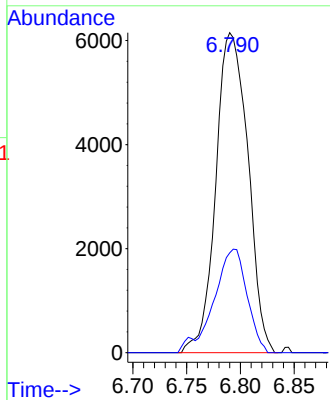
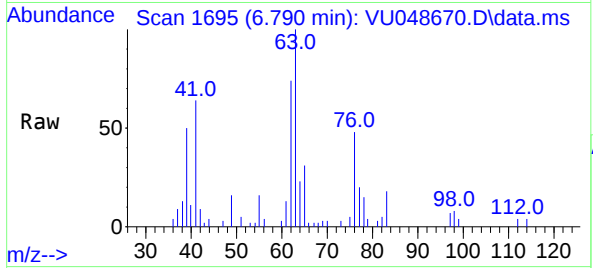
#45
1,2-Dichloropropane
Concen: 4.927 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 1277
Ion Ratio Lower Upper
63 100
65 31.2 24.8 37.2

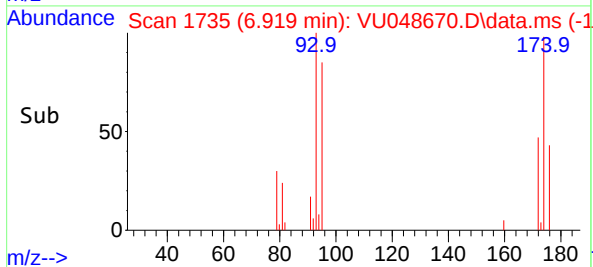
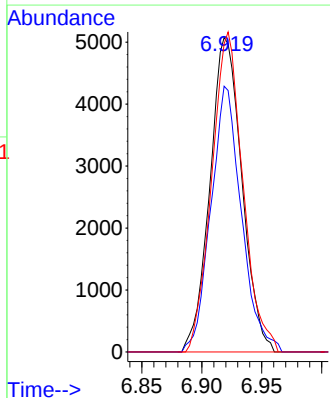
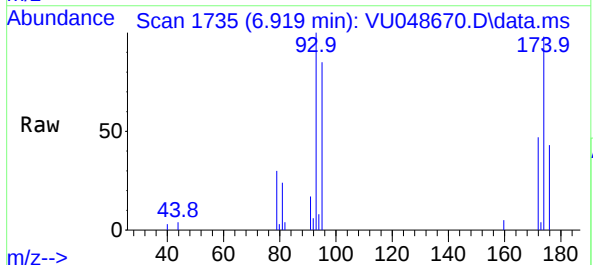
Manual Integrations
APPROVED

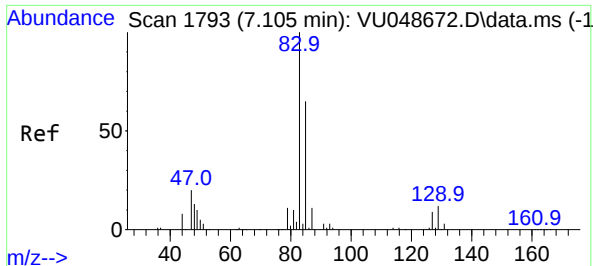
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#46
Dibromomethane
Concen: 4.855 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

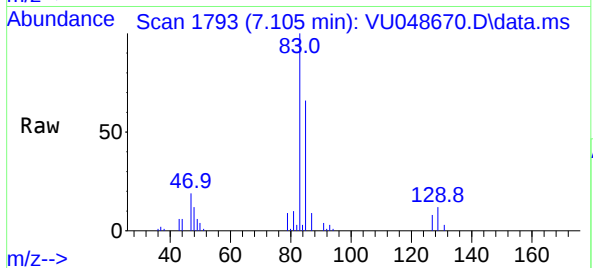
Tgt Ion: 93 Resp: 9403
Ion Ratio Lower Upper
93 100
95 80.7 65.1 97.7
174 99.1 77.8 116.6





#47
Bromodichloromethane
Concen: 4.866 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

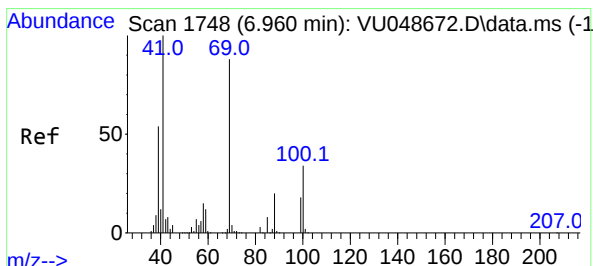
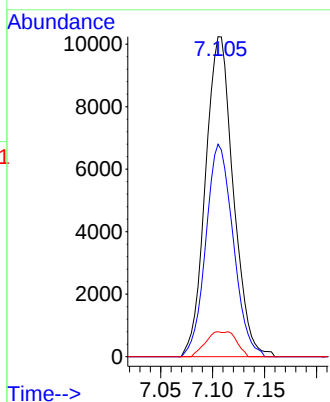
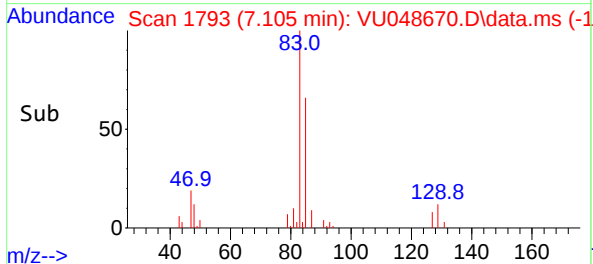
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



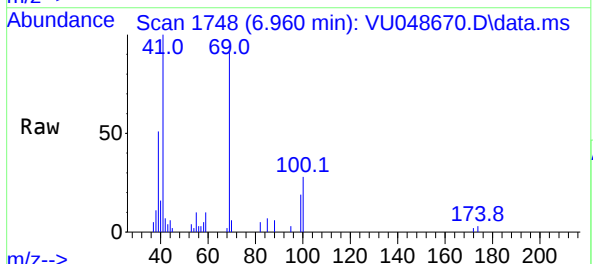
Tgt Ion: 83 Resp: 1905
Ion Ratio Lower Upper
83 100
85 66.4 52.1 78.1
127 7.8 6.9 10.3

Manual Integrations
APPROVED

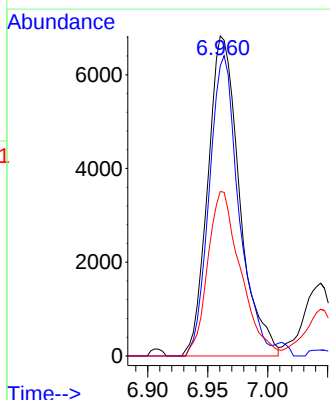
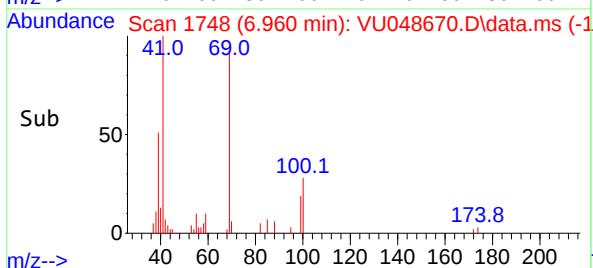
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

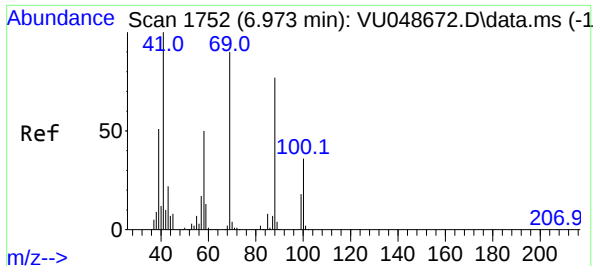


#48
Methyl methacrylate
Concen: 4.375 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



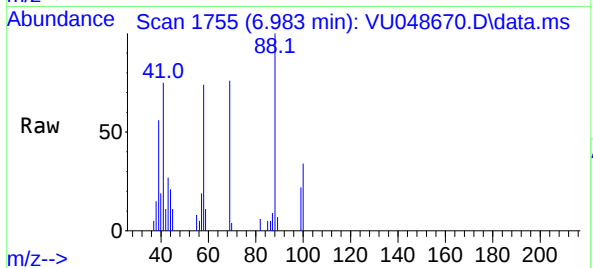
Tgt Ion: 41 Resp: 12568
Ion Ratio Lower Upper
41 100
69 87.2 70.7 106.1
39 53.4 43.4 65.2





#49
1,4-Dioxane
Concen: 83.837 ug/l
RT: 6.983 min Scan# 1752
Delta R.T. 0.010 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

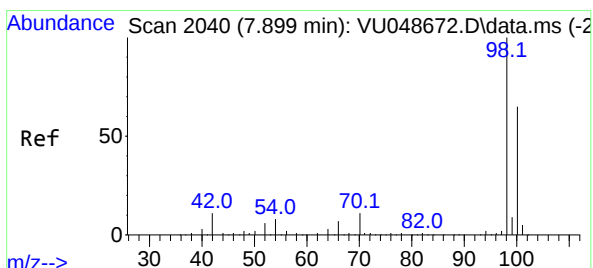
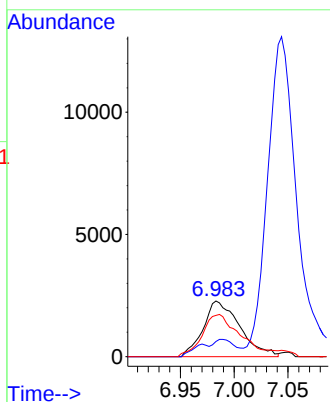
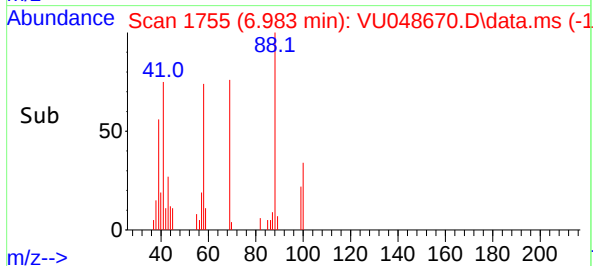
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 5384
Ion Ratio Lower Upper
88 100
43 0.0 24.6 36.8
58 83.8 54.7 82.1

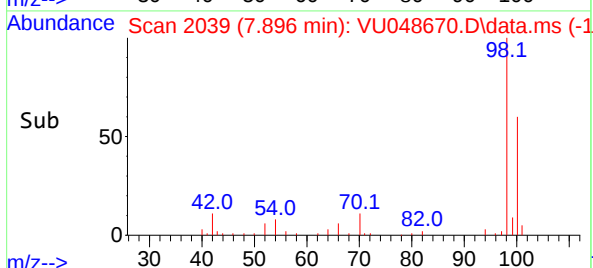
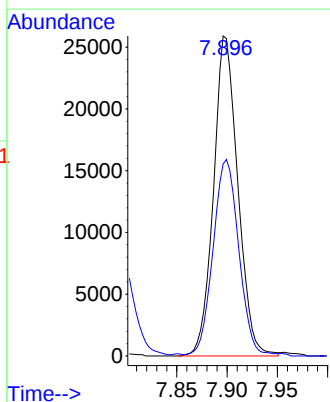
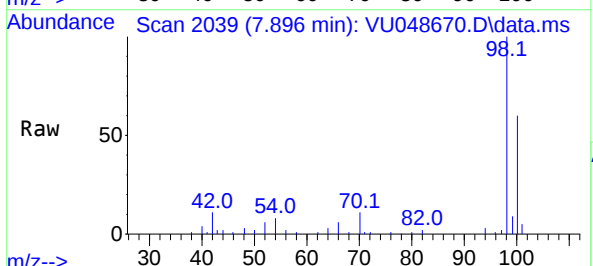
Manual Integrations
APPROVED

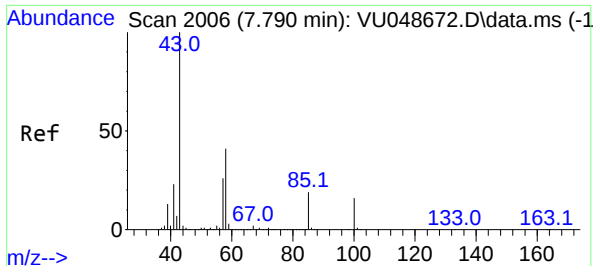
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#50
Toluene-d8
Concen: 5.089 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 98 Resp: 43596
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4





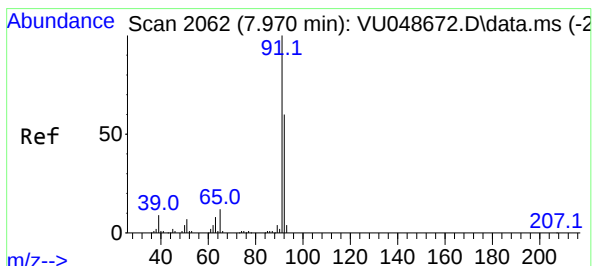
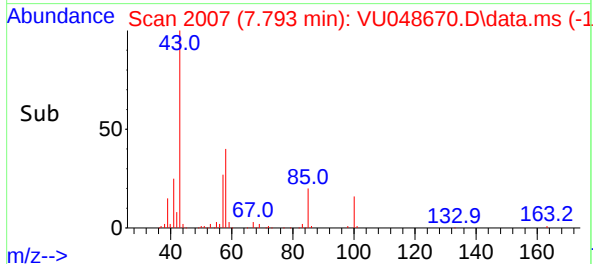
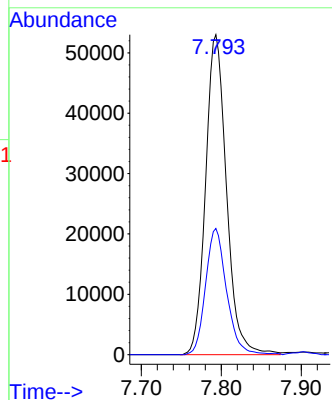
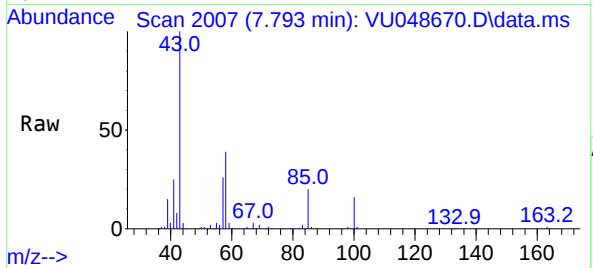
#51
4-Methyl-2-Pentanone
Concen: 23.204 ug/l
RT: 7.793 min Scan# 2006
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 96418
Ion Ratio Lower Upper
43 100
58 39.6 32.7 49.1

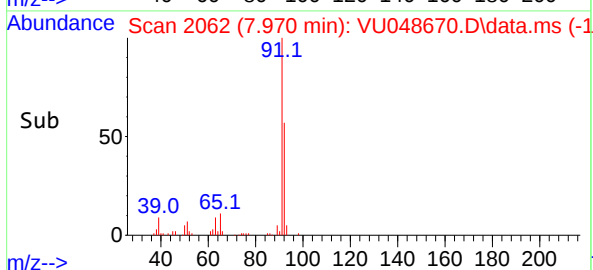
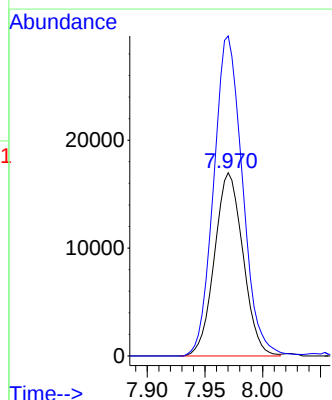
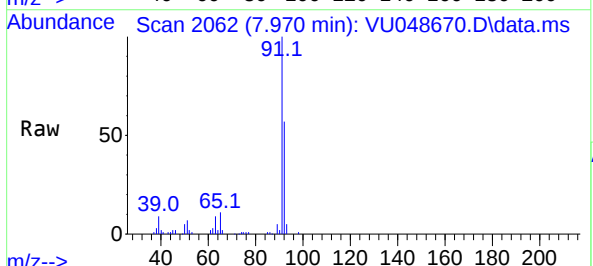
Manual Integrations
APPROVED

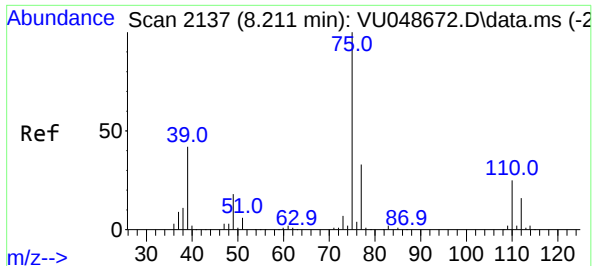
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#52
Toluene
Concen: 4.740 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

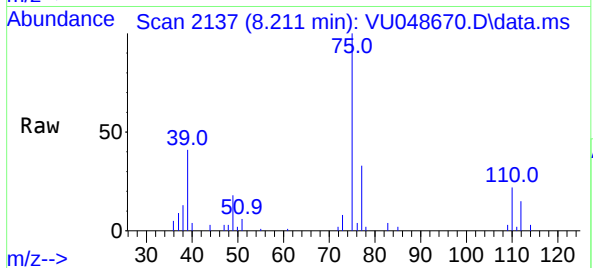
Tgt Ion: 92 Resp: 29196
Ion Ratio Lower Upper
92 100
91 176.8 135.0 202.4





#53
t-1,3-Dichloropropene
Concen: 4.651 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

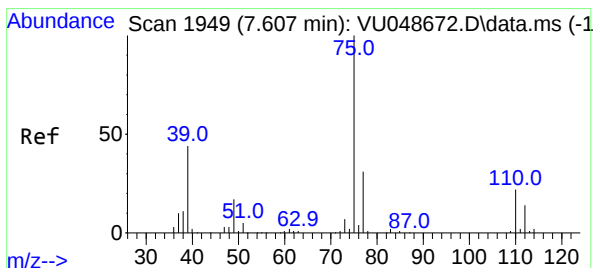
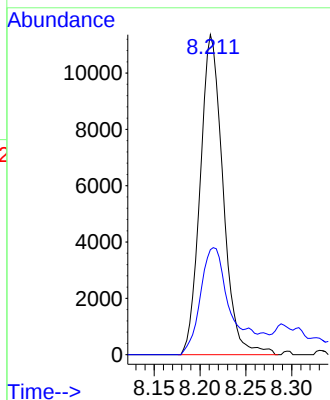
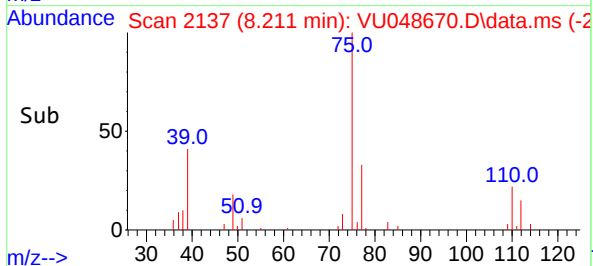
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1965
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4

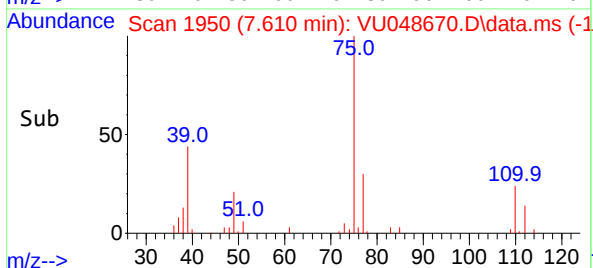
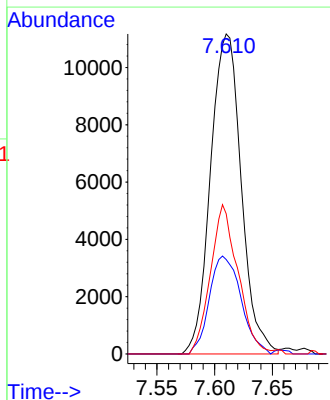
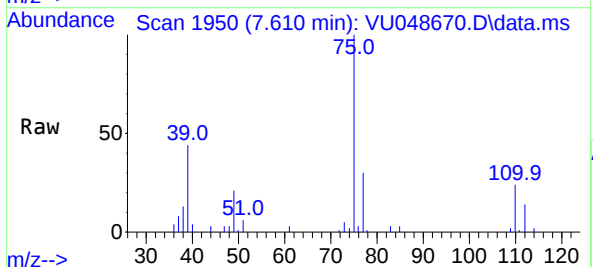
Manual Integrations
APPROVED

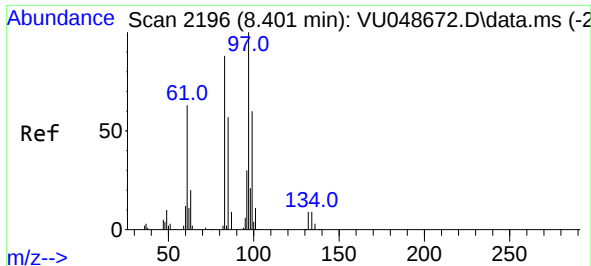
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#54
cis-1,3-Dichloropropene
Concen: 4.719 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

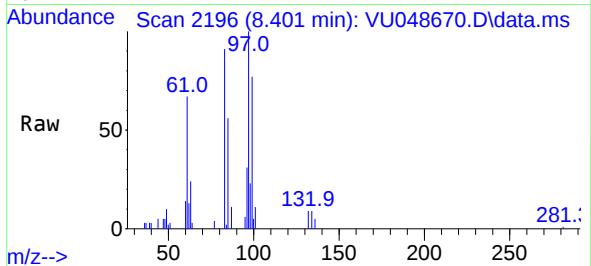
Tgt Ion: 75 Resp: 20659
Ion Ratio Lower Upper
75 100
77 29.5 24.9 37.3
39 43.8 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 4.719 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

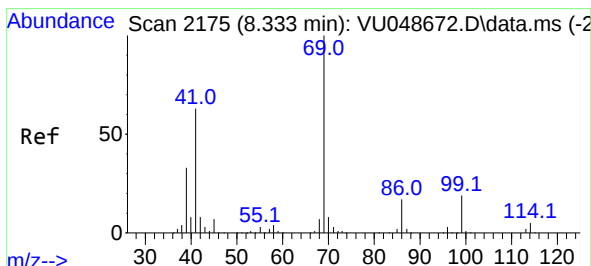
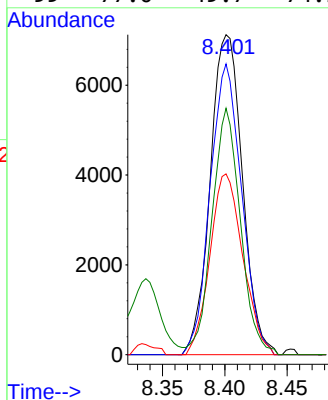
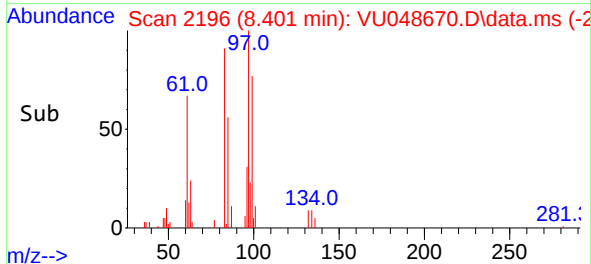
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



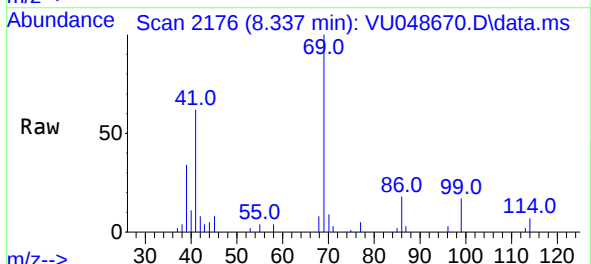
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.2	105.4
85	56.5	45.6	68.4
99	77.0	49.7	74.5

Manual Integrations
APPROVED

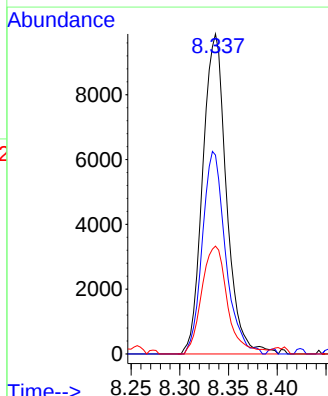
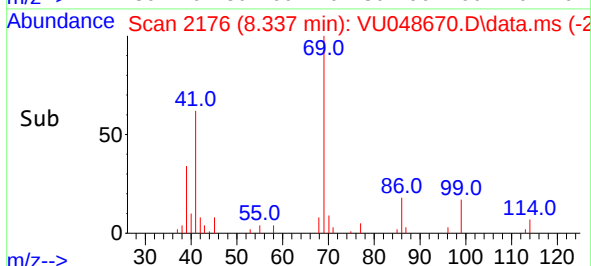
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

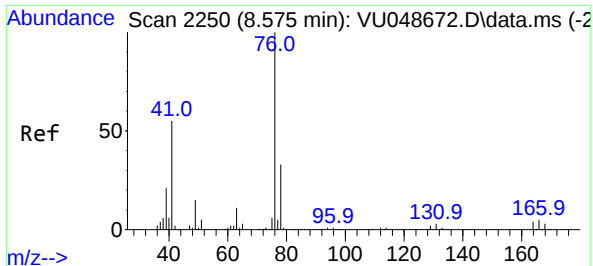


#56
Ethyl methacrylate
Concen: 4.414 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	50.6	76.0
39	36.7	26.6	40.0





#57
1,3-Dichloropropane
Concen: 4.607 ug/l
RT: 8.578 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

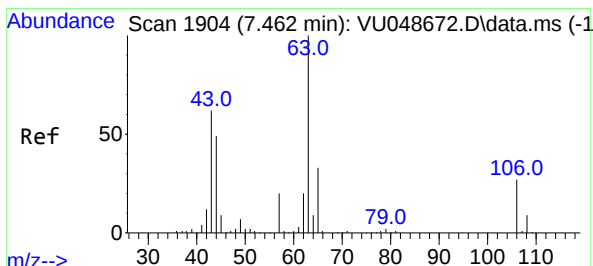
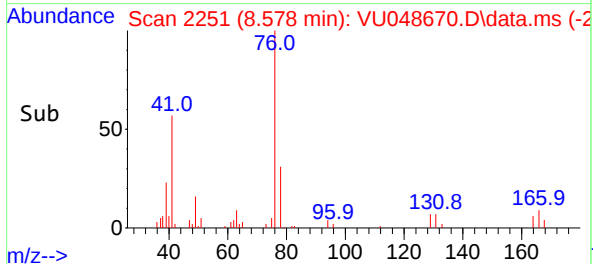
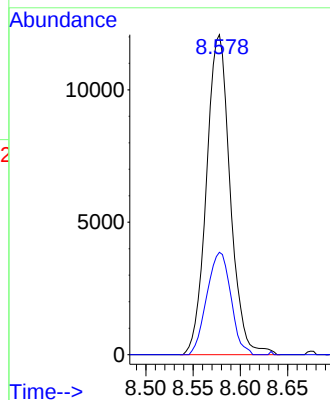
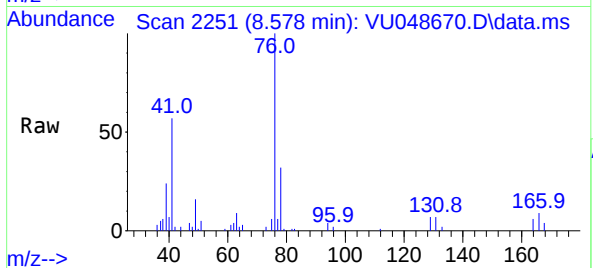
VSTDICC005

Tgt Ion: 76 Resp: 2107
Ion Ratio Lower Upper
76 100
78 32.4 26.6 39.8

Manual Integrations

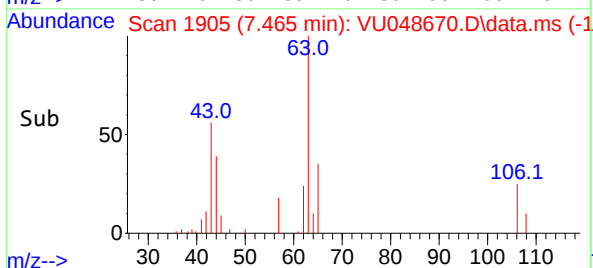
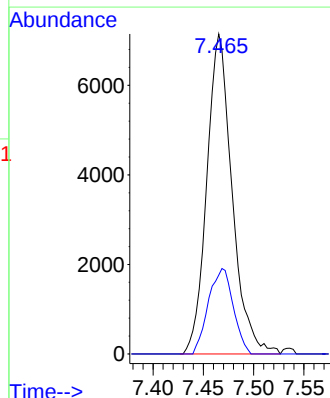
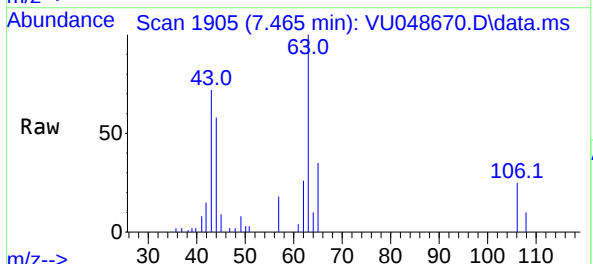
APPROVED

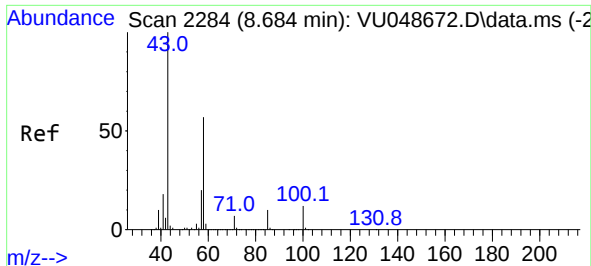
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#58
2-Chloroethyl Vinyl ether
Concen: 16.855 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 63 Resp: 12515
Ion Ratio Lower Upper
63 100
106 26.1 22.2 33.2





#59

2-Hexanone

Concen: 21.864 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 7458

Ion Ratio Lower Upper

43 100

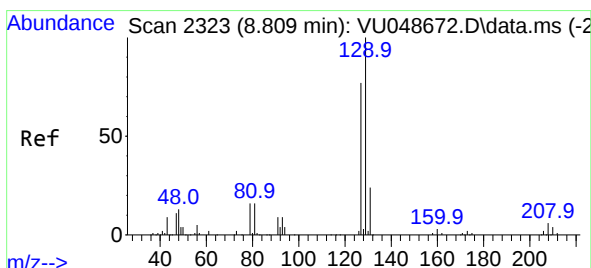
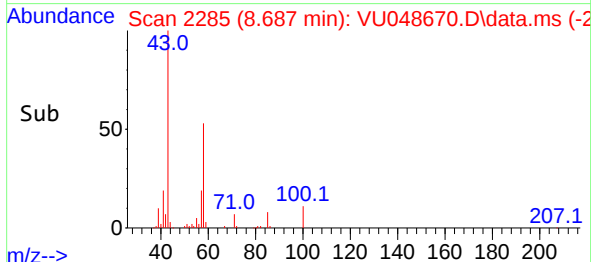
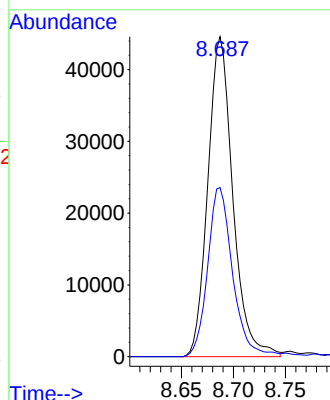
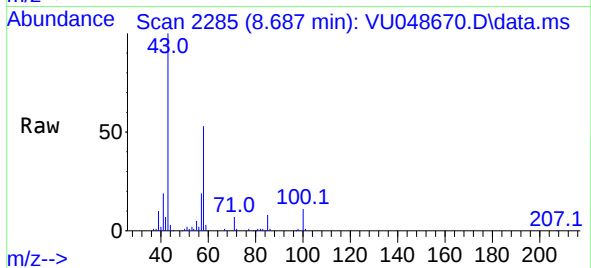
58 52.7 28.2 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#60

Dibromochloromethane

Concen: 4.552 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU048670.D

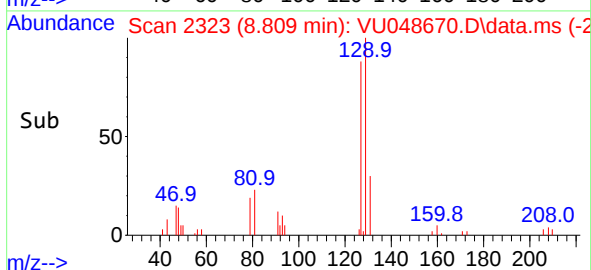
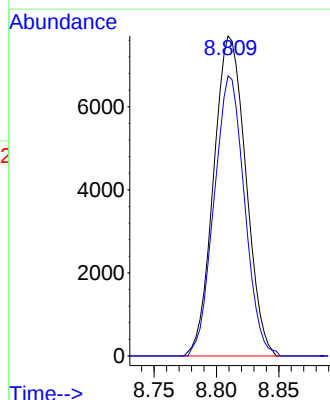
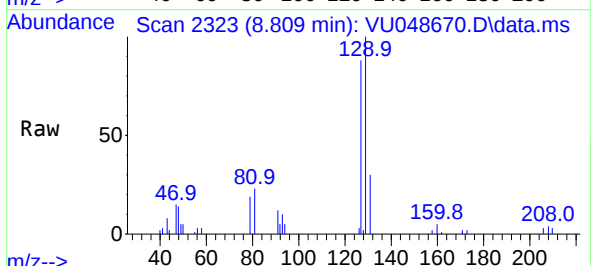
Acq: 26 May 2022 10:19

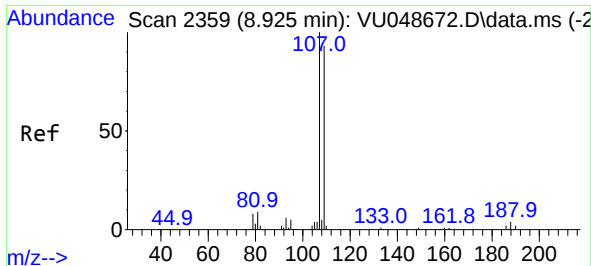
Tgt Ion:129 Resp: 13871

Ion Ratio Lower Upper

129 100

127 82.6 38.5 115.3





#61
1,2-Dibromoethane
Concen: 4.617 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

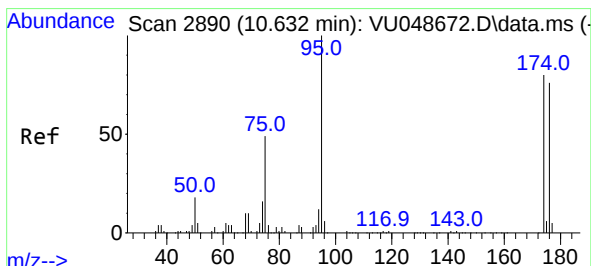
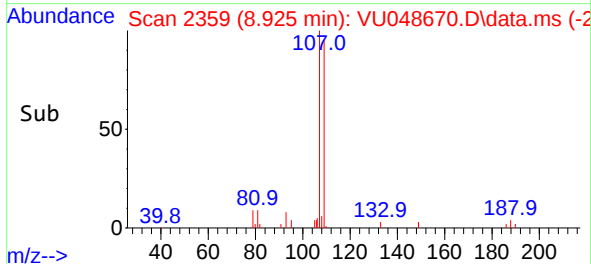
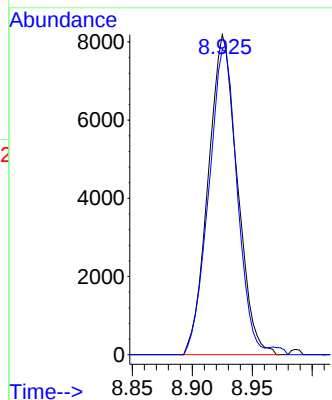
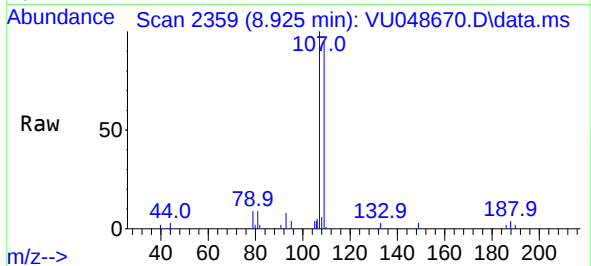
VSTDIC005

Tgt Ion:107 Resp: 13820
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5

Manual Integrations

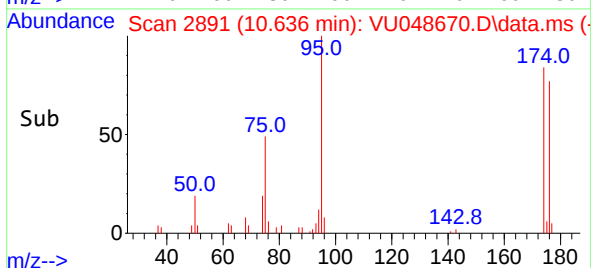
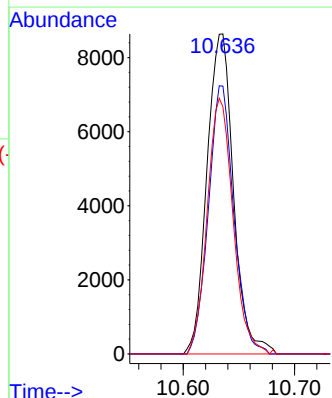
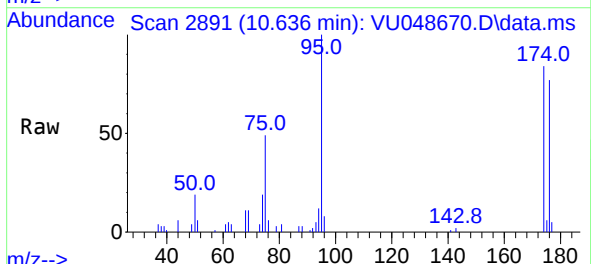
APPROVED

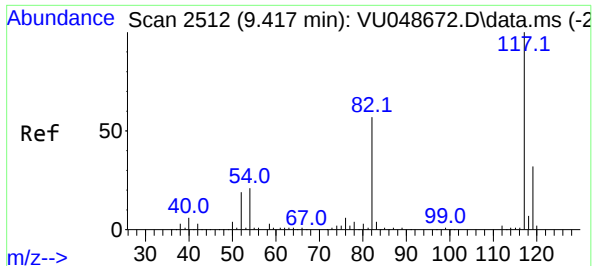
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#62
4-Bromofluorobenzene
Concen: 4.400 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

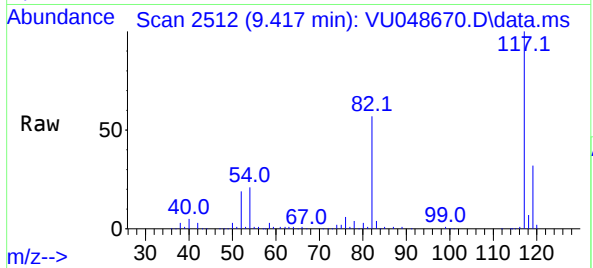
Tgt Ion: 95 Resp: 14255
Ion Ratio Lower Upper
95 100
174 80.6 0.0 159.4
176 78.0 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

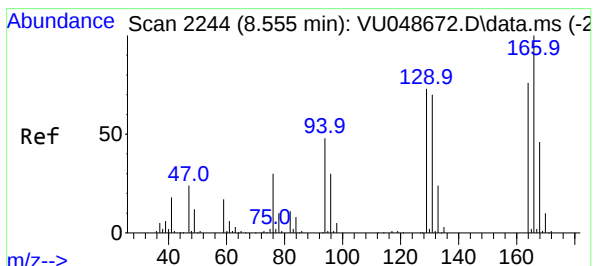
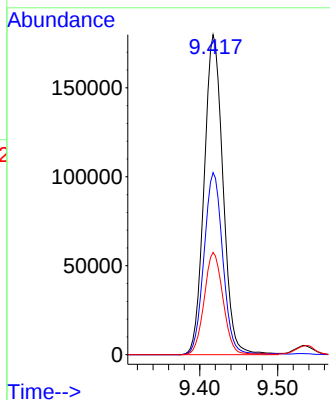
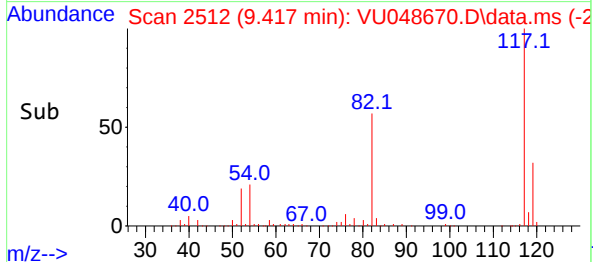
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



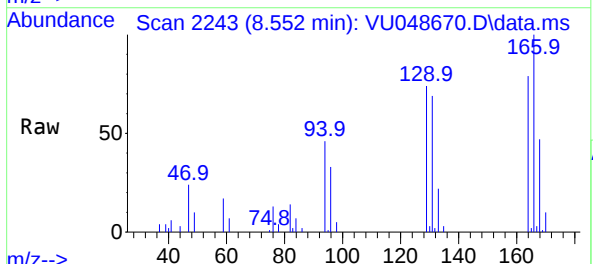
Tgt Ion:117 Resp: 302908
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.9 25.4 38.2

Manual Integrations
APPROVED

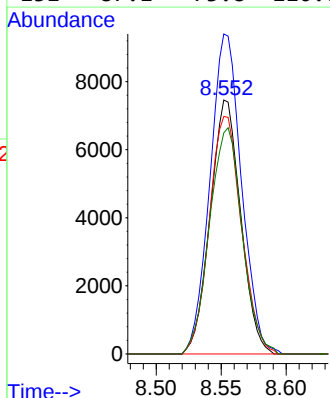
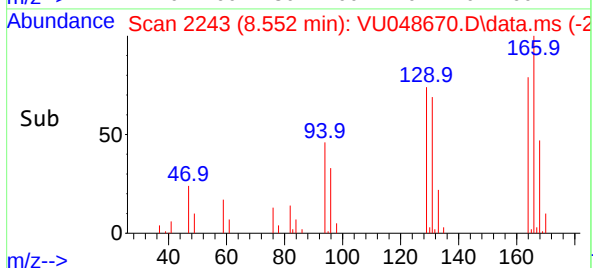
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

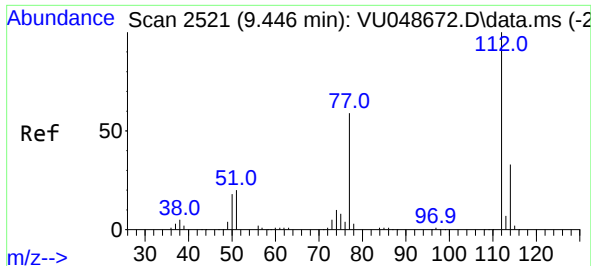


#64
Tetrachloroethene
Concen: 5.226 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



Tgt Ion:164 Resp: 12165
Ion Ratio Lower Upper
164 100
166 126.0 105.0 157.4
129 93.5 76.5 114.7
131 87.1 73.8 110.6





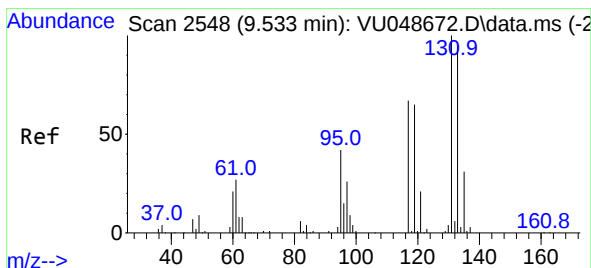
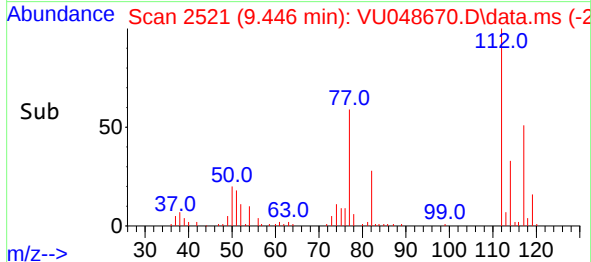
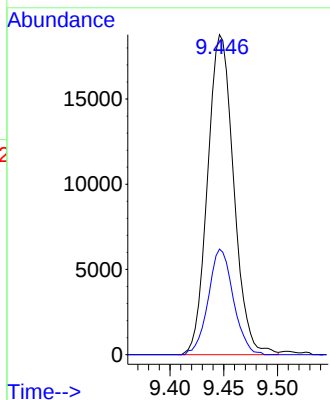
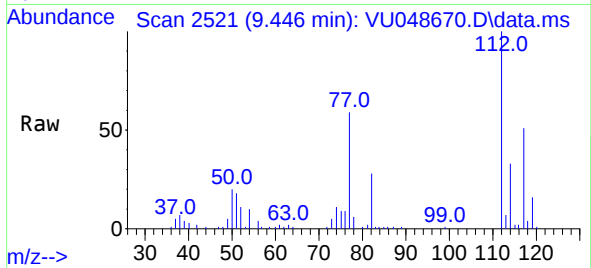
#65
Chlorobenzene
Concen: 4.952 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 31724
Ion Ratio Lower Upper
112 100
114 33.0 26.3 39.5

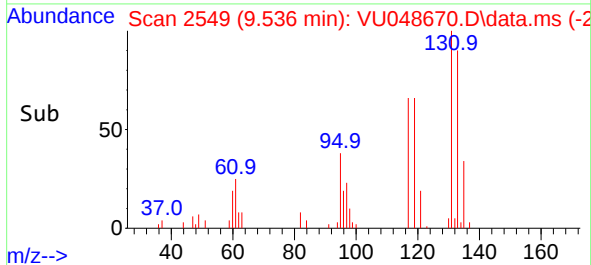
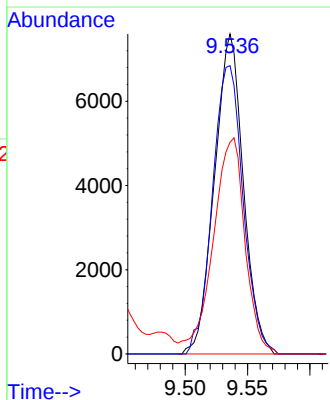
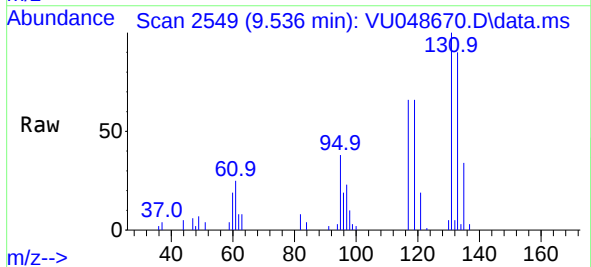
Manual Integrations
APPROVED

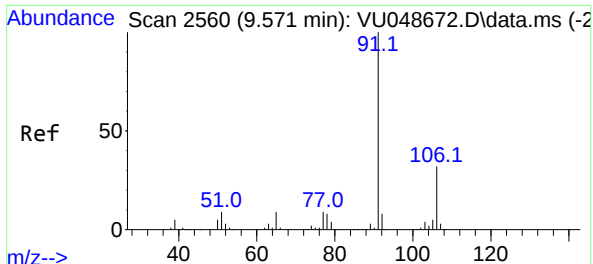
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.045 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:131 Resp: 12268
Ion Ratio Lower Upper
131 100
133 95.5 48.5 145.5
119 73.7 32.7 98.1





#67
Ethyl Benzene
Concen: 4.568 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

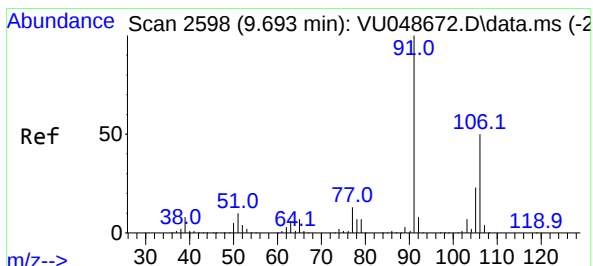
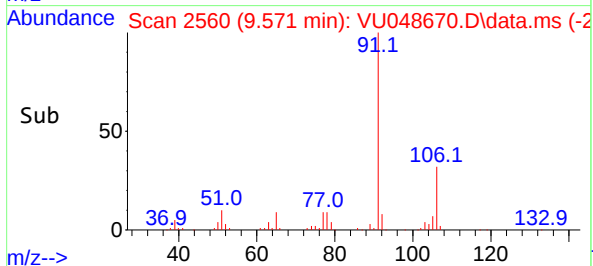
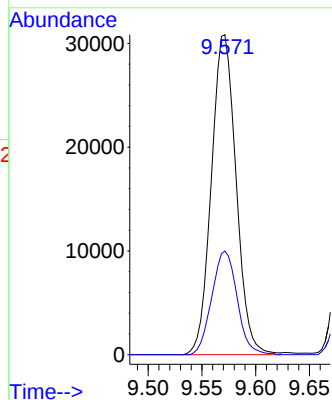
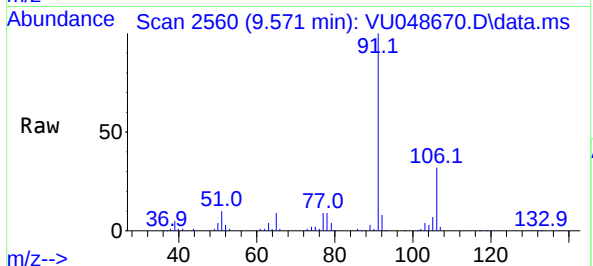
VSTDIC005

Tgt Ion: 91 Resp: 49362
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2

Manual Integrations

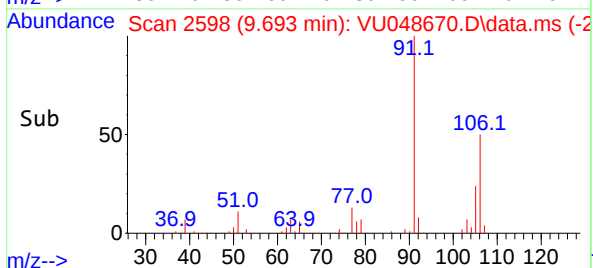
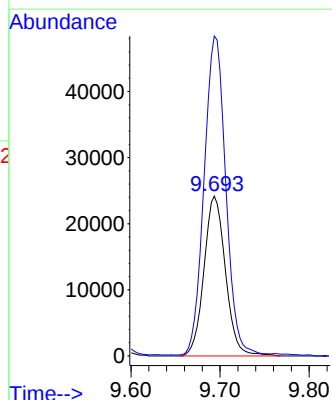
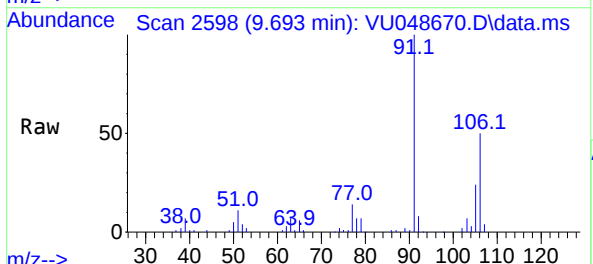
APPROVED

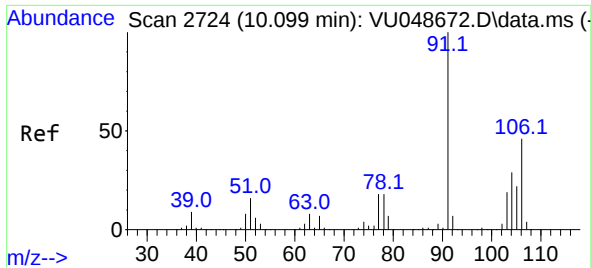
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#68
m/p-Xylenes
Concen: 9.593 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:106 Resp: 40542
Ion Ratio Lower Upper
106 100
91 201.0 162.4 243.6





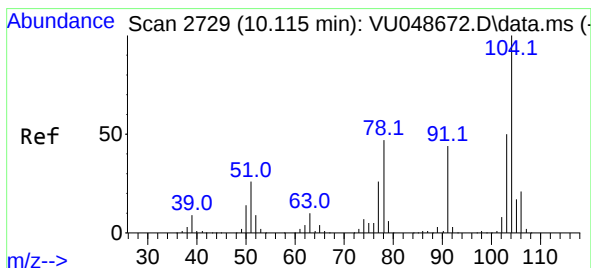
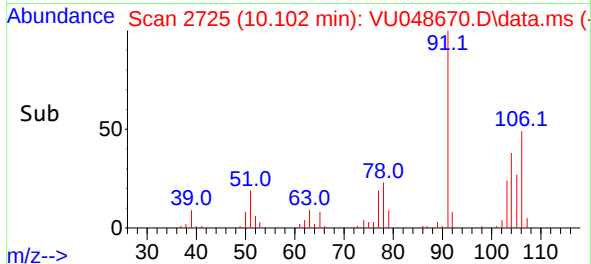
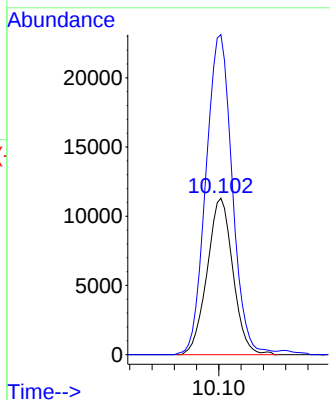
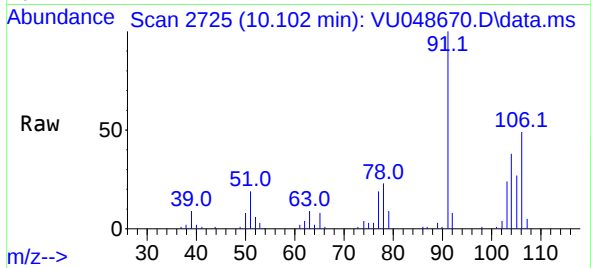
#69
o-Xylene
Concen: 4.385 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 18208
Ion Ratio Lower Upper
106 100
91 209.0 107.7 323.3

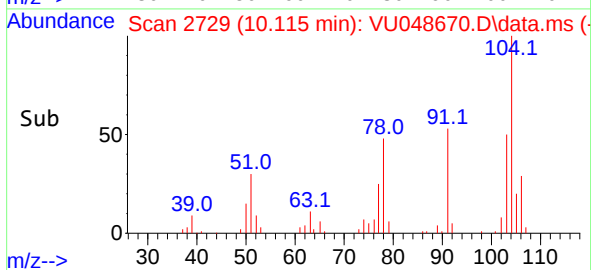
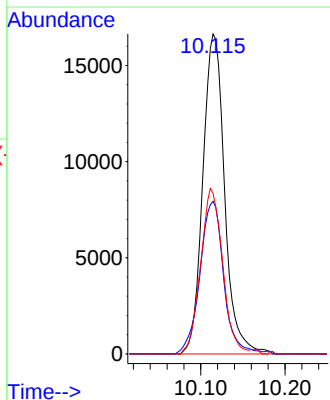
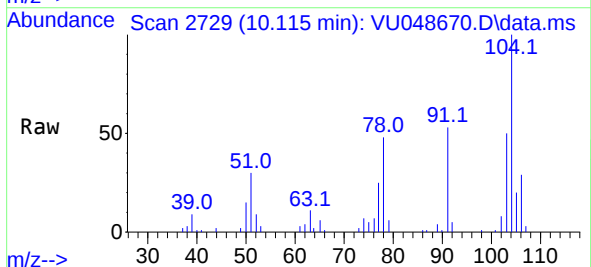
Manual Integrations
APPROVED

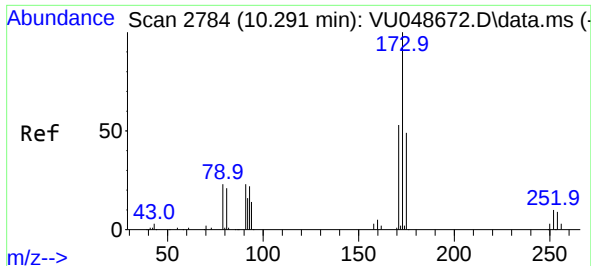
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#70
Styrene
Concen: 4.390 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:104 Resp: 29979
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 52.1 43.4 65.2





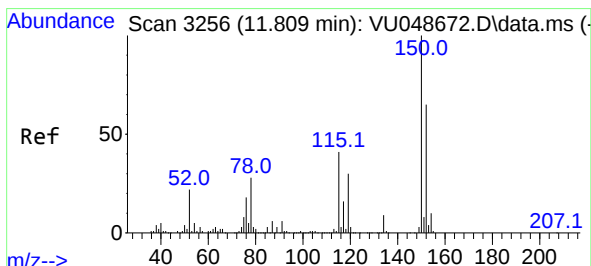
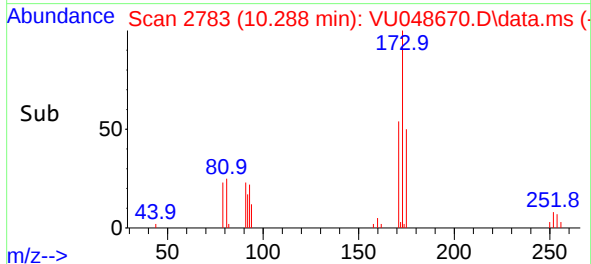
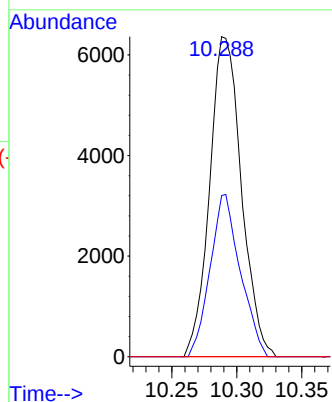
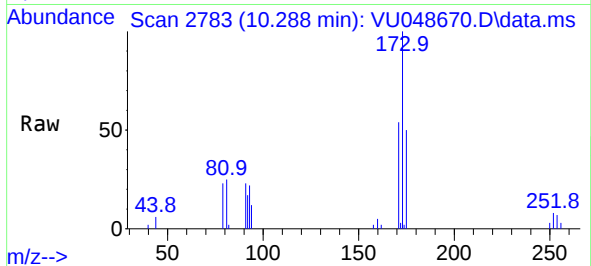
#71
Bromoform
Concen: 4.807 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 10809
Ion Ratio Lower Upper
173 100
175 48.1 24.5 73.5
254 0.0 0.0 0.0

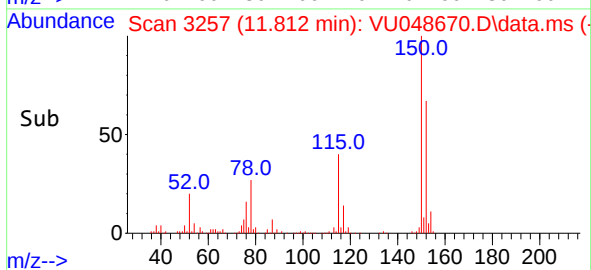
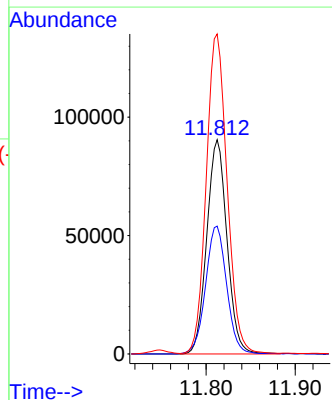
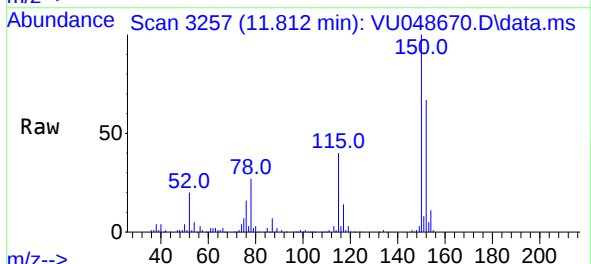
Manual Integrations
APPROVED

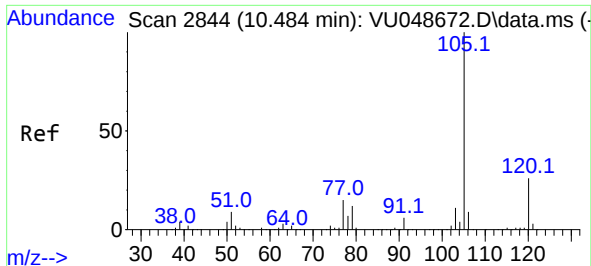
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:152 Resp: 142555
Ion Ratio Lower Upper
152 100
115 62.1 41.8 125.4
150 153.0 0.0 341.0





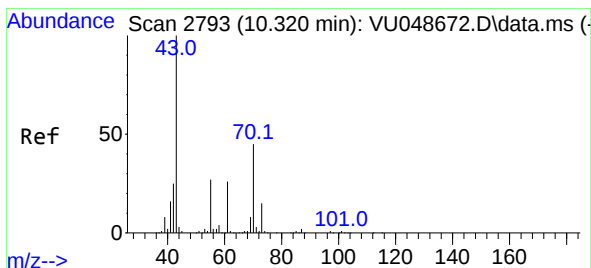
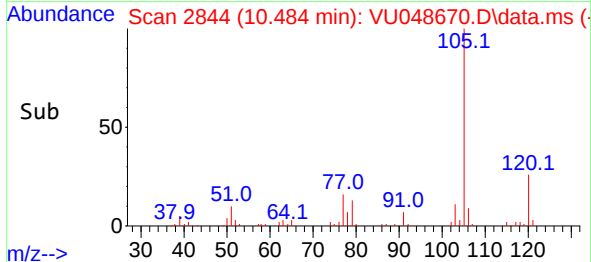
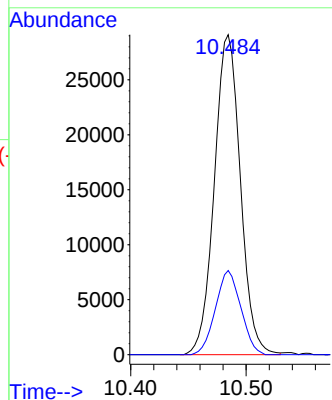
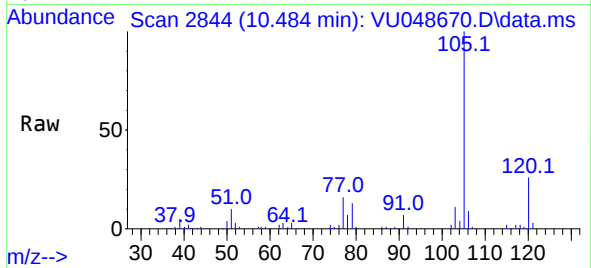
#73
Isopropylbenzene
Concen: 4.949 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 45544
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

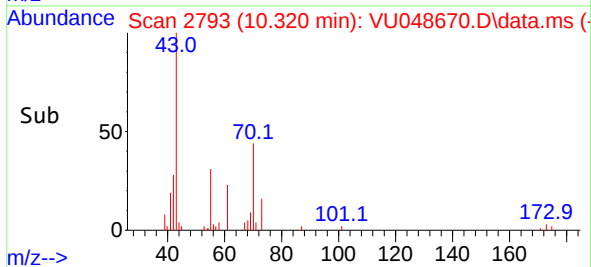
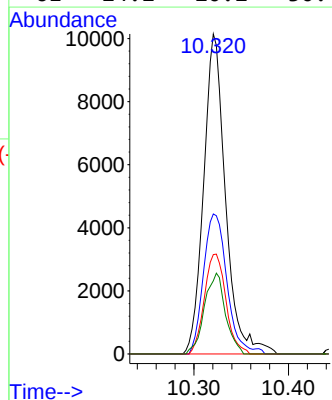
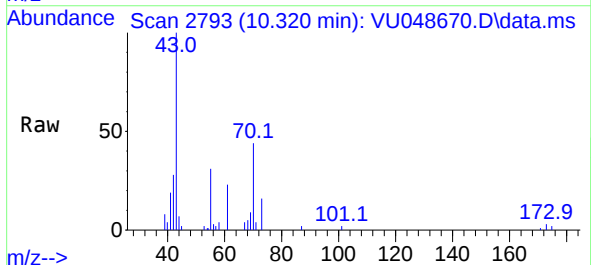
Manual Integrations
APPROVED

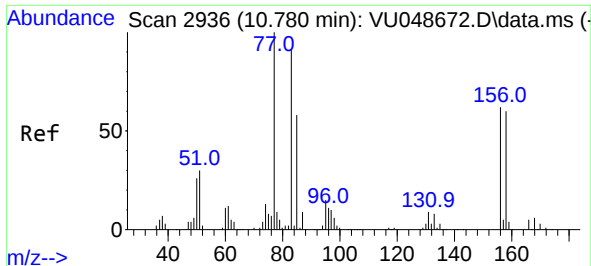
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#74
N-ethyl acetate
Concen: 4.101 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 43 Resp: 16316
Ion Ratio Lower Upper
43 100
70 47.0 35.8 53.6
55 30.7 21.1 31.7
61 24.2 20.2 30.4





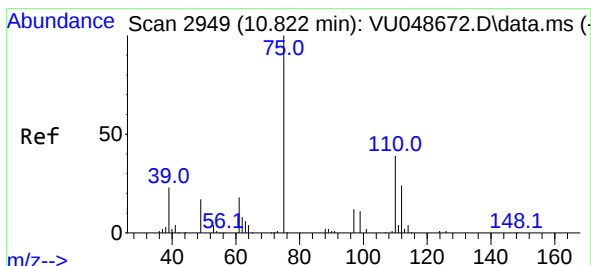
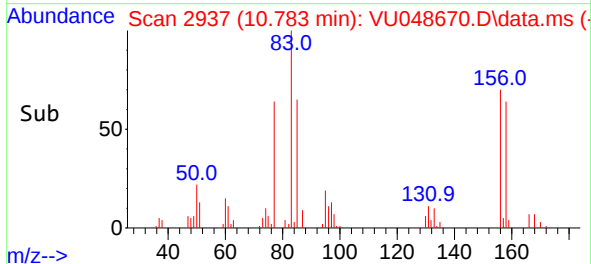
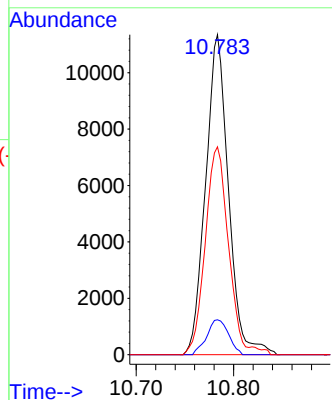
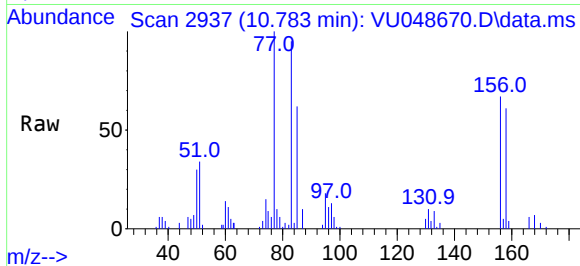
#75
1,1,2,2-Tetrachloroethane
Concen: 4.918 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1847
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 66.4 32.5 97.4

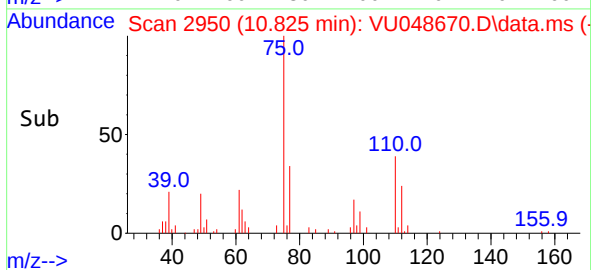
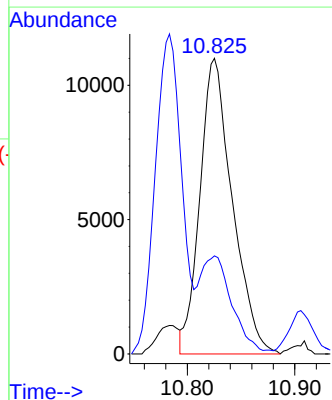
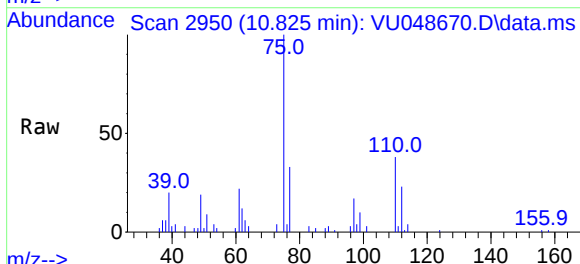
Manual Integrations
APPROVED

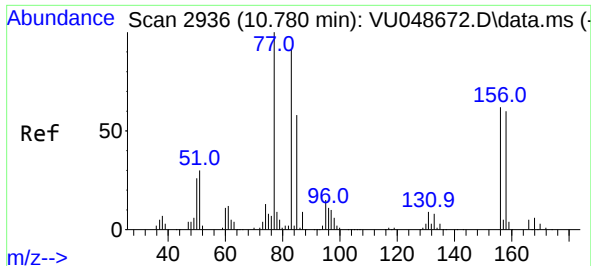
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,2,3-Trichloropropane
Concen: 5.874 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 75 Resp: 23066
Ion Ratio Lower Upper
75 100
77 31.0 14.8 44.3





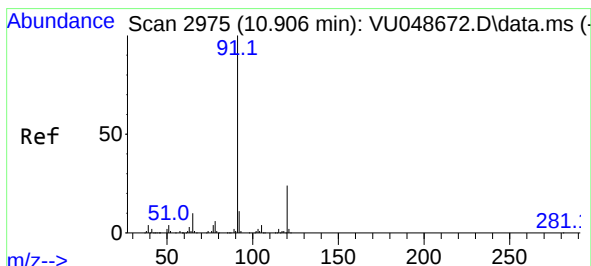
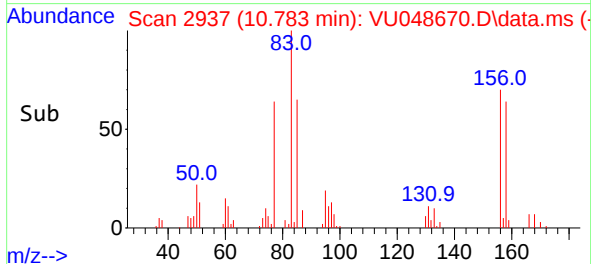
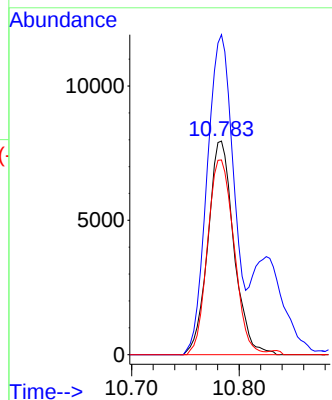
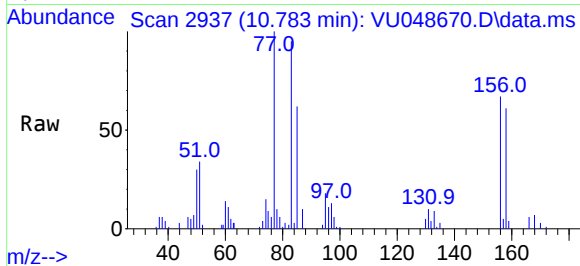
#77
Bromobenzene
Concen: 5.404 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 13358
Ion Ratio Lower Upper
156 100
77 152.6 81.1 243.3
158 92.8 48.8 146.4

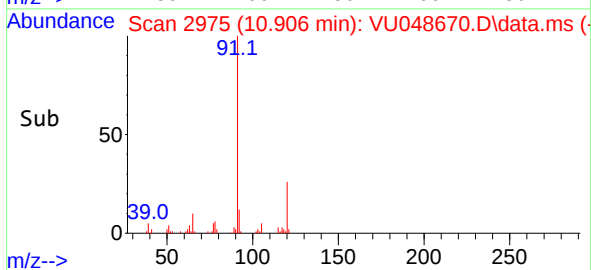
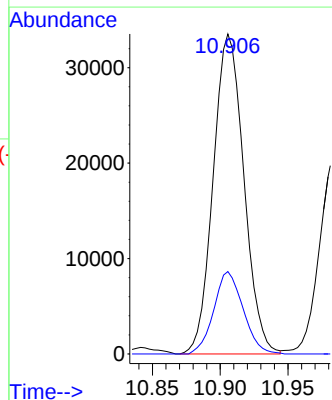
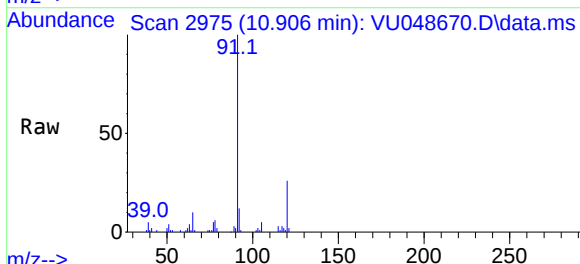
Manual Integrations
APPROVED

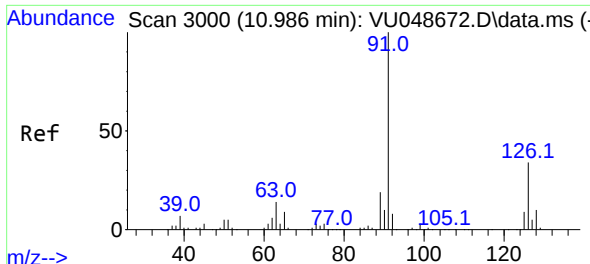
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#78
n-propylbenzene
Concen: 4.809 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion: 91 Resp: 52737
Ion Ratio Lower Upper
91 100
120 24.6 11.6 34.7





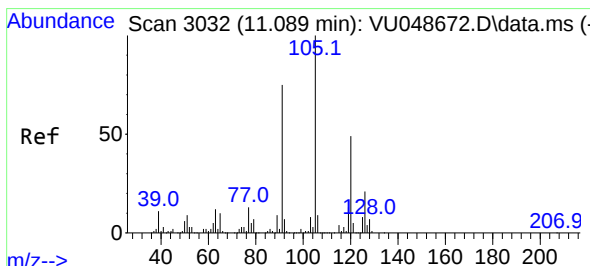
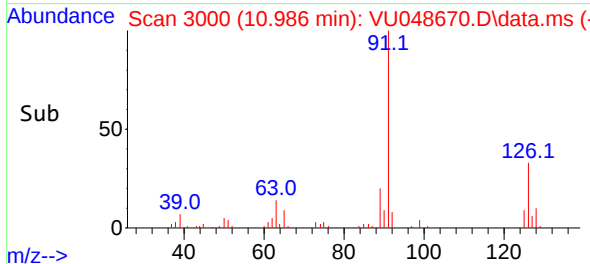
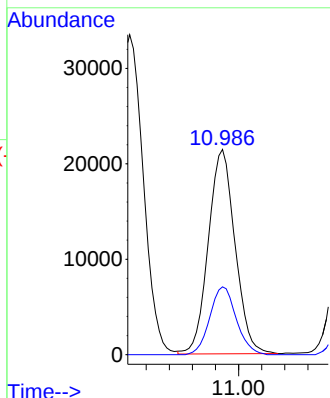
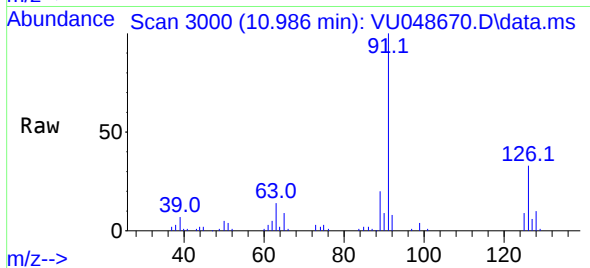
#79
2-Chlorotoluene
Concen: 5.046 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 34410
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0

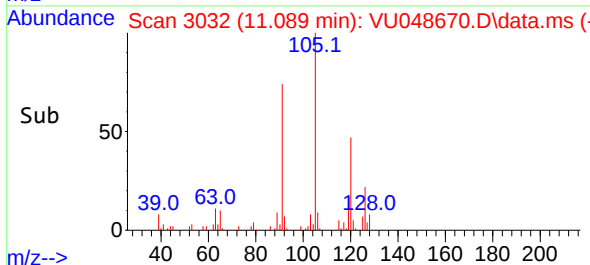
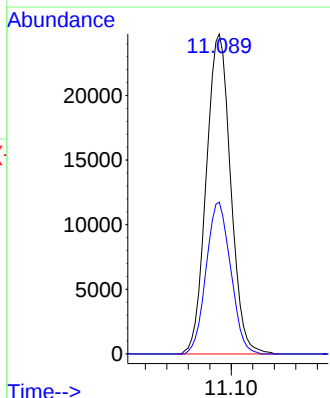
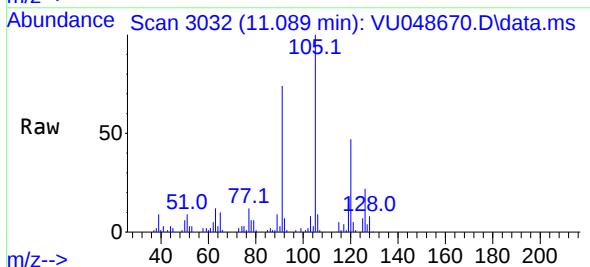
Manual Integrations
APPROVED

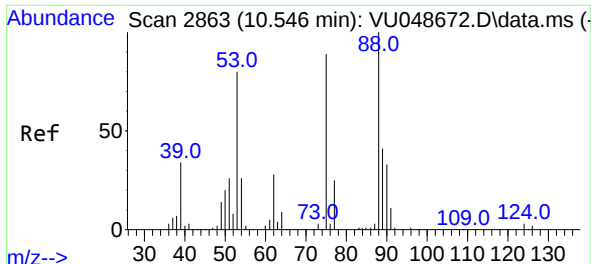
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.868 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

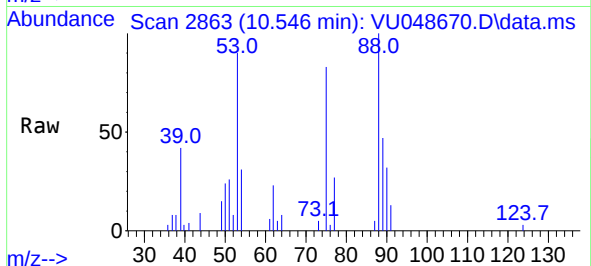
Tgt Ion:105 Resp: 38962
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.324 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

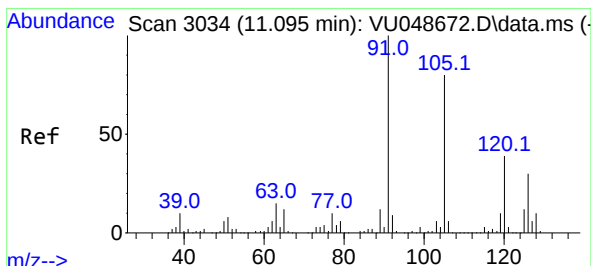
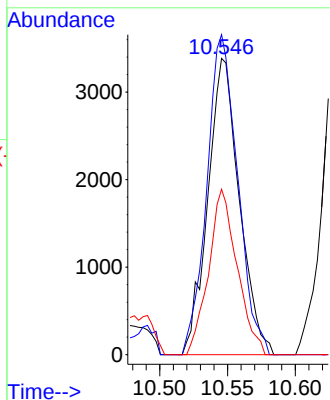
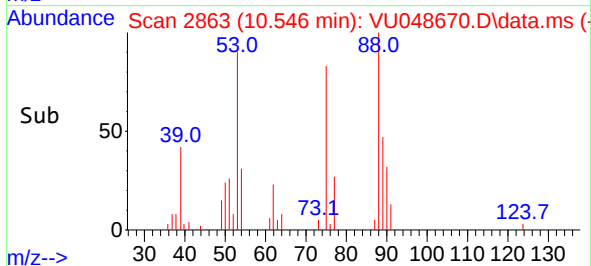
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



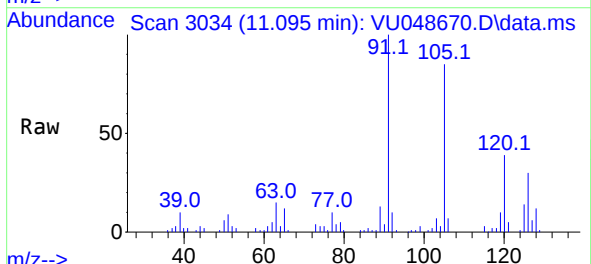
Tgt Ion: 75 Resp: 5474
Ion Ratio Lower Upper
75 100
53 105.8 72.5 108.7
89 50.4 37.0 55.4

Manual Integrations
APPROVED

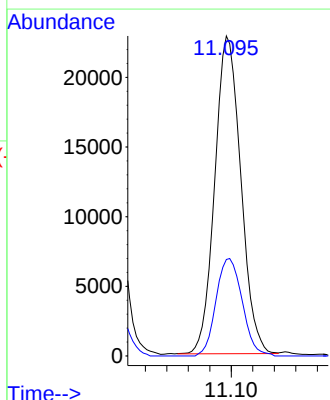
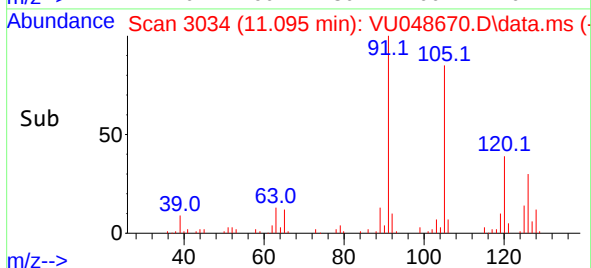
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

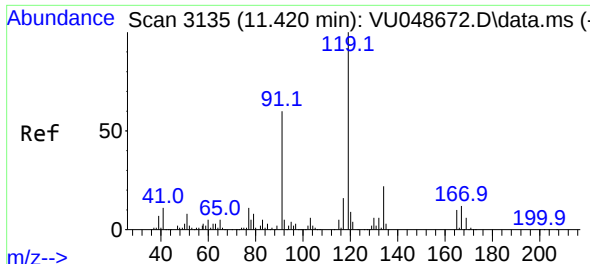


#82
4-Chlorotoluene
Concen: 4.867 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



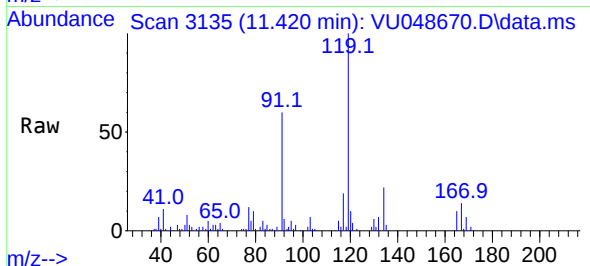
Tgt Ion: 91 Resp: 38298
Ion Ratio Lower Upper
91 100
126 30.9 14.4 43.2





#83
tert-Butylbenzene
Concen: 4.880 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

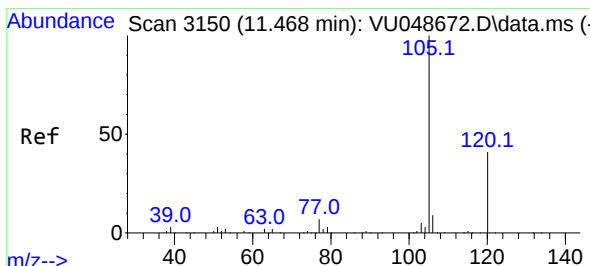
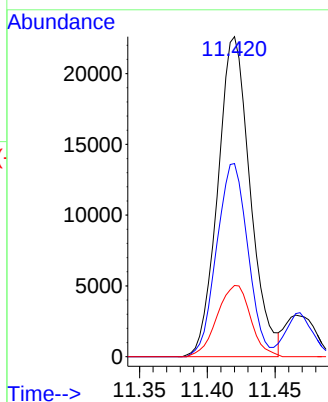
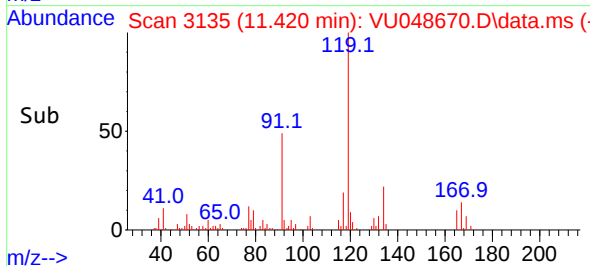
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



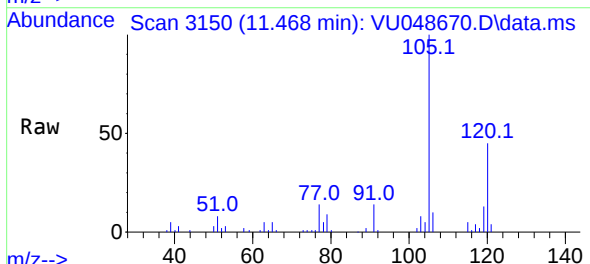
Tgt Ion:119 Resp: 37484
Ion Ratio Lower Upper
119 100
91 58.5 28.7 86.1
134 23.0 10.8 32.4

Manual Integrations
APPROVED

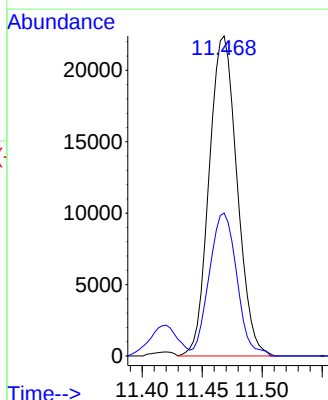
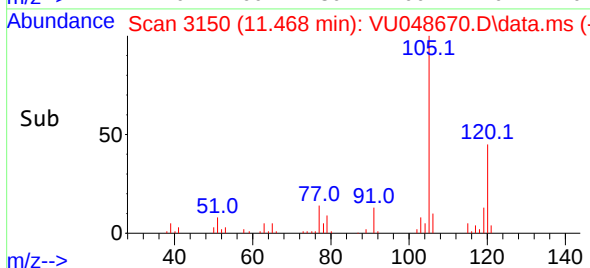
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

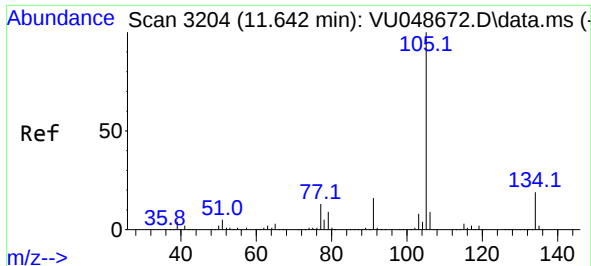


#84
1,2,4-Trimethylbenzene
Concen: 4.664 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



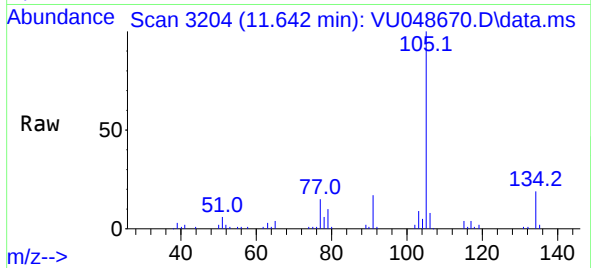
Tgt Ion:105 Resp: 36334
Ion Ratio Lower Upper
105 100
120 44.1 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 4.622 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19

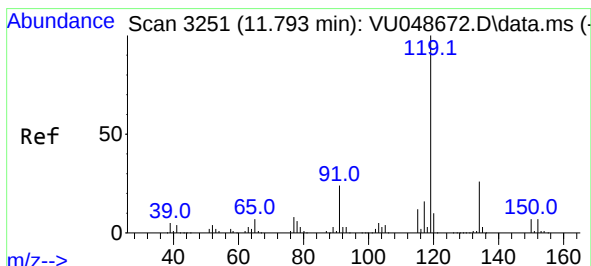
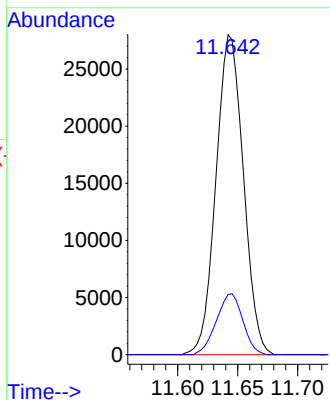
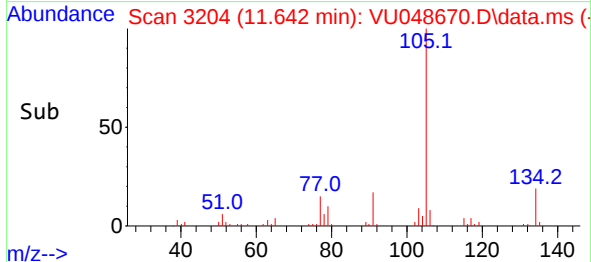
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



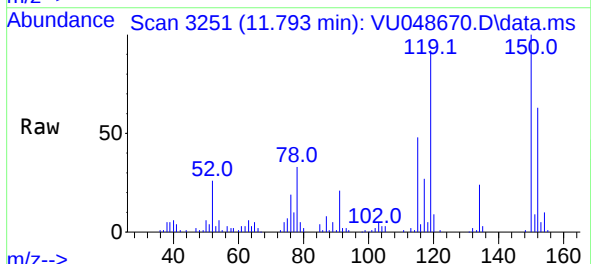
Tgt Ion:105 Resp: 44410
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.6 28.6

Manual Integrations
 APPROVED

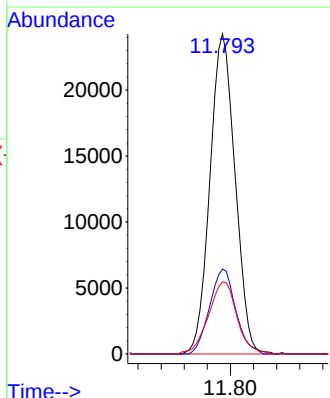
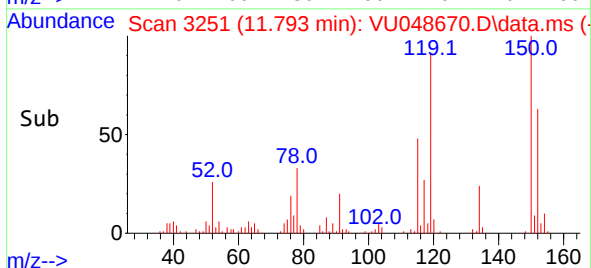
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

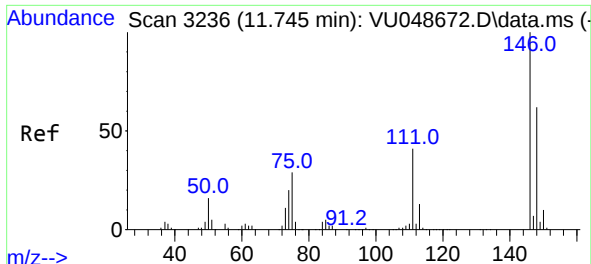


#86
 p-Isopropyltoluene
 Concen: 4.434 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: VU048670.D
 Acq: 26 May 2022 10:19



Tgt Ion:119 Resp: 36594
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.8 38.4
 91 25.5 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 5.075 ug/l

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048670.D

Acq: 26 May 2022 10:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:146 Resp: 2459

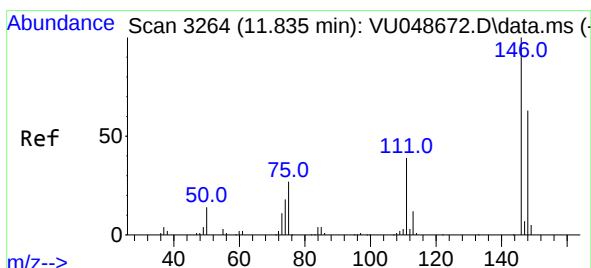
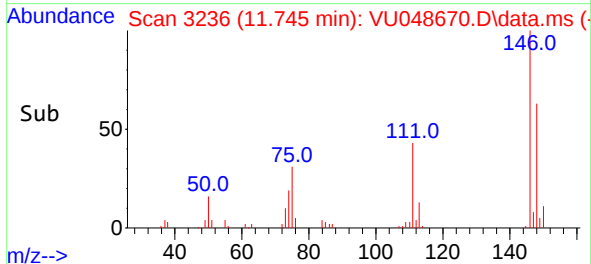
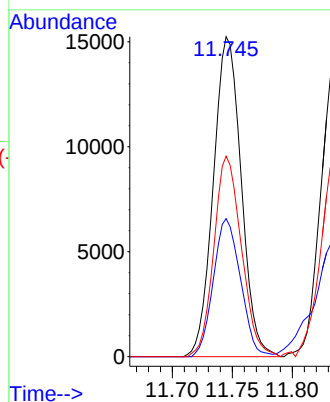
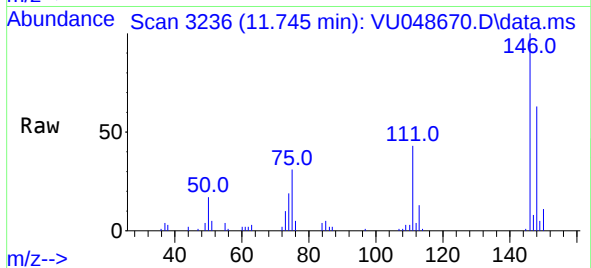
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.9
148	62.0	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#88

1,4-Dichlorobenzene

Concen: 4.872 ug/l

RT: 11.838 min Scan# 3265

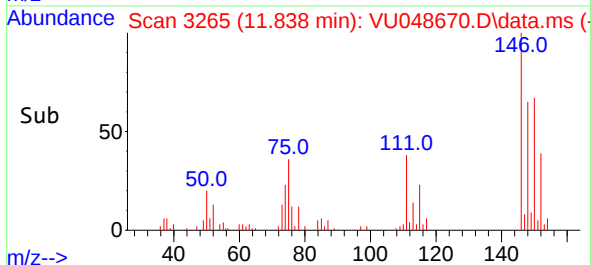
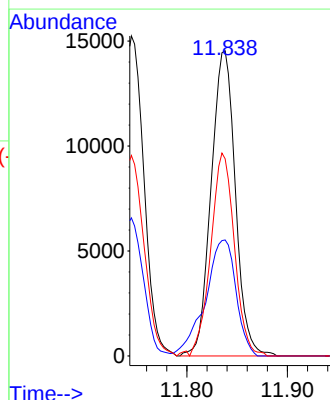
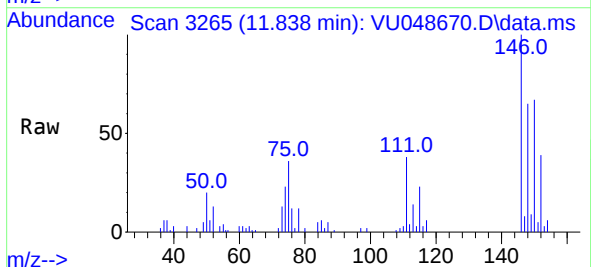
Delta R.T. 0.003 min

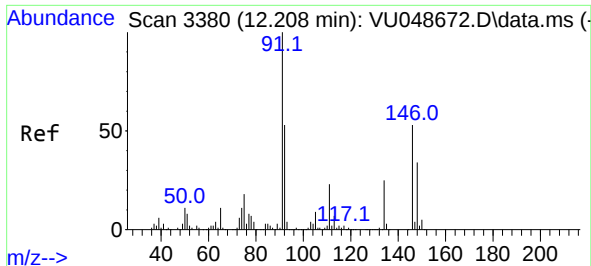
Lab File: VU048670.D

Acq: 26 May 2022 10:19

Tgt Ion:146 Resp: 24391

Ion	Ratio	Lower	Upper
146	100		
111	48.1	20.2	60.6
148	65.3	32.4	97.0





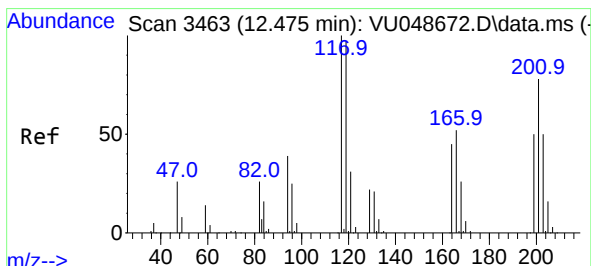
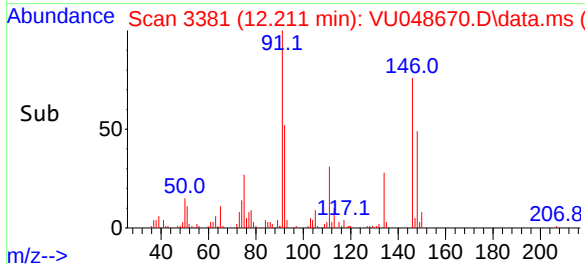
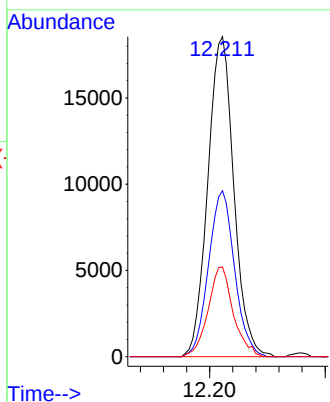
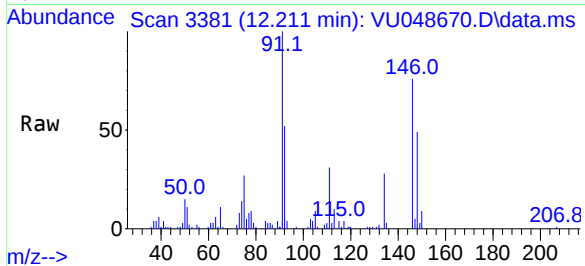
#89
n-Butylbenzene
Concen: 4.004 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 2903
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 27.2 12.5 37.5

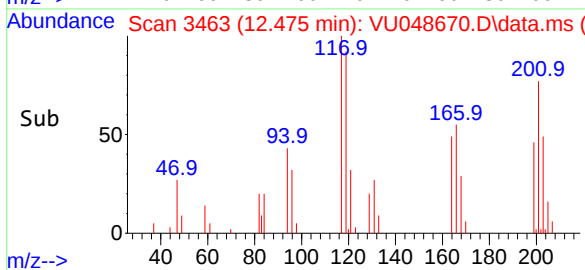
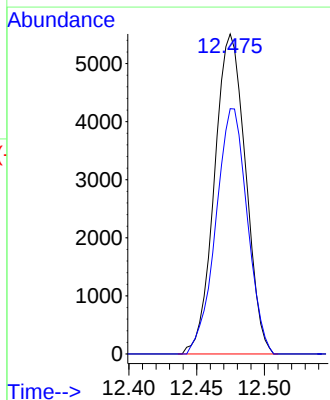
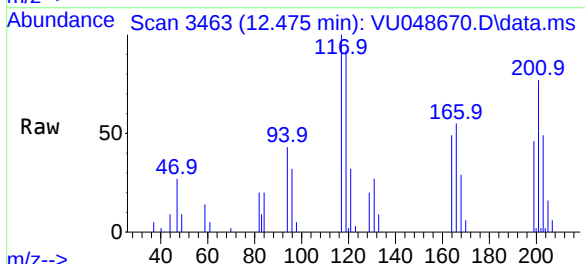
Manual Integrations
APPROVED

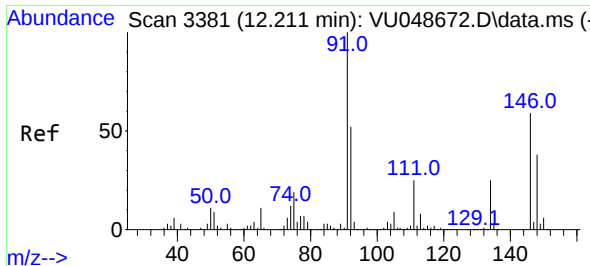
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#90
Hexachloroethane
Concen: 5.217 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

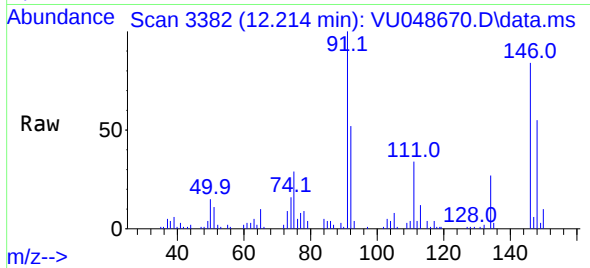
Tgt Ion:117 Resp: 8787
Ion Ratio Lower Upper
117 100
201 77.6 39.6 119.0





#91
1,2-Dichlorobenzene
Concen: 4.716 ug/l
RT: 12.214 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

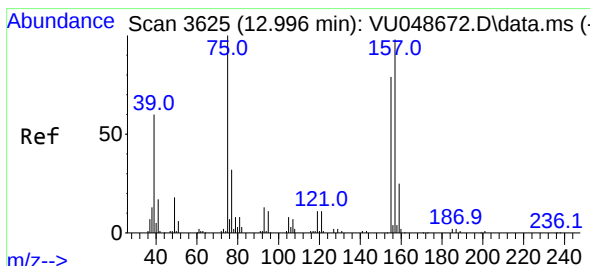
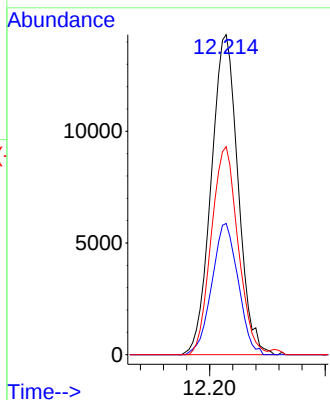
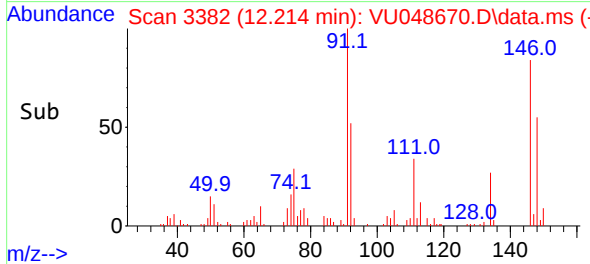
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



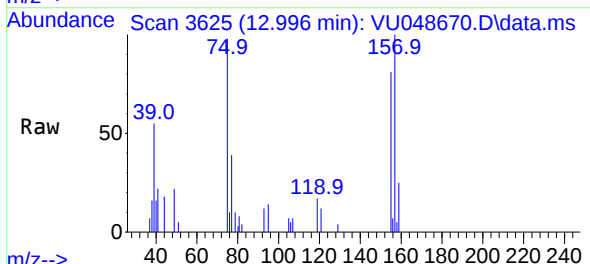
Tgt Ion:146 Resp: 23080
Ion Ratio Lower Upper
146 100
111 40.2 21.4 64.3
148 64.9 32.0 96.2

Manual Integrations
APPROVED

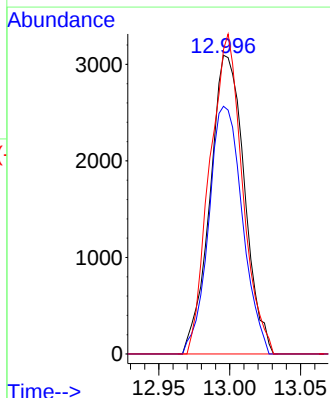
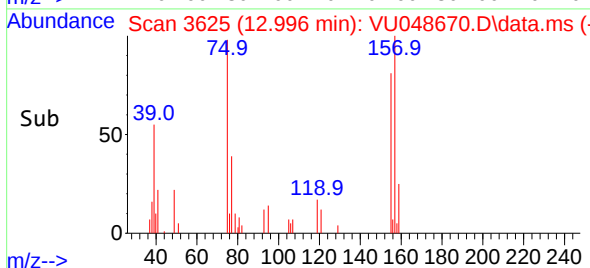
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

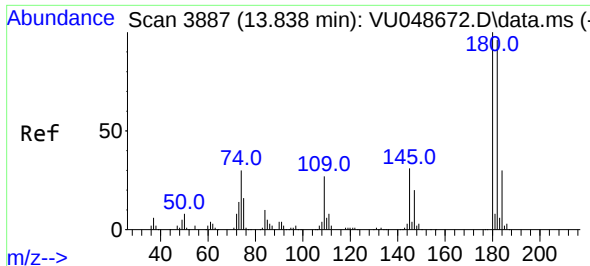


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.834 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



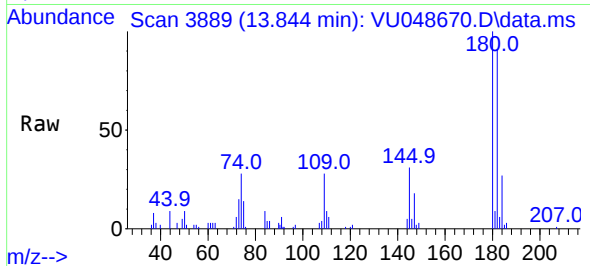
Tgt Ion: 75 Resp: 5227
Ion Ratio Lower Upper
75 100
155 81.1 40.3 120.8
157 101.6 50.0 150.0





#93
1,2,4-Trichlorobenzene
Concen: 5.158 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.006 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

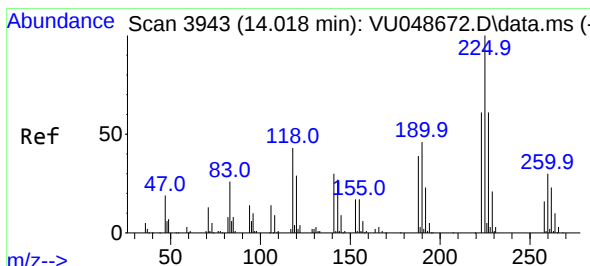
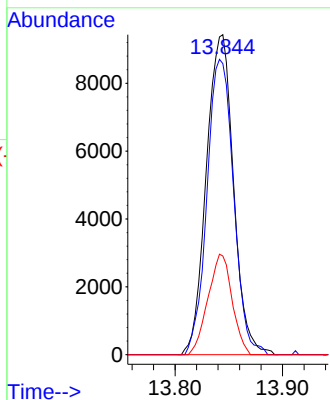
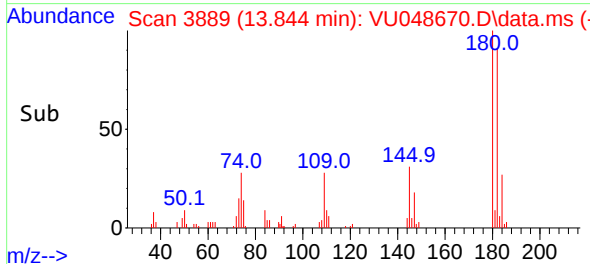
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



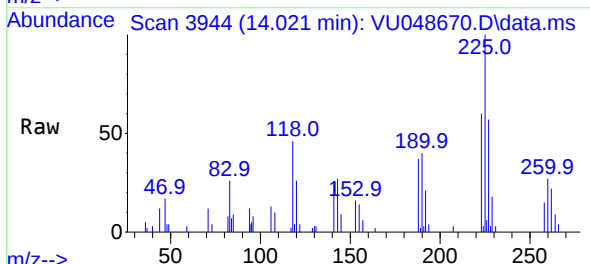
Tgt Ion:180 Resp: 16570
Ion Ratio Lower Upper
180 100
182 90.2 48.3 144.9
145 27.8 15.6 46.7

Manual Integrations
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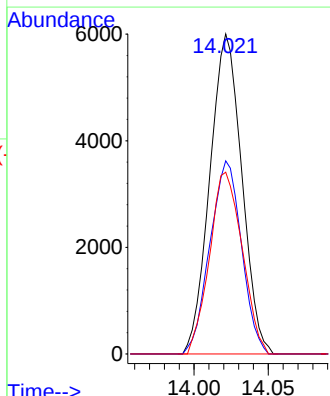
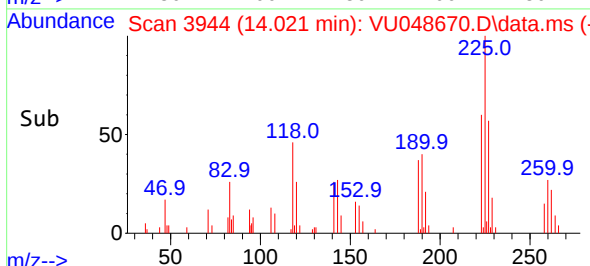
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

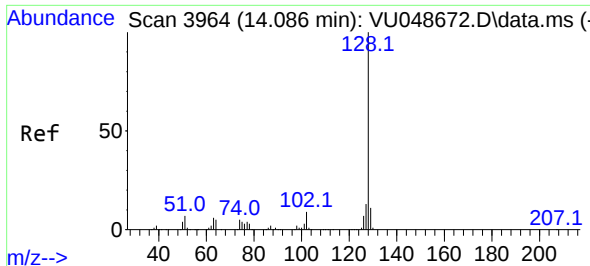


#94
Hexachlorobutadiene
Concen: 5.830 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19



Tgt Ion:225 Resp: 8977
Ion Ratio Lower Upper
225 100
223 59.7 30.9 92.8
227 58.1 31.1 93.5





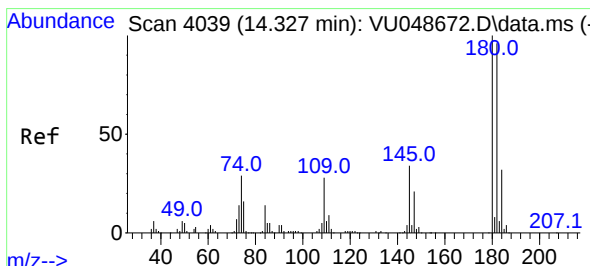
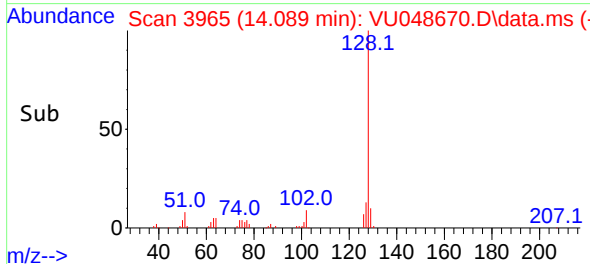
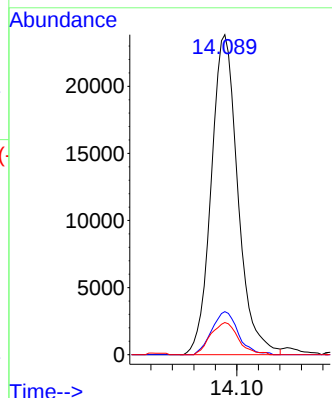
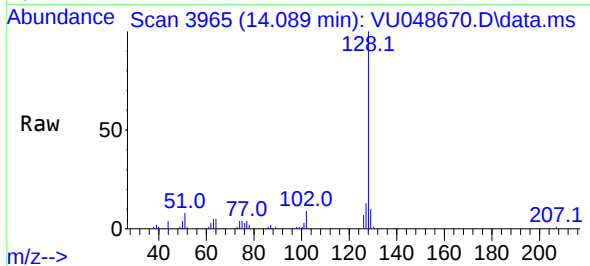
#95
Naphthalene
Concen: 4.121 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:128	Resp:	41064
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.2 15.4
129	10.4	8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.082 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048670.D
Acq: 26 May 2022 10:19

Tgt Ion:180	Resp:	16169
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.4 142.2
145	33.2	16.6 49.8

