

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045605.D
 Acq On : 08 Nov 2021 11:19
 Operator : SY/MD
 Sample : VU1108MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 08 14:58:06 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	5.378	168	124520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	222417	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	214591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	108945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	101101	54.215	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.420%			
35) Dibromofluoromethane	5.292	113	76675	51.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.260%			
50) Toluene-d8	7.902	98	292602	52.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.980%			
62) 4-Bromofluorobenzene	10.635	95	113128	51.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	34589	21.424	ug/l	98
3) Chloromethane	1.523	50	38074	20.611	ug/l	99
4) Vinyl Chloride	1.604	62	37489	20.834	ug/l	99
5) Bromomethane	1.854	94	23783	23.696	ug/l	98
6) Chloroethane	1.935	64	23539	20.045	ug/l	99
7) Trichlorofluoromethane	2.141	101	50370	21.168	ug/l	99
8) Diethyl Ether	2.379	74	20188	21.433	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	29409	21.166	ug/l	97
10) Methyl Iodide	2.726	142	32444	17.843	ug/l	93
11) Tert butyl alcohol	3.173	59	39835	107.922	ug/l	99
12) 1,1-Dichloroethene	2.581	96	27103	19.784	ug/l	99
13) Acrolein	2.485	56	4914	91.870	ug/l	96
14) Allyl chloride	2.925	41	51558	21.077	ug/l	98
15) Acrylonitrile	3.314	53	108275	109.870	ug/l	97
16) Acetone	2.623	43	104825	110.425	ug/l	99
17) Carbon Disulfide	2.797	76	75953	19.794	ug/l	99
18) Methyl Acetate	2.948	43	69455	21.481	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	105441	21.382	ug/l	99
20) Methylene Chloride	3.051	84	33805	20.494	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	30205	21.193	ug/l	94
22) Diisopropyl ether	3.996	45	105743	22.016	ug/l	94
23) Vinyl Acetate	3.957	43	407831	110.402	ug/l	99
24) 1,1-Dichloroethane	3.874	63	61064	21.335	ug/l	98
25) 2-Butanone	4.703	43	147549	112.066	ug/l	99
26) 2,2-Dichloropropane	4.671	77	49089	20.698	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	36304	21.688	ug/l	99
28) Bromochloromethane	4.977	49	29327	21.493	ug/l	99
29) Tetrahydrofuran	5.050	42	88821	110.287	ug/l	99
30) Chloroform	5.092	83	60589	21.405	ug/l	98
31) Cyclohexane	5.391	56	56644	20.817	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	52321	21.675	ug/l	98
36) 1,1-Dichloropropene	5.530	75	44402	20.474	ug/l	99
37) Ethyl Acetate	4.806	43	52797	21.193	ug/l	99
38) Carbon Tetrachloride	5.530	117	43616	19.948	ug/l	98
39) Methylcyclohexane	6.767	83	53889	20.254	ug/l	96
40) Benzene	5.777	78	131002	20.403	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045605.D
 Acq On : 08 Nov 2021 11:19
 Operator : SY/MD
 Sample : VU1108MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 08 14:58:06 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	4.973	41	28963	21.999	ug/l	98
42) 1,2-Dichloroethane	5.796	62	49178	21.204	ug/l	99
43) Isopropyl Acetate	5.912	43	80592	21.150	ug/l	100
44) Trichloroethene	6.546	130	31191	20.294	ug/l	98
45) 1,2-Dichloropropane	6.796	63	36141	21.272	ug/l	98
46) Dibromomethane	6.922	93	24848	21.108	ug/l	99
47) Bromodichloromethane	7.108	83	47571	21.298	ug/l	97
48) Methyl methacrylate	6.964	41	37729	21.512	ug/l	98
49) 1,4-Dioxane	6.964	88	19372	429.507	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	267089	106.257	ug/l	98
52) Toluene	7.973	92	83824	21.324	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	53014	20.652	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	56769	20.820	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	34007	20.873	ug/l	99
56) Ethyl methacrylate	8.337	69	52500	19.519	ug/l	99
57) 1,3-Dichloropropane	8.578	76	62336	21.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	145570	97.054	ug/l	99
59) 2-Hexanone	8.684	43	207199	99.414	ug/l	98
60) Dibromochloromethane	8.812	129	35983	21.211	ug/l	99
61) 1,2-Dibromoethane	8.928	107	36200	20.717	ug/l	100
64) Tetrachloroethene	8.555	164	25307	20.547	ug/l	98
65) Chlorobenzene	9.449	112	86821	20.598	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	31858	21.192	ug/l	96
67) Ethyl Benzene	9.574	91	157916	20.920	ug/l	99
68) m/p-Xylenes	9.697	106	120626	42.372	ug/l	100
69) o-Xylene	10.102	106	58241	21.043	ug/l	97
70) Styrene	10.118	104	97803	20.888	ug/l	99
71) Bromoform	10.295	173	25612	19.976	ug/l #	99
73) Isopropylbenzene	10.488	105	153986	21.632	ug/l	100
74) N-amyl acetate	10.320	43	67791	21.110	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	58916	20.890	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	49381m	14.947	ug/l	
77) Bromobenzene	10.783	156	36356	21.036	ug/l	99
78) n-propylbenzene	10.909	91	190055	21.452	ug/l	100
79) 2-Chlorotoluene	10.989	91	111543	21.310	ug/l	97
80) 1,3,5-Trimethylbenzene	11.092	105	133547	21.473	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	18995	20.700	ug/l	99
82) 4-Chlorotoluene	11.098	91	130539	21.265	ug/l	99
83) tert-Butylbenzene	11.423	119	128058	21.600	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	134539	21.766	ug/l	99
85) sec-Butylbenzene	11.648	105	167687	21.327	ug/l	99
86) p-Isopropyltoluene	11.796	119	138401	21.064	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	70091	20.100	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	70957	20.119	ug/l	98
89) n-Butylbenzene	12.211	91	127638	20.166	ug/l	99
90) Hexachloroethane	12.478	117	24456	20.633	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	70317	20.726	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	13815	20.760	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	46647	19.885	ug/l	98
94) Hexachlorobutadiene	14.024	225	19225	18.986	ug/l	98
95) Naphthalene	14.089	128	168573	19.751	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	48775	20.934	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
Data File : VU045605.D
Acq On : 08 Nov 2021 11:19
Operator : SY/MD
Sample : VU1108MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01

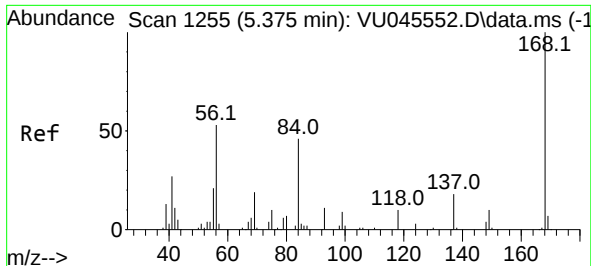
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

Quant Time: Nov 08 14:58:06 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

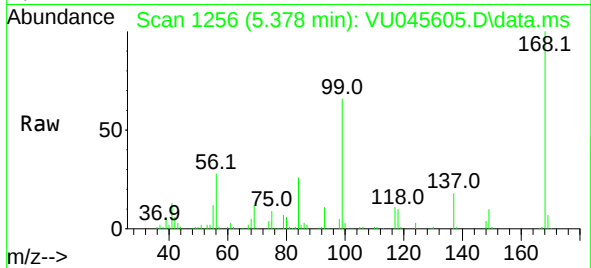
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

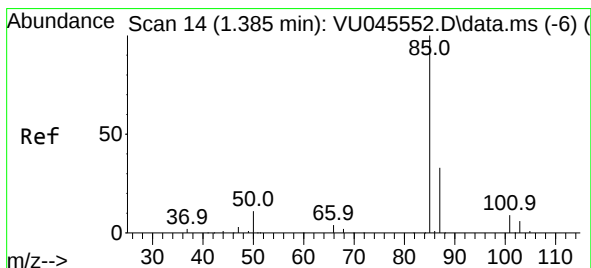
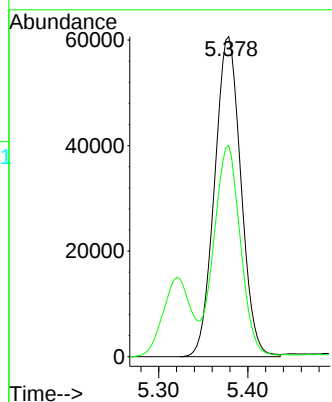
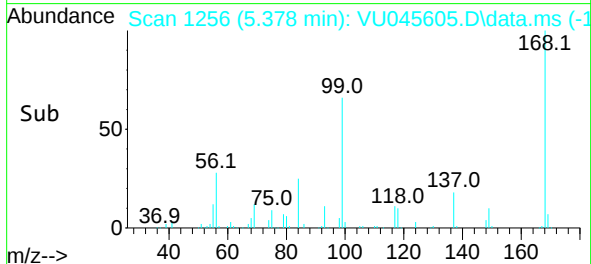
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



Tgt Ion:168 Resp: 124520
Ion Ratio Lower Upper
168 100
99 65.5 51.0 76.6

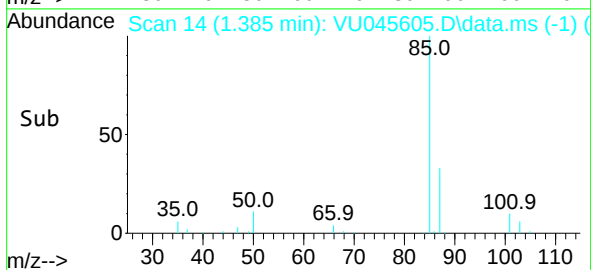
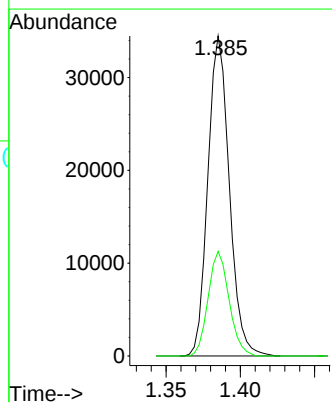
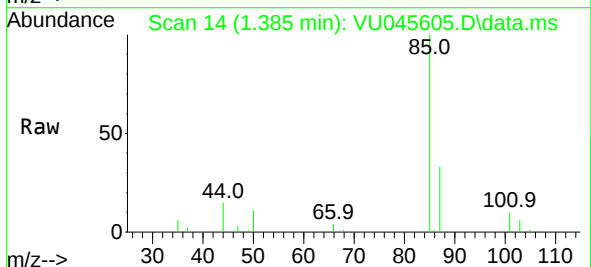
Manual Integrations
APPROVED

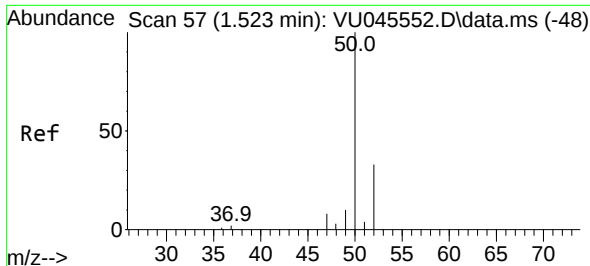
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#2
Dichlorodifluoromethane
Concen: 21.424 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

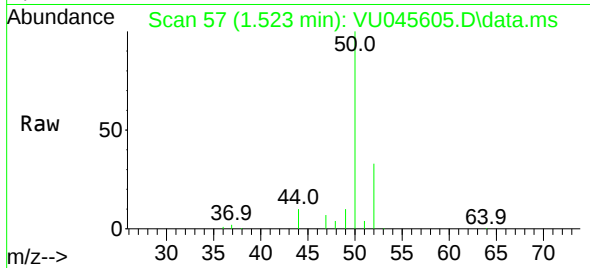
Tgt Ion: 85 Resp: 34589
Ion Ratio Lower Upper
85 100
87 32.7 15.9 47.7





#3
Chloromethane
Concen: 20.611 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

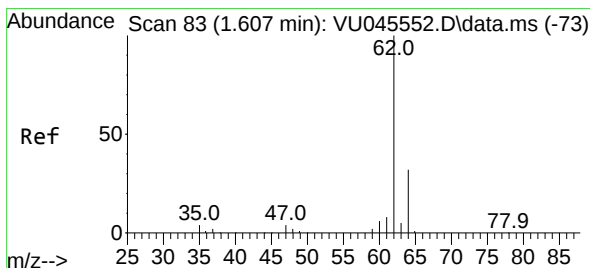
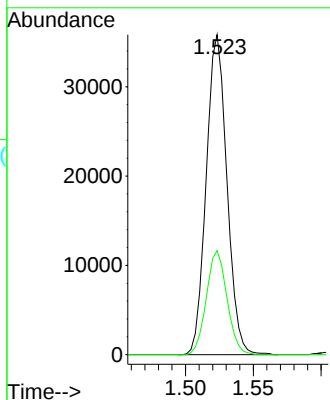
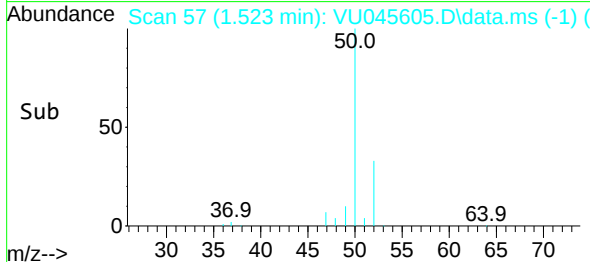
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



Tgt Ion: 50 Resp: 38074
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

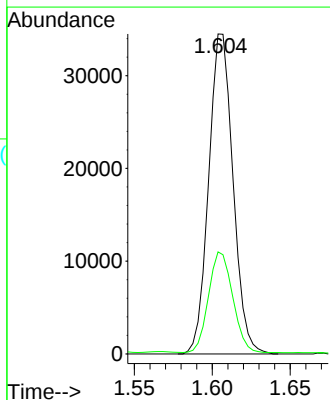
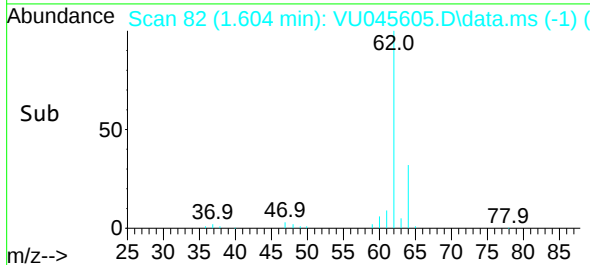
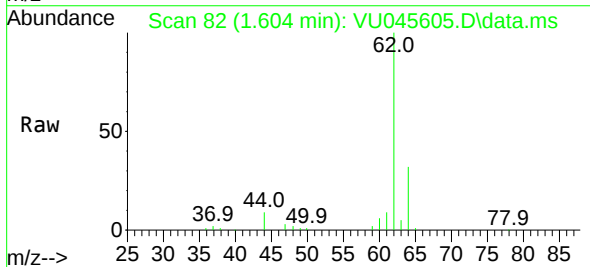
Manual Integrations
APPROVED

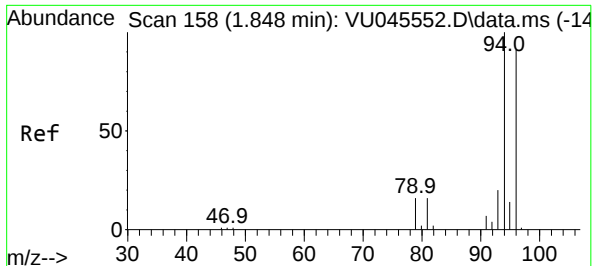
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#4
Vinyl Chloride
Concen: 20.834 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Tgt Ion: 62 Resp: 37489
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





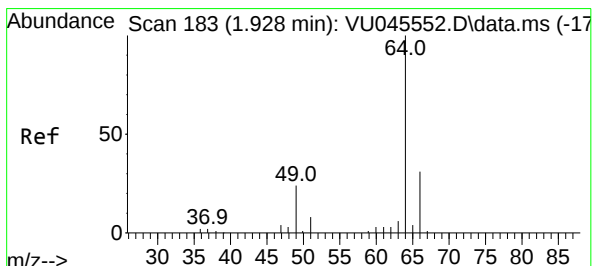
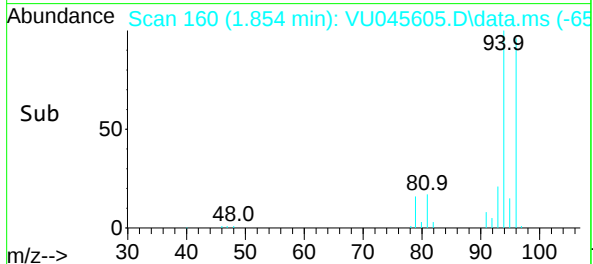
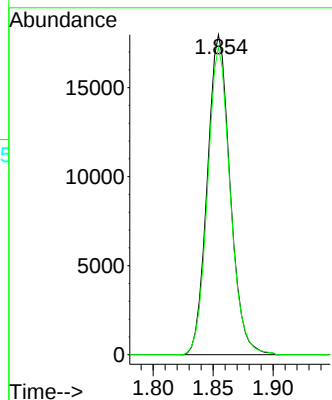
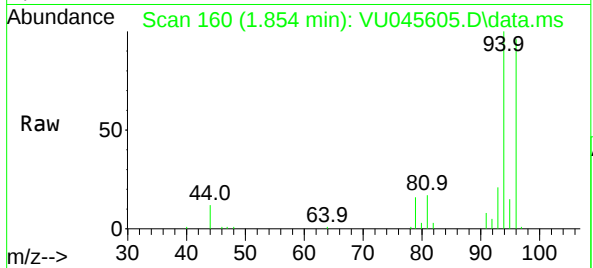
#5
Bromomethane
Concen: 23.696 ug/l
RT: 1.854 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01

Tgt Ion: 94 Resp: 2378
Ion Ratio Lower Upper
94 100
96 96.0 75.4 113.2

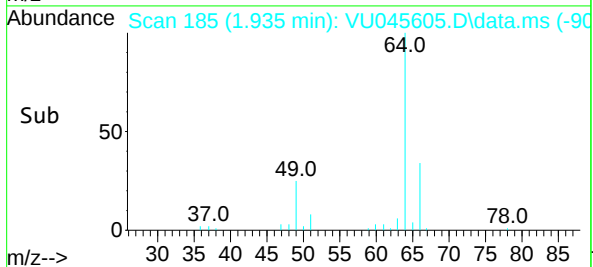
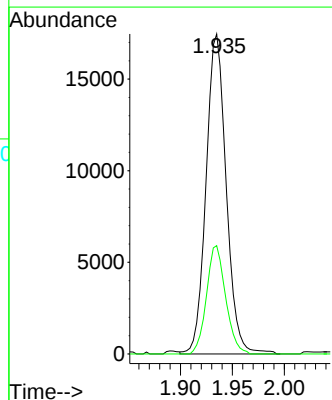
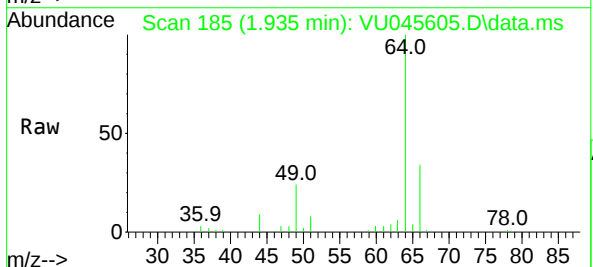
Manual Integrations
APPROVED

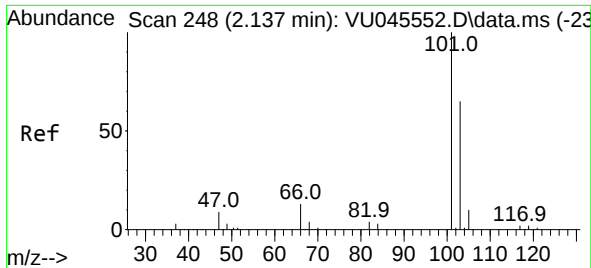
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#6
Chloroethane
Concen: 20.045 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Tgt Ion: 64 Resp: 23539
Ion Ratio Lower Upper
64 100
66 33.9 26.7 40.1





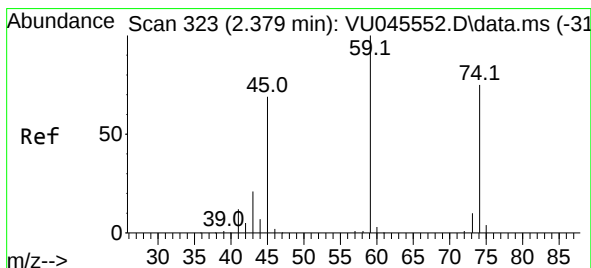
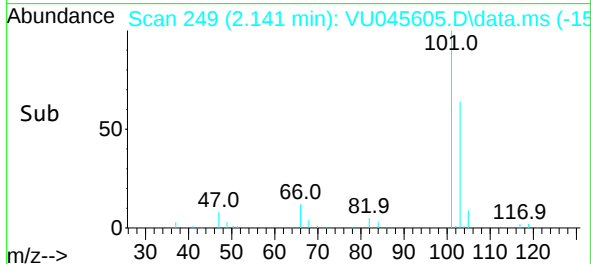
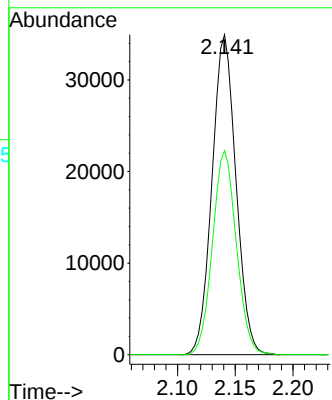
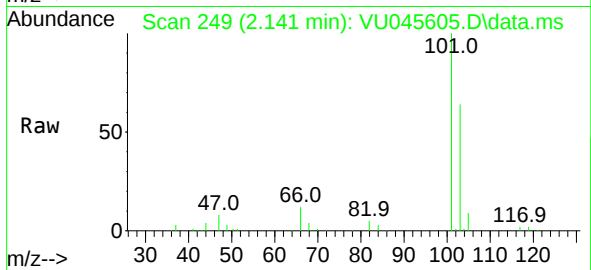
#7
 Trichlorofluoromethane
 Concen: 21.168 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108MBS01

Tgt Ion:101 Resp: 50370
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0

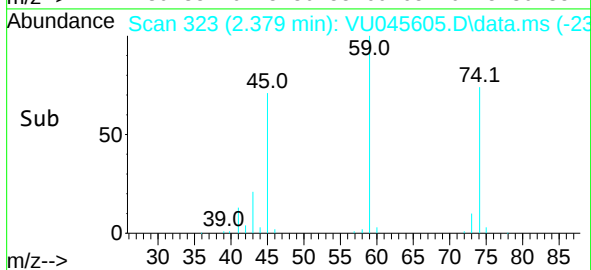
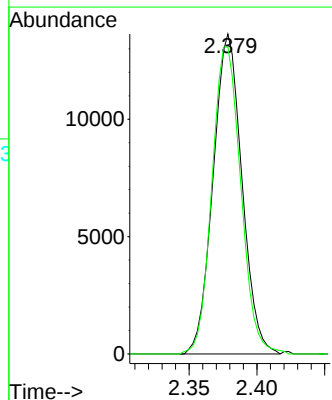
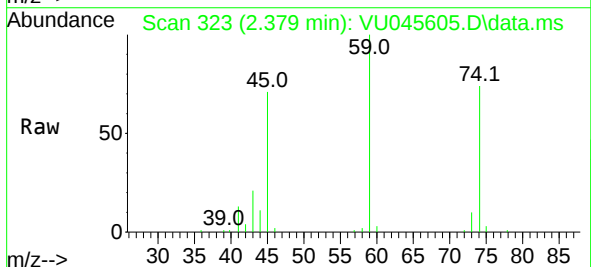
Manual Integrations
 APPROVED

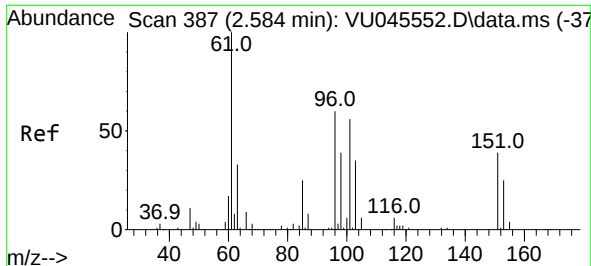
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#8
 Diethyl Ether
 Concen: 21.433 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19

Tgt Ion: 74 Resp: 20188
 Ion Ratio Lower Upper
 74 100
 45 96.0 47.3 141.8





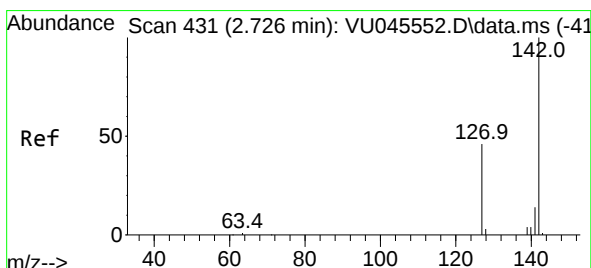
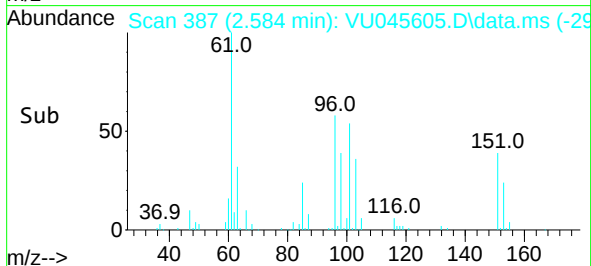
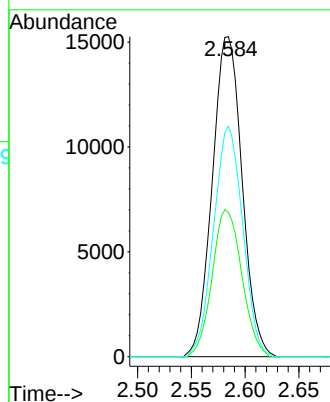
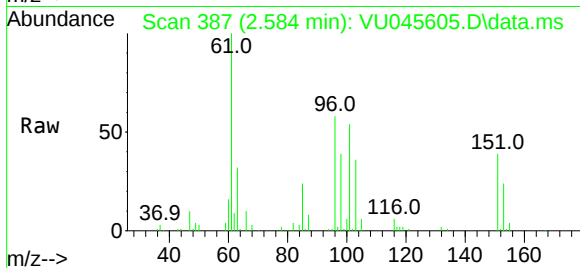
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.166 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01

Tgt Ion:101 Resp: 29409
Ion Ratio Lower Upper
101 100
85 45.7 35.0 52.4
151 70.6 54.6 82.0

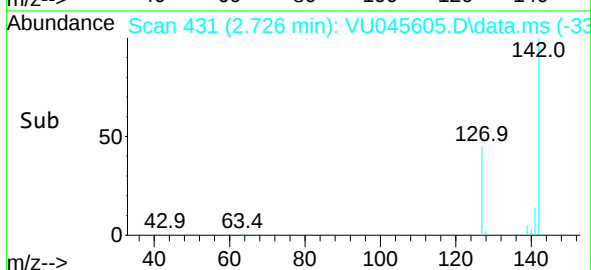
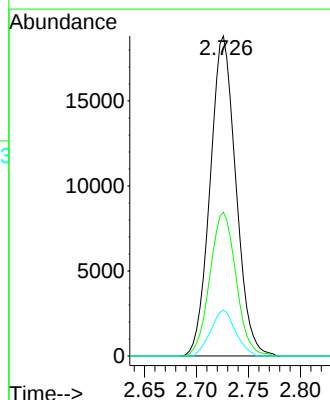
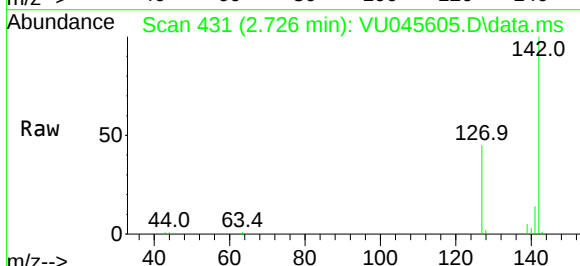
Manual Integrations
APPROVED

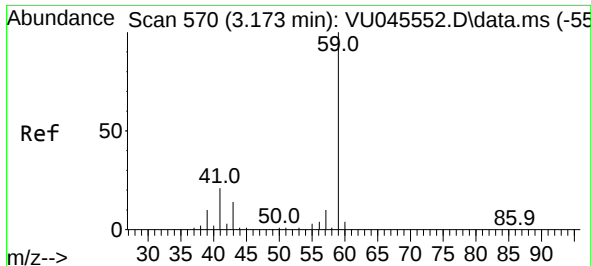
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#10
Methyl Iodide
Concen: 17.843 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

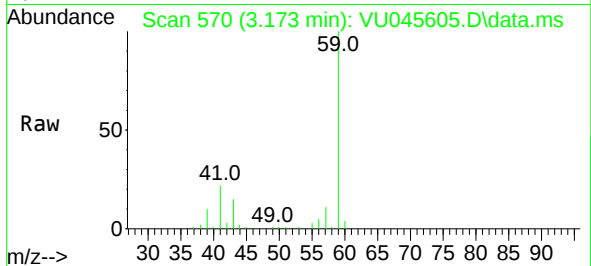
Tgt Ion:142 Resp: 32444
Ion Ratio Lower Upper
142 100
127 45.6 32.2 48.2
141 13.8 11.3 16.9





#11
Tert butyl alcohol
Concen: 107.922 ug/l
RT: 3.173 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

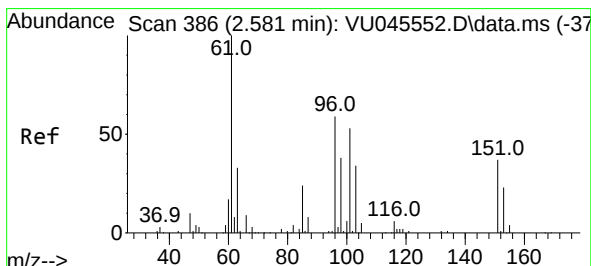
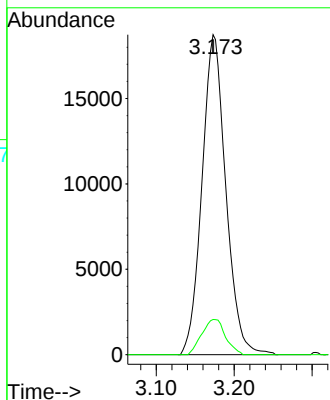
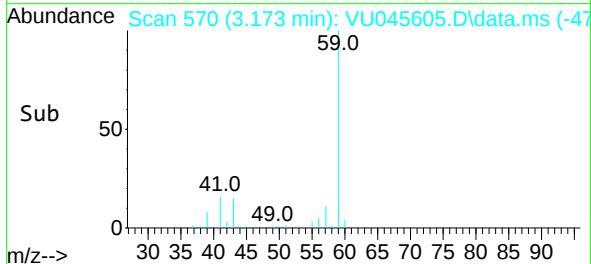
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



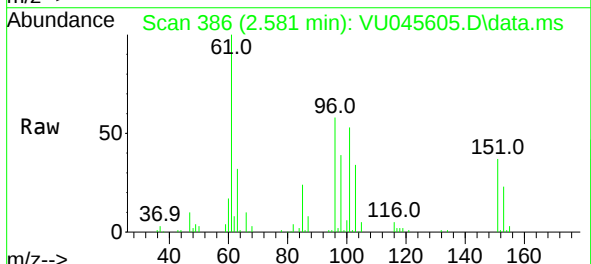
Tgt Ion: 59 Resp: 3983
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

Manual Integrations
APPROVED

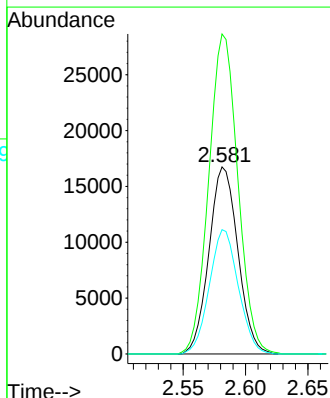
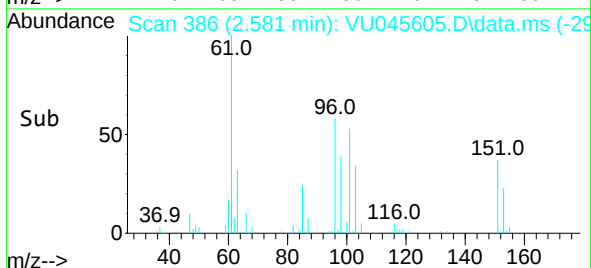
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

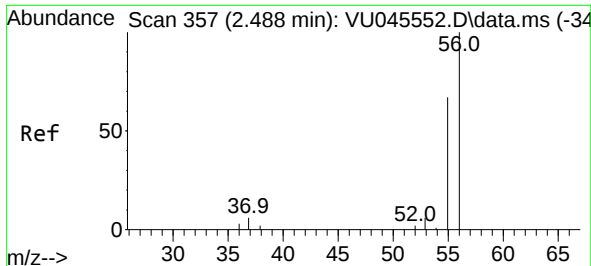


#12
1,1-Dichloroethene
Concen: 19.784 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



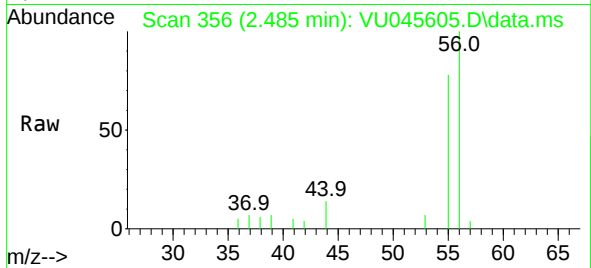
Tgt Ion: 96 Resp: 27103
Ion Ratio Lower Upper
96 100
61 171.1 137.1 205.7
98 66.4 51.5 77.3





#13
Acrolein
Concen: 91.870 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

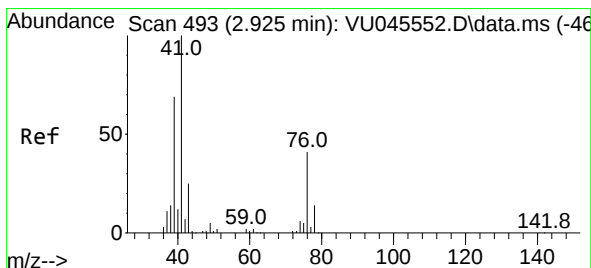
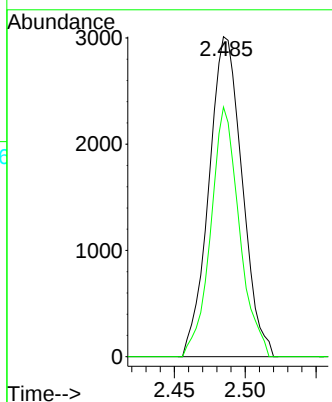
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



Tgt Ion: 56 Resp: 4914
Ion Ratio Lower Upper
56 100
55 67.2 56.3 84.5

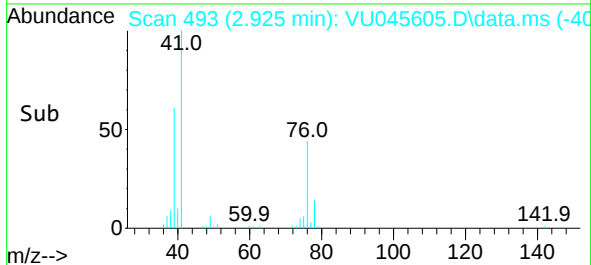
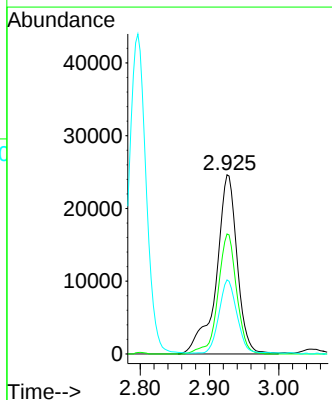
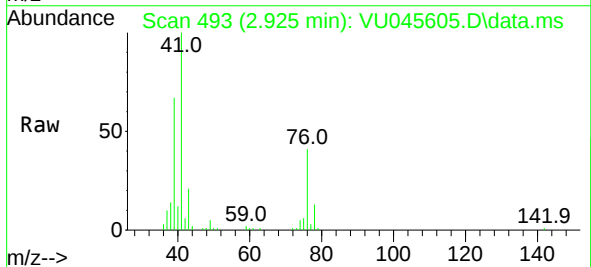
Manual Integrations
APPROVED

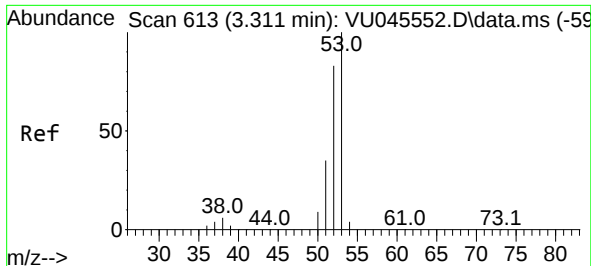
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#14
Allyl chloride
Concen: 21.077 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

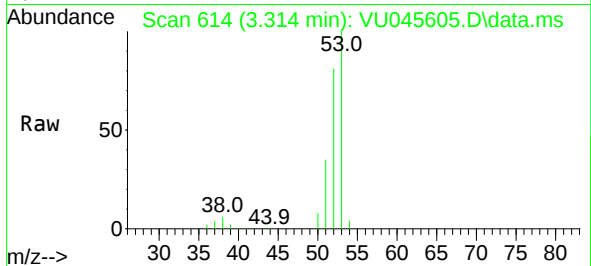
Tgt Ion: 41 Resp: 51558
Ion Ratio Lower Upper
41 100
39 59.8 49.7 74.5
76 34.5 27.7 41.5





#15
Acrylonitrile
Concen: 109.870 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

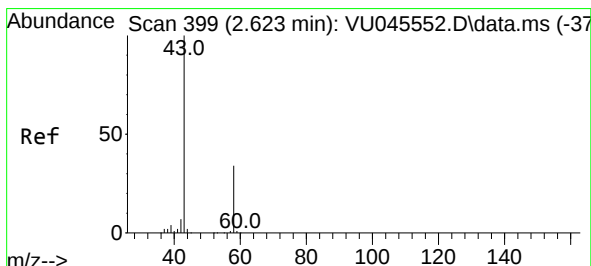
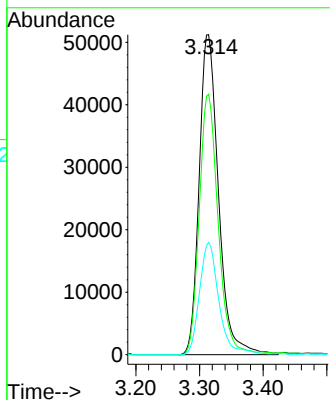
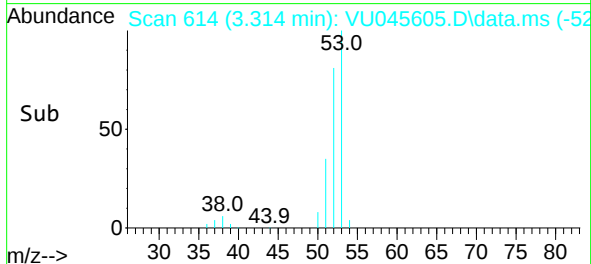
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



Tgt Ion: 53 Resp: 108275
Ion Ratio Lower Upper
53 100
52 79.2 66.6 100.0
51 35.2 28.4 42.6

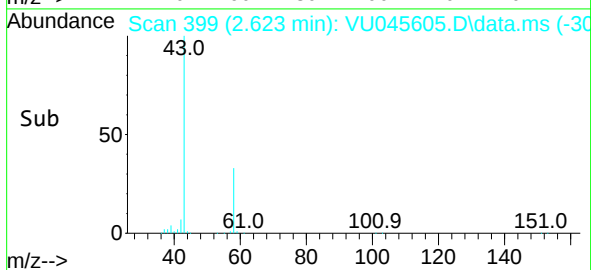
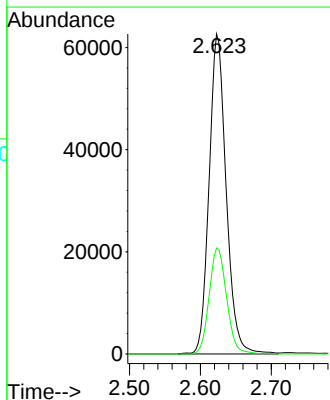
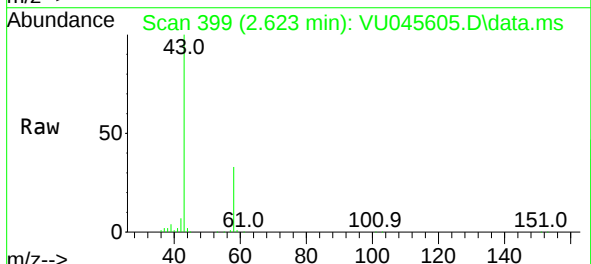
Manual Integrations
APPROVED

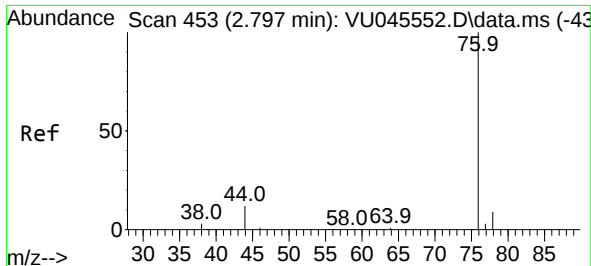
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#16
Acetone
Concen: 110.425 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

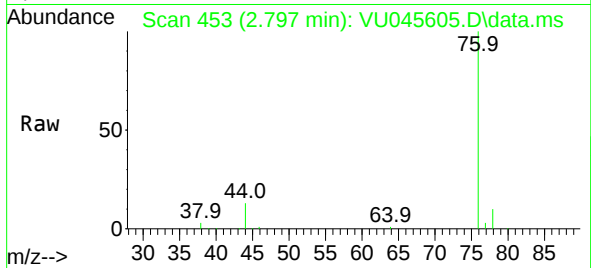
Tgt Ion: 43 Resp: 104825
Ion Ratio Lower Upper
43 100
58 33.1 26.2 39.2





#17
Carbon Disulfide
Concen: 19.794 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

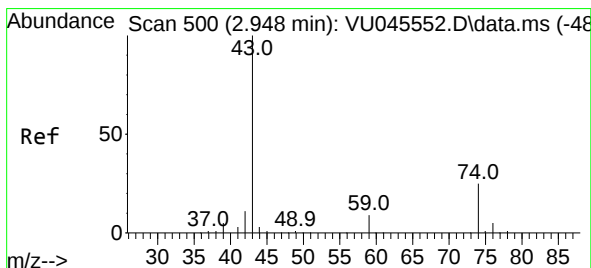
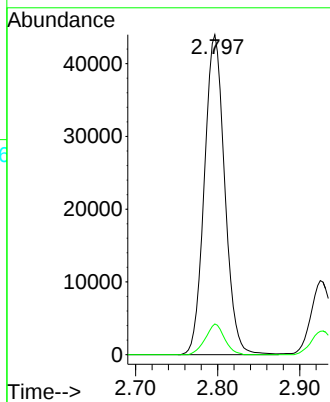
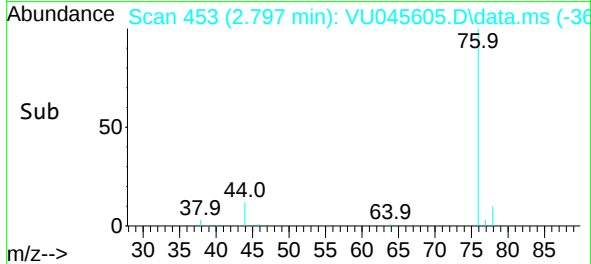
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



Tgt Ion: 76 Resp: 7595
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

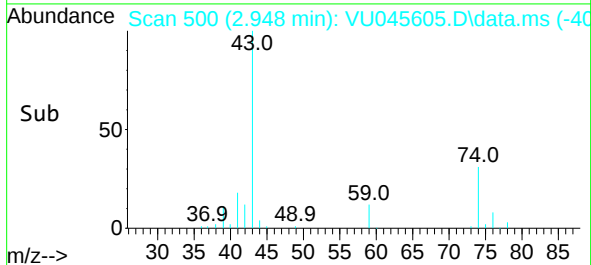
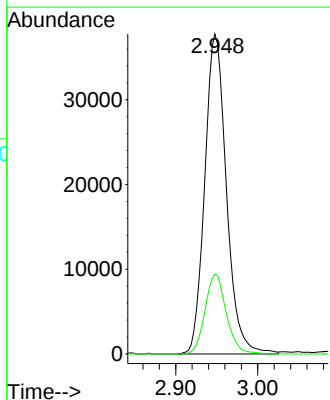
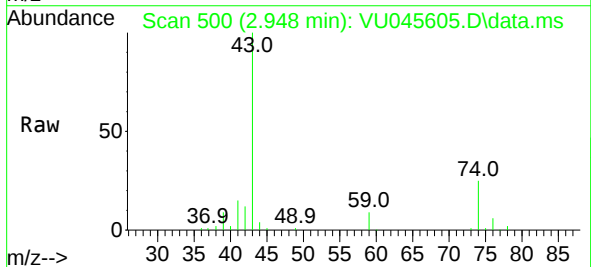
Manual Integrations
APPROVED

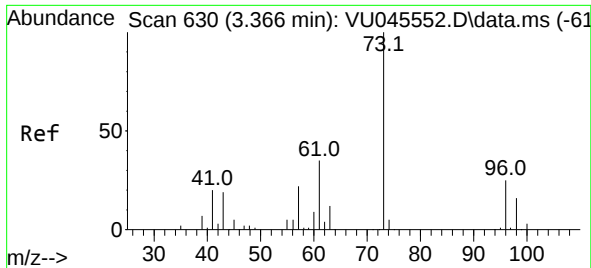
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
Methyl Acetate
Concen: 21.481 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

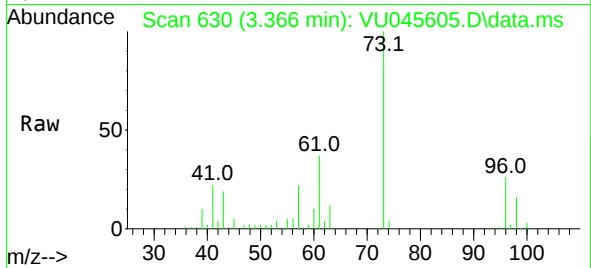
Tgt Ion: 43 Resp: 69455
Ion Ratio Lower Upper
43 100
74 24.5 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 21.382 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

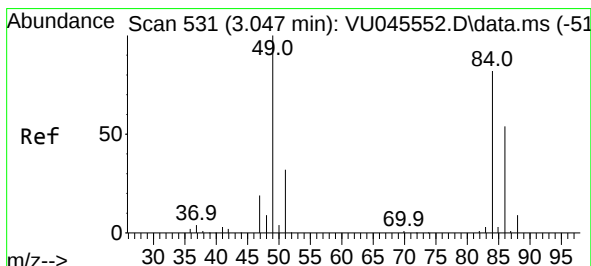
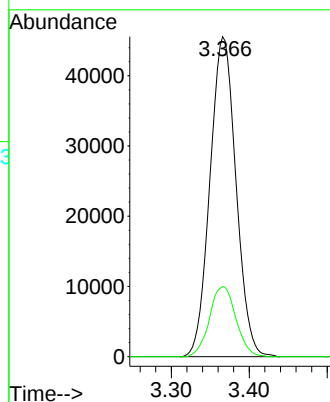
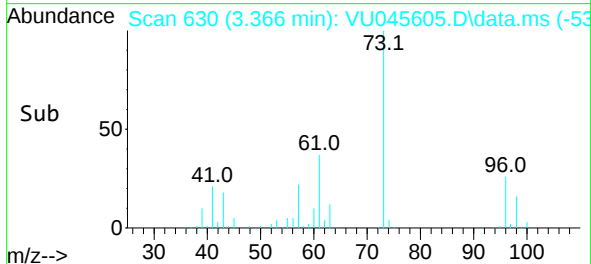
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



Tgt Ion: 73 Resp: 10544
Ion Ratio Lower Upper
73 100
57 21.9 18.1 27.1

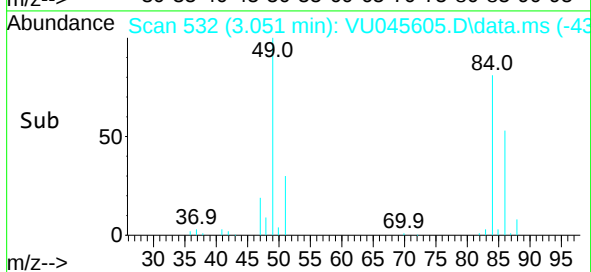
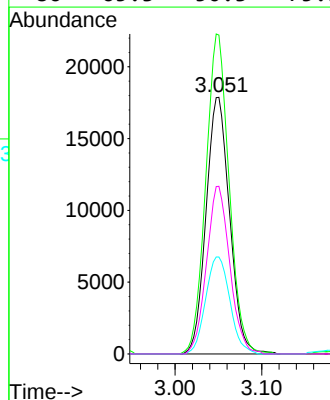
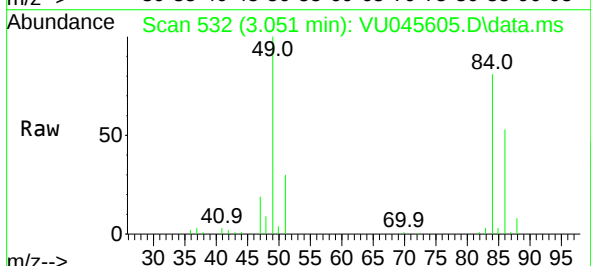
Manual Integrations
APPROVED

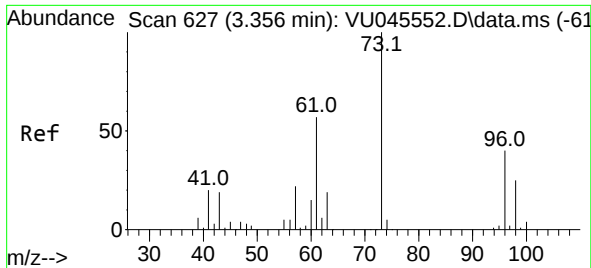
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#20
Methylene Chloride
Concen: 20.494 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

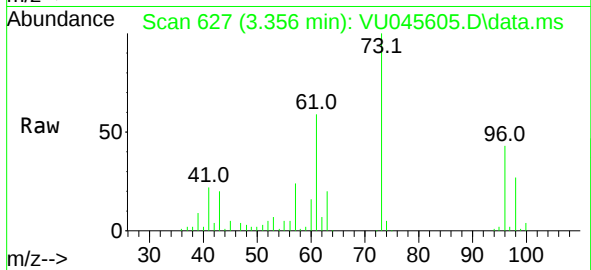
Tgt Ion: 84 Resp: 33805
Ion Ratio Lower Upper
84 100
49 124.2 96.4 144.6
51 37.8 30.5 45.7
86 65.3 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 21.193 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

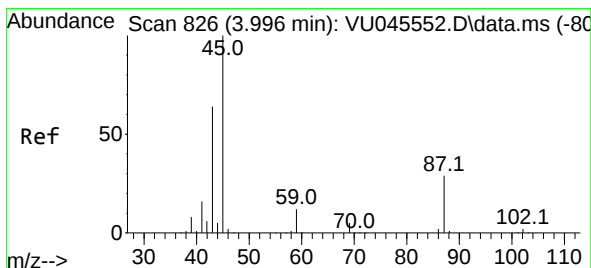
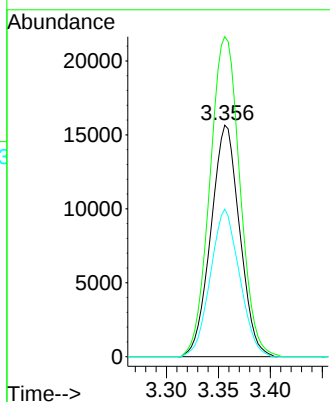
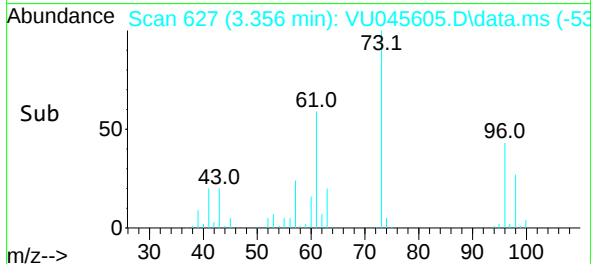
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



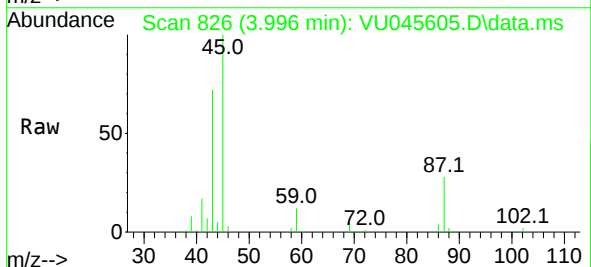
Tgt Ion: 96 Resp: 3020
Ion Ratio Lower Upper
96 100
61 138.2 118.2 177.4
98 63.7 52.1 78.1

Manual Integrations
APPROVED

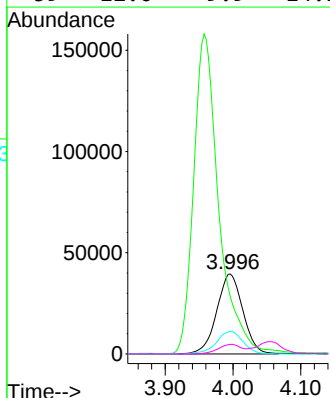
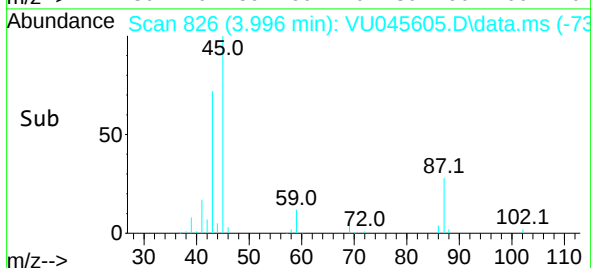
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

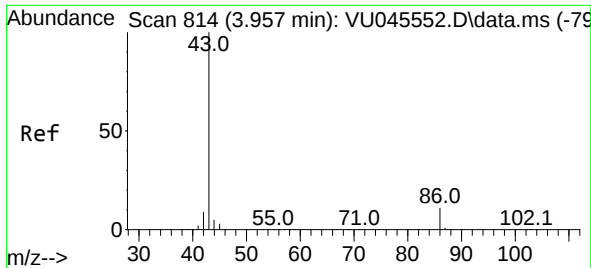


#22
Diisopropyl ether
Concen: 22.016 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



Tgt Ion: 45 Resp: 105743
Ion Ratio Lower Upper
45 100
43 67.7 60.0 90.0
87 28.4 22.3 33.5
59 12.0 9.9 14.9





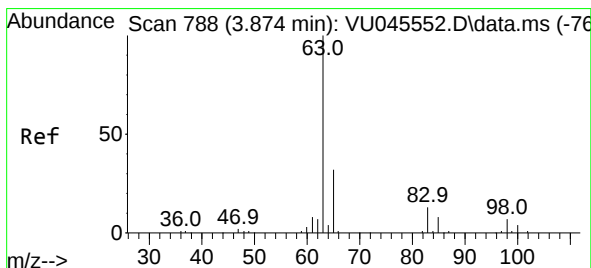
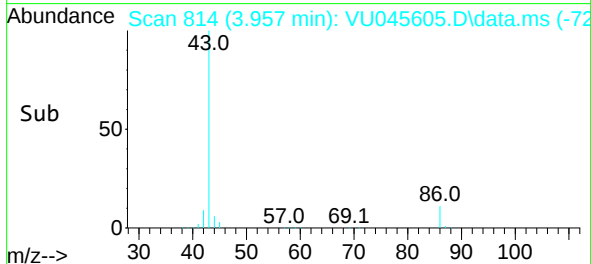
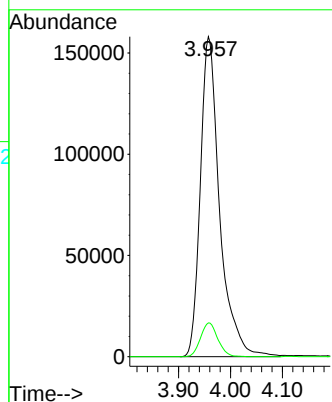
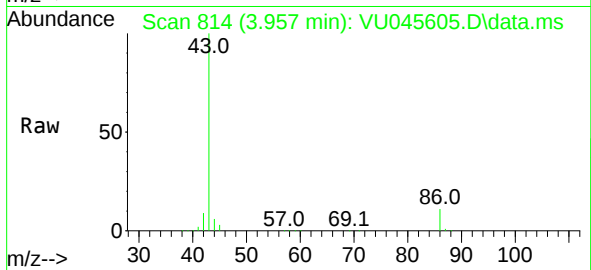
#23
 Vinyl Acetate
 Concen: 110.402 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108MBS01

Tgt Ion: 43 Resp: 40783
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.9 13.3

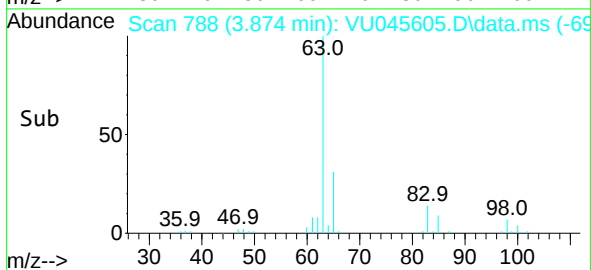
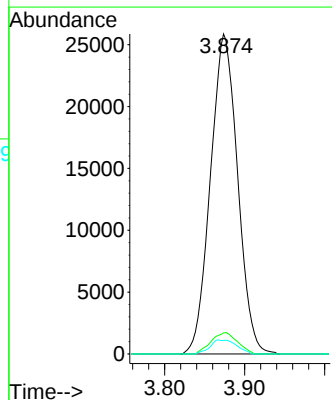
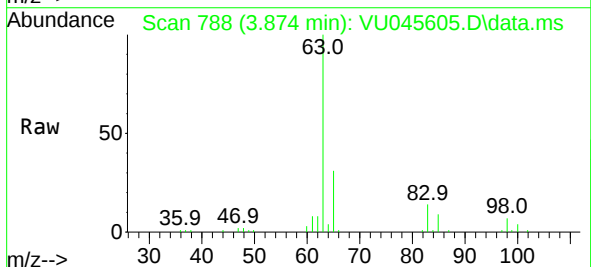
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#24
 1,1-Dichloroethane
 Concen: 21.335 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19

Tgt Ion: 63 Resp: 61064
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 112.066 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion: 43 Resp: 147549

Ion Ratio Lower Upper

43 100

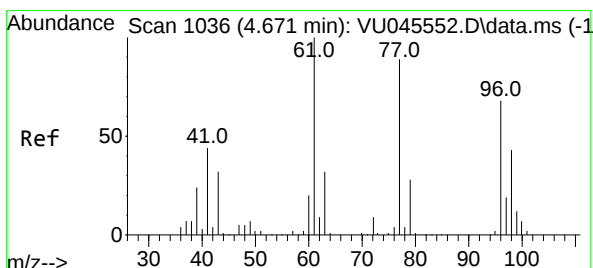
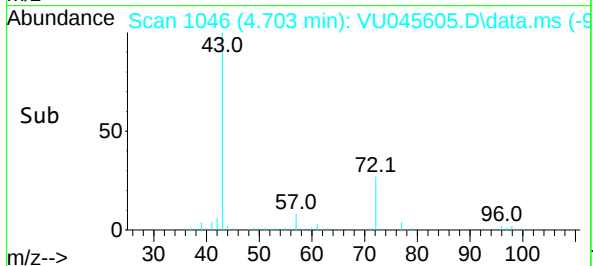
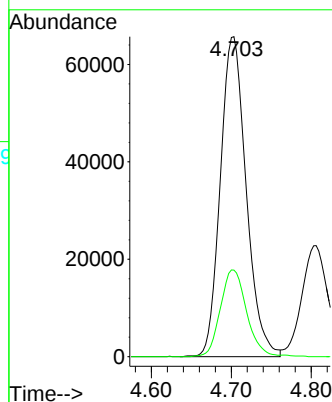
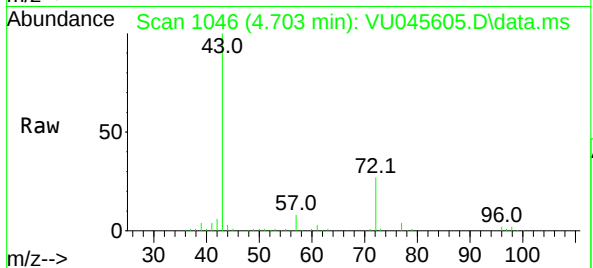
72 27.0 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#26

2,2-Dichloropropane

Concen: 20.698 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045605.D

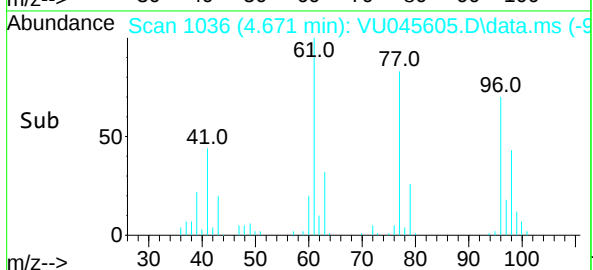
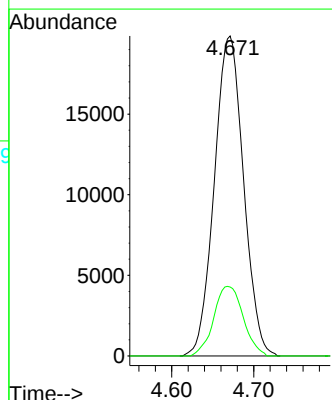
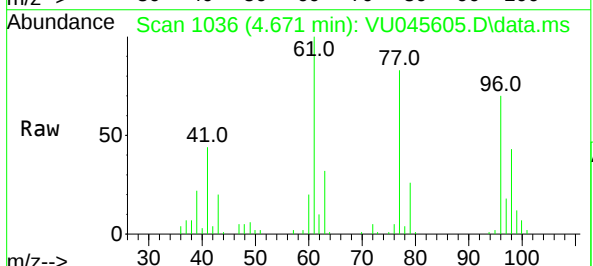
Acq: 08 Nov 2021 11:19

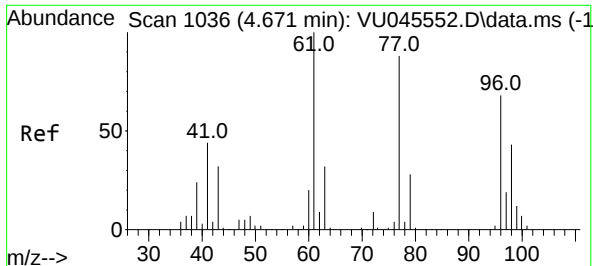
Tgt Ion: 77 Resp: 49089

Ion Ratio Lower Upper

77 100

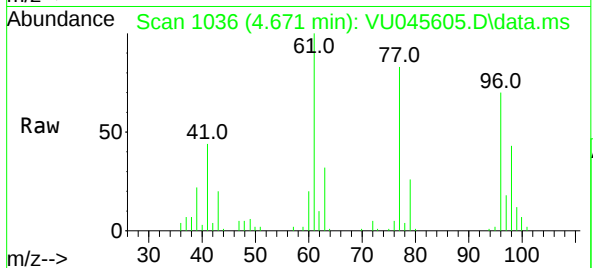
97 22.0 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.688 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19

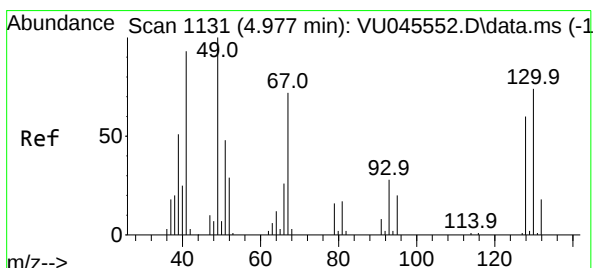
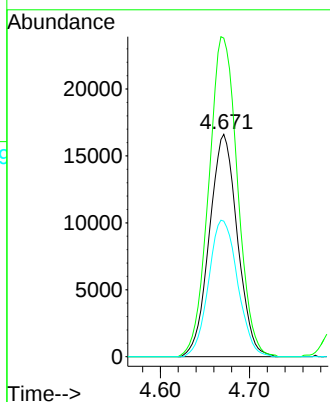
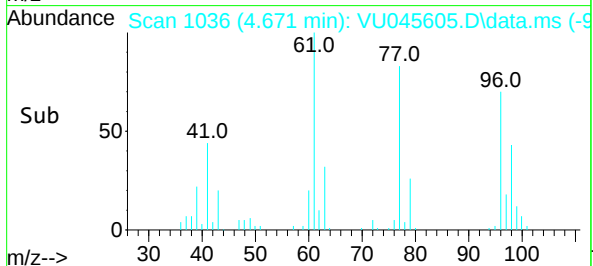
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108MBS01



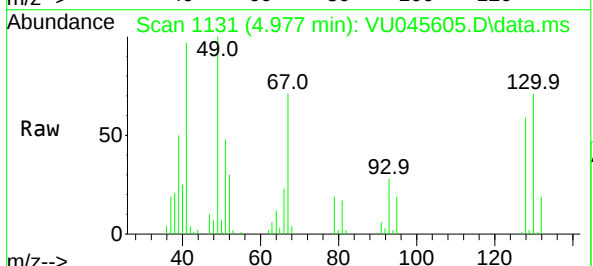
Tgt Ion: 96 Resp: 36304
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 299.2
 98 63.6 0.0 127.6

Manual Integrations
 APPROVED

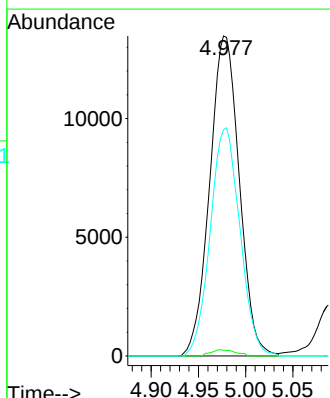
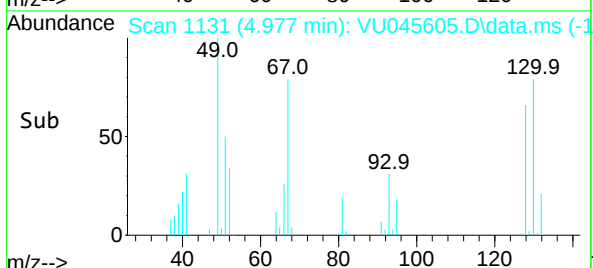
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021

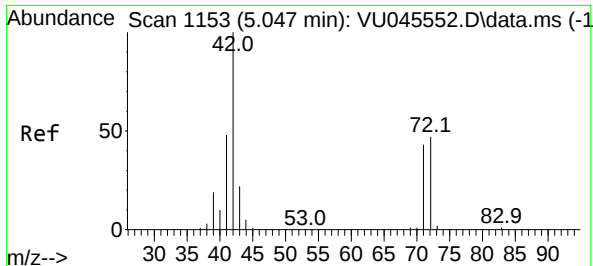


#28
 Bromochloromethane
 Concen: 21.493 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19



Tgt Ion: 49 Resp: 29327
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 71.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 110.287 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

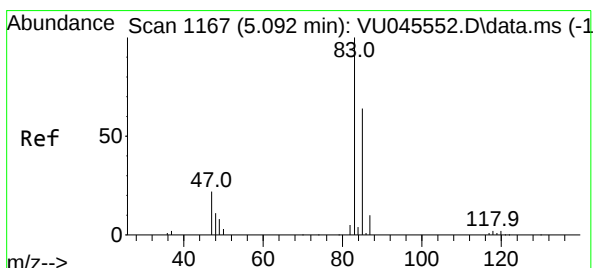
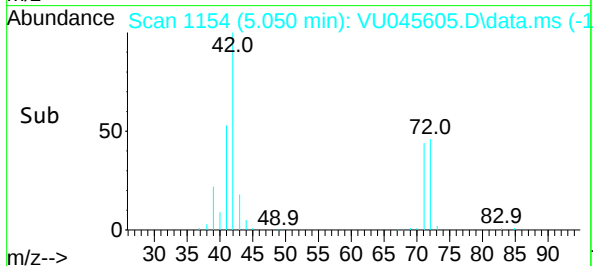
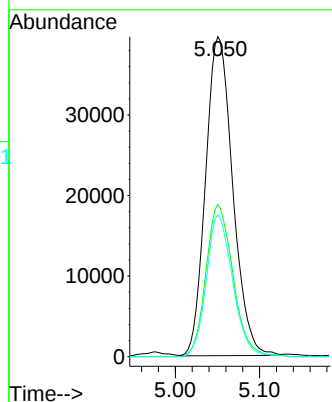
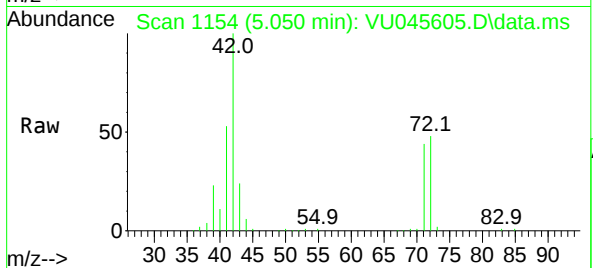
Tgt Ion:	42	Resp:	8882
Ion Ratio	Lower	Upper	
42	100		
72	47.4	38.2	57.4
71	43.2	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#30

Chloroform

Concen: 21.405 ug/l

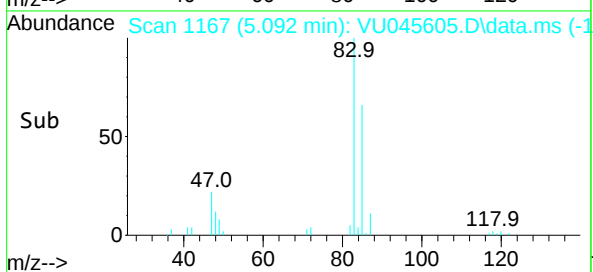
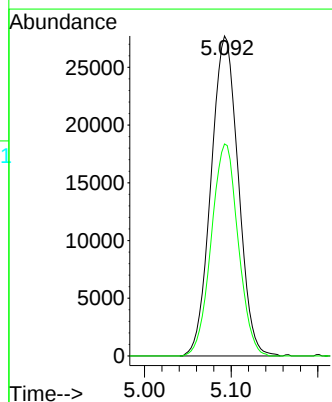
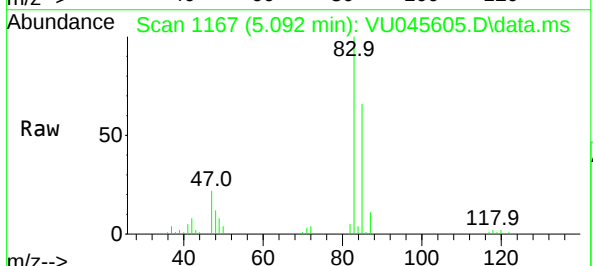
RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

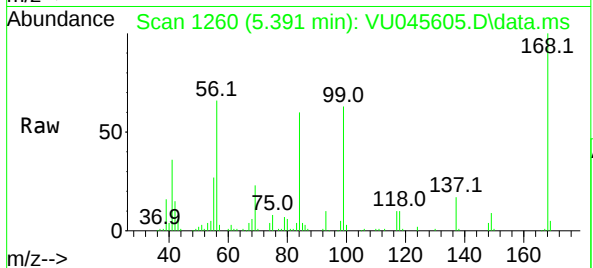
Tgt Ion:	83	Resp:	60589
Ion Ratio	Lower	Upper	
83	100		
85	66.3	52.0	78.0





#31
Cyclohexane
Concen: 20.817 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

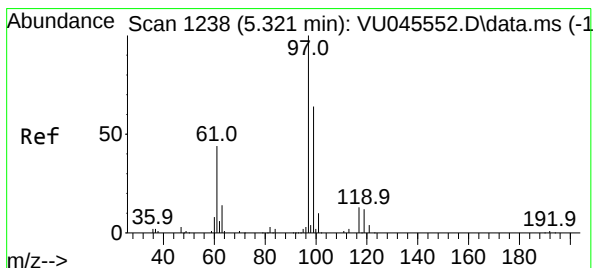
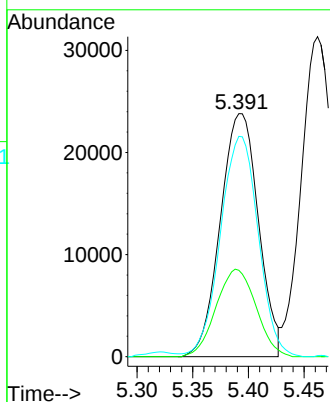
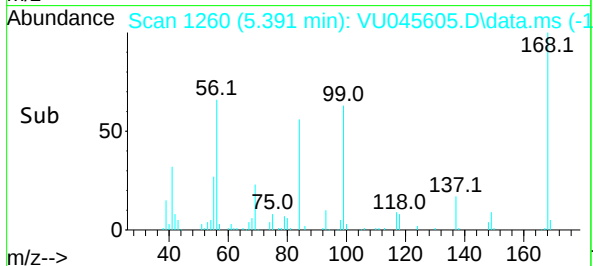
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



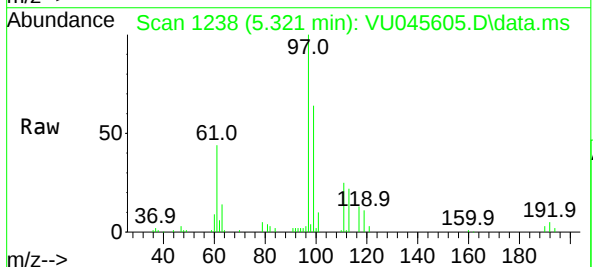
Tgt Ion: 56 Resp: 5664
Ion Ratio Lower Upper
56 100
69 35.6 26.4 39.6
84 89.5 68.4 102.6

Manual Integrations
APPROVED

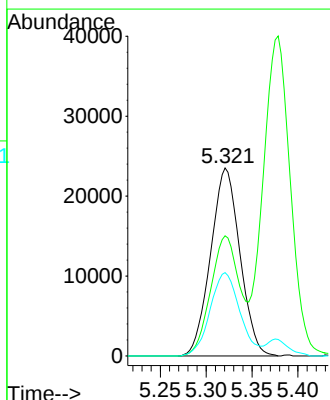
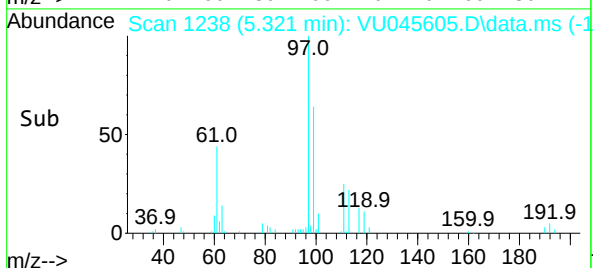
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

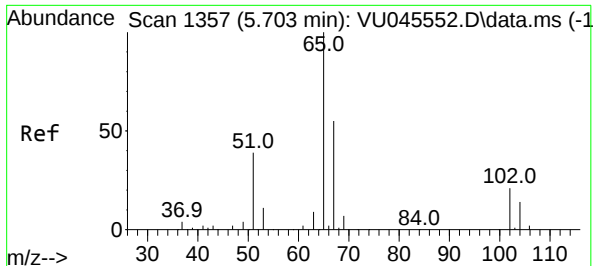


#32
1,1,1-Trichloroethane
Concen: 21.675 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



Tgt Ion: 97 Resp: 52321
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 45.0 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 54.215 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion: 65 Resp: 10110

Ion Ratio Lower Upper

65 100

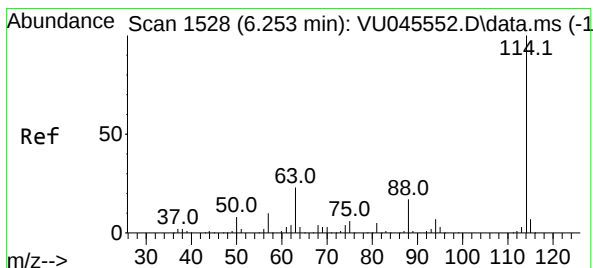
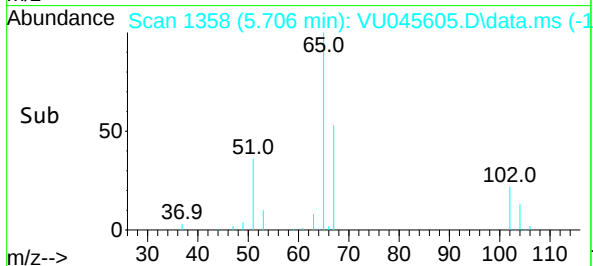
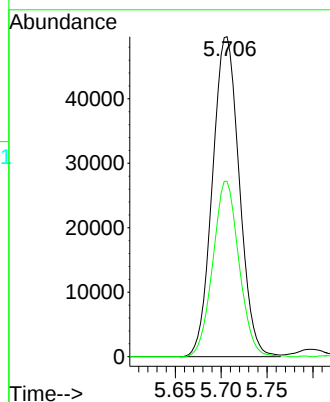
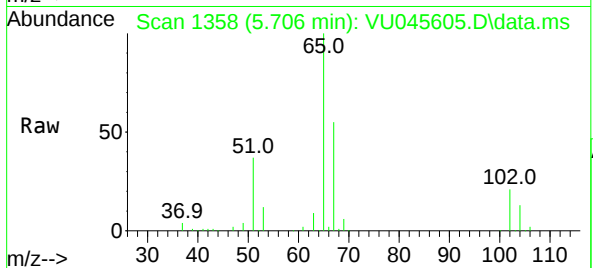
67 53.4 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

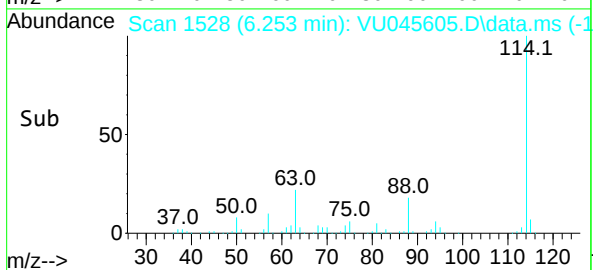
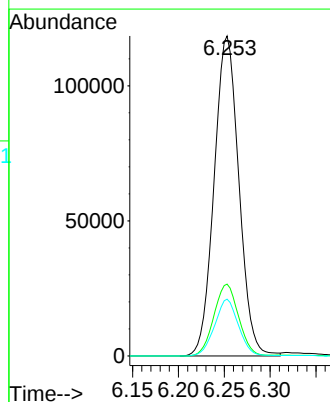
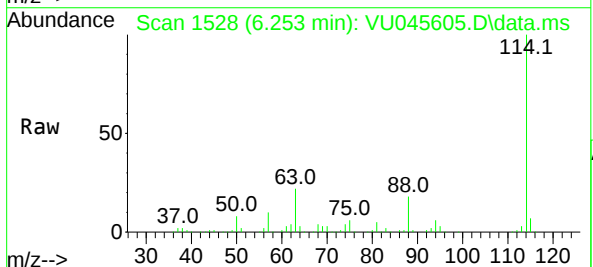
Tgt Ion:114 Resp: 222417

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

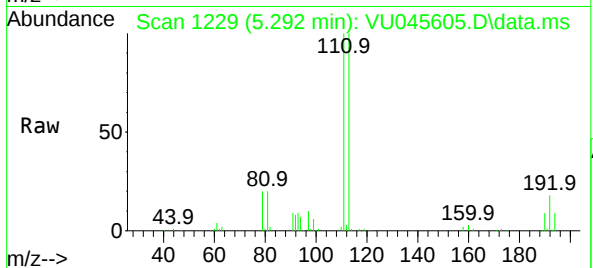
88 17.8 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.634 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

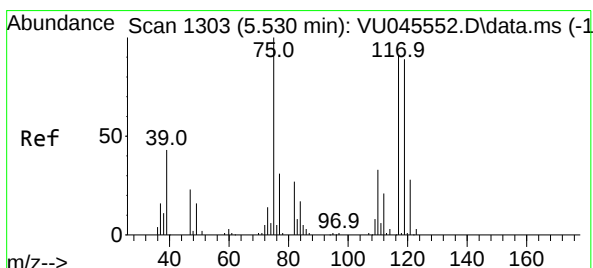
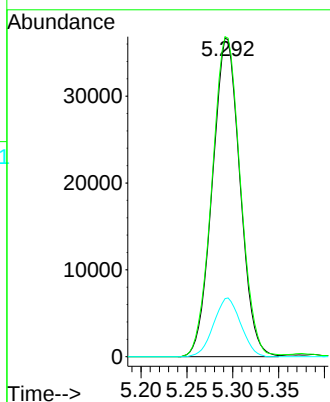
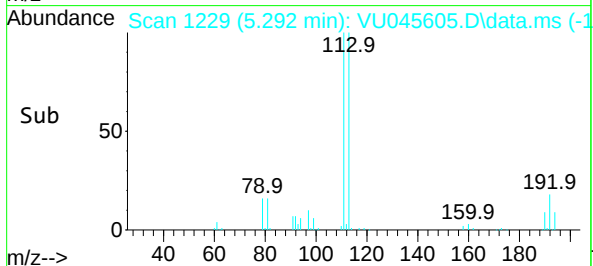
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



Tgt Ion: 113 Resp: 7667
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.1 14.8 22.2

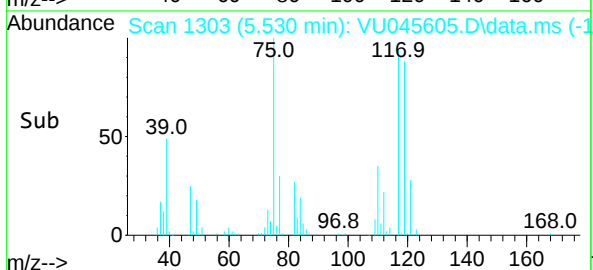
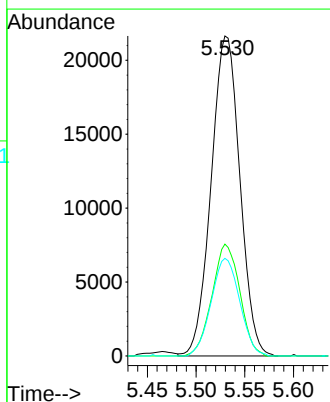
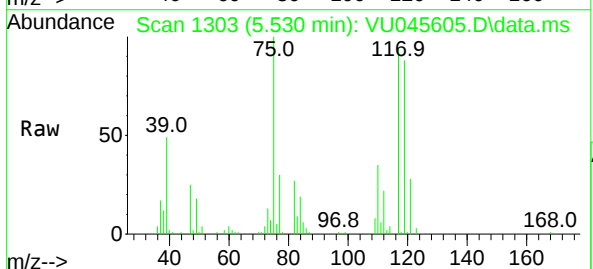
Manual Integrations
APPROVED

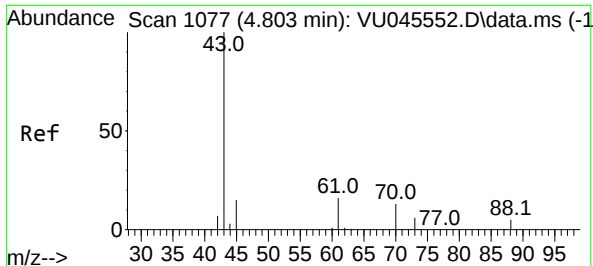
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#36
1,1-Dichloropropene
Concen: 20.474 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Tgt Ion: 75 Resp: 44402
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.0
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 21.193 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

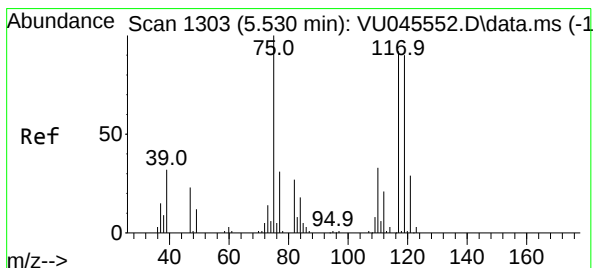
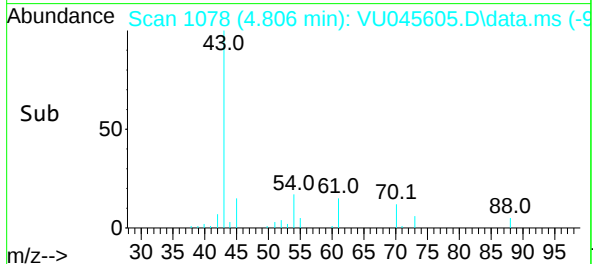
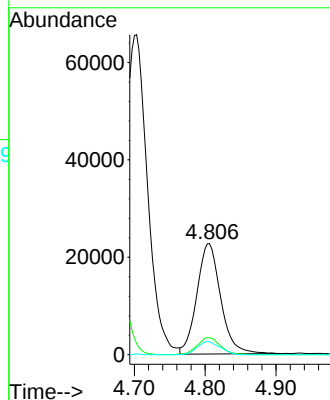
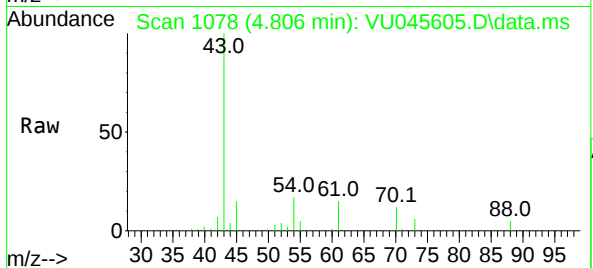
ClientSampleId :

VU1108MBS01

Tgt Ion: 43	Resp: 5279
Ion Ratio	Lower Upper
43 100	
61 15.1	11.6 17.4
70 11.3	9.1 13.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#38

Carbon Tetrachloride

Concen: 19.948 ug/l

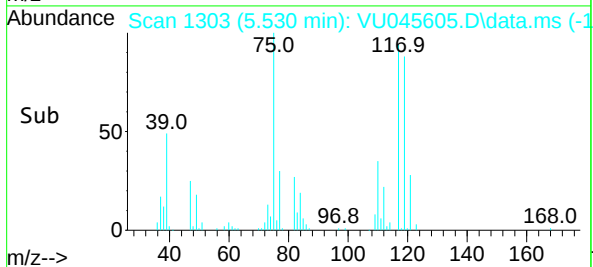
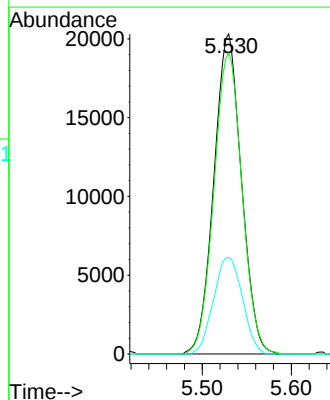
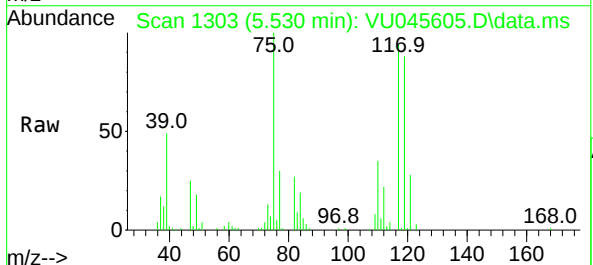
RT: 5.530 min Scan# 1303

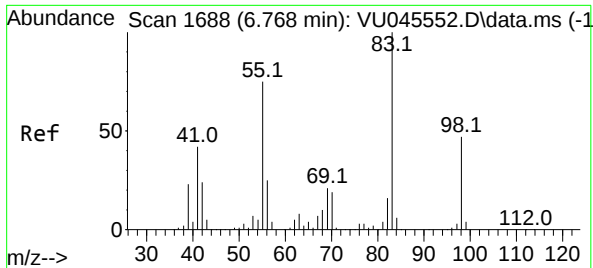
Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Tgt Ion: 117	Resp: 43616
Ion Ratio	Lower Upper
117 100	
119 94.0	77.4 116.0
121 30.2	24.8 37.2





#39

Methylcyclohexane

Concen: 20.254 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

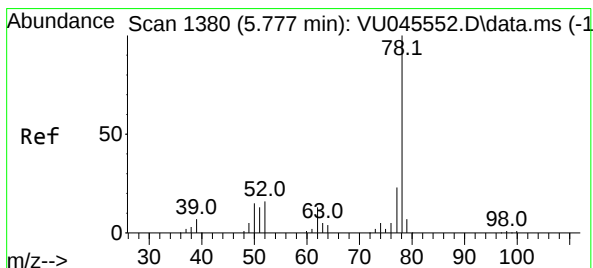
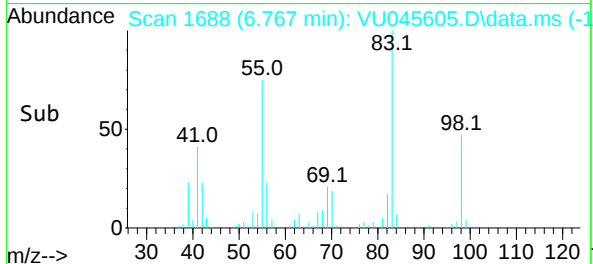
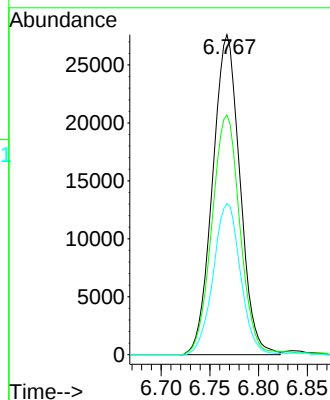
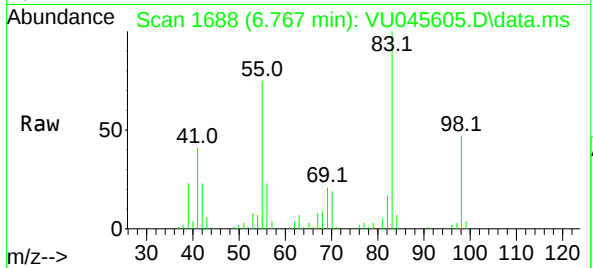
Tgt Ion: 83	Resp: 5388
Ion Ratio	Lower Upper
83	100
55	74.9 63.6 95.4
98	47.2 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#40

Benzene

Concen: 20.403 ug/l

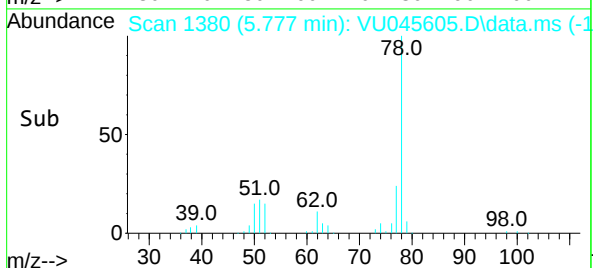
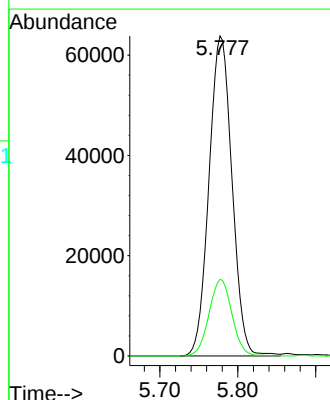
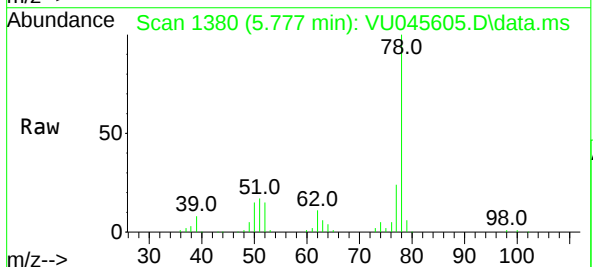
RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

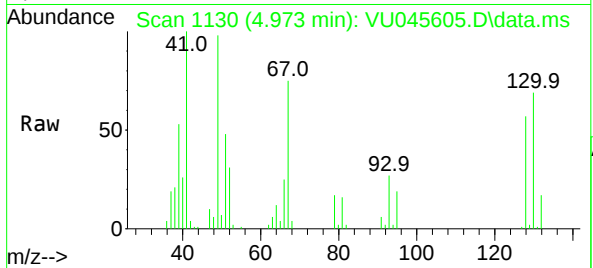
Tgt Ion: 78	Resp: 131002
Ion Ratio	Lower Upper
78	100
77	24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 21.999 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

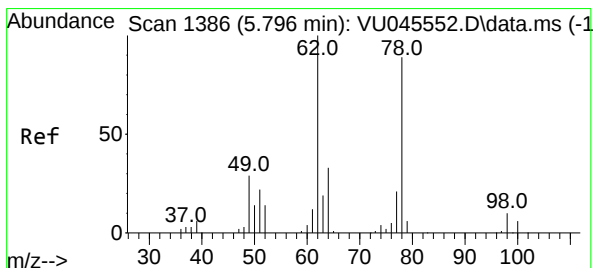
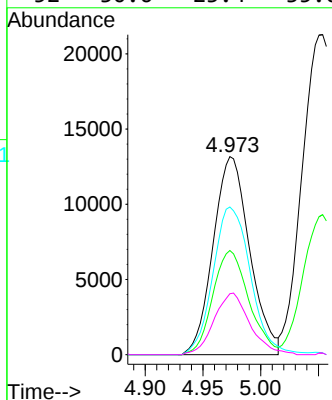
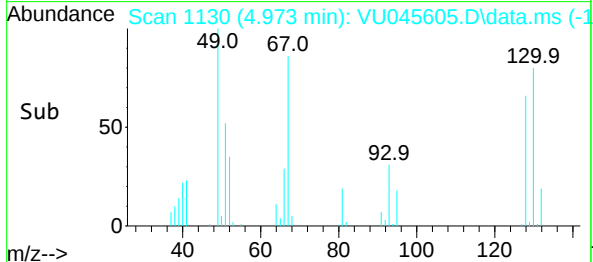
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



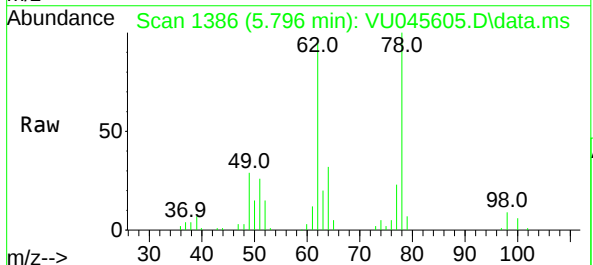
Tgt Ion: 41 Resp: 2896
Ion Ratio Lower Upper
41 100
39 52.0 43.4 65.0
67 76.7 61.0 91.4
52 30.6 23.4 35.0

Manual Integrations
APPROVED

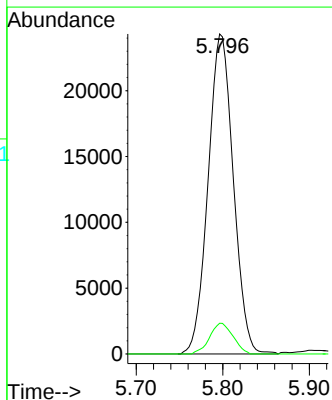
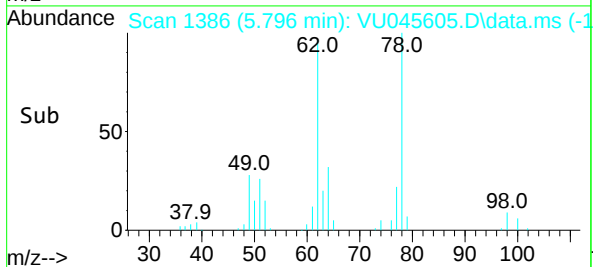
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

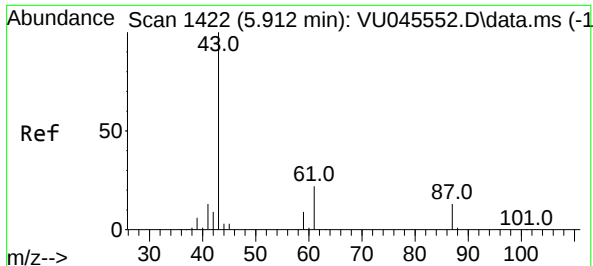


#42
1,2-Dichloroethane
Concen: 21.204 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



Tgt Ion: 62 Resp: 49178
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4





#43

Isopropyl Acetate

Concen: 21.150 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

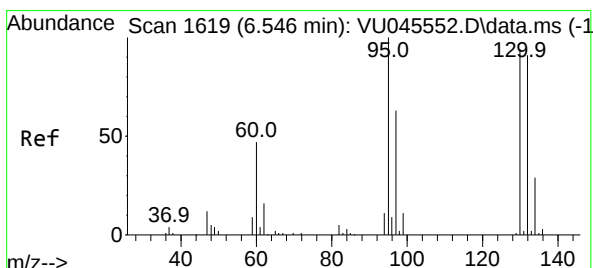
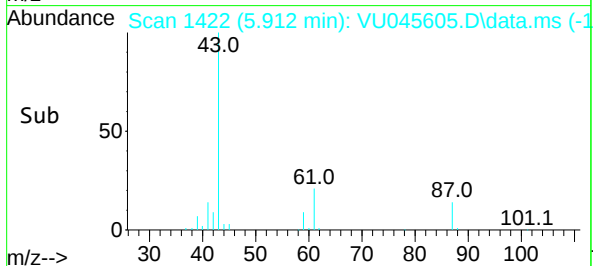
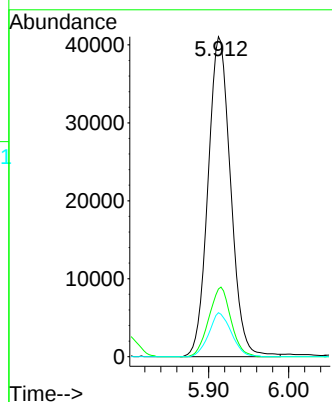
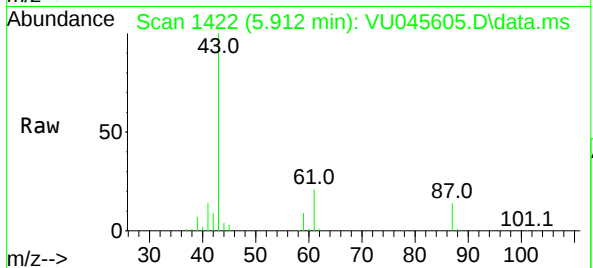
Tgt Ion: 43	Resp: 80592
Ion Ratio	Lower Upper
43 100	
61 21.3	16.9 25.3
87 13.6	11.0 16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#44

Trichloroethene

Concen: 20.294 ug/l

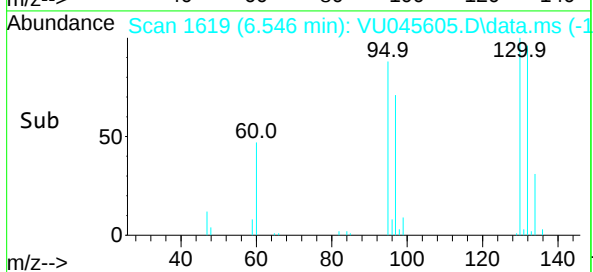
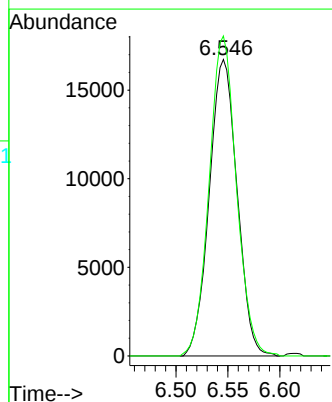
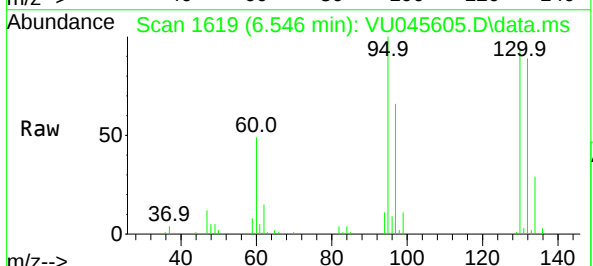
RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Tgt Ion:130	Resp: 31191
Ion Ratio	Lower Upper
130 100	
95 107.9	0.0 211.4





#45

1,2-Dichloropropane

Concen: 21.272 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion: 63 Resp: 3614

Ion Ratio Lower Upper

63 100

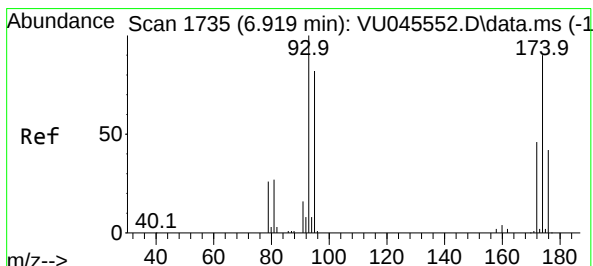
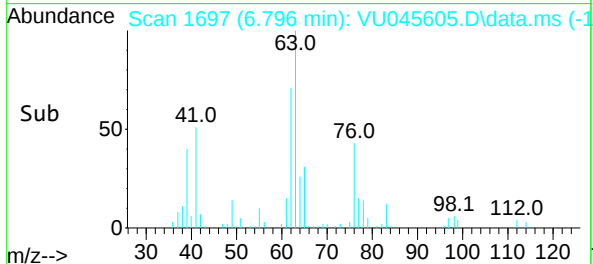
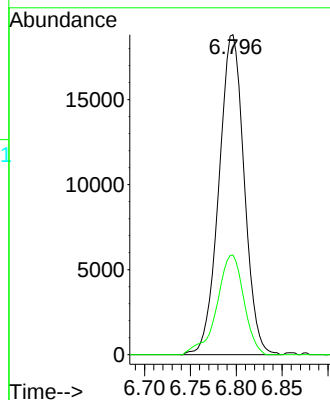
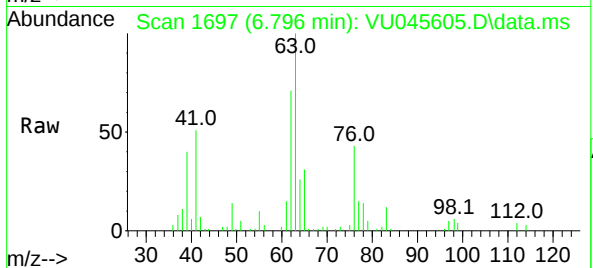
65 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#46

Dibromomethane

Concen: 21.108 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

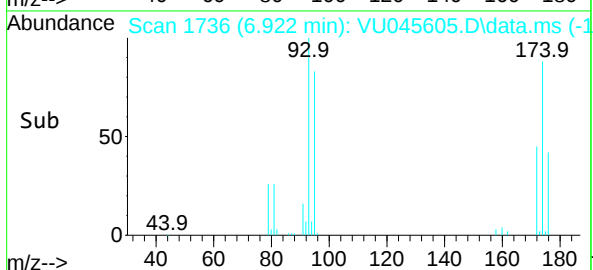
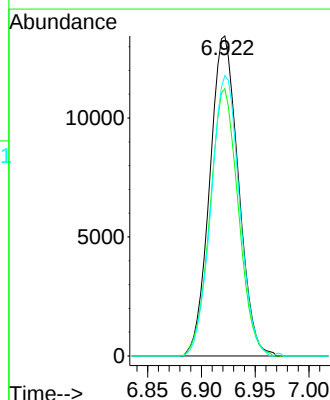
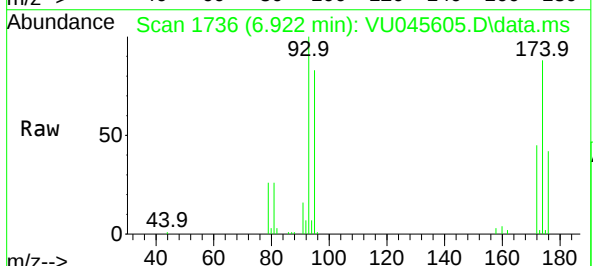
Tgt Ion: 93 Resp: 24848

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

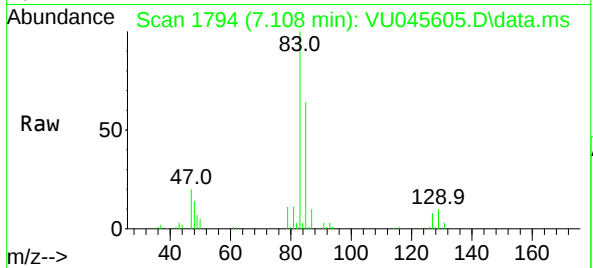
174 87.1 71.0 106.6





#47
Bromodichloromethane
Concen: 21.298 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

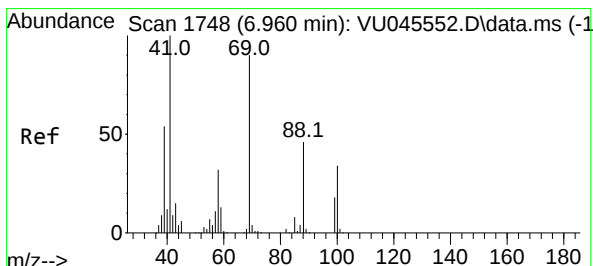
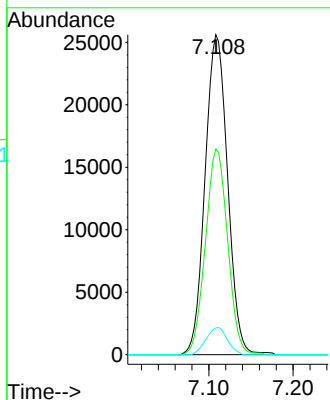
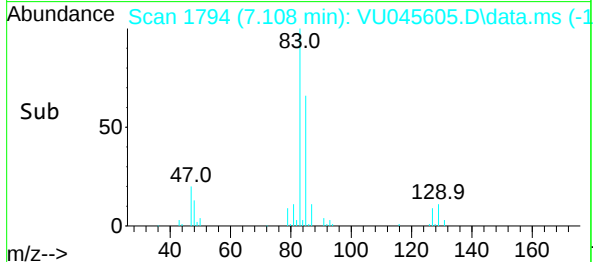
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



Tgt Ion: 83 Resp: 4757
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.4 6.2 9.2

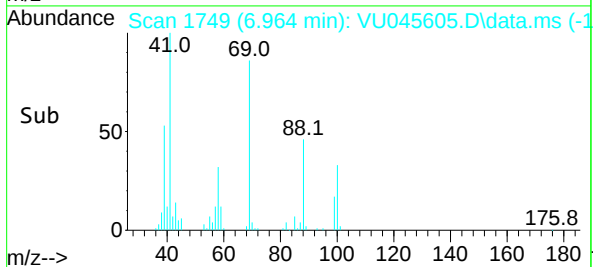
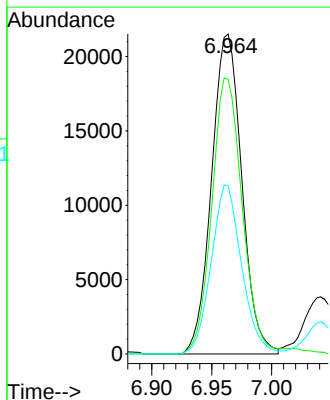
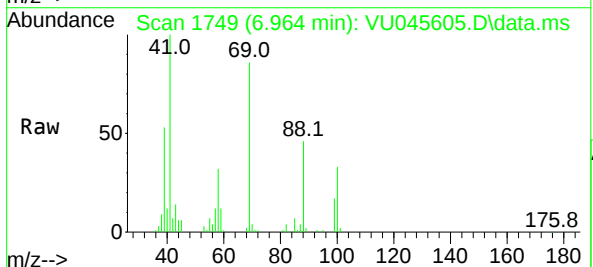
Manual Integrations
APPROVED

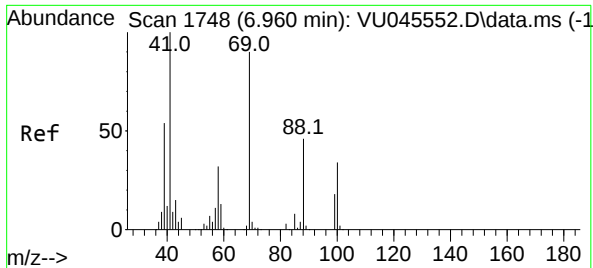
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#48
Methyl methacrylate
Concen: 21.512 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Tgt Ion: 41 Resp: 37729
Ion Ratio Lower Upper
41 100
69 86.6 70.2 105.2
39 53.1 43.9 65.9





#49

1,4-Dioxane

Concen: 429.507 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

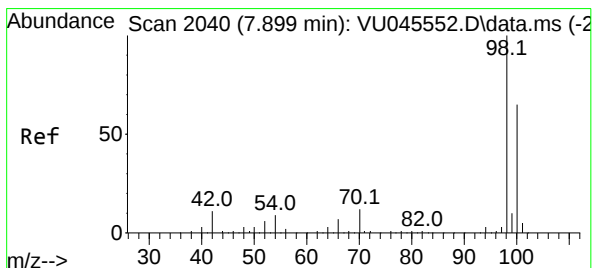
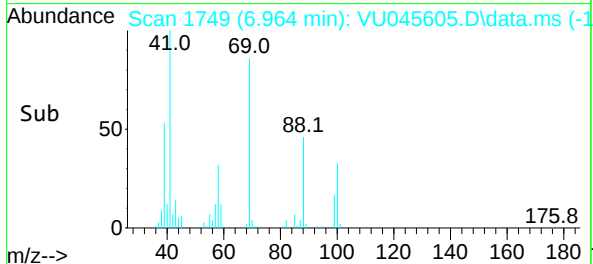
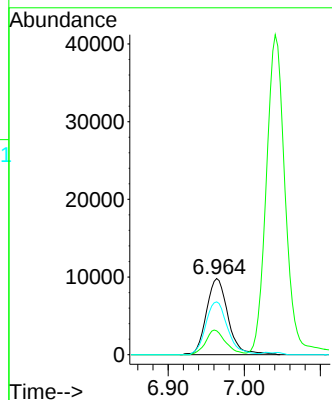
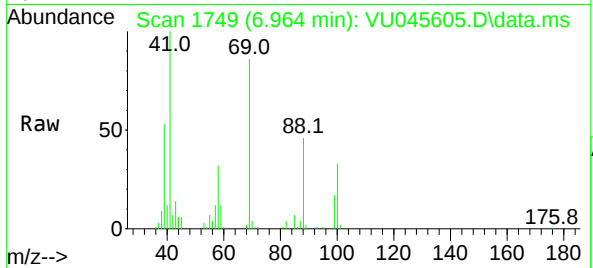
Tgt Ion: 88 Resp: 19372
 Ion Ratio Lower Upper
 88 100
 43 30.1 0.0 0.0
 58 70.0 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#50

Toluene-d8

Concen: 52.990 ug/l

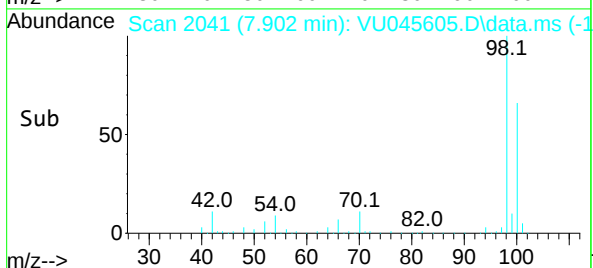
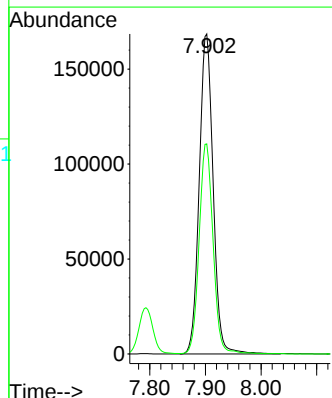
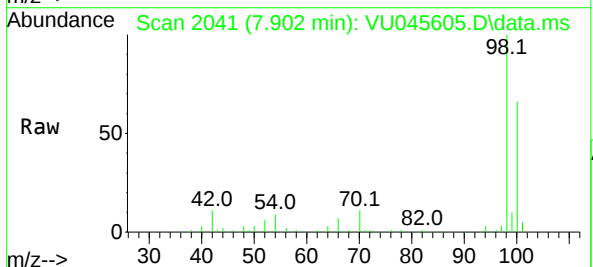
RT: 7.902 min Scan# 2041

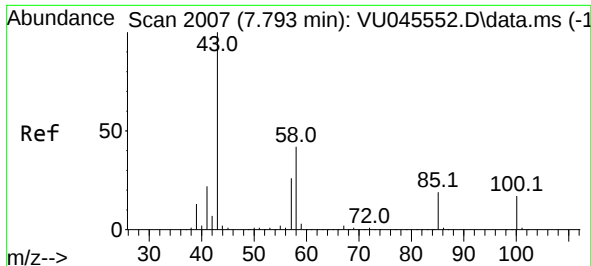
Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Tgt Ion: 98 Resp: 292602
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 106.257 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion: 43 Resp: 267089

Ion Ratio Lower Upper

43 100

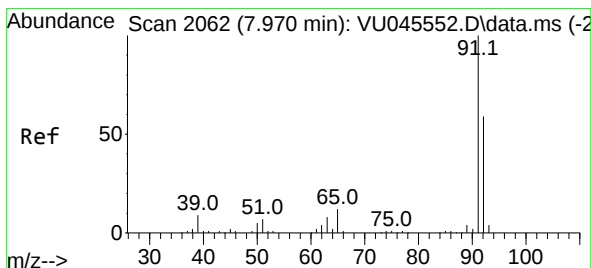
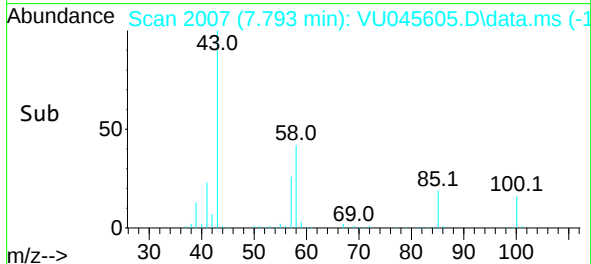
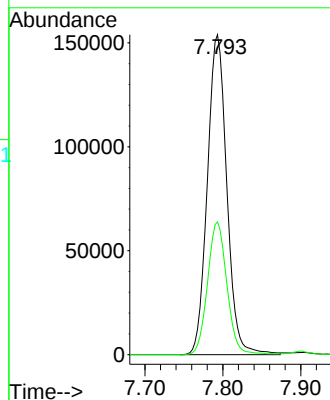
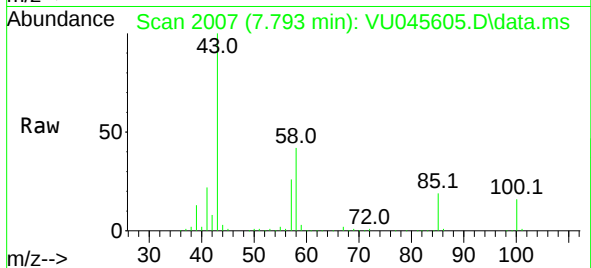
58 41.3 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#52

Toluene

Concen: 21.324 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045605.D

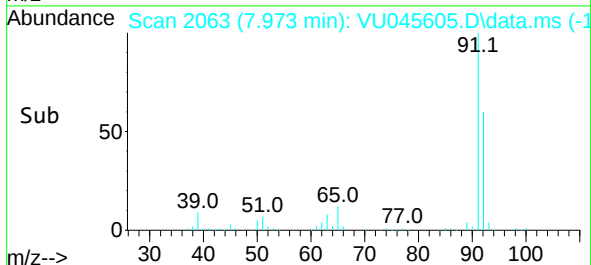
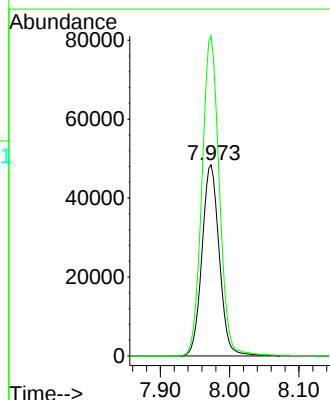
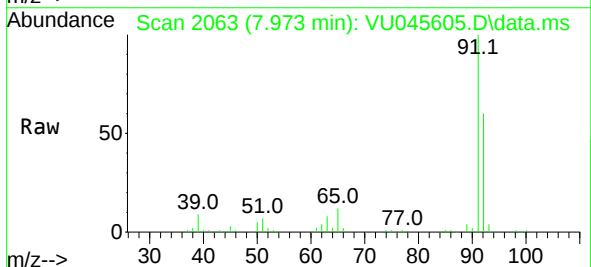
Acq: 08 Nov 2021 11:19

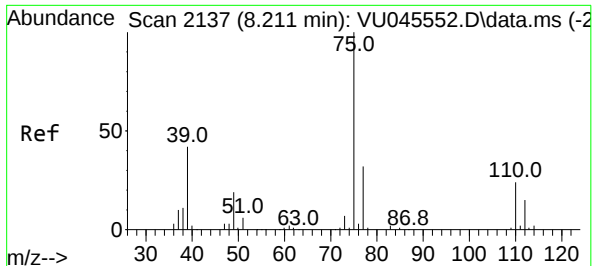
Tgt Ion: 92 Resp: 83824

Ion Ratio Lower Upper

92 100

91 168.3 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 20.652 ug/l

RT: 8.214 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion: 75 Resp: 53014

Ion Ratio Lower Upper

75 100

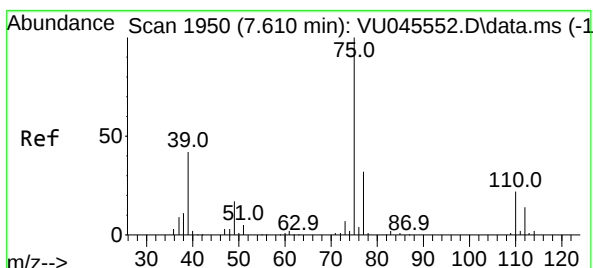
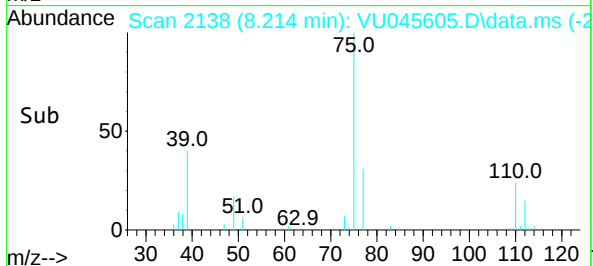
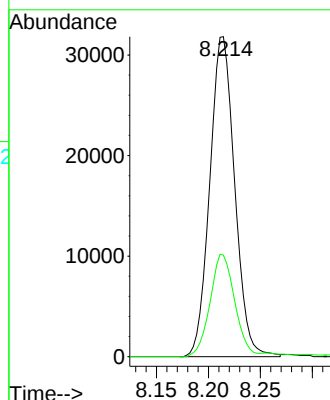
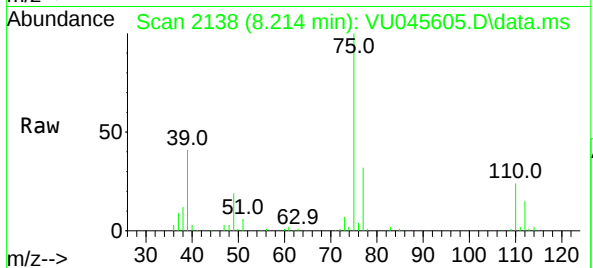
77 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#54

cis-1,3-Dichloropropene

Concen: 20.820 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

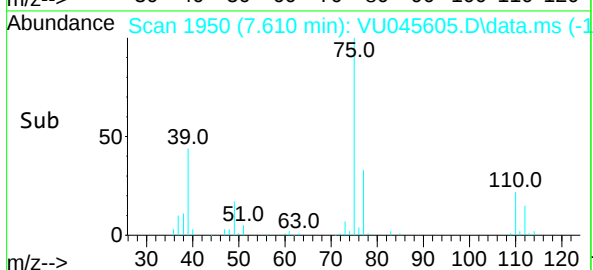
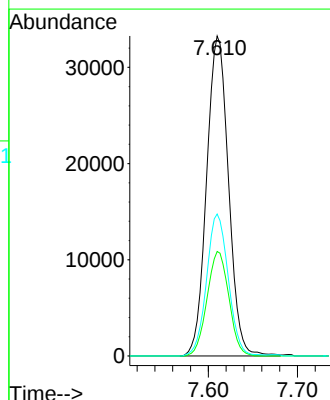
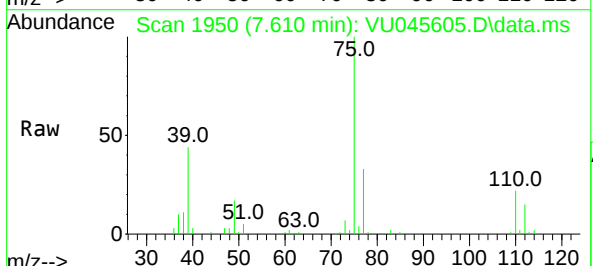
Tgt Ion: 75 Resp: 56769

Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0

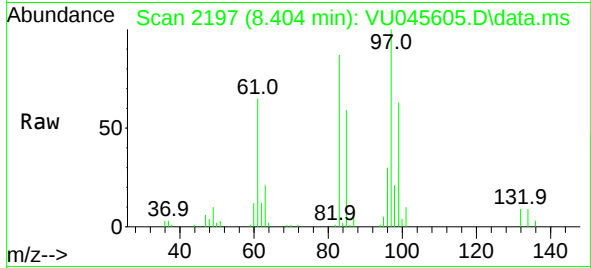
39 44.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 20.873 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

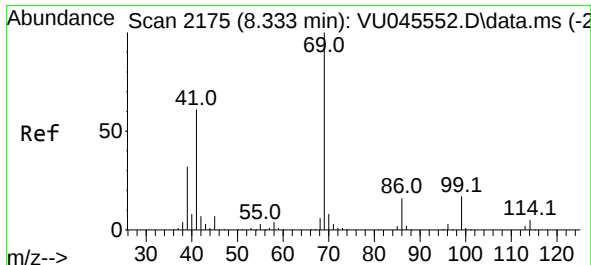
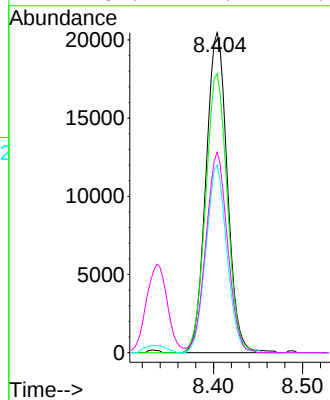
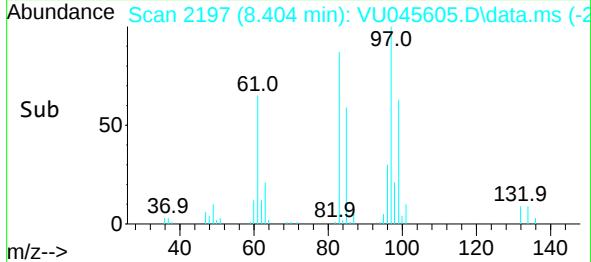
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



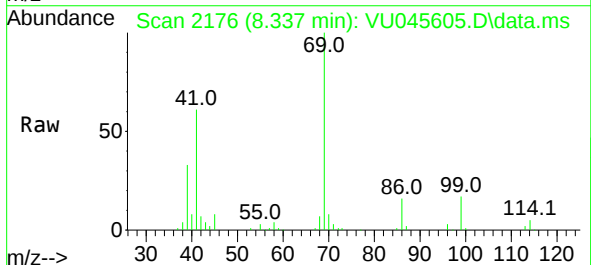
Tgt Ion: 97 Resp: 3400
Ion Ratio Lower Upper
97 100
83 87.2 70.3 105.5
85 58.6 45.5 68.3
99 62.7 49.7 74.5

Manual Integrations
APPROVED

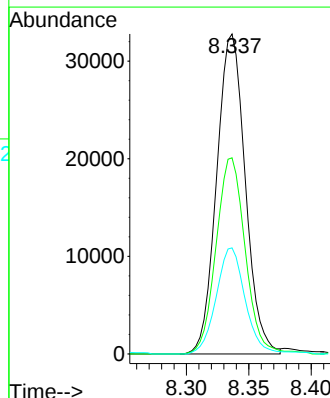
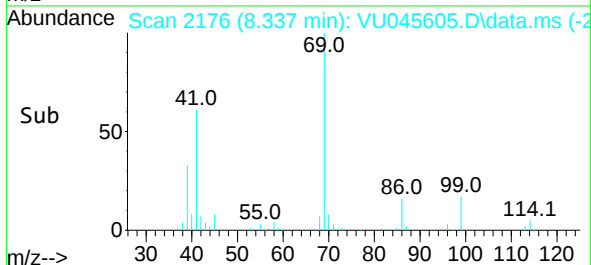
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

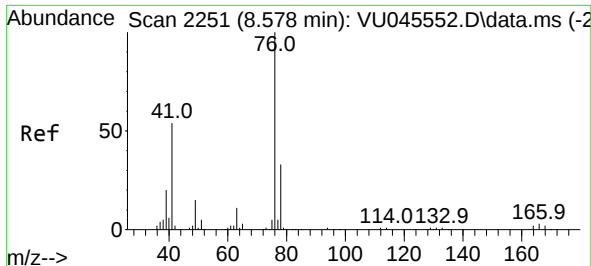


#56
Ethyl methacrylate
Concen: 19.519 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



Tgt Ion: 69 Resp: 52500
Ion Ratio Lower Upper
69 100
41 62.5 51.0 76.4
39 33.8 26.6 39.8





#57

1,3-Dichloropropane

Concen: 21.243 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion: 76 Resp: 62330

Ion Ratio Lower Upper

76 100

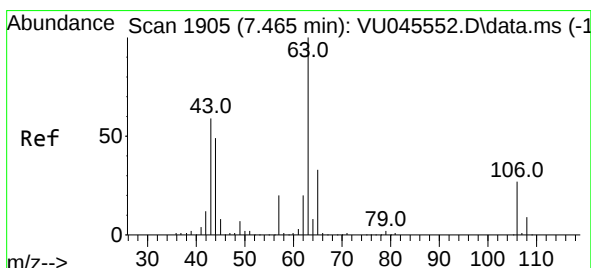
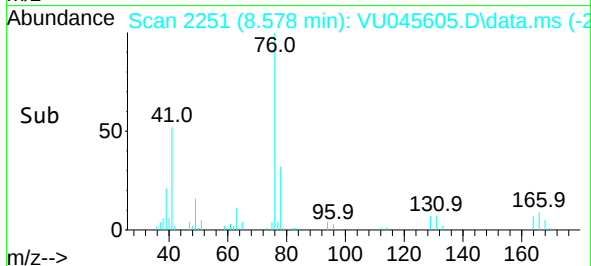
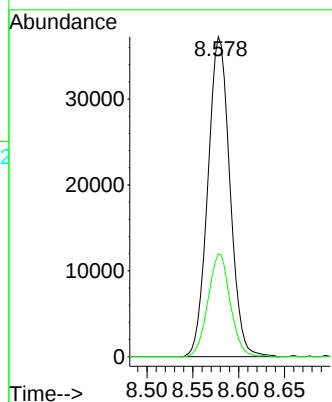
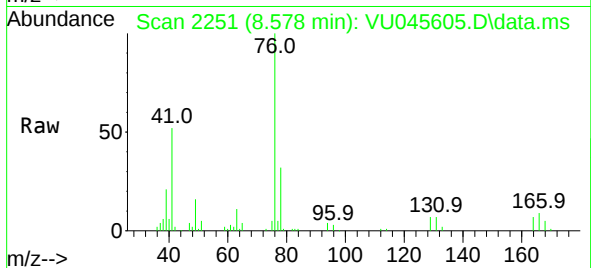
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 97.054 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045605.D

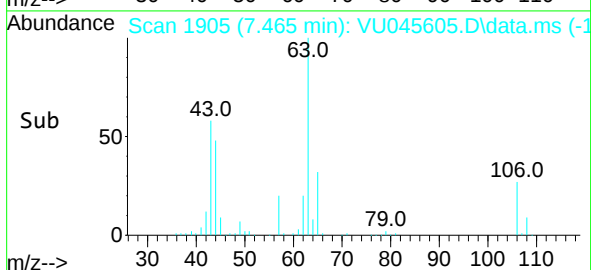
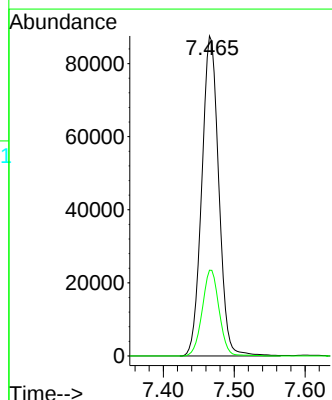
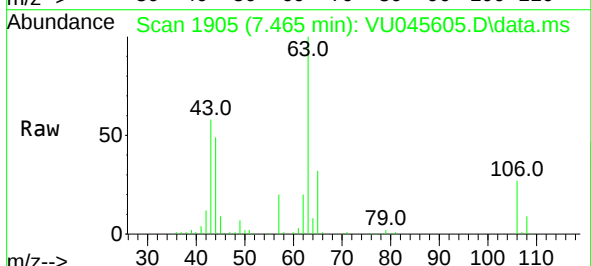
Acq: 08 Nov 2021 11:19

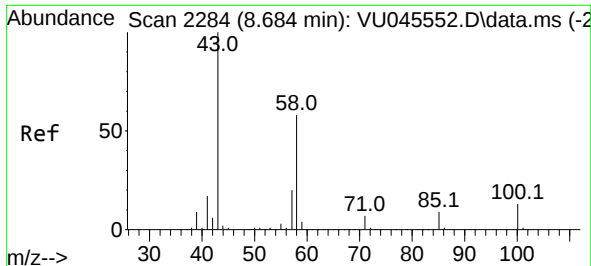
Tgt Ion: 63 Resp: 145570

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4





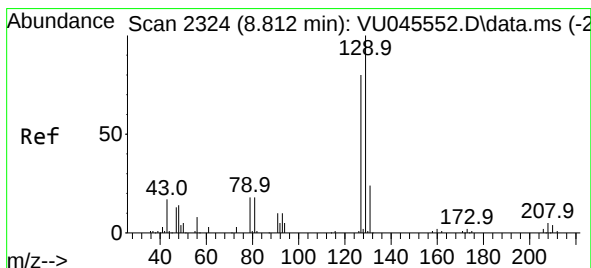
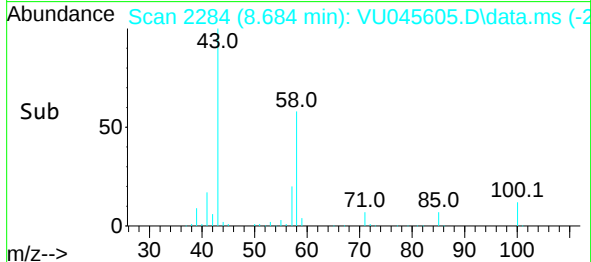
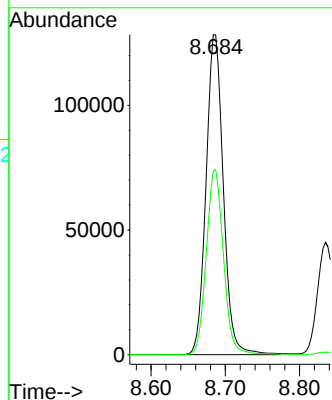
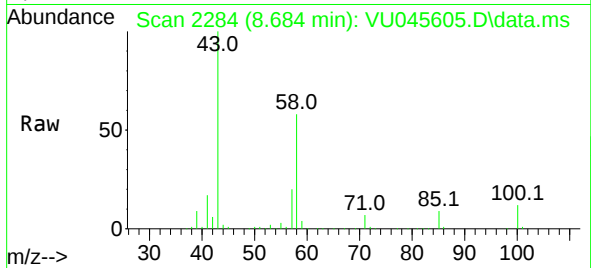
#59
2-Hexanone
Concen: 99.414 ug/l
RT: 8.684 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01

Tgt Ion: 43 Resp: 207199
Ion Ratio Lower Upper
43 100
58 57.6 29.5 88.6

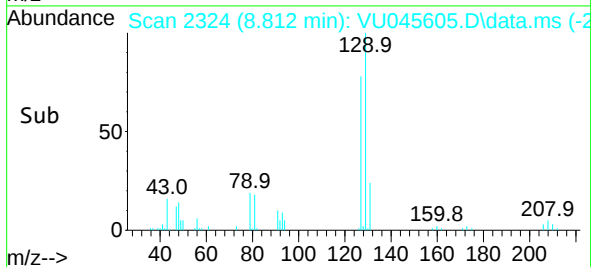
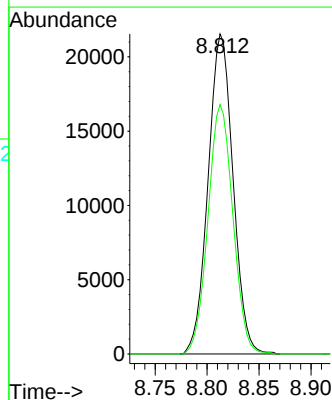
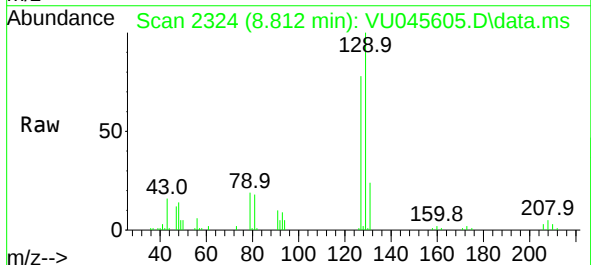
Manual Integrations
APPROVED

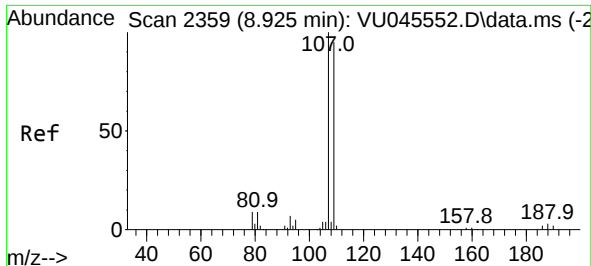
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#60
Dibromochloromethane
Concen: 21.211 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

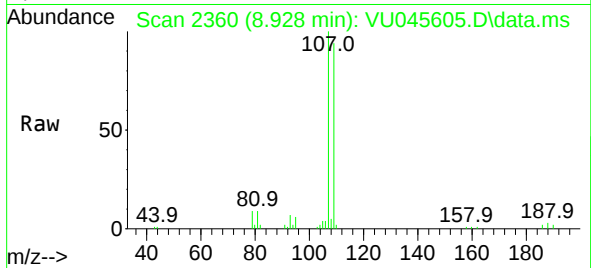
Tgt Ion:129 Resp: 35983
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 20.717 ug/l
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

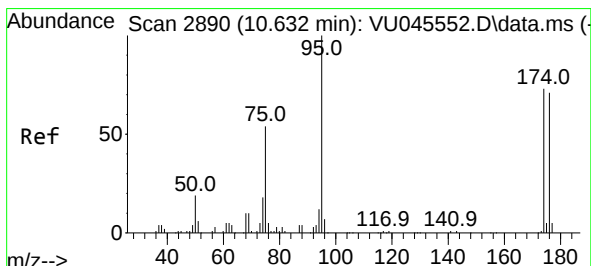
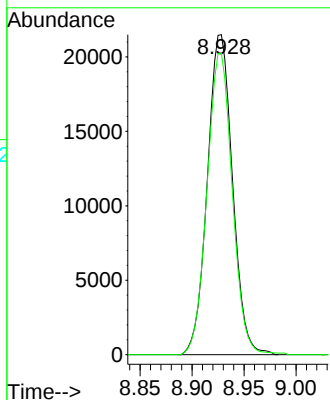
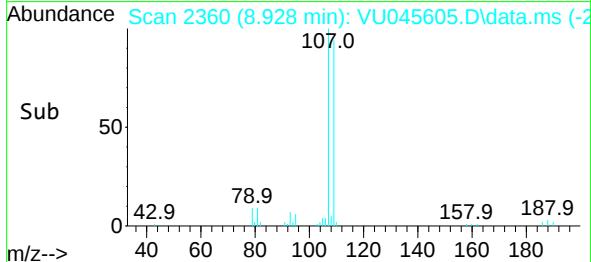
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



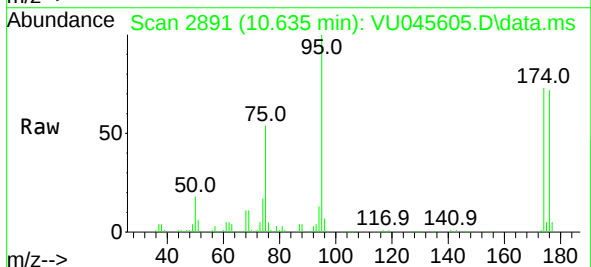
Tgt Ion:107 Resp: 36200
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.8

Manual Integrations
APPROVED

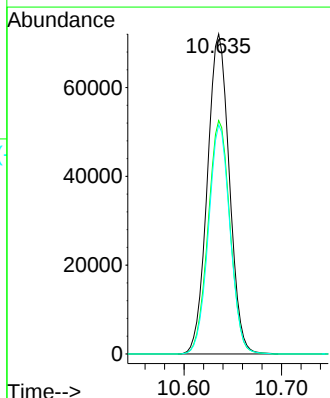
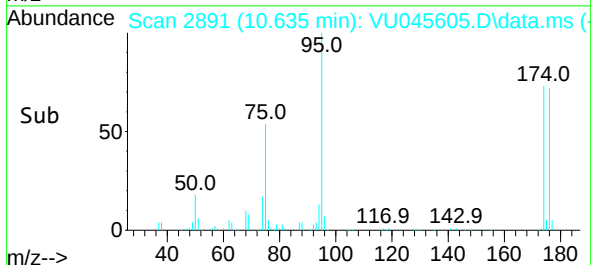
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

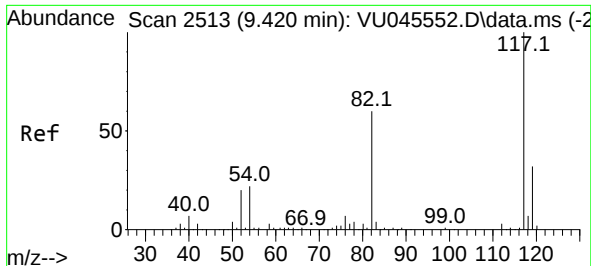


#62
4-Bromofluorobenzene
Concen: 51.092 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



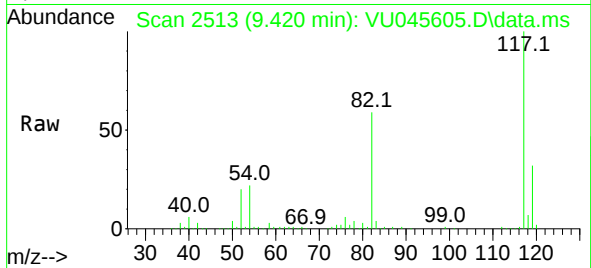
Tgt Ion: 95 Resp: 113128
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.8
176 70.1 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

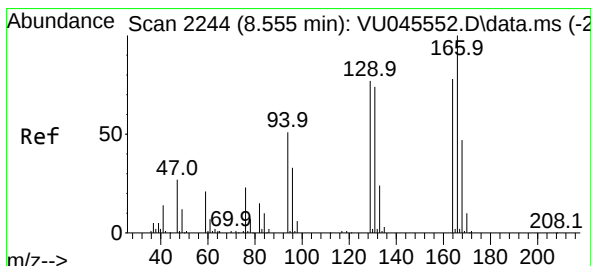
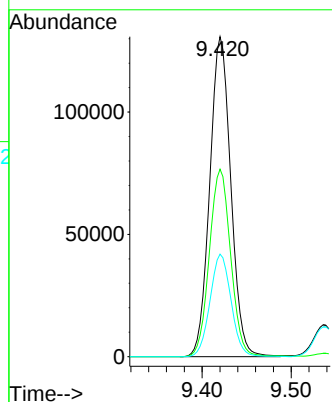
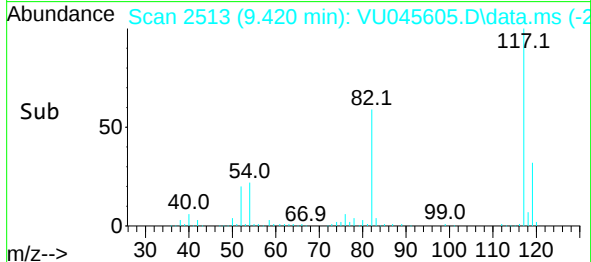
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



Tgt Ion:117 Resp: 21459
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.8
119 32.1 25.8 38.8

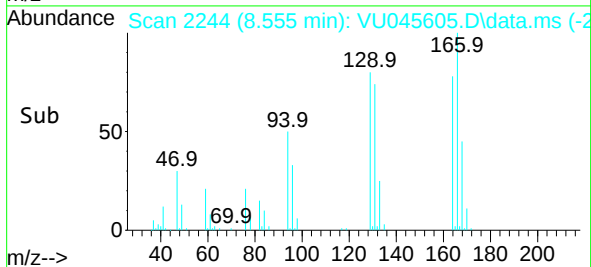
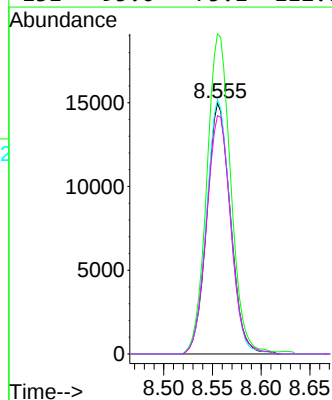
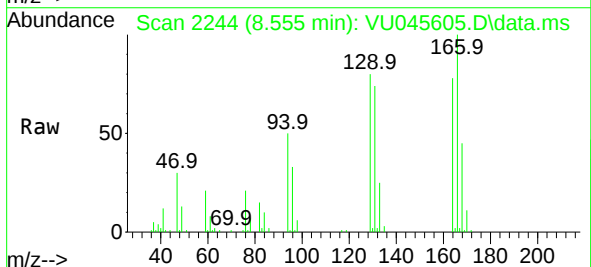
Manual Integrations
APPROVED

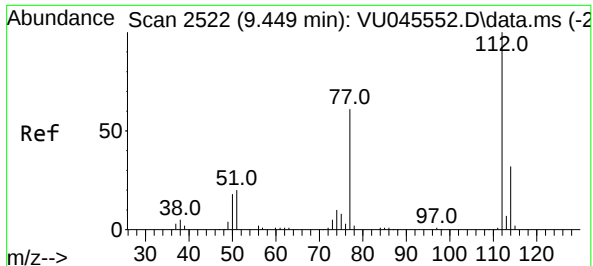
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#64
Tetrachloroethene
Concen: 20.547 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Tgt Ion:164 Resp: 25307
Ion Ratio Lower Upper
164 100
166 127.6 102.2 153.4
129 101.5 78.2 117.4
131 95.0 75.1 112.7





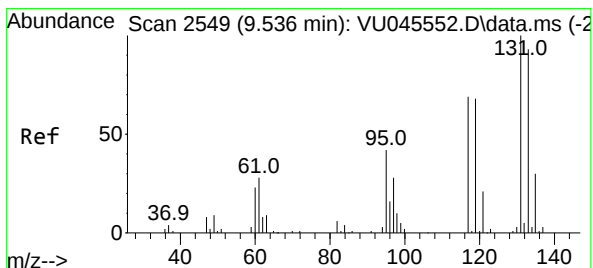
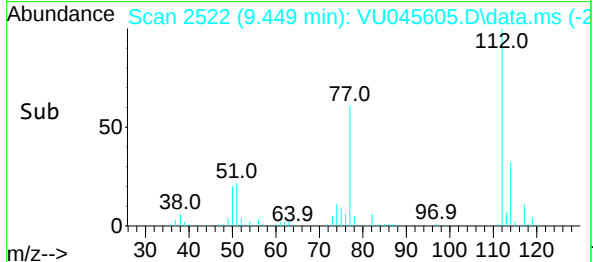
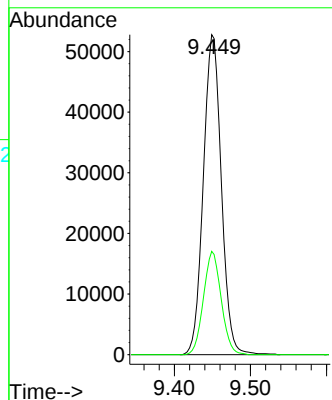
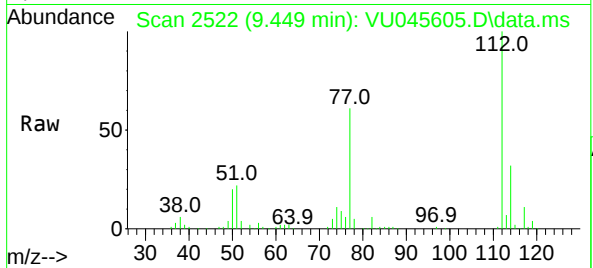
#65
Chlorobenzene
Concen: 20.598 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01

Tgt Ion:112 Resp: 8682
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

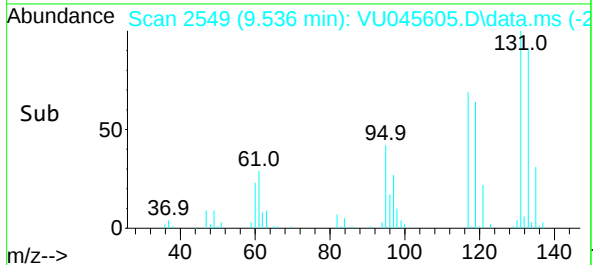
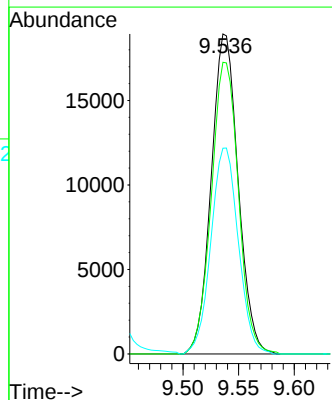
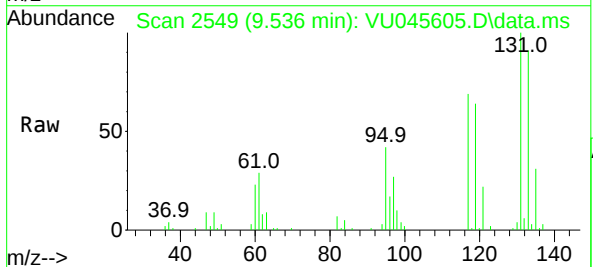
Manual Integrations
APPROVED

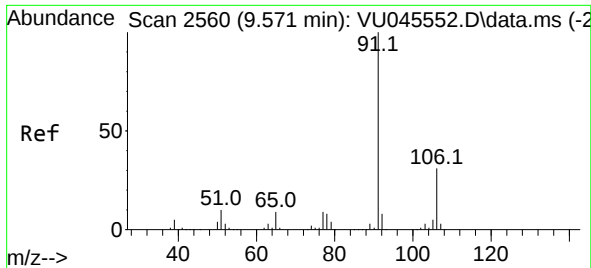
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 21.192 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Tgt Ion:131 Resp: 31858
Ion Ratio Lower Upper
131 100
133 91.9 47.9 143.6
119 65.4 34.5 103.6





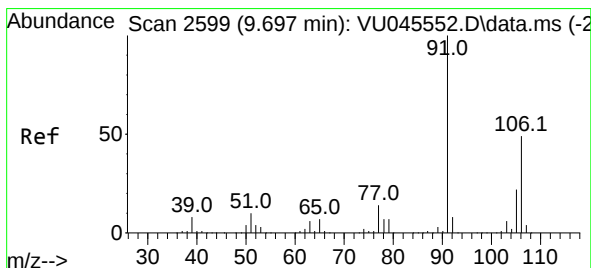
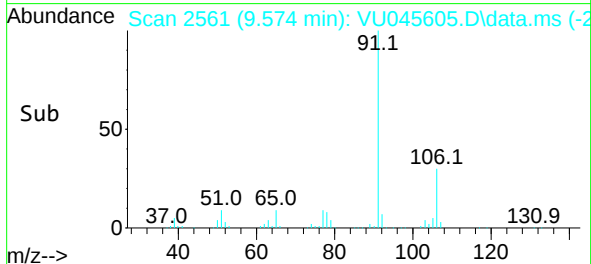
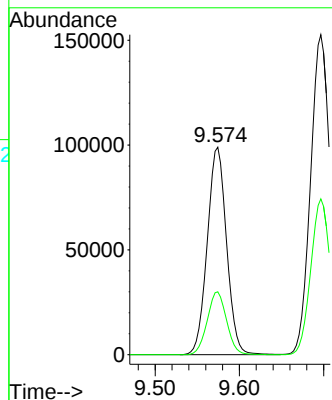
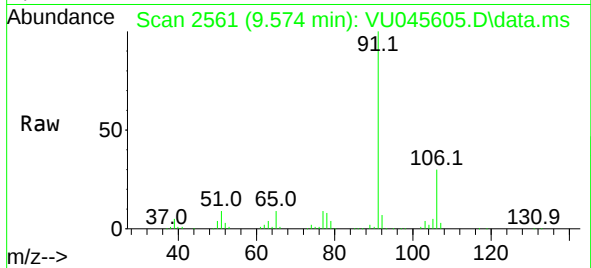
#67
Ethyl Benzene
Concen: 20.920 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01

Tgt Ion: 91 Resp: 157910
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

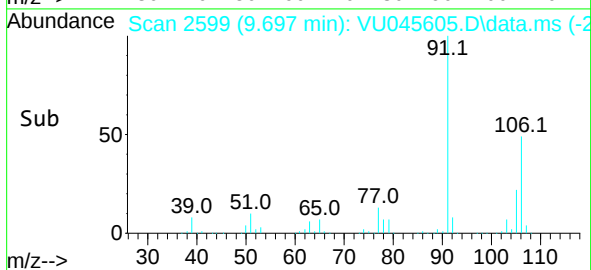
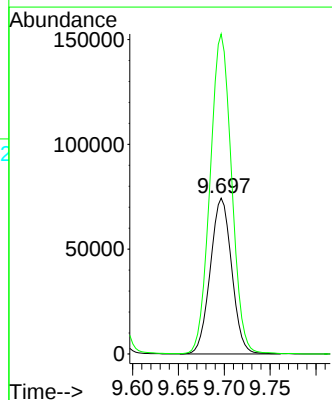
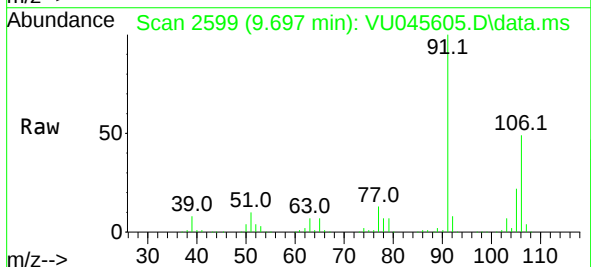
Manual Integrations
APPROVED

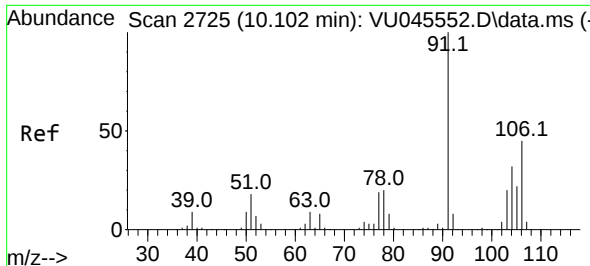
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#68
m/p-Xylenes
Concen: 42.372 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Tgt Ion:106 Resp: 120626
Ion Ratio Lower Upper
106 100
91 206.4 164.7 247.1





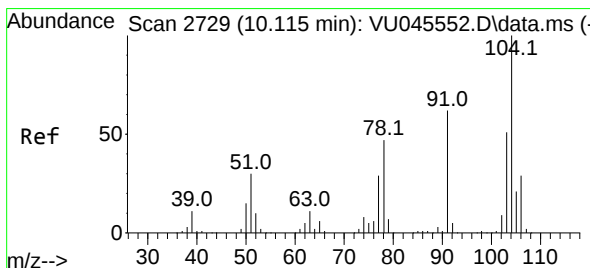
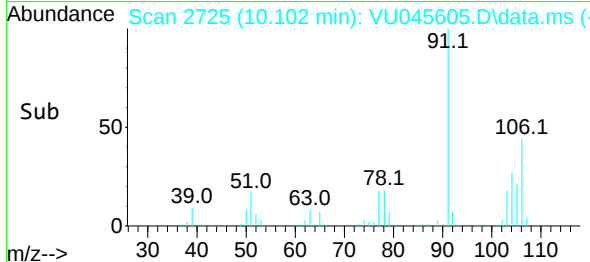
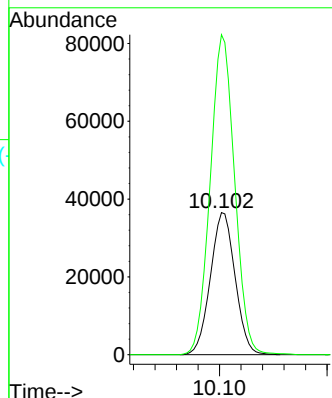
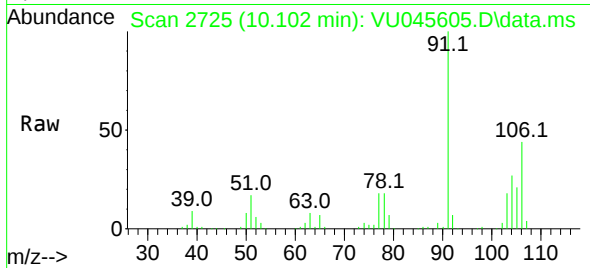
#69
o-Xylene
Concen: 21.043 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01

Tgt Ion:106 Resp: 5824
Ion Ratio Lower Upper
106 100
91 222.7 108.7 326.3

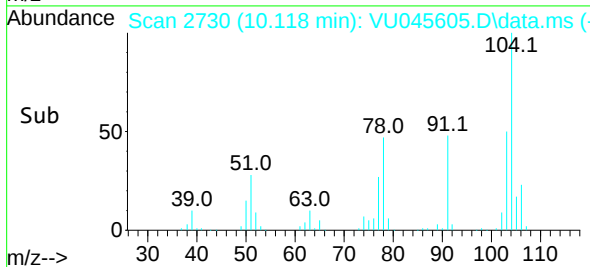
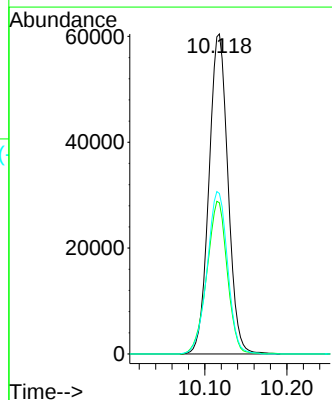
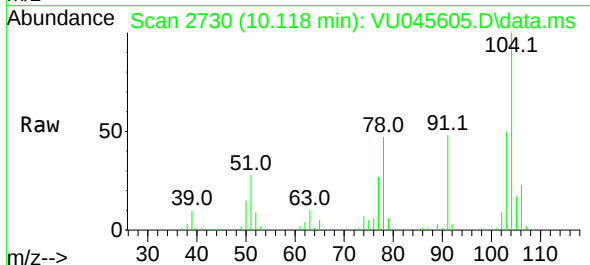
Manual Integrations
APPROVED

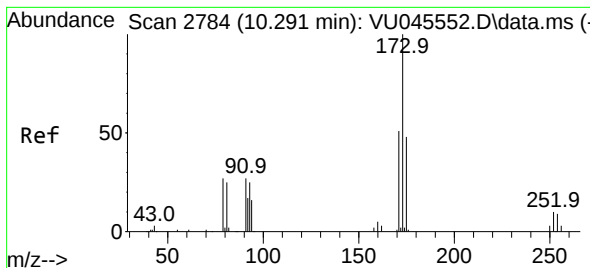
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#70
Styrene
Concen: 20.888 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Tgt Ion:104 Resp: 97803
Ion Ratio Lower Upper
104 100
78 51.1 41.8 62.6
103 54.6 43.8 65.6





#71

Bromoform

Concen: 19.976 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

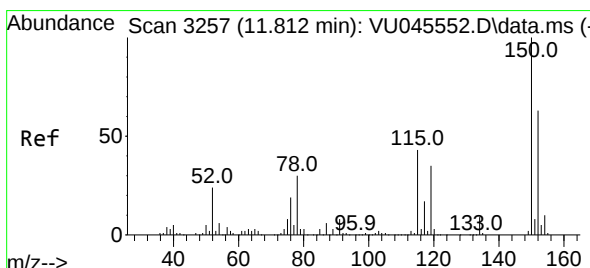
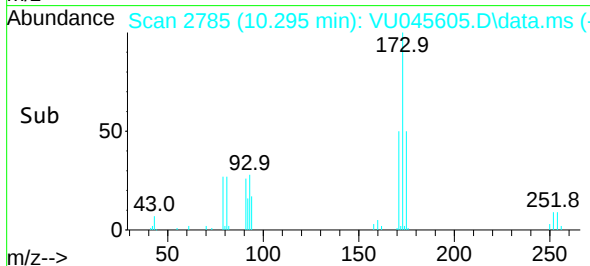
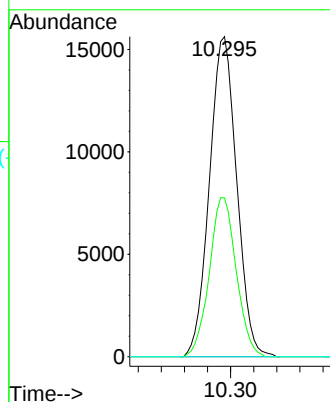
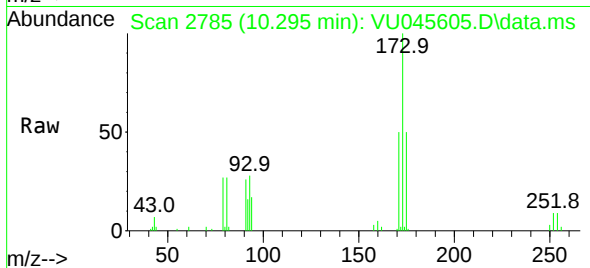
Tgt Ion:173	Resp:	2561
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.1 72.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

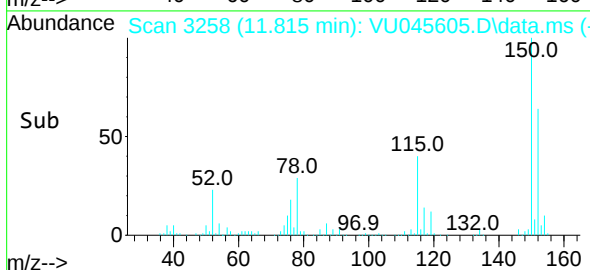
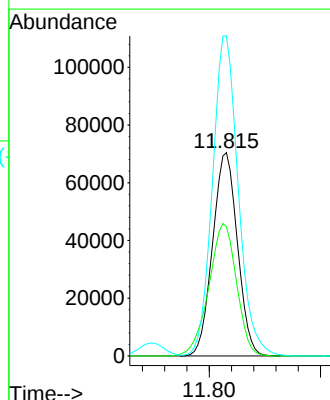
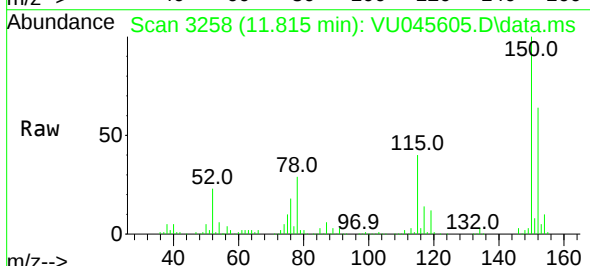
RT: 11.815 min Scan# 3258

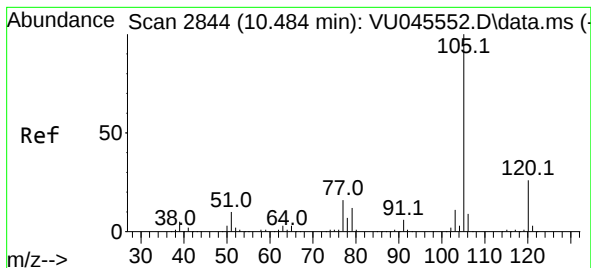
Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Tgt Ion:152	Resp:	108945
Ion Ratio	Lower	Upper
152	100	
115	72.7	42.7 128.1
150	164.0	0.0 346.8





#73

Isopropylbenzene

Concen: 21.632 ug/l

RT: 10.488 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion:105 Resp: 15398

Ion Ratio Lower Upper

105 100

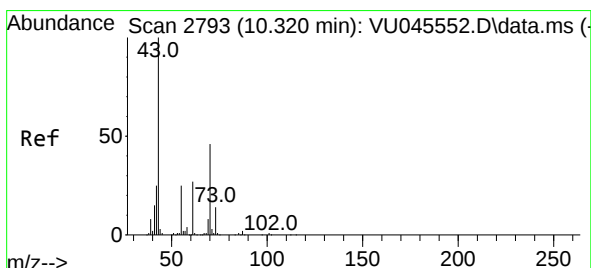
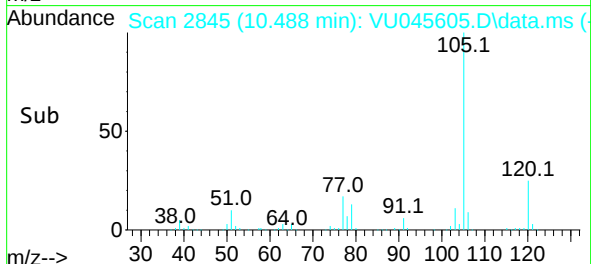
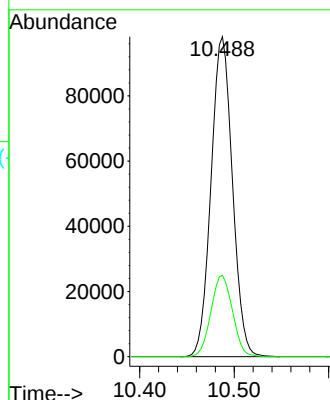
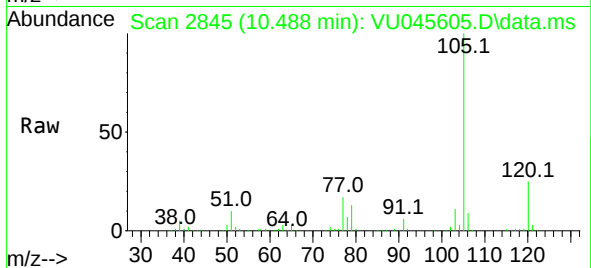
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#74

N-ethyl acetate

Concen: 21.110 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Tgt Ion: 43 Resp: 67791

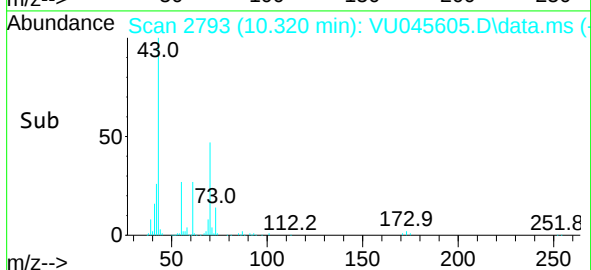
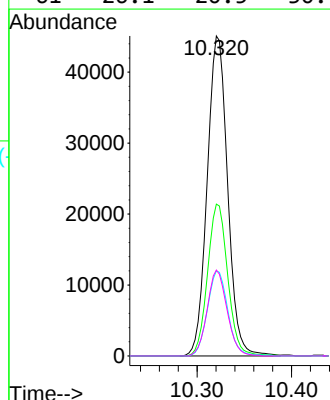
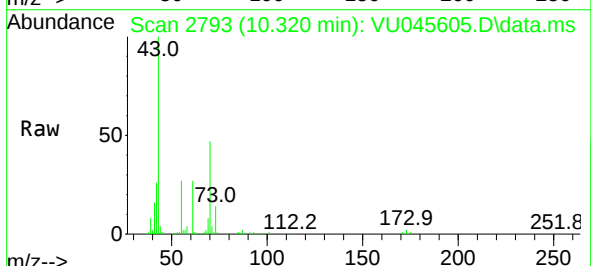
Ion Ratio Lower Upper

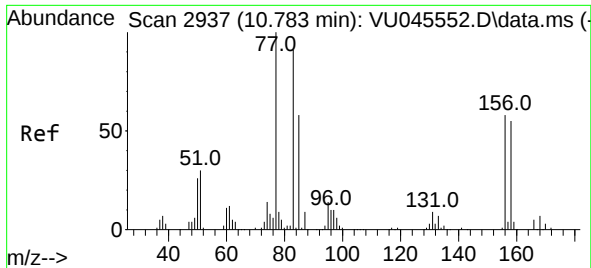
43 100

70 46.9 36.9 55.3

55 26.6 20.6 31.0

61 26.1 20.5 30.7





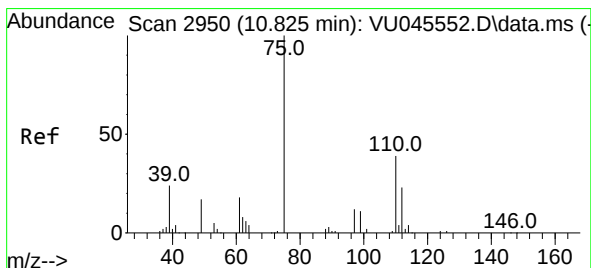
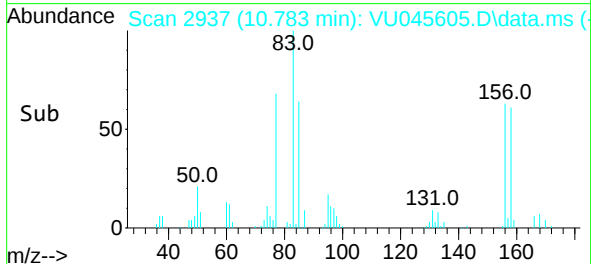
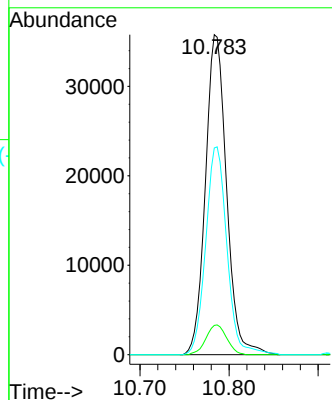
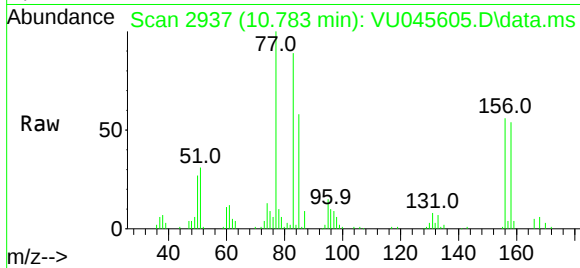
#75
1,1,2,2-Tetrachloroethane
Concen: 20.890 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01

Tgt Ion: 83 Resp: 58910
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 65.1 31.9 95.9

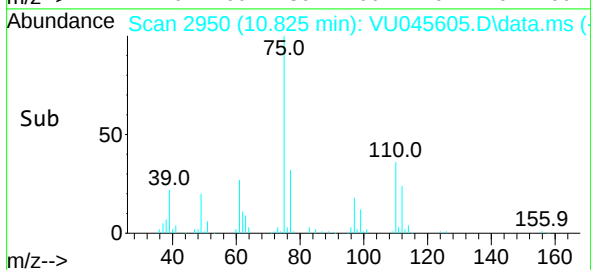
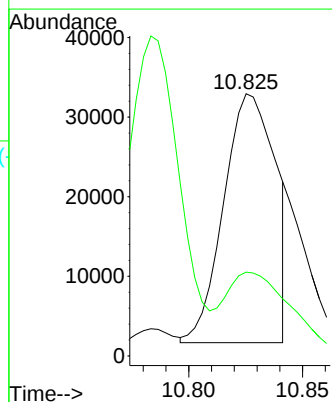
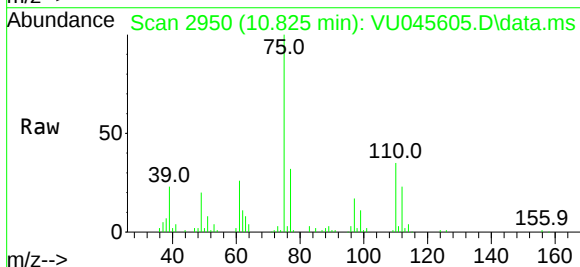
Manual Integrations
APPROVED

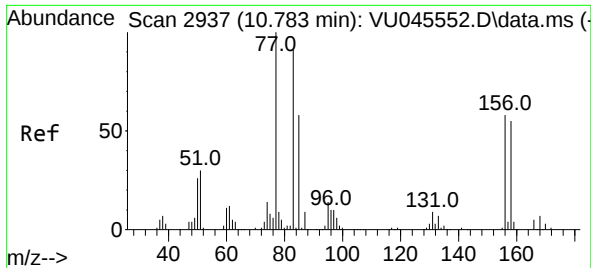
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#76
1,2,3-Trichloropropane
Concen: 14.947 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

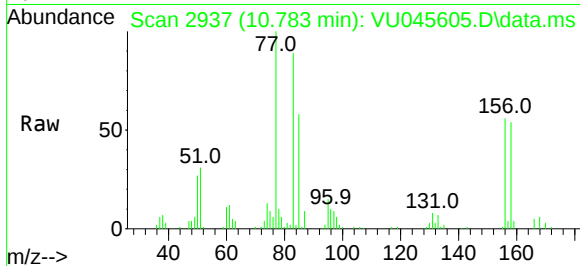
Tgt Ion: 75 Resp: 49381
Ion Ratio Lower Upper
75 100
77 42.1 17.1 51.3





#77
Bromobenzene
Concen: 21.036 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

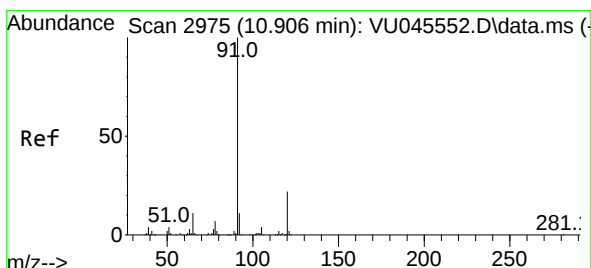
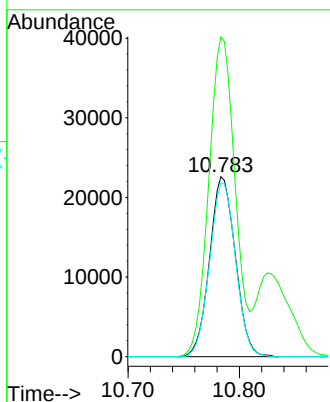
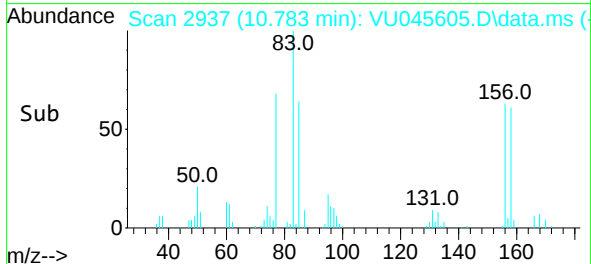
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



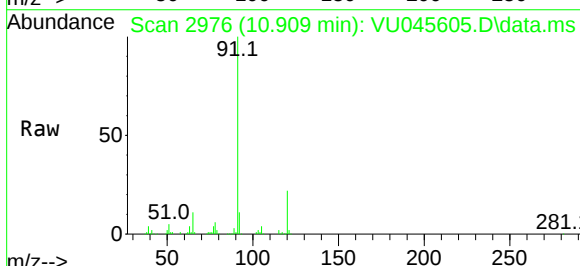
Tgt Ion:156 Resp: 36350
Ion Ratio Lower Upper
156 100
77 180.5 91.1 273.4
158 97.1 47.9 143.6

Manual Integrations
APPROVED

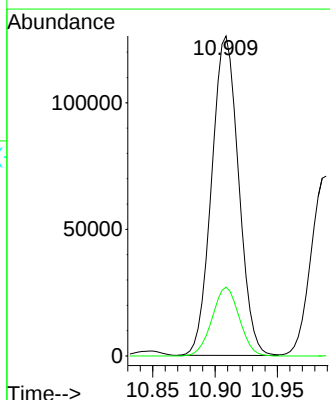
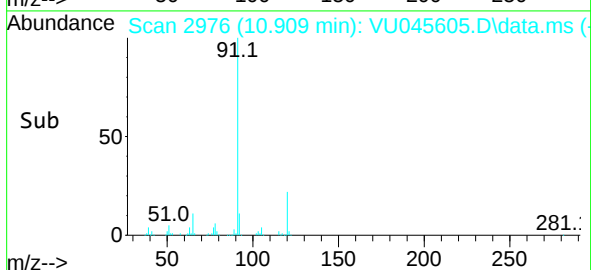
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

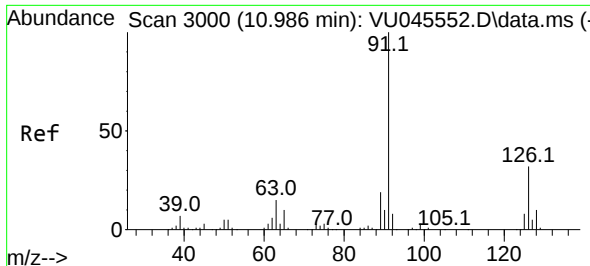


#78
n-propylbenzene
Concen: 21.452 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



Tgt Ion: 91 Resp: 190055
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7





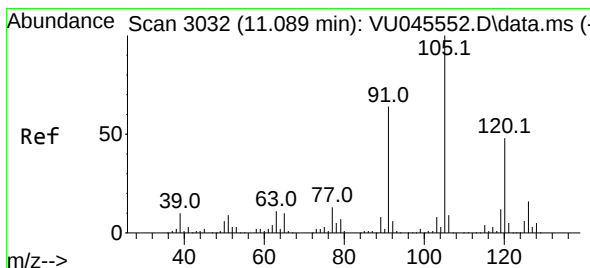
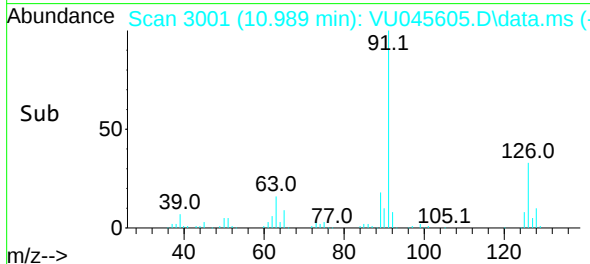
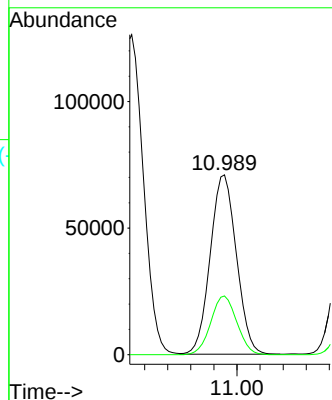
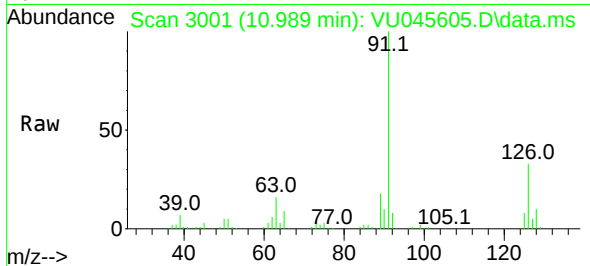
#79
2-Chlorotoluene
Concen: 21.310 ug/l
RT: 10.989 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01

Tgt Ion: 91 Resp: 11154
Ion Ratio Lower Upper
91 100
126 32.6 15.6 46.8

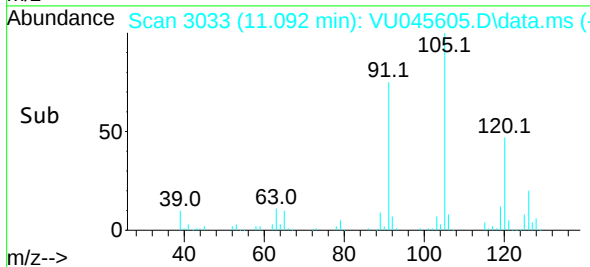
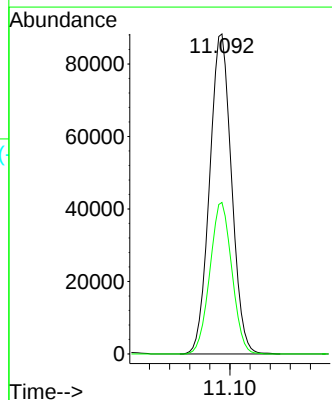
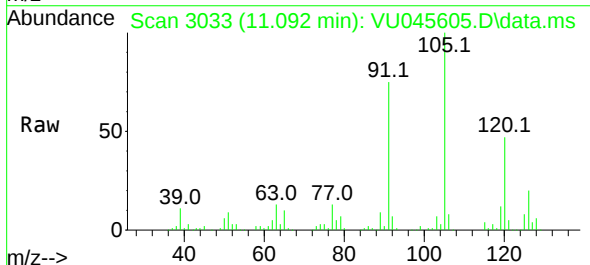
Manual Integrations
APPROVED

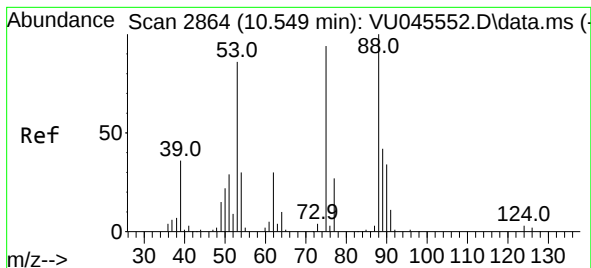
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.473 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

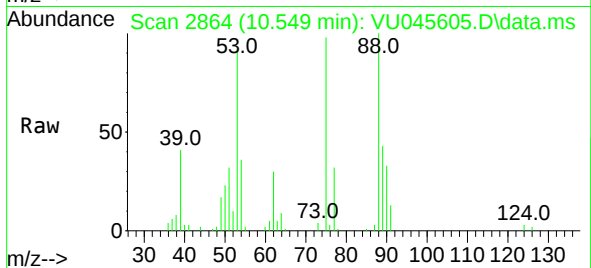
Tgt Ion:105 Resp: 133547
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 20.700 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

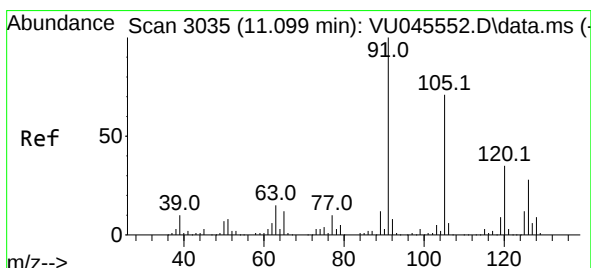
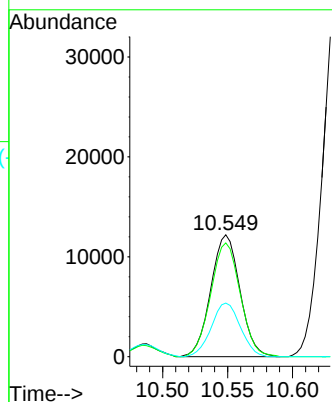
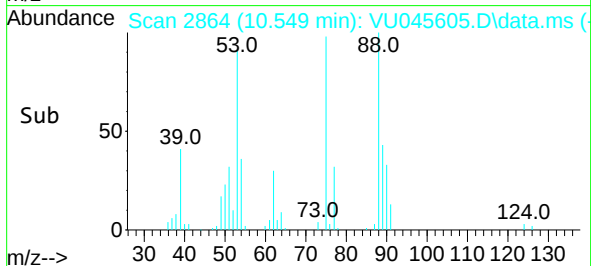
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



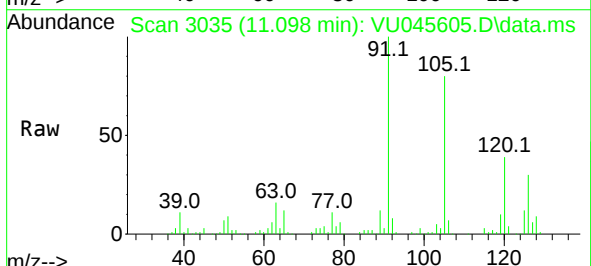
Tgt Ion: 75 Resp: 1899
Ion Ratio Lower Upper
75 100
53 94.8 76.2 114.4
89 44.0 34.0 51.0

Manual Integrations
APPROVED

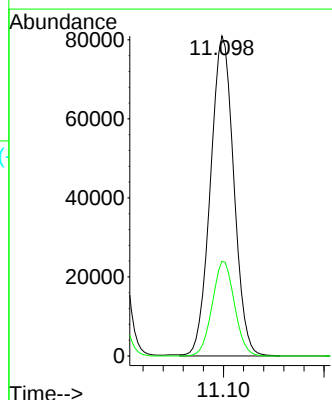
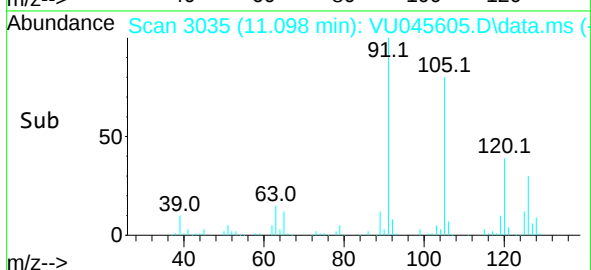
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

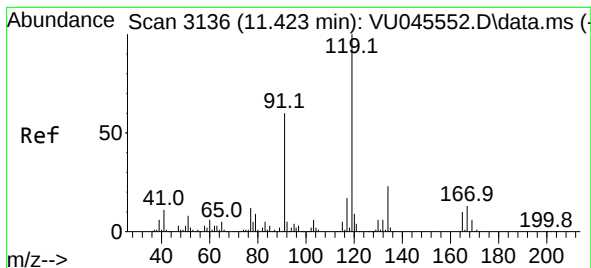


#82
4-Chlorotoluene
Concen: 21.265 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



Tgt Ion: 91 Resp: 130539
Ion Ratio Lower Upper
91 100
126 28.1 13.8 41.4





#83

tert-Butylbenzene

Concen: 21.600 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion:119 Resp: 128058

Ion Ratio Lower Upper

119 100

91 59.5 30.5 91.5

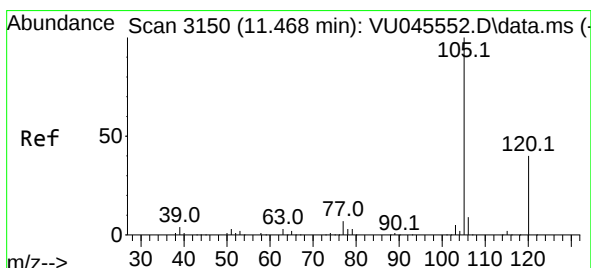
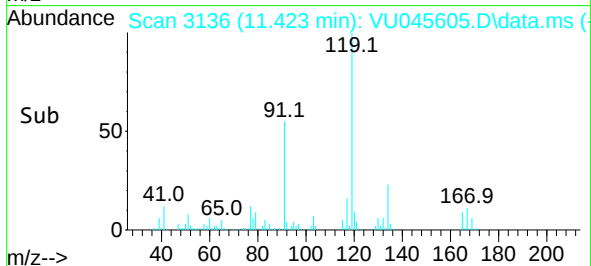
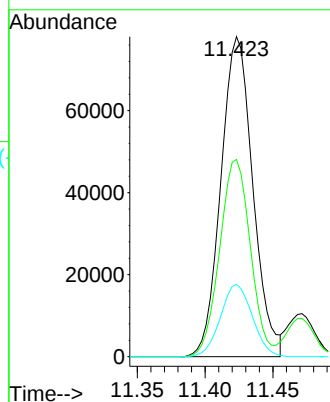
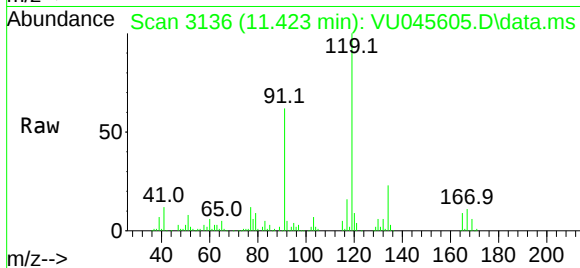
134 22.5 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#84

1,2,4-Trimethylbenzene

Concen: 21.766 ug/l

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU045605.D

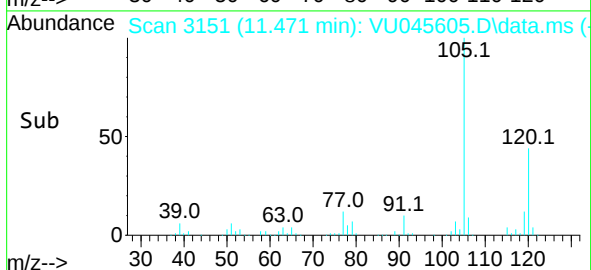
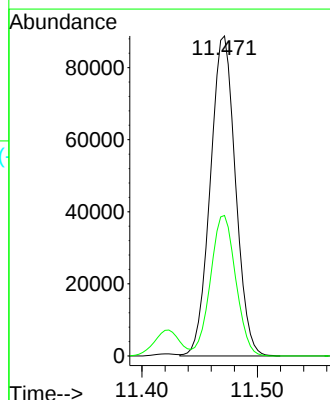
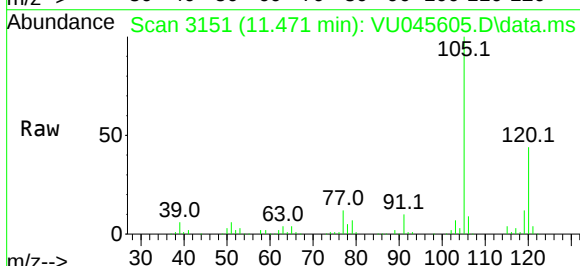
Acq: 08 Nov 2021 11:19

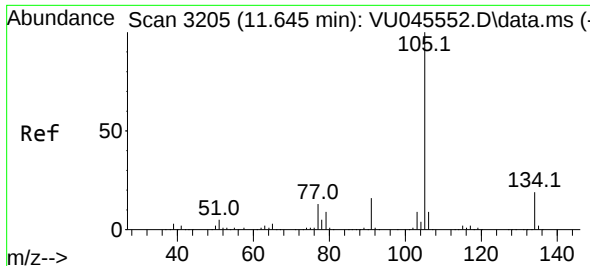
Tgt Ion:105 Resp: 134539

Ion Ratio Lower Upper

105 100

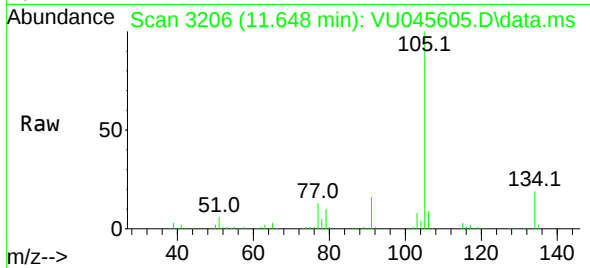
120 44.0 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 21.327 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19

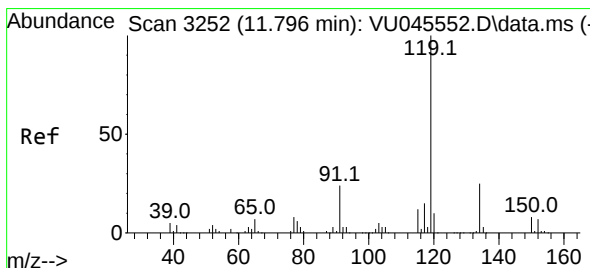
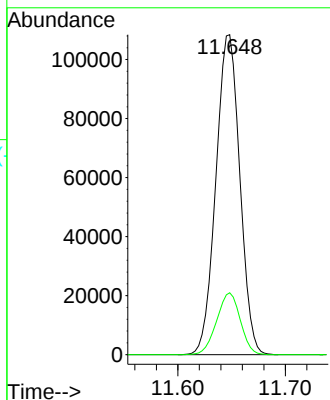
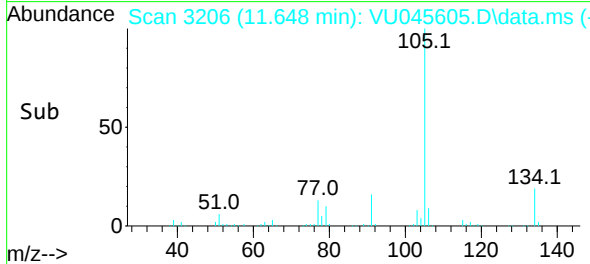
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108MBS01



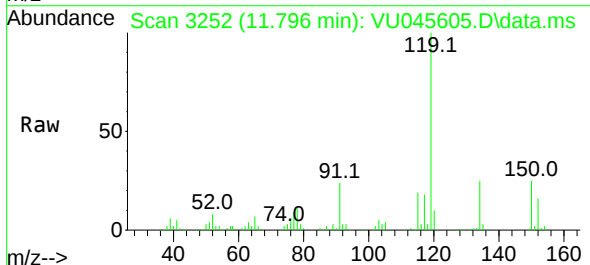
Tgt Ion:105 Resp: 16768
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

Manual Integrations
 APPROVED

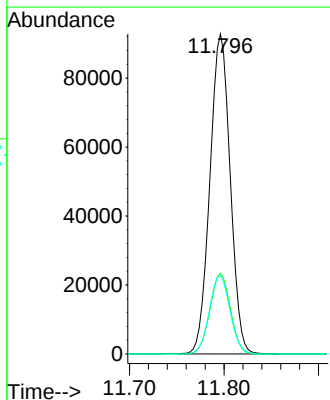
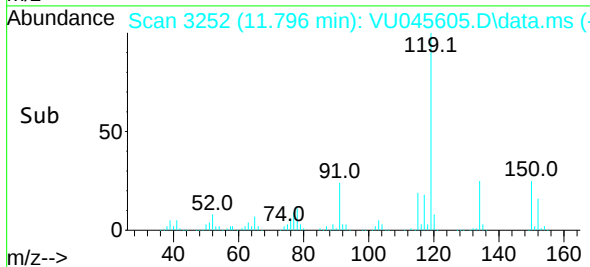
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021

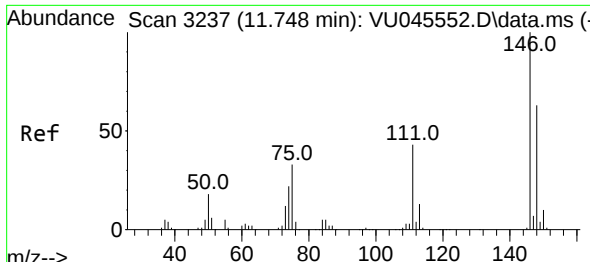


#86
 p-Isopropyltoluene
 Concen: 21.064 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19



Tgt Ion:119 Resp: 138401
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 25.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.100 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion:146 Resp: 7099

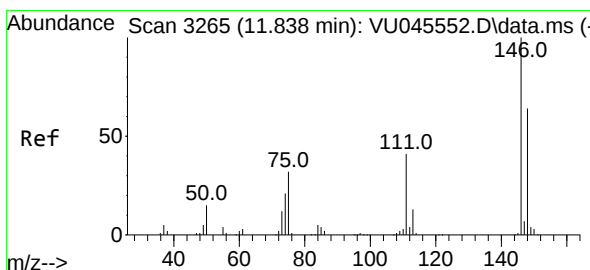
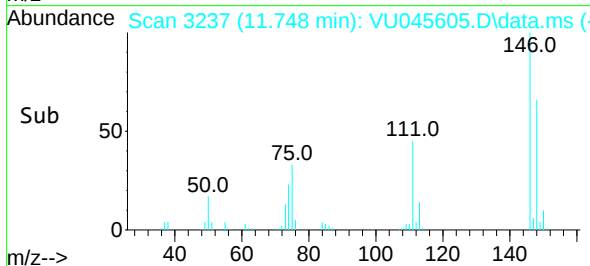
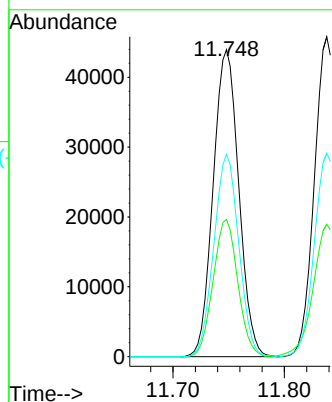
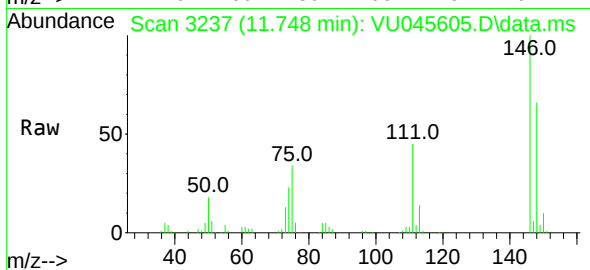
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.3	63.9
148	64.4	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#88

1,4-Dichlorobenzene

Concen: 20.119 ug/l

RT: 11.838 min Scan# 3265

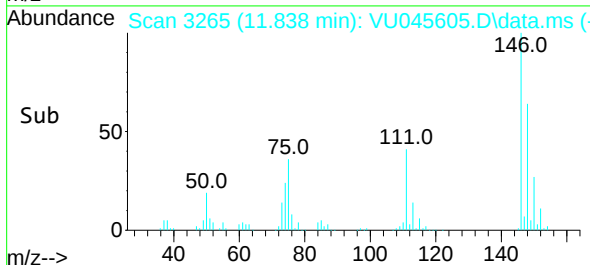
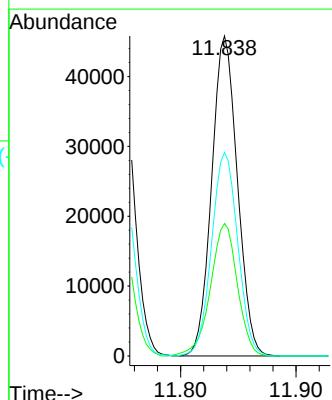
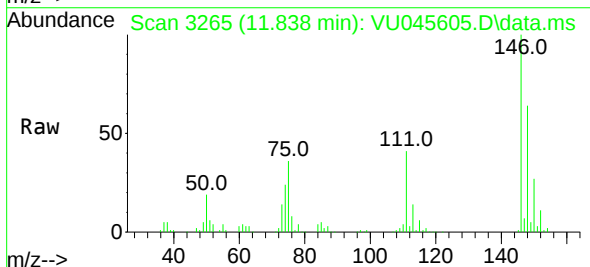
Delta R.T. -0.000 min

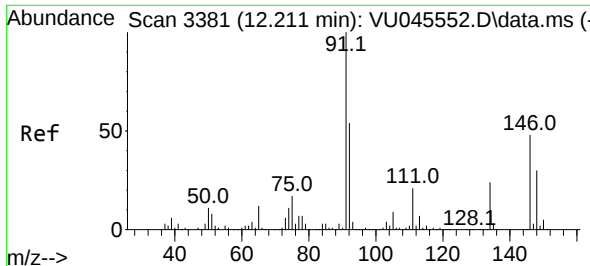
Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Tgt Ion:146 Resp: 70957

Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.6	61.9
148	64.8	31.9	95.7





#89

n-Butylbenzene

Concen: 20.166 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU045605.D

Acq: 08 Nov 2021 11:19

Instrument :

MSVOA_U

ClientSampleId :

VU1108MBS01

Tgt Ion: 91 Resp: 127638

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

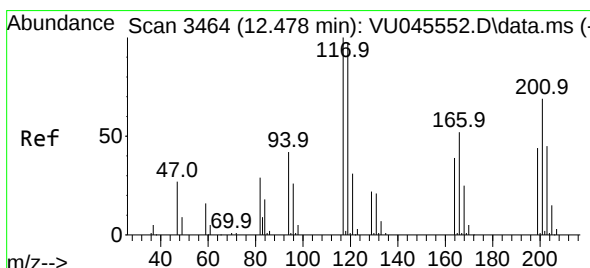
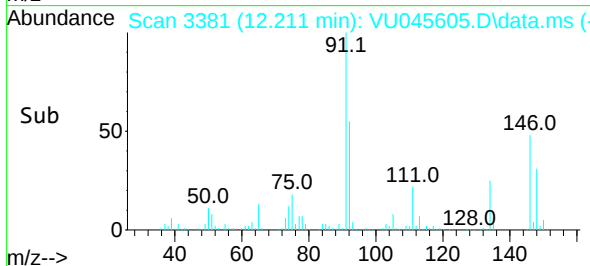
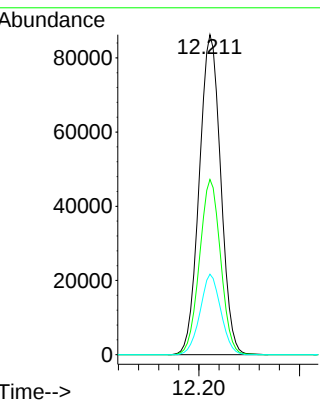
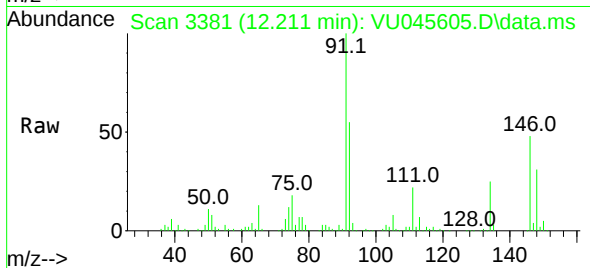
134 24.3 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#90

Hexachloroethane

Concen: 20.633 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. -0.000 min

Lab File: VU045605.D

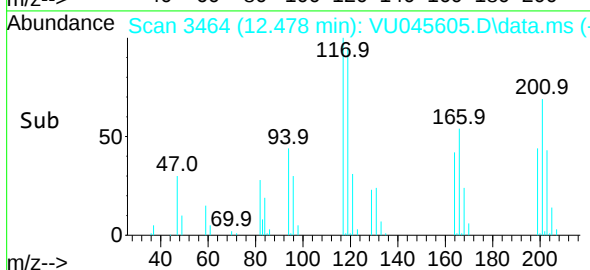
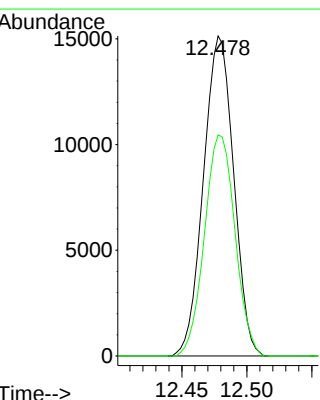
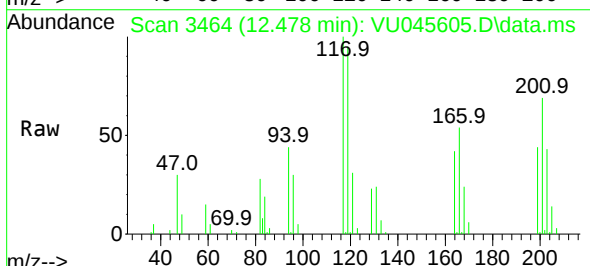
Acq: 08 Nov 2021 11:19

Tgt Ion:117 Resp: 24456

Ion Ratio Lower Upper

117 100

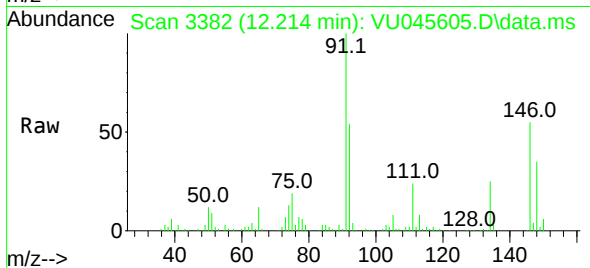
201 69.8 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 20.726 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

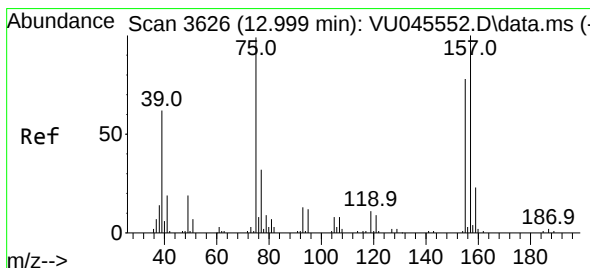
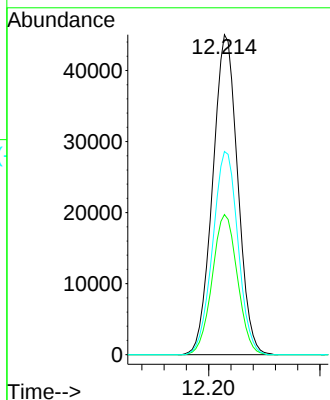
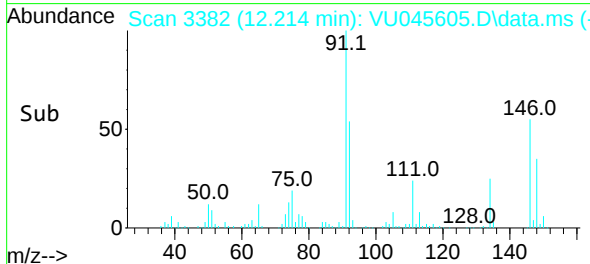
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



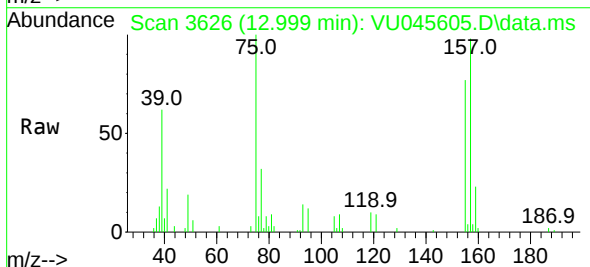
Tgt Ion:146 Resp: 7031
Ion Ratio Lower Upper
146 100
111 44.1 21.9 65.5
148 64.2 32.1 96.3

Manual Integrations
APPROVED

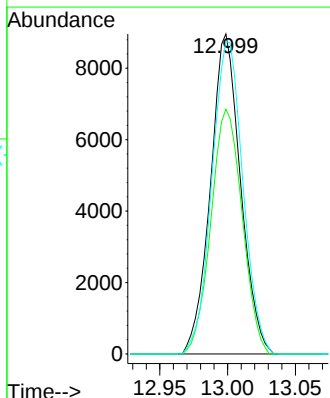
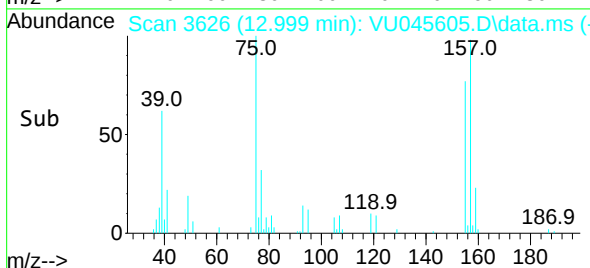
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

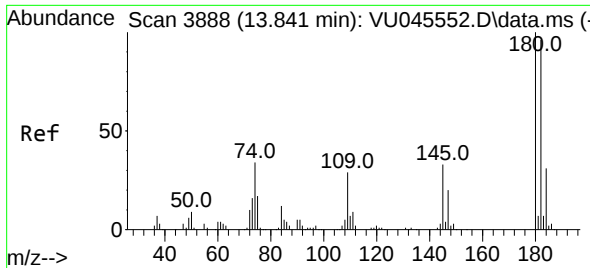


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.760 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



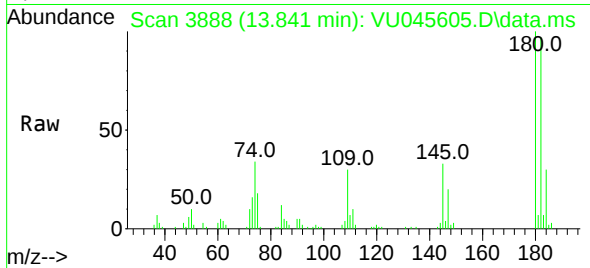
Tgt Ion: 75 Resp: 13815
Ion Ratio Lower Upper
75 100
155 79.3 37.8 113.3
157 101.2 48.4 145.2





#93
 1,2,4-Trichlorobenzene
 Concen: 19.885 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19

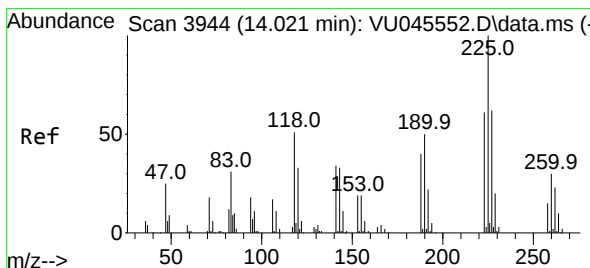
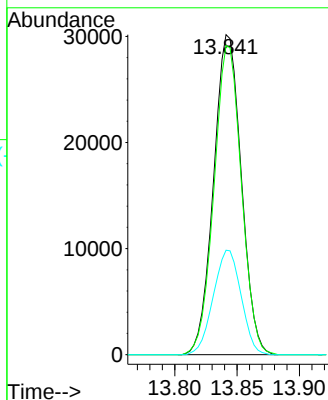
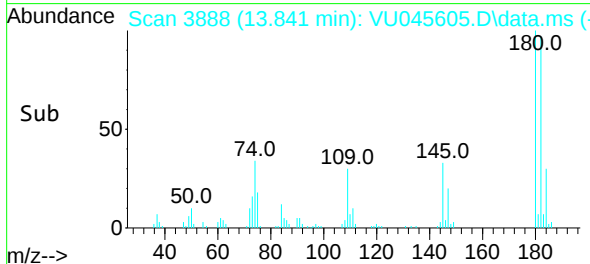
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108MBS01



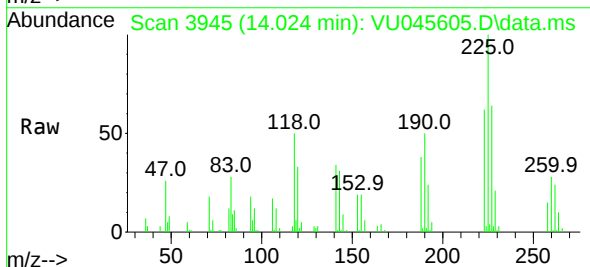
Tgt Ion:180 Resp: 4664
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.0 141.2
 145 32.7 15.6 46.7

Manual Integrations
 APPROVED

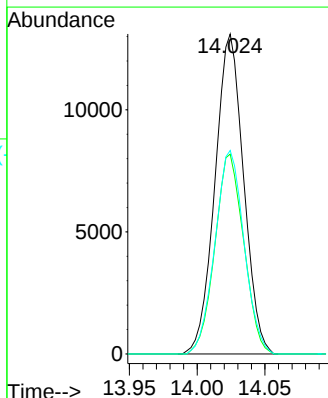
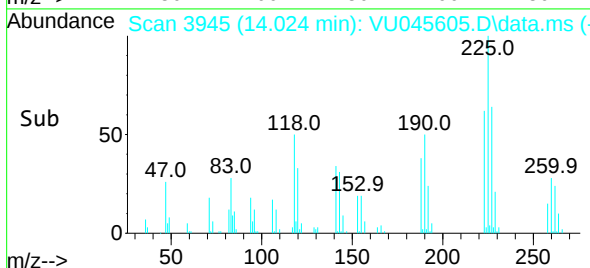
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021

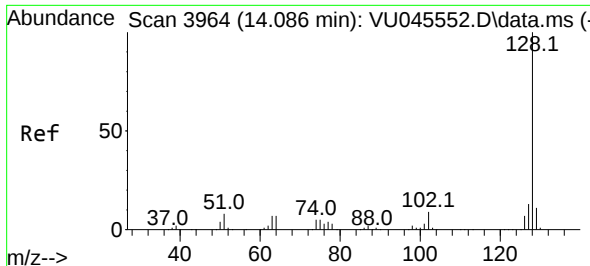


#94
 Hexachlorobutadiene
 Concen: 18.986 ug/l
 RT: 14.024 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU045605.D
 Acq: 08 Nov 2021 11:19



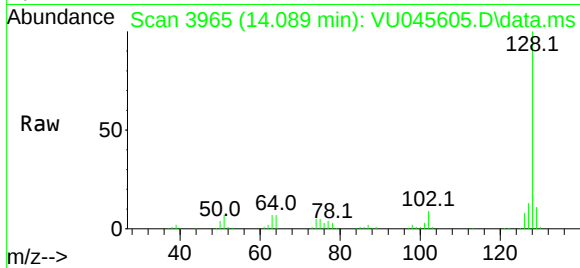
Tgt Ion:225 Resp: 19225
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.0 96.2
 227 64.7 31.1 93.5





#95
Naphthalene
Concen: 19.751 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19

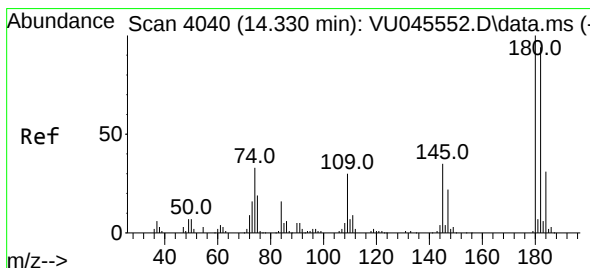
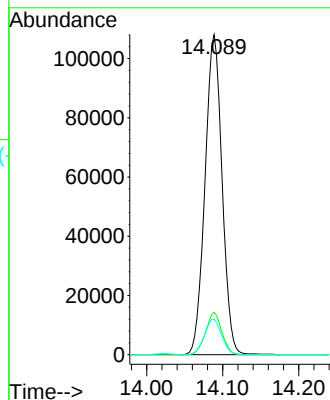
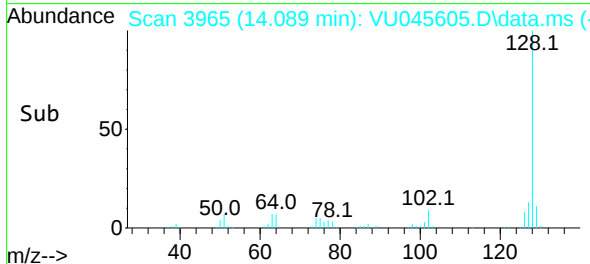
Instrument :
MSVOA_U
ClientSampleId :
VU1108MBS01



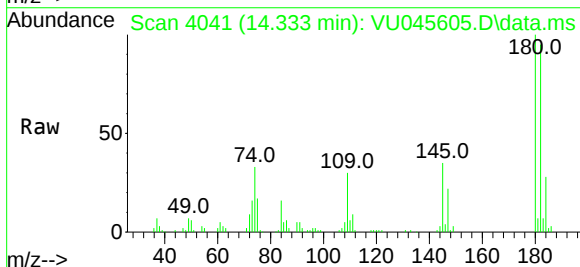
Tgt Ion:128 Resp: 16857
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.934 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045605.D
Acq: 08 Nov 2021 11:19



Tgt Ion:180 Resp: 48775
Ion Ratio Lower Upper
180 100
182 95.2 47.7 143.1
145 33.9 16.7 50.0

