

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045651.D
 Acq On : 09 Nov 2021 12:22
 Operator : SY/MD
 Sample : VU1109WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 01:58:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.376	168	137022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	241354	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	230118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	114868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	109295	53.261	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.520%			
35) Dibromofluoromethane	5.292	113	85307	52.940	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.880%			
50) Toluene-d8	7.900	98	318260	53.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.220%			
62) 4-Bromofluorobenzene	10.636	95	120168	50.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35507	19.986	ug/l	99
3) Chloromethane	1.520	50	39879	19.619	ug/l	99
4) Vinyl Chloride	1.604	62	41534	20.976	ug/l	100
5) Bromomethane	1.852	94	24997	22.633	ug/l	99
6) Chloroethane	1.932	64	25320	19.594	ug/l	99
7) Trichlorofluoromethane	2.138	101	54644	20.869	ug/l	98
8) Diethyl Ether	2.376	74	21810	21.042	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	32694	21.383	ug/l	98
10) Methyl Iodide	2.723	142	34314	17.150	ug/l	92
11) Tert butyl alcohol	3.173	59	45127	111.104	ug/l	98
12) 1,1-Dichloroethene	2.581	96	30231	20.054	ug/l	97
13) Acrolein	2.485	56	6082	103.331	ug/l	98
14) Allyl chloride	2.926	41	54602	20.285	ug/l	99
15) Acrylonitrile	3.315	53	114068	105.187	ug/l	98
16) Acetone	2.623	43	106020	101.493	ug/l	98
17) Carbon Disulfide	2.794	76	79116	18.737	ug/l	100
18) Methyl Acetate	2.948	43	73089	20.543	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	115038	21.200	ug/l	98
20) Methylene Chloride	3.048	84	36868	20.312	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	33206	21.173	ug/l	96
22) Diisopropyl ether	3.996	45	114464	21.657	ug/l	93
23) Vinyl Acetate	3.958	43	435120	107.042	ug/l	99
24) 1,1-Dichloroethane	3.874	63	65609	20.832	ug/l	99
25) 2-Butanone	4.700	43	153106	105.676	ug/l	98
26) 2,2-Dichloropropane	4.668	77	54343	20.822	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	38807	21.068	ug/l	100
28) Bromochloromethane	4.977	49	27646	18.412	ug/l	98
29) Tetrahydrofuran	5.051	42	93591	105.607	ug/l	99
30) Chloroform	5.089	83	66595	21.380	ug/l	99
31) Cyclohexane	5.392	56	60589	20.236	ug/l	94
32) 1,1,1-Trichloroethane	5.321	97	56791	21.380	ug/l	97
36) 1,1-Dichloropropene	5.530	75	48257	20.505	ug/l	99
37) Ethyl Acetate	4.803	43	56393	20.860	ug/l	99
38) Carbon Tetrachloride	5.527	117	48317	20.365	ug/l	96
39) Methylcyclohexane	6.768	83	57162	19.799	ug/l	95
40) Benzene	5.777	78	141549	20.316	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045651.D
 Acq On : 09 Nov 2021 12:22
 Operator : SY/MD
 Sample : VU1109WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 01:58:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	30528	21.369	ug/l	99
42) 1,2-Dichloroethane	5.797	62	53660	21.321	ug/l	99
43) Isopropyl Acetate	5.913	43	85638	20.711	ug/l	100
44) Trichloroethene	6.546	130	34655	20.779	ug/l	95
45) 1,2-Dichloropropane	6.797	63	38987	21.147	ug/l	97
46) Dibromomethane	6.922	93	26383	20.653	ug/l	99
47) Bromodichloromethane	7.109	83	50927	21.011	ug/l	98
48) Methyl methacrylate	6.961	41	39997	21.016	ug/l	98
49) 1,4-Dioxane	6.964	88	22081	451.157	ug/l #	93
51) 4-Methyl-2-Pentanone	7.793	43	284673	104.367	ug/l	99
52) Toluene	7.974	92	89821	21.057	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	55708	19.998	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	61277	20.711	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	37440	21.177	ug/l	98
56) Ethyl methacrylate	8.337	69	57543	19.691	ug/l	99
57) 1,3-Dichloropropane	8.578	76	66218	20.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.466	63	127376	78.260	ug/l	99
59) 2-Hexanone	8.684	43	221374	97.997	ug/l	98
60) Dibromochloromethane	8.813	129	38405	20.862	ug/l	99
61) 1,2-Dibromoethane	8.925	107	39490	20.827	ug/l	98
64) Tetrachloroethene	8.556	164	29548	22.372	ug/l	98
65) Chlorobenzene	9.449	112	93205	20.620	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	33329	20.674	ug/l	99
67) Ethyl Benzene	9.572	91	169976	20.998	ug/l	100
68) m/p-Xylenes	9.697	106	129875	42.543	ug/l	100
69) o-Xylene	10.102	106	65207	21.970	ug/l	97
70) Styrene	10.115	104	105962	21.104	ug/l	99
71) Bromoform	10.292	173	27153	19.784	ug/l #	100
73) Isopropylbenzene	10.488	105	168097	22.397	ug/l	100
74) N-amyl acetate	10.321	43	71037	20.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	63166	21.242	ug/l	99
76) 1,2,3-Trichloropropane	10.826	75	56966m	16.353	ug/l	
77) Bromobenzene	10.784	156	39411	21.628	ug/l	97
78) n-propylbenzene	10.909	91	202540	21.682	ug/l	99
79) 2-Chlorotoluene	10.990	91	121484	22.013	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	144819	22.084	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	19081	19.863	ug/l	100
82) 4-Chlorotoluene	11.099	91	139723	21.588	ug/l	98
83) tert-Butylbenzene	11.424	119	138288	22.123	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	142964	21.936	ug/l	99
85) sec-Butylbenzene	11.645	105	181713	21.919	ug/l	100
86) p-Isopropyltoluene	11.797	119	149491	21.579	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	75520	20.540	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	75116	20.200	ug/l	97
89) n-Butylbenzene	12.211	91	134680	20.182	ug/l	98
90) Hexachloroethane	12.478	117	25583	20.471	ug/l	99
91) 1,2-Dichlorobenzene	12.215	146	75600	21.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	14035	20.003	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	47749	19.306	ug/l	98
94) Hexachlorobutadiene	14.025	225	20474	19.177	ug/l	99
95) Naphthalene	14.089	128	175833	19.550	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	49031	19.958	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
Data File : VU045651.D
Acq On : 09 Nov 2021 12:22
Operator : SY/MD
Sample : VU1109WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 01:58:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

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

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

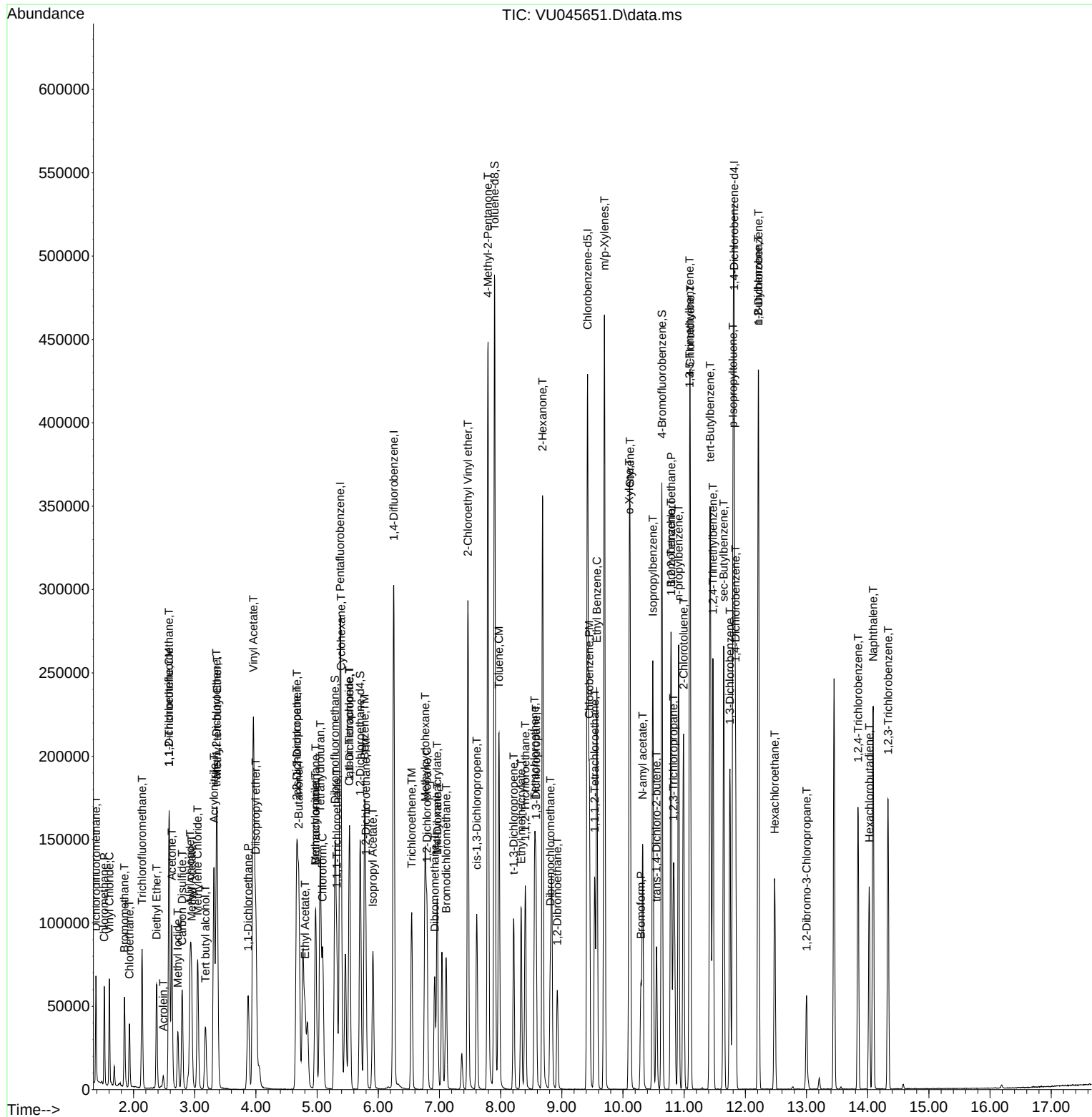
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
Data File : VU045651.D
Acq On : 09 Nov 2021 12:22
Operator : SY/MD
Sample : VU1109WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

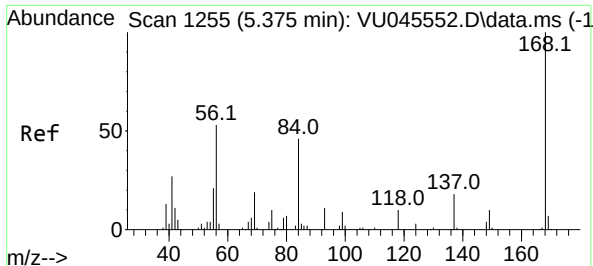
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/10/2021
Supervised By : Mahesh Dadoda 11/16/2021

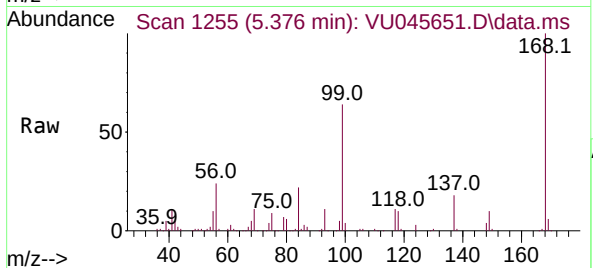
Quant Time: Nov 10 01:58:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

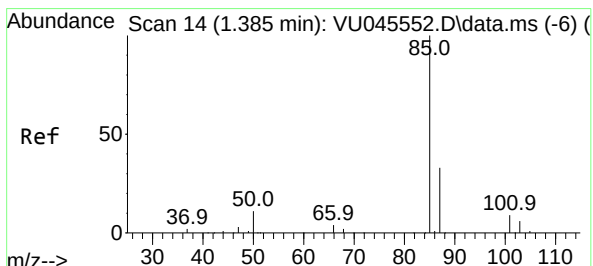
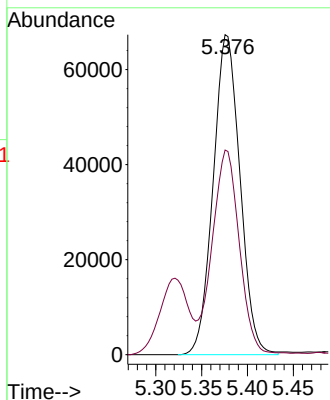
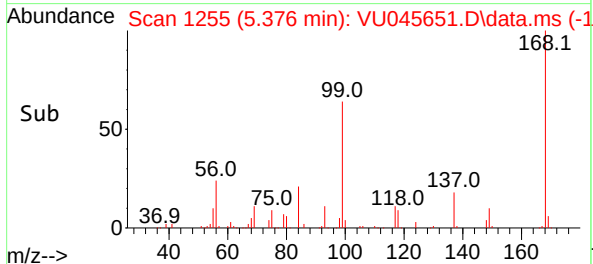
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion:168 Resp: 13702
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6

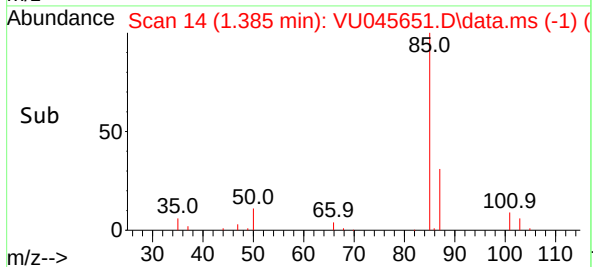
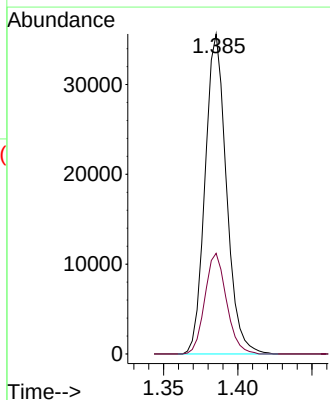
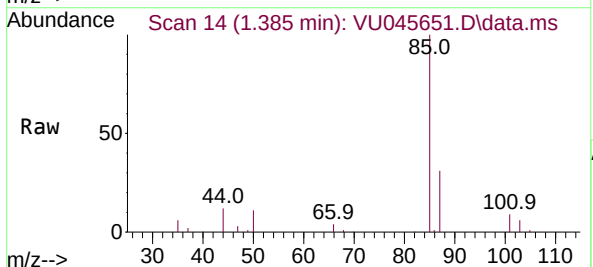
Manual Integrations
APPROVED

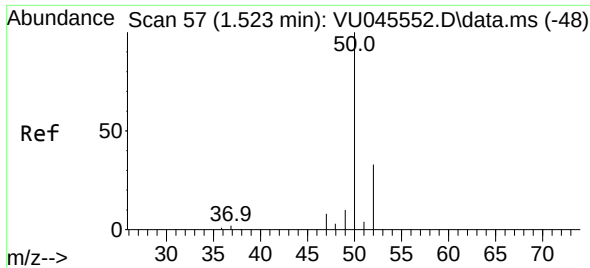
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 19.986 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

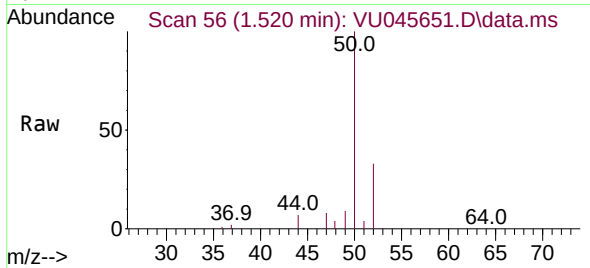
Tgt Ion: 85 Resp: 35507
Ion Ratio Lower Upper
85 100
87 31.4 15.9 47.7





#3
Chloromethane
Concen: 19.619 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

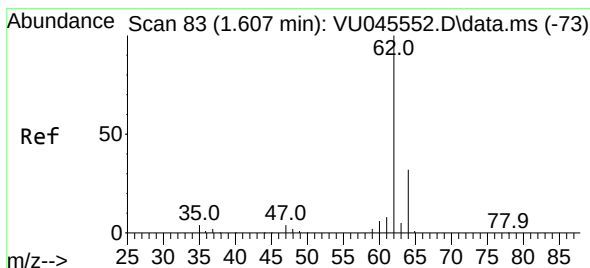
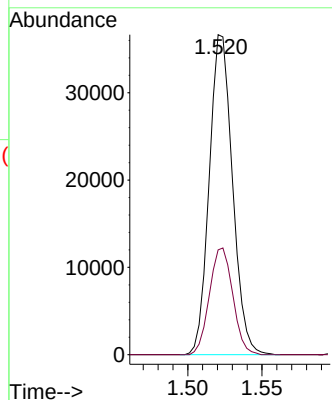
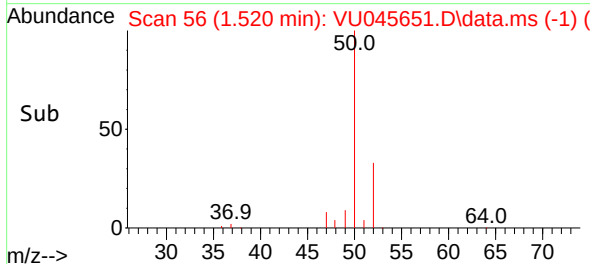
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion: 50 Resp: 39879
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0

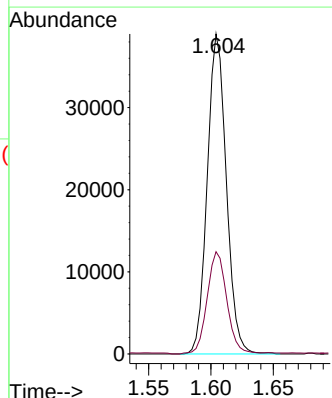
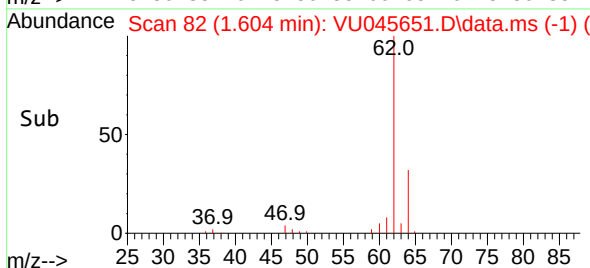
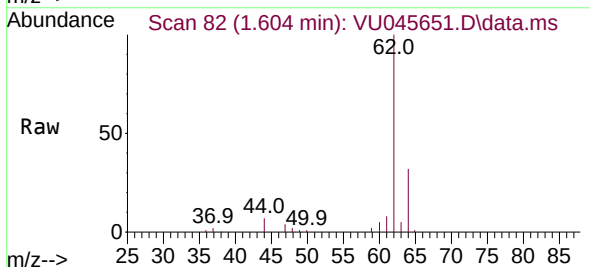
Manual Integrations
APPROVED

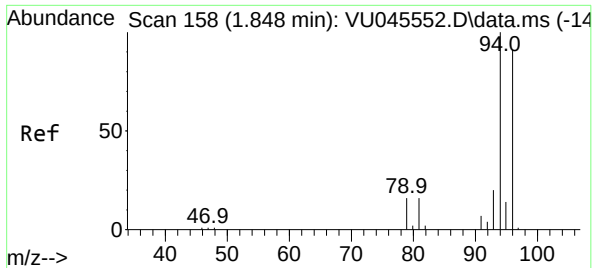
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#4
Vinyl Chloride
Concen: 20.976 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

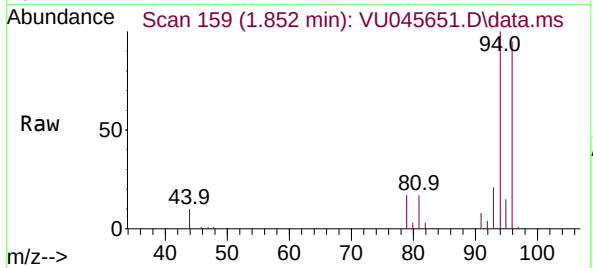
Tgt Ion: 62 Resp: 41534
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 22.633 ug/l
RT: 1.852 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

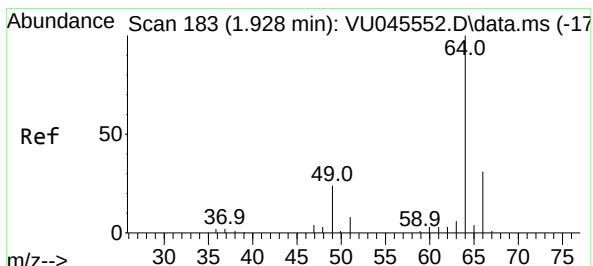
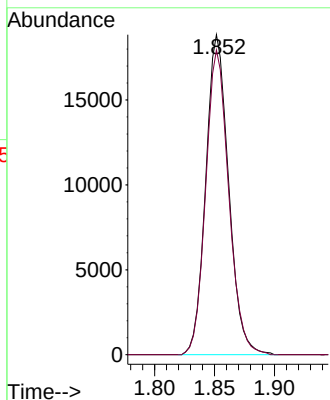
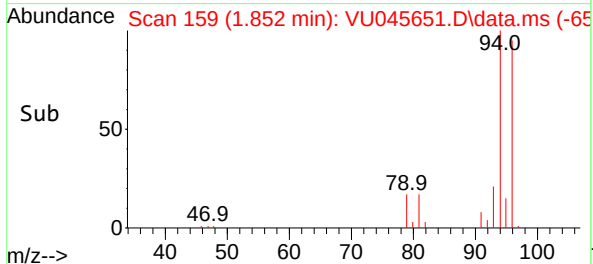
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion: 94 Resp: 2499
Ion Ratio Lower Upper
94 100
96 95.2 75.4 113.2

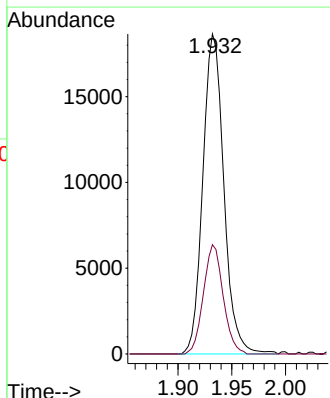
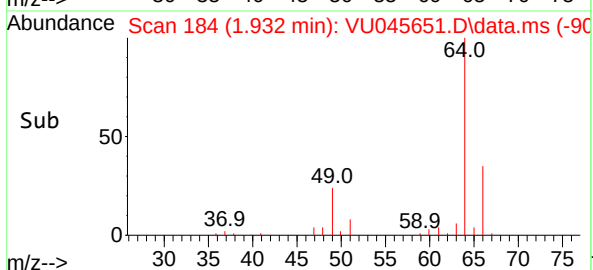
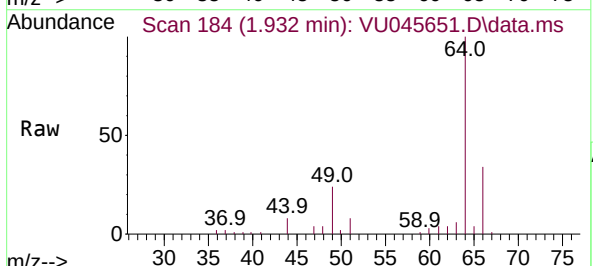
Manual Integrations
APPROVED

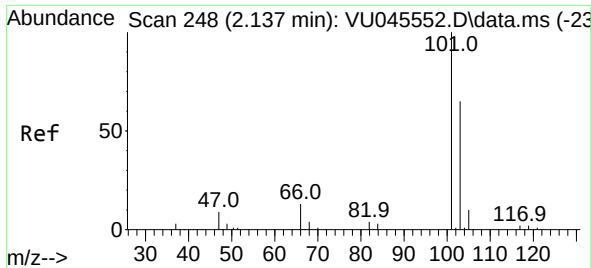
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#6
Chloroethane
Concen: 19.594 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

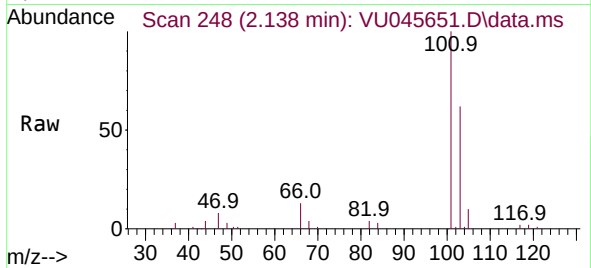
Tgt Ion: 64 Resp: 25320
Ion Ratio Lower Upper
64 100
66 34.2 26.7 40.1





#7
Trichlorofluoromethane
Concen: 20.869 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

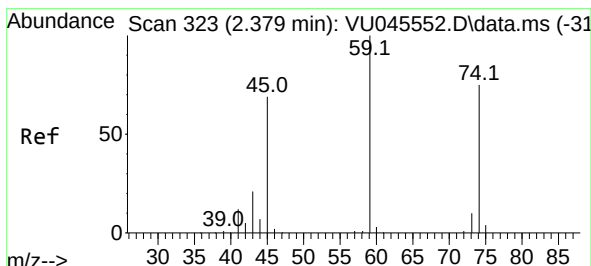
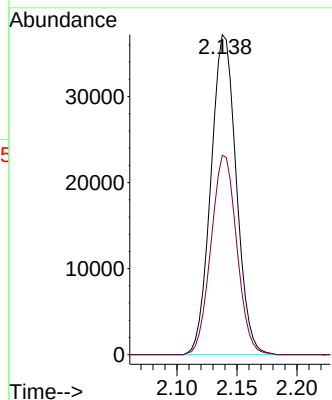
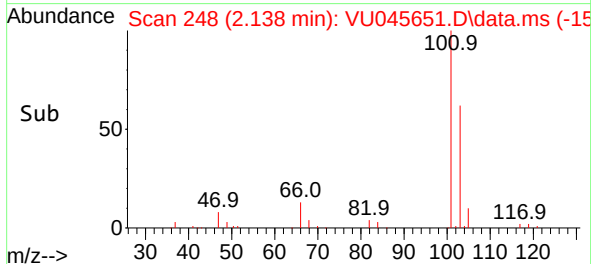
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



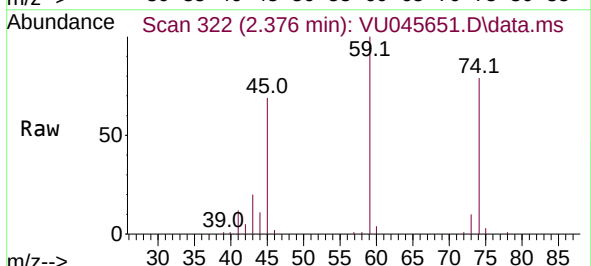
Tgt Ion:101 Resp: 5464
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.0

Manual Integrations
APPROVED

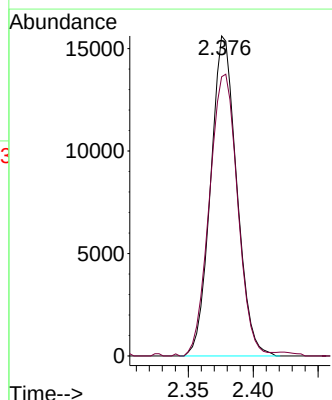
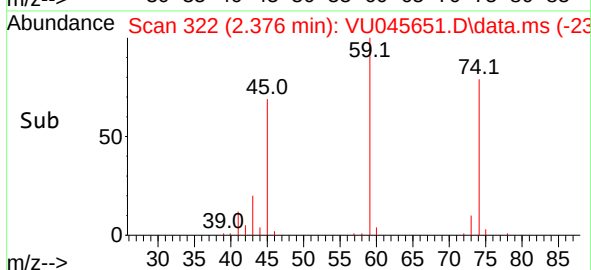
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

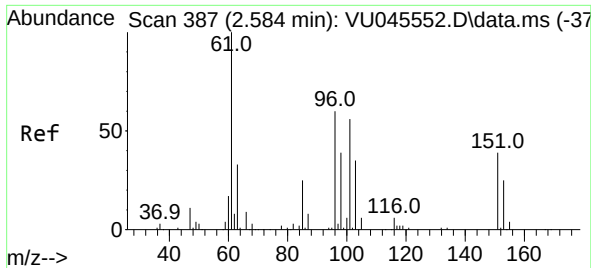


#8
Diethyl Ether
Concen: 21.042 ug/l
RT: 2.376 min Scan# 322
Delta R.T. -0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



Tgt Ion: 74 Resp: 21810
Ion Ratio Lower Upper
74 100
45 95.1 47.3 141.8





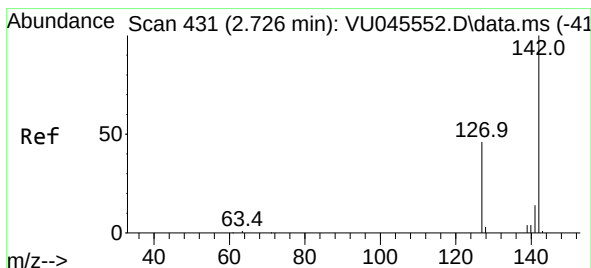
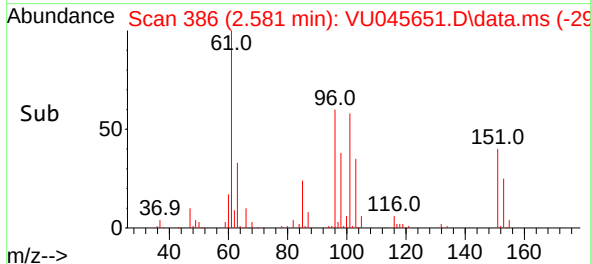
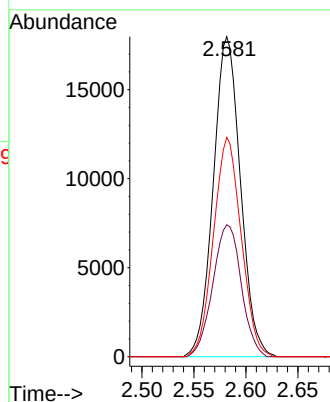
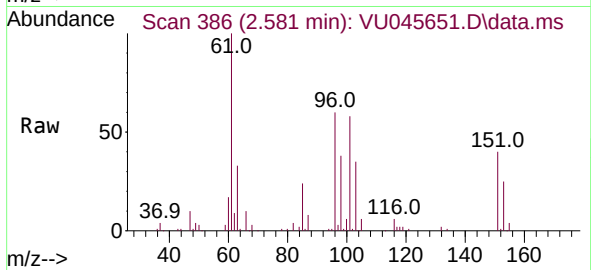
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.383 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion:101 Resp: 32694
Ion Ratio Lower Upper
101 100
85 43.1 35.0 52.4
151 69.8 54.6 82.0

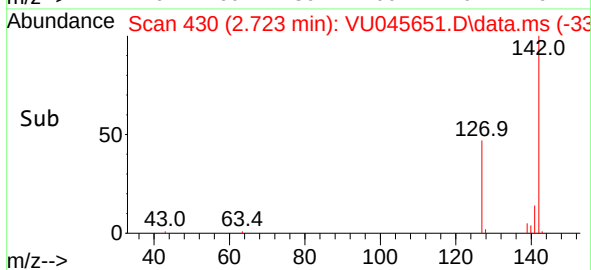
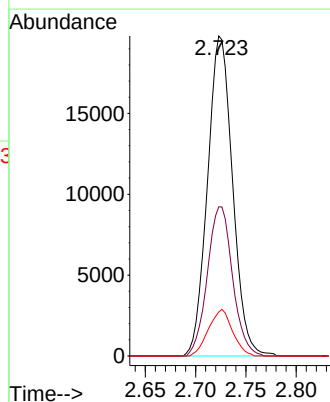
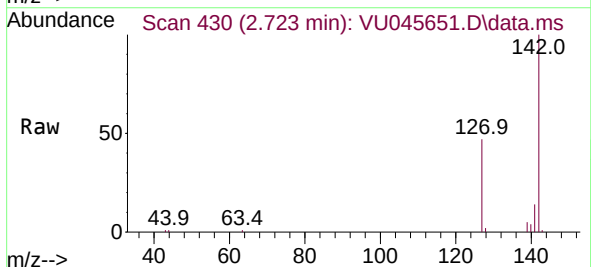
Manual Integrations
APPROVED

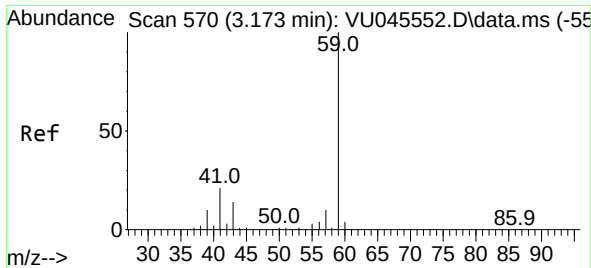
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 17.150 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion:142 Resp: 34314
Ion Ratio Lower Upper
142 100
127 46.8 32.2 48.2
141 13.9 11.3 16.9





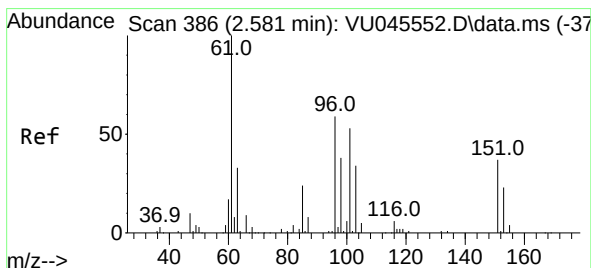
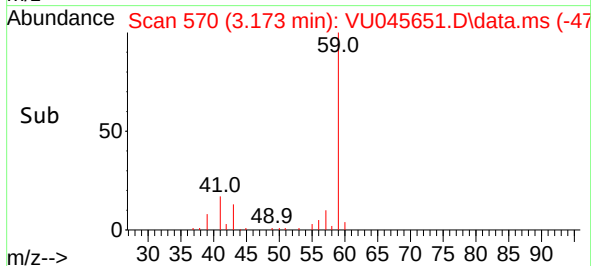
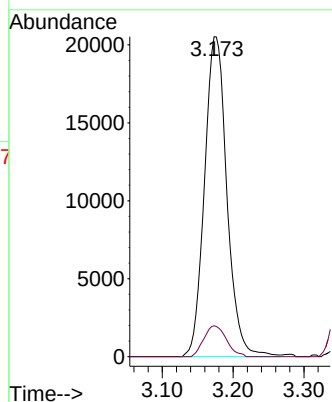
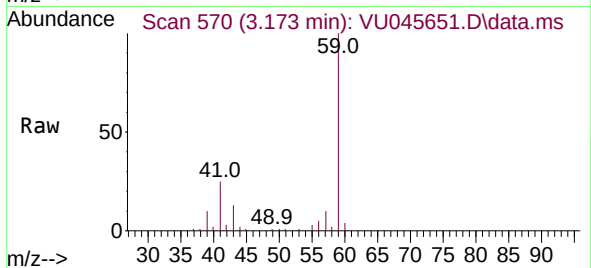
#11
Tert butyl alcohol
Concen: 111.104 ug/l
RT: 3.173 min Scan# 512
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion: 59 Resp: 4512
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

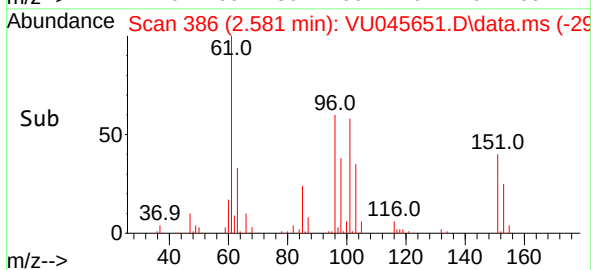
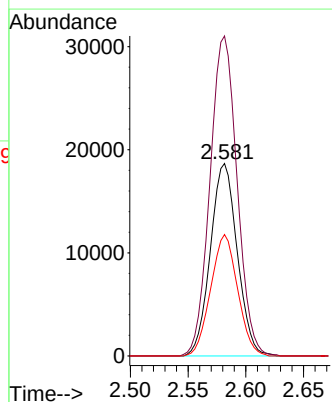
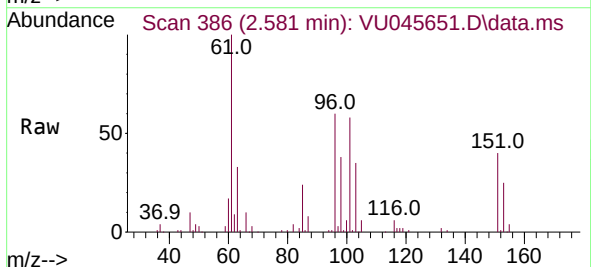
Manual Integrations
APPROVED

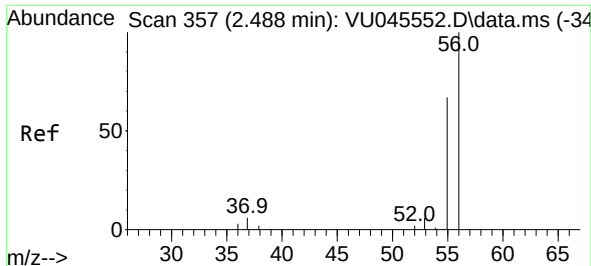
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 20.054 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion: 96 Resp: 30231
Ion Ratio Lower Upper
96 100
61 166.2 137.1 205.7
98 63.1 51.5 77.3





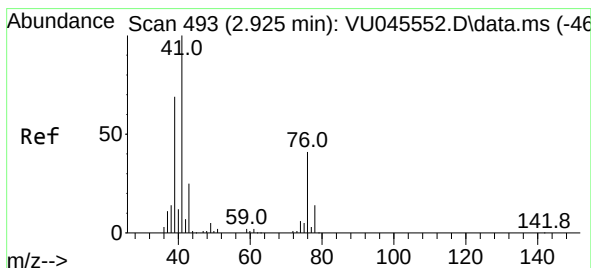
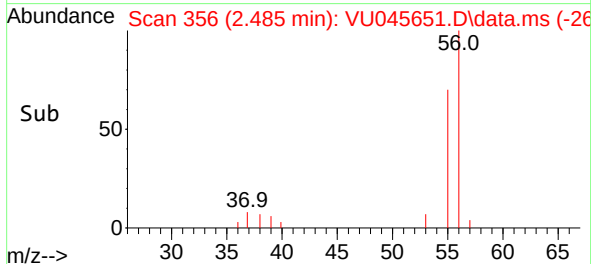
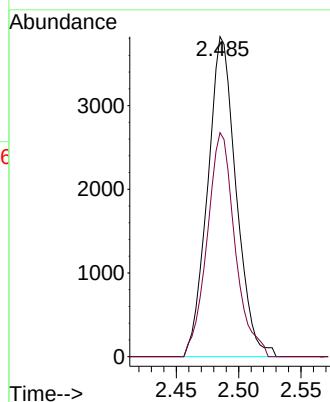
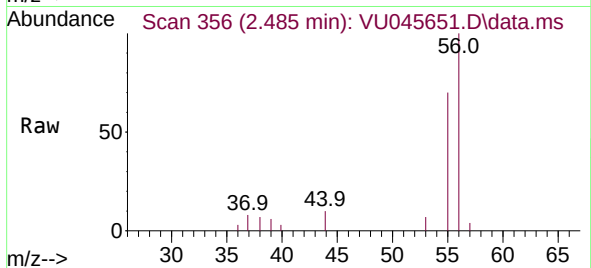
#13
Acrolein
Concen: 103.331 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion: 56 Resp: 608
Ion Ratio Lower Upper
56 100
55 68.5 56.3 84.5

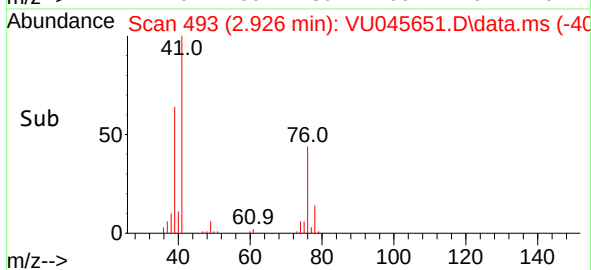
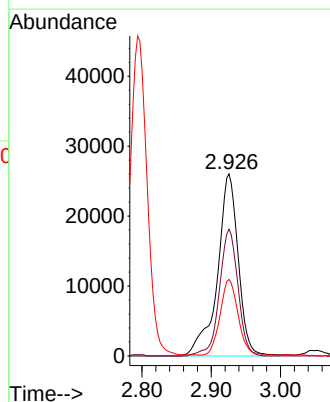
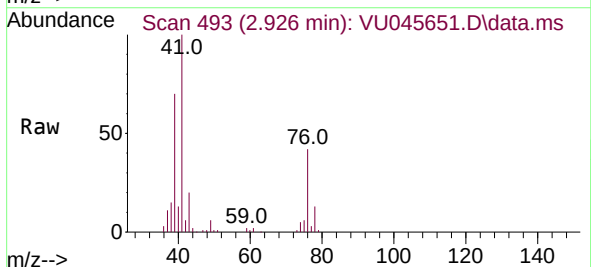
Manual Integrations
APPROVED

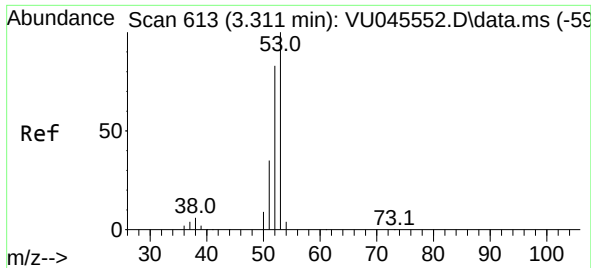
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 20.285 ug/l
RT: 2.926 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

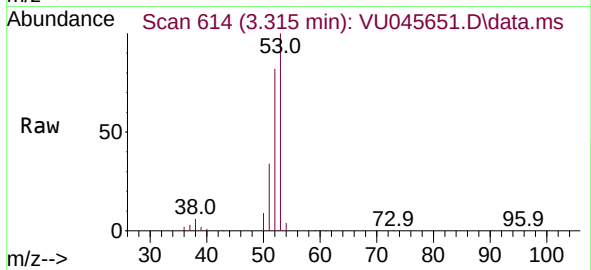
Tgt Ion: 41 Resp: 54602
Ion Ratio Lower Upper
41 100
39 61.8 49.7 74.5
76 35.7 27.7 41.5





#15
Acrylonitrile
Concen: 105.187 ug/l
RT: 3.315 min Scan# 613
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

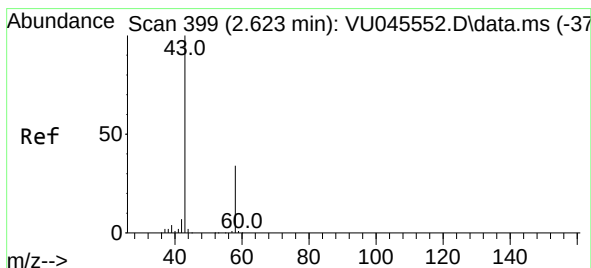
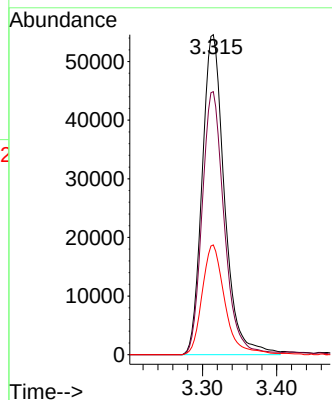
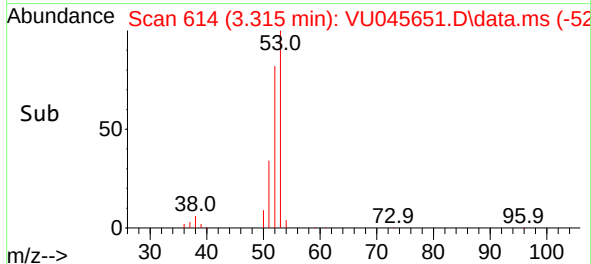
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion: 53 Resp: 114068
Ion Ratio Lower Upper
53 100
52 81.3 66.6 100.0
51 34.8 28.4 42.6

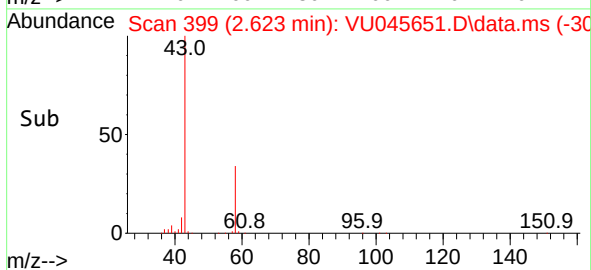
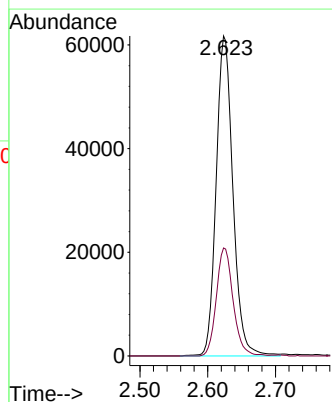
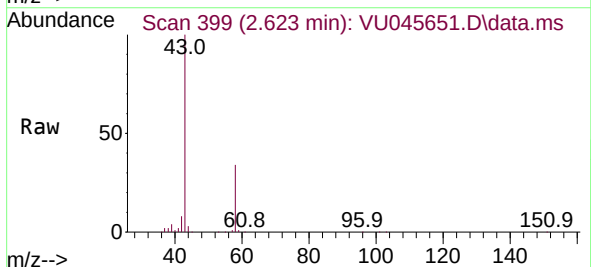
Manual Integrations
APPROVED

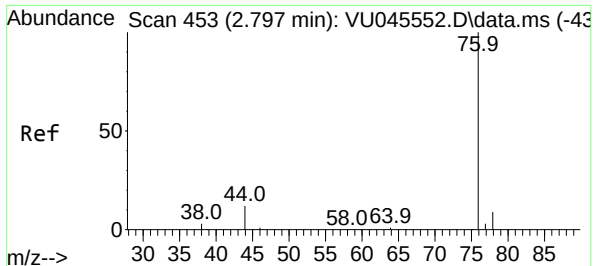
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 101.493 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion: 43 Resp: 106020
Ion Ratio Lower Upper
43 100
58 33.7 26.2 39.2





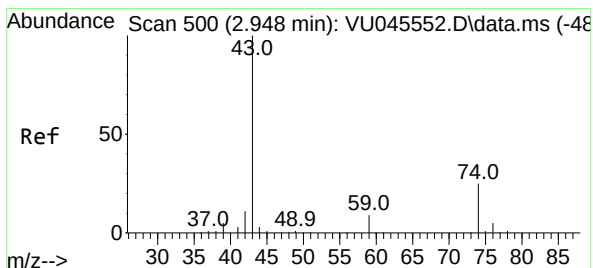
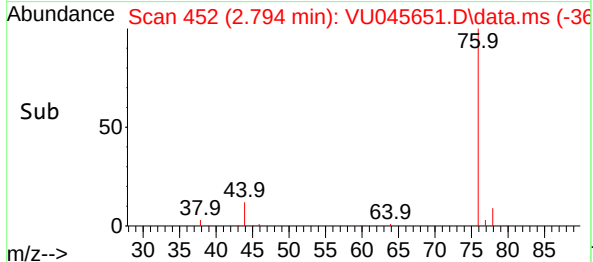
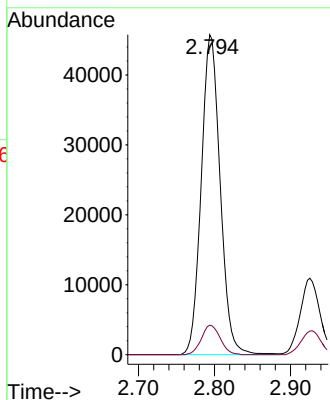
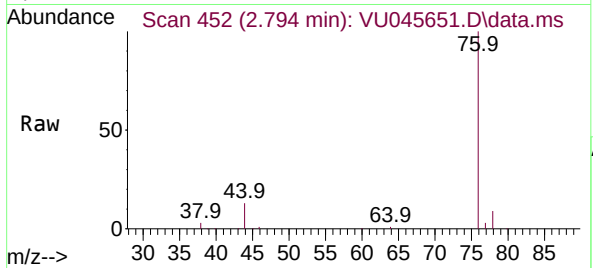
#17
Carbon Disulfide
Concen: 18.737 ug/l
RT: 2.794 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion: 76 Resp: 79110
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

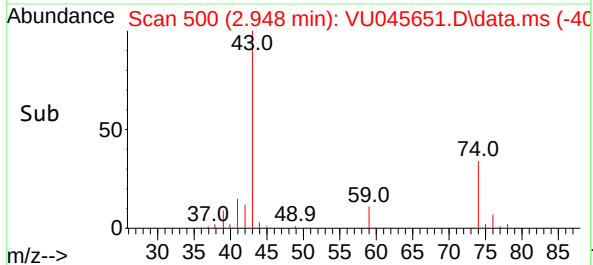
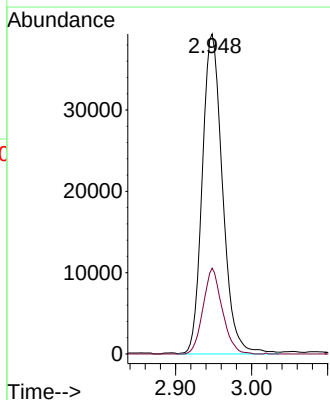
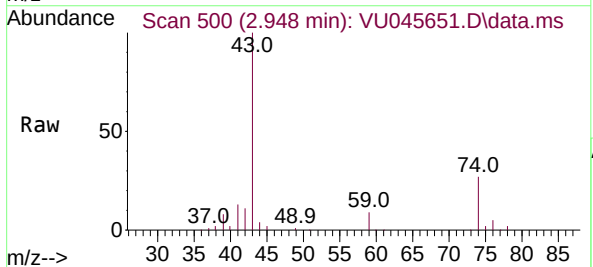
Manual Integrations
APPROVED

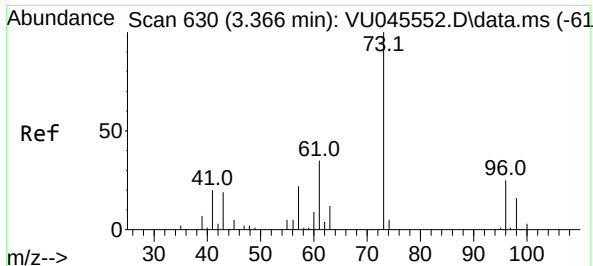
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 20.543 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion: 43 Resp: 73089
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 21.200 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

Tgt Ion: 73 Resp: 115038

Ion Ratio Lower Upper

73 100

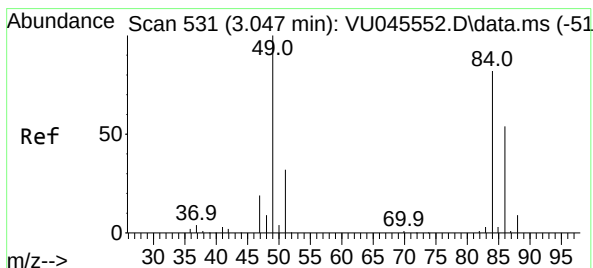
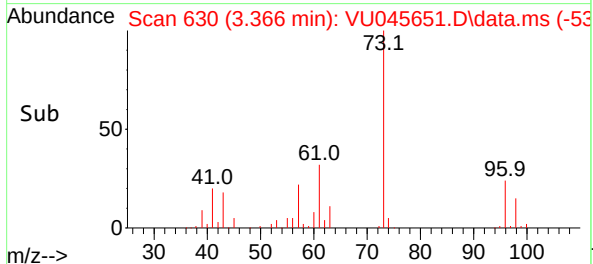
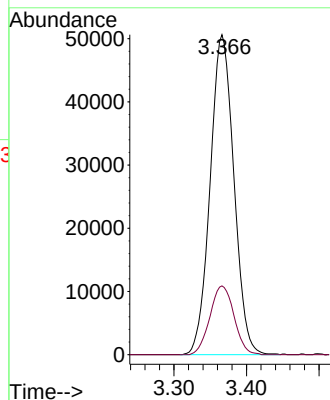
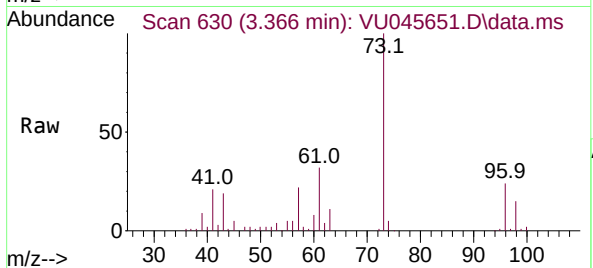
57 21.5 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#20

Methylene Chloride

Concen: 20.312 ug/l

RT: 3.048 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Tgt Ion: 84 Resp: 36868

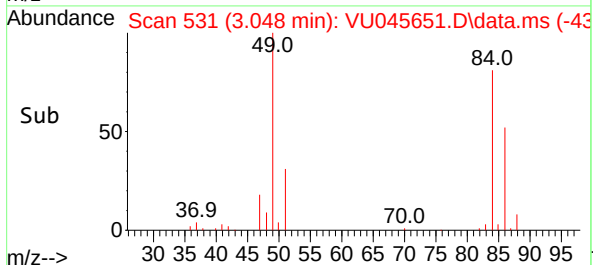
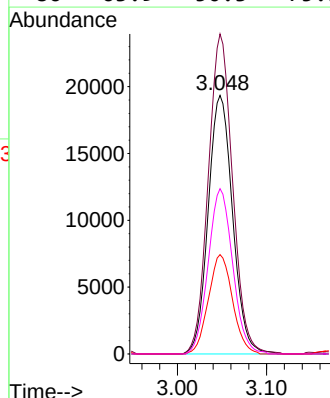
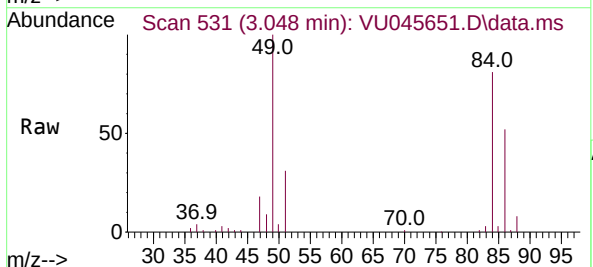
Ion Ratio Lower Upper

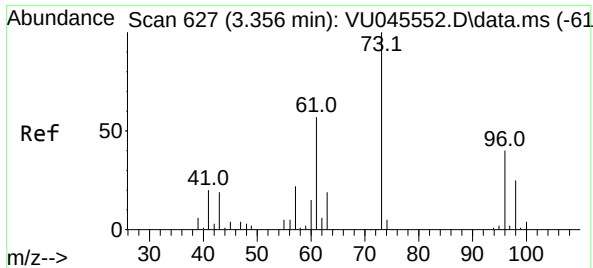
84 100

49 123.7 96.4 144.6

51 38.4 30.5 45.7

86 63.9 50.3 75.5





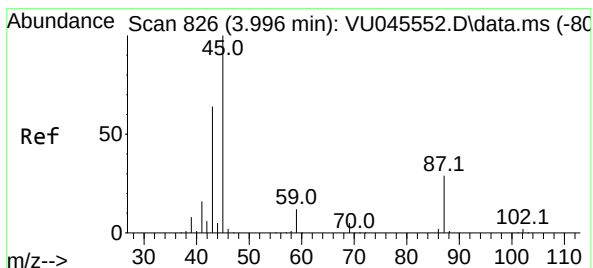
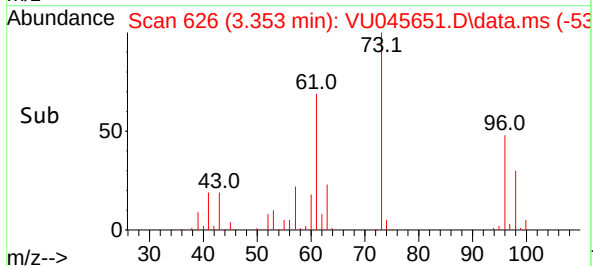
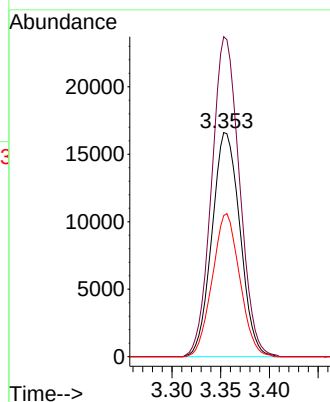
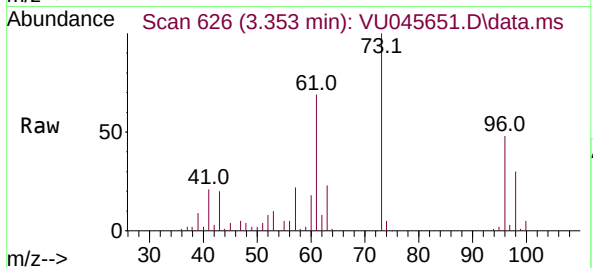
#21
trans-1,2-Dichloroethene
Concen: 21.173 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion: 96 Resp: 33200
Ion Ratio Lower Upper
96 100
61 142.8 118.2 177.4
98 63.0 52.1 78.1

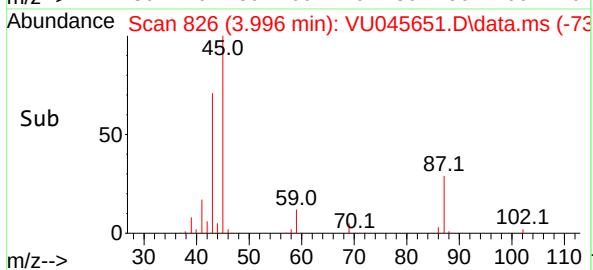
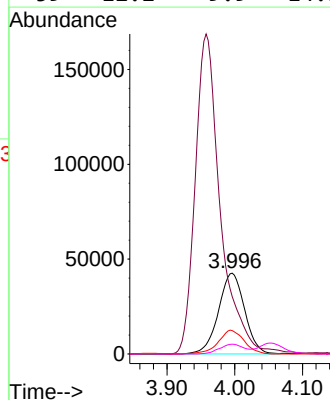
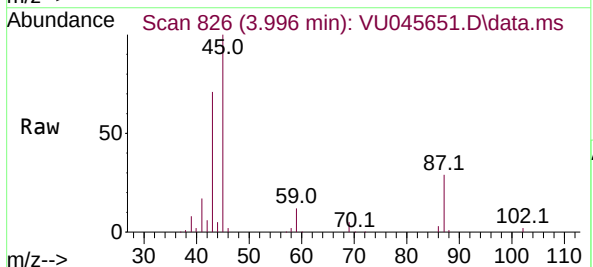
Manual Integrations
APPROVED

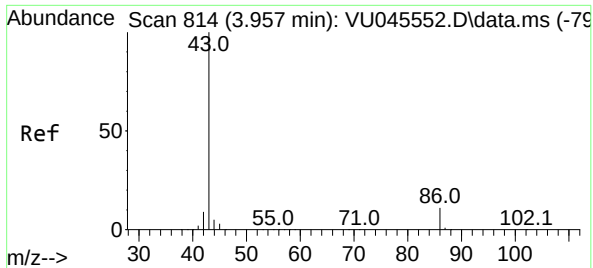
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#22
Diisopropyl ether
Concen: 21.657 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

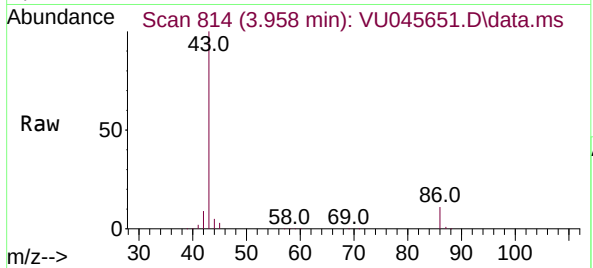
Tgt Ion: 45 Resp: 114464
Ion Ratio Lower Upper
45 100
43 66.9 60.0 90.0
87 28.8 22.3 33.5
59 12.2 9.9 14.9





#23
 Vinyl Acetate
 Concen: 107.042 ug/l
 RT: 3.958 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045651.D
 Acq: 09 Nov 2021 12:22

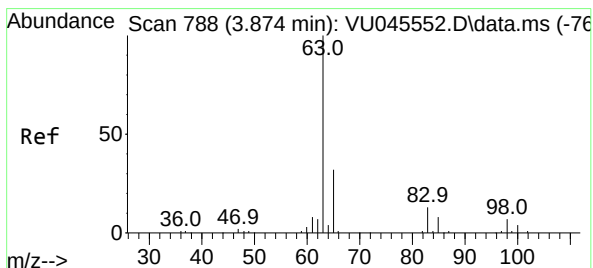
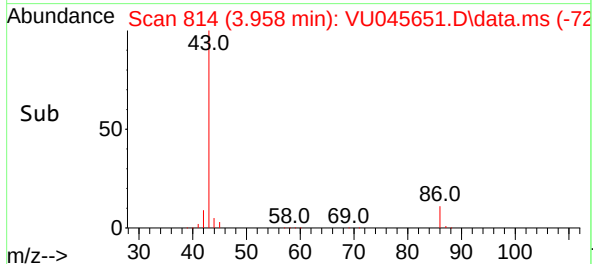
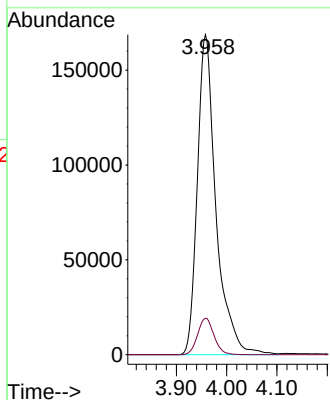
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBS01



Tgt Ion: 43 Resp: 435120
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3

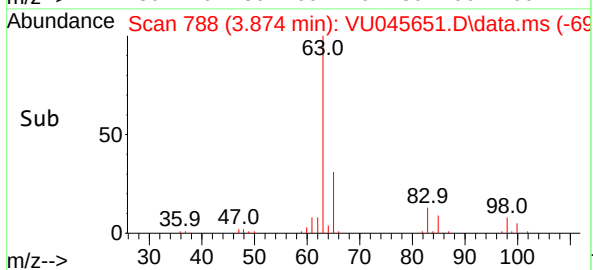
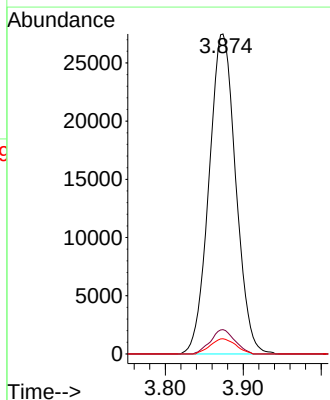
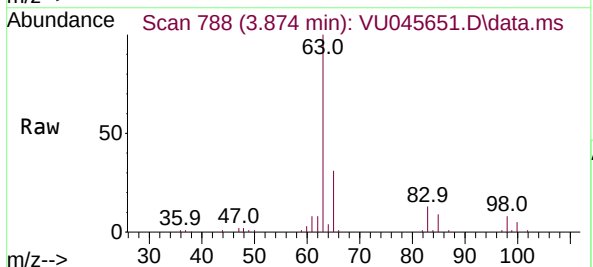
Manual Integrations
 APPROVED

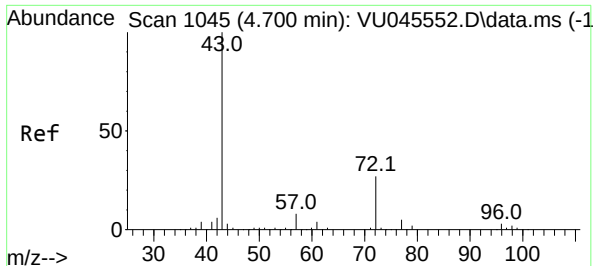
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#24
 1,1-Dichloroethane
 Concen: 20.832 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045651.D
 Acq: 09 Nov 2021 12:22

Tgt Ion: 63 Resp: 65609
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 105.676 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

Tgt Ion: 43 Resp: 153100

Ion Ratio Lower Upper

43 100

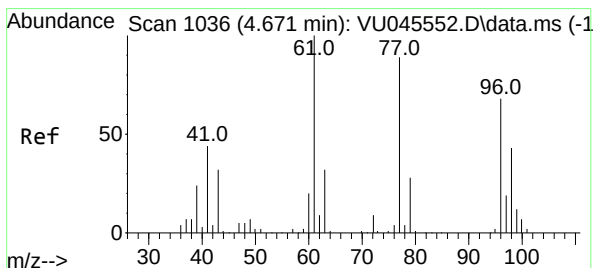
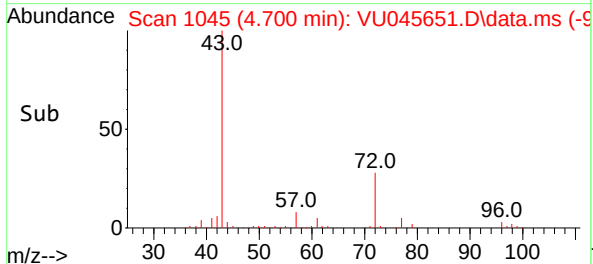
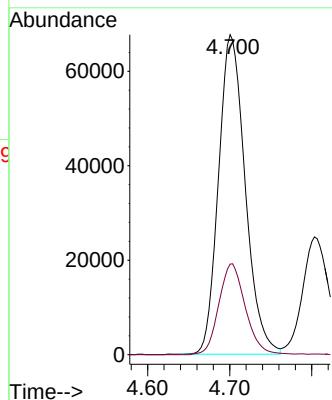
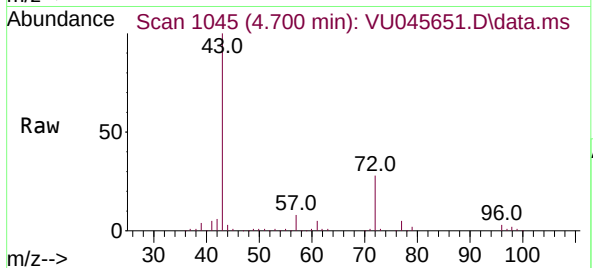
72 28.4 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 20.822 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045651.D

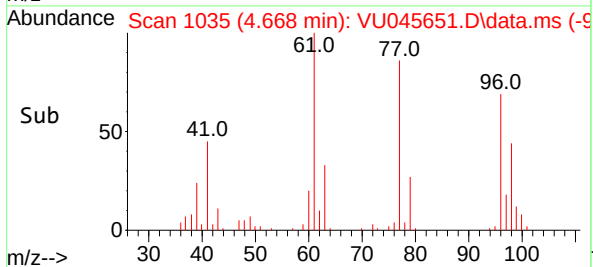
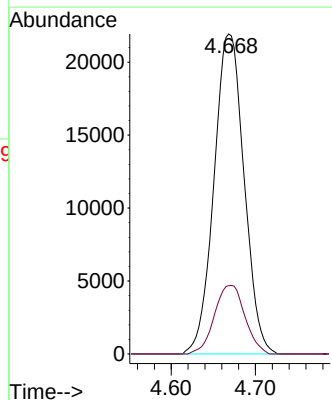
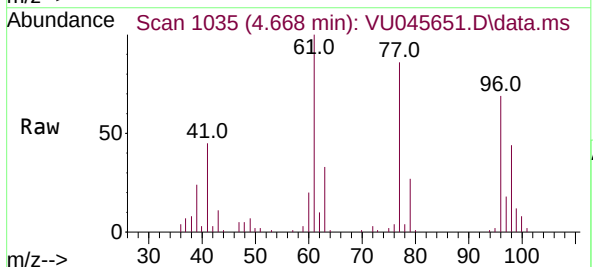
Acq: 09 Nov 2021 12:22

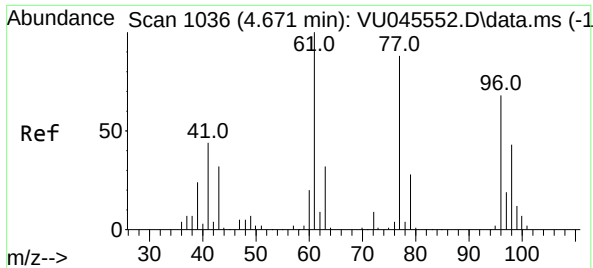
Tgt Ion: 77 Resp: 54343

Ion Ratio Lower Upper

77 100

97 21.7 11.4 34.1





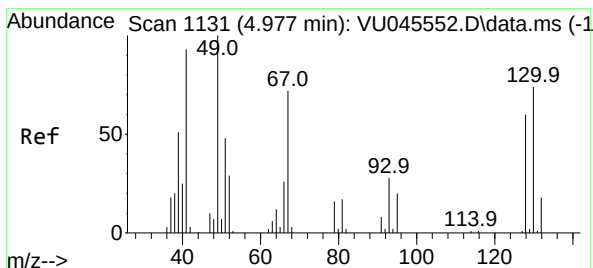
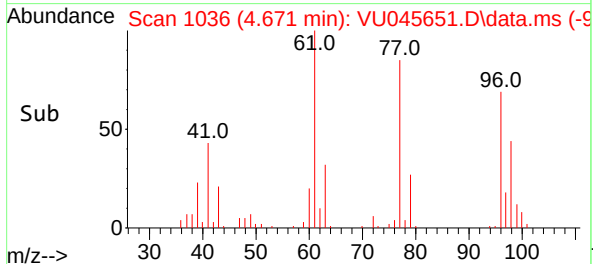
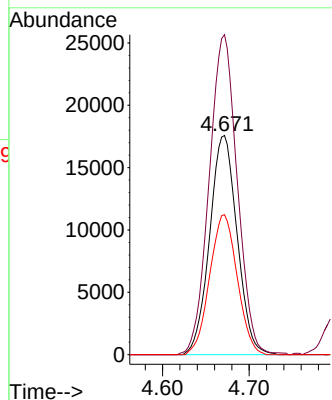
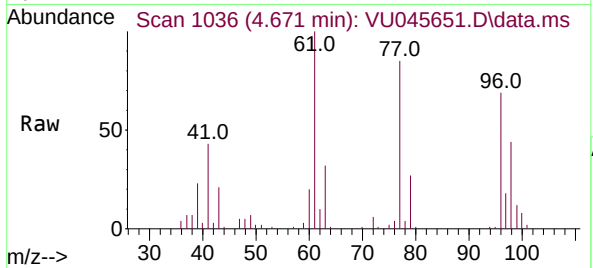
#27
cis-1,2-Dichloroethene
Concen: 21.068 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion: 96 Resp: 3880
Ion Ratio Lower Upper
96 100
61 149.1 0.0 299.2
98 64.0 0.0 127.6

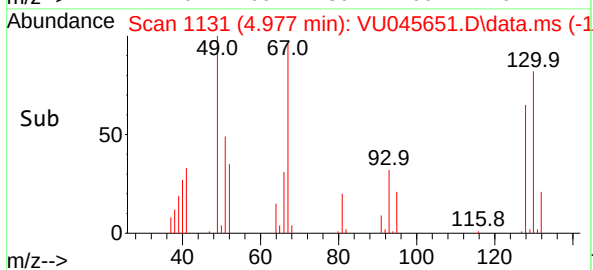
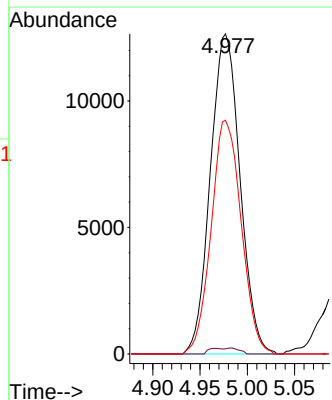
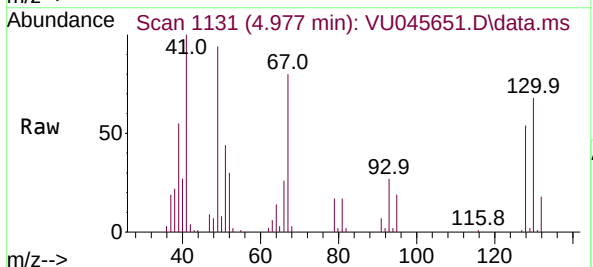
Manual Integrations
APPROVED

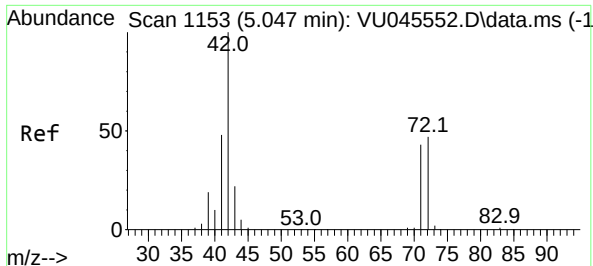
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#28
Bromochloromethane
Concen: 18.412 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion: 49 Resp: 27646
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.4
130 73.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 105.607 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.004 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

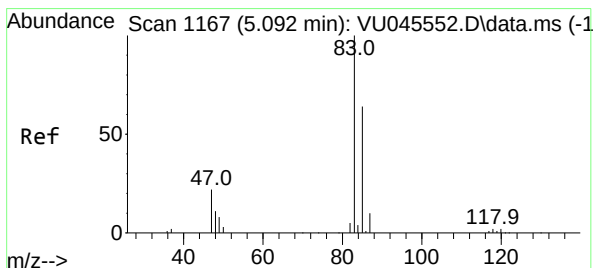
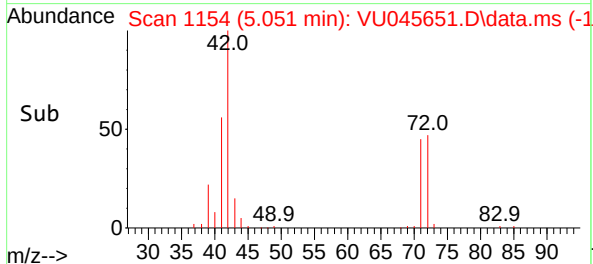
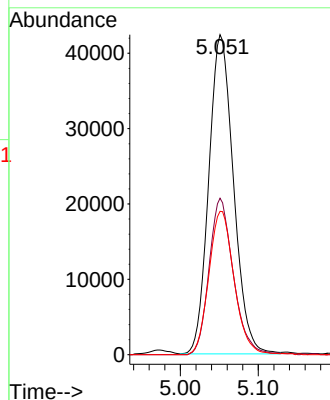
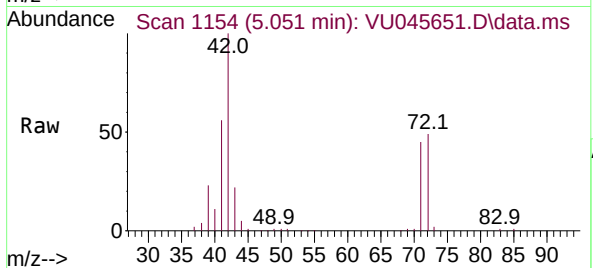
Tgt Ion:	42	Resp:	9359
Ion Ratio	Lower	Upper	
42	100		
72	48.1	38.2	57.4
71	45.7	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 21.380 ug/l

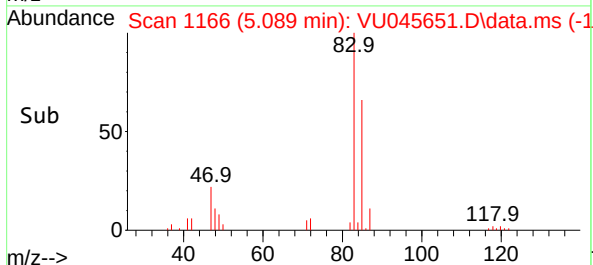
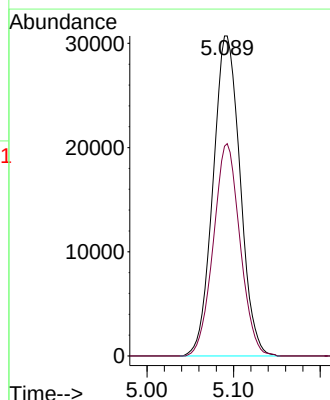
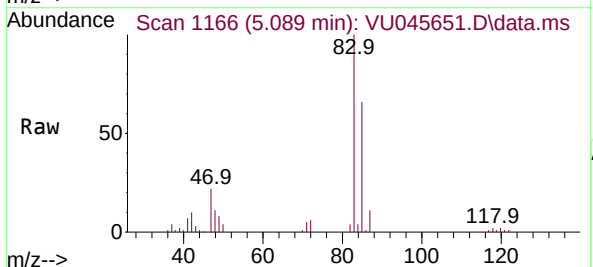
RT: 5.089 min Scan# 1166

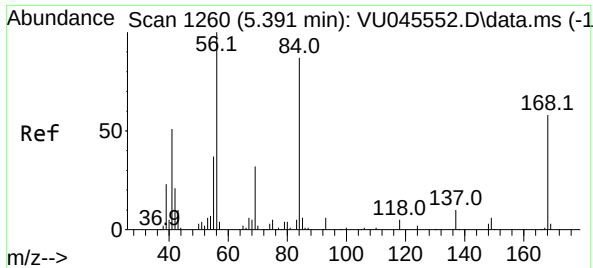
Delta R.T. -0.003 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

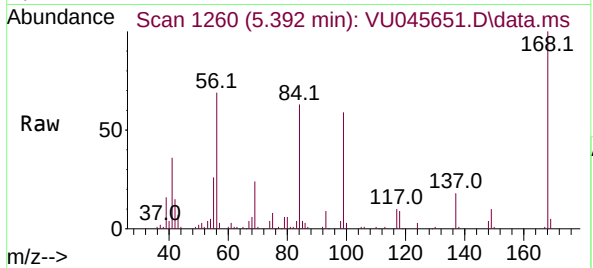
Tgt Ion:	83	Resp:	66595
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.0	78.0





#31
Cyclohexane
Concen: 20.236 ug/l
RT: 5.392 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

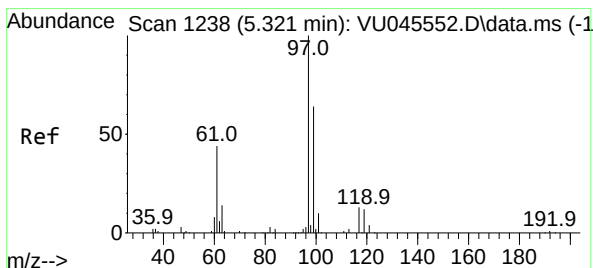
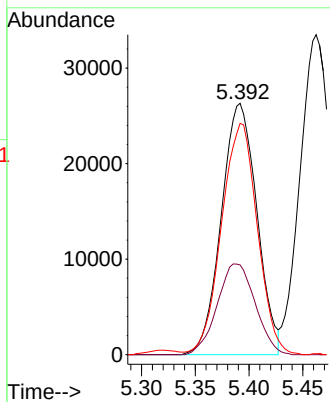
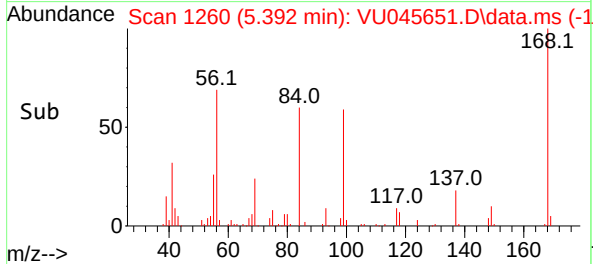
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion: 56 Resp: 60589
Ion Ratio Lower Upper
56 100
69 35.7 26.4 39.6
84 90.9 68.4 102.6

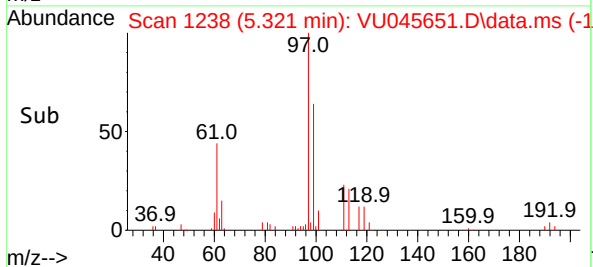
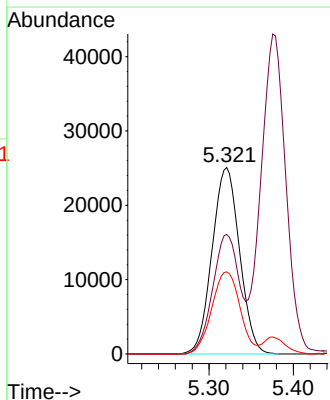
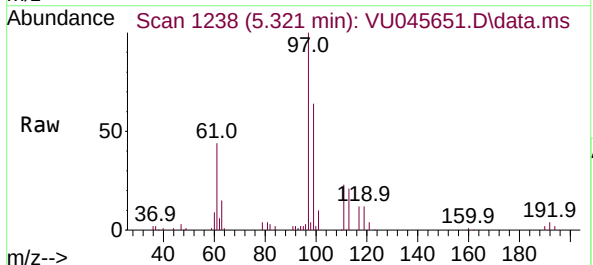
Manual Integrations
APPROVED

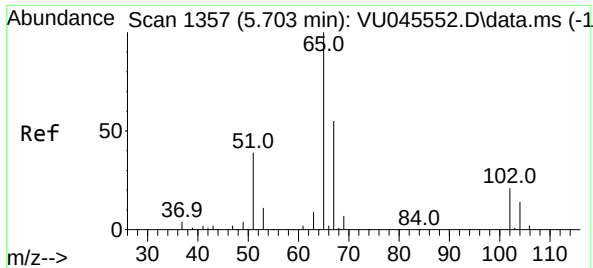
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#32
1,1,1-Trichloroethane
Concen: 21.380 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion: 97 Resp: 56791
Ion Ratio Lower Upper
97 100
99 61.7 50.8 76.2
61 45.3 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 53.261 ug/l

RT: 5.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

Tgt Ion: 65 Resp: 10929

Ion Ratio Lower Upper

65 100

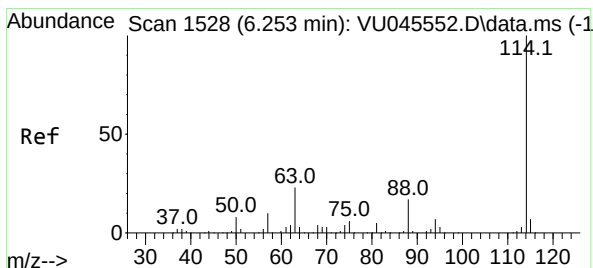
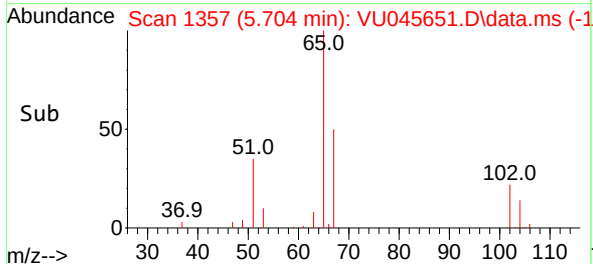
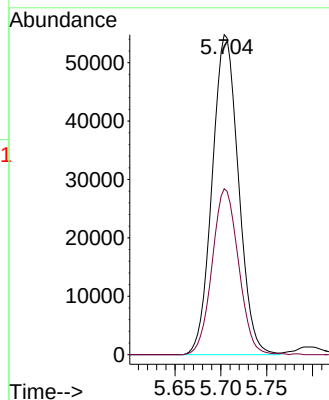
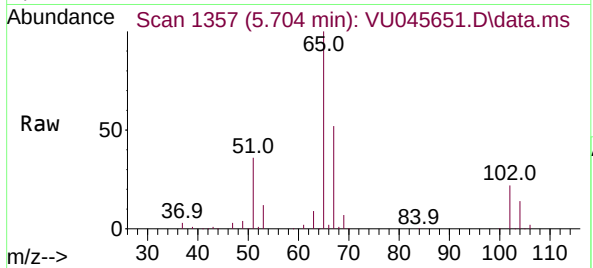
67 52.1 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

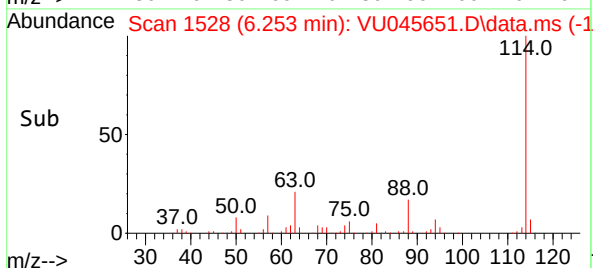
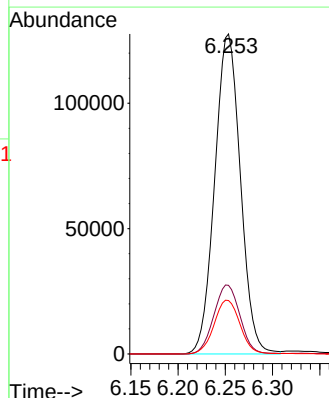
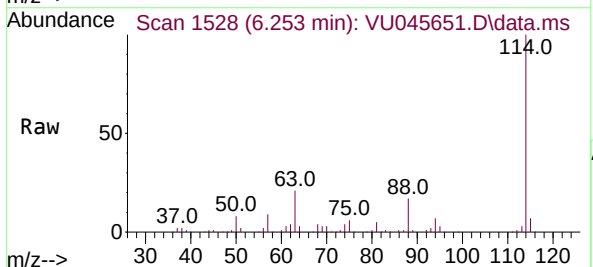
Tgt Ion:114 Resp: 241354

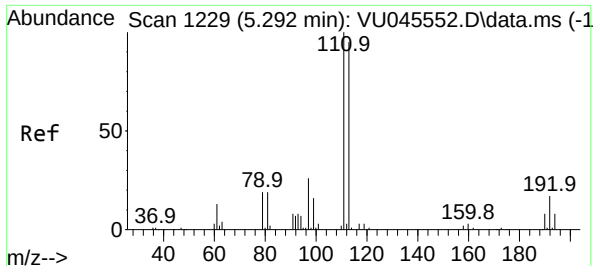
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.6

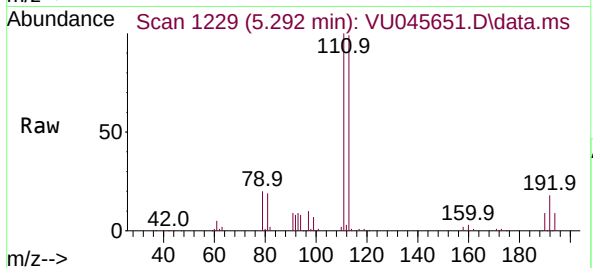
88 16.7 0.0 33.8





#35
Dibromofluoromethane
Concen: 52.940 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

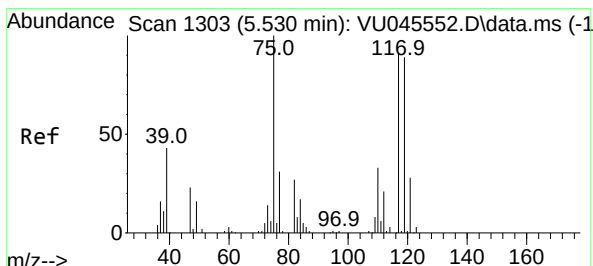
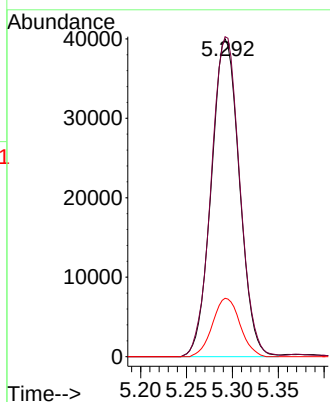
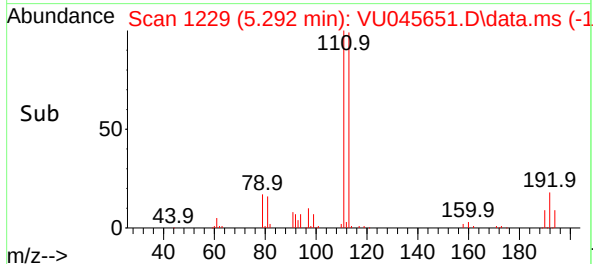
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion:113 Resp: 8530
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 18.0 14.8 22.2

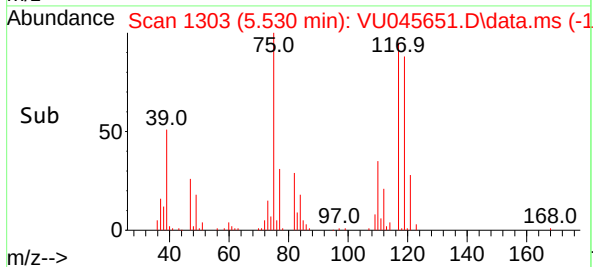
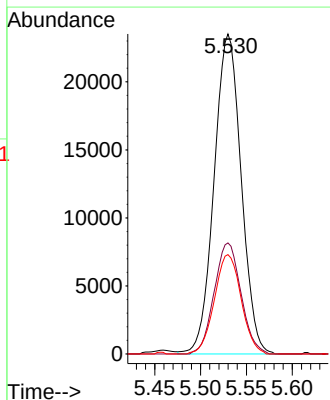
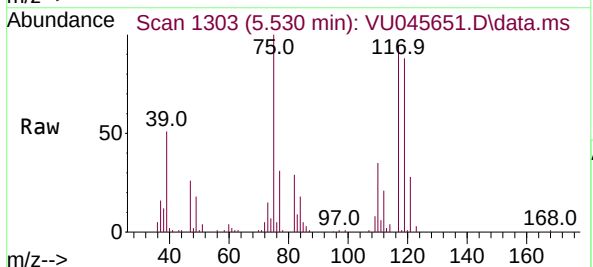
Manual Integrations
APPROVED

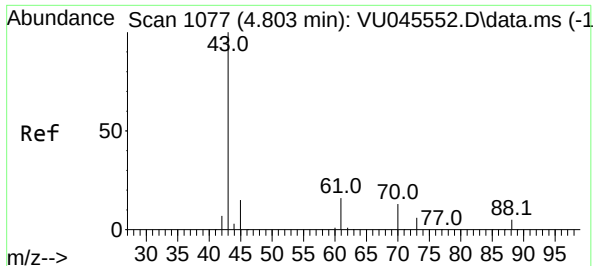
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#36
1,1-Dichloropropene
Concen: 20.505 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion: 75 Resp: 48257
Ion Ratio Lower Upper
75 100
110 34.3 16.7 50.0
77 30.7 25.0 37.4





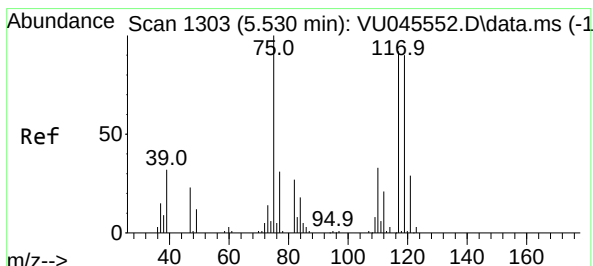
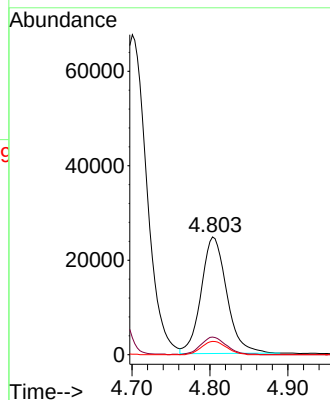
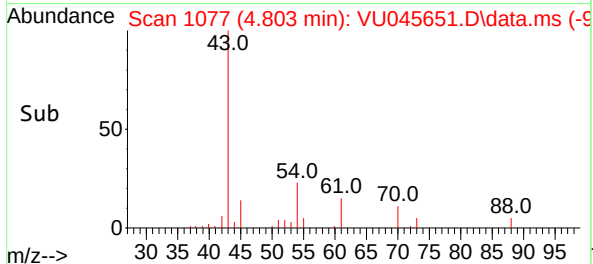
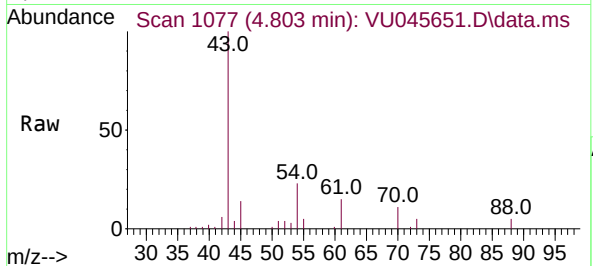
#37
Ethyl Acetate
Concen: 20.860 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion: 43	Resp: 5639
Ion Ratio	Lower Upper
43 100	
61 15.2	11.6 17.4
70 11.1	9.1 13.7

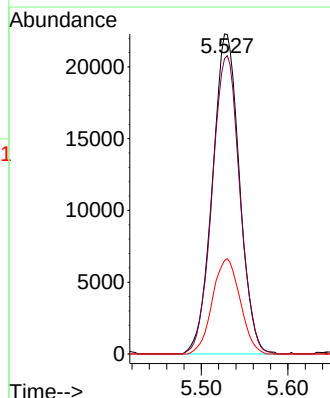
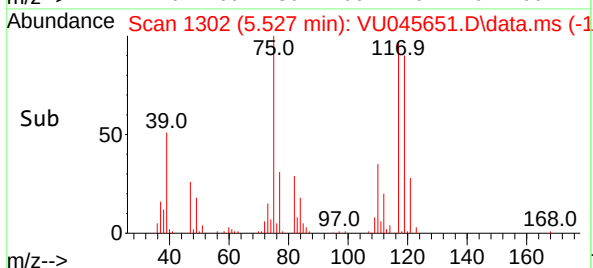
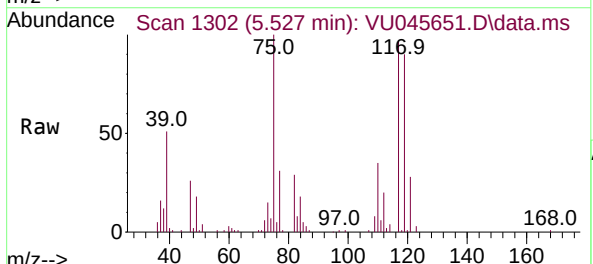
Manual Integrations
APPROVED

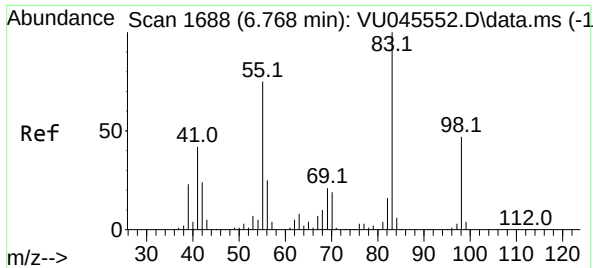
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Carbon Tetrachloride
Concen: 20.365 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion: 117	Resp: 48317
Ion Ratio	Lower Upper
117 100	
119 92.3	77.4 116.0
121 29.2	24.8 37.2





#39

Methylcyclohexane

Concen: 19.799 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

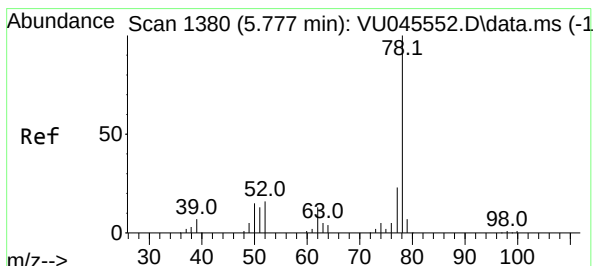
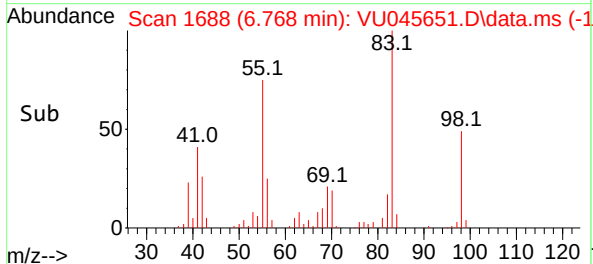
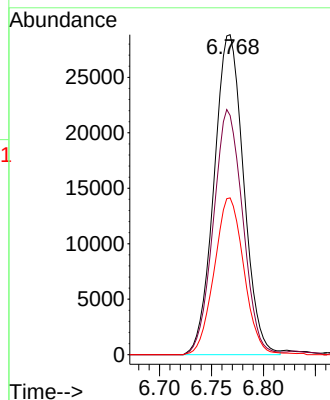
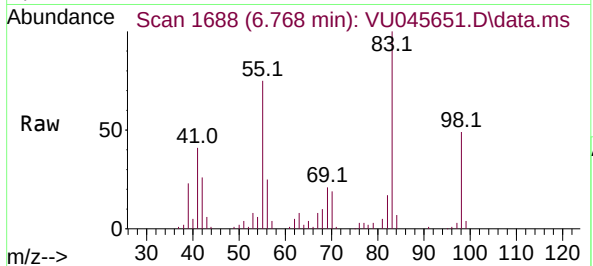
Tgt Ion: 83	Resp: 5716
Ion Ratio	Lower Upper
83	100
55	74.7 63.6 95.4
98	49.0 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 20.316 ug/l

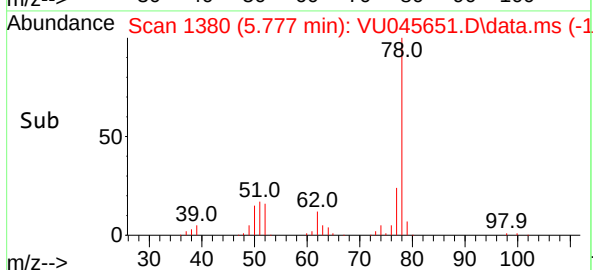
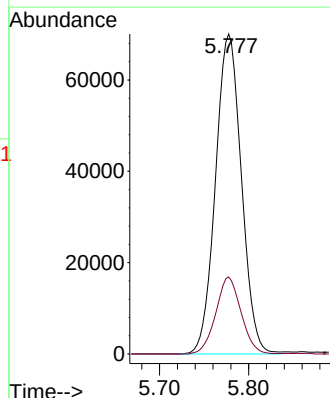
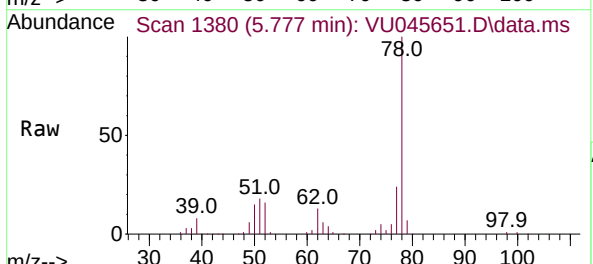
RT: 5.777 min Scan# 1380

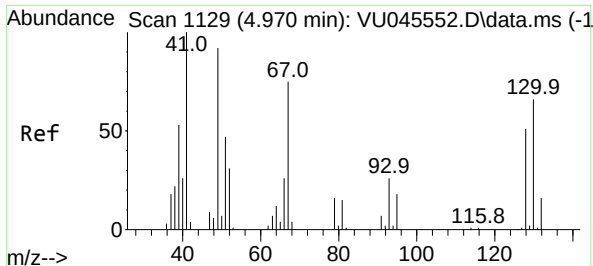
Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

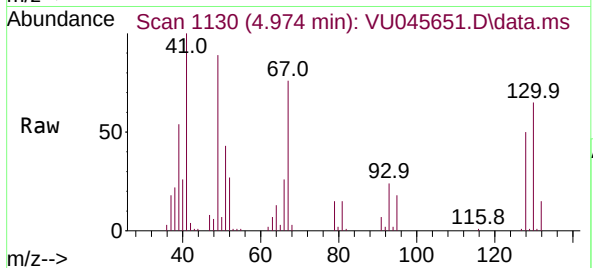
Tgt Ion: 78	Resp: 141549
Ion Ratio	Lower Upper
78	100
77	24.1 19.0 28.4





#41
Methacrylonitrile
Concen: 21.369 ug/l
RT: 4.974 min Scan# 1129
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

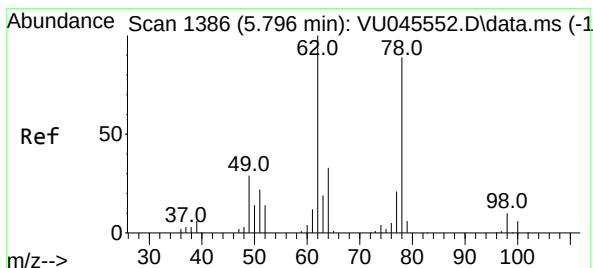
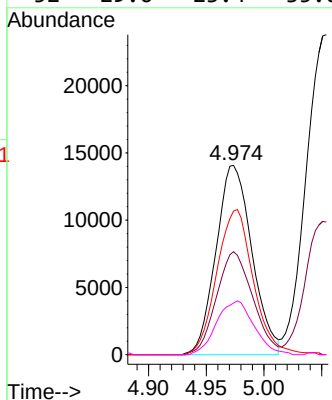
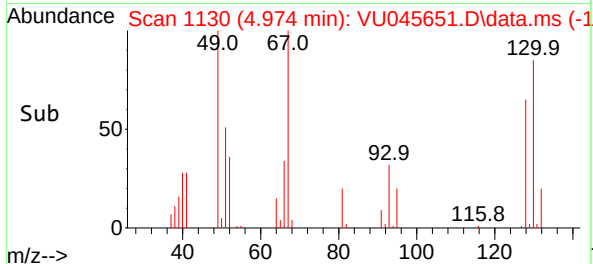
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion: 41 Resp: 30528
Ion Ratio Lower Upper
41 100
39 55.1 43.4 65.0
67 77.7 61.0 91.4
52 29.6 23.4 35.0

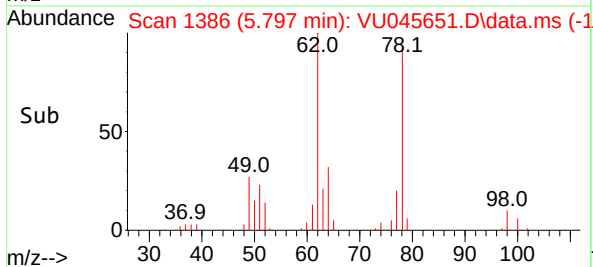
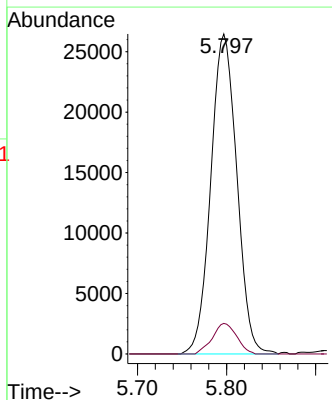
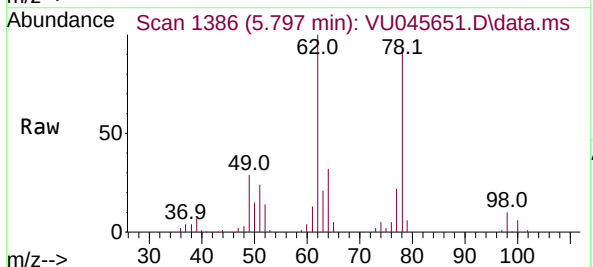
Manual Integrations
APPROVED

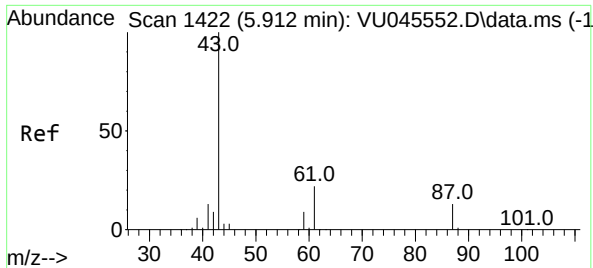
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 21.321 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

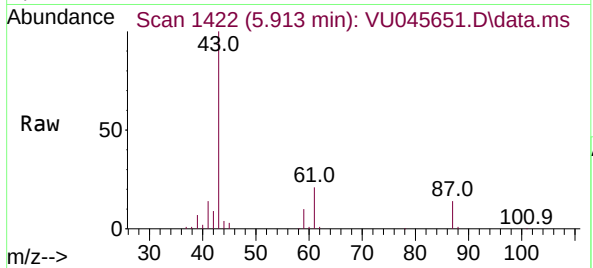
Tgt Ion: 62 Resp: 53660
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4





#43
Isopropyl Acetate
Concen: 20.711 ug/l
RT: 5.913 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

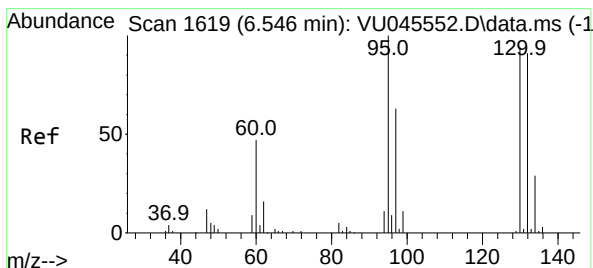
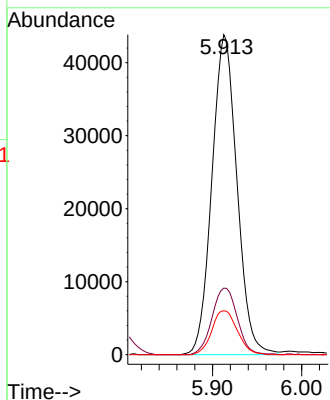
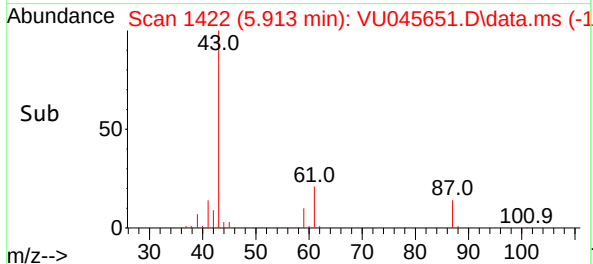
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



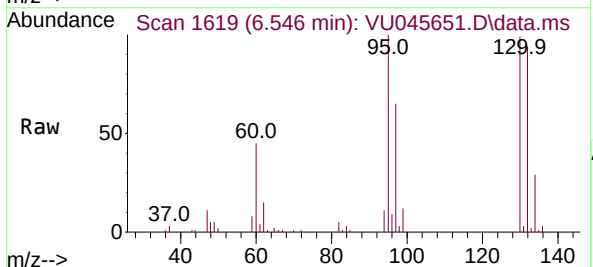
Tgt Ion: 43 Resp: 85638
Ion Ratio Lower Upper
43 100
61 21.0 16.9 25.3
87 14.0 11.0 16.4

Manual Integrations
APPROVED

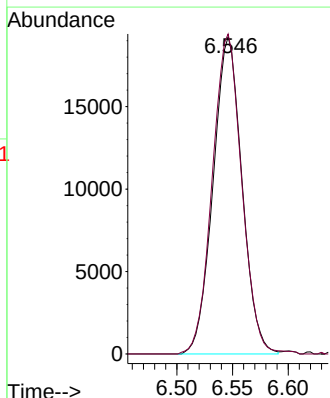
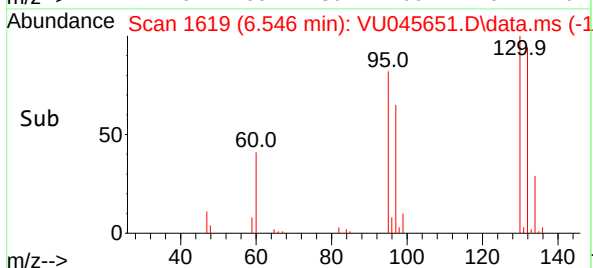
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

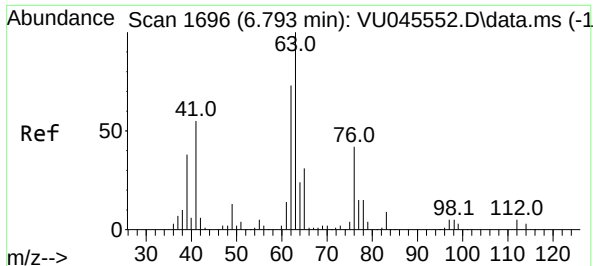


#44
Trichloroethene
Concen: 20.779 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



Tgt Ion:130 Resp: 34655
Ion Ratio Lower Upper
130 100
95 101.0 0.0 211.4





#45

1,2-Dichloropropane

Concen: 21.147 ug/l

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

Tgt Ion: 63 Resp: 3898

Ion Ratio Lower Upper

63 100

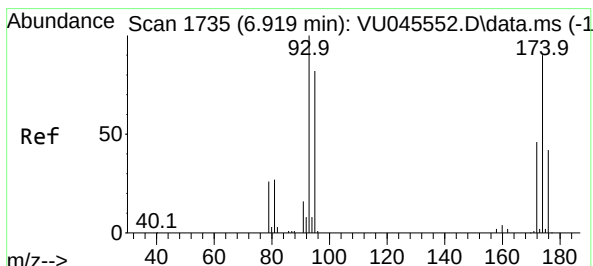
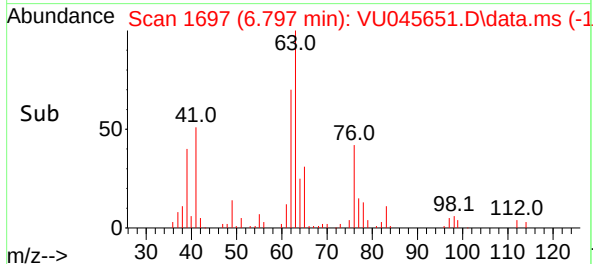
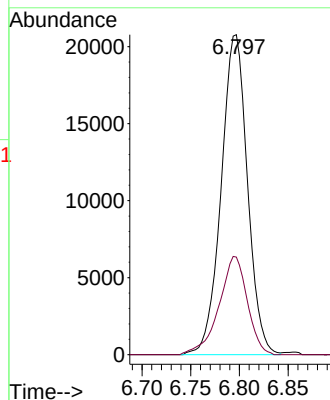
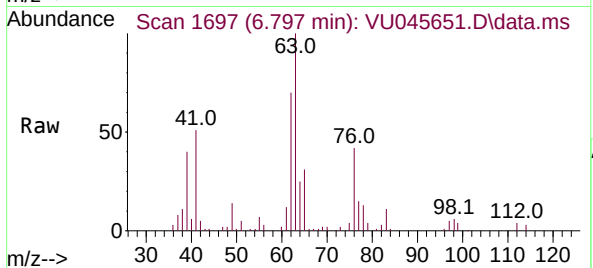
65 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 20.653 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.004 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

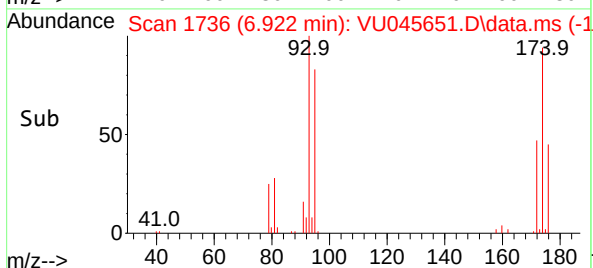
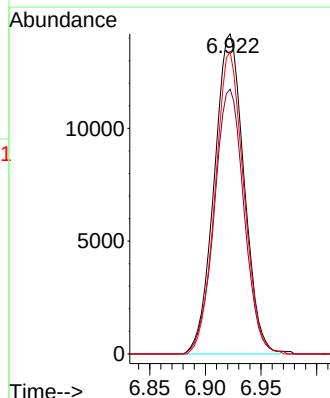
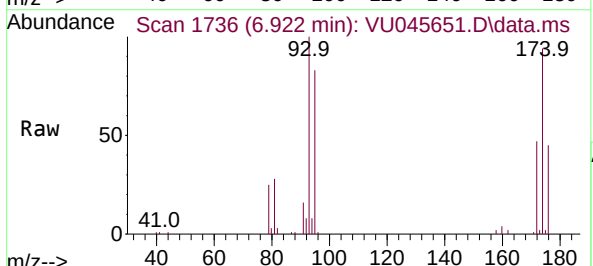
Tgt Ion: 93 Resp: 26383

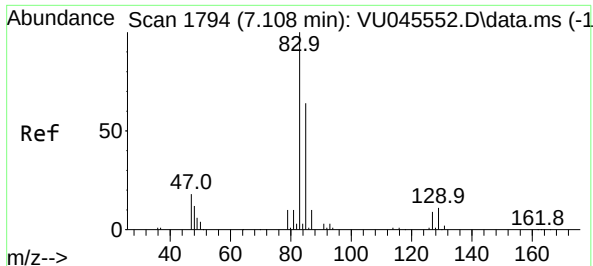
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

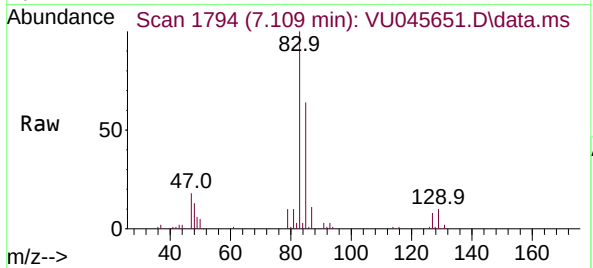
174 90.6 71.0 106.6





#47
Bromodichloromethane
Concen: 21.011 ug/l
RT: 7.109 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

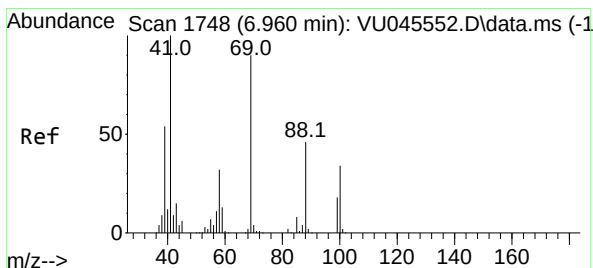
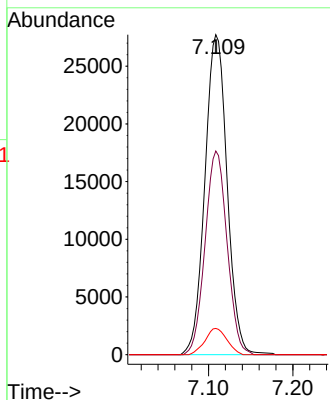
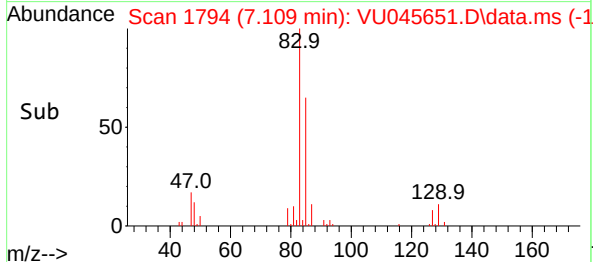
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



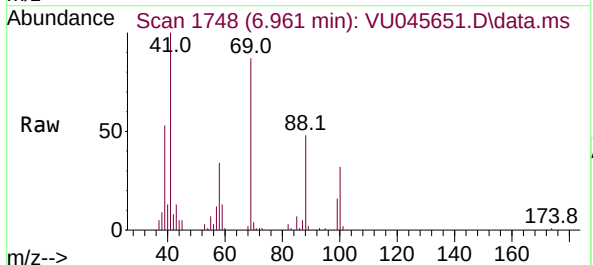
Tgt Ion: 83 Resp: 5092
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.2 6.2 9.2

Manual Integrations
APPROVED

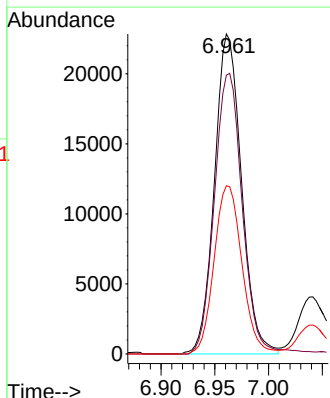
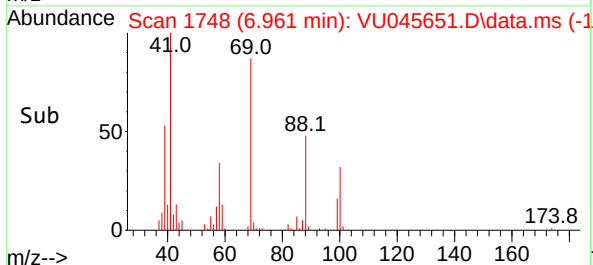
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

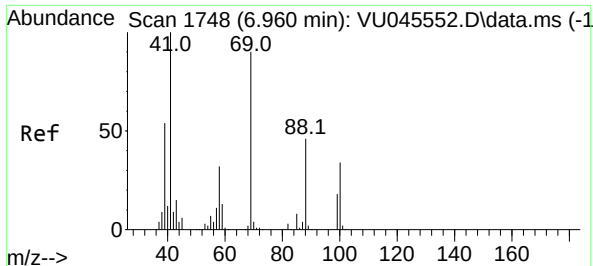


#48
Methyl methacrylate
Concen: 21.016 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



Tgt Ion: 41 Resp: 39997
Ion Ratio Lower Upper
41 100
69 90.8 70.2 105.2
39 54.1 43.9 65.9





#49

1,4-Dioxane

Concen: 451.157 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.004 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

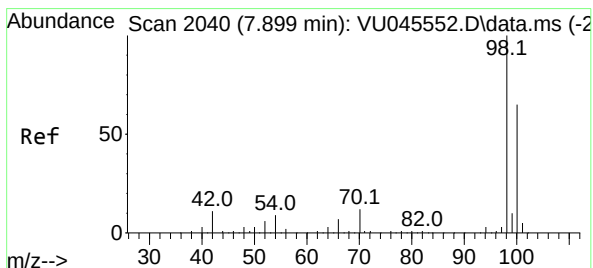
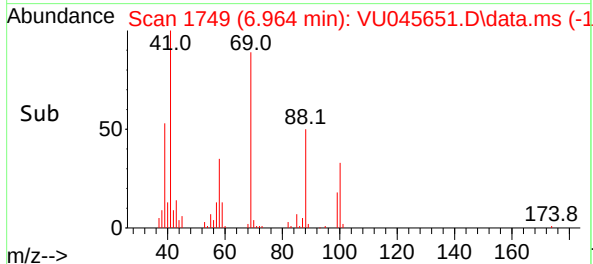
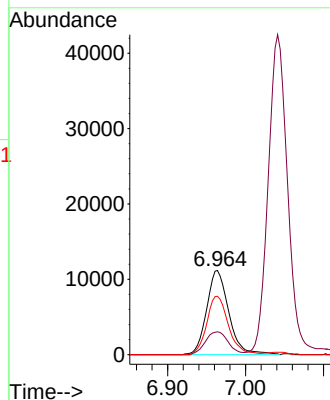
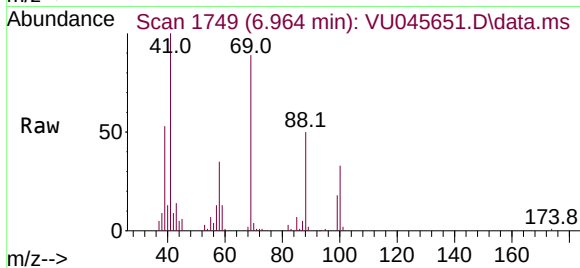
Tgt Ion: 88 Resp: 2208
 Ion Ratio Lower Upper
 88 100
 43 28.0 0.0 0.0
 58 67.7 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 53.115 ug/l

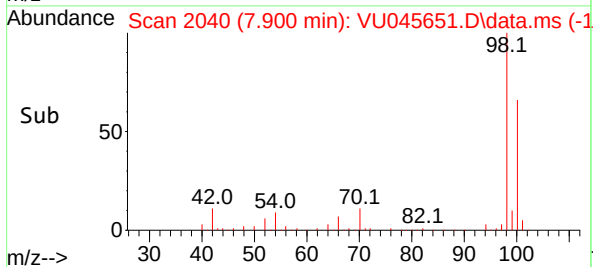
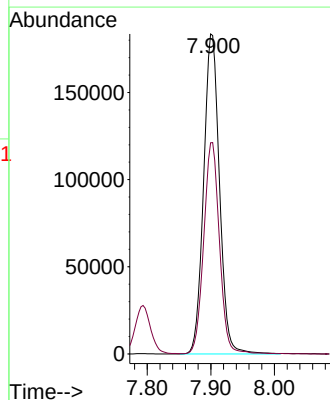
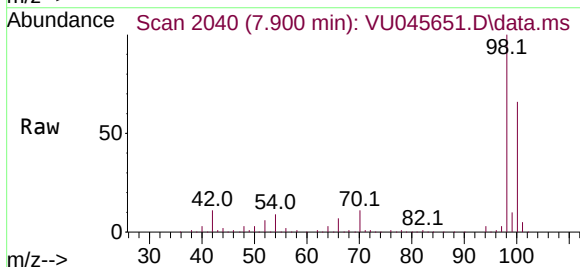
RT: 7.900 min Scan# 2040

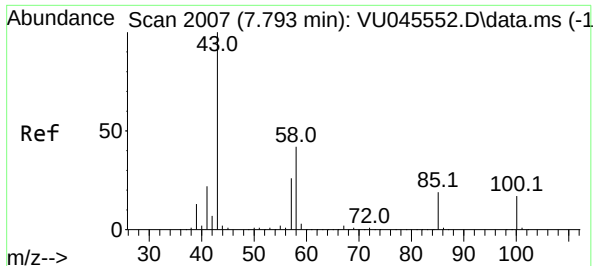
Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Tgt Ion: 98 Resp: 318260
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.5 78.7





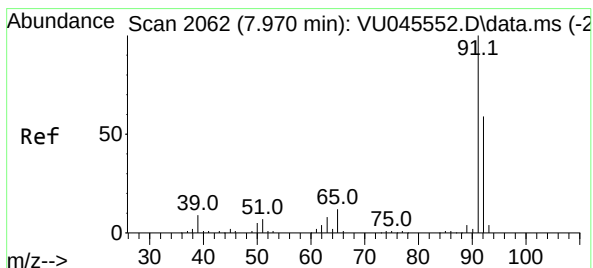
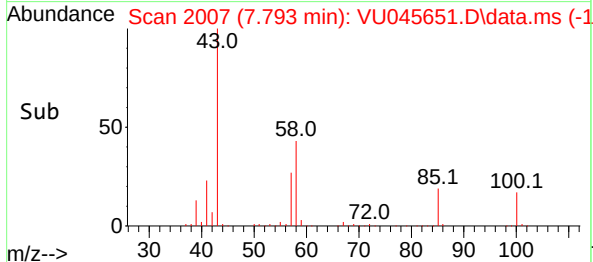
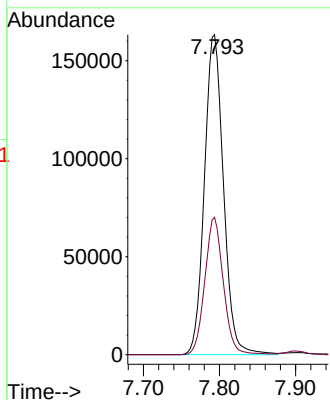
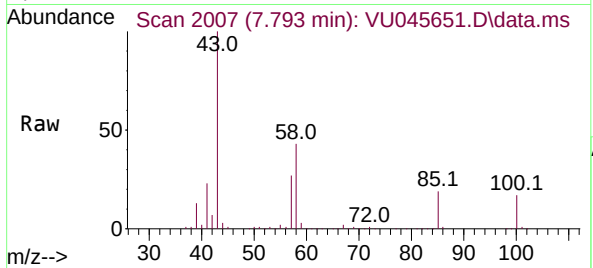
#51
4-Methyl-2-Pentanone
Concen: 104.367 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion: 43 Resp: 28467
Ion Ratio Lower Upper
43 100
58 41.6 33.8 50.8

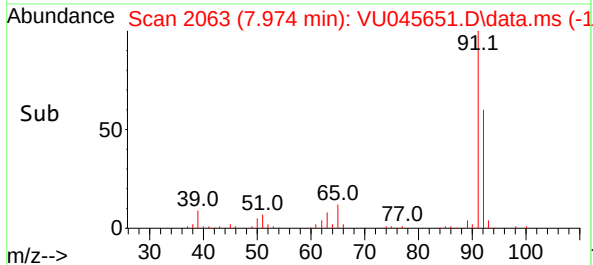
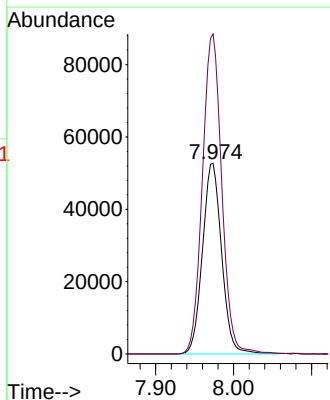
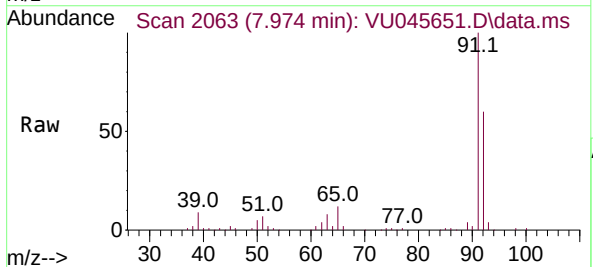
Manual Integrations
APPROVED

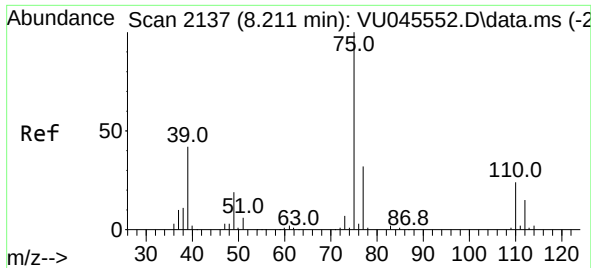
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#52
Toluene
Concen: 21.057 ug/l
RT: 7.974 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion: 92 Resp: 89821
Ion Ratio Lower Upper
92 100
91 170.2 135.6 203.4





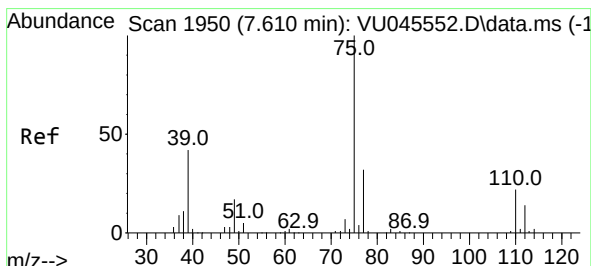
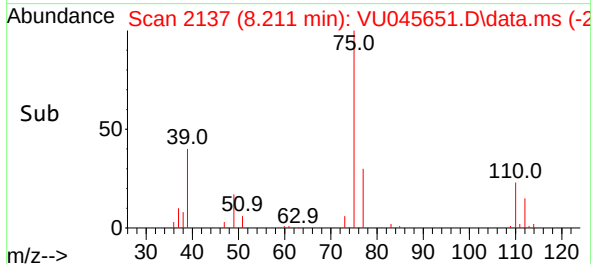
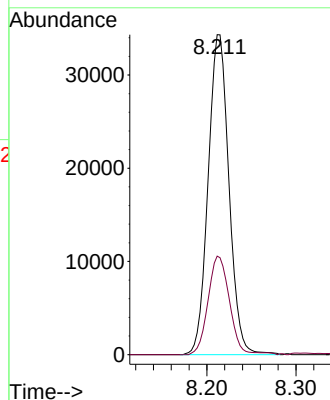
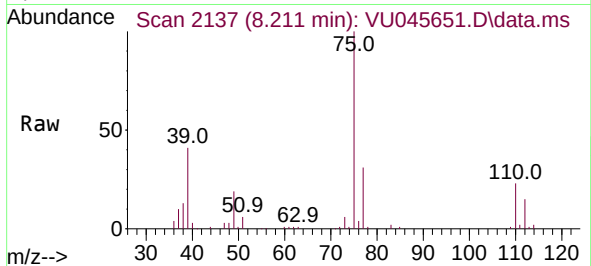
#53
 t-1,3-Dichloropropene
 Concen: 19.998 ug/l
 RT: 8.211 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VU045651.D
 Acq: 09 Nov 2021 12:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBS01

Tgt Ion: 75 Resp: 55708
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.8

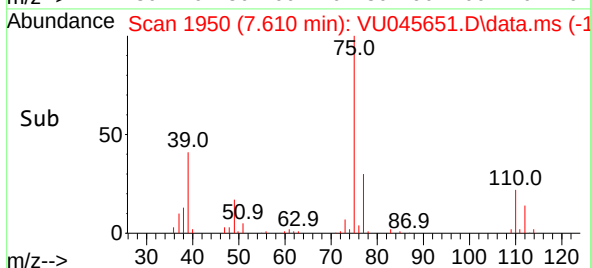
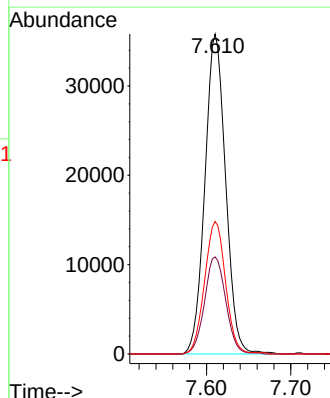
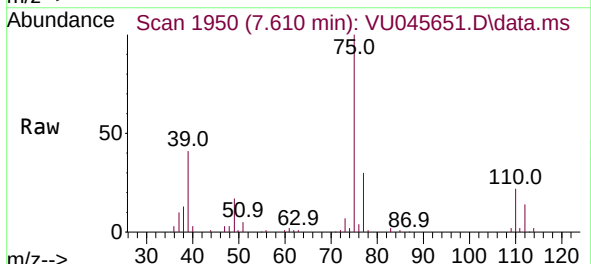
Manual Integrations
 APPROVED

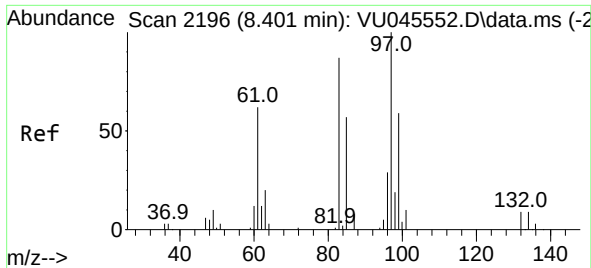
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#54
 cis-1,3-Dichloropropene
 Concen: 20.711 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045651.D
 Acq: 09 Nov 2021 12:22

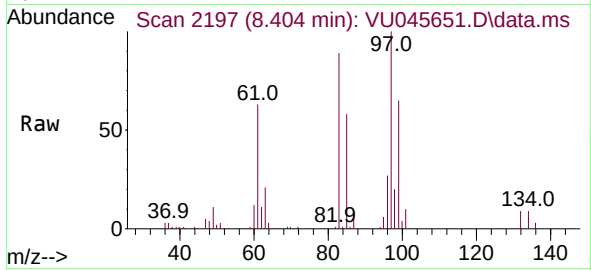
Tgt Ion: 75 Resp: 61277
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.6 37.0
 39 41.4 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 21.177 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

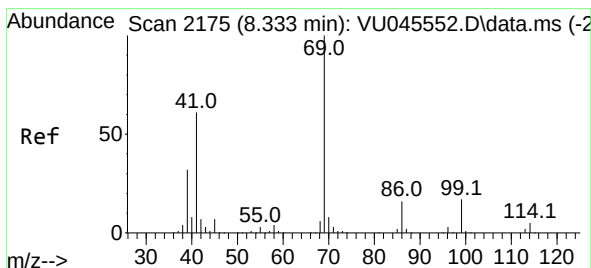
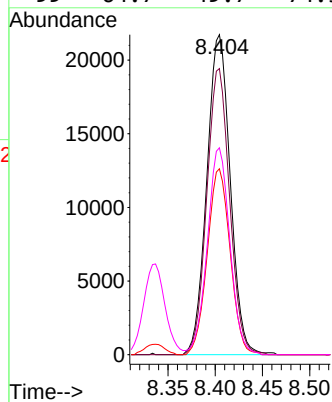
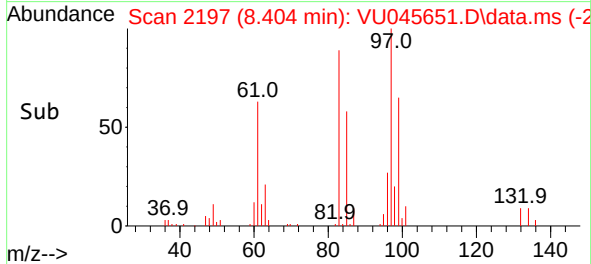
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.3	105.5
85	58.1	45.5	68.3
99	64.7	49.7	74.5

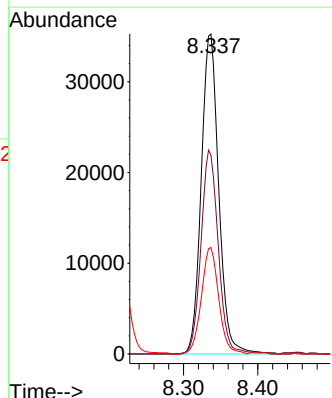
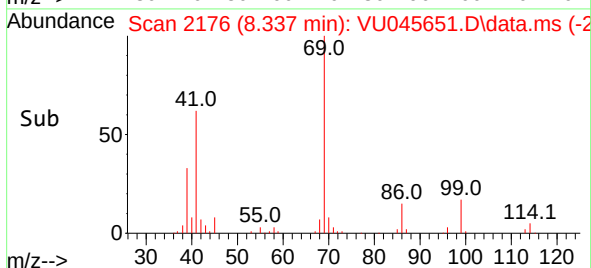
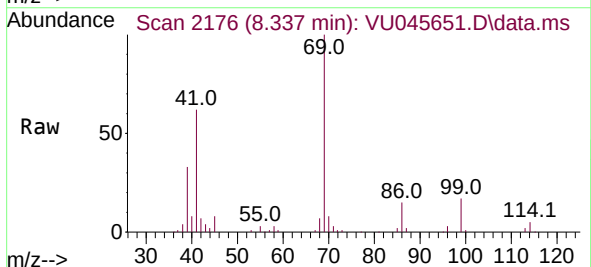
Manual Integrations
APPROVED

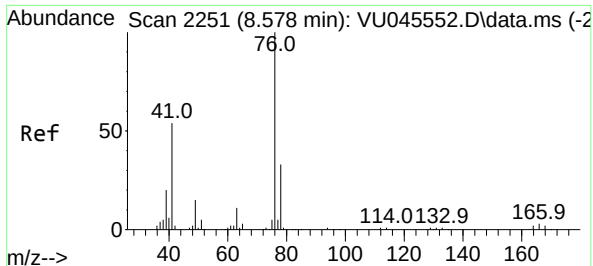
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#56
Ethyl methacrylate
Concen: 19.691 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.8	51.0	76.4
39	33.0	26.6	39.8





#57

1,3-Dichloropropane

Concen: 20.796 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

Tgt Ion: 76 Resp: 66218

Ion Ratio Lower Upper

76 100

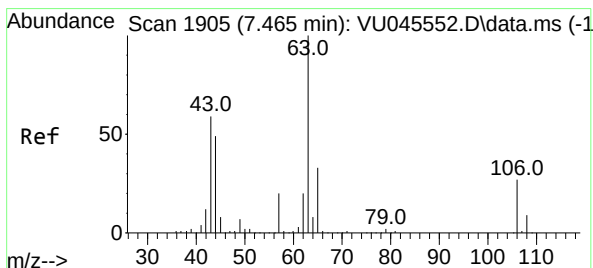
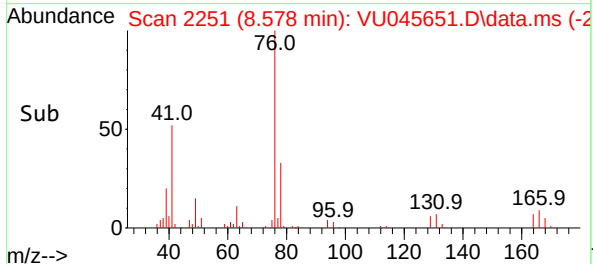
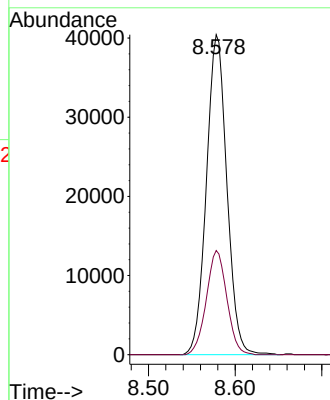
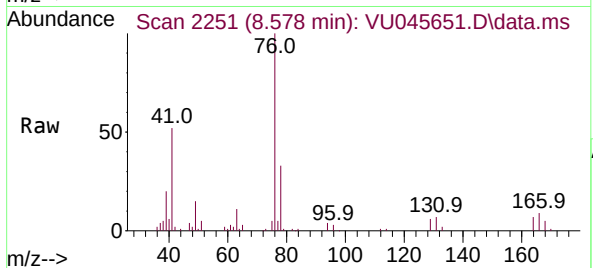
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 78.260 ug/l

RT: 7.466 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045651.D

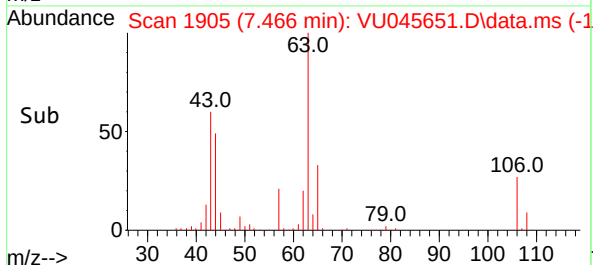
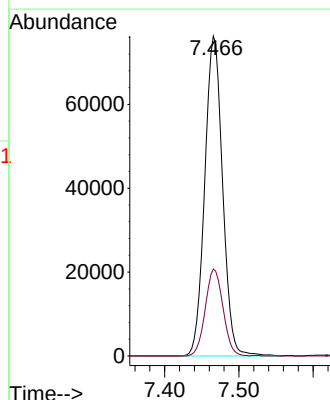
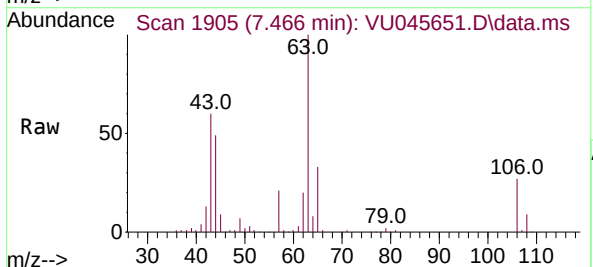
Acq: 09 Nov 2021 12:22

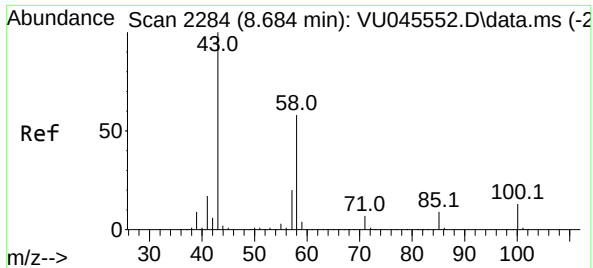
Tgt Ion: 63 Resp: 127376

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.4





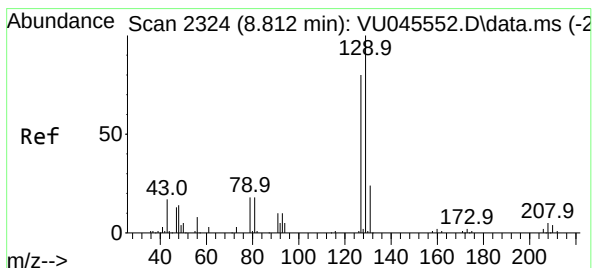
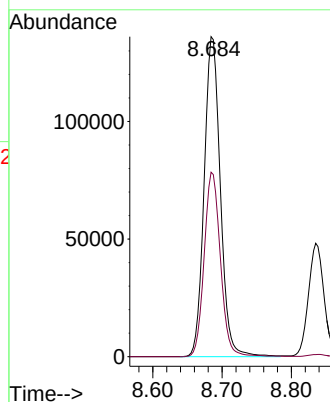
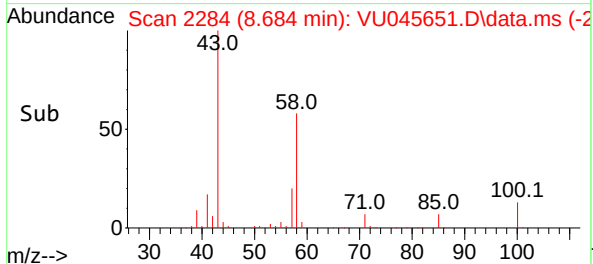
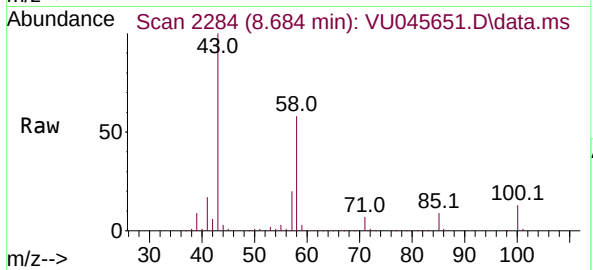
#59
2-Hexanone
Concen: 97.997 ug/l
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion: 43 Resp: 221374
Ion Ratio Lower Upper
43 100
58 57.8 29.5 88.6

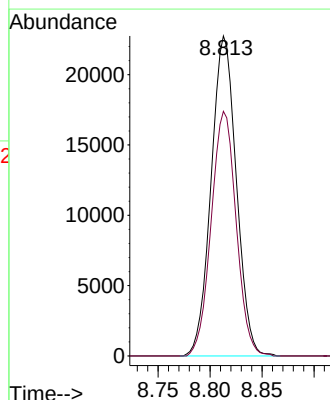
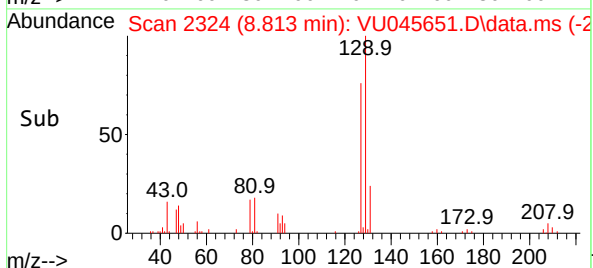
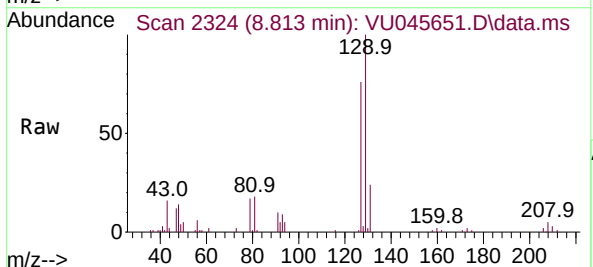
Manual Integrations
APPROVED

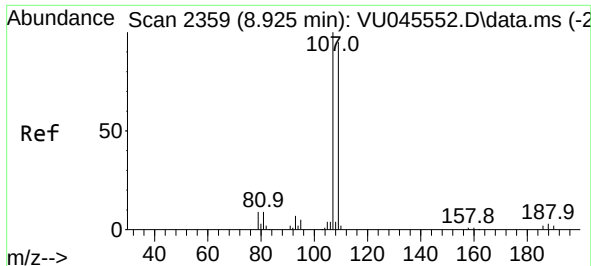
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#60
Dibromochloromethane
Concen: 20.862 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

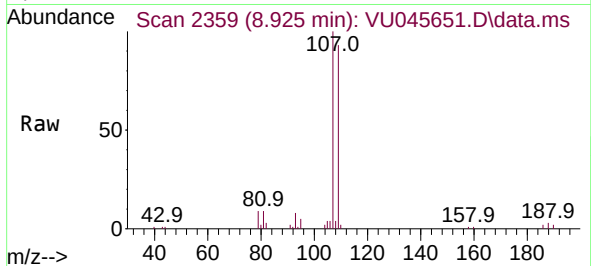
Tgt Ion:129 Resp: 38405
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.3





#61
1,2-Dibromoethane
Concen: 20.827 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

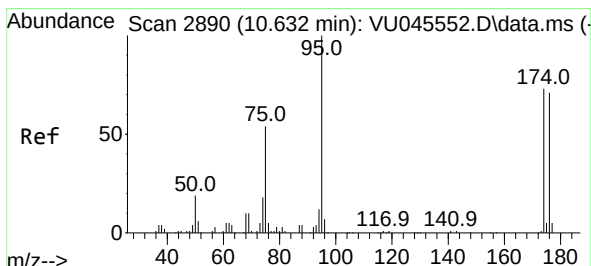
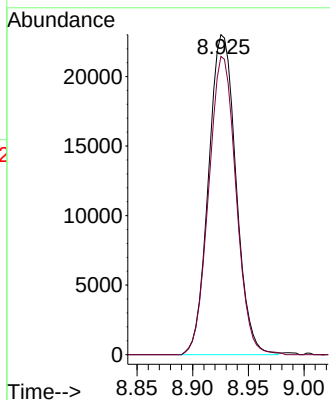
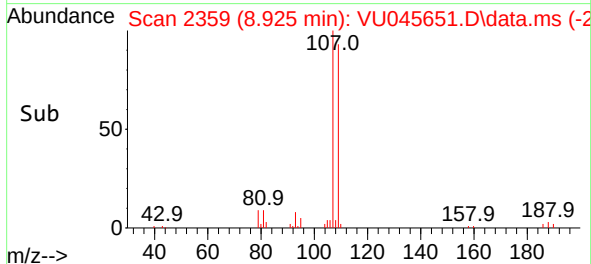
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



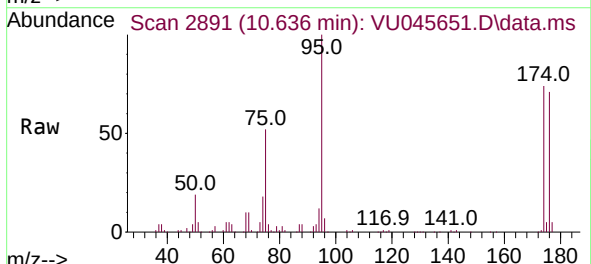
Tgt Ion:107 Resp: 39490
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.8

Manual Integrations
APPROVED

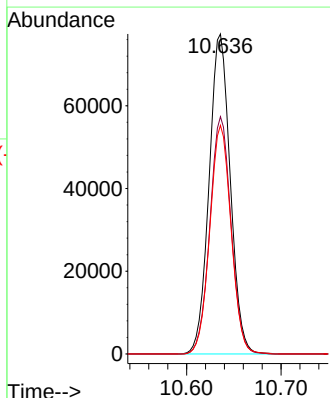
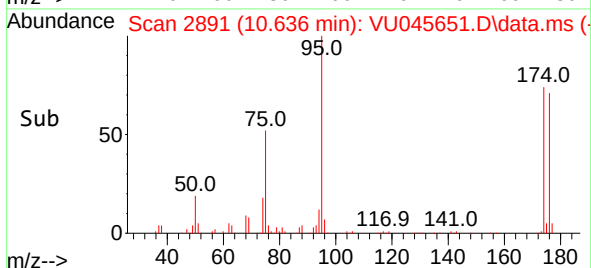
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

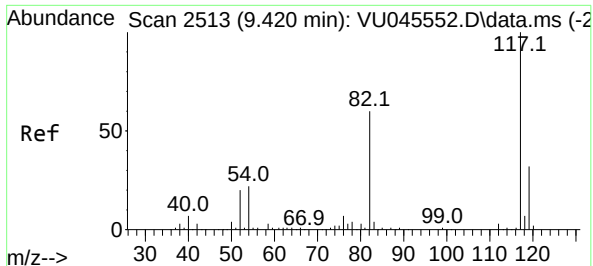


#62
4-Bromofluorobenzene
Concen: 50.013 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



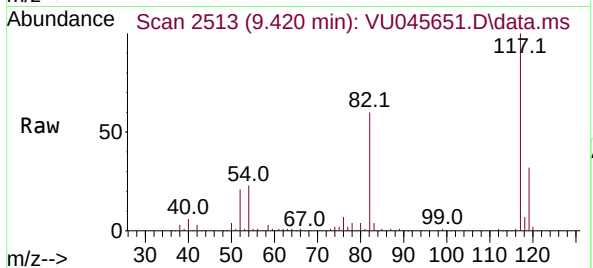
Tgt Ion: 95 Resp: 120168
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.8
176 71.7 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

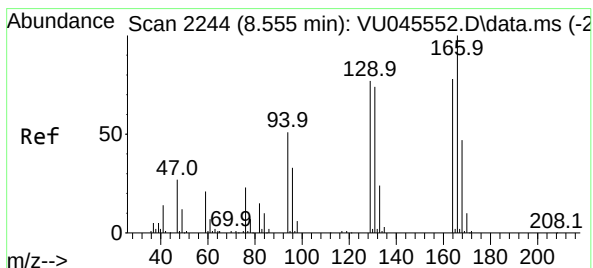
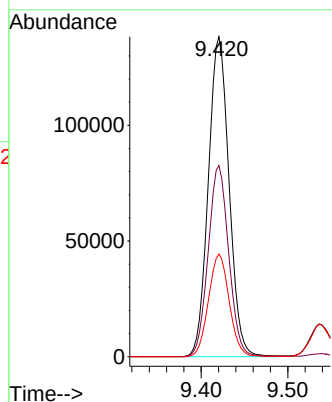
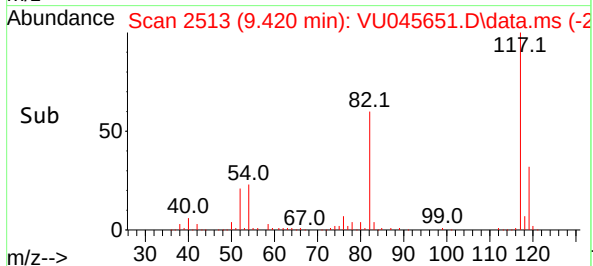
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion:117 Resp: 230118
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.1 25.8 38.8

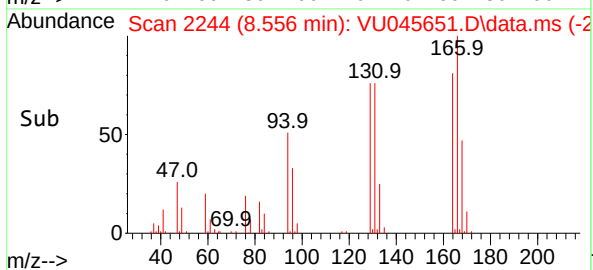
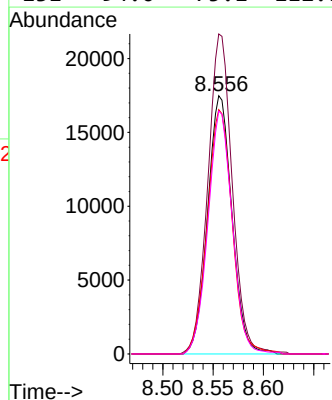
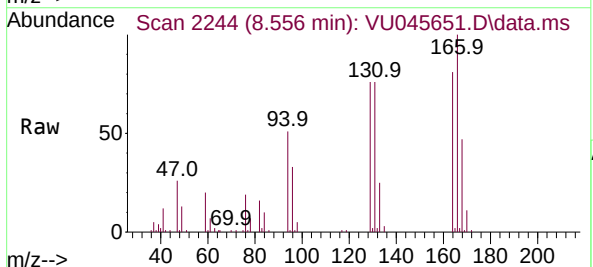
Manual Integrations
APPROVED

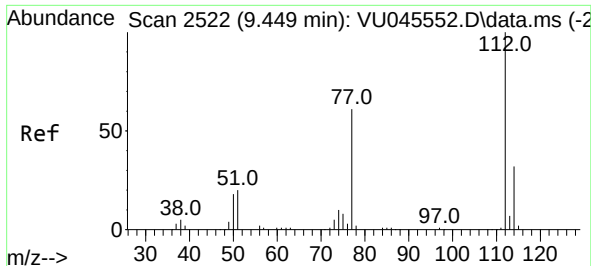
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#64
Tetrachloroethene
Concen: 22.372 ug/l
RT: 8.556 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion:164 Resp: 29548
Ion Ratio Lower Upper
164 100
166 123.9 102.2 153.4
129 94.6 78.2 117.4
131 94.0 75.1 112.7





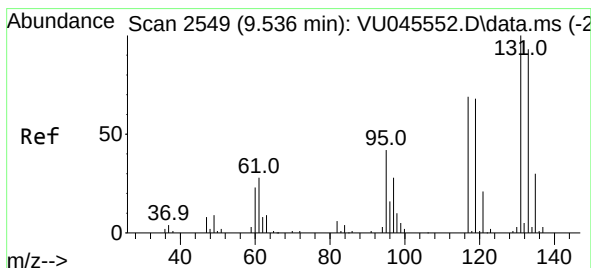
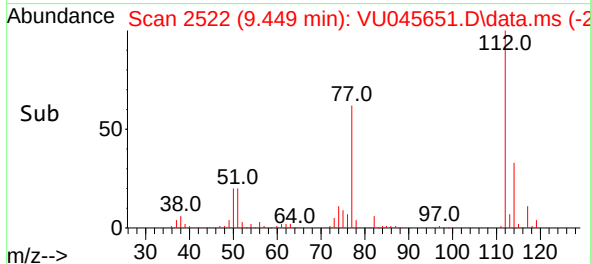
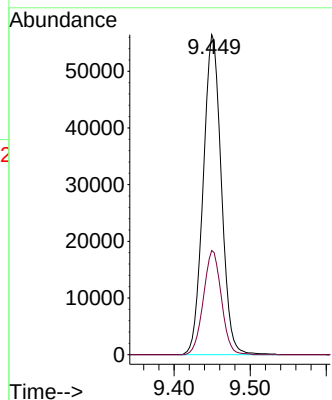
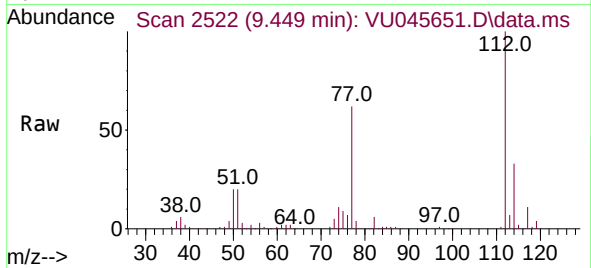
#65
Chlorobenzene
Concen: 20.620 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion:112 Resp: 9320
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

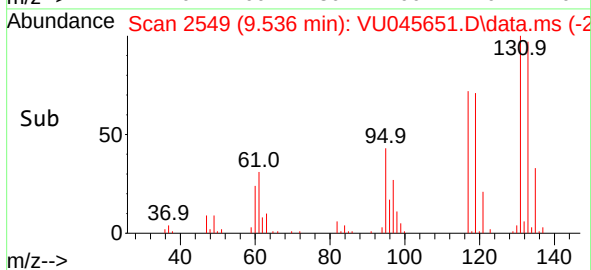
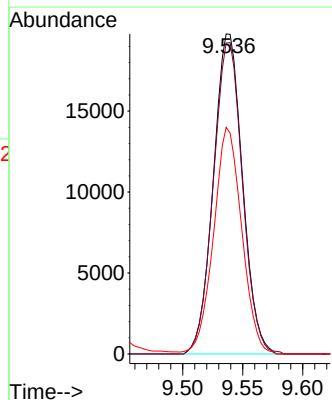
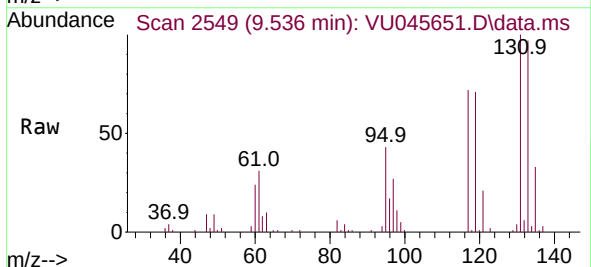
Manual Integrations
APPROVED

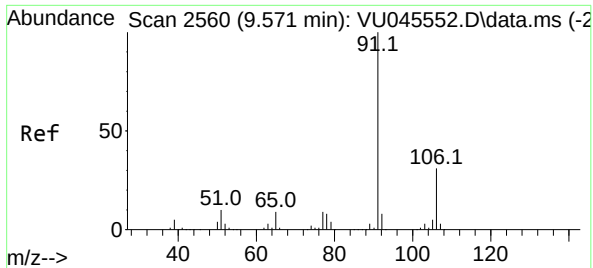
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.674 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Tgt Ion:131 Resp: 33329
Ion Ratio Lower Upper
131 100
133 97.4 47.9 143.6
119 68.6 34.5 103.6





#67

Ethyl Benzene

Concen: 20.998 ug/l

RT: 9.572 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

Tgt Ion: 91 Resp: 169970

Ion Ratio Lower Upper

91 100

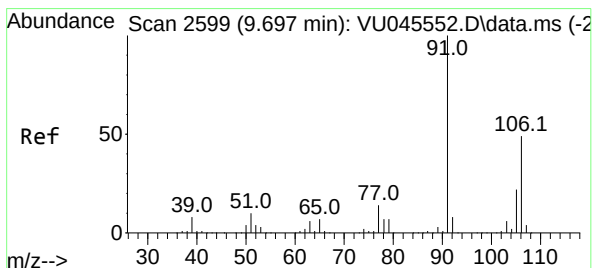
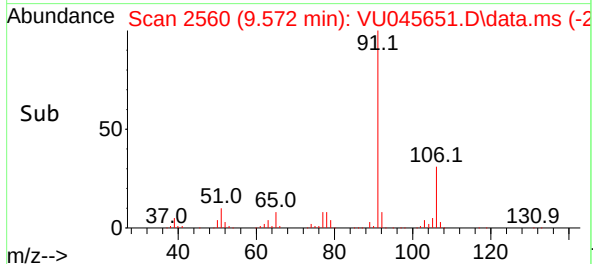
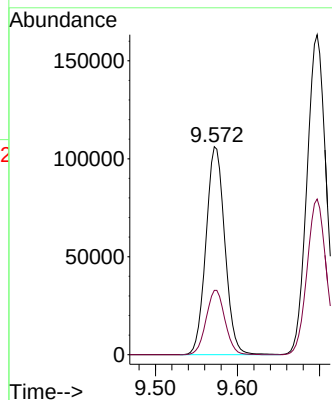
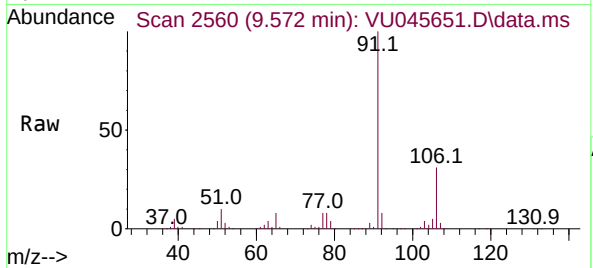
106 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#68

m/p-Xylenes

Concen: 42.543 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045651.D

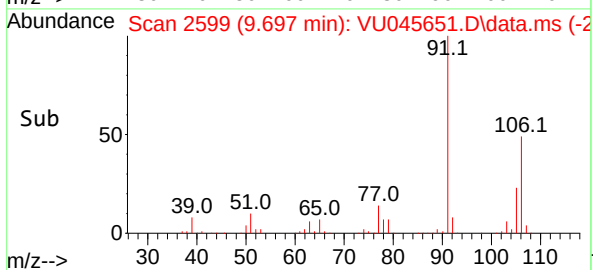
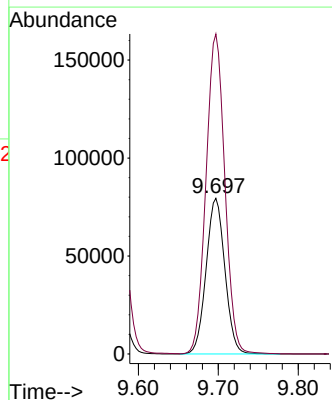
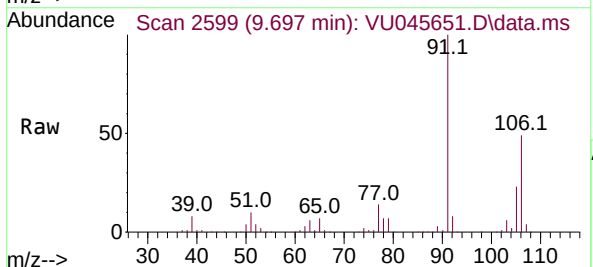
Acq: 09 Nov 2021 12:22

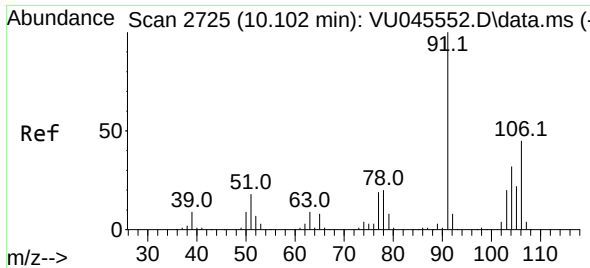
Tgt Ion:106 Resp: 129875

Ion Ratio Lower Upper

106 100

91 206.5 164.7 247.1





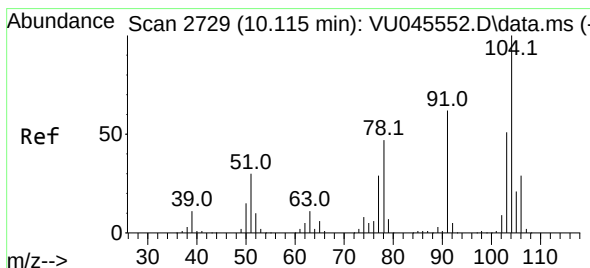
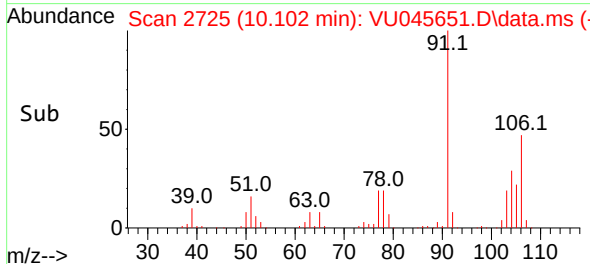
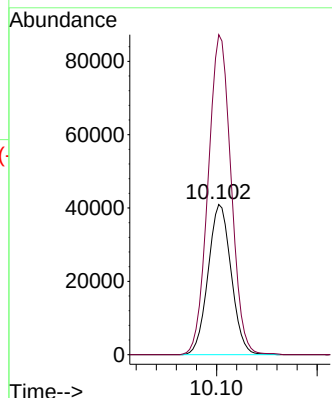
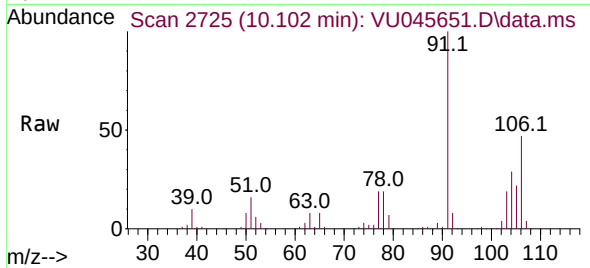
#69
o-Xylene
Concen: 21.970 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01

Tgt Ion:106 Resp: 6520
Ion Ratio Lower Upper
106 100
91 212.3 108.7 326.3

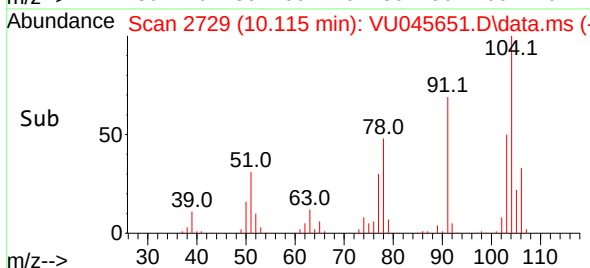
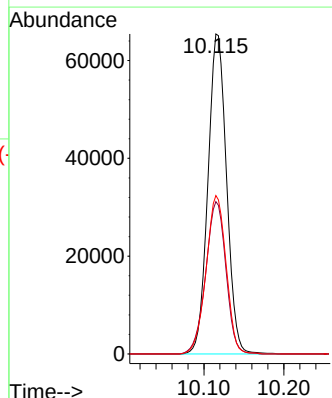
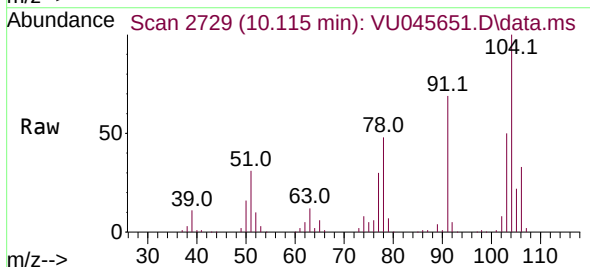
Manual Integrations
APPROVED

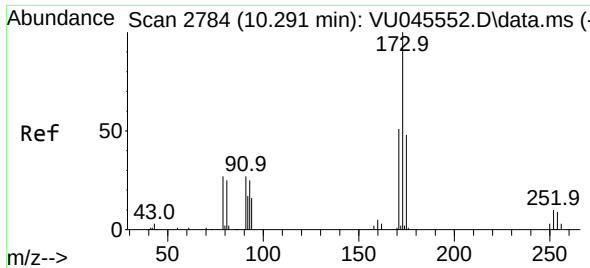
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 21.104 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

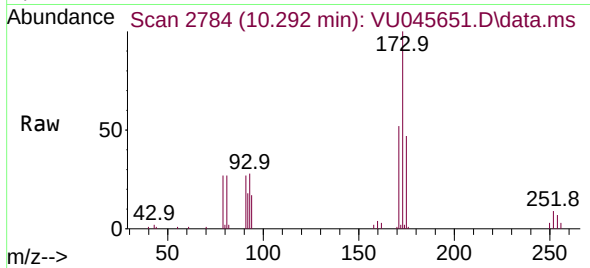
Tgt Ion:104 Resp: 105962
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.6
103 53.3 43.8 65.6





#71
Bromoform
Concen: 19.784 ug/l
RT: 10.292 min Scan# 2715
Delta R.T. 0.001 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

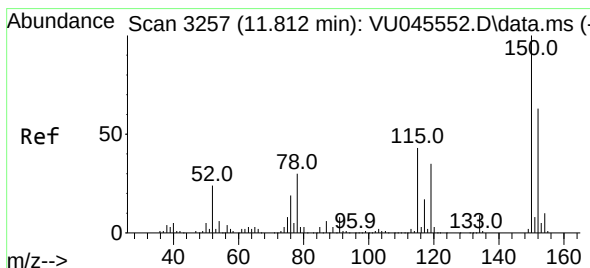
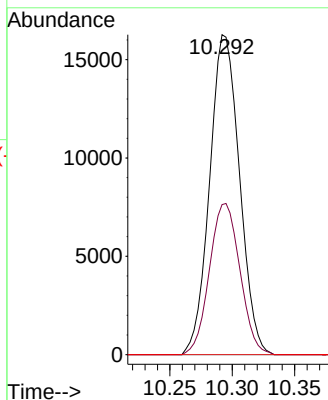
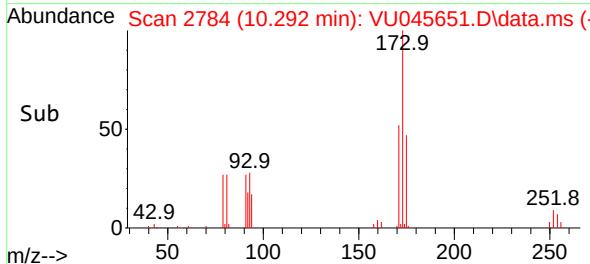
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



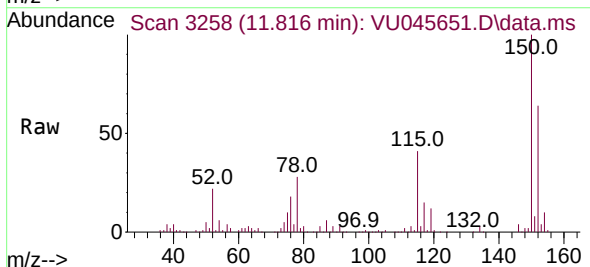
Tgt Ion:173 Resp: 2715
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

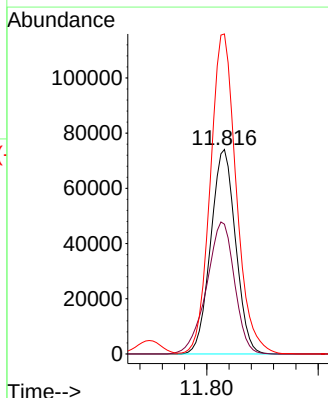
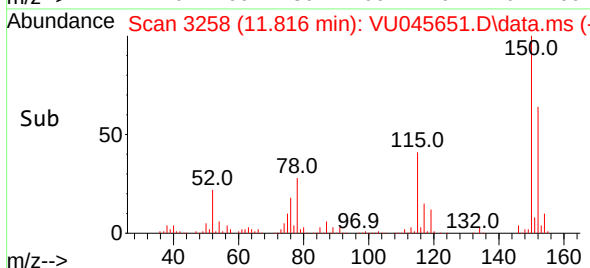
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

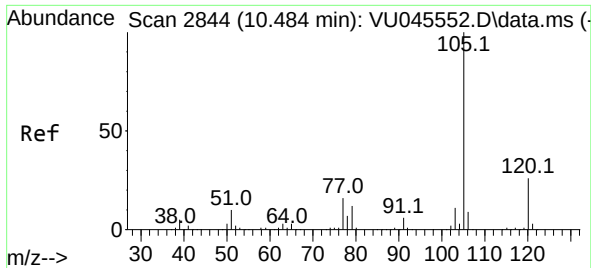


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



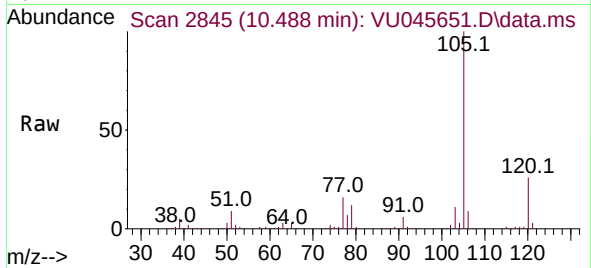
Tgt Ion:152 Resp: 114868
Ion Ratio Lower Upper
152 100
115 72.2 42.7 128.1
150 163.7 0.0 346.8





#73
Isopropylbenzene
Concen: 22.397 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

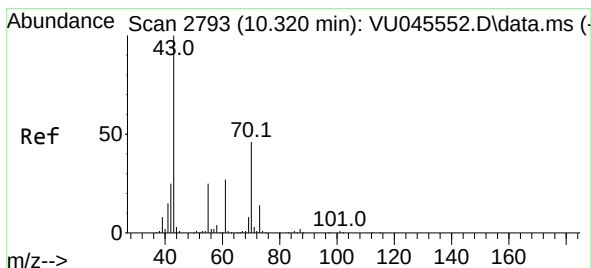
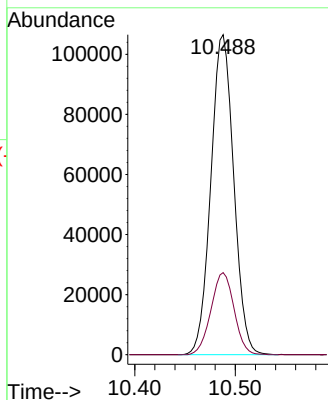
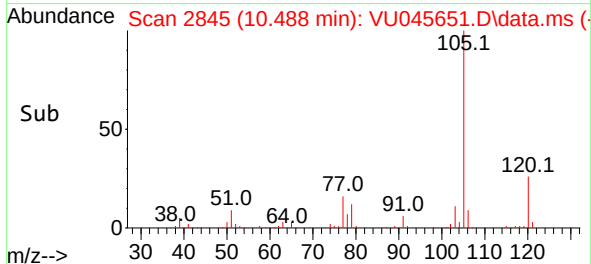
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



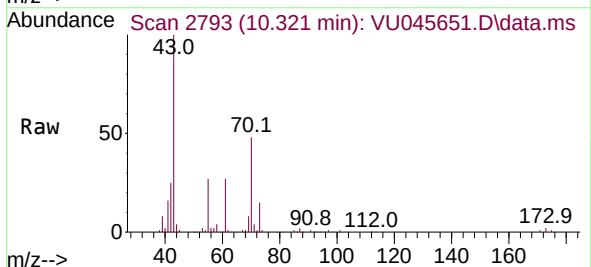
Tgt Ion:105 Resp: 16809
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

Manual Integrations
APPROVED

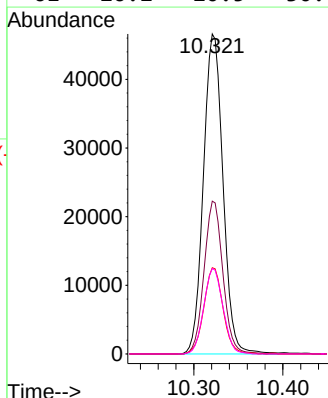
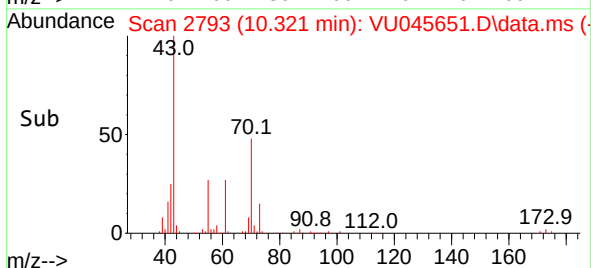
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

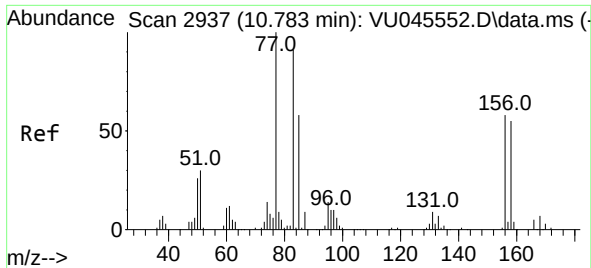


#74
N-ethyl acetate
Concen: 20.981 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



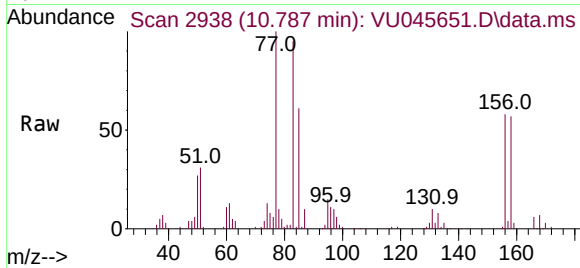
Tgt Ion: 43 Resp: 71037
Ion Ratio Lower Upper
43 100
70 45.9 36.9 55.3
55 26.4 20.6 31.0
61 26.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.242 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

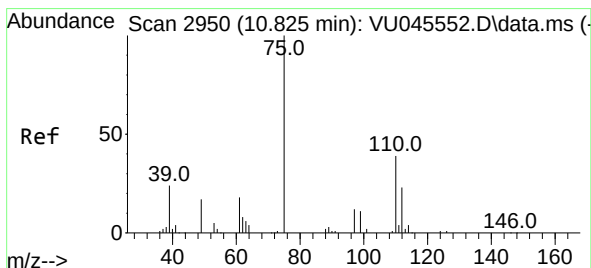
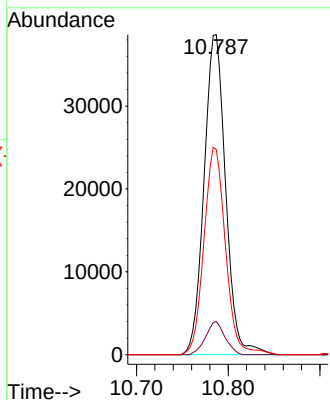
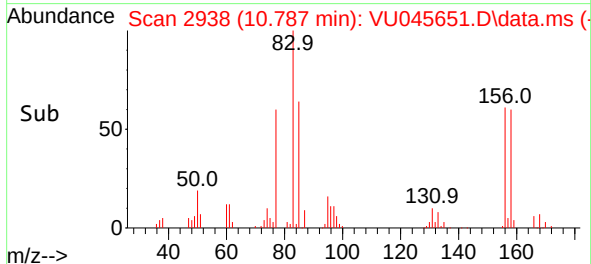
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion: 83 Resp: 63160
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 64.7 31.9 95.9

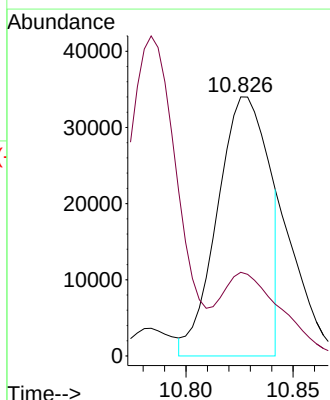
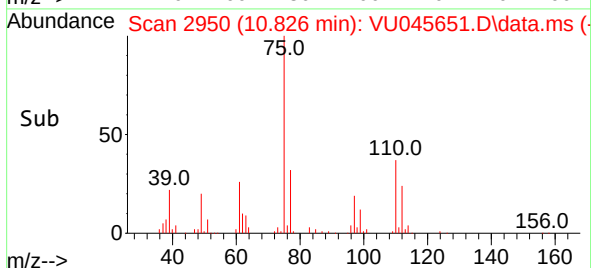
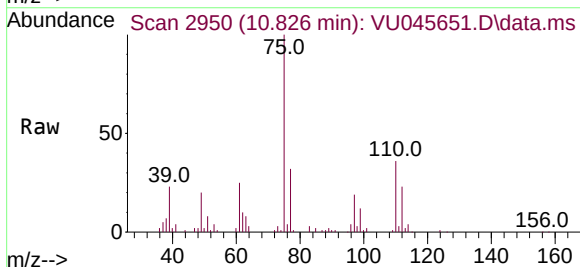
Manual Integrations
APPROVED

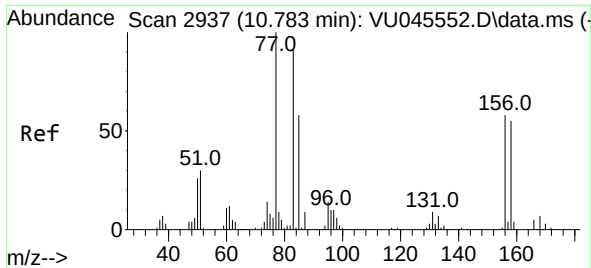
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 16.353 ug/l m
RT: 10.826 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

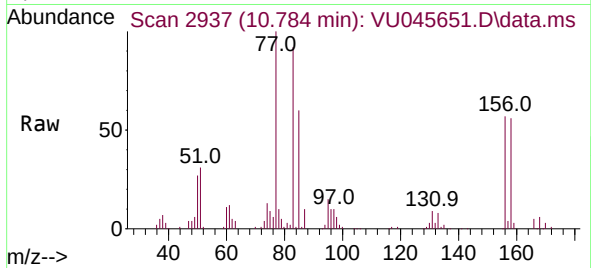
Tgt Ion: 75 Resp: 56966
Ion Ratio Lower Upper
75 100
77 36.5 17.1 51.3





#77
Bromobenzene
Concen: 21.628 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

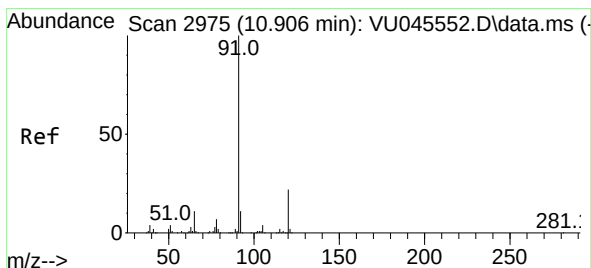
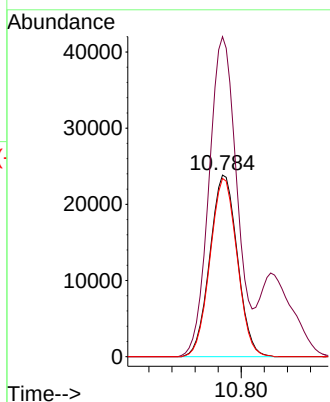
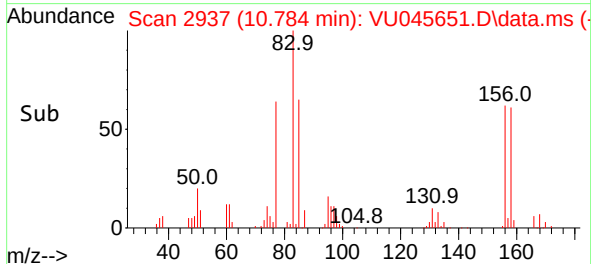
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



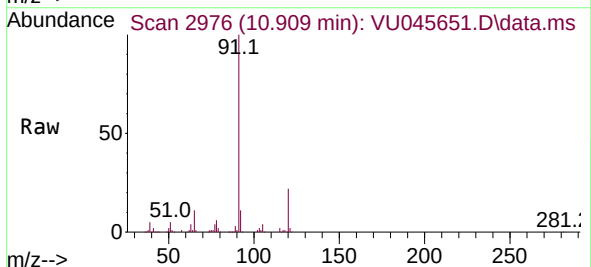
Tgt Ion:156 Resp: 3941
Ion Ratio Lower Upper
156 100
77 177.1 91.1 273.4
158 96.4 47.9 143.6

Manual Integrations
APPROVED

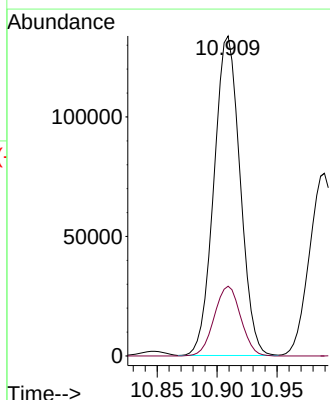
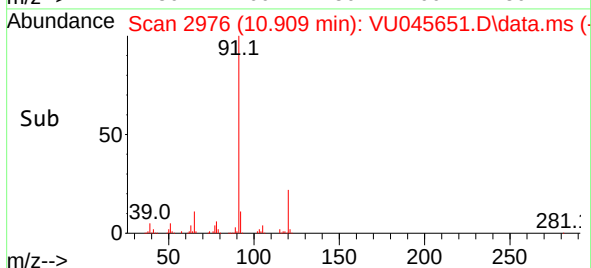
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

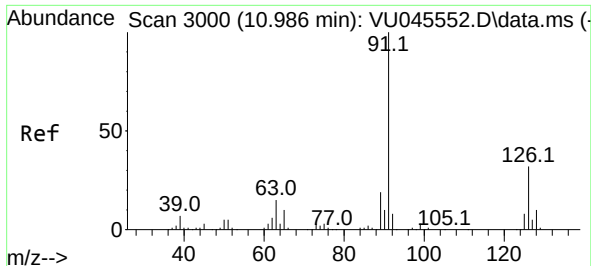


#78
n-propylbenzene
Concen: 21.682 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



Tgt Ion: 91 Resp: 202540
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7





#79

2-Chlorotoluene

Concen: 22.013 ug/l

RT: 10.990 min Scan# 3000

Delta R.T. 0.004 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

Tgt Ion: 91 Resp: 121484

Ion Ratio Lower Upper

91 100

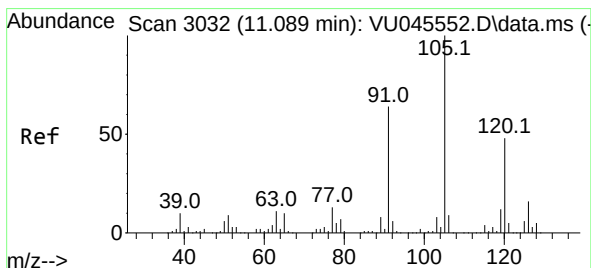
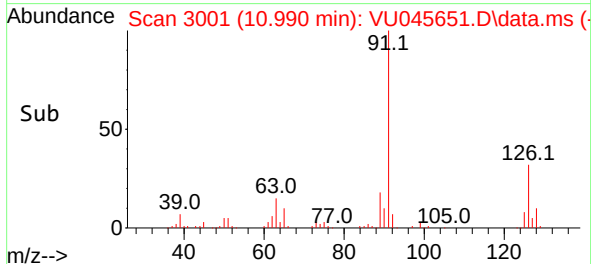
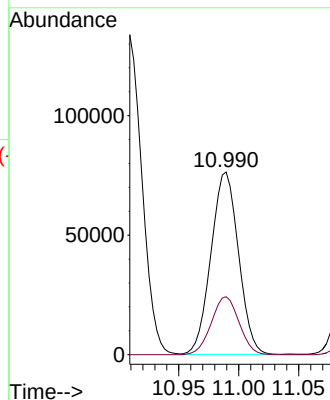
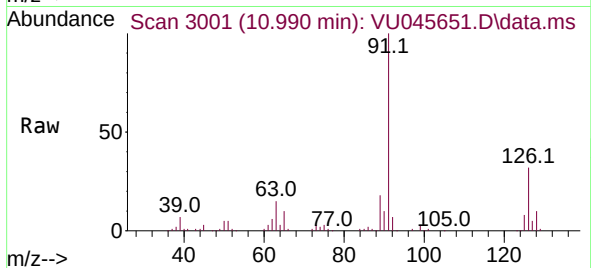
126 32.0 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#80

1,3,5-Trimethylbenzene

Concen: 22.084 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU045651.D

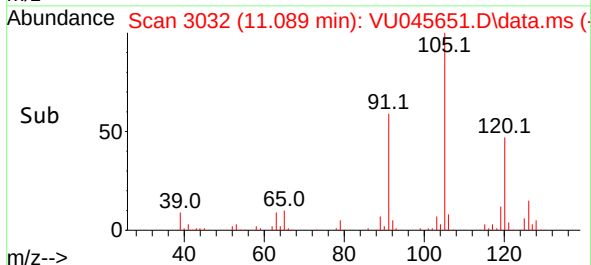
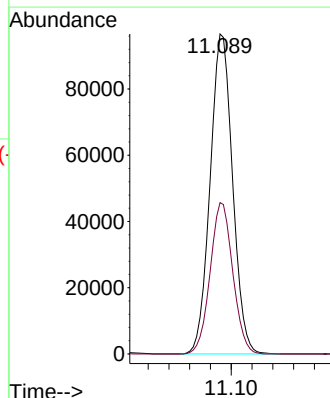
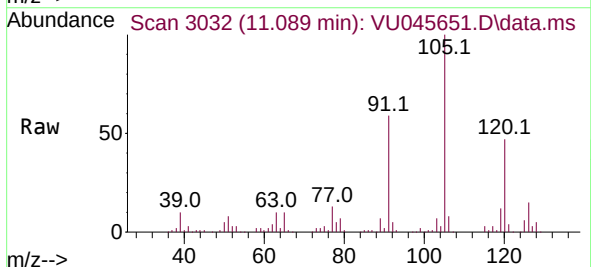
Acq: 09 Nov 2021 12:22

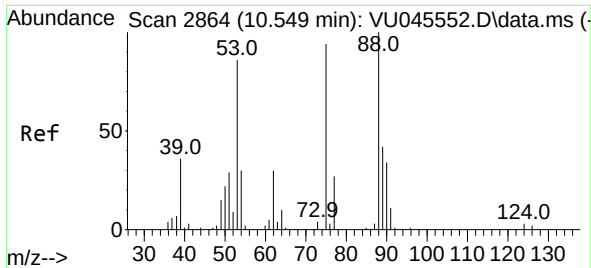
Tgt Ion:105 Resp: 144819

Ion Ratio Lower Upper

105 100

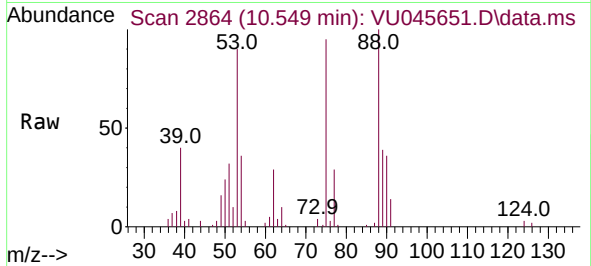
120 47.7 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.863 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

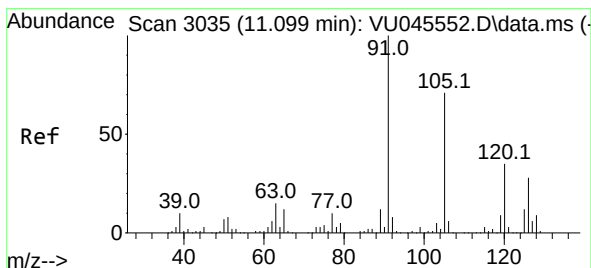
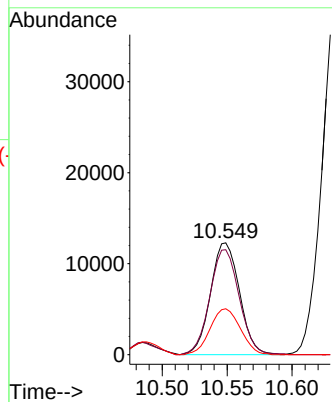
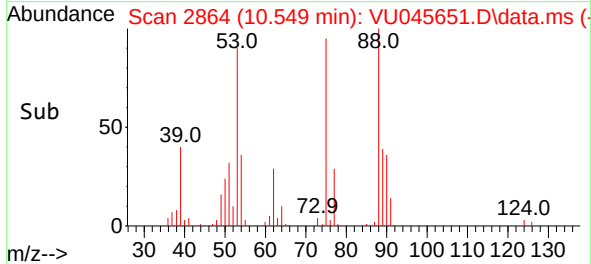
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion: 75 Resp: 1908
Ion Ratio Lower Upper
75 100
53 95.5 76.2 114.4
89 43.0 34.0 51.0

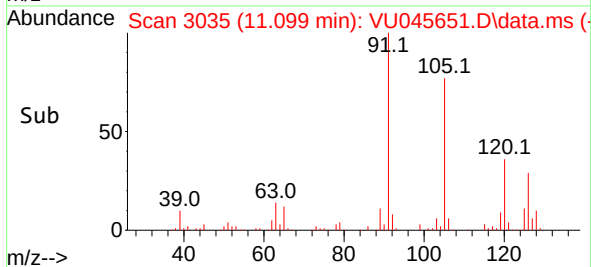
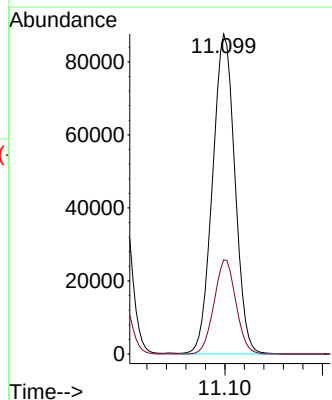
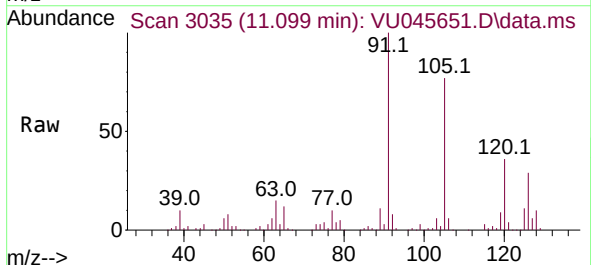
Manual Integrations
APPROVED

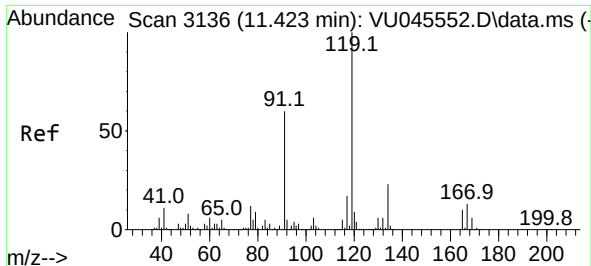
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 21.588 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

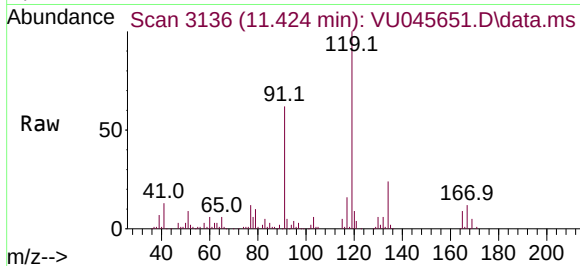
Tgt Ion: 91 Resp: 139723
Ion Ratio Lower Upper
91 100
126 28.7 13.8 41.4





#83
tert-Butylbenzene
Concen: 22.123 ug/l
RT: 11.424 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

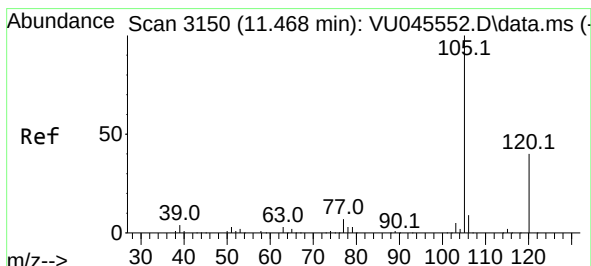
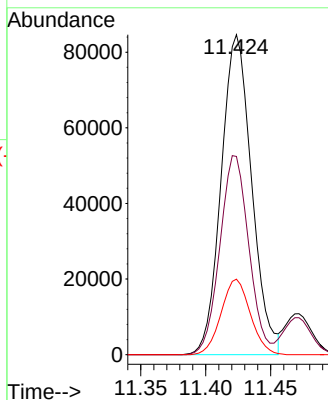
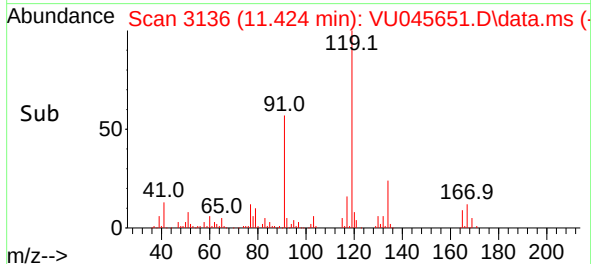
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion:119 Resp: 138288
Ion Ratio Lower Upper
119 100
91 58.9 30.5 91.5
134 22.6 11.5 34.5

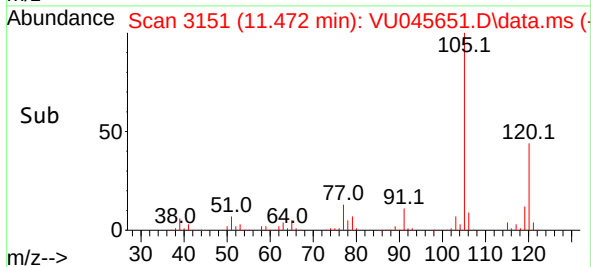
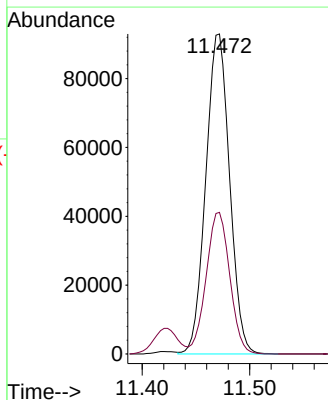
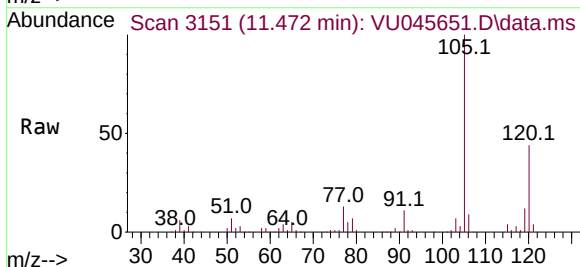
Manual Integrations
APPROVED

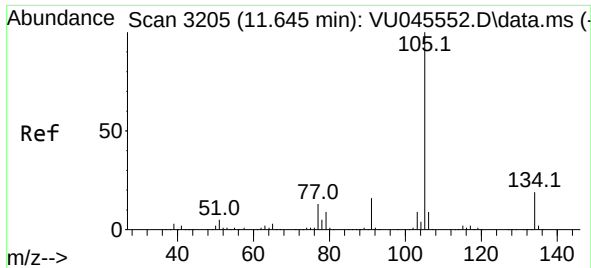
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#84
1,2,4-Trimethylbenzene
Concen: 21.936 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

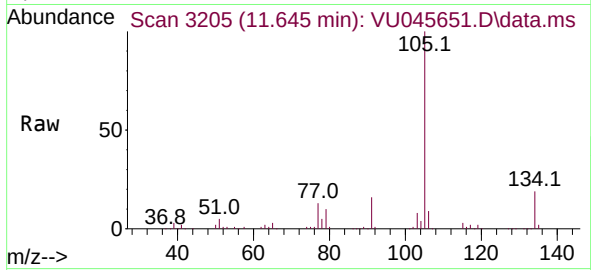
Tgt Ion:105 Resp: 142964
Ion Ratio Lower Upper
105 100
120 43.9 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 21.919 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045651.D
 Acq: 09 Nov 2021 12:22

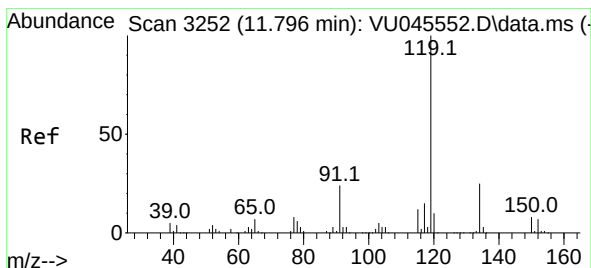
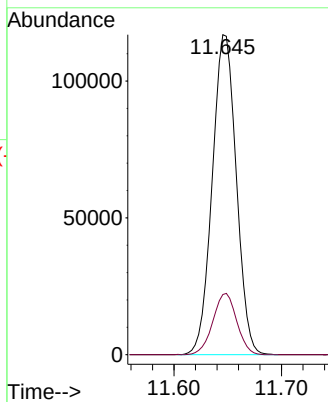
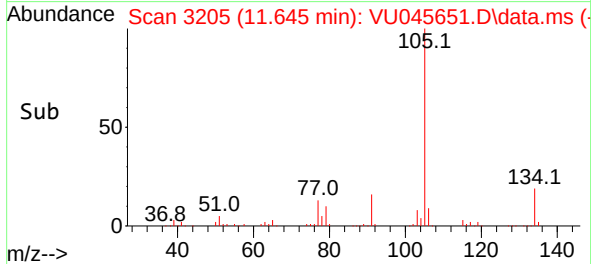
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBS01



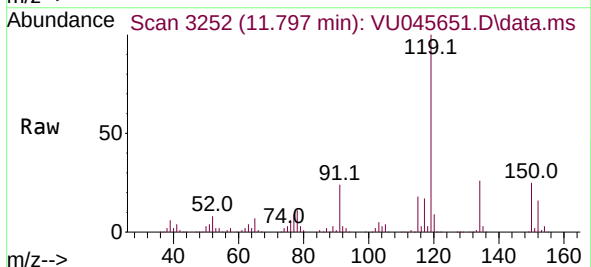
Tgt Ion:105 Resp: 18171
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.3

Manual Integrations
 APPROVED

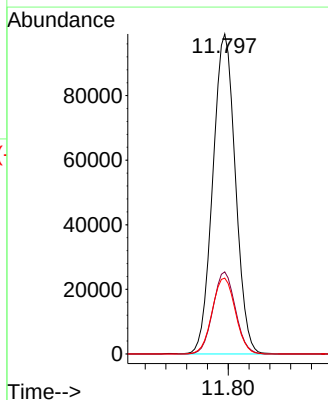
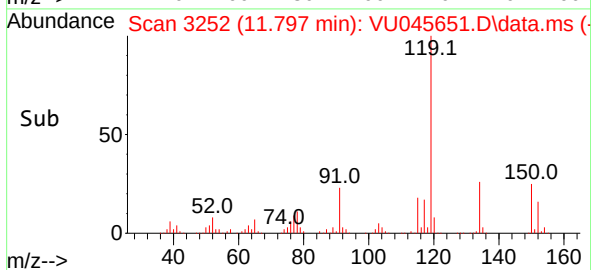
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

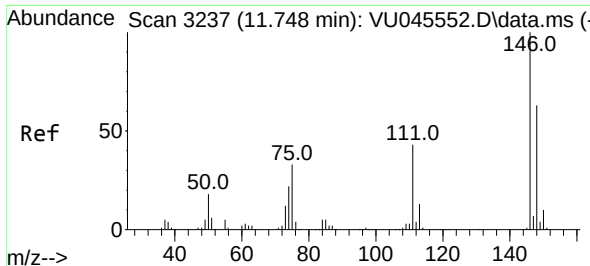


#86
 p-Isopropyltoluene
 Concen: 21.579 ug/l
 RT: 11.797 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045651.D
 Acq: 09 Nov 2021 12:22



Tgt Ion:119 Resp: 149491
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 24.4 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.540 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBS01

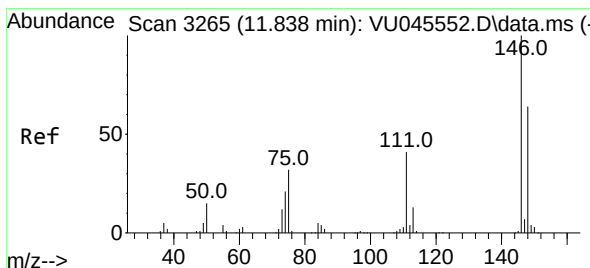
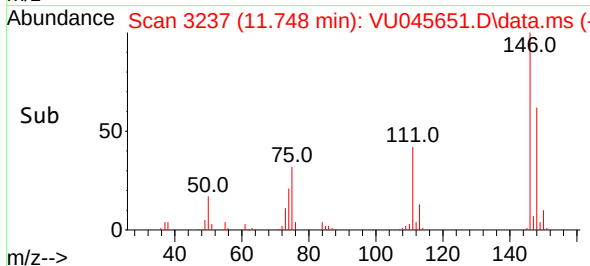
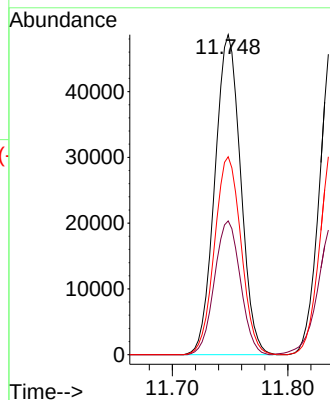
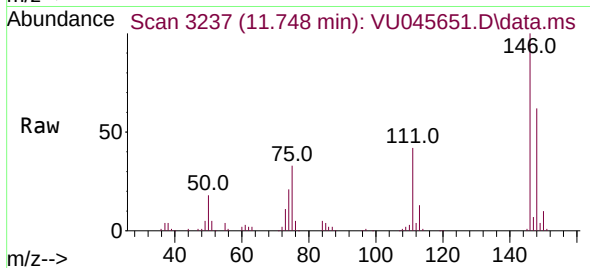
Tgt Ion:146 Resp: 75520
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.9
 148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#88

1,4-Dichlorobenzene

Concen: 20.200 ug/l

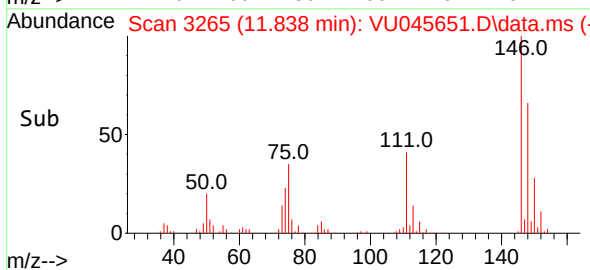
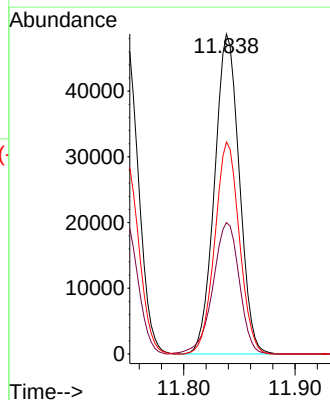
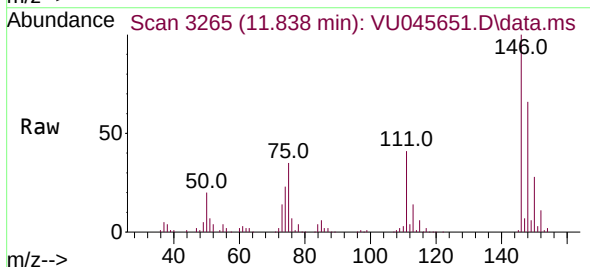
RT: 11.838 min Scan# 3265

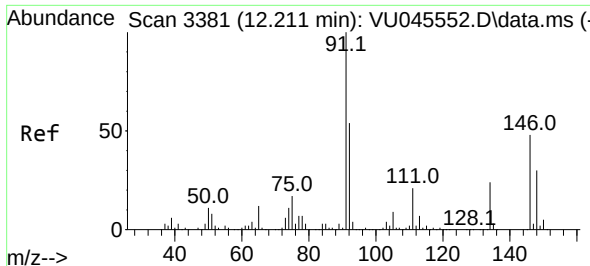
Delta R.T. 0.000 min

Lab File: VU045651.D

Acq: 09 Nov 2021 12:22

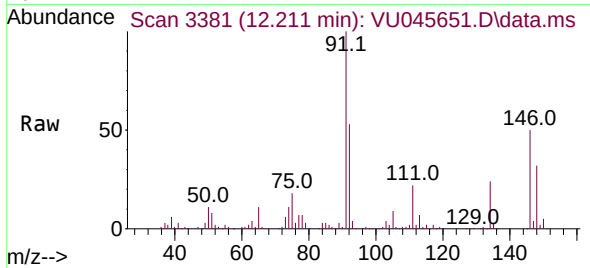
Tgt Ion:146 Resp: 75116
 Ion Ratio Lower Upper
 146 100
 111 43.8 20.6 61.9
 148 66.0 31.9 95.7





#89
n-Butylbenzene
Concen: 20.182 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

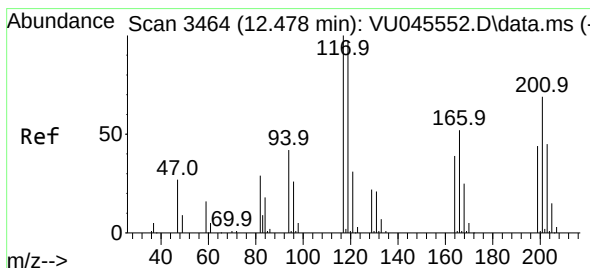
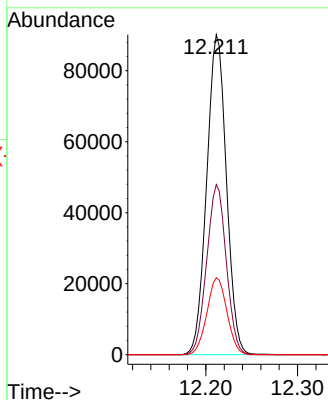
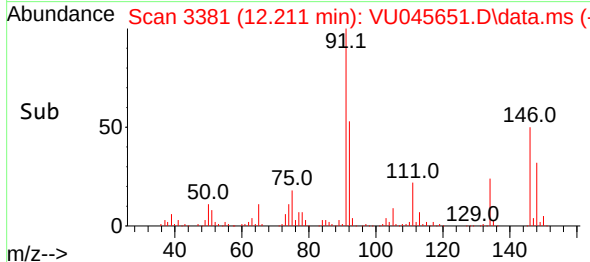
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



Tgt Ion: 91 Resp: 134680
Ion Ratio Lower Upper
91 100
92 52.9 27.1 81.2
134 24.4 11.8 35.4

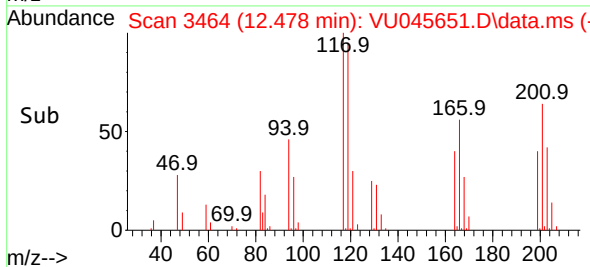
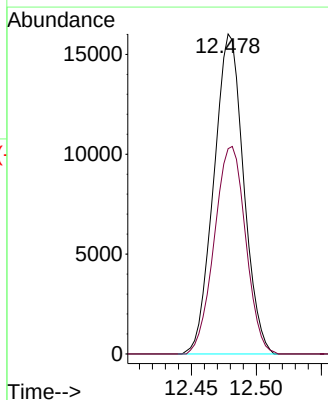
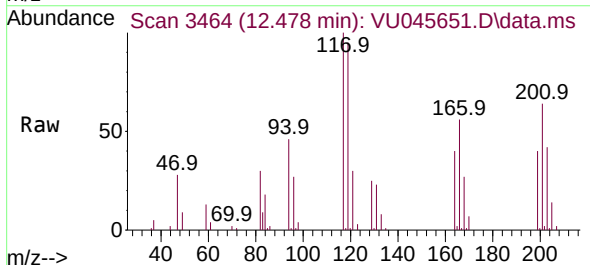
Manual Integrations
APPROVED

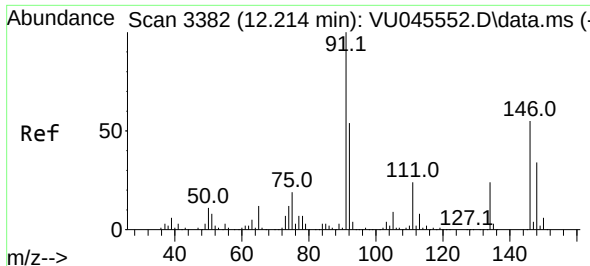
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 20.471 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

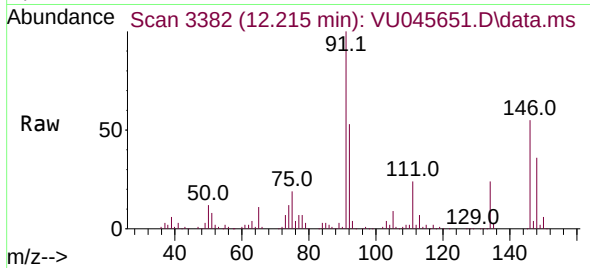
Tgt Ion:117 Resp: 25583
Ion Ratio Lower Upper
117 100
201 68.0 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 21.134 ug/l
RT: 12.215 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

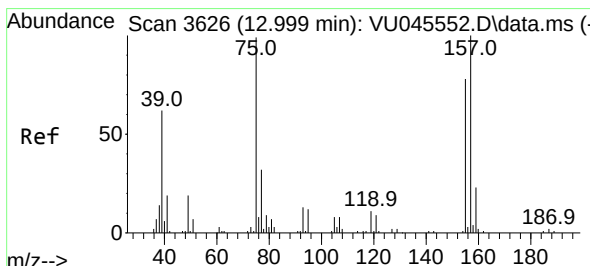
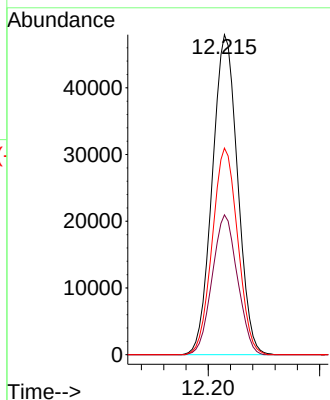
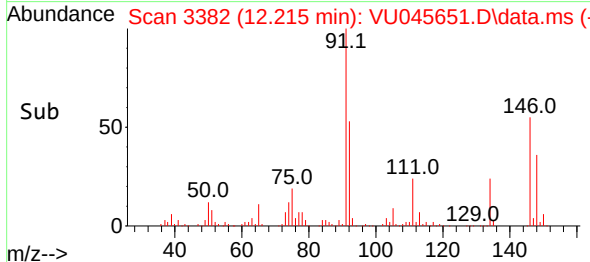
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



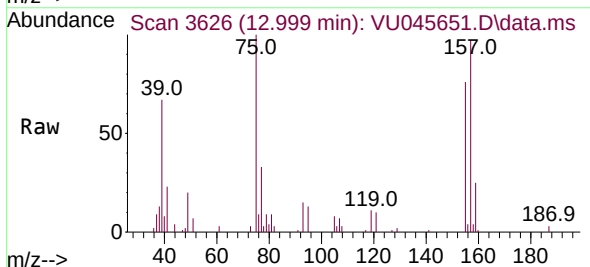
Tgt Ion:146 Resp: 75600
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.5
148 65.1 32.1 96.3

Manual Integrations
APPROVED

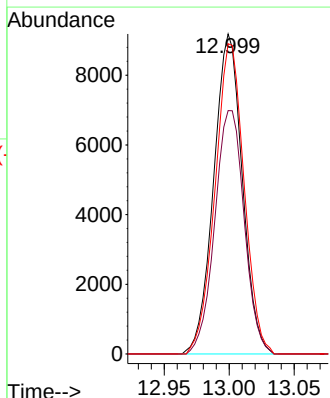
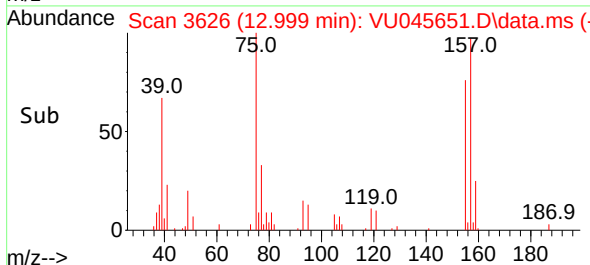
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

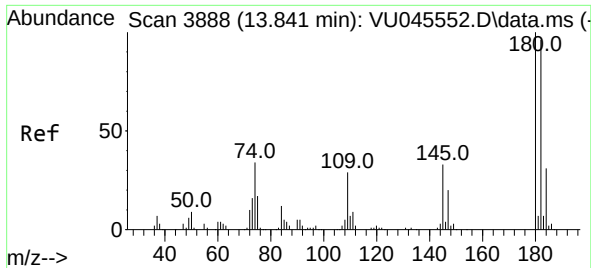


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.003 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



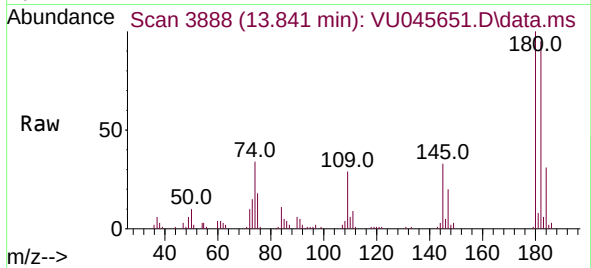
Tgt Ion: 75 Resp: 14035
Ion Ratio Lower Upper
75 100
155 78.3 37.8 113.3
157 98.5 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 19.306 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

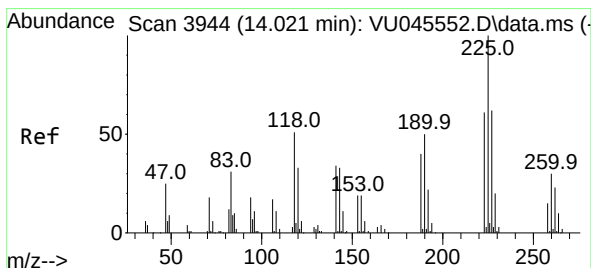
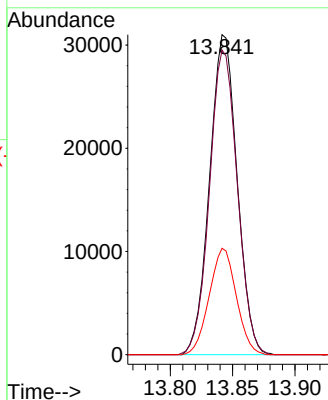
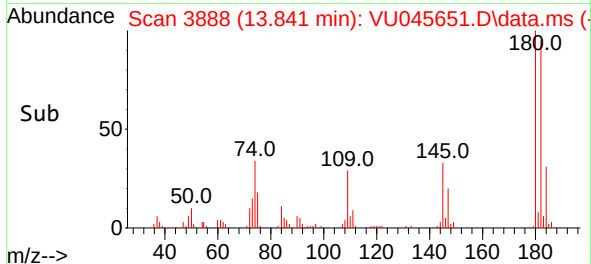
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



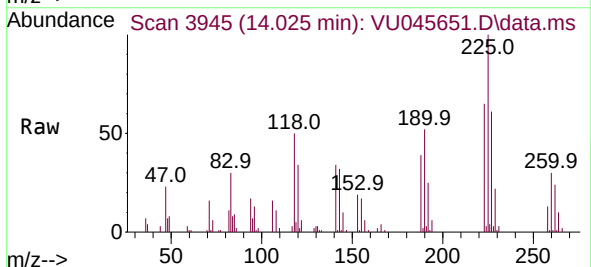
Tgt Ion:180 Resp: 47749
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.2
145 32.7 15.6 46.7

Manual Integrations
APPROVED

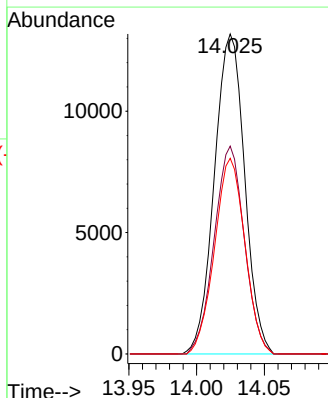
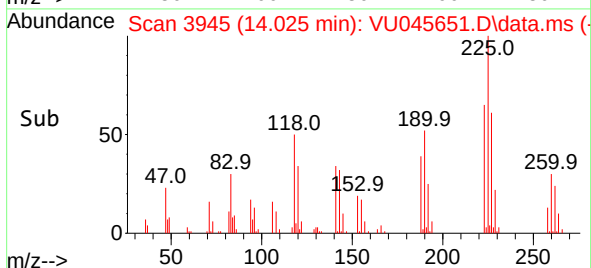
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

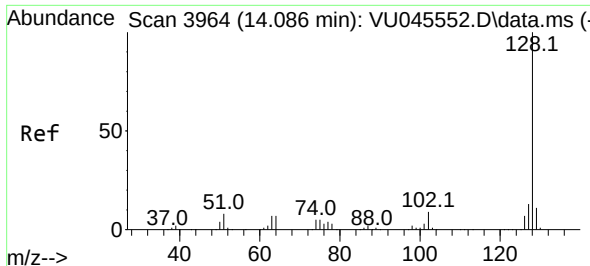


#94
Hexachlorobutadiene
Concen: 19.177 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



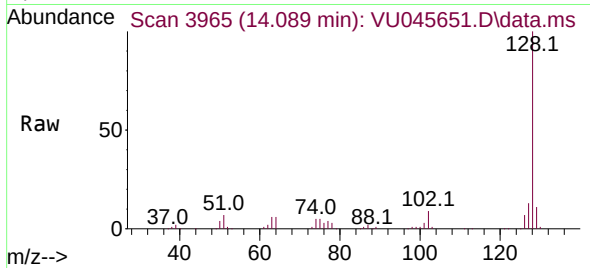
Tgt Ion:225 Resp: 20474
Ion Ratio Lower Upper
225 100
223 64.6 32.0 96.2
227 61.3 31.1 93.5





#95
Naphthalene
Concen: 19.550 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22

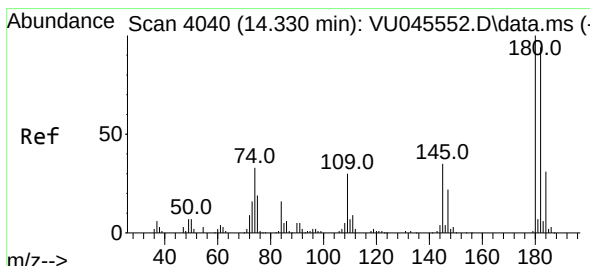
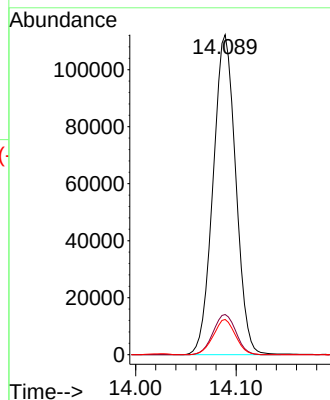
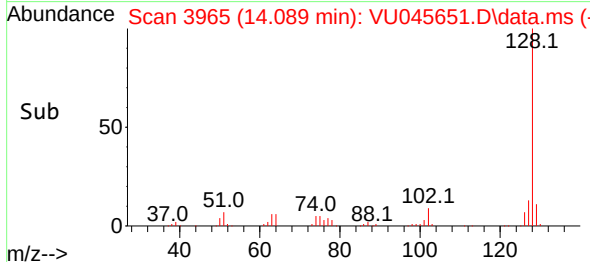
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBS01



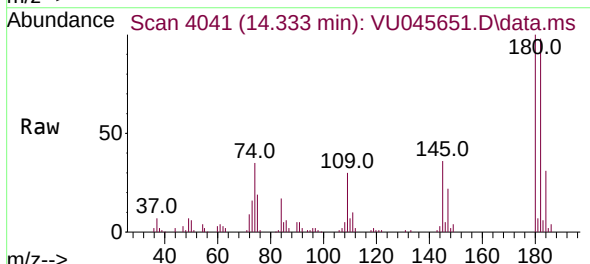
Tgt Ion:128 Resp: 175831
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.958 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.004 min
Lab File: VU045651.D
Acq: 09 Nov 2021 12:22



Tgt Ion:180 Resp: 49031
Ion Ratio Lower Upper
180 100
182 98.1 47.7 143.1
145 34.3 16.7 50.0

