

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048712.D
 Acq On : 27 May 2022 23:17
 Operator : SY/MD
 Sample : VU0527WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

Quant Time: May 28 00:28:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	264614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	445352	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	424760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	224978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	197043	49.583	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.160%		
35) Dibromofluoromethane	5.288	113	153934	48.449	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.900%		
50) Toluene-d8	7.899	98	553872	48.631	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.260%		
62) 4-Bromofluorobenzene	10.632	95	215557	50.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54463	17.979	ug/l	99
3) Chloromethane	1.523	50	71392	18.307	ug/l	97
4) Vinyl Chloride	1.604	62	70943	19.642	ug/l	98
5) Bromomethane	1.851	94	45063	19.756	ug/l	97
6) Chloroethane	1.932	64	41247	19.277	ug/l	96
7) Trichlorofluoromethane	2.137	101	98156	19.029	ug/l	97
8) Diethyl Ether	2.375	74	36972	19.423	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	54119	19.167	ug/l	97
10) Methyl Iodide	2.722	142	64575	17.476	ug/l	99
11) Tert butyl alcohol	3.169	59	101815	101.055	ug/l #	42
12) 1,1-Dichloroethene	2.581	96	53165	19.740	ug/l	99
13) Acrolein	2.485	56	23380	66.914	ug/l	100
14) Allyl chloride	2.925	41	101195m	19.399	ug/l	
15) Acrylonitrile	3.311	53	238401	109.102	ug/l	99
16) Acetone	2.623	43	203415	100.439	ug/l	100
17) Carbon Disulfide	2.793	76	145148	18.462	ug/l	99
18) Methyl Acetate	2.948	43	116796	22.969	ug/l	100
19) Methyl tert-butyl Ether	3.362	73	206798	20.237	ug/l	99
20) Methylene Chloride	3.047	84	68718	19.953	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	58619	19.028	ug/l	91
22) Diisopropyl ether	3.993	45	206216	21.431	ug/l	99
23) Vinyl Acetate	3.954	43	878382	105.362	ug/l	100
24) 1,1-Dichloroethane	3.870	63	121877	20.168	ug/l	100
25) 2-Butanone	4.697	43	323644	111.239	ug/l	99
26) 2,2-Dichloropropane	4.665	77	74838	13.804	ug/l	94
27) cis-1,2-Dichloroethene	4.668	96	69451	19.476	ug/l	96
28) Bromochloromethane	4.973	49	53764	22.682	ug/l	96
29) Tetrahydrofuran	5.047	42	202365	110.422	ug/l	99
30) Chloroform	5.089	83	117063	19.360	ug/l	97
31) Cyclohexane	5.391	56	100392	20.046	ug/l	95
32) 1,1,1-Trichloroethane	5.317	97	106302	19.377	ug/l	99
36) 1,1-Dichloropropene	5.526	75	85350	18.406	ug/l	100
37) Ethyl Acetate	4.803	43	115257	19.661	ug/l	98
38) Carbon Tetrachloride	5.526	117	91051	17.115	ug/l	91
39) Methylcyclohexane	6.764	83	90726	18.660	ug/l	99
40) Benzene	5.774	78	257149	18.784	ug/l	100

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Quant Time: May 28 00:28:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	60680	20.484	ug/l	98
42) 1,2-Dichloroethane	5.793	62	98464	18.373	ug/l	99
43) Isopropyl Acetate	5.909	43	171755	20.186	ug/l	99
44) Trichloroethene	6.542	130	65074	18.450	ug/l	100
45) 1,2-Dichloropropane	6.793	63	72726	21.101	ug/l	98
46) Dibromomethane	6.918	93	49169	19.095	ug/l	99
47) Bromodichloromethane	7.105	83	94107	18.072	ug/l	97
48) Methyl methacrylate	6.960	41	79062	20.699	ug/l	98
49) 1,4-Dioxane	6.960	88	34121	399.612	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	604468	109.411	ug/l	99
52) Toluene	7.970	92	156337	19.092	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	102861	18.312	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	106783	18.345	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	68944	19.077	ug/l	99
56) Ethyl methacrylate	8.333	69	106614	20.306	ug/l	99
57) 1,3-Dichloropropane	8.574	76	116702	19.186	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	82760	86.220	ug/l	99
59) 2-Hexanone	8.684	43	460351	101.496	ug/l	100
60) Dibromochloromethane	8.809	129	74475	18.384	ug/l	100
61) 1,2-Dibromoethane	8.925	107	72649	18.253	ug/l	99
64) Tetrachloroethene	8.552	164	55658	18.164	ug/l	97
65) Chlorobenzene	9.446	112	174547	19.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	67008	19.650	ug/l	98
67) Ethyl Benzene	9.571	91	306116	20.203	ug/l	99
68) m/p-Xylenes	9.693	106	237234	40.032	ug/l	99
69) o-Xylene	10.098	106	112701	19.357	ug/l	98
70) Styrene	10.114	104	196707	20.541	ug/l	99
71) Bromoform	10.291	173	60079	19.055	ug/l #	100
73) Isopropylbenzene	10.484	105	303169	20.873	ug/l	100
74) N-amyl acetate	10.320	43	139773	20.537	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	121850	20.558	ug/l	98
76) 1,2,3-Trichloropropane	10.822	75	141747	19.541	ug/l	99
77) Bromobenzene	10.780	156	79481	20.376	ug/l	98
78) n-propylbenzene	10.905	91	364036	21.034	ug/l	99
79) 2-Chlorotoluene	10.986	91	220074	20.448	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	262251	20.763	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.545	75	34172	17.105	ug/l	99
82) 4-Chlorotoluene	11.098	91	252992	20.373	ug/l	99
83) tert-Butylbenzene	11.420	119	253504	20.912	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	266694	20.313	ug/l	99
85) sec-Butylbenzene	11.642	105	319589	21.073	ug/l	98
86) p-Isopropyltoluene	11.793	119	272224	20.902	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	148319	19.394	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	151230	19.140	ug/l	98
89) n-Butylbenzene	12.211	91	237564	19.612	ug/l	100
90) Hexachloroethane	12.474	117	47977	18.050	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	152419	19.728	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	33241	19.478	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	96537	19.041	ug/l	99
94) Hexachlorobutadiene	14.021	225	40988	16.867	ug/l	97
95) Naphthalene	14.089	128	344460	20.999	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	98529	19.621	ug/l	99

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Acq On : 27 May 2022 23:17
Operator : SY/MD
Sample : VU0527WBSD02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

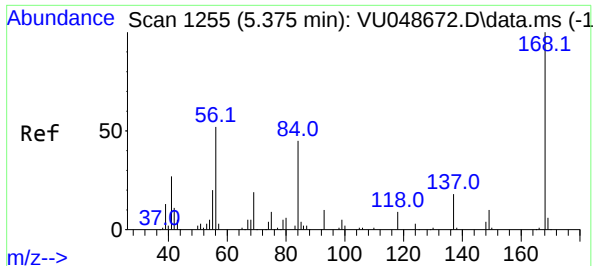
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

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

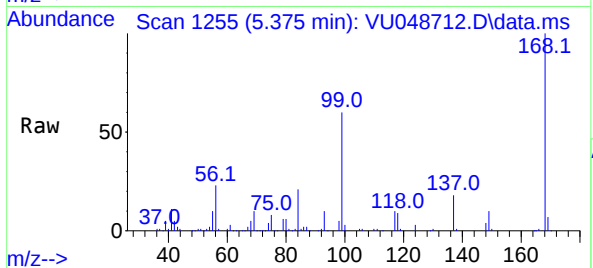
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

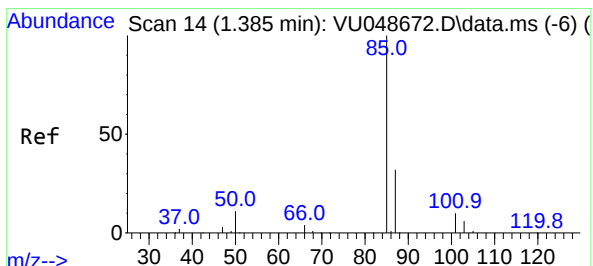
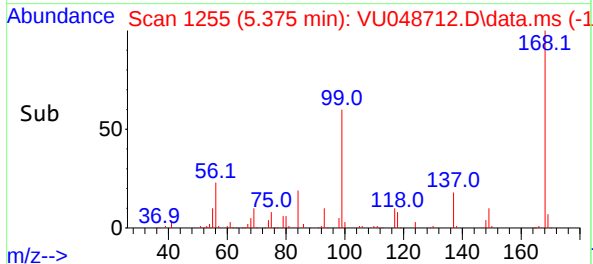
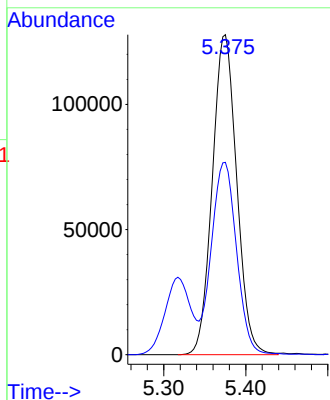
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion:168 Resp: 264614
Ion Ratio Lower Upper
168 100
99 59.7 49.3 73.9

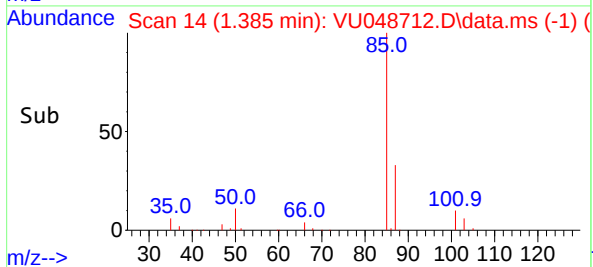
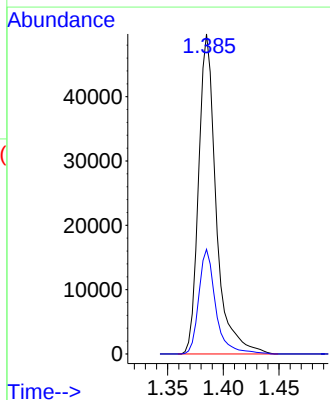
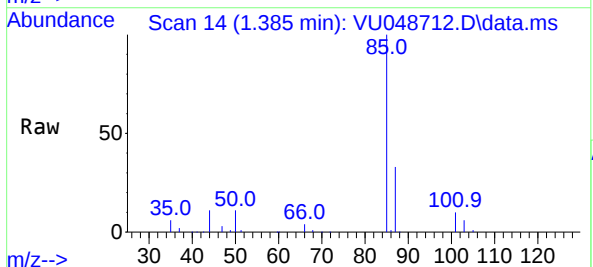
Manual Integrations
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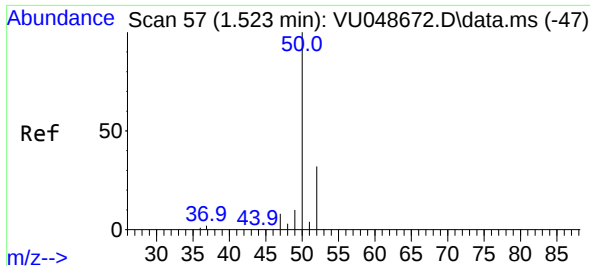
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#2
Dichlorodifluoromethane
Concen: 17.979 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

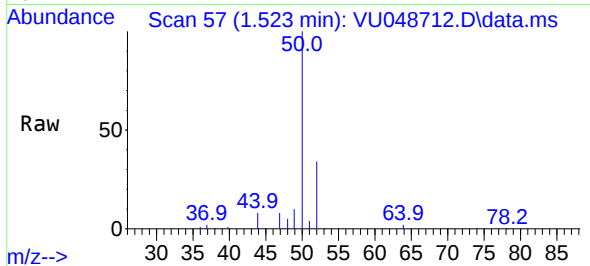
Tgt Ion: 85 Resp: 54463
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0





#3
Chloromethane
Concen: 18.307 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

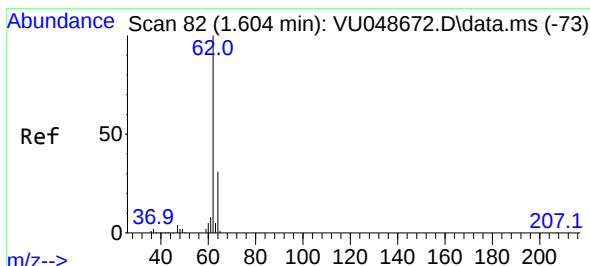
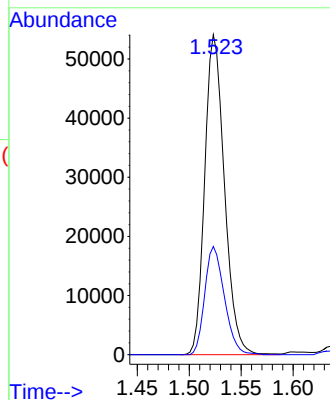
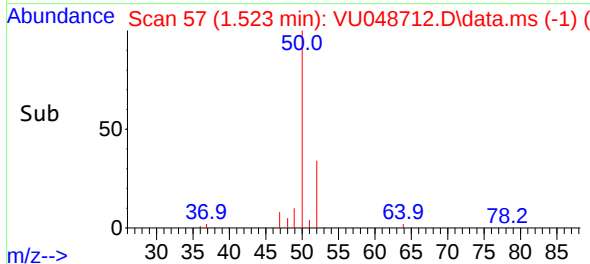
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 50 Resp: 71392
Ion Ratio Lower Upper
50 100
52 33.8 25.7 38.5

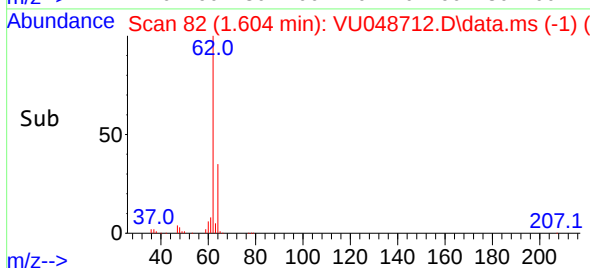
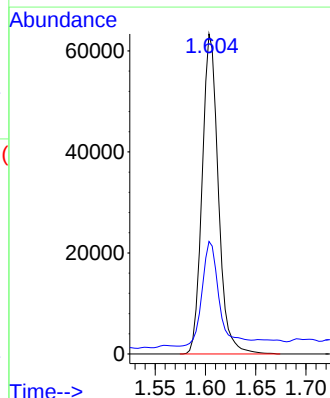
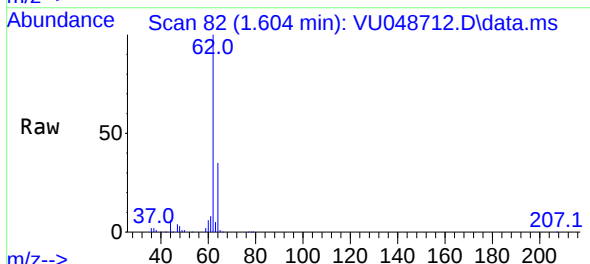
Manual Integrations
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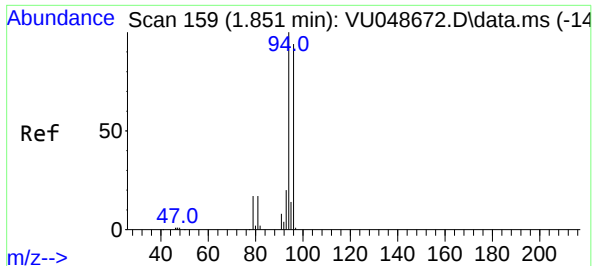
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#4
Vinyl Chloride
Concen: 19.642 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

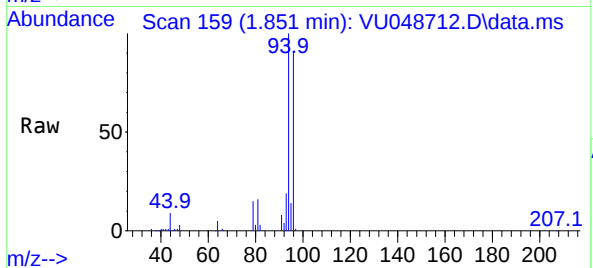
Tgt Ion: 62 Resp: 70943
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8





#5
Bromomethane
Concen: 19.756 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

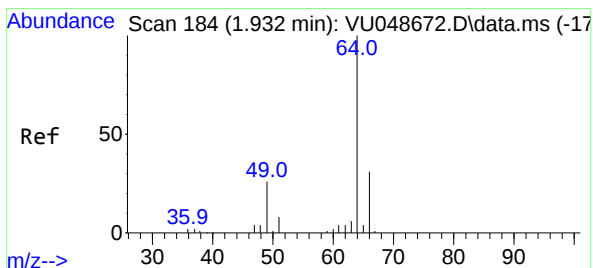
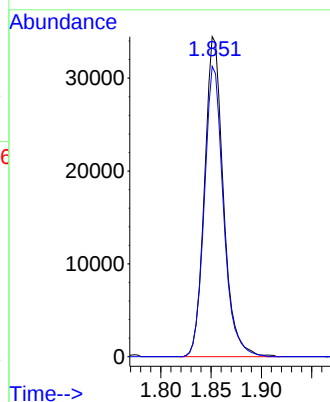
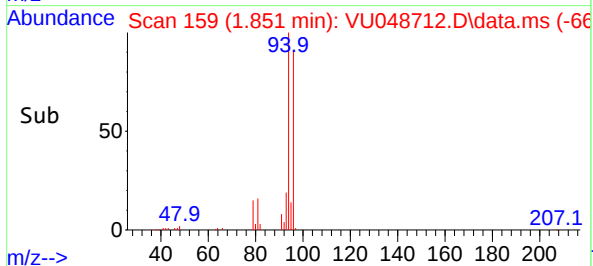
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 94 Resp: 45063
Ion Ratio Lower Upper
94 100
96 90.7 75.1 112.7

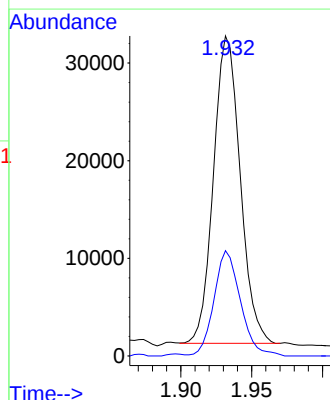
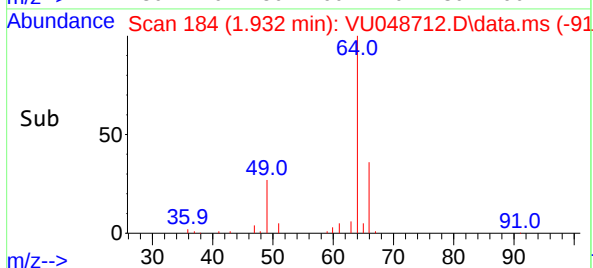
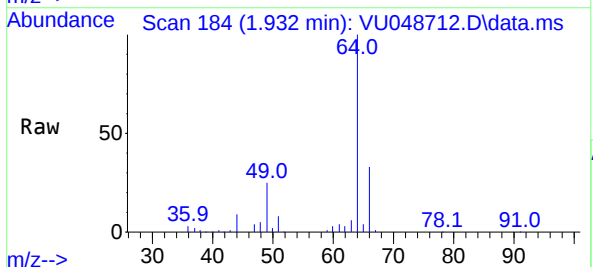
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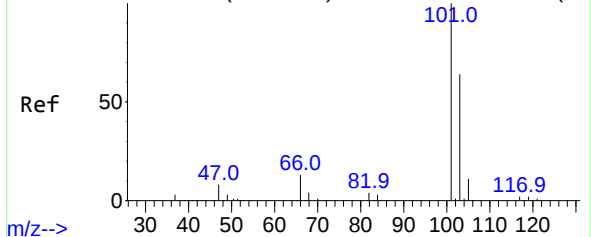


#6
Chloroethane
Concen: 19.277 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 64 Resp: 41247
Ion Ratio Lower Upper
64 100
66 33.8 25.2 37.8



Abundance Scan 248 (2.137 min): VU048672.D\data.ms (-23



#7

Trichlorofluoromethane

Concen: 19.029 ug/l

RT: 2.137 min Scan# 248

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

Tgt Ion:101 Resp: 98150

Ion Ratio Lower Upper

101 100

103 61.2 51.0 76.4

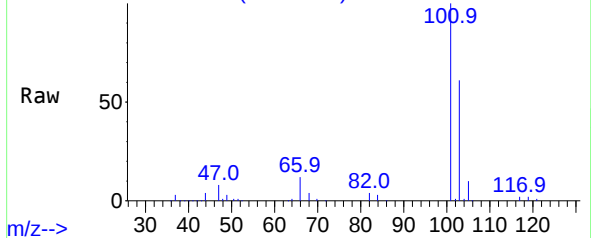
Manual Integrations

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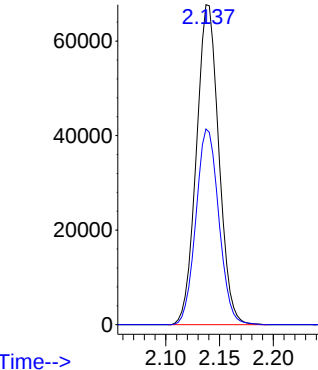
Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022

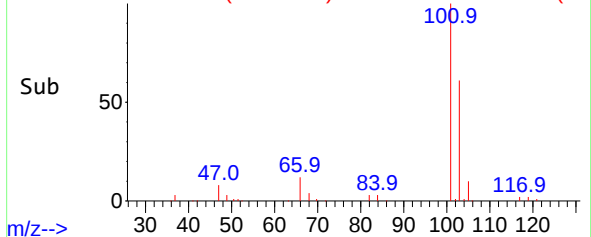
Abundance Scan 248 (2.137 min): VU048712.D\data.ms



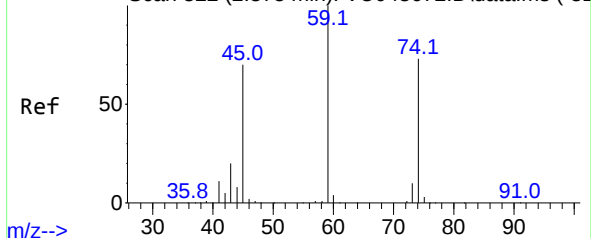
Abundance



Abundance Scan 248 (2.137 min): VU048712.D\data.ms (-15



Abundance Scan 322 (2.375 min): VU048672.D\data.ms (-31



#8

Diethyl Ether

Concen: 19.423 ug/l

RT: 2.375 min Scan# 322

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

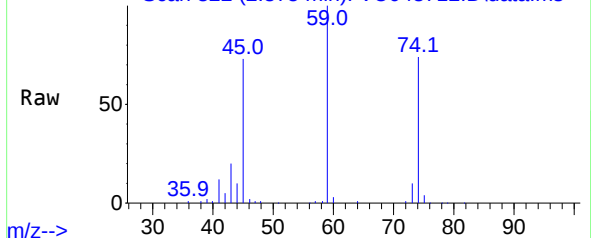
Tgt Ion: 74 Resp: 36972

Ion Ratio Lower Upper

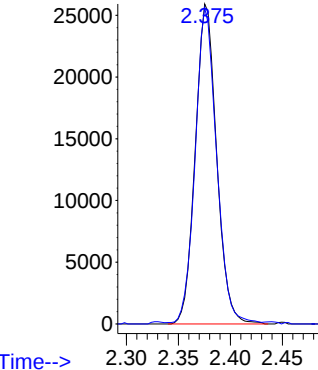
74 100

45 97.6 47.7 143.1

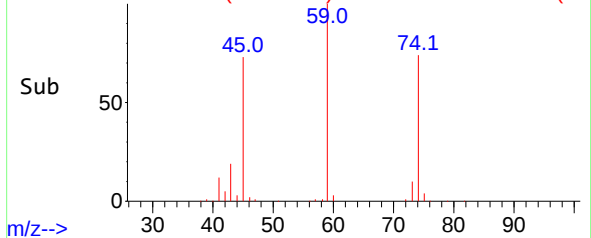
Abundance Scan 322 (2.375 min): VU048712.D\data.ms

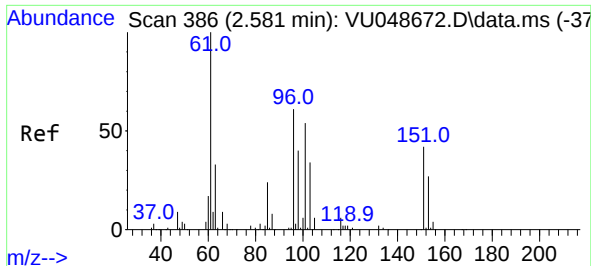


Abundance



Abundance Scan 322 (2.375 min): VU048712.D\data.ms (-22





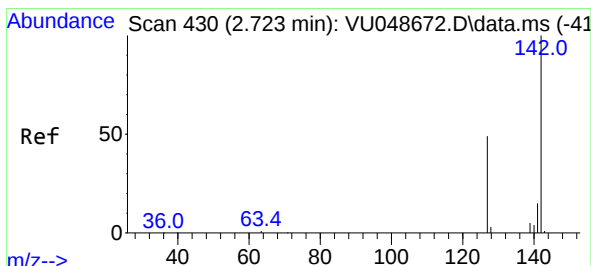
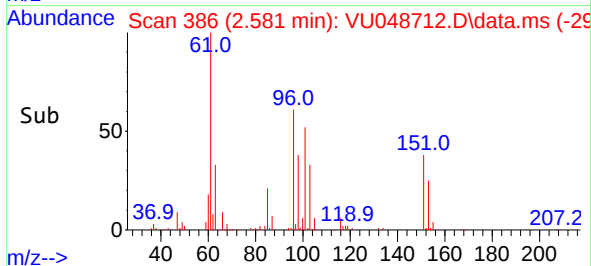
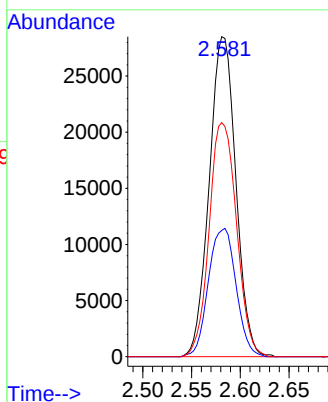
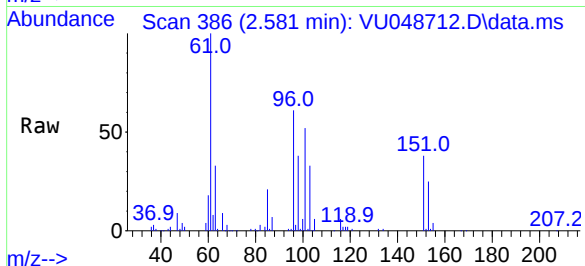
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.167 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion:101 Resp: 54119
Ion Ratio Lower Upper
101 100
85 41.6 35.4 53.2
151 75.4 62.5 93.7

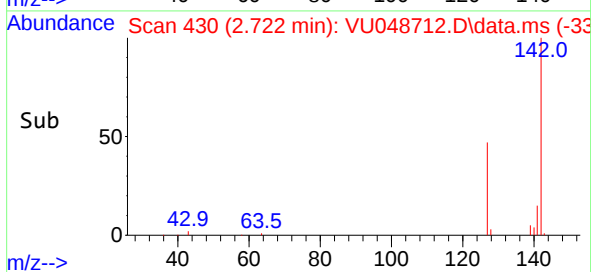
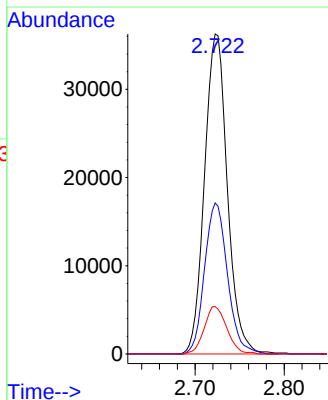
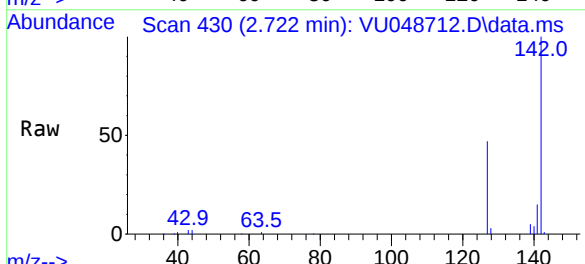
Manual Integrations
APPROVED

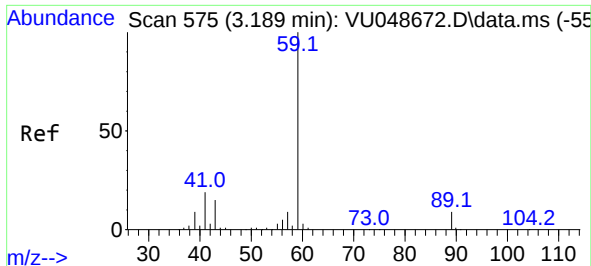
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#10
Methyl Iodide
Concen: 17.476 ug/l
RT: 2.722 min Scan# 430
Delta R.T. -0.001 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

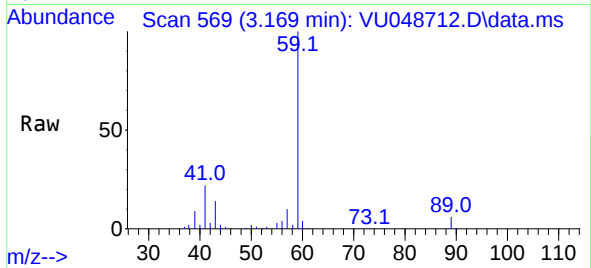
Tgt Ion:142 Resp: 64575
Ion Ratio Lower Upper
142 100
127 47.3 38.4 57.6
141 14.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 101.055 ug/l
RT: 3.169 min Scan# 50
Delta R.T. -0.019 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

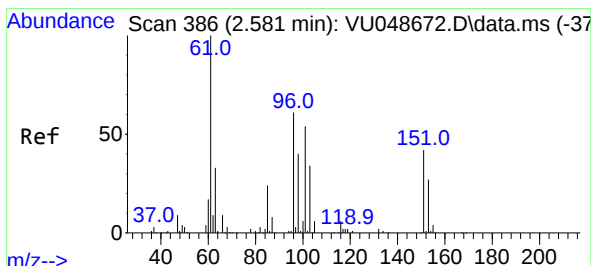
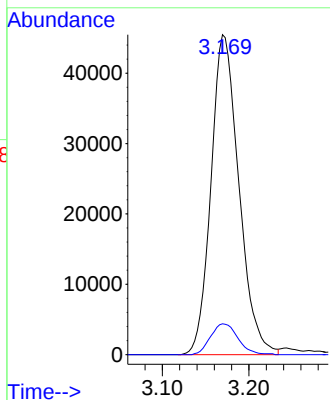
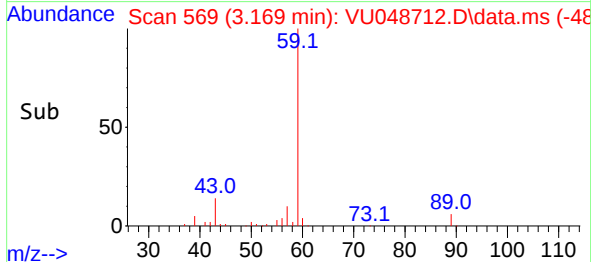
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



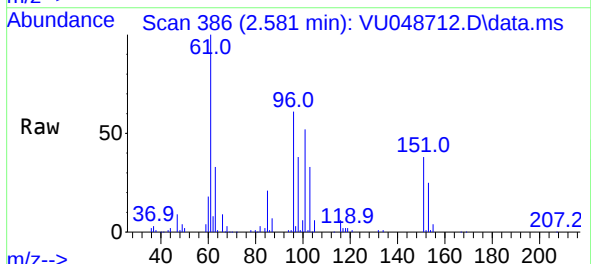
Tgt Ion: 59 Resp: 101815
Ion Ratio Lower Upper
59 100
57 9.5 39.7 59.5

Manual Integrations
APPROVED

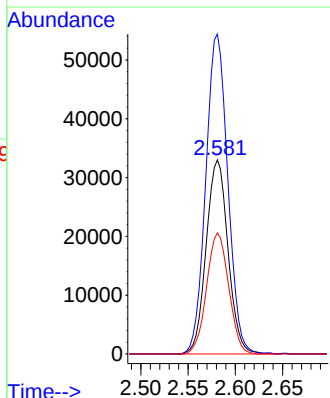
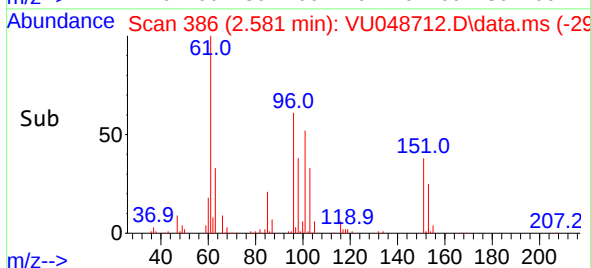
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

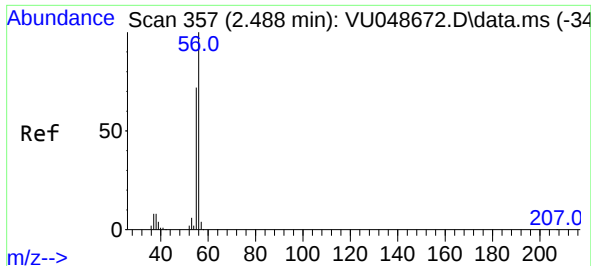


#12
1,1-Dichloroethene
Concen: 19.740 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



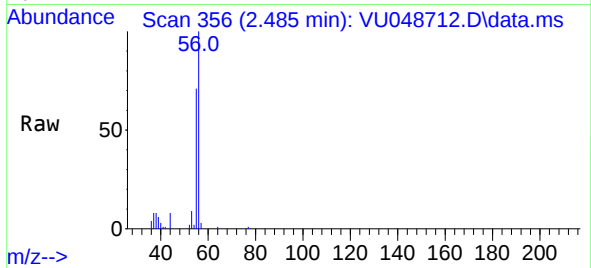
Tgt Ion: 96 Resp: 53165
Ion Ratio Lower Upper
96 100
61 164.9 131.1 196.7
98 62.3 51.8 77.8





#13
Acrolein
Concen: 66.914 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

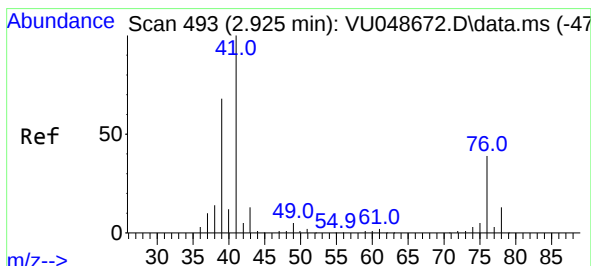
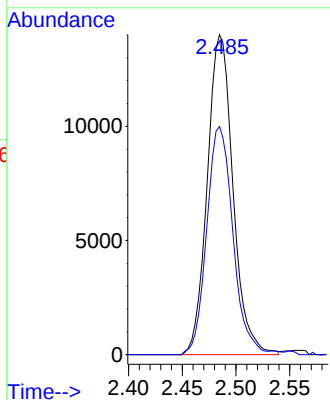
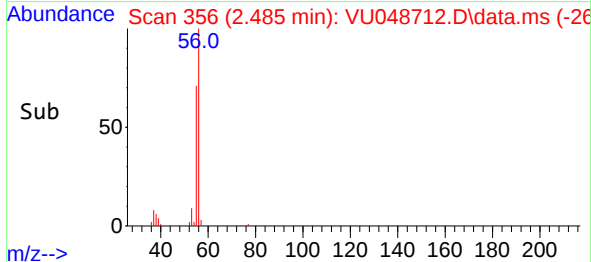
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 56 Resp: 23380
Ion Ratio Lower Upper
56 100
55 72.3 57.7 86.5

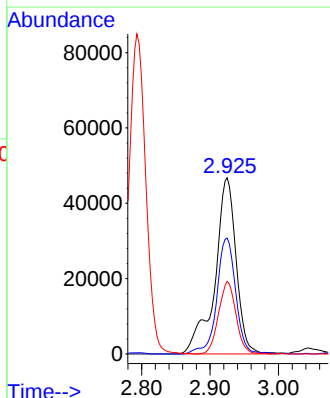
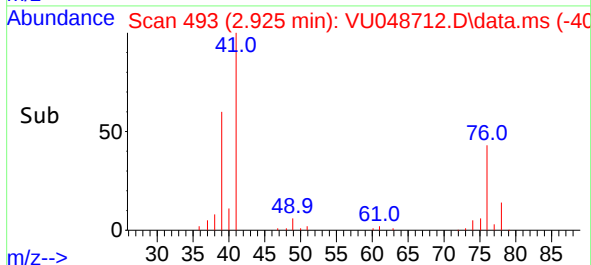
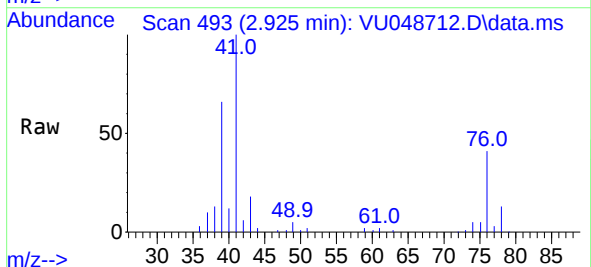
Manual Integrations
APPROVED

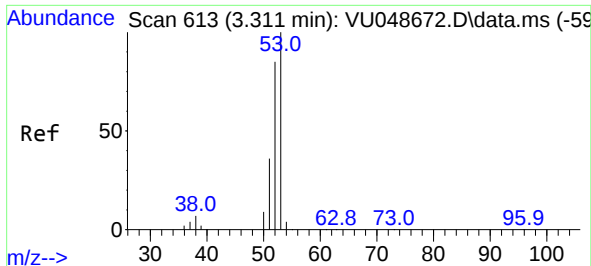
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#14
Allyl chloride
Concen: 19.399 ug/l m
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

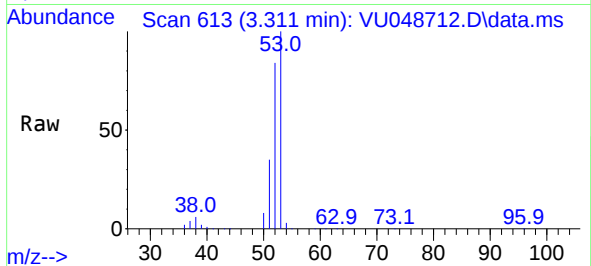
Tgt Ion: 41 Resp: 101195
Ion Ratio Lower Upper
41 100
39 58.5 48.6 72.8
76 33.6 27.0 40.4





#15
Acrylonitrile
Concen: 109.102 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

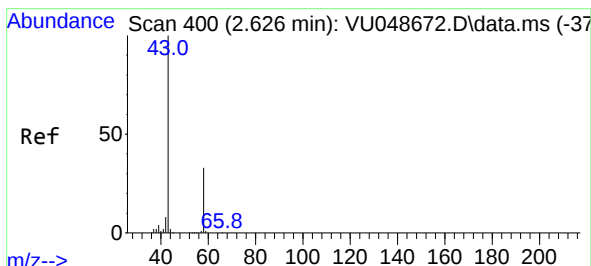
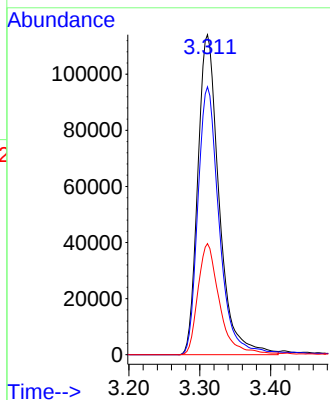
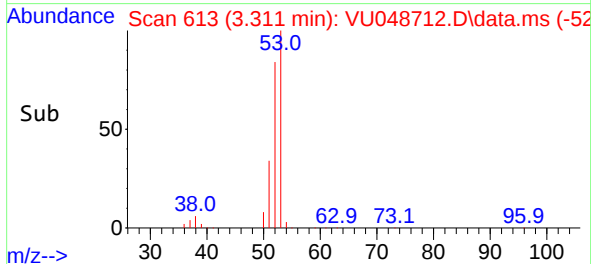
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 53 Resp: 23840
Ion Ratio Lower Upper
53 100
52 83.8 66.3 99.5
51 35.3 28.6 42.8

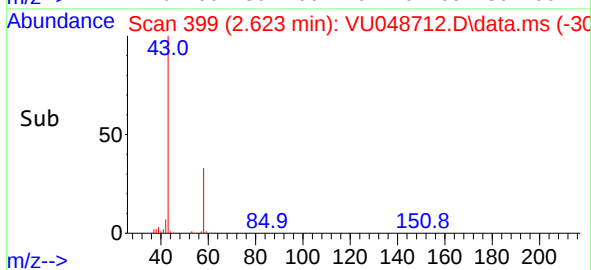
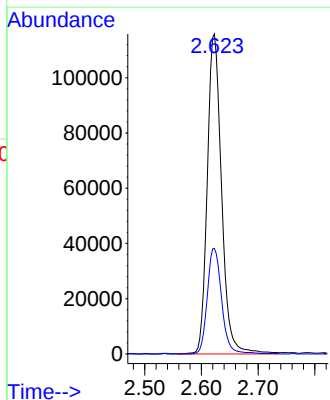
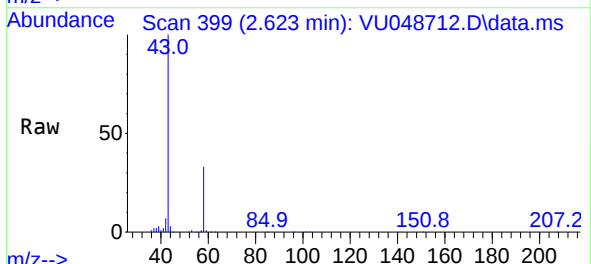
Manual Integrations
APPROVED

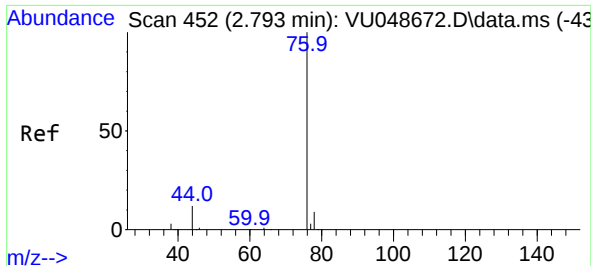
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#16
Acetone
Concen: 100.439 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

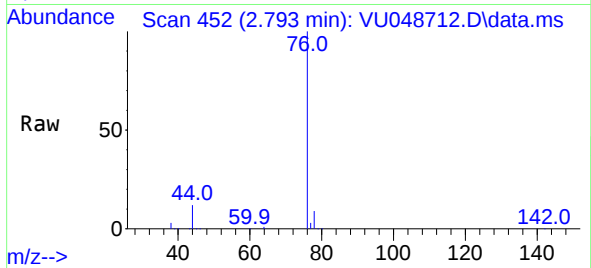
Tgt Ion: 43 Resp: 203415
Ion Ratio Lower Upper
43 100
58 33.0 26.3 39.5





#17
Carbon Disulfide
Concen: 18.462 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

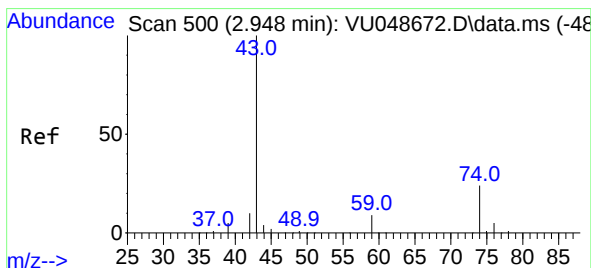
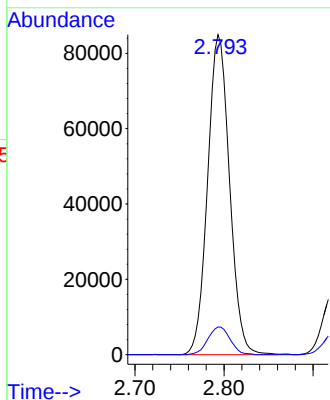
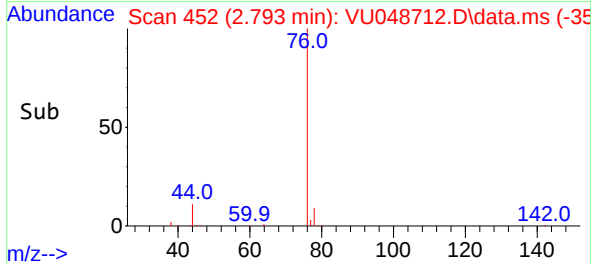
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



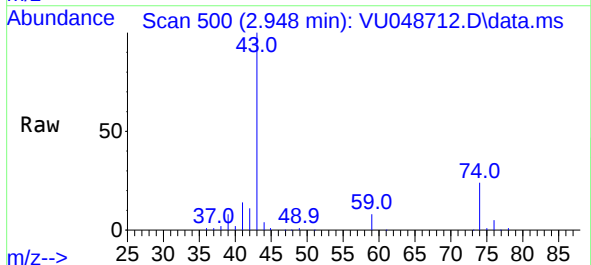
Tgt Ion: 76 Resp: 145148
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

Manual Integrations
APPROVED

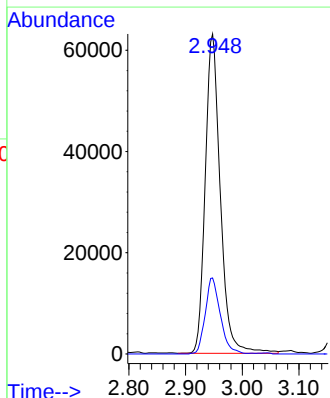
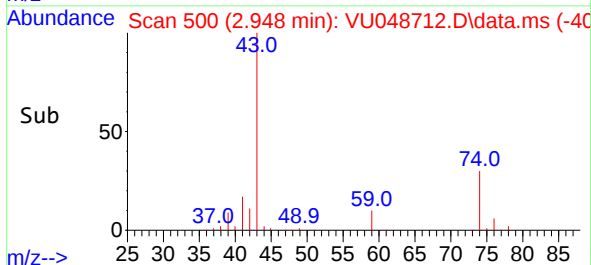
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

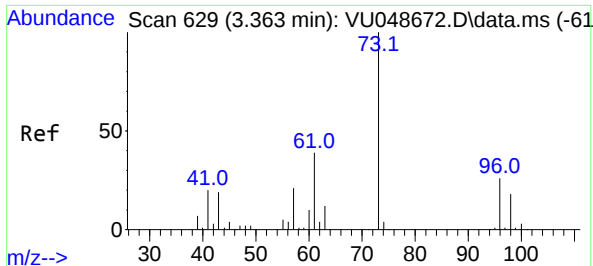


#18
Methyl Acetate
Concen: 22.969 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



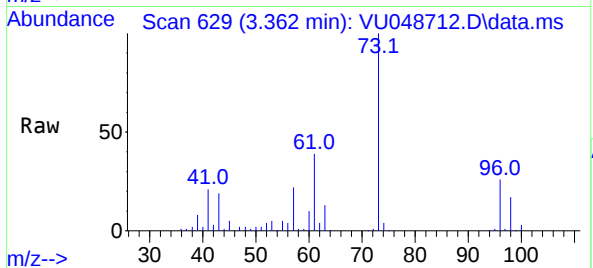
Tgt Ion: 43 Resp: 116796
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 20.237 ug/l
RT: 3.362 min Scan# 619
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

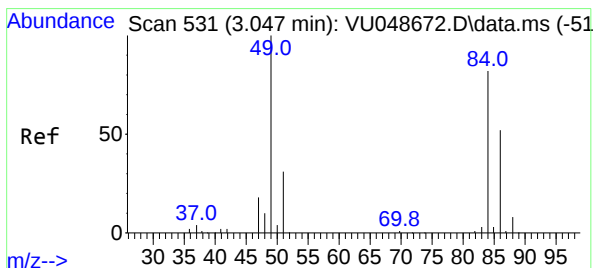
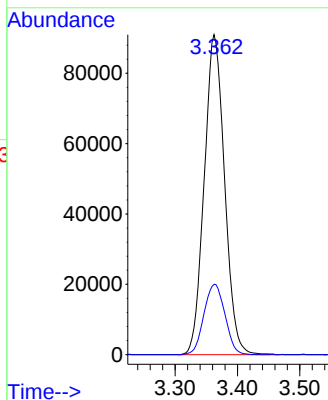
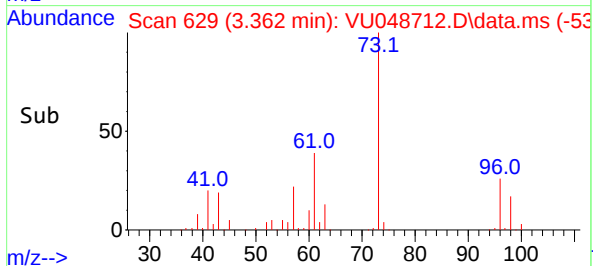
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



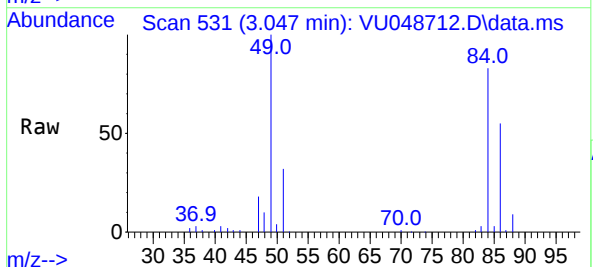
Tgt Ion: 73 Resp: 206798
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7

Manual Integrations
APPROVED

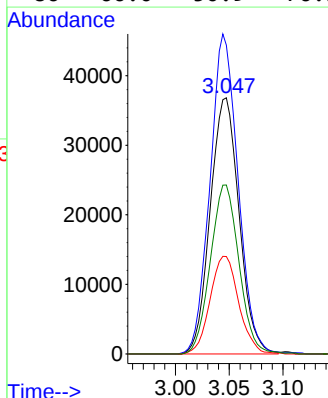
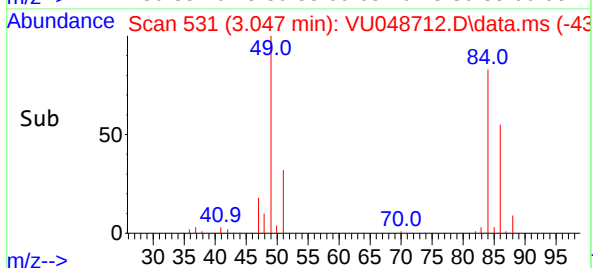
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

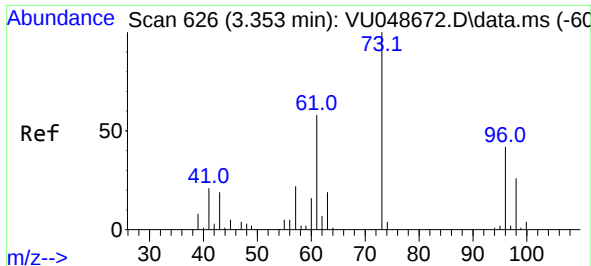


#20
Methylene Chloride
Concen: 19.953 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



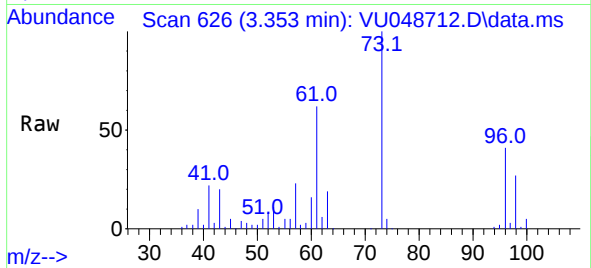
Tgt Ion: 84 Resp: 68718
Ion Ratio Lower Upper
84 100
49 120.6 97.0 145.4
51 38.0 29.8 44.8
86 66.0 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 19.028 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

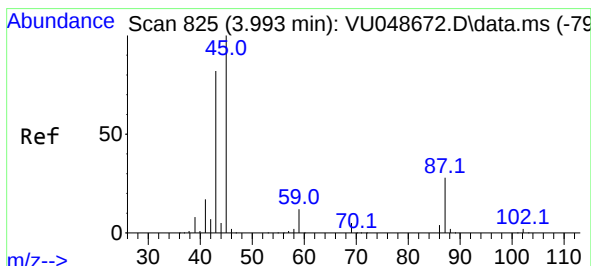
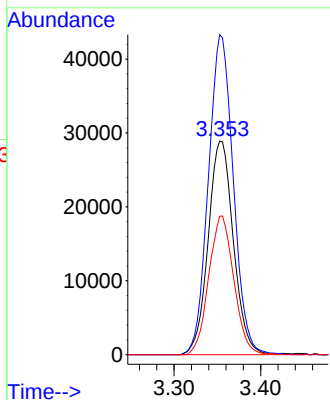
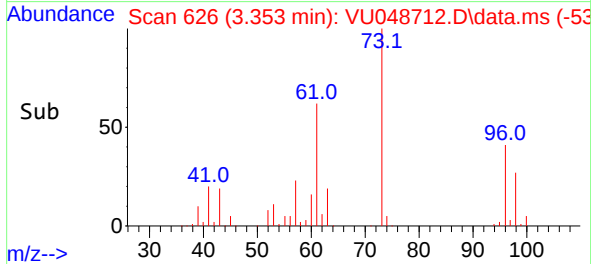
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



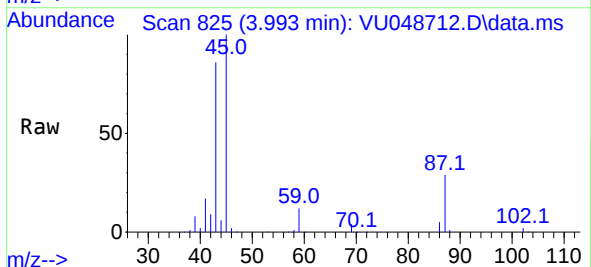
Tgt Ion: 96 Resp: 58619
Ion Ratio Lower Upper
96 100
61 149.8 109.4 164.2
98 64.8 48.9 73.3

Manual Integrations
APPROVED

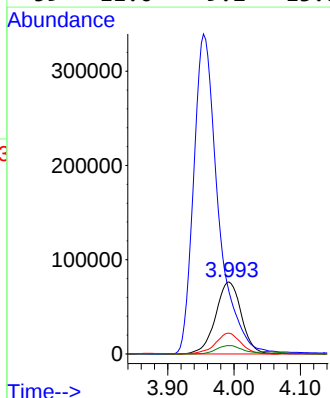
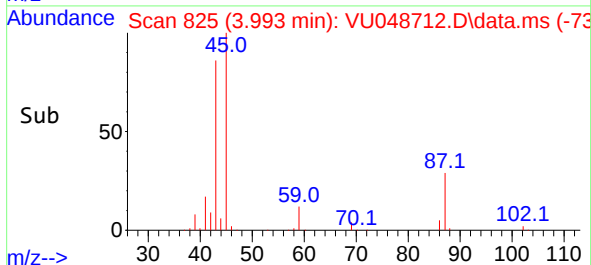
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

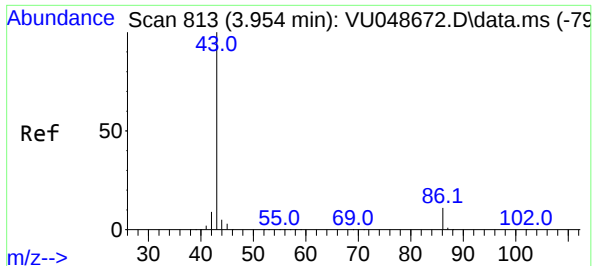


#22
Diisopropyl ether
Concen: 21.431 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



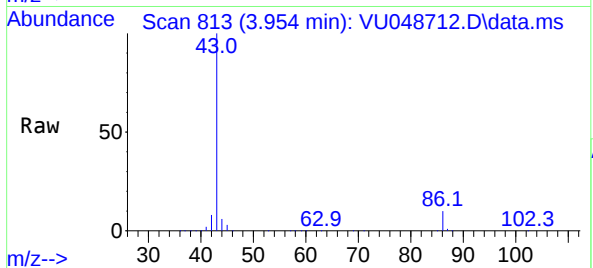
Tgt Ion: 45 Resp: 206216
Ion Ratio Lower Upper
45 100
43 83.0 65.2 97.8
87 28.9 22.7 34.1
59 11.6 9.2 13.8





#23
 Vinyl Acetate
 Concen: 105.362 ug/l
 RT: 3.954 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

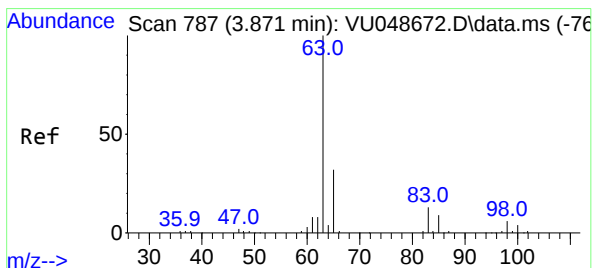
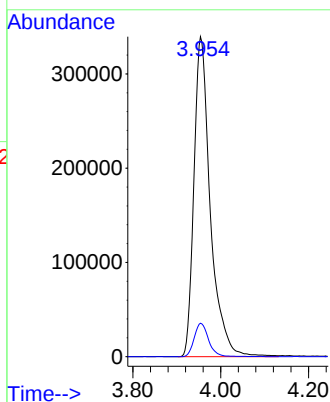
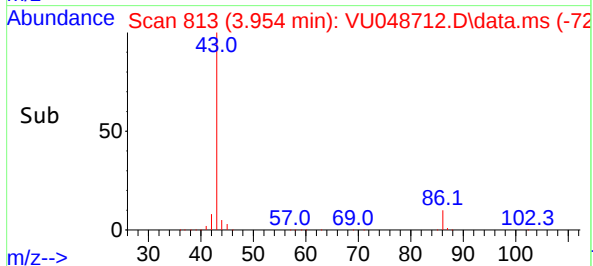
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBSD02



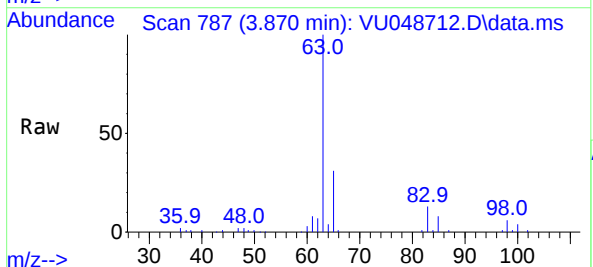
Tgt Ion: 43 Resp: 87838
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6

Manual Integrations
 APPROVED

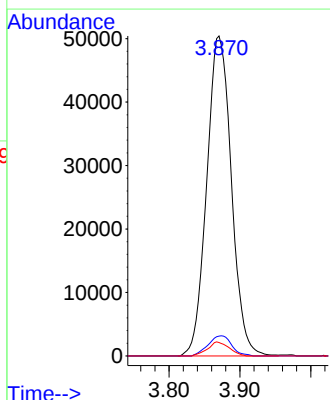
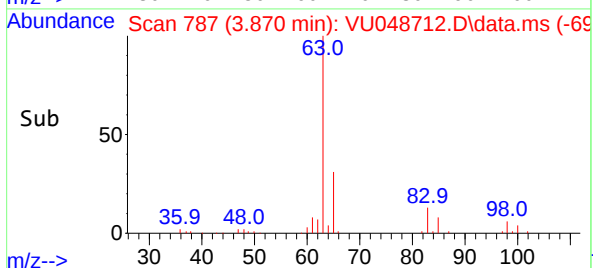
Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022

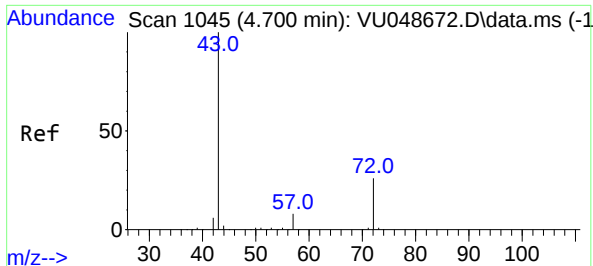


#24
 1,1-Dichloroethane
 Concen: 20.168 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17



Tgt Ion: 63 Resp: 121877
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.3
 100 4.2 2.0 5.8





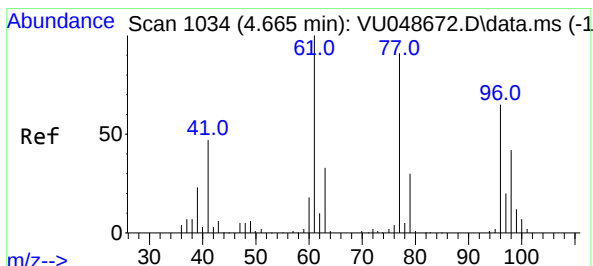
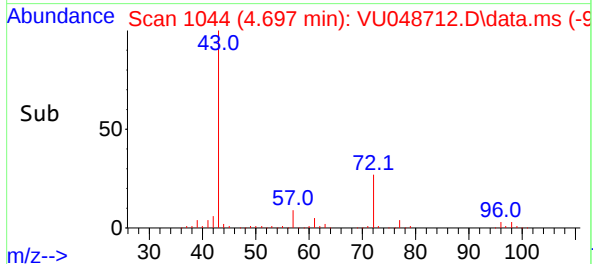
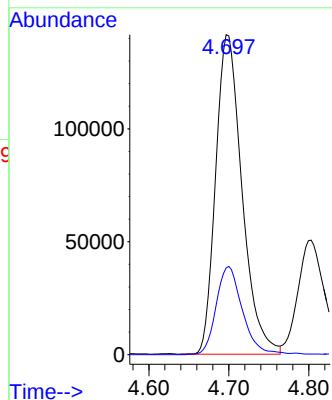
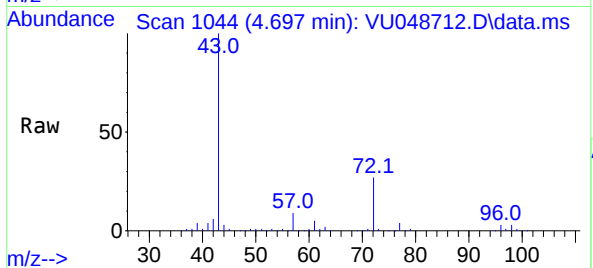
#25
2-Butanone
Concen: 111.239 ug/l
RT: 4.697 min Scan# 1044
Delta R.T. -0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion: 43 Resp: 323644
Ion Ratio Lower Upper
43 100
72 27.2 21.1 31.7

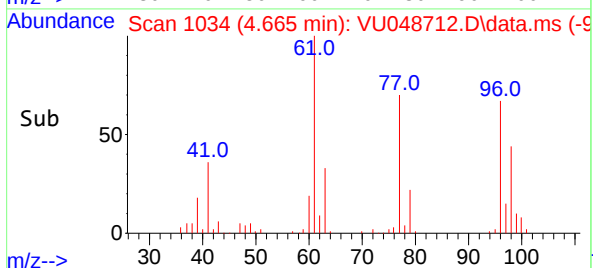
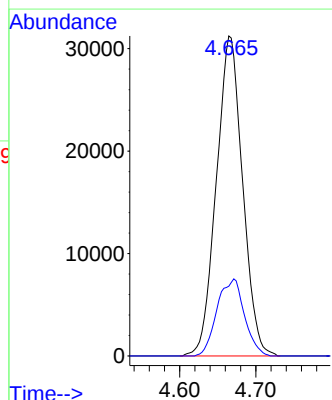
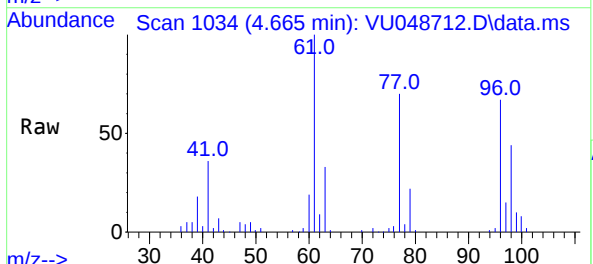
Manual Integrations
APPROVED

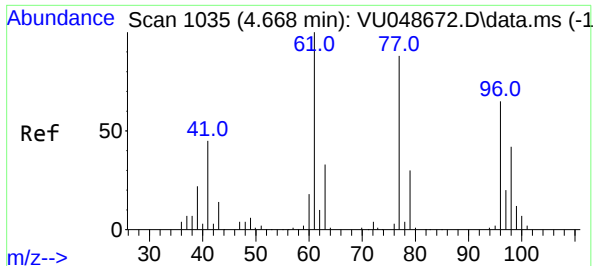
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#26
2,2-Dichloropropane
Concen: 13.804 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 77 Resp: 74838
Ion Ratio Lower Upper
77 100
97 25.1 11.1 33.1





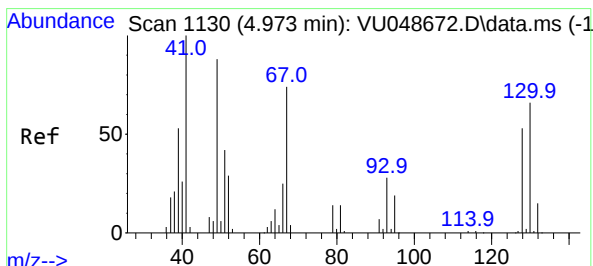
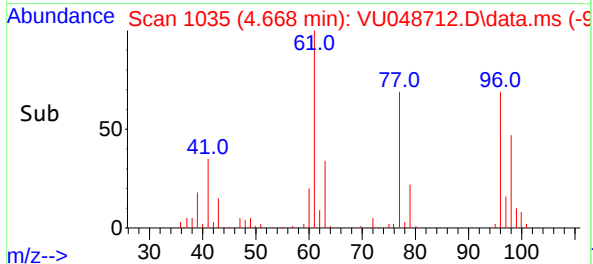
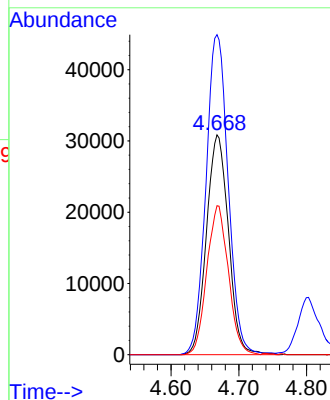
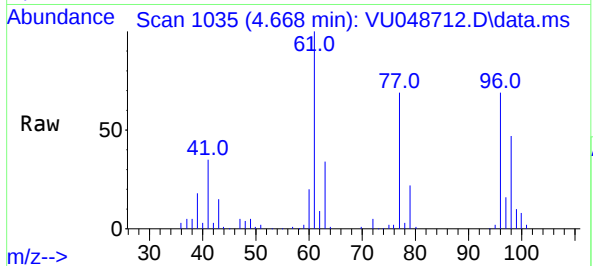
#27
cis-1,2-Dichloroethene
Concen: 19.476 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion: 96 Resp: 6945
Ion Ratio Lower Upper
96 100
61 146.8 0.0 306.2
98 66.5 0.0 130.4

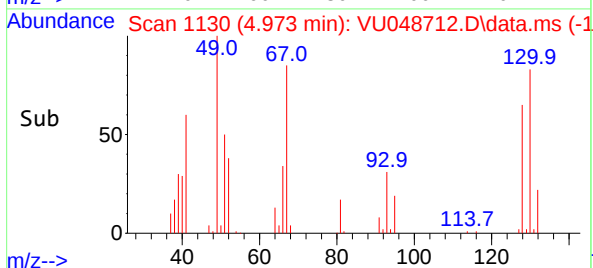
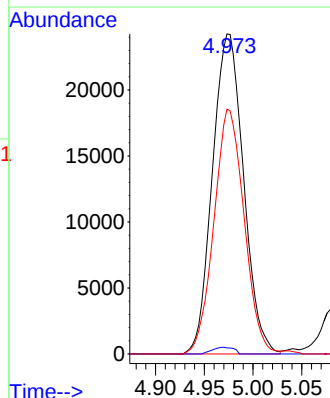
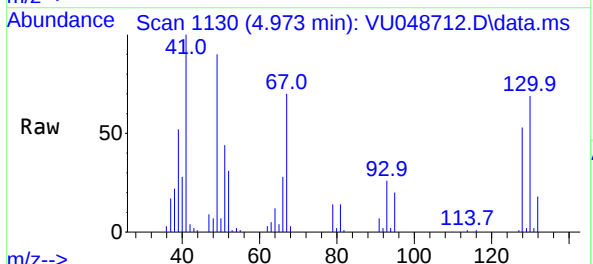
Manual Integrations
APPROVED

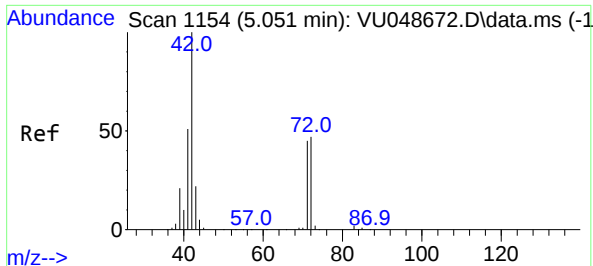
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#28
Bromochloromethane
Concen: 22.682 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

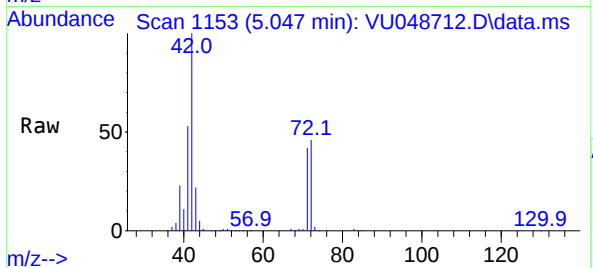
Tgt Ion: 49 Resp: 53764
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 74.2 62.1 93.1





#29
Tetrahydrofuran
Concen: 110.422 ug/l
RT: 5.047 min Scan# 1153
Delta R.T. -0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

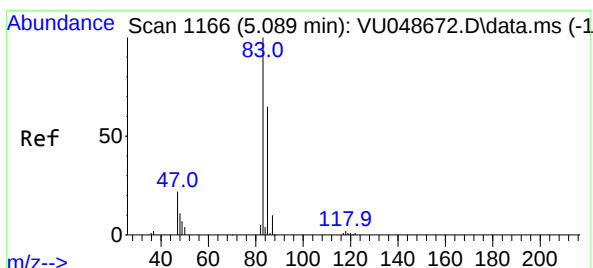
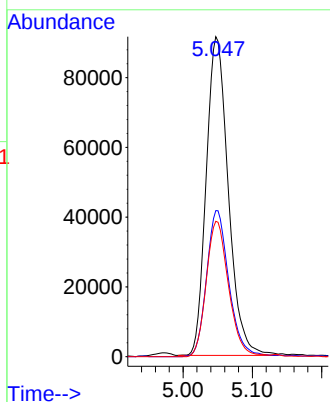
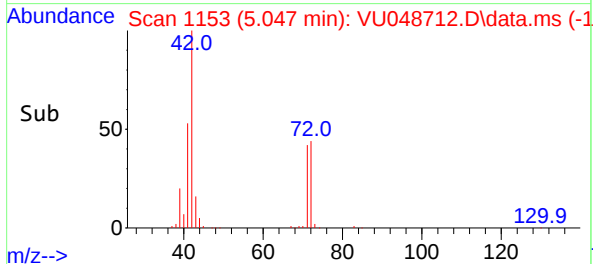
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 42 Resp: 20236
Ion Ratio Lower Upper
42 100
72 46.4 37.6 56.4
71 42.9 35.0 52.4

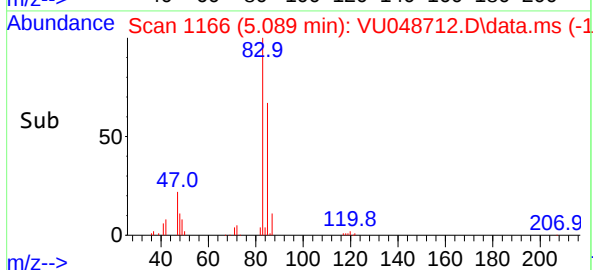
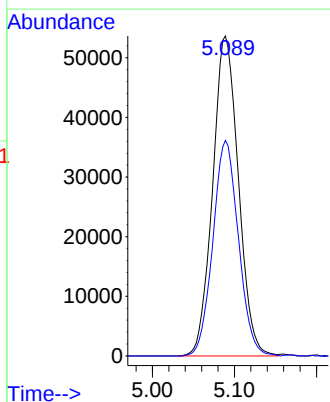
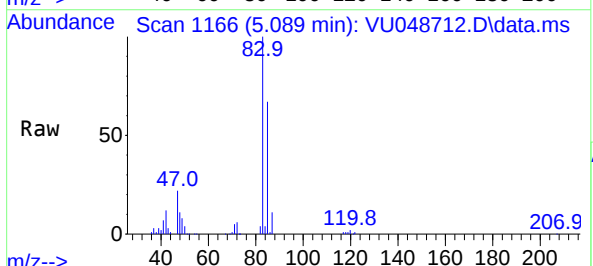
Manual Integrations
APPROVED

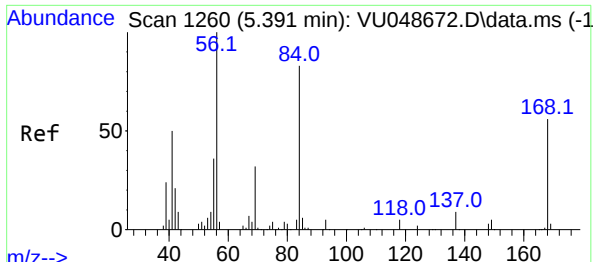
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#30
Chloroform
Concen: 19.360 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

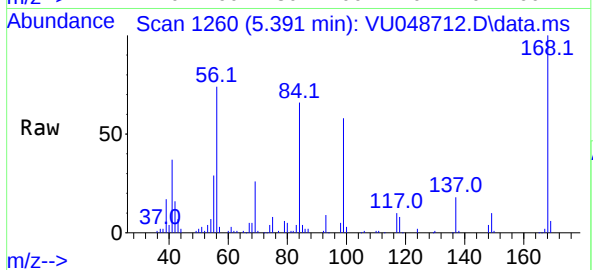
Tgt Ion: 83 Resp: 117063
Ion Ratio Lower Upper
83 100
85 67.3 52.2 78.2





#31
Cyclohexane
Concen: 20.046 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

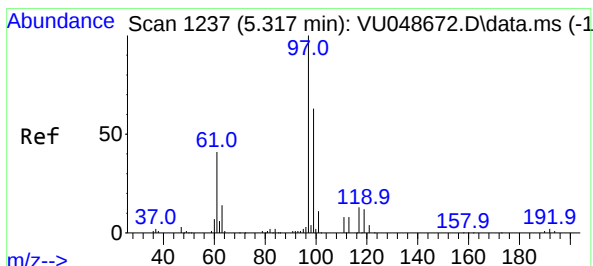
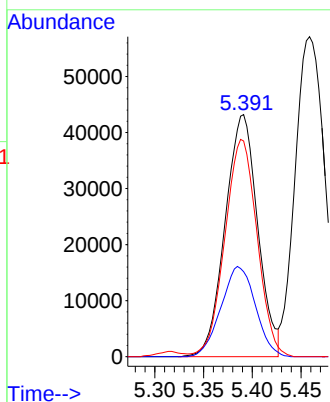
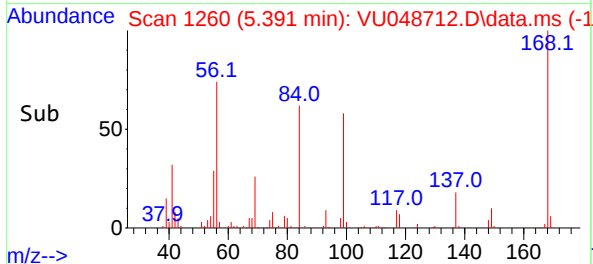
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



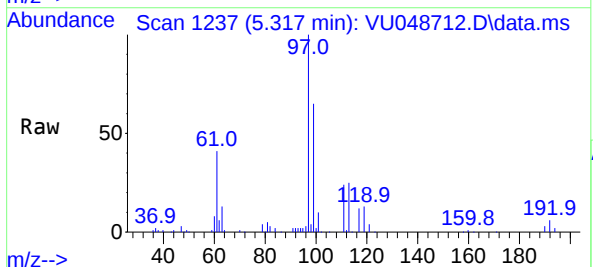
Tgt Ion: 56 Resp: 100392
Ion Ratio Lower Upper
56 100
69 35.1 25.6 38.4
84 87.6 66.2 99.4

Manual Integrations
APPROVED

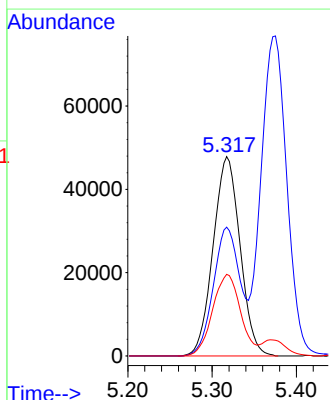
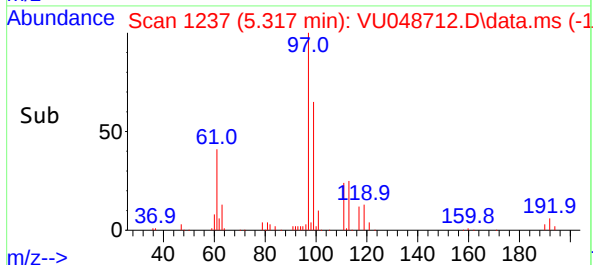
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

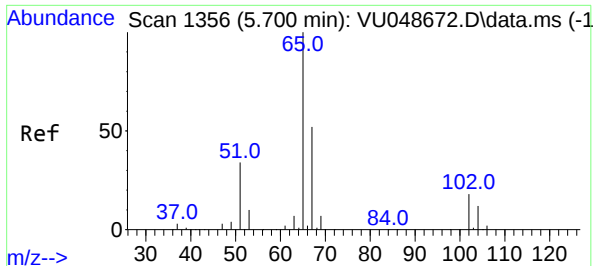


#32
1,1,1-Trichloroethane
Concen: 19.377 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



Tgt Ion: 97 Resp: 106302
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 42.4 34.5 51.7





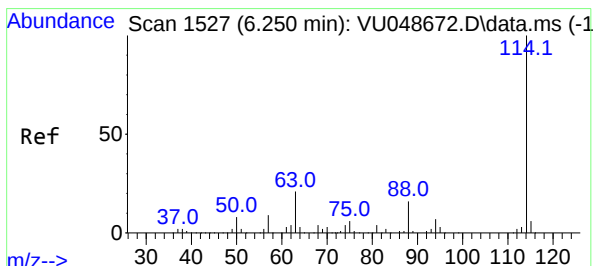
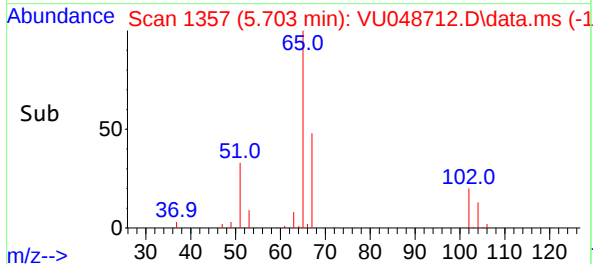
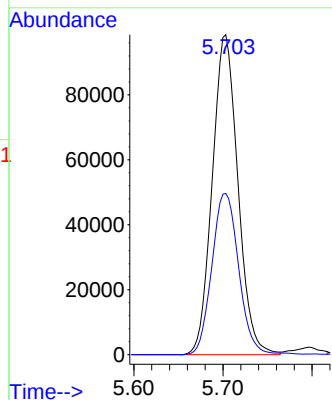
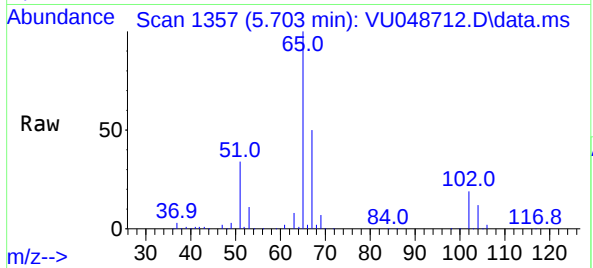
#33
1,2-Dichloroethane-d4
Concen: 49.583 ug/l
RT: 5.703 min Scan# 1356
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion: 65 Resp: 19704
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

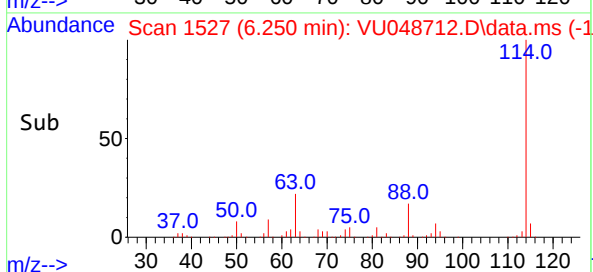
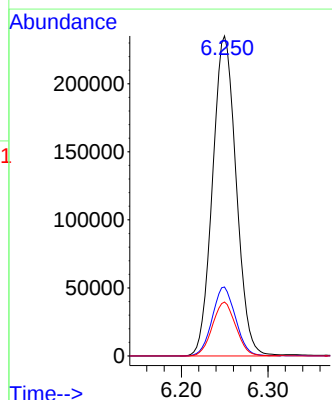
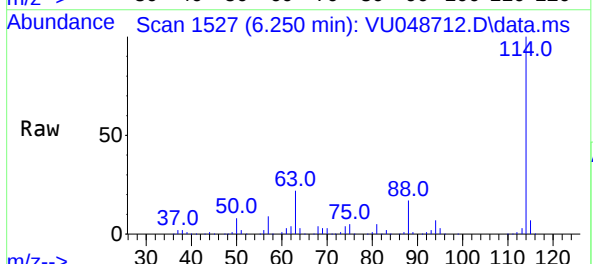
Manual Integrations
APPROVED

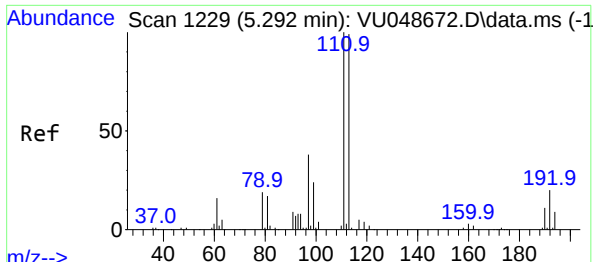
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

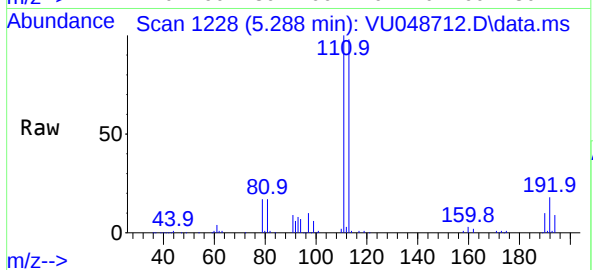
Tgt Ion:114 Resp: 445352
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.6
88 16.9 0.0 32.2





#35
Dibromofluoromethane
Concen: 48.449 ug/l
RT: 5.288 min Scan# 1113
Delta R.T. -0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

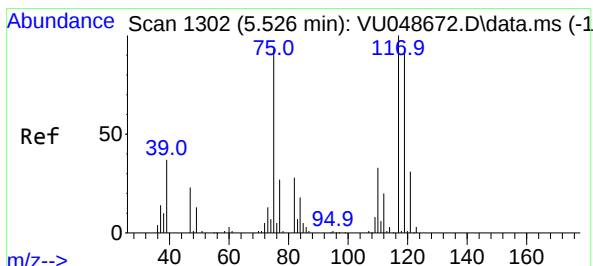
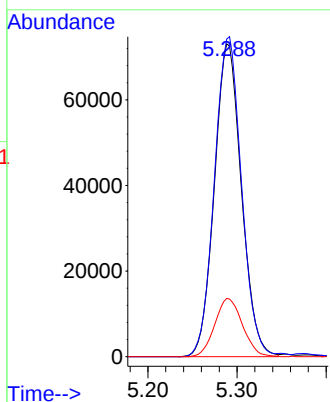
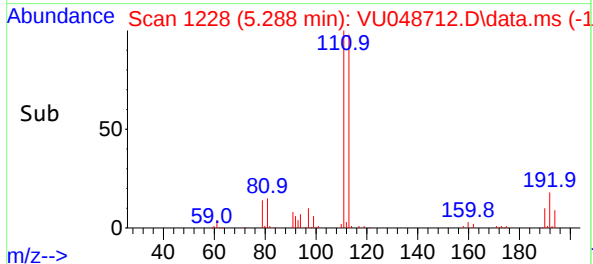
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion:113 Resp: 153934
Ion Ratio Lower Upper
113 100
111 102.4 80.7 121.1
192 19.1 15.9 23.9

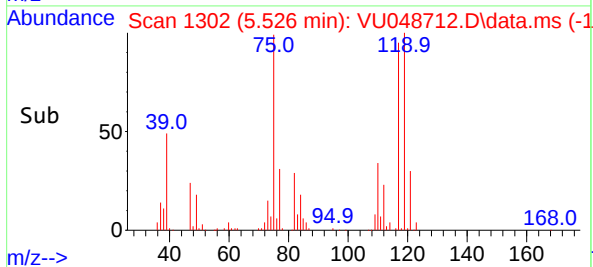
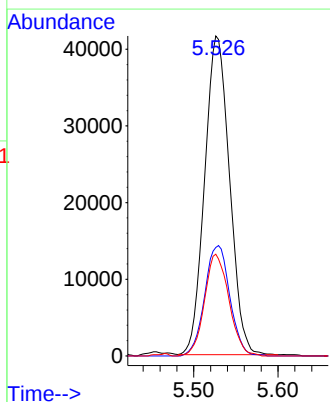
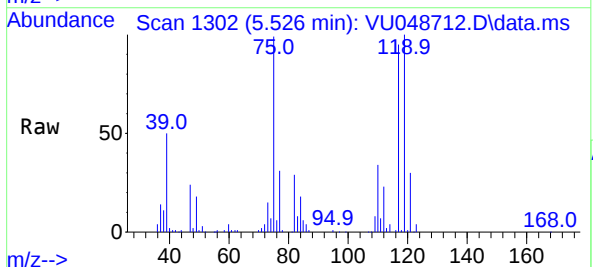
Manual Integrations
APPROVED

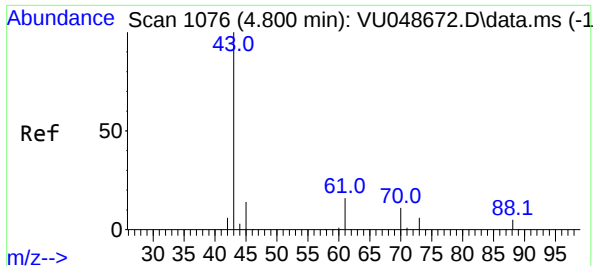
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#36
1,1-Dichloropropene
Concen: 18.406 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

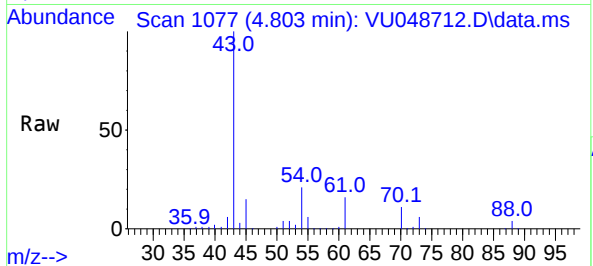
Tgt Ion: 75 Resp: 85350
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.4 24.8 37.2





#37
Ethyl Acetate
Concen: 19.661 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

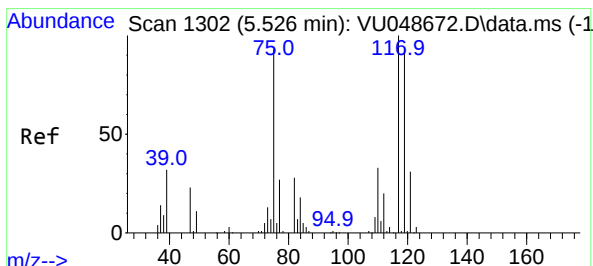
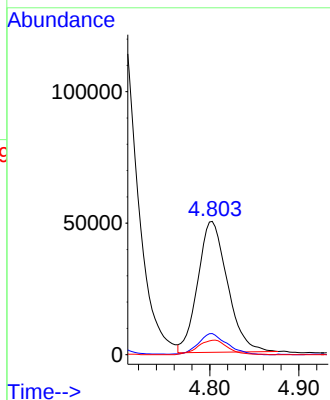
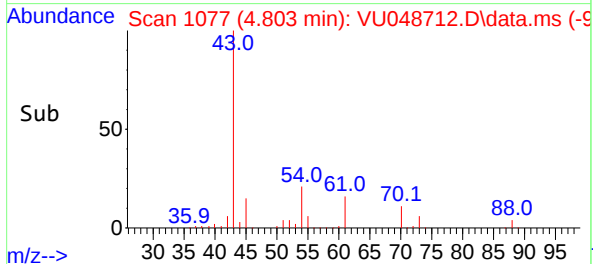
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 43 Resp: 11525
Ion Ratio Lower Upper
43 100
61 15.7 11.7 17.5
70 11.1 8.4 12.6

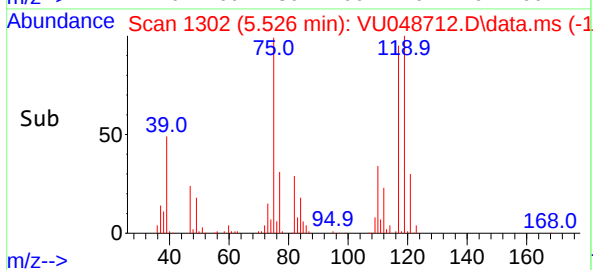
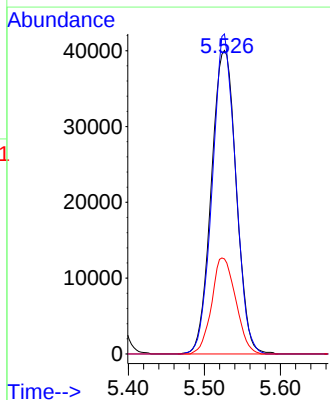
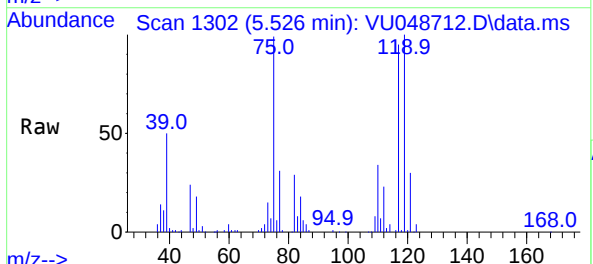
Manual Integrations
APPROVED

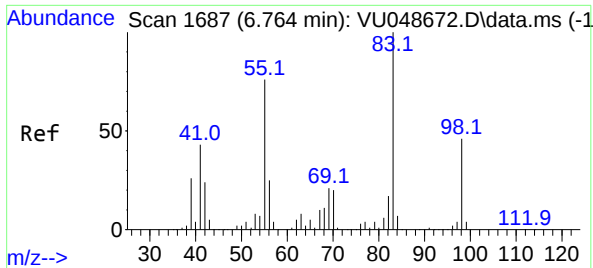
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#38
Carbon Tetrachloride
Concen: 17.115 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

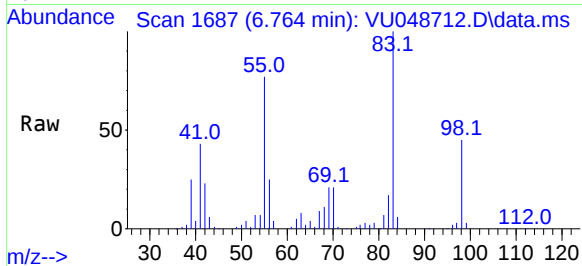
Tgt Ion:117 Resp: 91051
Ion Ratio Lower Upper
117 100
119 105.4 75.4 113.2
121 31.3 24.6 36.8





#39
Methylcyclohexane
Concen: 18.660 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

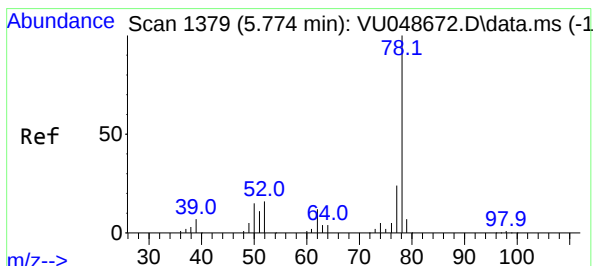
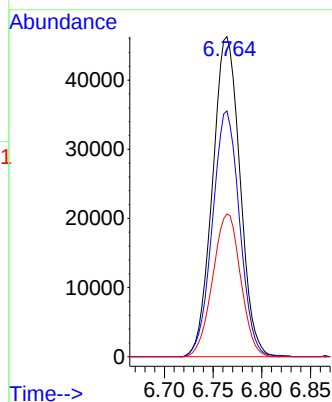
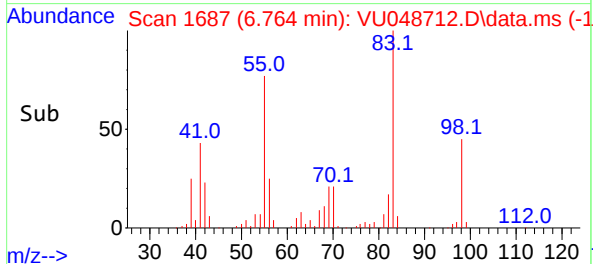
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 83 Resp: 90720
Ion Ratio Lower Upper
83 100
55 76.8 61.0 91.6
98 44.6 36.8 55.2

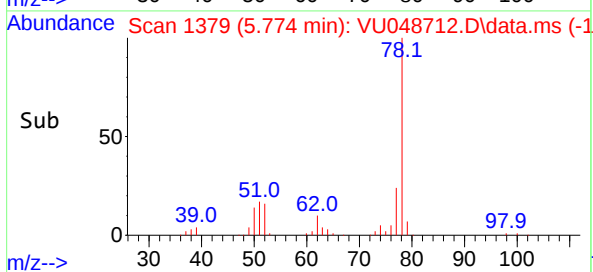
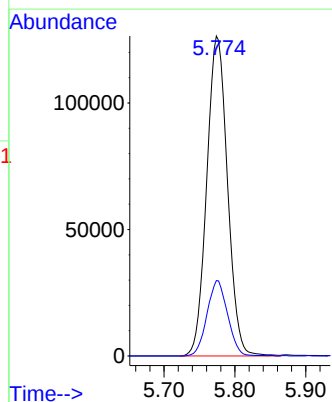
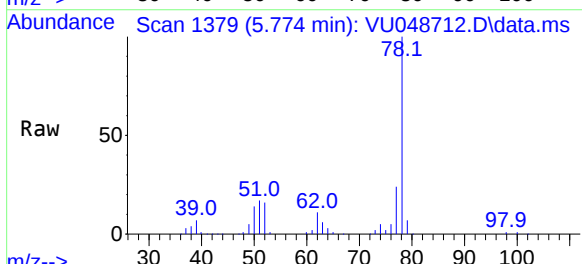
Manual Integrations
APPROVED

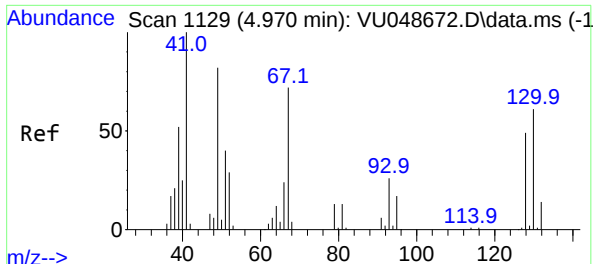
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#40
Benzene
Concen: 18.784 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

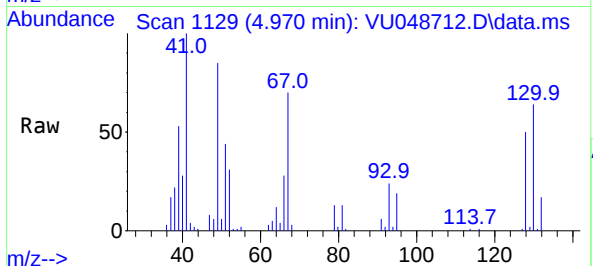
Tgt Ion: 78 Resp: 257149
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 20.484 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

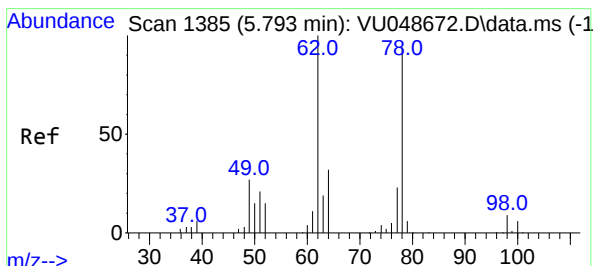
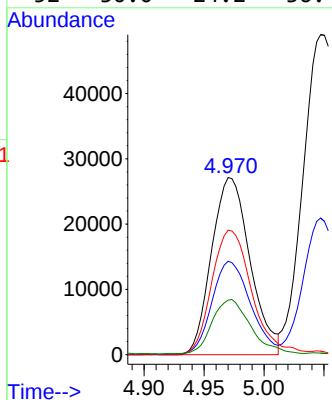
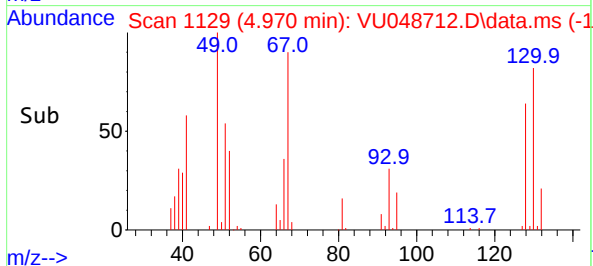
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 41 Resp: 60680
Ion Ratio Lower Upper
41 100
39 52.9 42.6 64.0
67 73.2 61.0 91.4
52 30.0 24.2 36.4

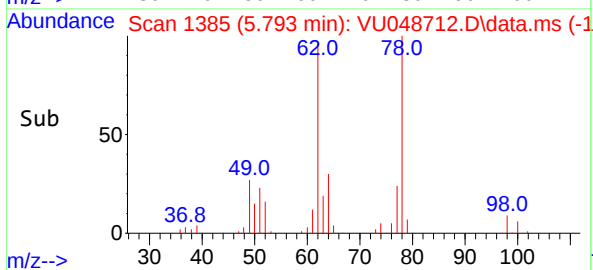
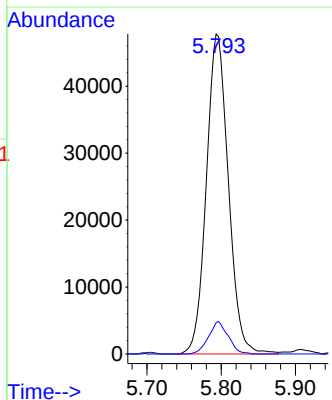
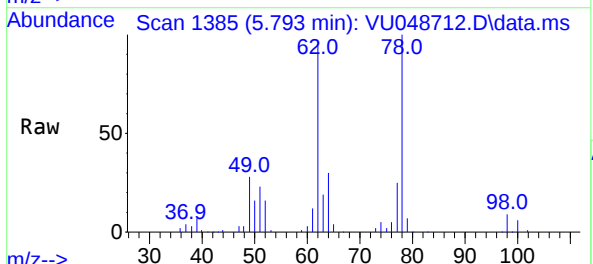
Manual Integrations
APPROVED

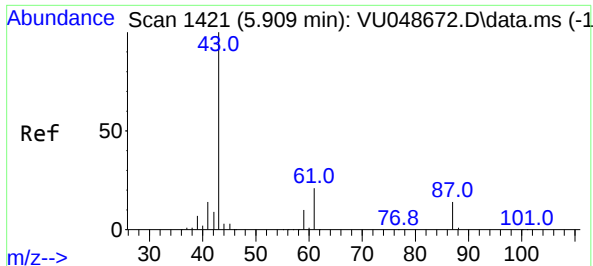
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#42
1,2-Dichloroethane
Concen: 18.373 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

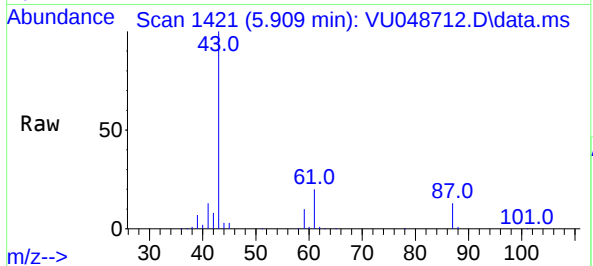
Tgt Ion: 62 Resp: 98464
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.0





#43
Isopropyl Acetate
Concen: 20.186 ug/l
RT: 5.909 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

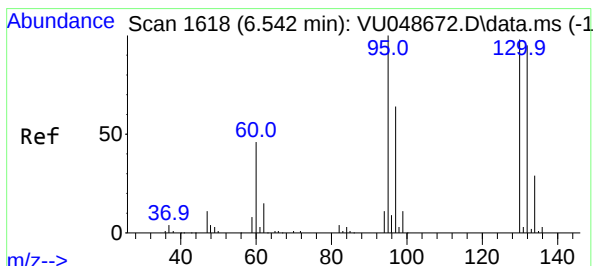
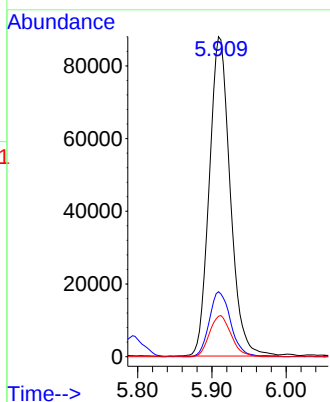
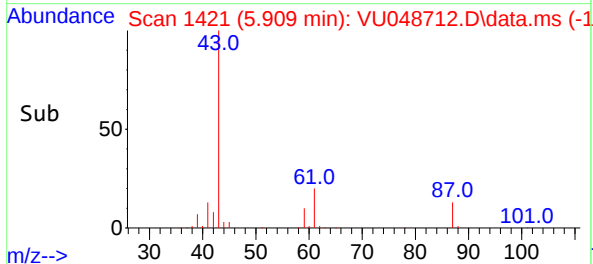
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



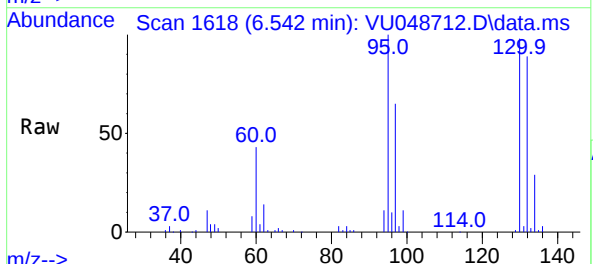
Tgt Ion: 43 Resp: 17175
Ion Ratio Lower Upper
43 100
61 20.8 16.7 25.1
87 13.2 10.9 16.3

Manual Integrations
APPROVED

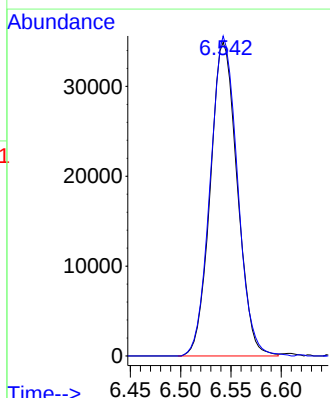
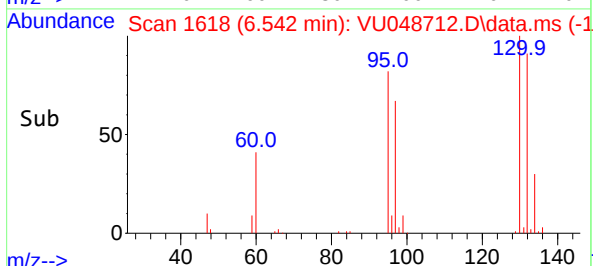
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

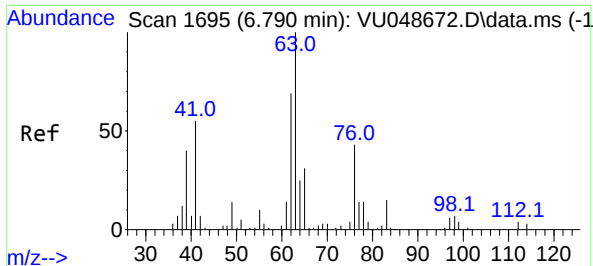


#44
Trichloroethene
Concen: 18.450 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



Tgt Ion:130 Resp: 65074
Ion Ratio Lower Upper
130 100
95 102.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 21.101 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

Tgt Ion: 63 Resp: 72720

Ion Ratio Lower Upper

63 100

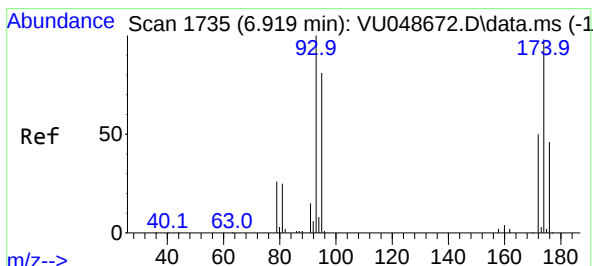
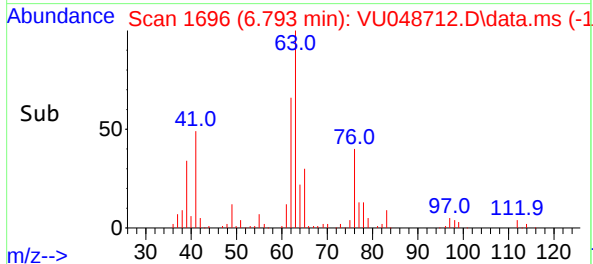
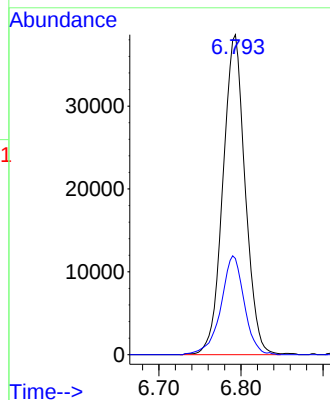
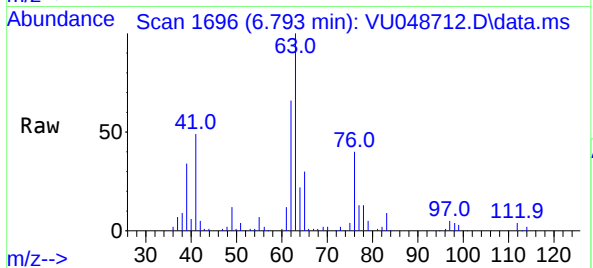
65 30.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#46

Dibromomethane

Concen: 19.095 ug/l

RT: 6.918 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

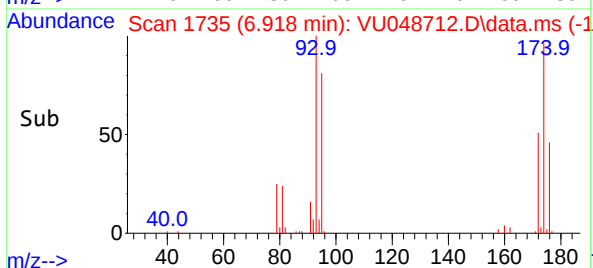
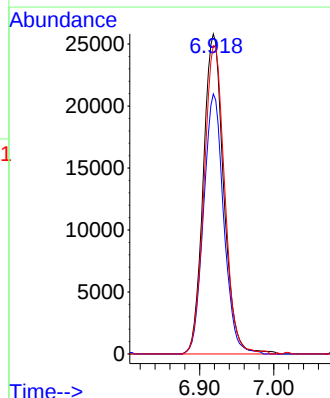
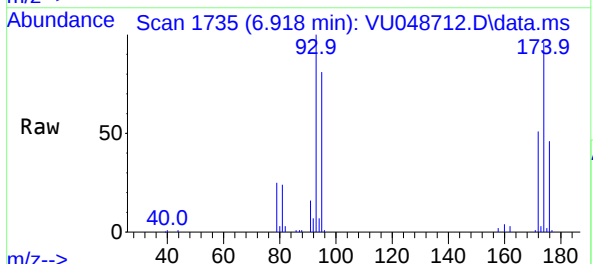
Tgt Ion: 93 Resp: 49169

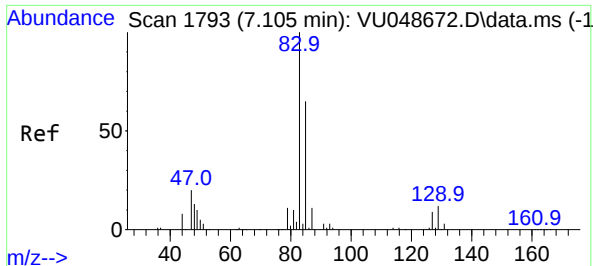
Ion Ratio Lower Upper

93 100

95 80.3 65.1 97.7

174 97.0 77.8 116.6





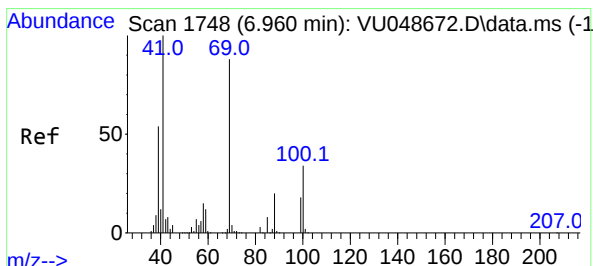
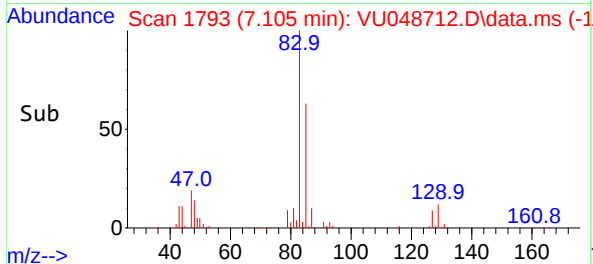
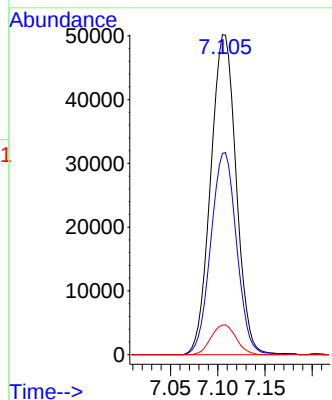
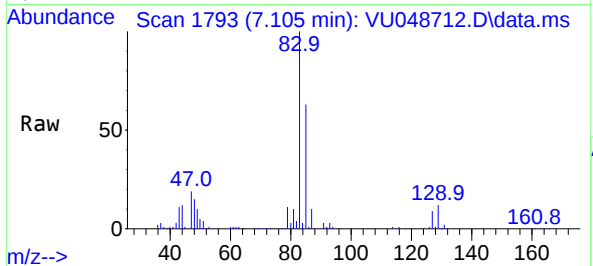
#47
Bromodichloromethane
Concen: 18.072 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion: 83 Resp: 9410
Ion Ratio Lower Upper
83 100
85 62.9 52.1 78.1
127 9.3 6.9 10.3

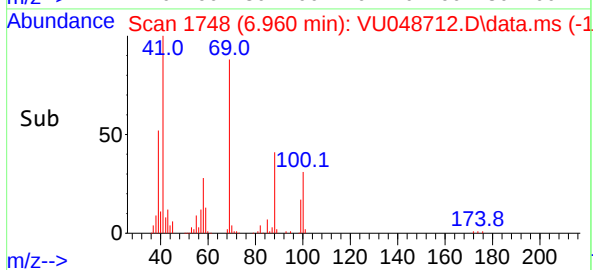
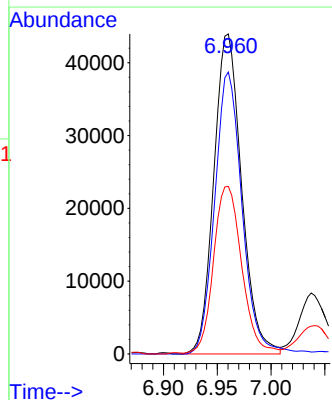
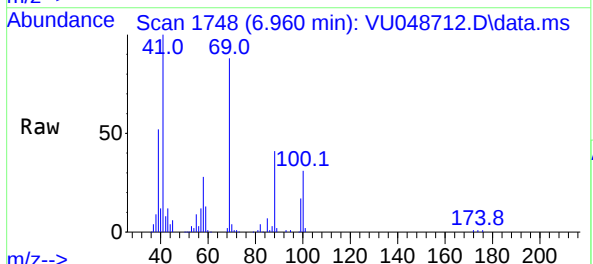
Manual Integrations
APPROVED

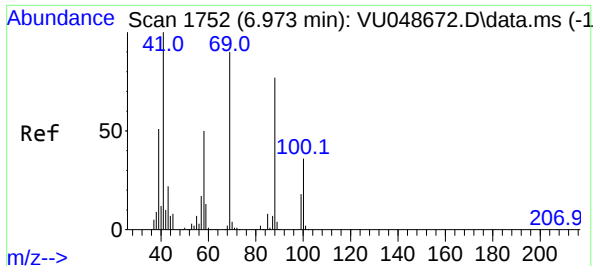
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#48
Methyl methacrylate
Concen: 20.699 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

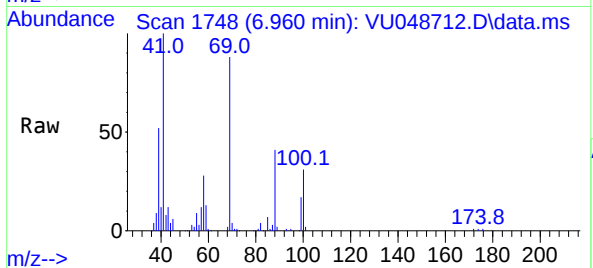
Tgt Ion: 41 Resp: 79062
Ion Ratio Lower Upper
41 100
69 86.8 70.7 106.1
39 52.4 43.4 65.2





#49
1,4-Dioxane
Concen: 399.612 ug/l
RT: 6.960 min Scan# 1752
Delta R.T. -0.013 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

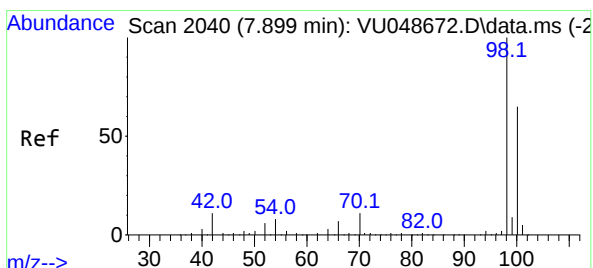
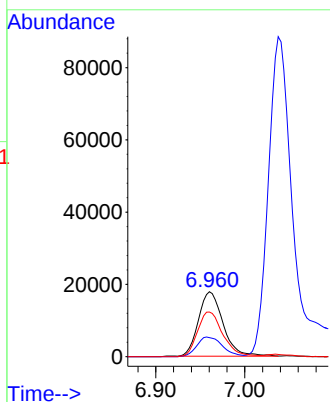
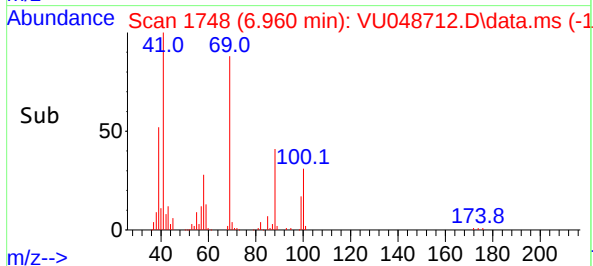
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 88 Resp: 3412
Ion Ratio Lower Upper
88 100
43 32.0 24.6 36.8
58 71.8 54.7 82.1

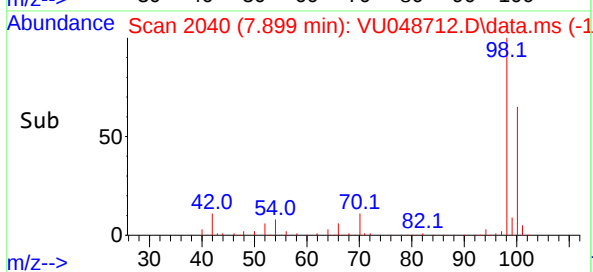
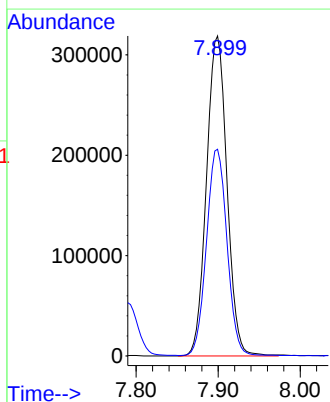
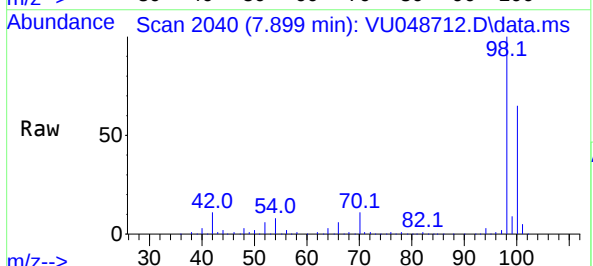
Manual Integrations
APPROVED

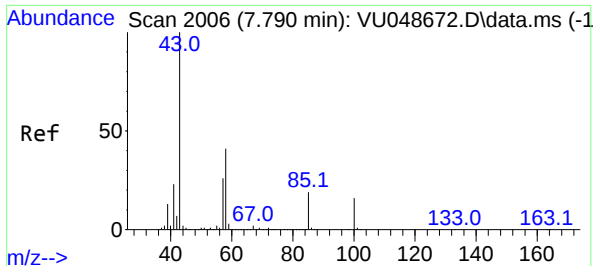
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#50
Toluene-d8
Concen: 48.631 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

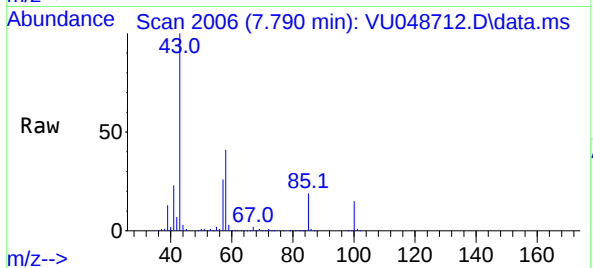
Tgt Ion: 98 Resp: 553872
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 109.411 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

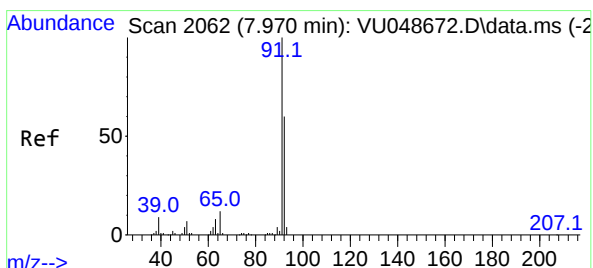
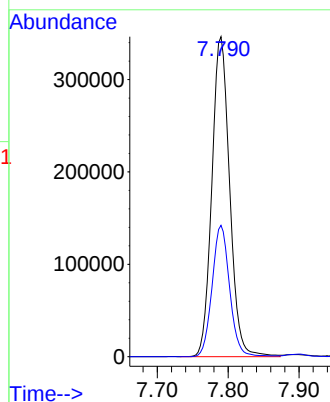
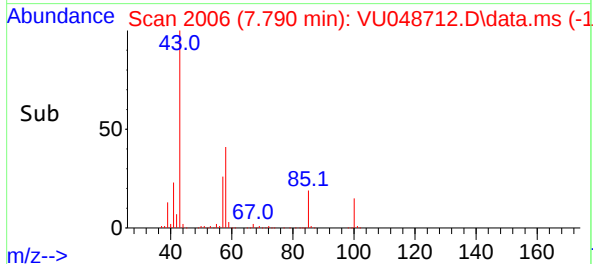
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



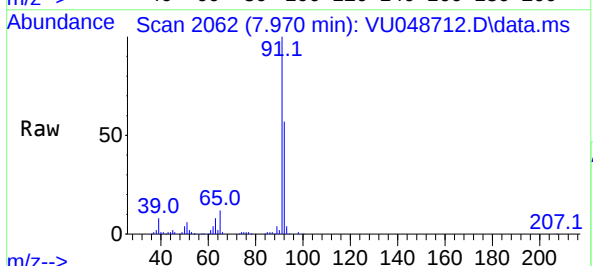
Tgt Ion: 43 Resp: 604468
Ion Ratio Lower Upper
43 100
58 40.4 32.7 49.1

Manual Integrations
APPROVED

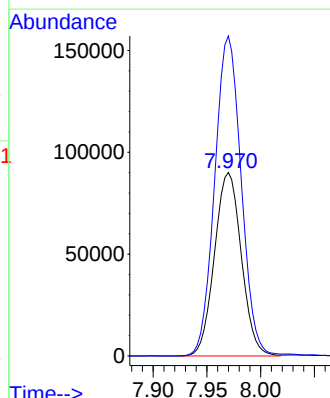
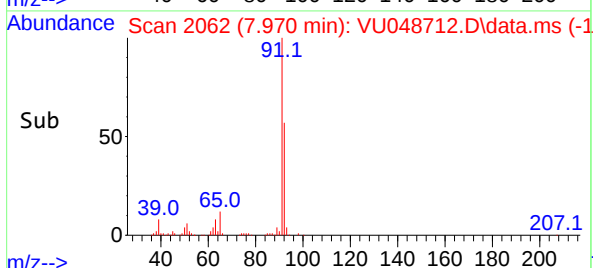
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

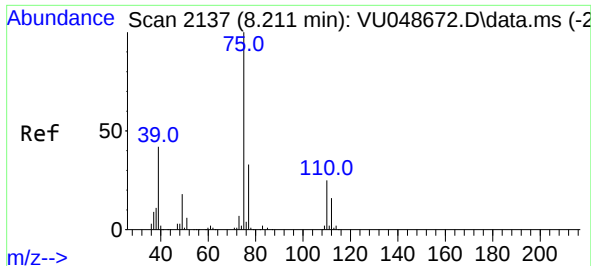


#52
Toluene
Concen: 19.092 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



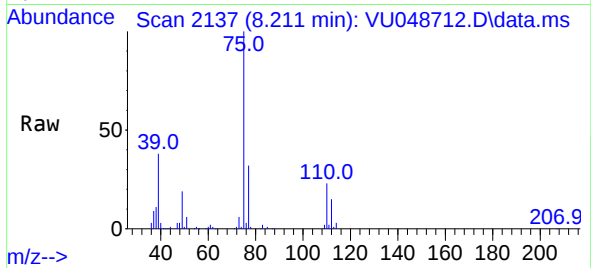
Tgt Ion: 92 Resp: 156337
Ion Ratio Lower Upper
92 100
91 172.1 135.0 202.4





#53
 t-1,3-Dichloropropene
 Concen: 18.312 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

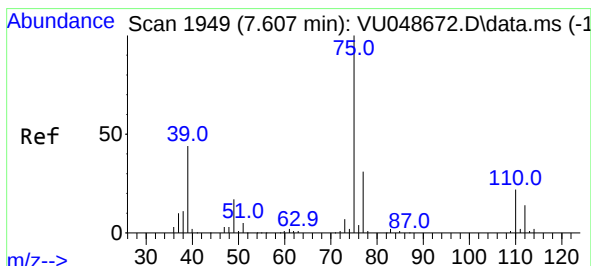
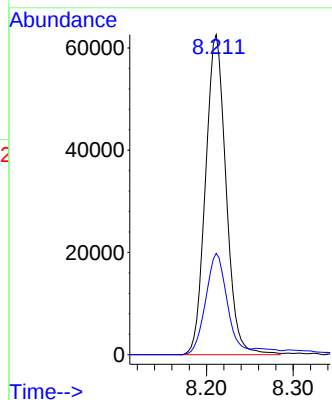
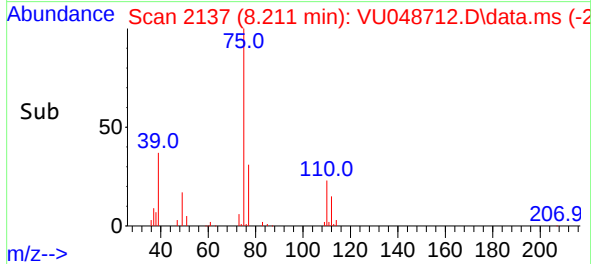
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBSD02



Tgt Ion: 75 Resp: 10286
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.4

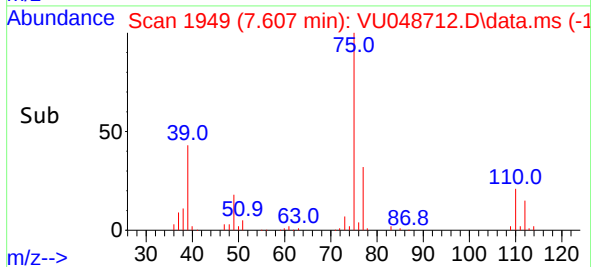
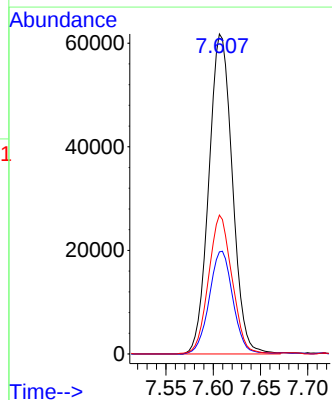
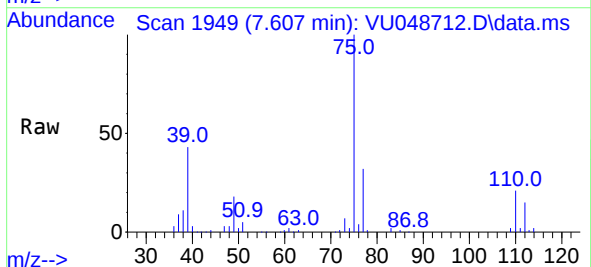
Manual Integrations
 APPROVED

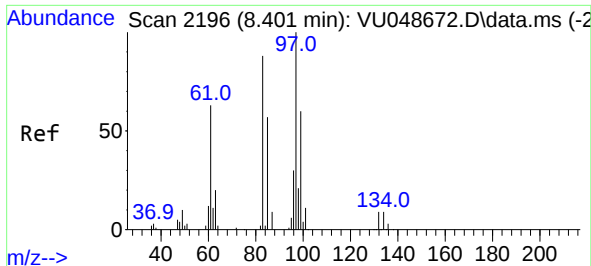
Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022



#54
 cis-1,3-Dichloropropene
 Concen: 18.345 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

Tgt Ion: 75 Resp: 106783
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.9 37.3
 39 43.2 35.2 52.8





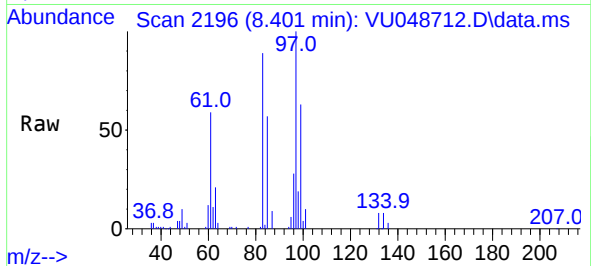
#55
1,1,2-Trichloroethane
Concen: 19.077 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

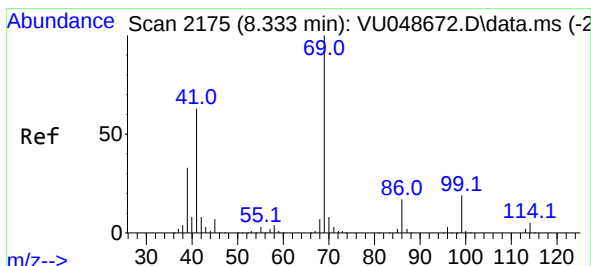
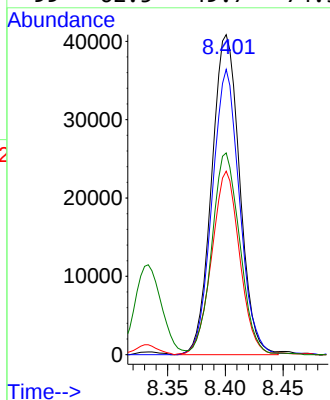


Tgt Ion:	97	Resp:	6894
Ion Ratio	100	Lower	Upper
97	100		
83	89.1	70.2	105.4
85	57.1	45.6	68.4
99	62.5	49.7	74.5

Manual Integrations

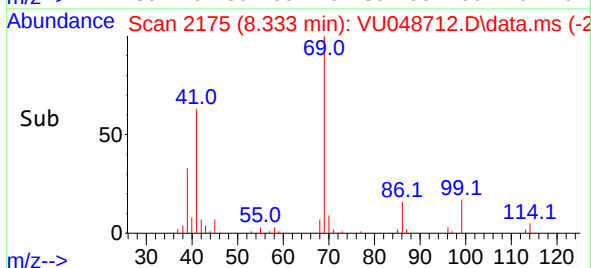
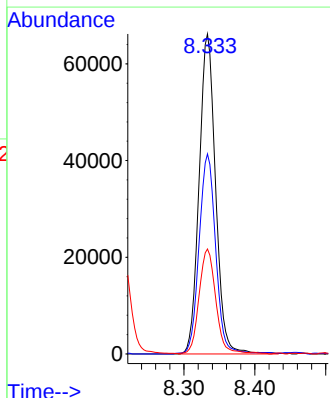
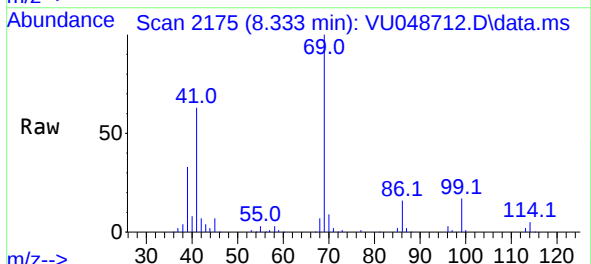
APPROVED

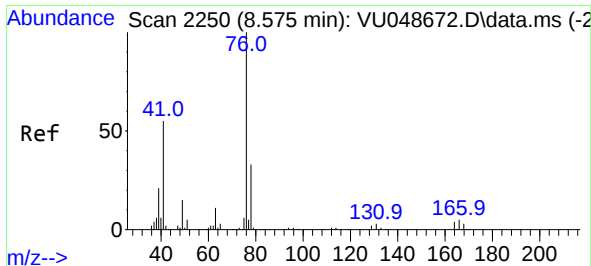
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#56
Ethyl methacrylate
Concen: 20.306 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:	69	Resp:	106614
Ion Ratio	100	Lower	Upper
69	100		
41	63.0	50.6	76.0
39	32.6	26.6	40.0





#57

1,3-Dichloropropane

Concen: 19.186 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

Tgt Ion: 76 Resp: 11670

Ion Ratio Lower Upper

76 100

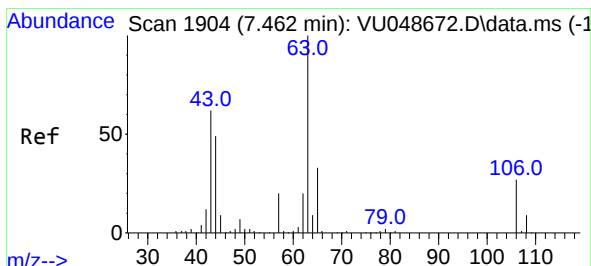
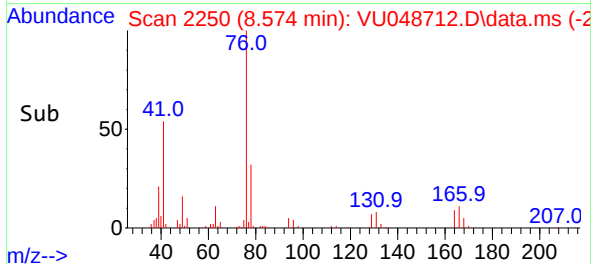
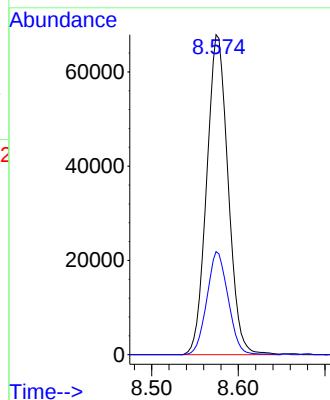
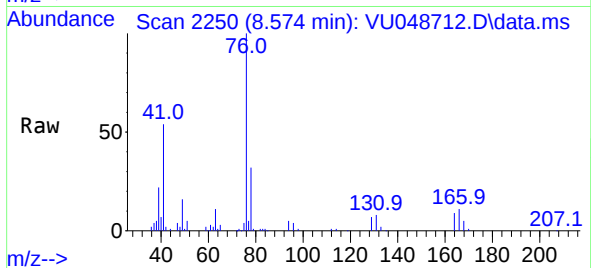
78 31.9 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 86.220 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048712.D

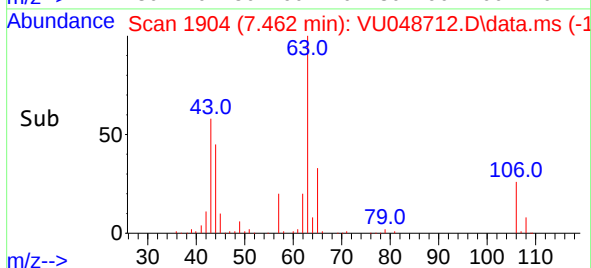
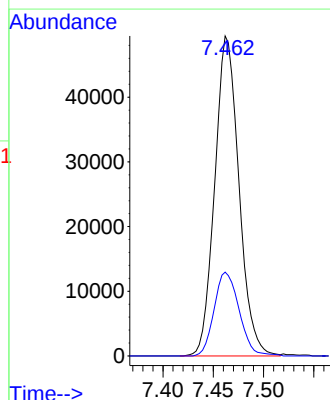
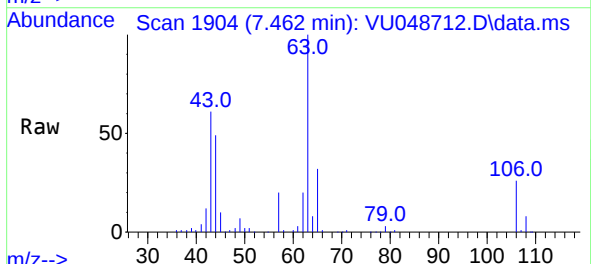
Acq: 27 May 2022 23:17

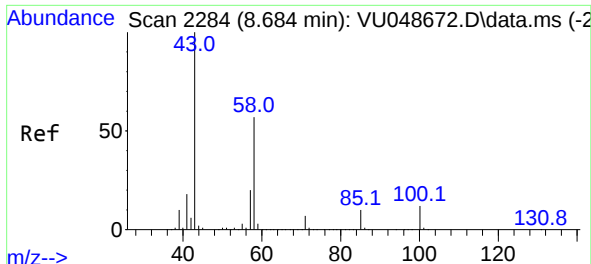
Tgt Ion: 63 Resp: 82760

Ion Ratio Lower Upper

63 100

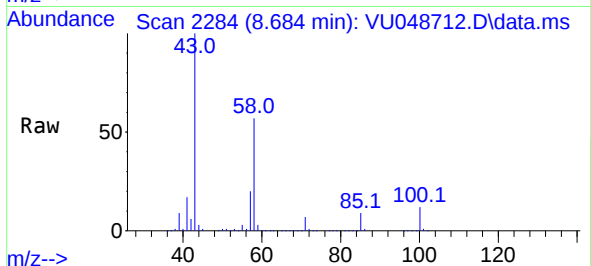
106 27.1 22.2 33.2





#59
2-Hexanone
Concen: 101.496 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

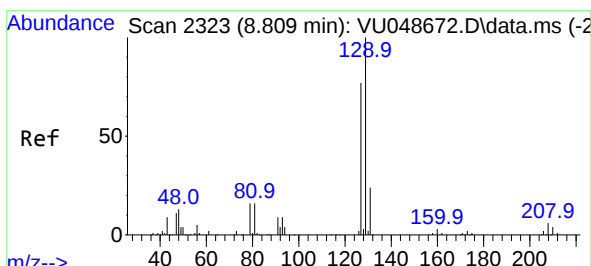
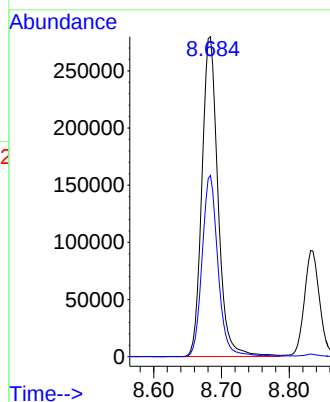
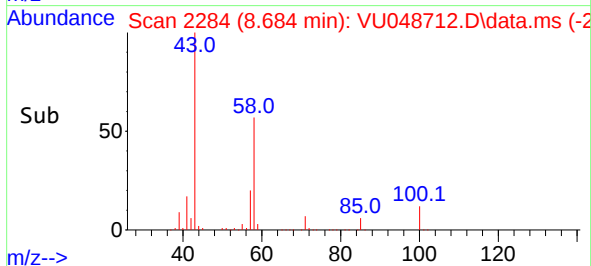
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 43 Resp: 46035
Ion Ratio Lower Upper
43 100
58 56.2 28.2 84.6

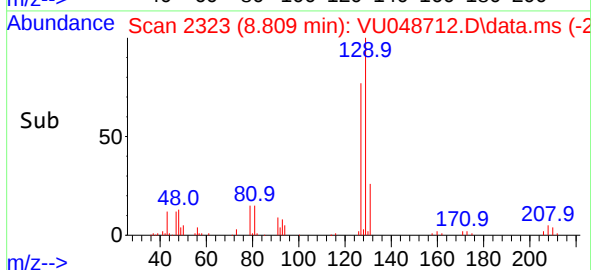
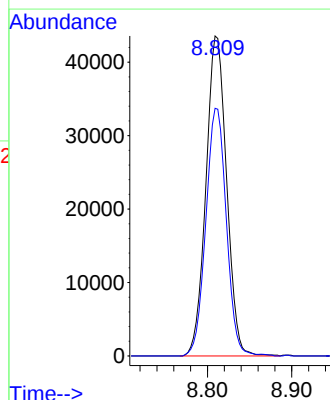
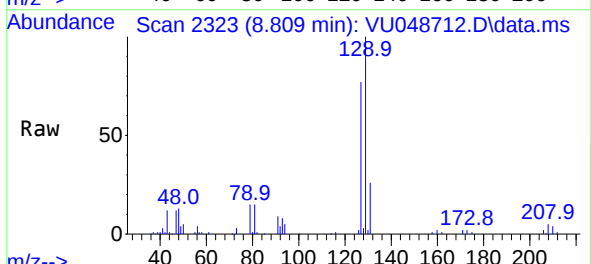
Manual Integrations
APPROVED

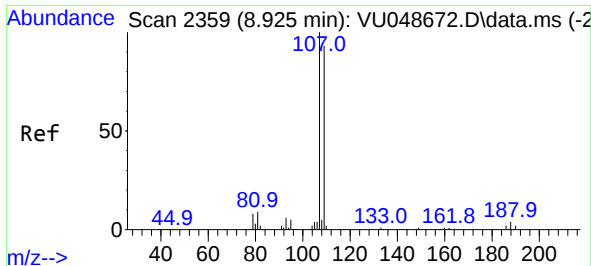
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#60
Dibromochloromethane
Concen: 18.384 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:129 Resp: 74475
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





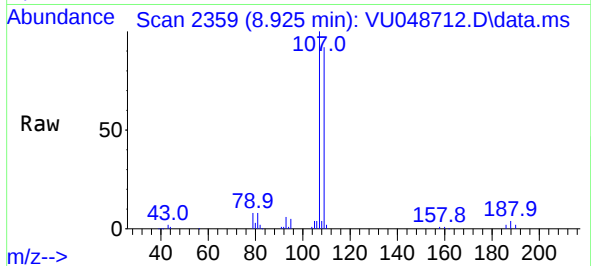
#61
1,2-Dibromoethane
Concen: 18.253 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

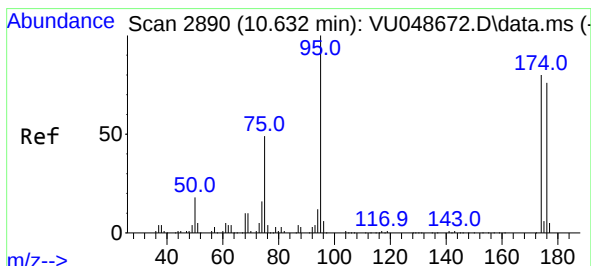
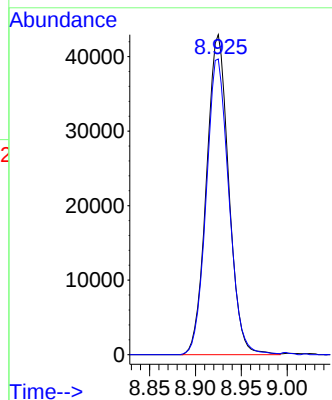


Tgt Ion:107 Resp: 72649
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

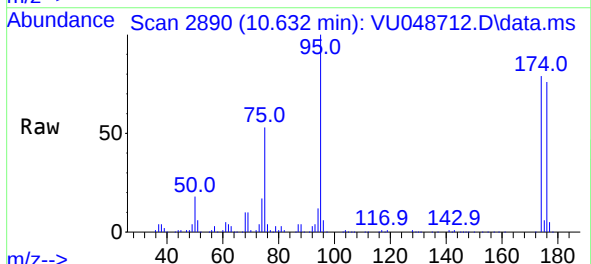
Manual Integrations

APPROVED

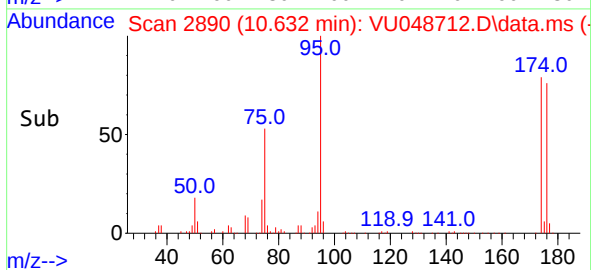
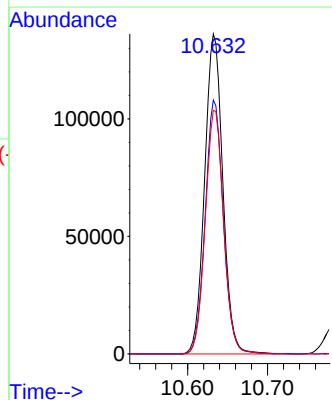
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

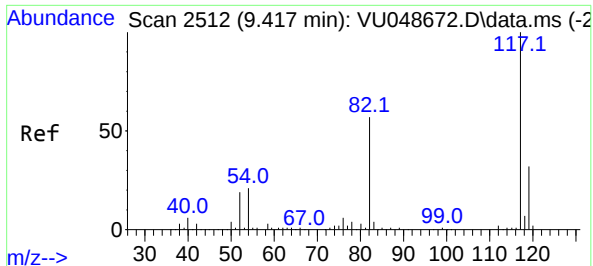


#62
4-Bromofluorobenzene
Concen: 50.044 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



Tgt Ion: 95 Resp: 215557
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.4
176 76.7 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

Tgt Ion:117 Resp: 424760

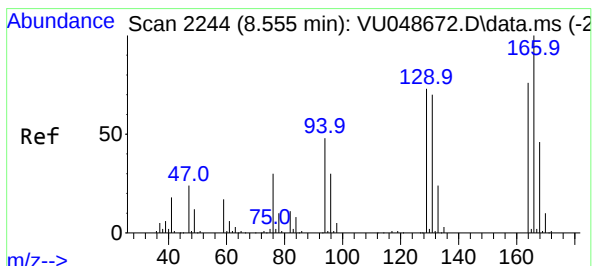
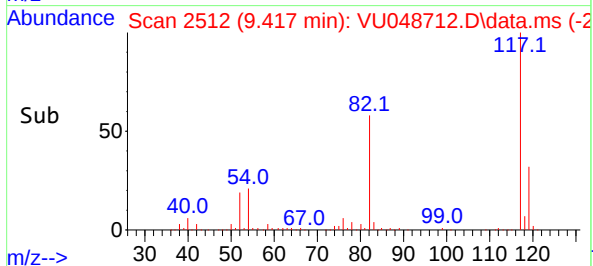
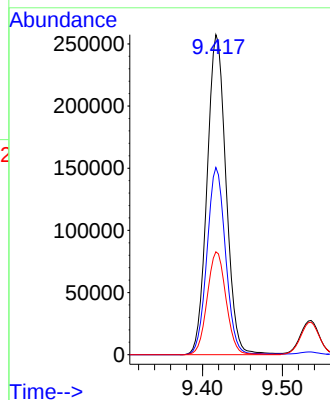
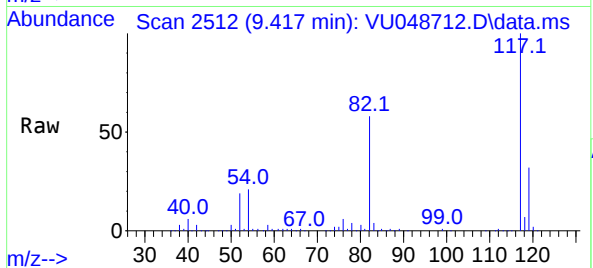
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.3	67.9
119	32.1	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#64

Tetrachloroethene

Concen: 18.164 ug/l

RT: 8.552 min Scan# 2243

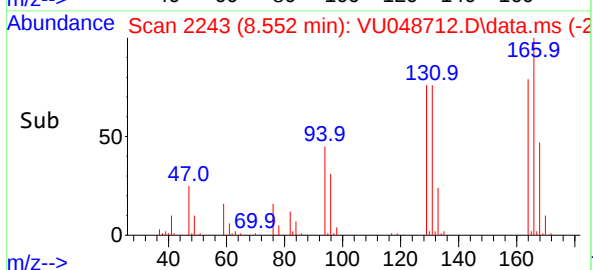
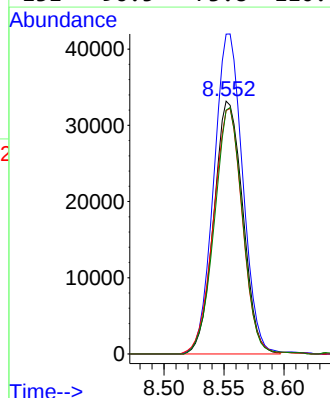
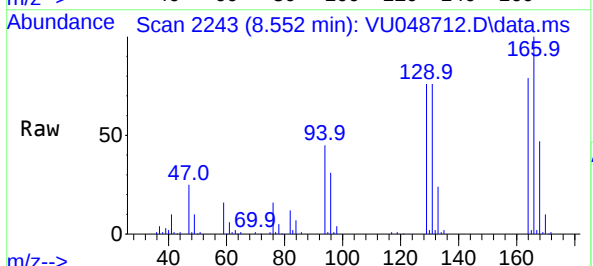
Delta R.T. -0.003 min

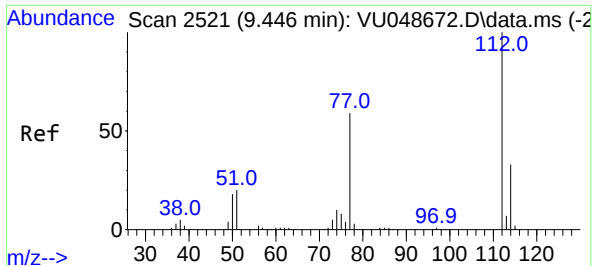
Lab File: VU048712.D

Acq: 27 May 2022 23:17

Tgt Ion:164 Resp: 55658

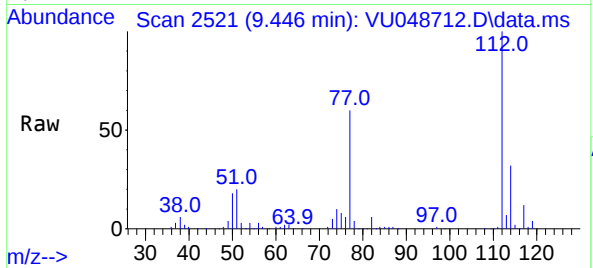
Ion	Ratio	Lower	Upper
164	100		
166	126.5	105.0	157.4
129	96.2	76.5	114.7
131	96.5	73.8	110.6





#65
Chlorobenzene
Concen: 19.429 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

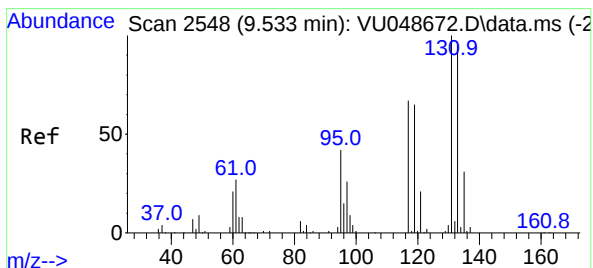
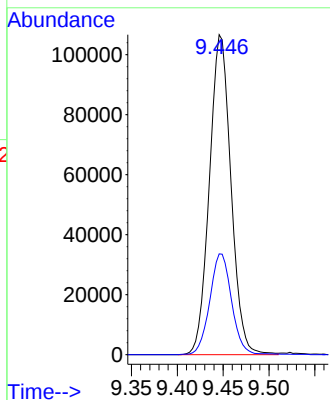
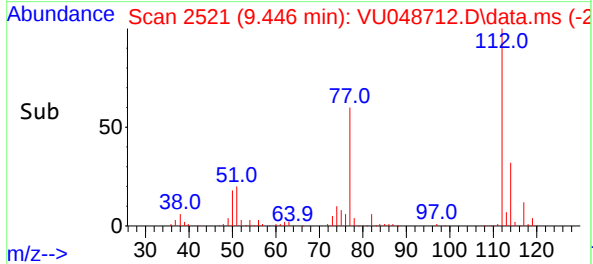
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



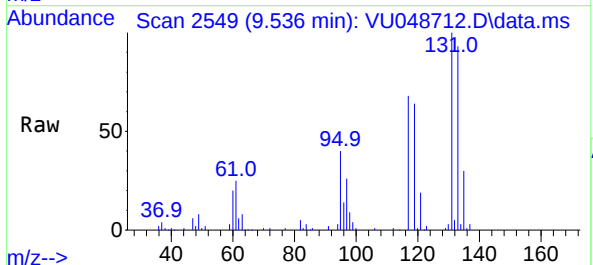
Tgt Ion:112 Resp: 17454
Ion Ratio Lower Upper
112 100
114 31.5 26.3 39.5

Manual Integrations
APPROVED

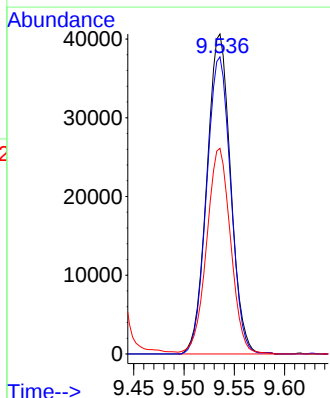
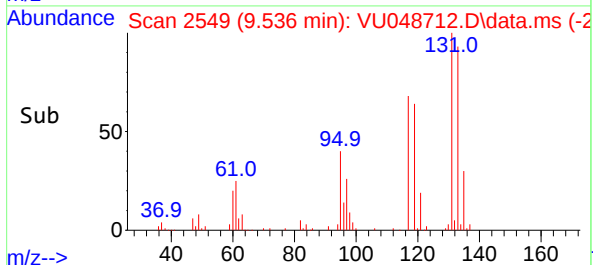
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

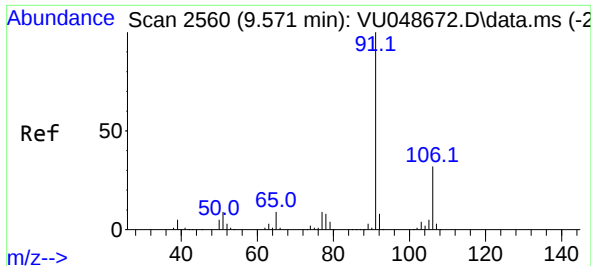


#66
1,1,1,2-Tetrachloroethane
Concen: 19.650 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



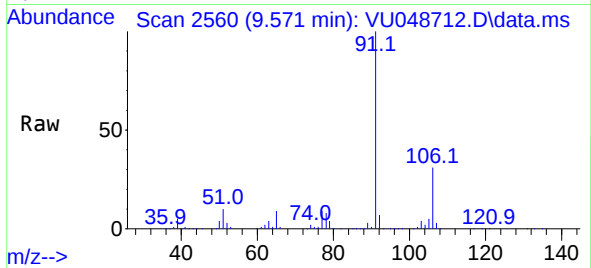
Tgt Ion:131 Resp: 67008
Ion Ratio Lower Upper
131 100
133 93.6 48.5 145.5
119 64.7 32.7 98.1





#67
Ethyl Benzene
Concen: 20.203 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

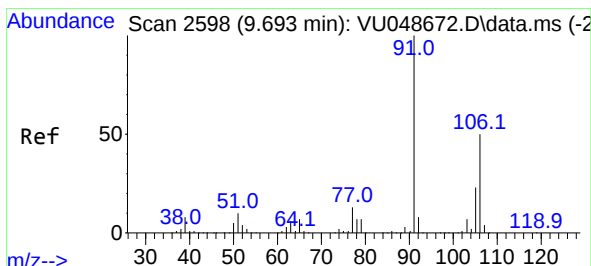
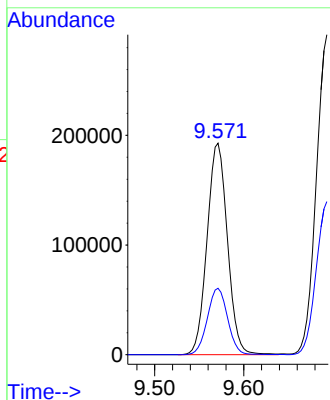
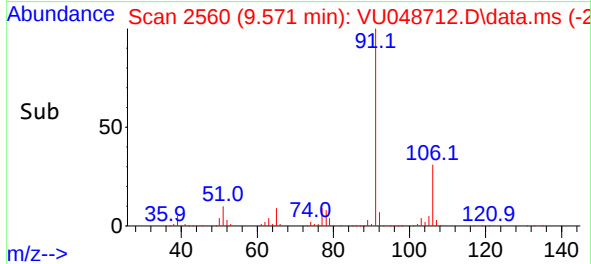
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



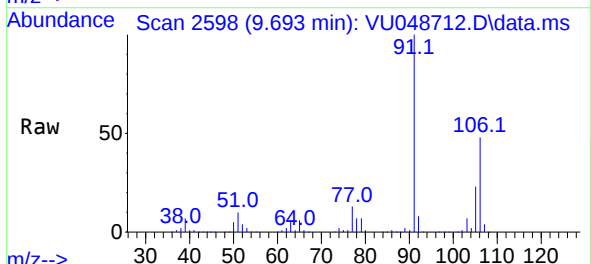
Tgt Ion: 91 Resp: 306110
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2

Manual Integrations
APPROVED

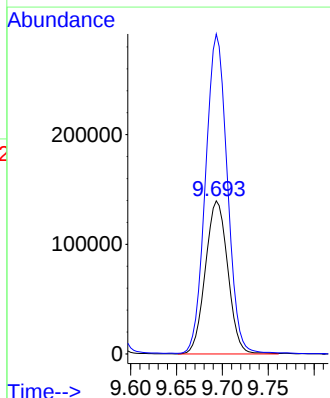
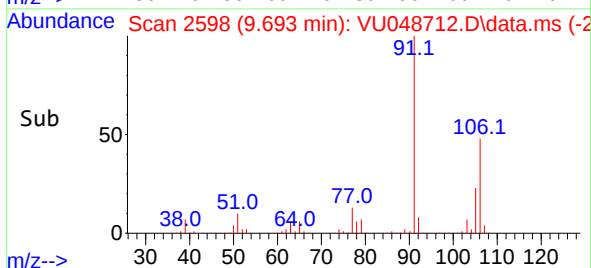
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

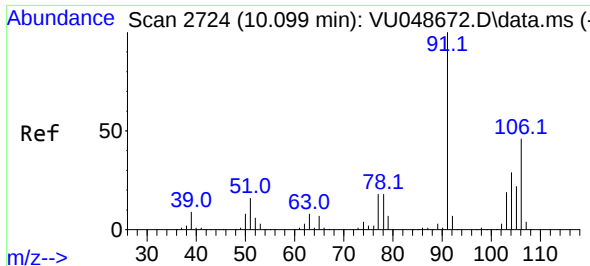


#68
m/p-Xylenes
Concen: 40.032 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



Tgt Ion:106 Resp: 237234
Ion Ratio Lower Upper
106 100
91 204.3 162.4 243.6





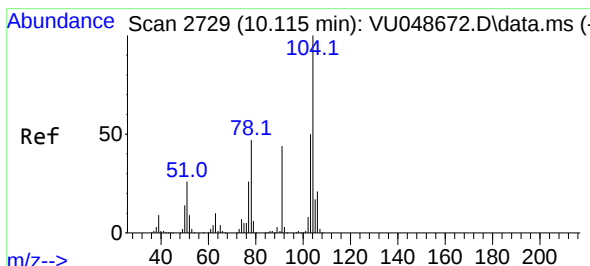
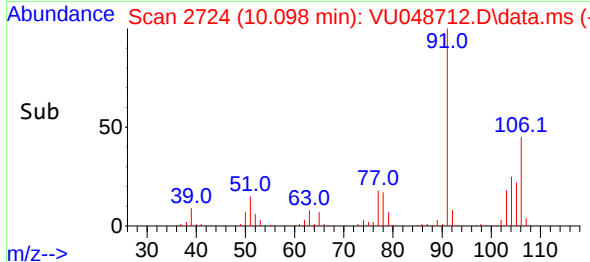
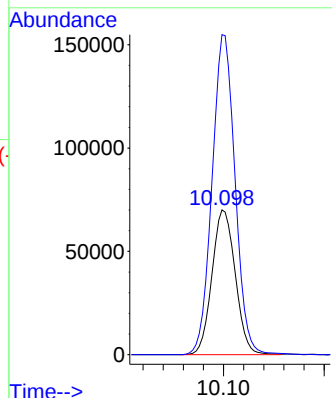
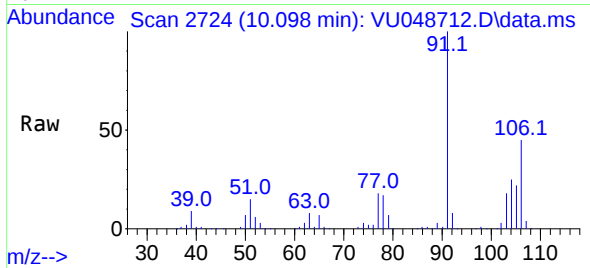
#69
o-Xylene
Concen: 19.357 ug/l
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion:106 Resp: 11270
Ion Ratio Lower Upper
106 100
91 218.8 107.7 323.3

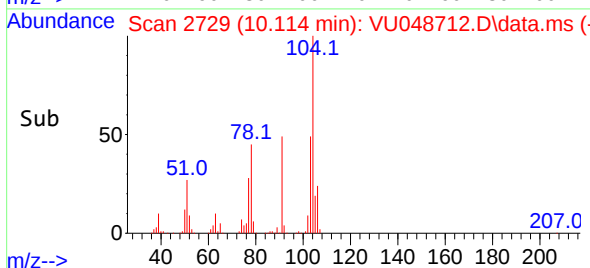
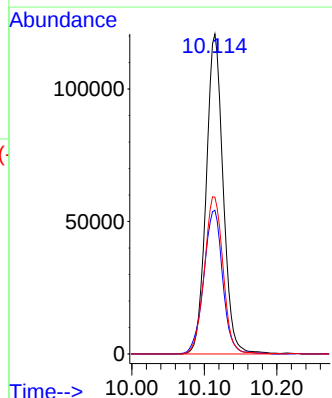
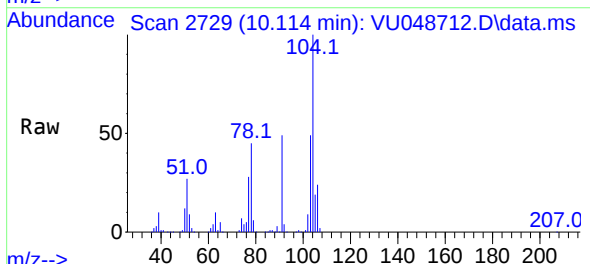
Manual Integrations
APPROVED

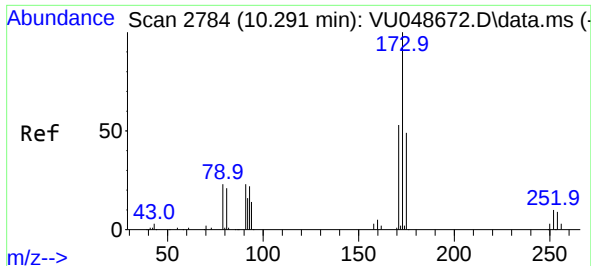
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#70
Styrene
Concen: 20.541 ug/l
RT: 10.114 min Scan# 2729
Delta R.T. -0.001 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

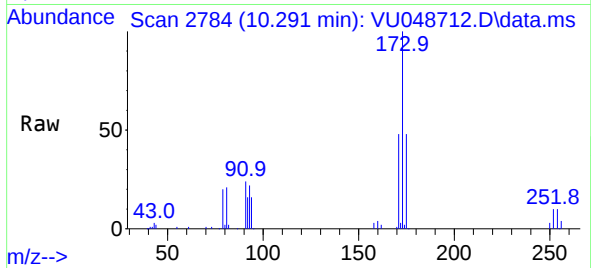
Tgt Ion:104 Resp: 196707
Ion Ratio Lower Upper
104 100
78 50.2 41.2 61.8
103 54.3 43.4 65.2





#71
Bromoform
Concen: 19.055 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

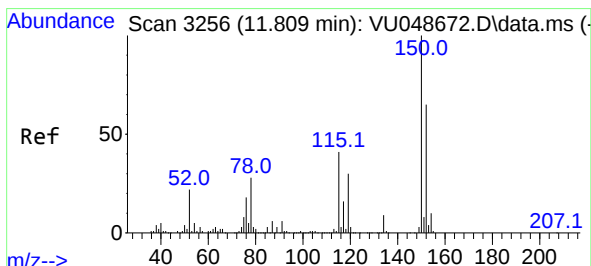
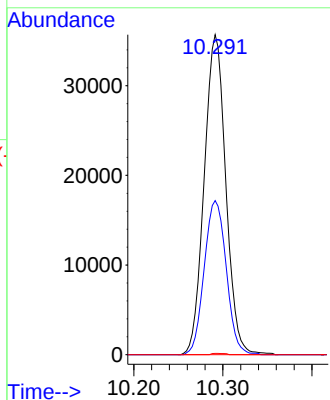
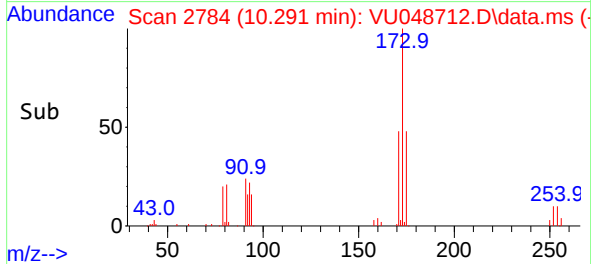
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



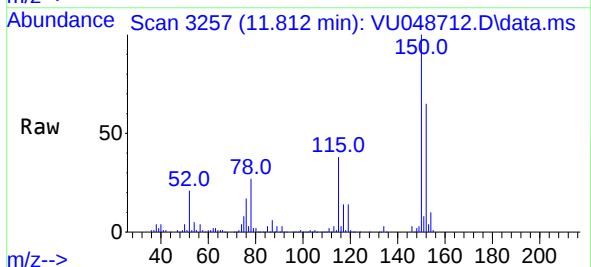
Tgt Ion:173 Resp: 60079
Ion Ratio Lower Upper
173 100
175 49.1 24.5 73.5
254 0.2 0.0 0.0

Manual Integrations
APPROVED

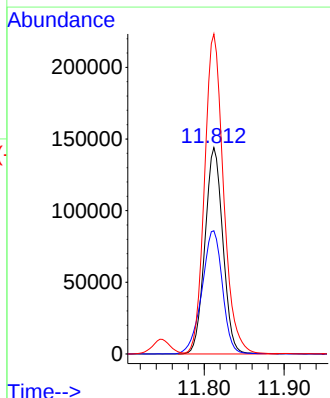
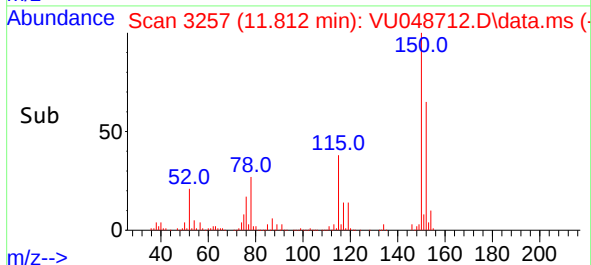
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

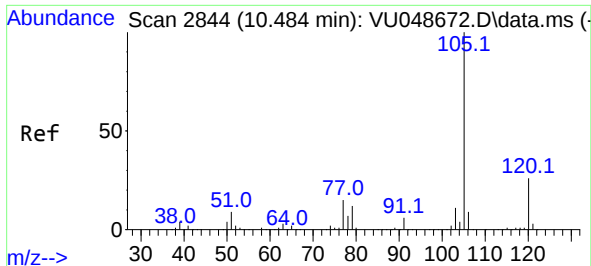


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



Tgt Ion:152 Resp: 224978
Ion Ratio Lower Upper
152 100
115 67.8 41.8 125.4
150 163.3 0.0 341.0





#73
Isopropylbenzene
Concen: 20.873 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

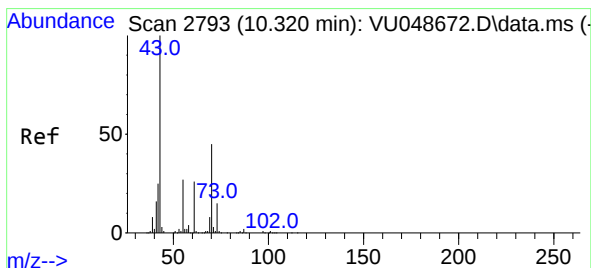
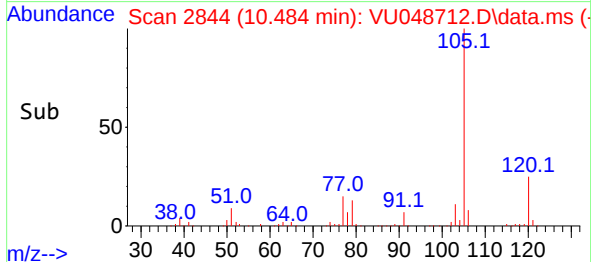
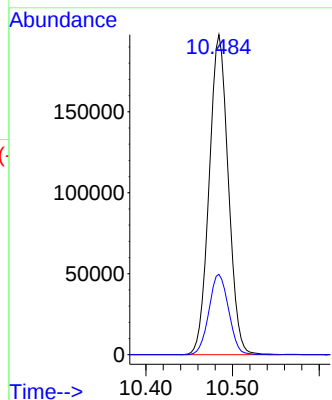
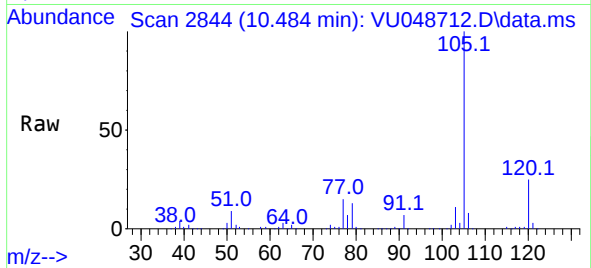
VU0527WBSD02

Tgt Ion:105 Resp: 303169
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

Manual Integrations

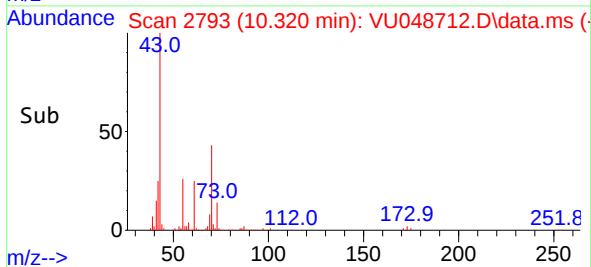
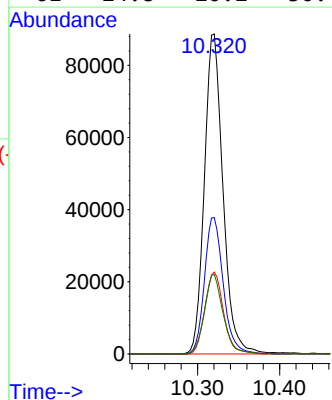
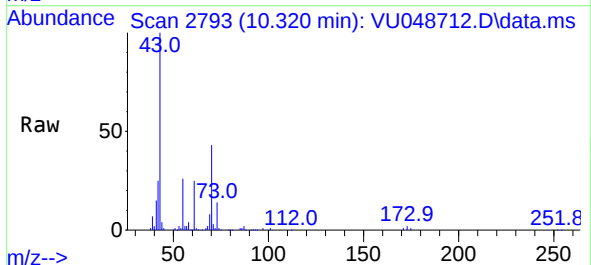
APPROVED

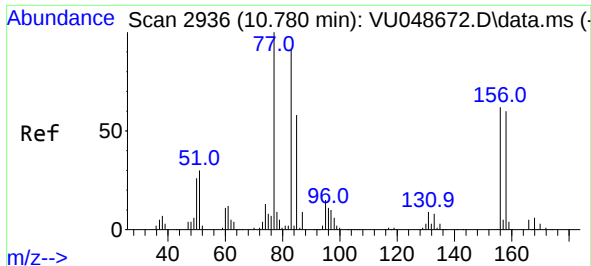
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#74
N-ethyl acetate
Concen: 20.537 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

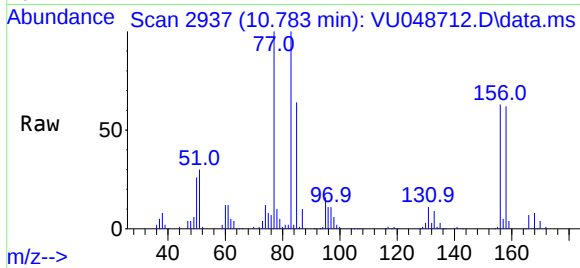
Tgt Ion: 43 Resp: 139773
Ion Ratio Lower Upper
43 100
70 43.0 35.8 53.6
55 25.9 21.1 31.7
61 24.8 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.558 ug/l
RT: 10.783 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

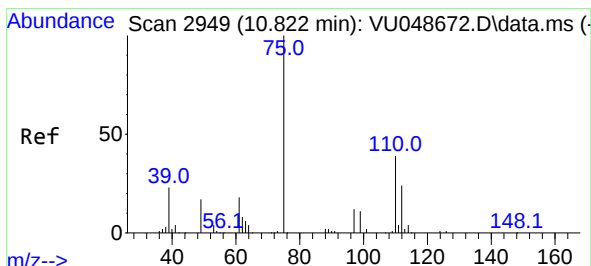
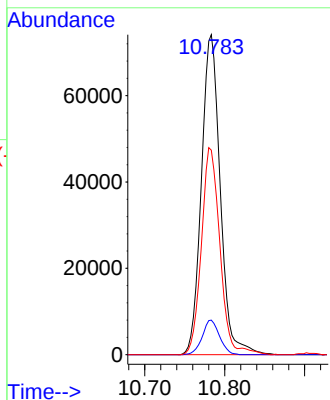
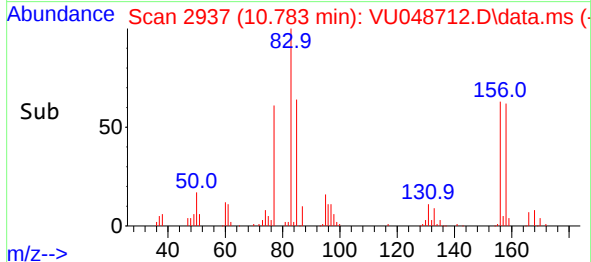
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 83 Resp: 121850
Ion Ratio Lower Upper
83 100
131 9.9 5.2 15.6
85 63.6 32.5 97.4

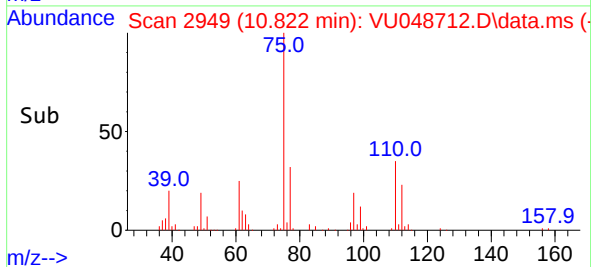
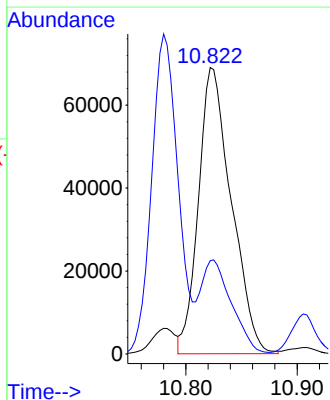
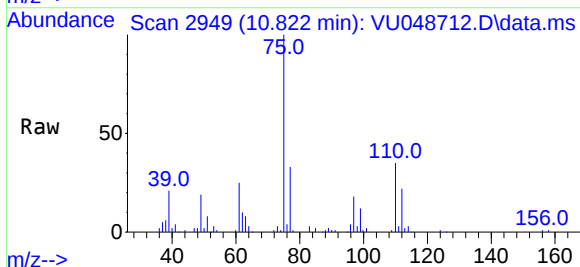
Manual Integrations
APPROVED

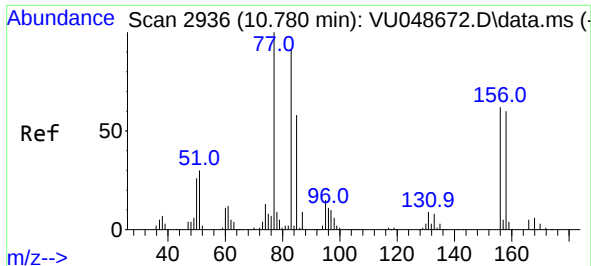
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#76
1,2,3-Trichloropropane
Concen: 19.541 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 75 Resp: 141747
Ion Ratio Lower Upper
75 100
77 30.0 14.8 44.3





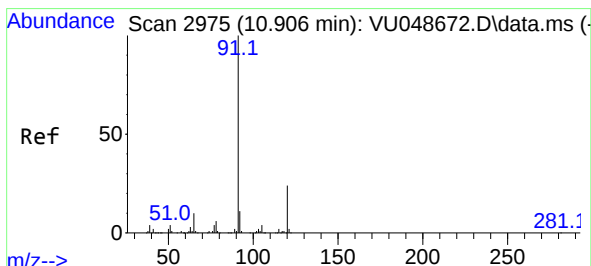
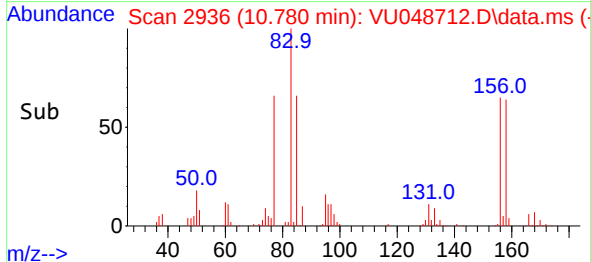
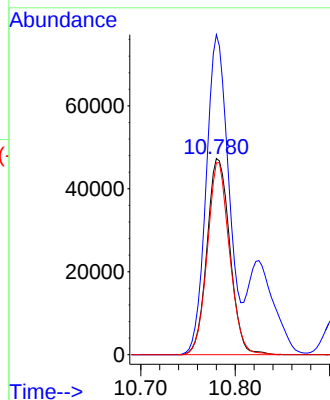
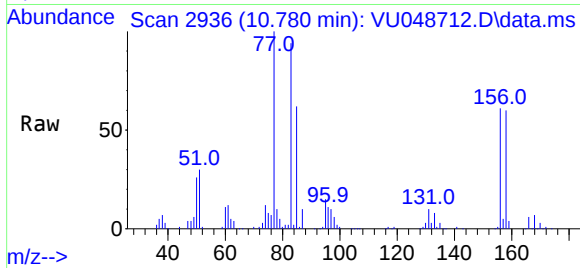
#77
Bromobenzene
Concen: 20.376 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion:156 Resp: 7948
Ion Ratio Lower Upper
156 100
77 159.1 81.1 243.3
158 95.1 48.8 146.4

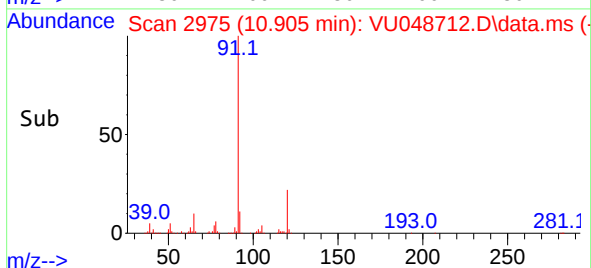
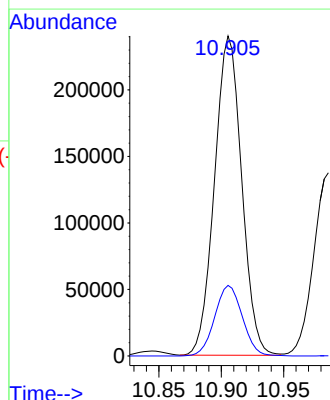
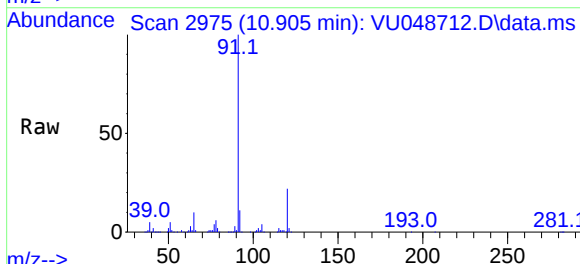
Manual Integrations
APPROVED

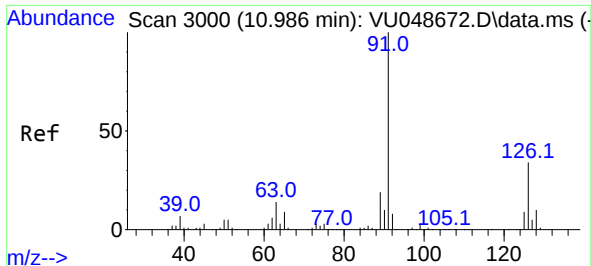
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#78
n-propylbenzene
Concen: 21.034 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion: 91 Resp: 364036
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7





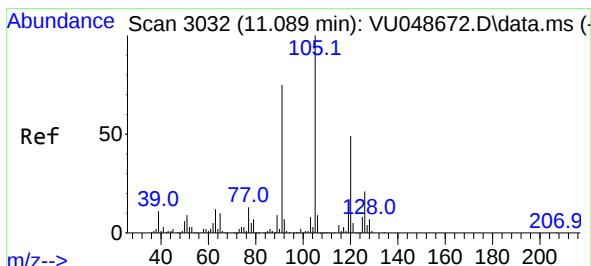
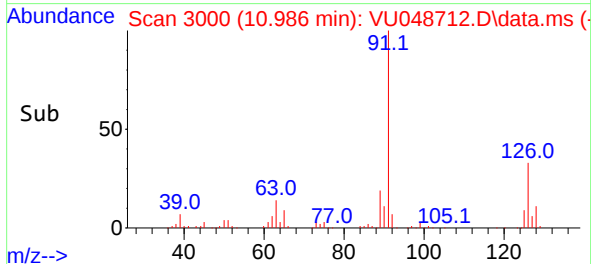
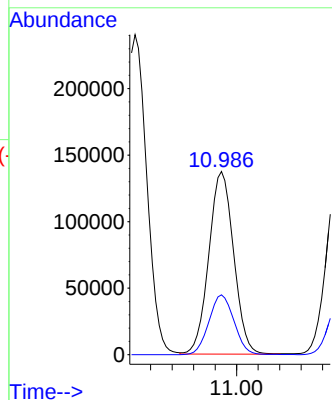
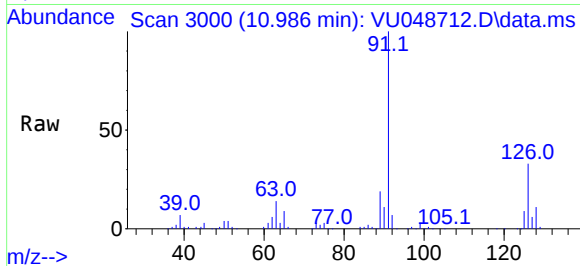
#79
2-Chlorotoluene
Concen: 20.448 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion: 91 Resp: 220074
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0

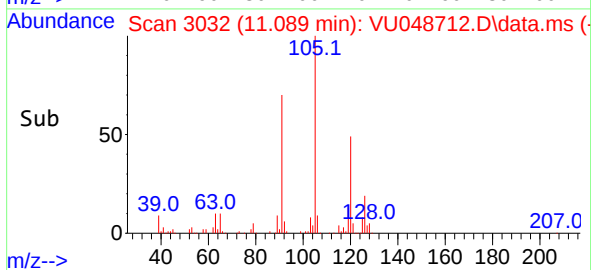
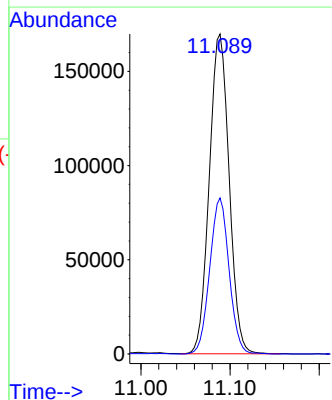
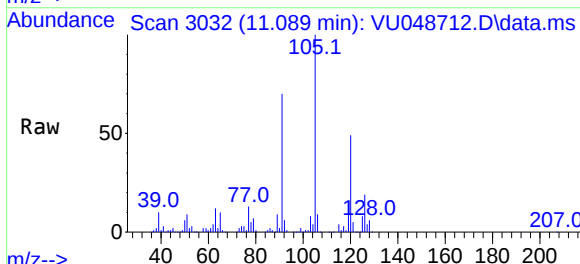
Manual Integrations
APPROVED

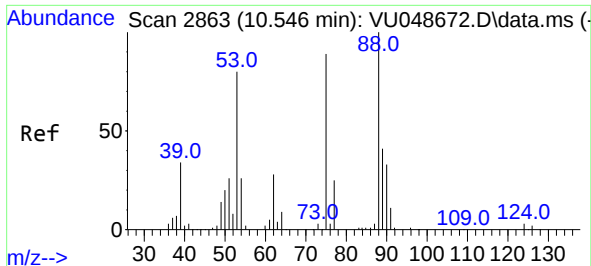
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.763 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

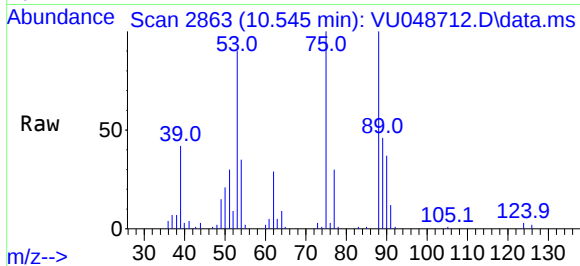
Tgt Ion:105 Resp: 262251
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.105 ug/l
RT: 10.545 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

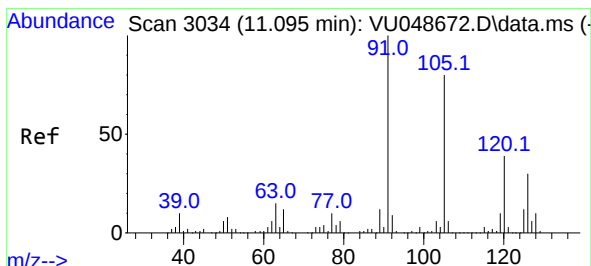
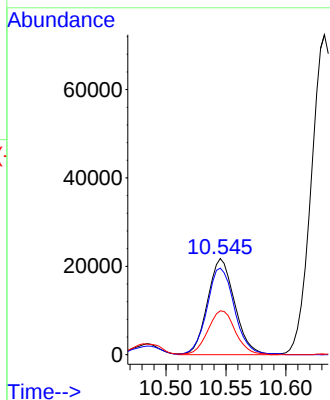
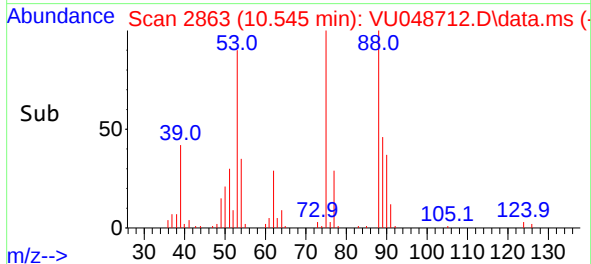
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



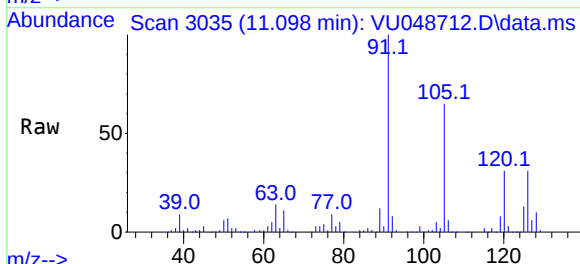
Tgt Ion: 75 Resp: 34172
Ion Ratio Lower Upper
75 100
53 91.4 72.5 108.7
89 46.3 37.0 55.4

Manual Integrations
APPROVED

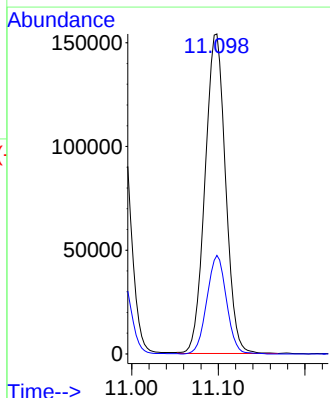
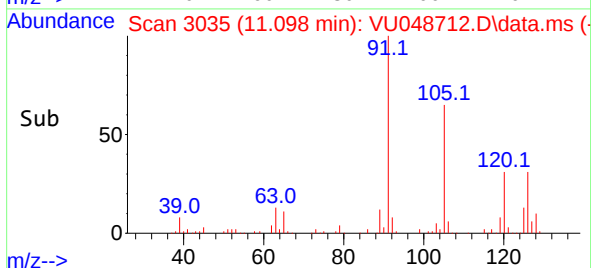
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

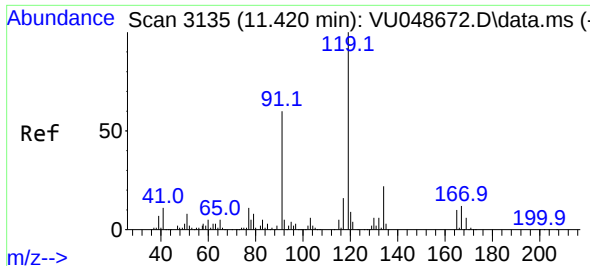


#82
4-Chlorotoluene
Concen: 20.373 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



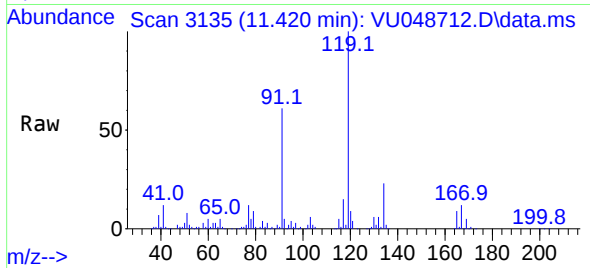
Tgt Ion: 91 Resp: 252992
Ion Ratio Lower Upper
91 100
126 29.5 14.4 43.2





#83
tert-Butylbenzene
Concen: 20.912 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

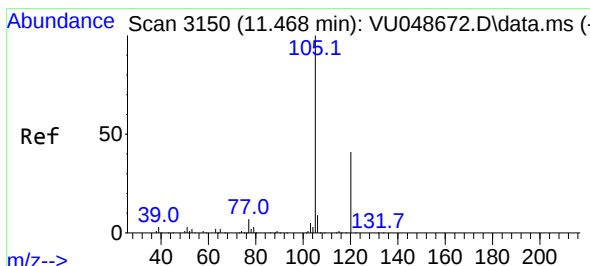
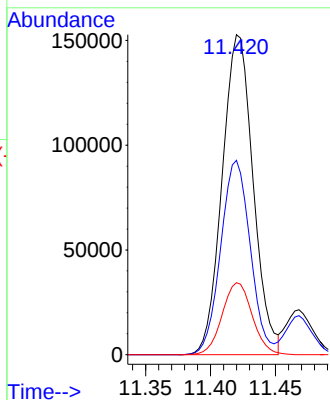
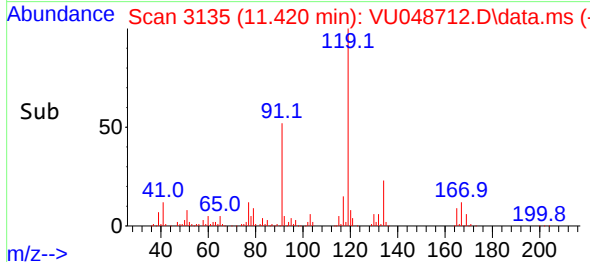
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



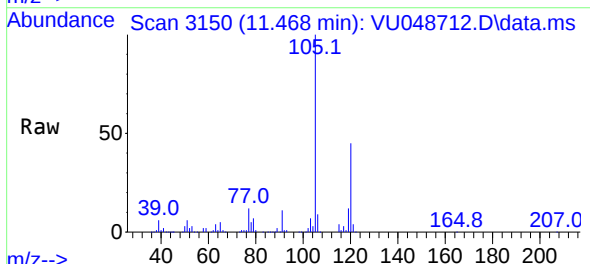
Tgt Ion:119 Resp: 253504
Ion Ratio Lower Upper
119 100
91 58.0 28.7 86.1
134 21.9 10.8 32.4

Manual Integrations
APPROVED

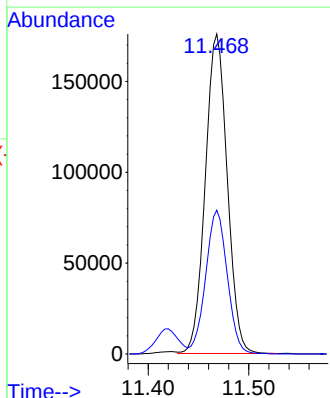
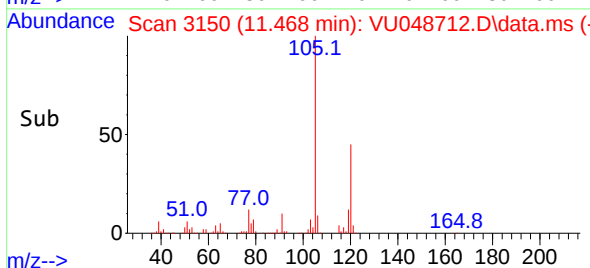
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

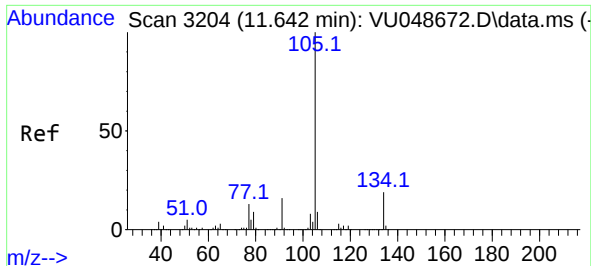


#84
1,2,4-Trimethylbenzene
Concen: 20.313 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



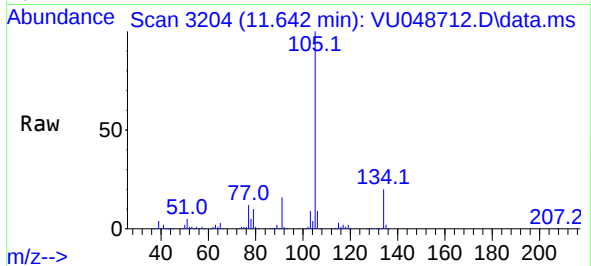
Tgt Ion:105 Resp: 266694
Ion Ratio Lower Upper
105 100
120 44.3 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 21.073 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17

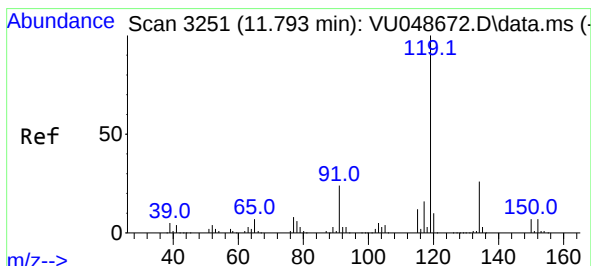
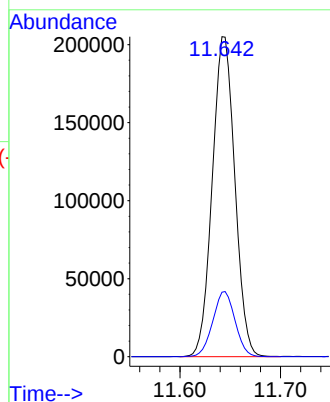
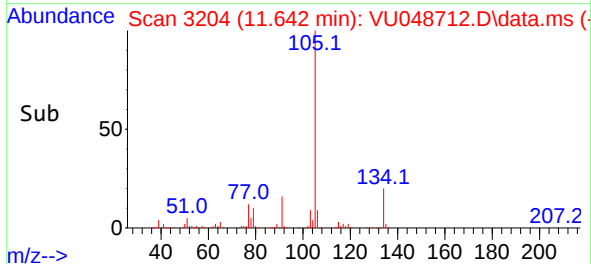
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBSD02



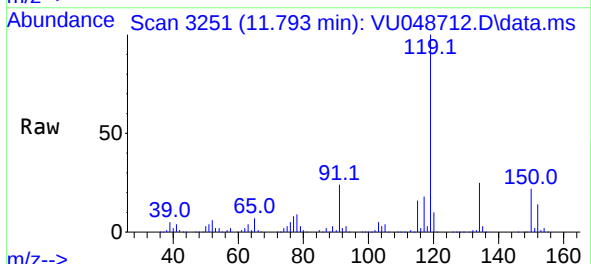
Tgt Ion:105 Resp: 319589
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.6 28.6

Manual Integrations
 APPROVED

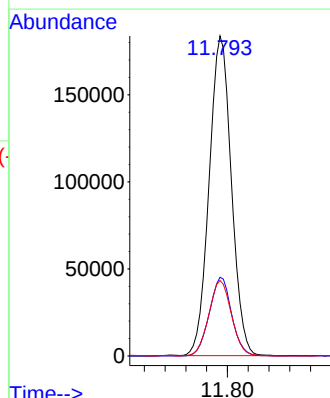
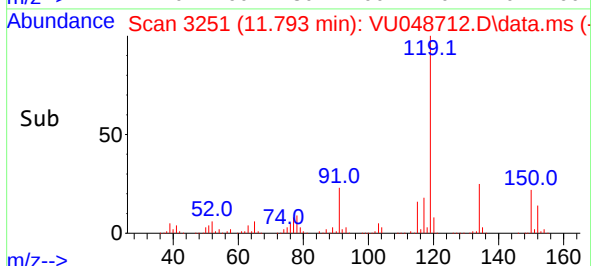
Reviewed By :John Carlone 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022

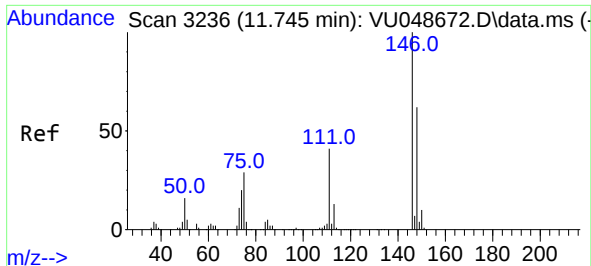


#86
 p-Isopropyltoluene
 Concen: 20.902 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU048712.D
 Acq: 27 May 2022 23:17



Tgt Ion:119 Resp: 272224
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.8 38.4
 91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.394 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048712.D

Acq: 27 May 2022 23:17

Instrument :

MSVOA_U

ClientSampleId :

VU0527WBSD02

Tgt Ion:146 Resp: 148319

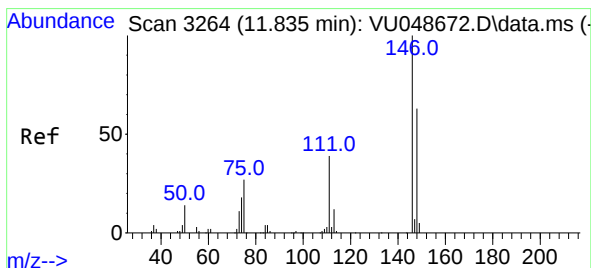
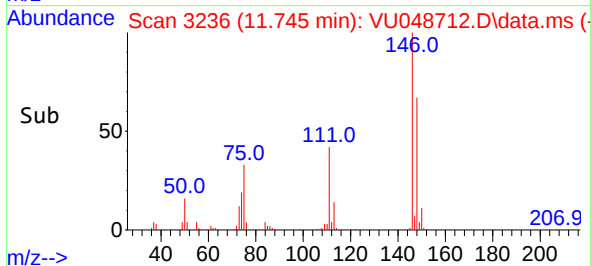
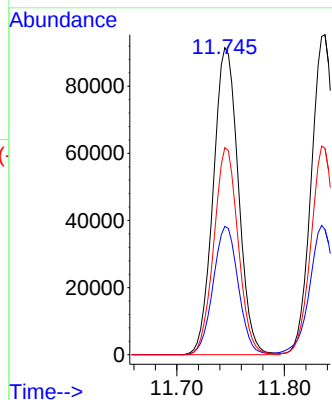
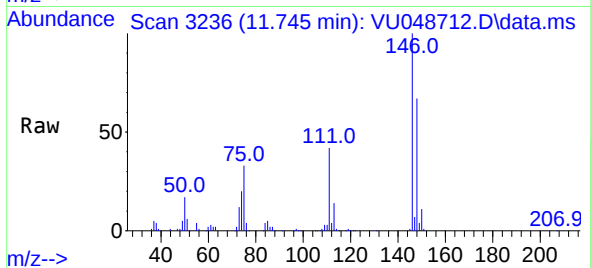
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.9
148	65.3	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#88

1,4-Dichlorobenzene

Concen: 19.140 ug/l

RT: 11.838 min Scan# 3265

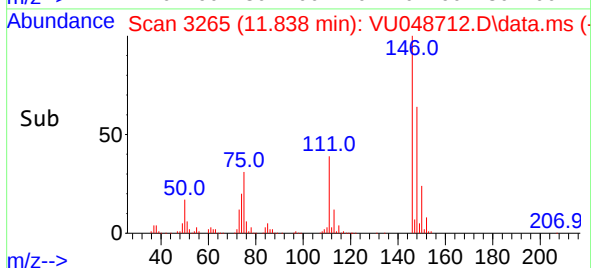
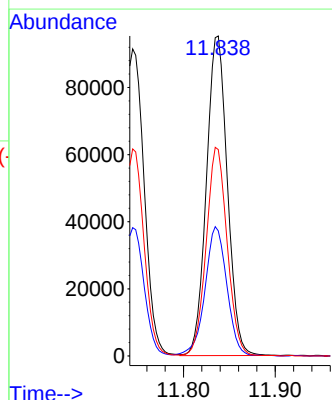
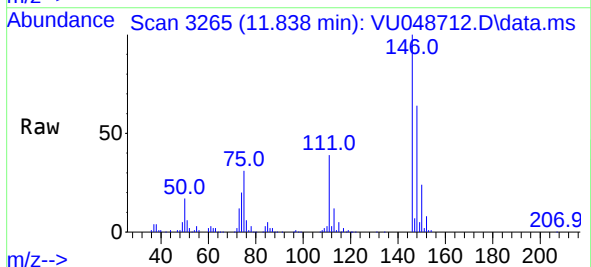
Delta R.T. 0.003 min

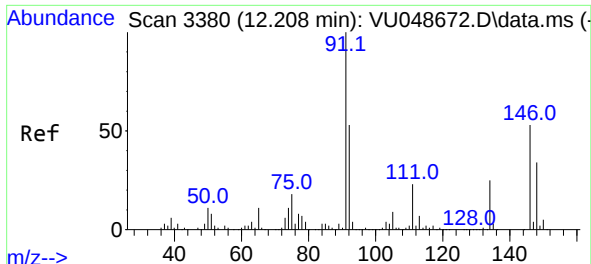
Lab File: VU048712.D

Acq: 27 May 2022 23:17

Tgt Ion:146 Resp: 151230

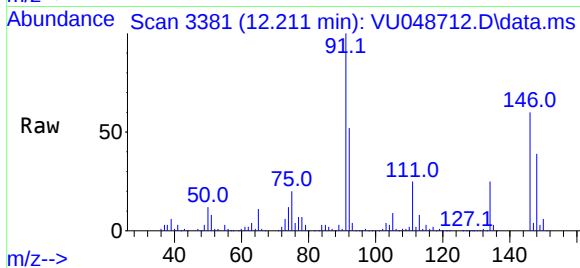
Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.2	60.6
148	65.6	32.4	97.0





#89
n-Butylbenzene
Concen: 19.612 ug/l
RT: 12.211 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

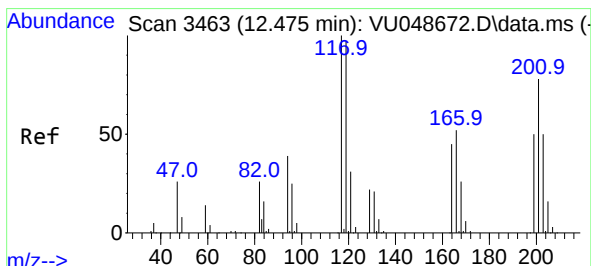
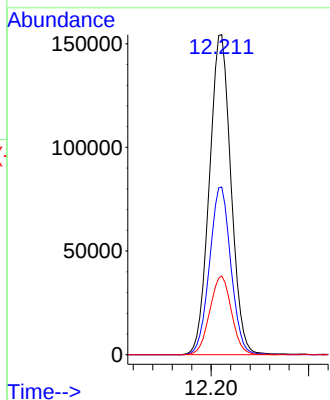
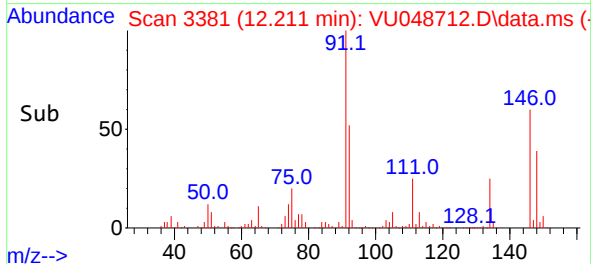
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



Tgt Ion: 91 Resp: 237564
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 24.6 12.5 37.5

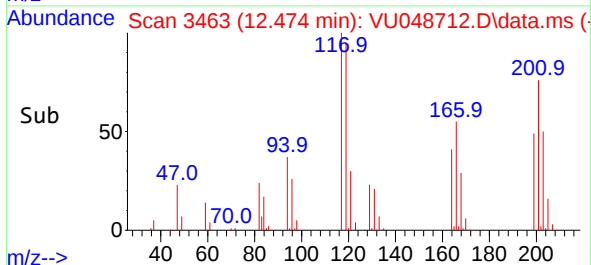
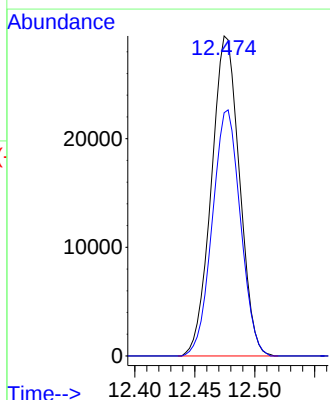
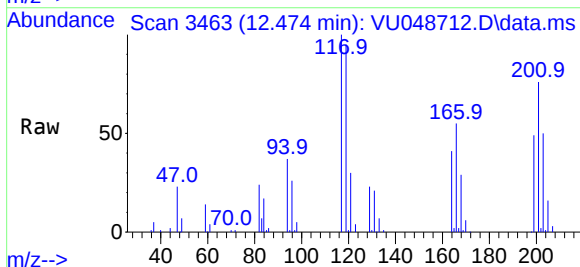
Manual Integrations
APPROVED

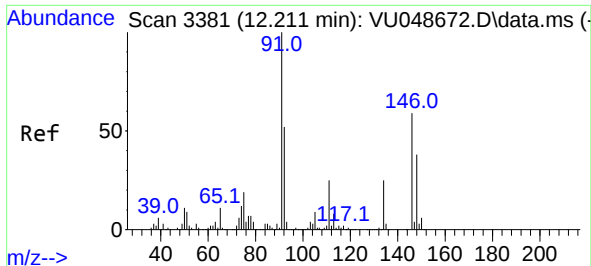
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#90
Hexachloroethane
Concen: 18.050 ug/l
RT: 12.474 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Tgt Ion:117 Resp: 47977
Ion Ratio Lower Upper
117 100
201 77.0 39.6 119.0





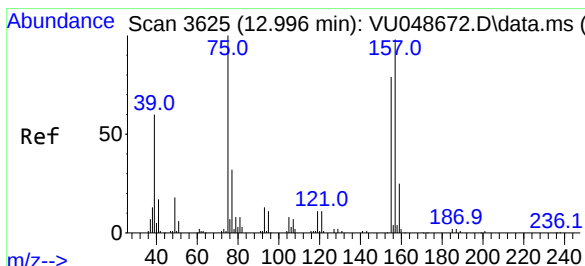
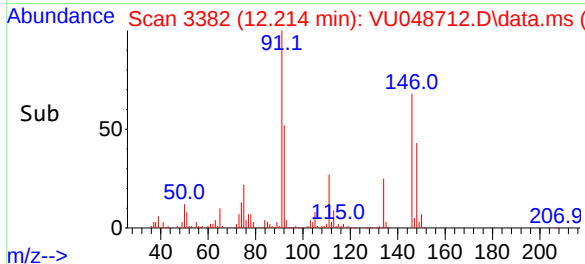
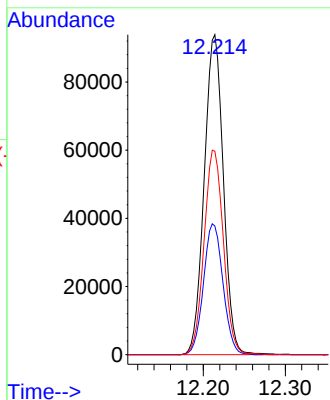
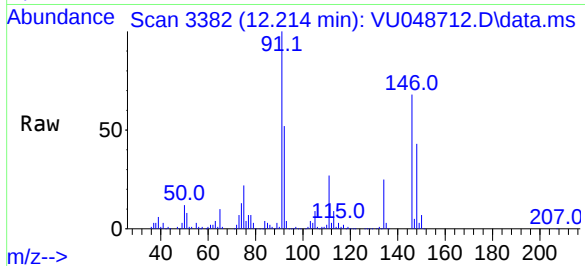
#91
1,2-Dichlorobenzene
Concen: 19.728 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02

Tgt Ion:146 Resp: 152419
Ion Ratio Lower Upper
146 100
111 41.6 21.4 64.3
148 64.7 32.0 96.2

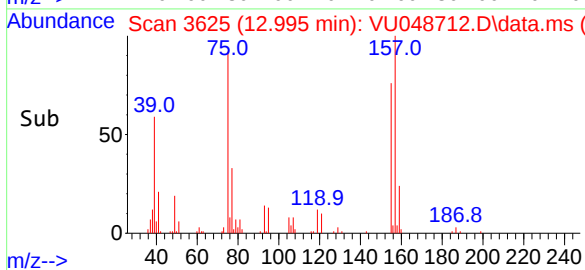
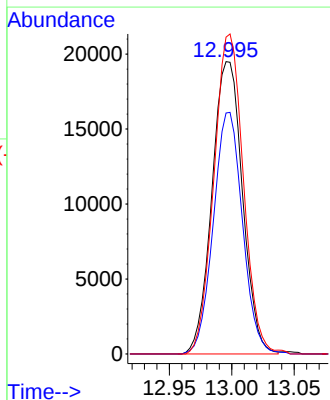
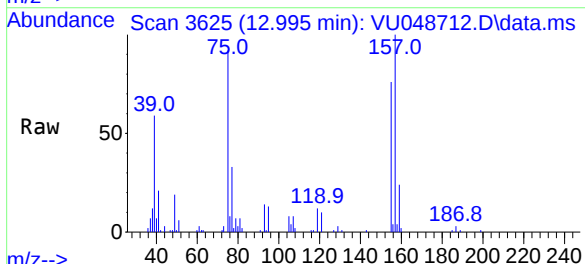
Manual Integrations
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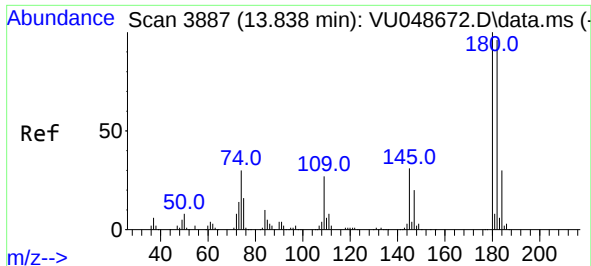
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.478 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

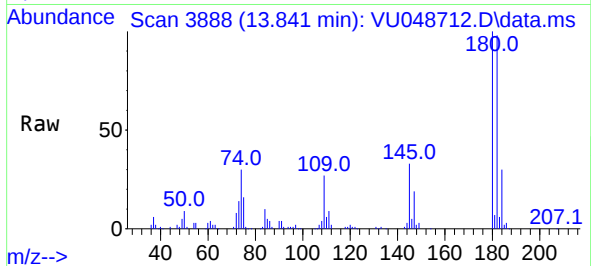
Tgt Ion: 75 Resp: 33241
Ion Ratio Lower Upper
75 100
155 79.0 40.3 120.8
157 105.8 50.0 150.0





#93
1,2,4-Trichlorobenzene
Concen: 19.041 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

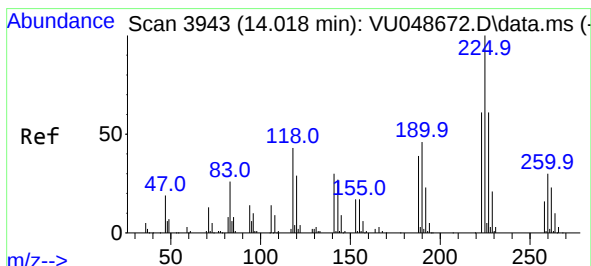
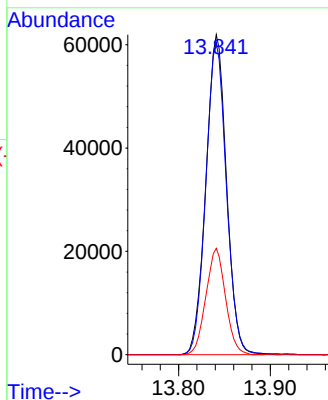
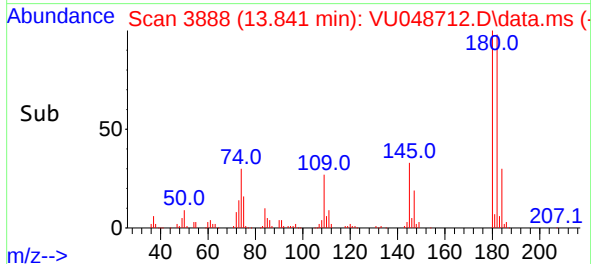
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



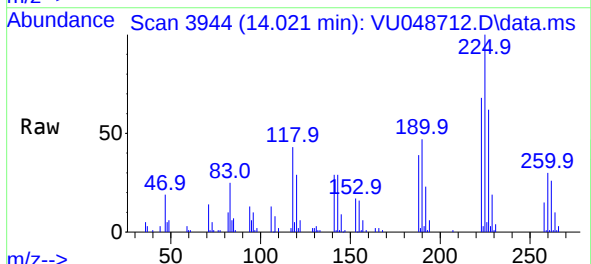
Tgt Ion:180 Resp: 9653
Ion Ratio Lower Upper
180 100
182 97.3 48.3 144.9
145 31.7 15.6 46.7

Manual Integrations
APPROVED

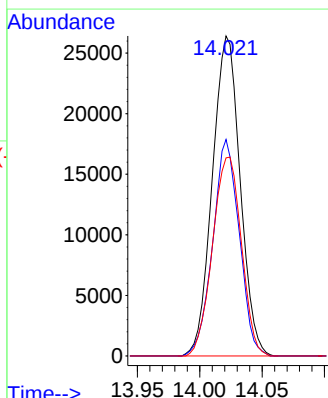
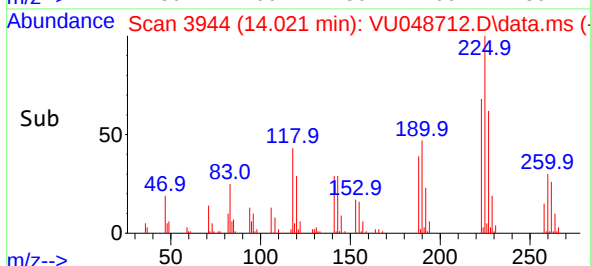
Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

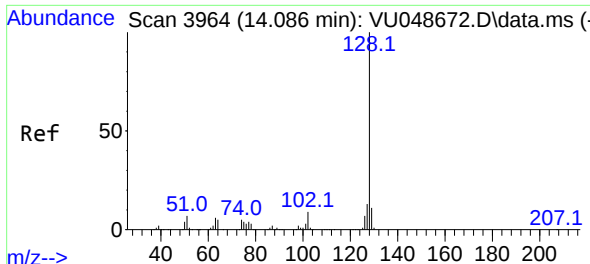


#94
Hexachlorobutadiene
Concen: 16.867 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



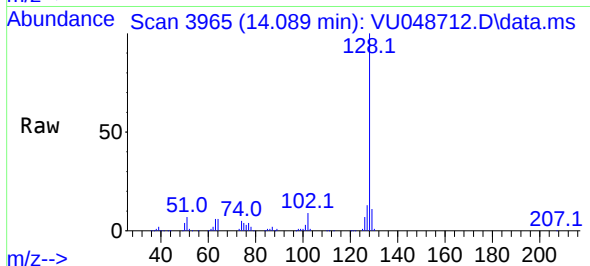
Tgt Ion:225 Resp: 40988
Ion Ratio Lower Upper
225 100
223 64.4 30.9 92.8
227 64.5 31.1 93.5





#95
Naphthalene
Concen: 20.999 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17

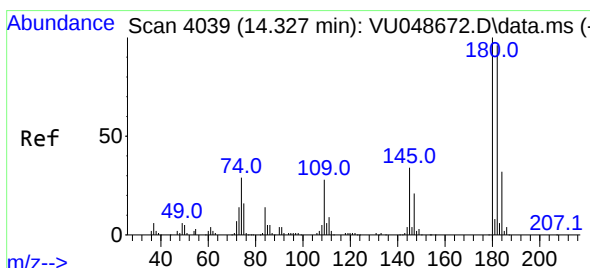
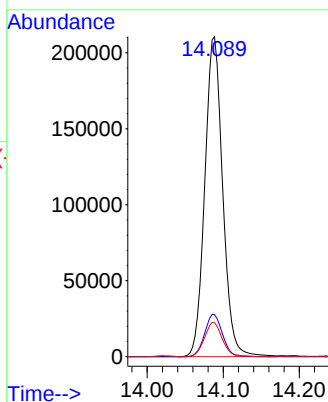
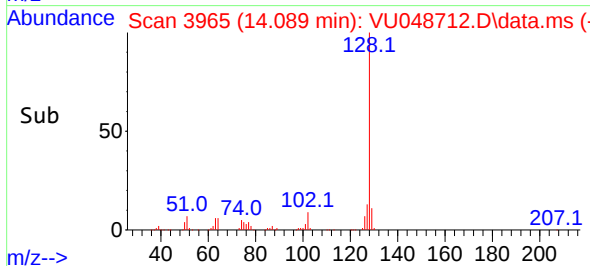
Instrument :
MSVOA_U
ClientSampleId :
VU0527WBSD02



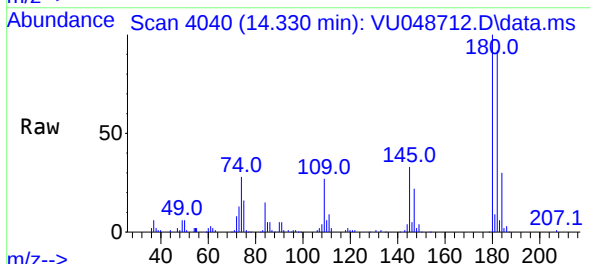
Tgt Ion:128 Resp: 344460
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.621 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048712.D
Acq: 27 May 2022 23:17



Tgt Ion:180 Resp: 98529
Ion Ratio Lower Upper
180 100
182 93.5 47.4 142.2
145 33.0 16.6 49.8

