

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045573.D
 Acq On : 05 Nov 2021 20:47
 Operator : SY/MD
 Sample : VU1105MBS01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 06 21:26:47 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	126366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	228086	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	220483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	112214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	104067	54.990	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.980%			
35) Dibromofluoromethane	5.292	113	78356	51.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.900%			
50) Toluene-d8	7.899	98	299430	52.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.760%			
62) 4-Bromofluorobenzene	10.636	95	114880	50.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	35124	21.438	ug/l	97
3) Chloromethane	1.523	50	38890	20.745	ug/l	99
4) Vinyl Chloride	1.604	62	39301	21.522	ug/l	100
5) Bromomethane	1.851	94	25062	24.606	ug/l	96
6) Chloroethane	1.932	64	24395	20.470	ug/l	98
7) Trichlorofluoromethane	2.141	101	51589	21.364	ug/l	99
8) Diethyl Ether	2.379	74	20833	21.795	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	29692	21.058	ug/l	99
10) Methyl Iodide	2.726	142	36864	19.978	ug/l	91
11) Tert butyl alcohol	3.173	59	45489	121.439	ug/l	99
12) 1,1-Dichloroethene	2.581	96	28771	20.695	ug/l	99
13) Acrolein	2.485	56	8093	149.092	ug/l	95
14) Allyl chloride	2.925	41	52165	21.014	ug/l	99
15) Acrylonitrile	3.314	53	113944	113.933	ug/l	99
16) Acetone	2.623	43	93208	96.753	ug/l	97
17) Carbon Disulfide	2.797	76	78116	20.060	ug/l	99
18) Methyl Acetate	2.948	43	74986	22.853	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	111454	22.271	ug/l	100
20) Methylene Chloride	3.047	84	35566	21.247	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	31923	22.072	ug/l	94
22) Diisopropyl ether	3.996	45	110273	22.624	ug/l	97
23) Vinyl Acetate	3.957	43	418227	111.562	ug/l	100
24) 1,1-Dichloroethane	3.874	63	63229	21.769	ug/l	99
25) 2-Butanone	4.703	43	149189	111.656	ug/l	100
26) 2,2-Dichloropropane	4.671	77	47620	19.785	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	37340	21.981	ug/l	99
28) Bromochloromethane	4.977	49	31679	22.877	ug/l	99
29) Tetrahydrofuran	5.051	42	93909	114.902	ug/l	99
30) Chloroform	5.092	83	62754	21.846	ug/l	100
31) Cyclohexane	5.391	56	58672	21.248	ug/l	99
32) 1,1,1-Trichloroethane	5.317	97	53261	21.742	ug/l	98
36) 1,1-Dichloropropene	5.530	75	45957	20.664	ug/l	100
37) Ethyl Acetate	4.806	43	55490	21.720	ug/l	99
38) Carbon Tetrachloride	5.530	117	46108	20.564	ug/l	99
39) Methylcyclohexane	6.768	83	55005	20.160	ug/l	98
40) Benzene	5.777	78	136316	20.703	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	30310	22.450	ug/l	99
42) 1,2-Dichloroethane	5.796	62	51984	21.857	ug/l	100
43) Isopropyl Acetate	5.912	43	84691	21.673	ug/l	100
44) Trichloroethene	6.546	130	33086	20.992	ug/l	95
45) 1,2-Dichloropropane	6.793	63	37246	21.378	ug/l	99
46) Dibromomethane	6.922	93	25505	21.128	ug/l	98
47) Bromodichloromethane	7.108	83	48632	21.232	ug/l	97
48) Methyl methacrylate	6.960	41	38776	21.560	ug/l	97
49) 1,4-Dioxane	6.964	88	21446	463.672	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	285273	110.671	ug/l	98
52) Toluene	7.970	92	87445	21.692	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	54166	20.576	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	58259	20.836	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	35548	21.277	ug/l	99
56) Ethyl methacrylate	8.333	69	55929	20.183	ug/l	99
57) 1,3-Dichloropropane	8.578	76	64594	21.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	149733	97.348	ug/l	99
59) 2-Hexanone	8.684	43	217947	101.778	ug/l	98
60) Dibromochloromethane	8.812	129	36245	20.834	ug/l	99
61) 1,2-Dibromoethane	8.925	107	38153	21.292	ug/l	99
64) Tetrachloroethene	8.555	164	27083	21.401	ug/l	98
65) Chlorobenzene	9.449	112	89983	20.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	32011	20.724	ug/l	98
67) Ethyl Benzene	9.571	91	163556	21.088	ug/l	98
68) m/p-Xylenes	9.697	106	125572	42.931	ug/l	100
69) o-Xylene	10.102	106	60634	21.322	ug/l	99
70) Styrene	10.115	104	102501	21.306	ug/l	99
71) Bromoform	10.295	173	26760	20.261	ug/l #	99
73) Isopropylbenzene	10.488	105	161187	21.984	ug/l	100
74) N-amyl acetate	10.320	43	70573	21.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	61546	21.187	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	58222m	17.109	ug/l	
77) Bromobenzene	10.783	156	38160	21.436	ug/l	96
78) n-propylbenzene	10.909	91	194409	21.304	ug/l	100
79) 2-Chlorotoluene	10.986	91	116317	21.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	138312	21.591	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	18546	19.778	ug/l	97
82) 4-Chlorotoluene	11.099	91	135843	21.485	ug/l	99
83) tert-Butylbenzene	11.423	119	132551	21.706	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	138747	21.793	ug/l	100
85) sec-Butylbenzene	11.645	105	173336	21.403	ug/l	100
86) p-Isopropyltoluene	11.796	119	142764	21.095	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	73623	20.498	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	75886	20.890	ug/l	98
89) n-Butylbenzene	12.211	91	132565	20.334	ug/l	99
90) Hexachloroethane	12.478	117	25028	20.500	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	73845	21.132	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	14935	21.789	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	48694	20.153	ug/l	98
94) Hexachlorobutadiene	14.024	225	20108	19.280	ug/l	99
95) Naphthalene	14.089	128	180780	20.521	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	50737	21.141	ug/l	99

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MSVOA_U
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VU1105MBSD01

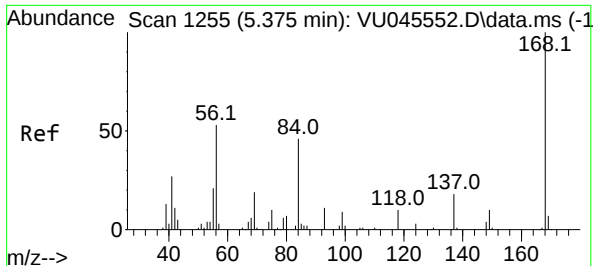
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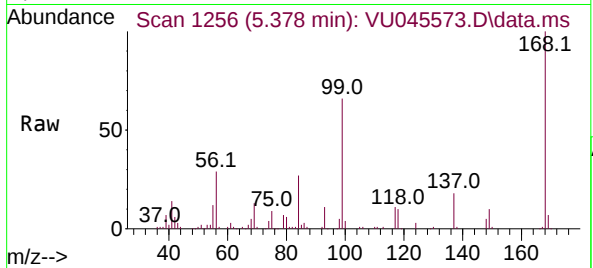
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045573.D
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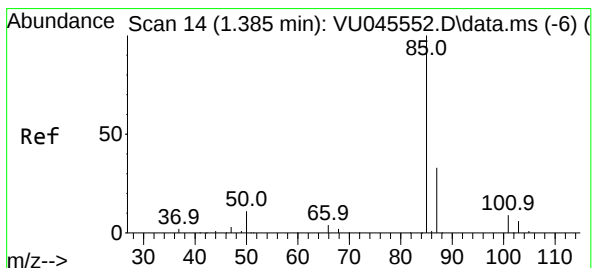
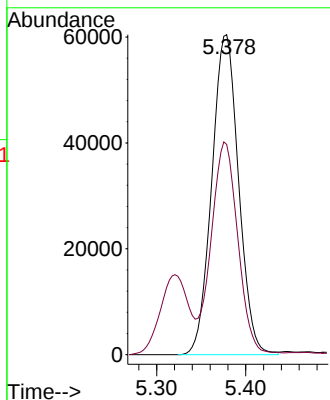
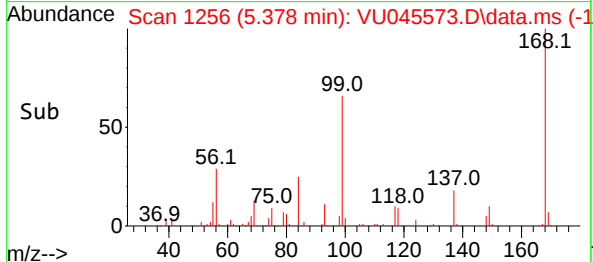
Instrument :
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ClientSampleId :
VU1105MBS01



Tgt Ion:168 Resp: 126360
Ion Ratio Lower Upper
168 100
99 65.0 51.0 76.6

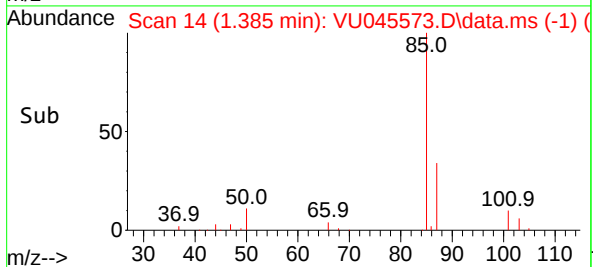
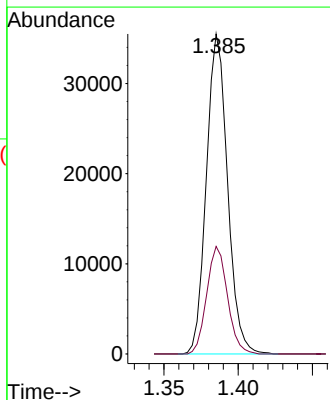
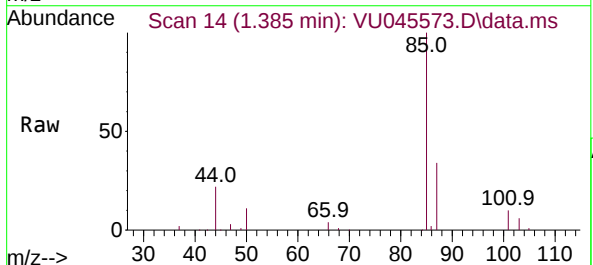
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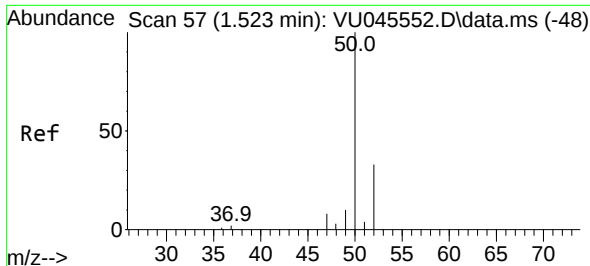
Reviewed By :John Carlone 11/08/2021
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#2
Dichlorodifluoromethane
Concen: 21.438 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

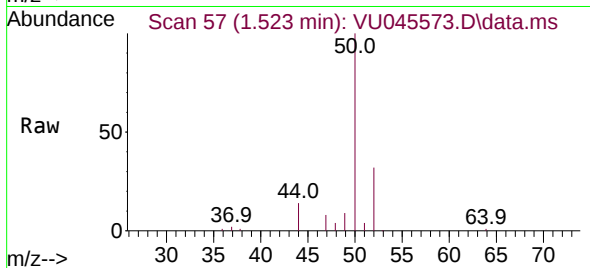
Tgt Ion: 85 Resp: 35124
Ion Ratio Lower Upper
85 100
87 33.6 15.9 47.7





#3
Chloromethane
Concen: 20.745 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

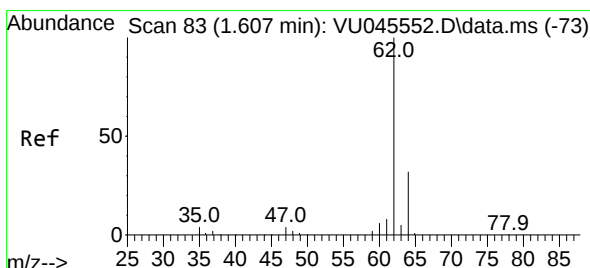
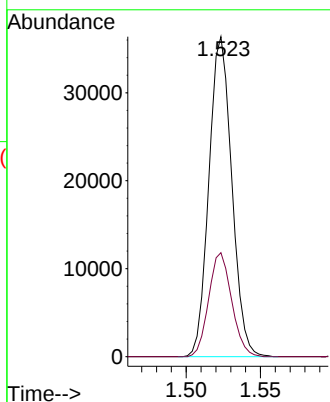
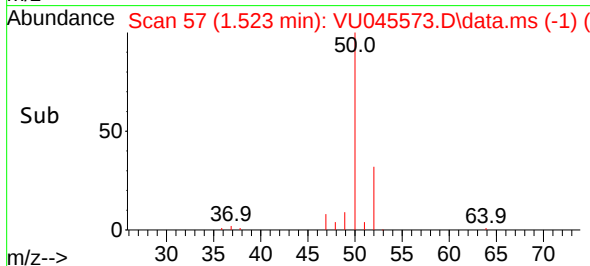
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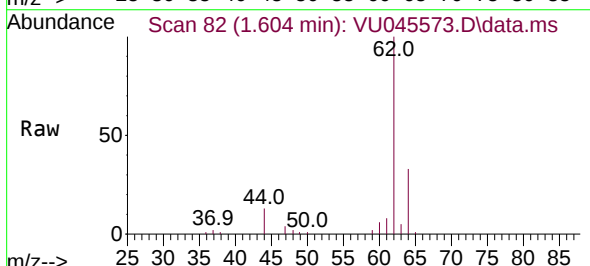
Tgt Ion: 50 Resp: 38890
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

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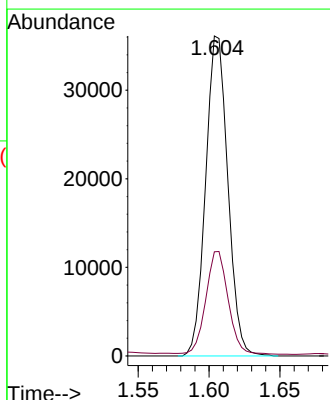
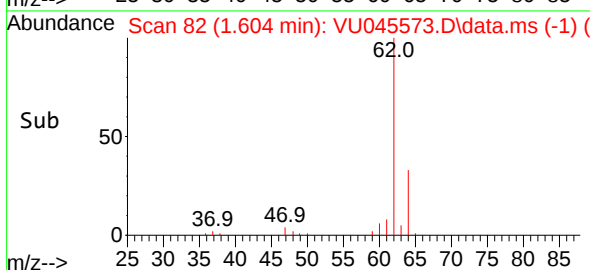
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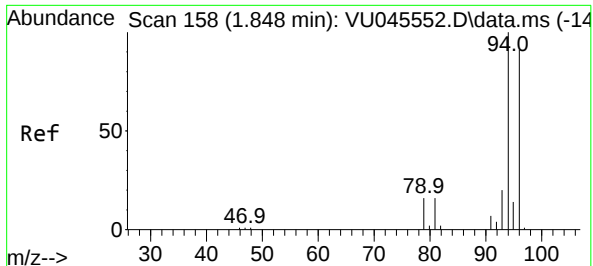


#4
Vinyl Chloride
Concen: 21.522 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47



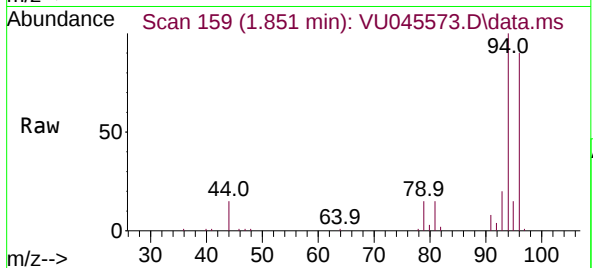
Tgt Ion: 62 Resp: 39301
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 24.606 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

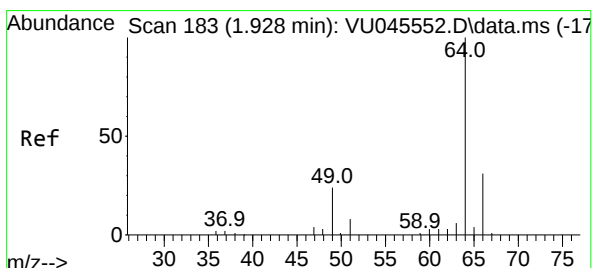
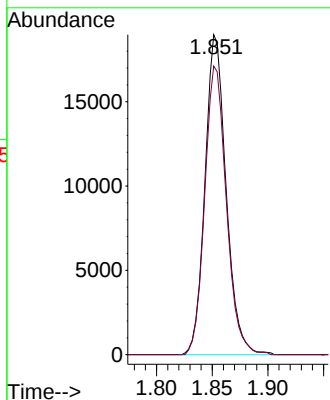
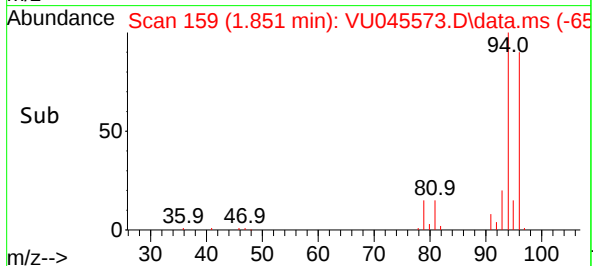
Instrument :
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Tgt Ion: 94 Resp: 25062
Ion Ratio Lower Upper
94 100
96 90.2 75.4 113.2

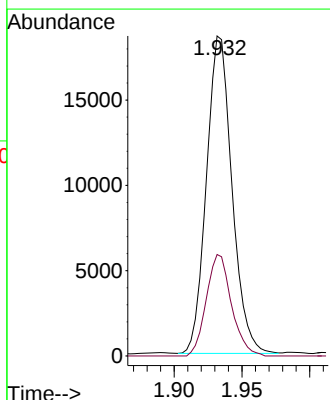
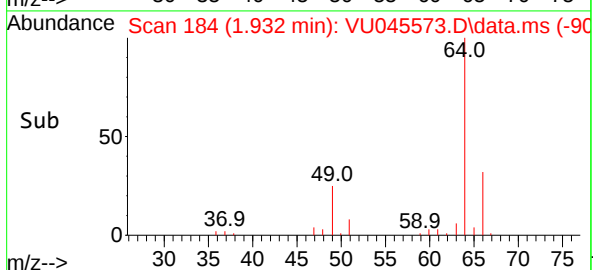
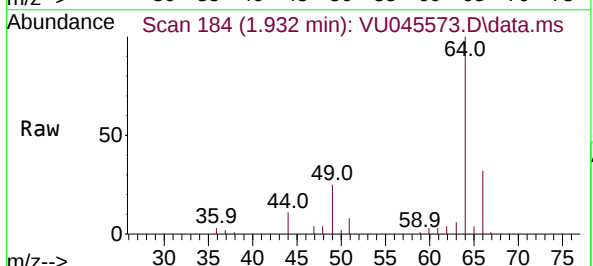
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#6
Chloroethane
Concen: 20.470 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Tgt Ion: 64 Resp: 24395
Ion Ratio Lower Upper
64 100
66 32.0 26.7 40.1





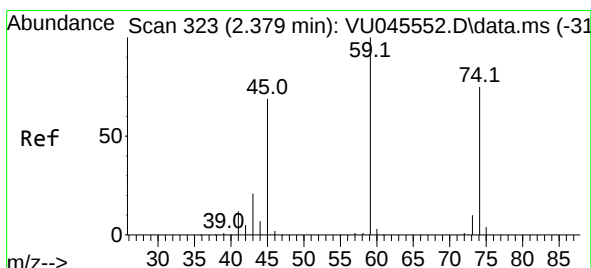
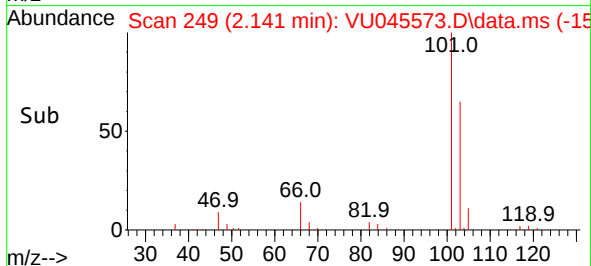
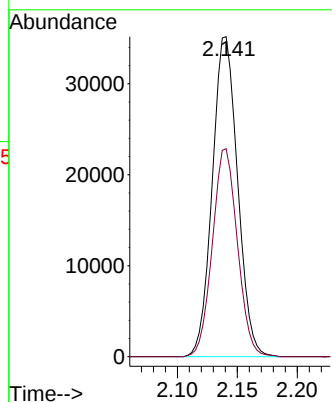
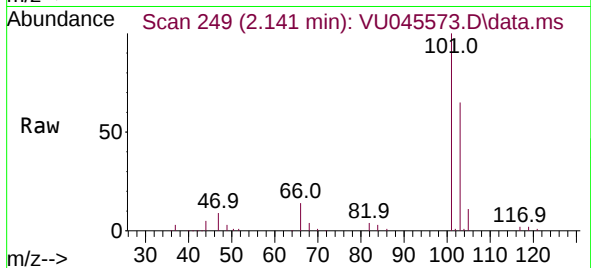
#7
 Trichlorofluoromethane
 Concen: 21.364 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU045573.D
 Acq: 05 Nov 2021 20:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105MBS01

Tgt Ion:101 Resp: 51589
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0

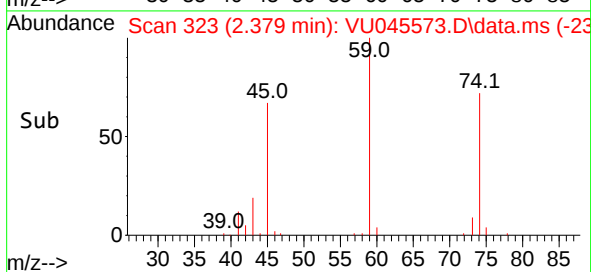
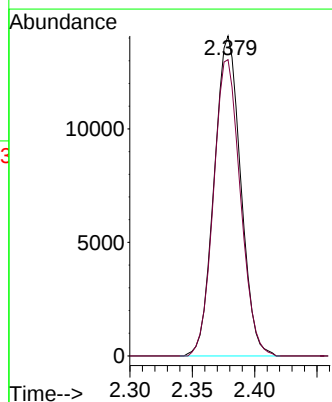
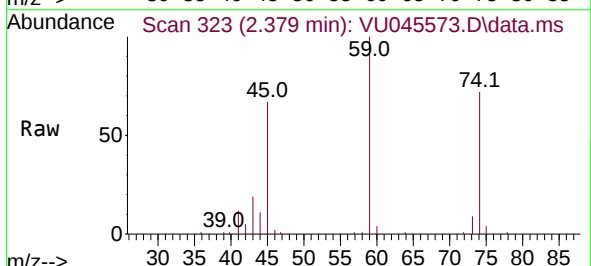
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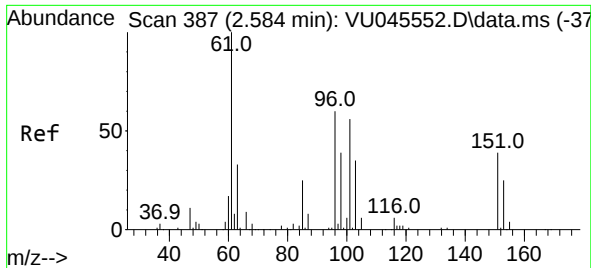
Reviewed By :John Carlone 11/08/2021
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#8
 Diethyl Ether
 Concen: 21.795 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045573.D
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Tgt Ion: 74 Resp: 20833
 Ion Ratio Lower Upper
 74 100
 45 93.9 47.3 141.8





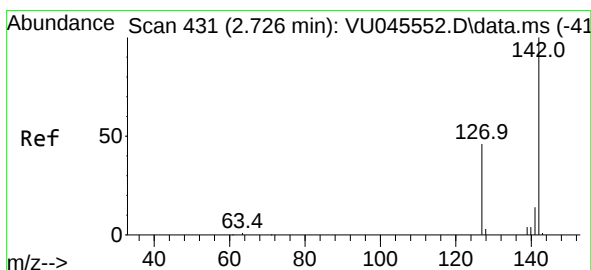
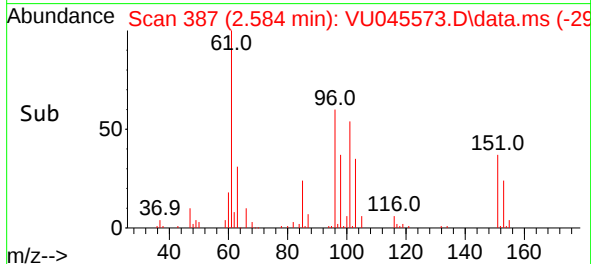
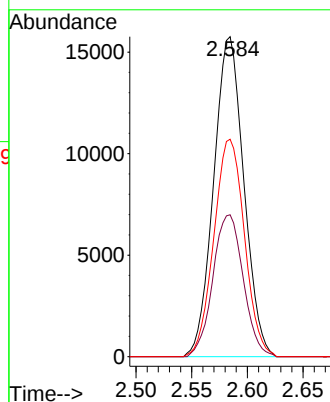
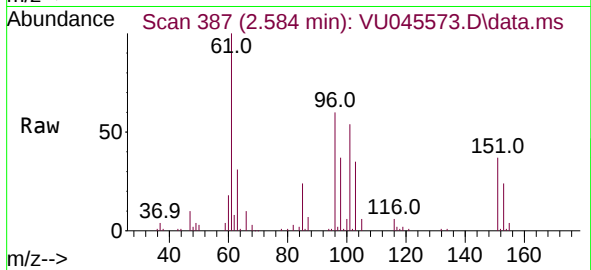
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.058 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

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ClientSampleId :
VU1105MBS01

Tgt Ion:101 Resp: 29692
Ion Ratio Lower Upper
101 100
85 44.6 35.0 52.4
151 69.0 54.6 82.0

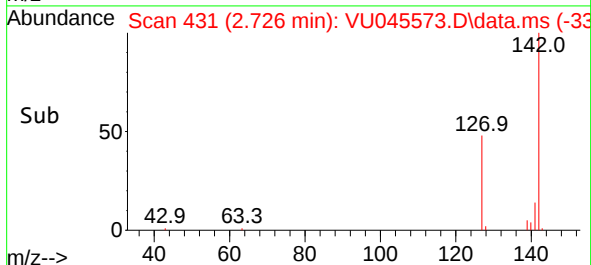
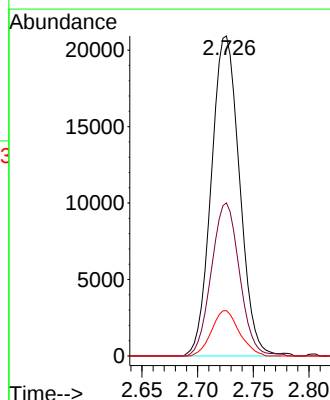
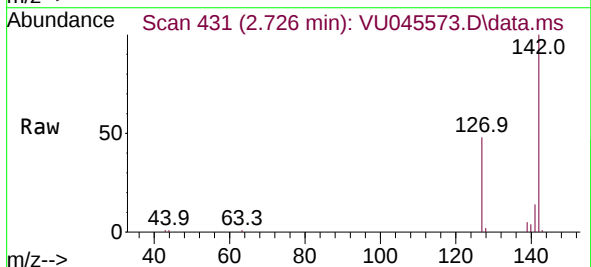
Manual Integrations
APPROVED

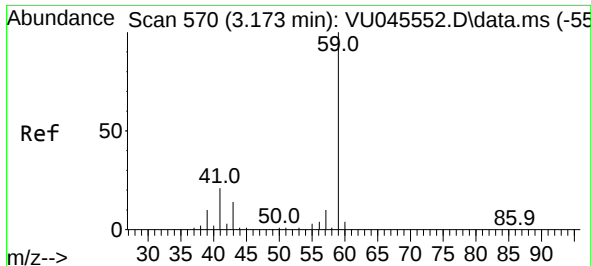
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
Methyl Iodide
Concen: 19.978 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Tgt Ion:142 Resp: 36864
Ion Ratio Lower Upper
142 100
127 47.7 32.2 48.2
141 14.0 11.3 16.9





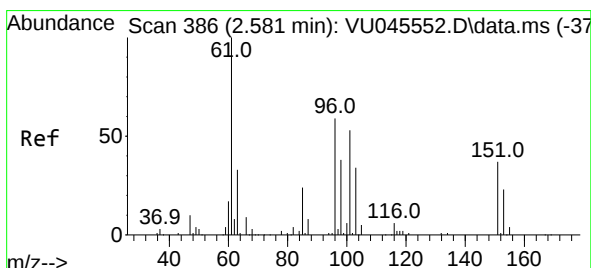
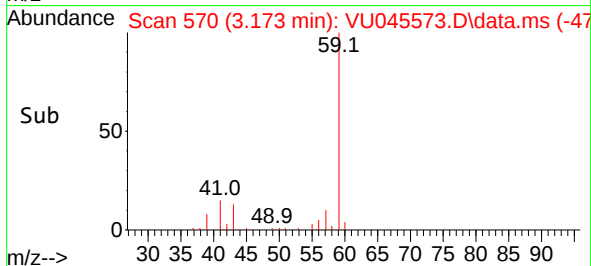
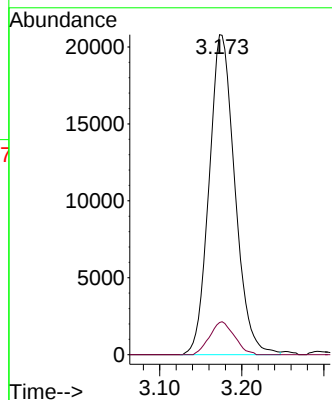
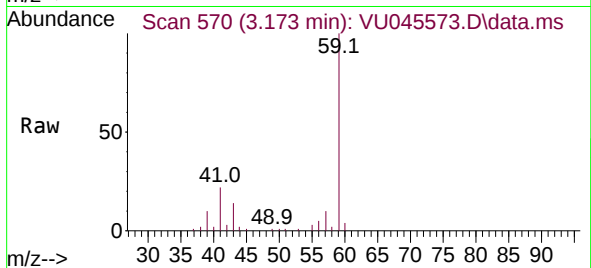
#11
Tert butyl alcohol
Concen: 121.439 ug/l
RT: 3.173 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01

Tgt Ion: 59 Resp: 45489
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

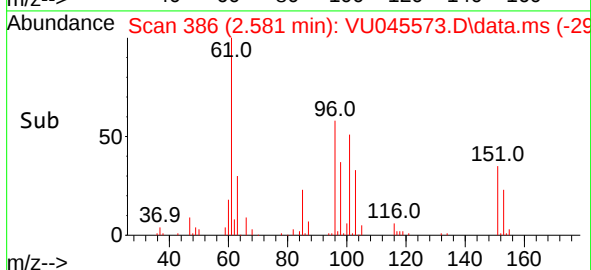
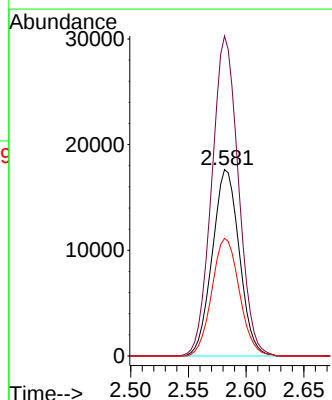
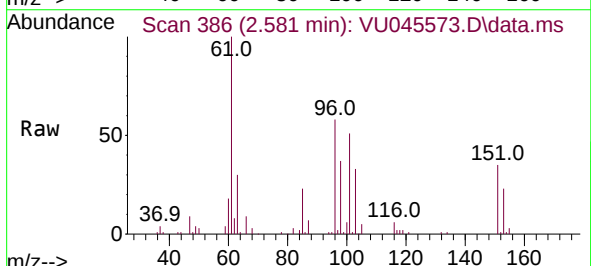
Manual Integrations
APPROVED

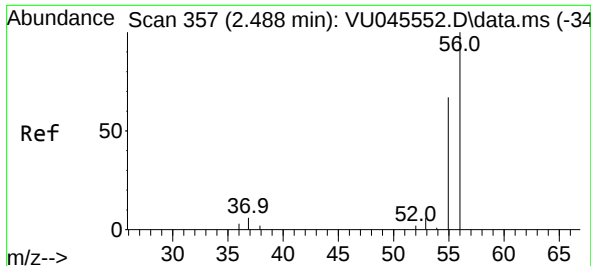
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
1,1-Dichloroethene
Concen: 20.695 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

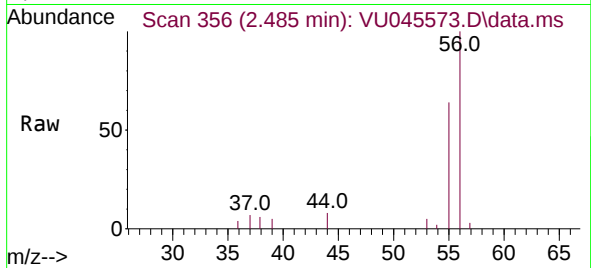
Tgt Ion: 96 Resp: 28771
Ion Ratio Lower Upper
96 100
61 171.6 137.1 205.7
98 63.1 51.5 77.3





#13
Acrolein
Concen: 149.092 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

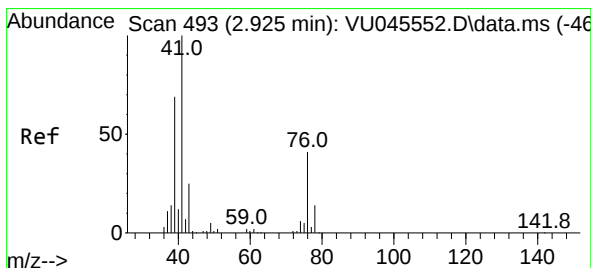
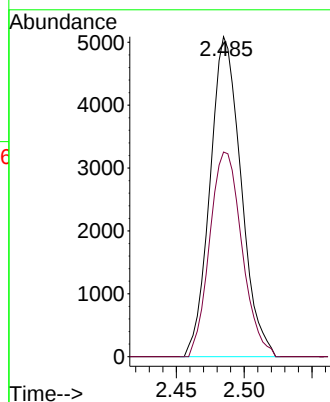
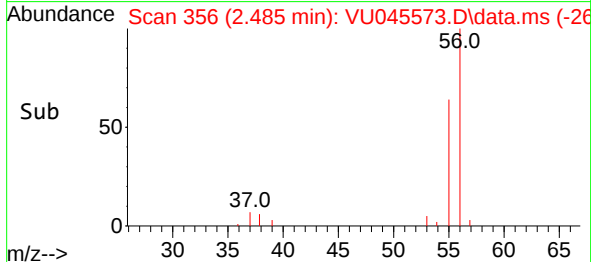
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



Tgt Ion: 56 Resp: 809
Ion Ratio Lower Upper
56 100
55 66.5 56.3 84.5

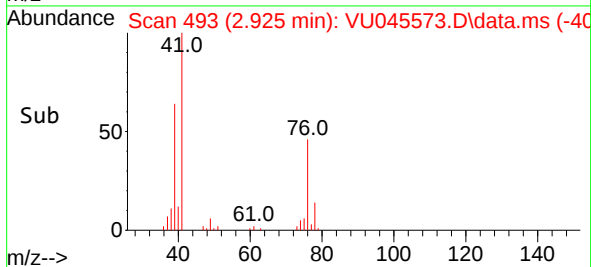
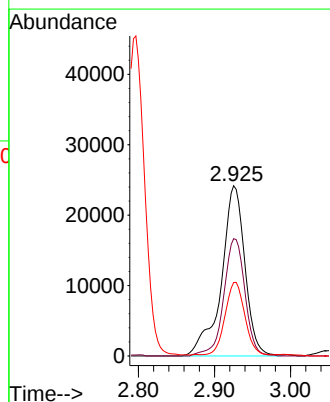
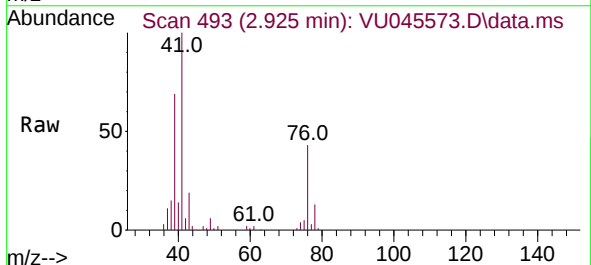
Manual Integrations
APPROVED

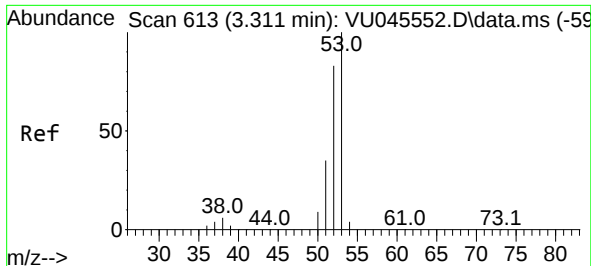
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Allyl chloride
Concen: 21.014 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

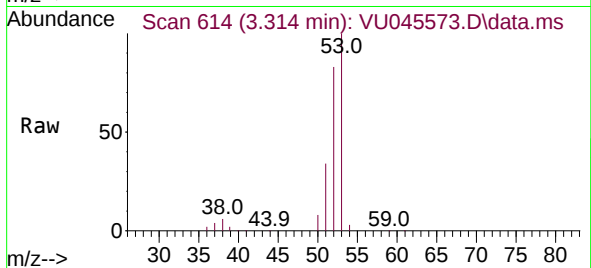
Tgt Ion: 41 Resp: 52165
Ion Ratio Lower Upper
41 100
39 61.7 49.7 74.5
76 35.6 27.7 41.5





#15
Acrylonitrile
Concen: 113.933 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

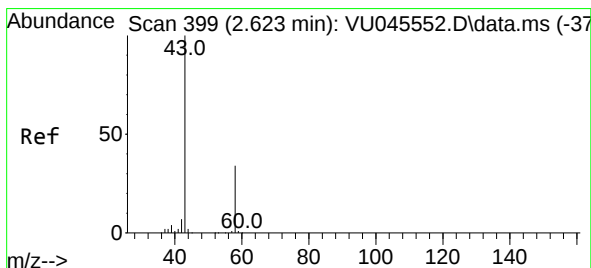
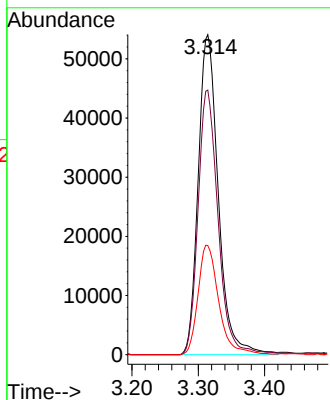
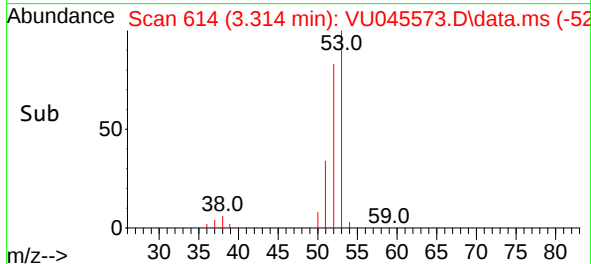
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



Tgt Ion: 53 Resp: 113944
Ion Ratio Lower Upper
53 100
52 82.4 66.6 100.0
51 35.3 28.4 42.6

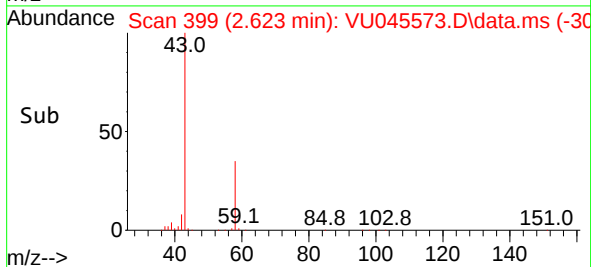
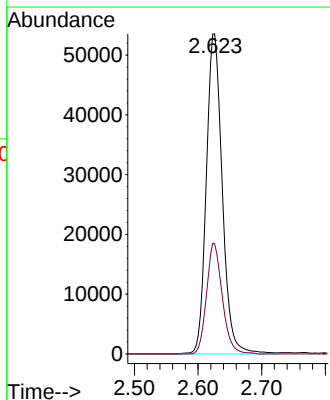
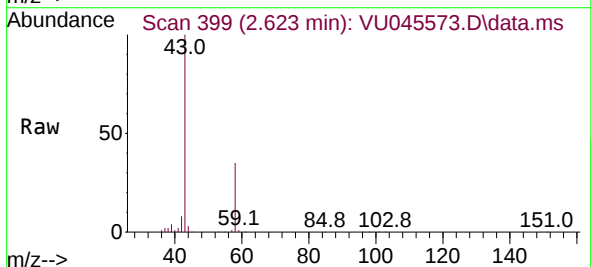
Manual Integrations
APPROVED

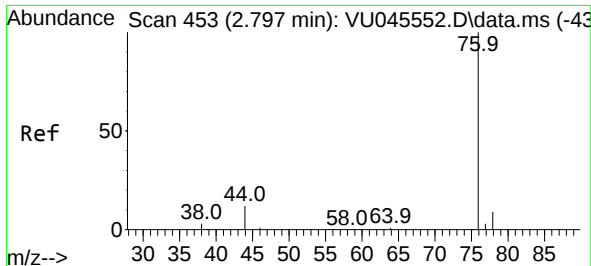
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
Acetone
Concen: 96.753 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

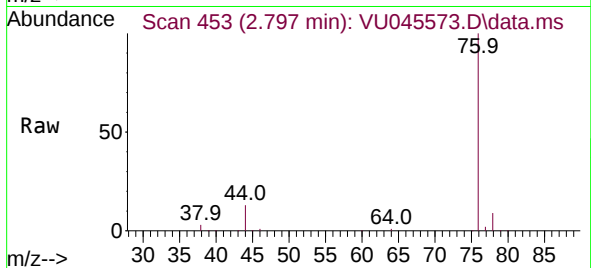
Tgt Ion: 43 Resp: 93208
Ion Ratio Lower Upper
43 100
58 34.6 26.2 39.2





#17
Carbon Disulfide
Concen: 20.060 ug/l
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

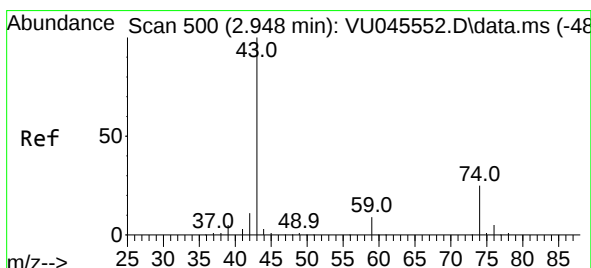
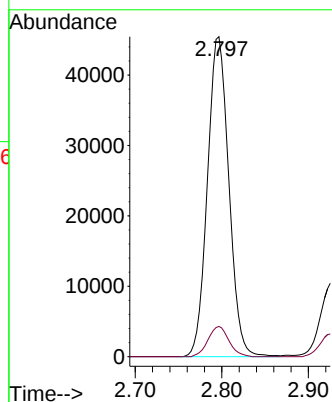
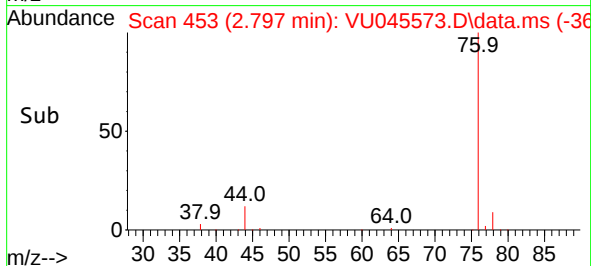
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



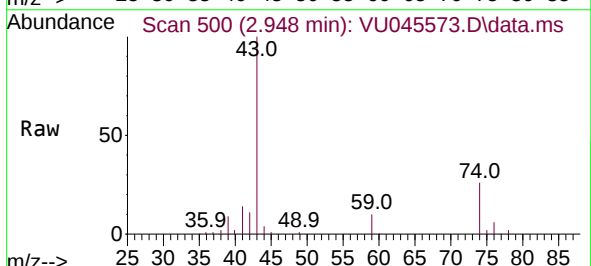
Tgt Ion: 76 Resp: 78110
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

Manual Integrations
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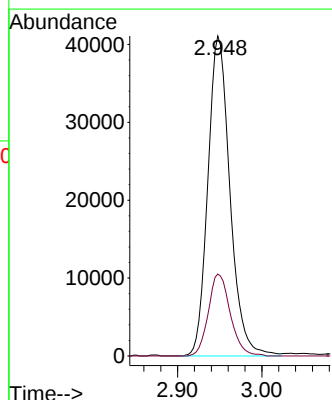
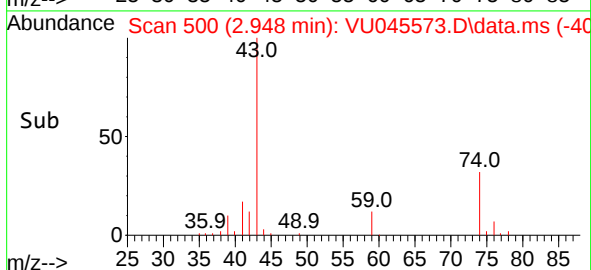
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

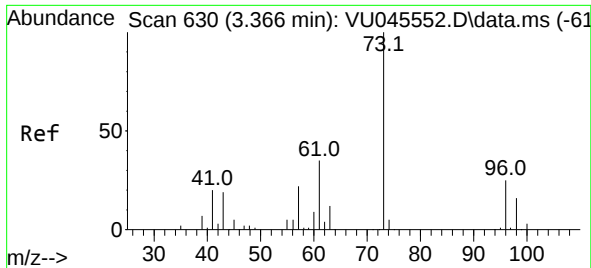


#18
Methyl Acetate
Concen: 22.853 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47



Tgt Ion: 43 Resp: 74986
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2





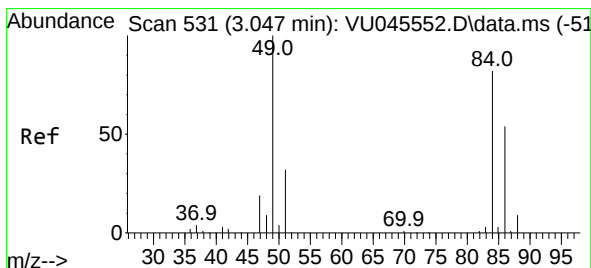
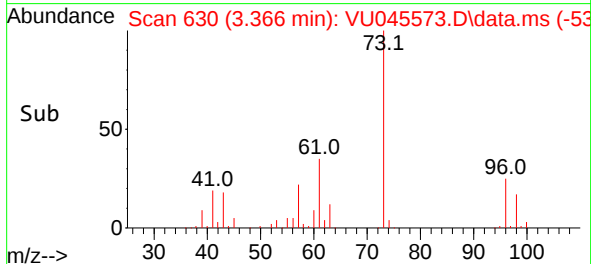
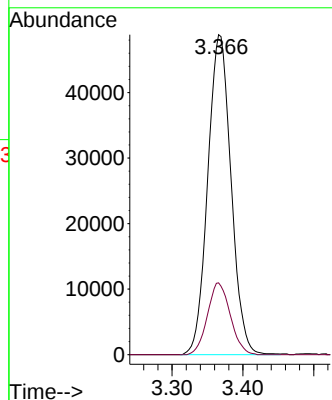
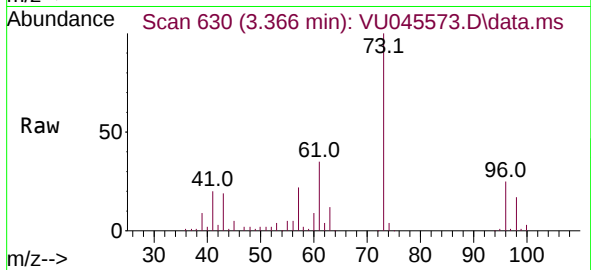
#19
Methyl tert-butyl Ether
Concen: 22.271 ug/l
RT: 3.366 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01

Tgt Ion: 73 Resp: 111454
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

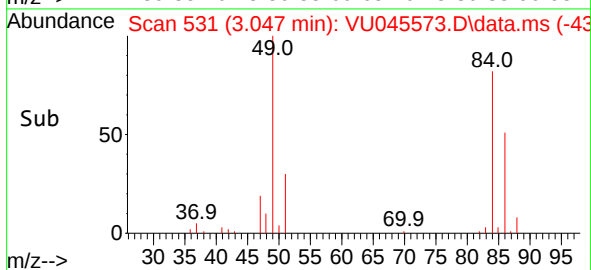
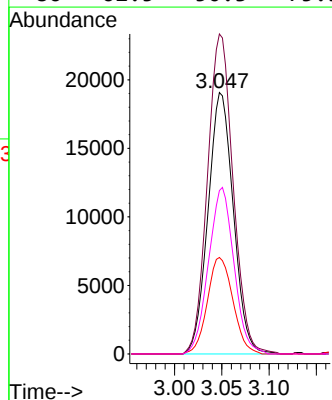
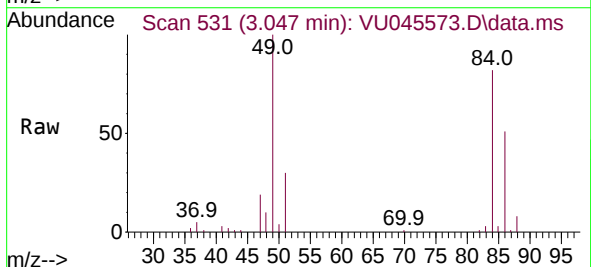
Manual Integrations
APPROVED

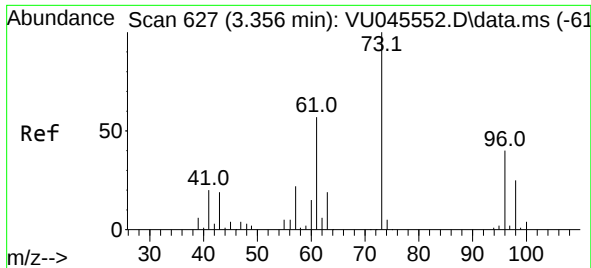
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#20
Methylene Chloride
Concen: 21.247 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

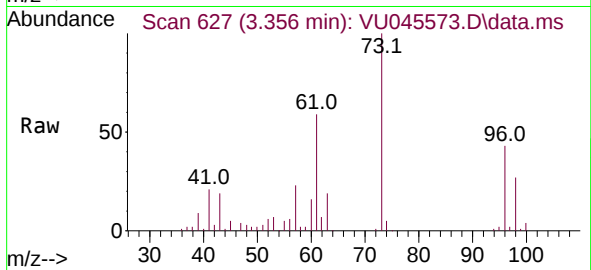
Tgt Ion: 84 Resp: 35566
Ion Ratio Lower Upper
84 100
49 122.4 96.4 144.6
51 36.9 30.5 45.7
86 62.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 22.072 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

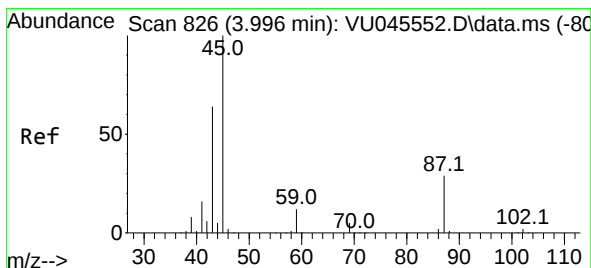
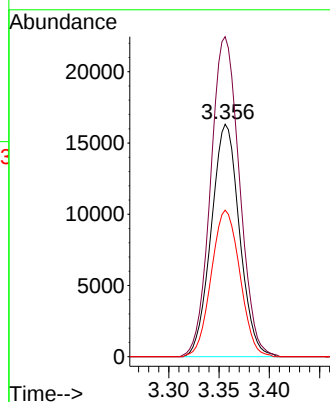
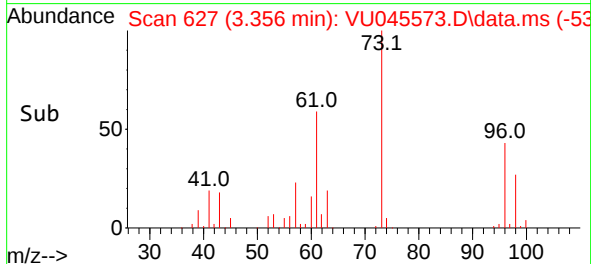
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



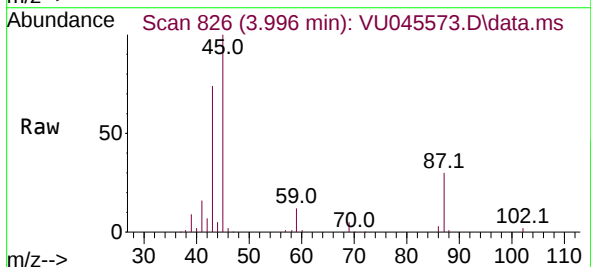
Tgt Ion: 96 Resp: 3192
Ion Ratio Lower Upper
96 100
61 137.7 118.2 177.4
98 63.1 52.1 78.1

Manual Integrations
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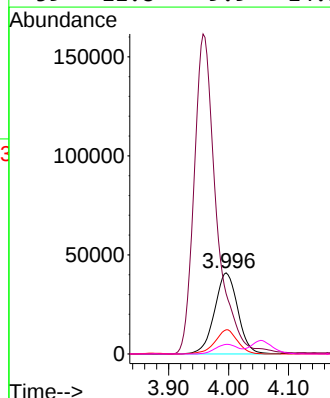
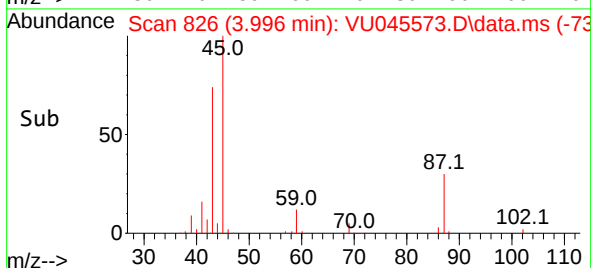
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

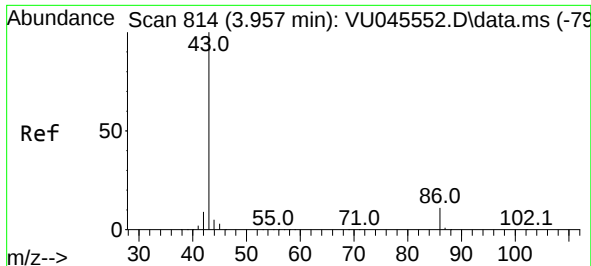


#22
Diisopropyl ether
Concen: 22.624 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47



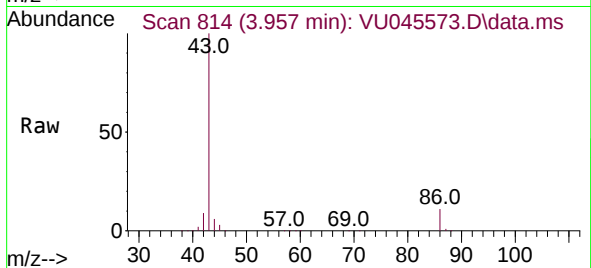
Tgt Ion: 45 Resp: 110273
Ion Ratio Lower Upper
45 100
43 71.9 60.0 90.0
87 29.7 22.3 33.5
59 11.8 9.9 14.9





#23
 Vinyl Acetate
 Concen: 111.562 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045573.D
 Acq: 05 Nov 2021 20:47

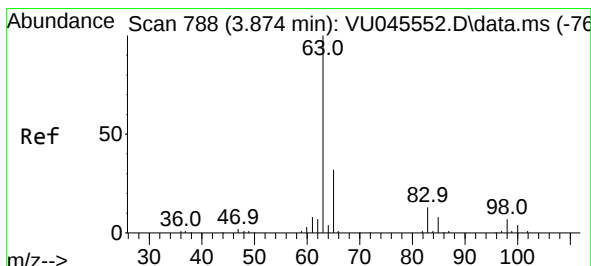
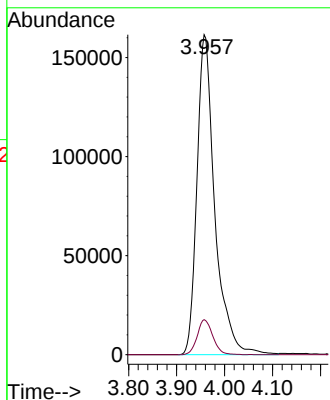
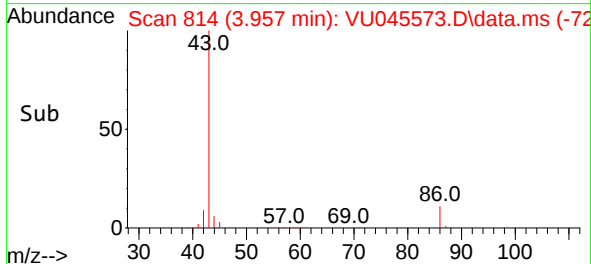
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105MBSD01



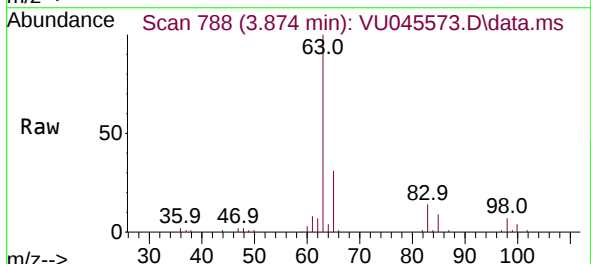
Tgt Ion: 43 Resp: 41822
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3

Manual Integrations
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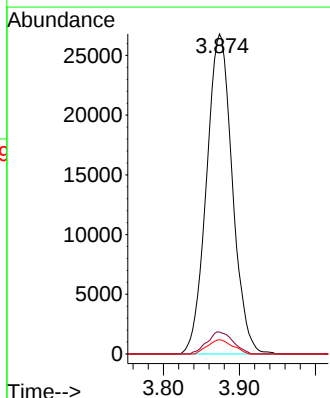
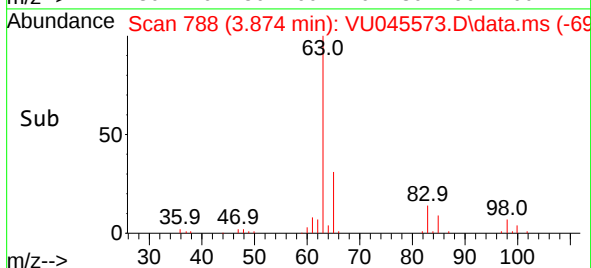
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#24
 1,1-Dichloroethane
 Concen: 21.769 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045573.D
 Acq: 05 Nov 2021 20:47



Tgt Ion: 63 Resp: 63229
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 111.656 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 43 Resp: 149189

Ion Ratio Lower Upper

43 100

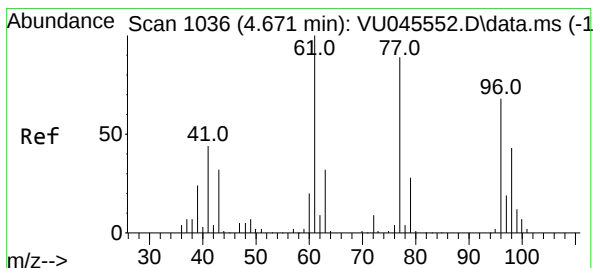
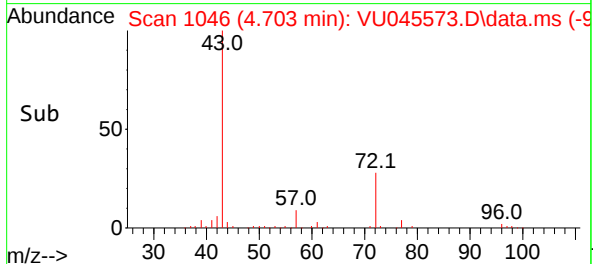
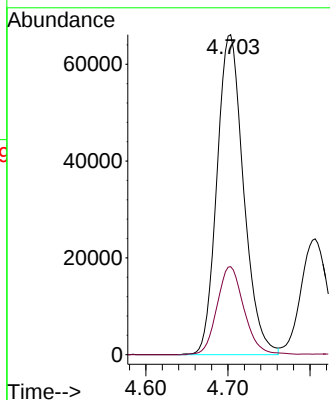
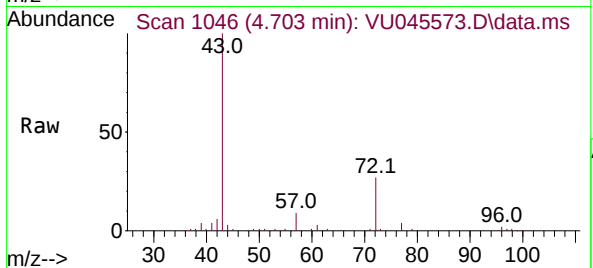
72 27.5 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#26

2,2-Dichloropropane

Concen: 19.785 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045573.D

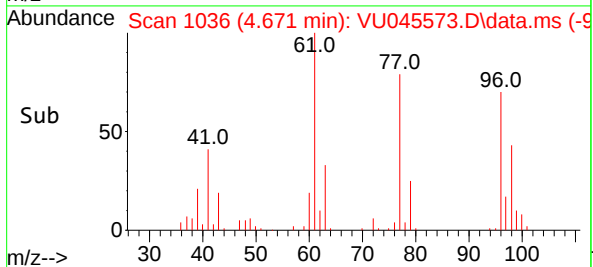
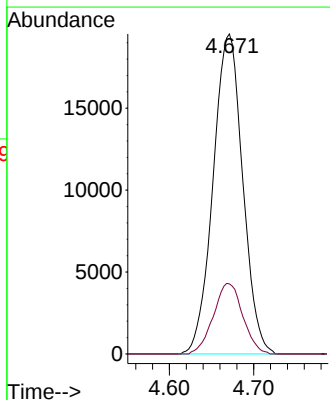
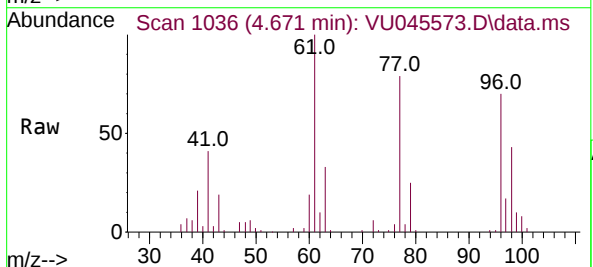
Acq: 05 Nov 2021 20:47

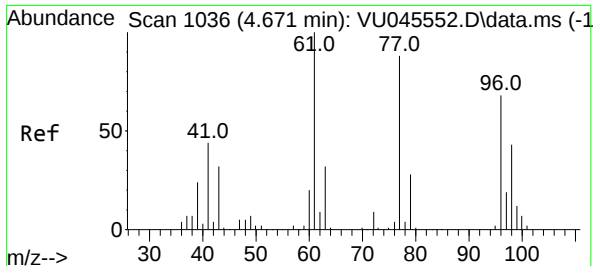
Tgt Ion: 77 Resp: 47620

Ion Ratio Lower Upper

77 100

97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.981 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 96 Resp: 37340

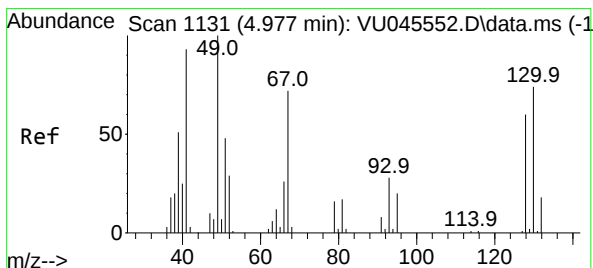
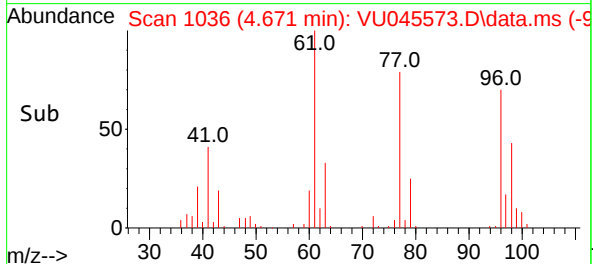
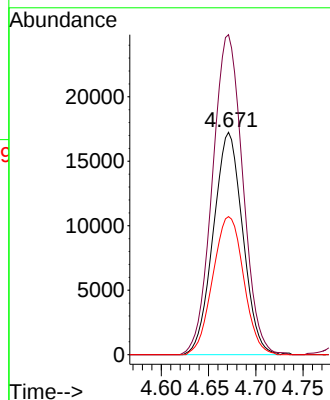
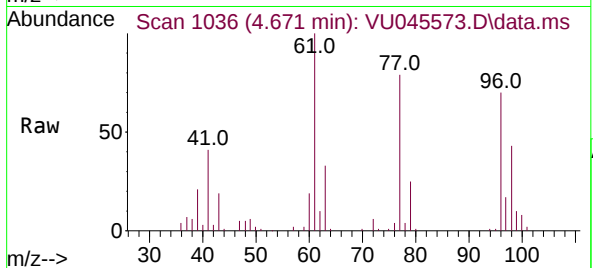
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	299.2
98	65.0	0.0	127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#28

Bromochloromethane

Concen: 22.877 ug/l

RT: 4.977 min Scan# 1131

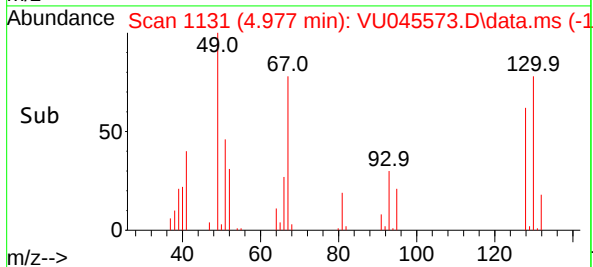
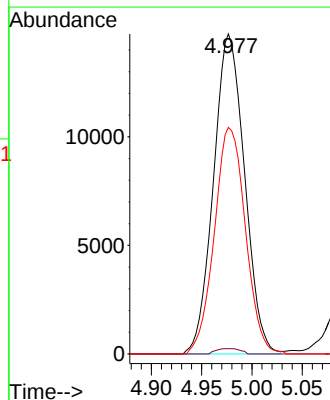
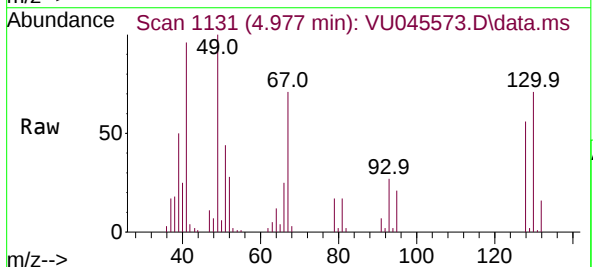
Delta R.T. 0.000 min

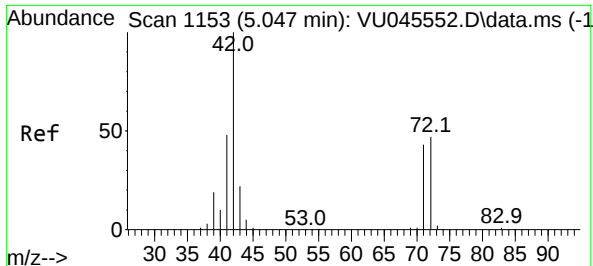
Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Tgt Ion: 49 Resp: 31679

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	70.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 114.902 ug/l

RT: 5.051 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

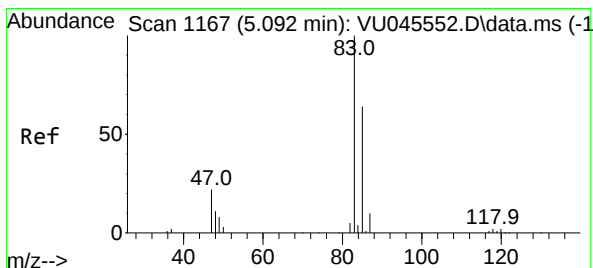
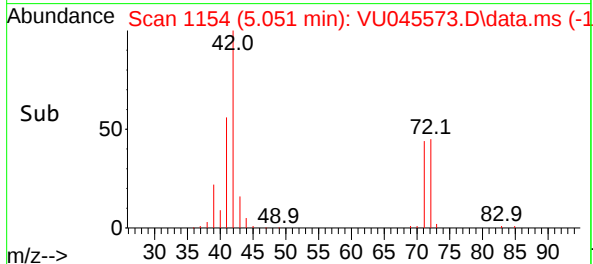
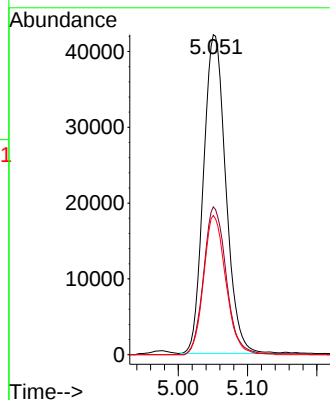
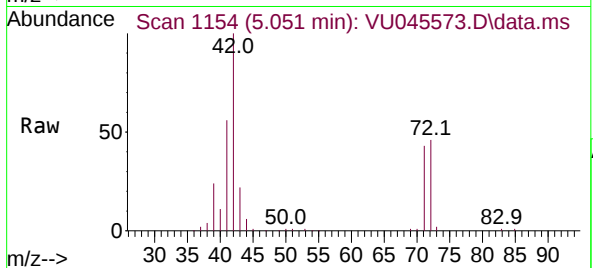
Tgt Ion:	42	Resp:	9390
Ion Ratio	Lower	Upper	
42	100		
72	47.0	38.2	57.4
71	43.6	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

Chloroform

Concen: 21.846 ug/l

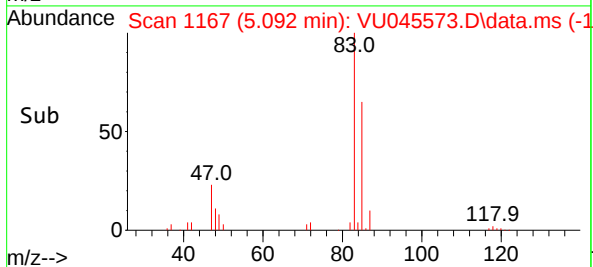
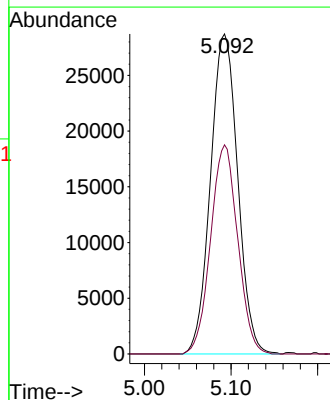
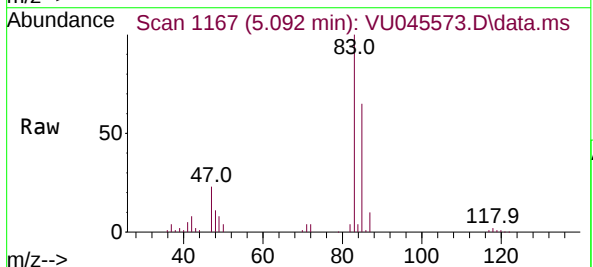
RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

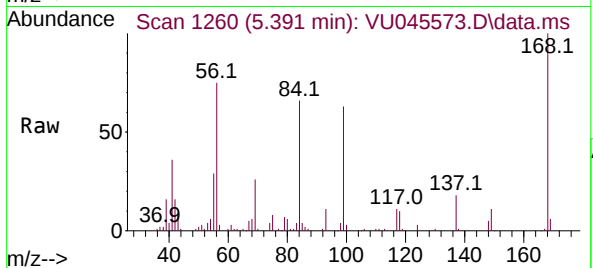
Tgt Ion:	83	Resp:	62754
Ion Ratio	Lower	Upper	
83	100		
85	65.3	52.0	78.0





#31
Cyclohexane
Concen: 21.248 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

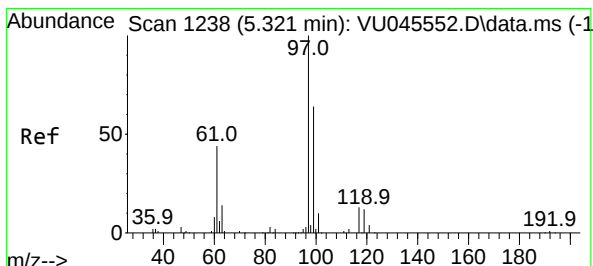
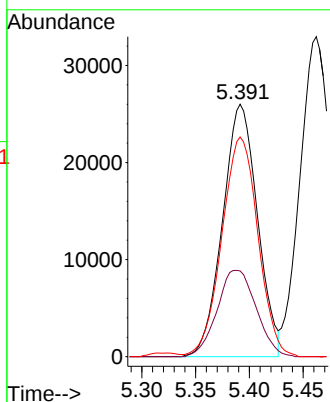
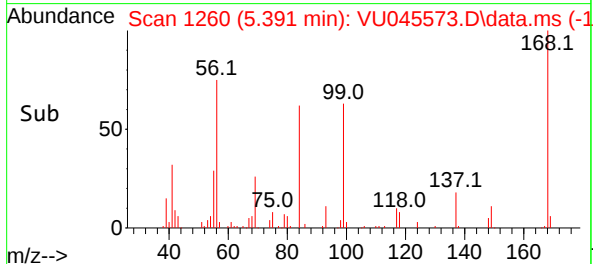
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



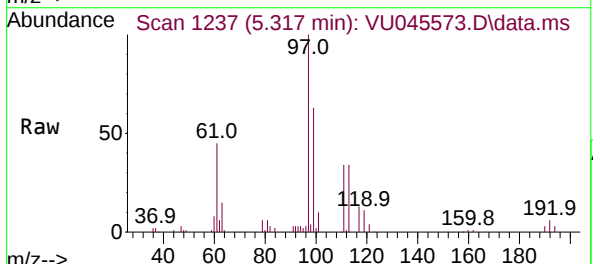
Tgt Ion: 56 Resp: 58672
Ion Ratio Lower Upper
56 100
69 34.0 26.4 39.6
84 86.0 68.4 102.6

Manual Integrations
APPROVED

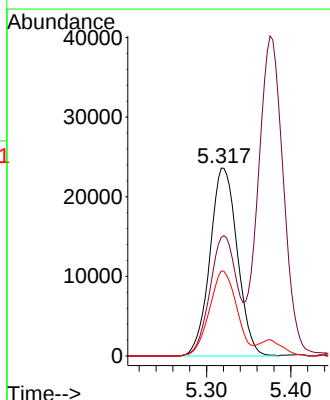
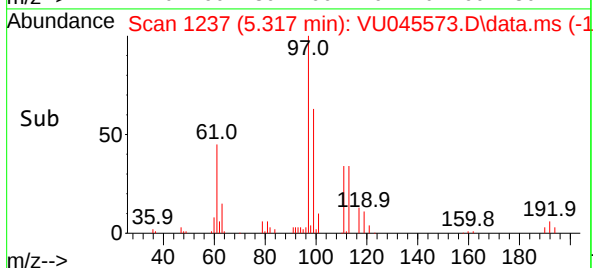
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

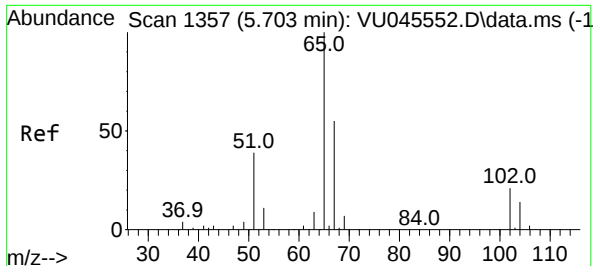


#32
1,1,1-Trichloroethane
Concen: 21.742 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47



Tgt Ion: 97 Resp: 53261
Ion Ratio Lower Upper
97 100
99 62.3 50.8 76.2
61 45.5 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 54.990 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 65 Resp: 10406

Ion Ratio Lower Upper

65 100

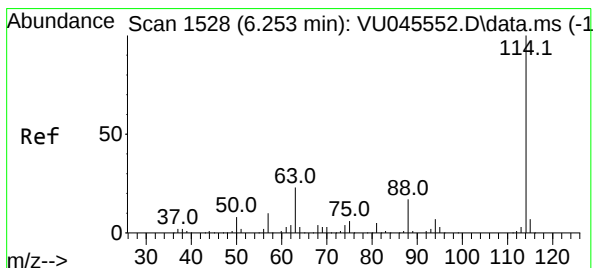
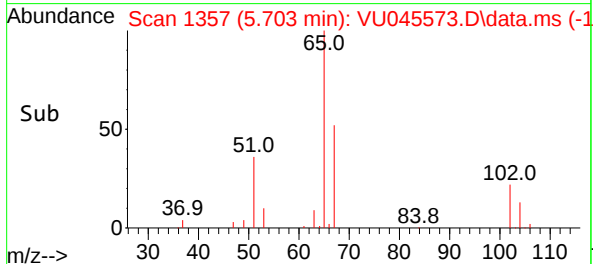
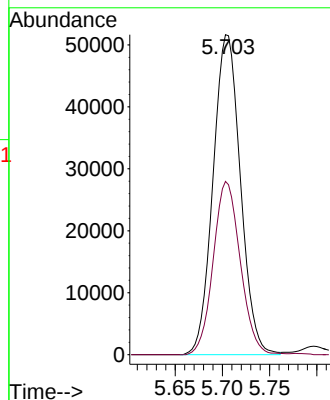
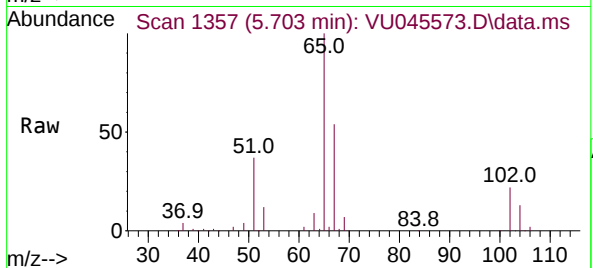
67 53.4 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

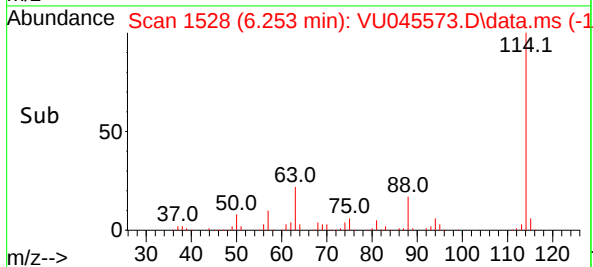
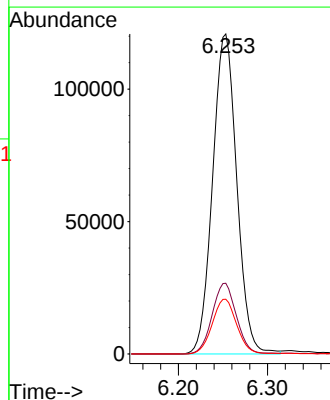
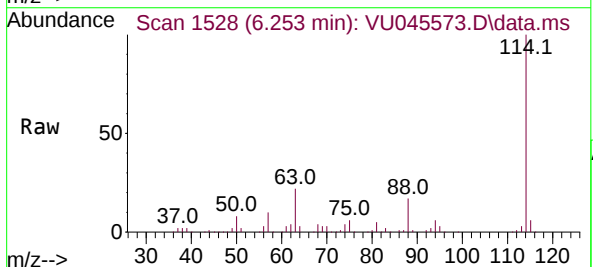
Tgt Ion:114 Resp: 228086

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

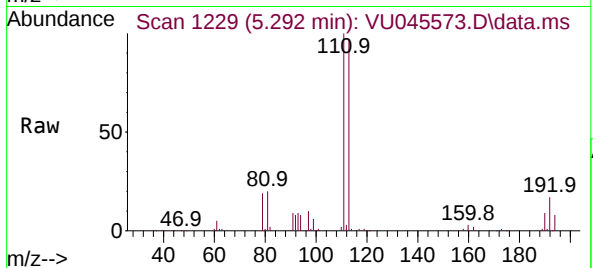
88 17.1 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.455 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

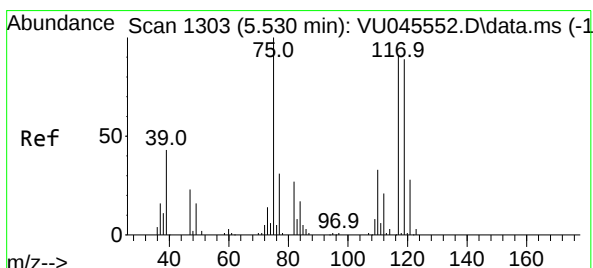
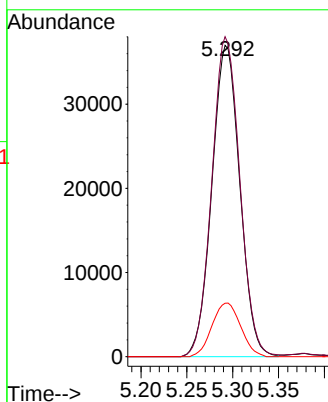
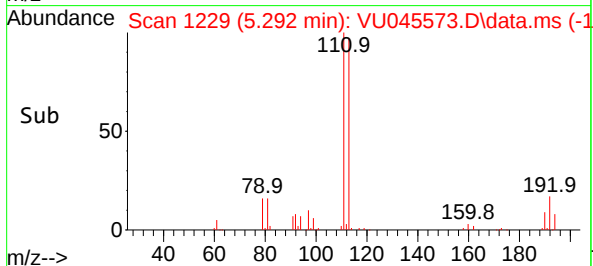
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBSD01



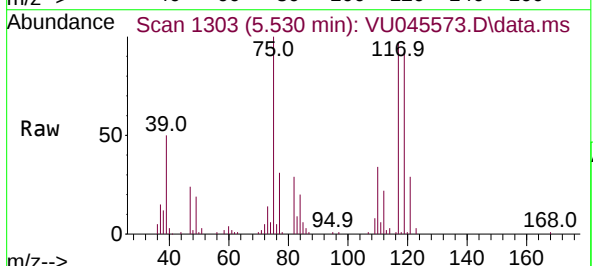
Tgt Ion: 113 Resp: 78350
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 17.7 14.8 22.2

Manual Integrations
APPROVED

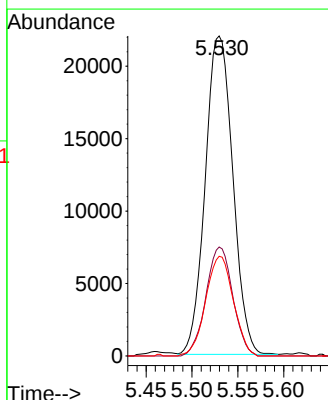
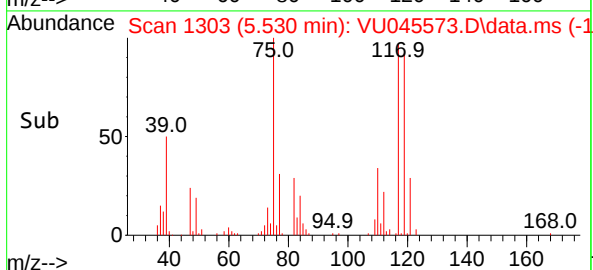
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

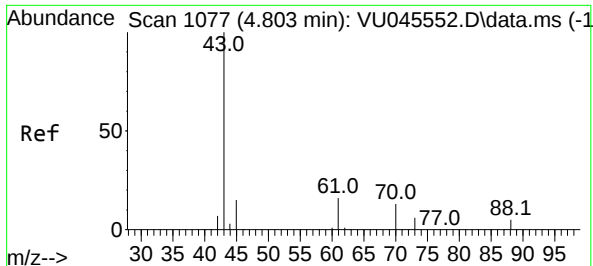


#36
1,1-Dichloropropene
Concen: 20.664 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47



Tgt Ion: 75 Resp: 45957
Ion Ratio Lower Upper
75 100
110 33.2 16.7 50.0
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 21.720 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

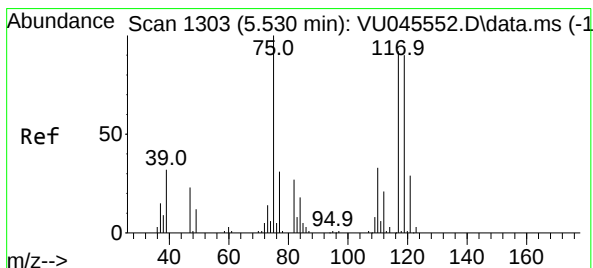
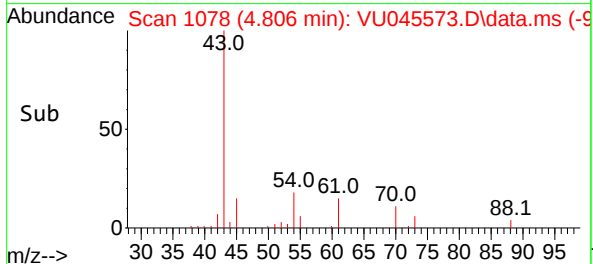
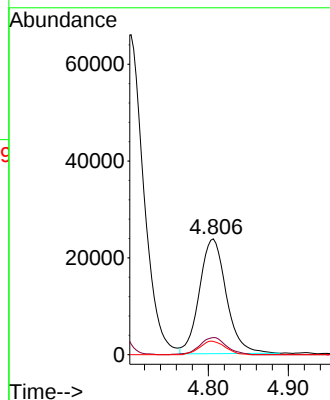
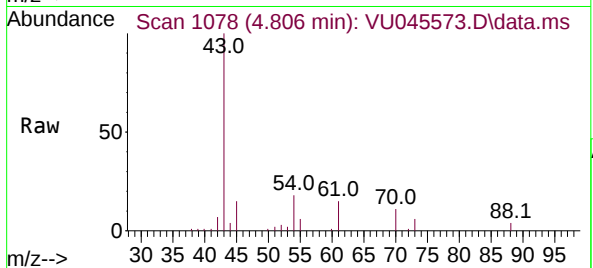
Tgt Ion: 43	Resp: 55490
Ion Ratio	Lower Upper
43	100
61	14.9 11.6 17.4
70	11.1 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#38

Carbon Tetrachloride

Concen: 20.564 ug/l

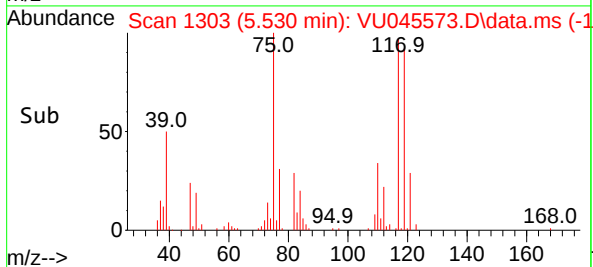
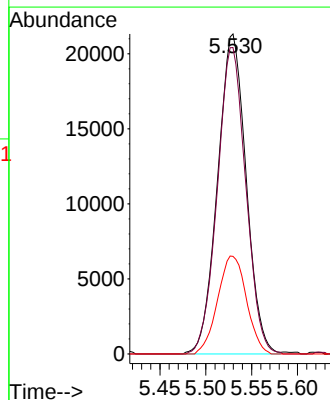
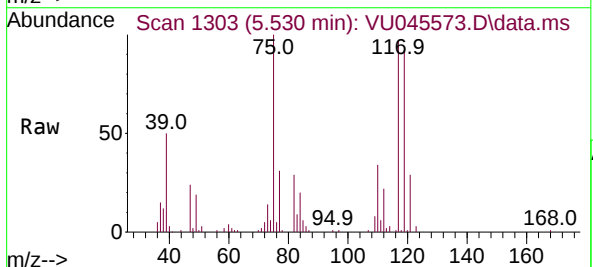
RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Tgt Ion: 117	Resp: 46108
Ion Ratio	Lower Upper
117	100
119	95.8 77.4 116.0
121	30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 20.160 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

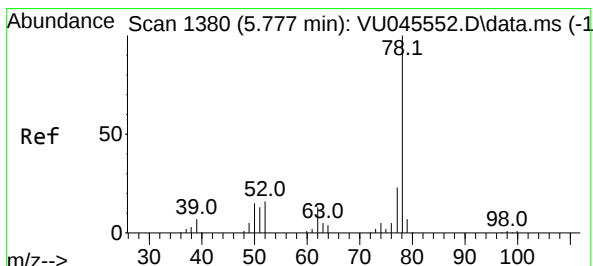
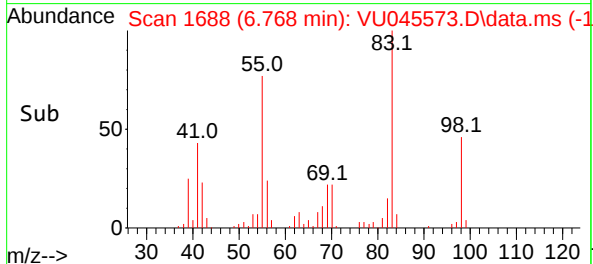
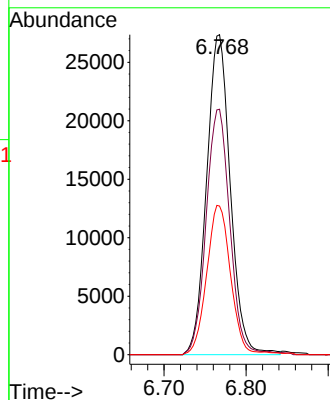
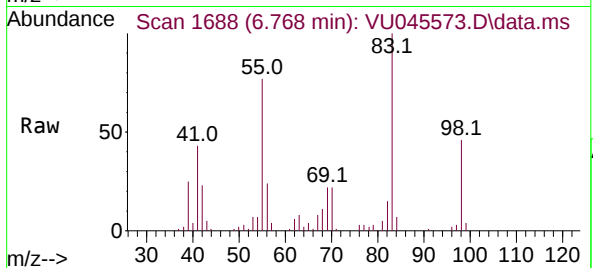
Tgt Ion: 83	Resp: 5500
Ion Ratio	Lower Upper
83	100
55	76.7 63.6 95.4
98	46.5 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Benzene

Concen: 20.703 ug/l

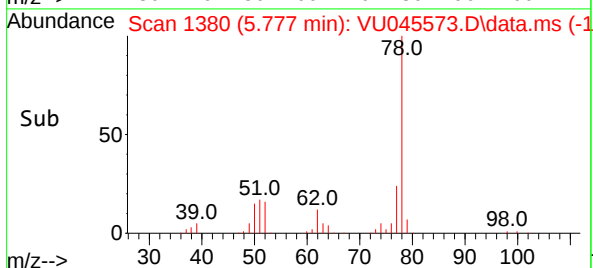
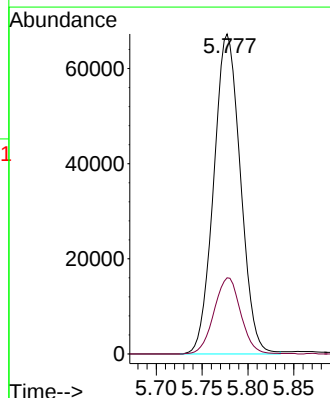
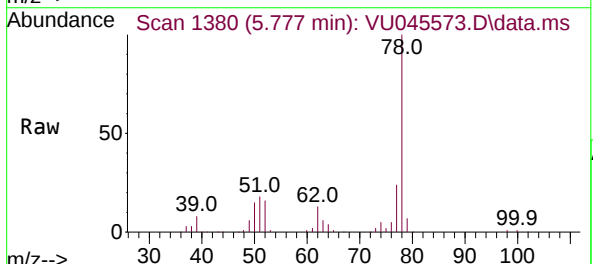
RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

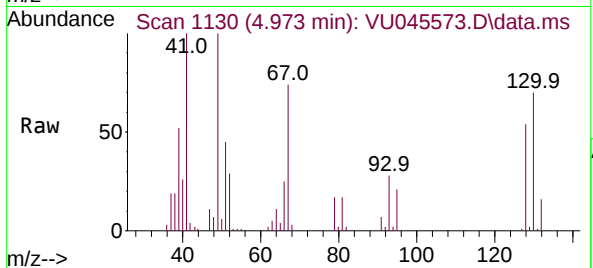
Tgt Ion: 78	Resp: 136316
Ion Ratio	Lower Upper
78	100
77	23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 22.450 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01

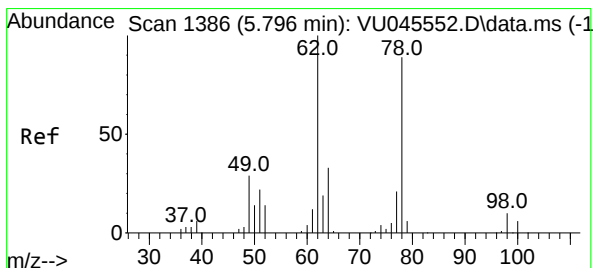
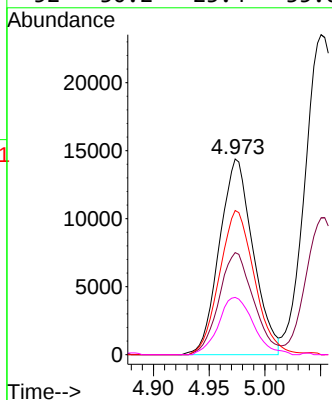
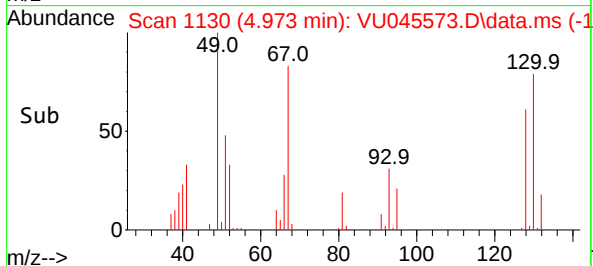


Tgt Ion: 41 Resp: 30310

Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.4	65.0
67	76.4	61.0	91.4
52	30.2	23.4	35.0

Manual Integrations
APPROVED

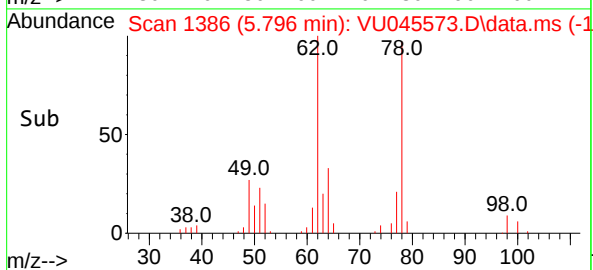
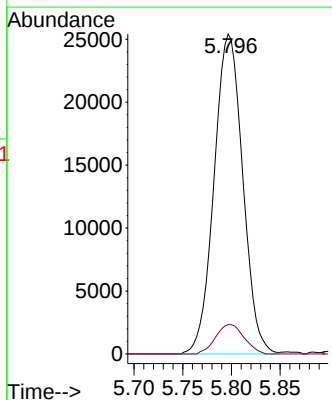
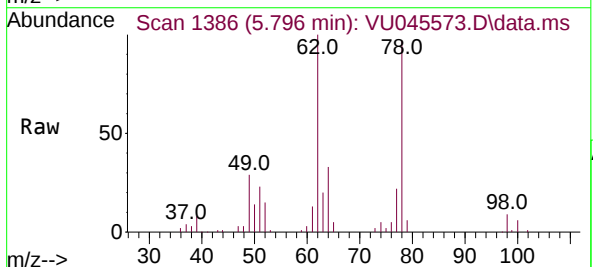
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

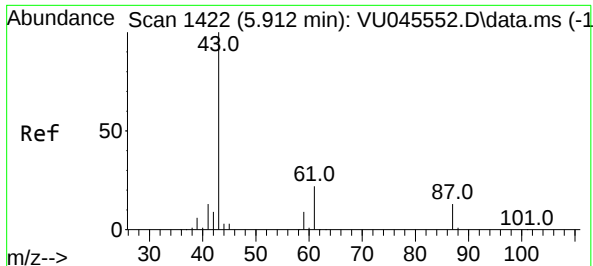


#42
1,2-Dichloroethane
Concen: 21.857 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Tgt Ion: 62 Resp: 51984

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 21.673 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 43 Resp: 8469

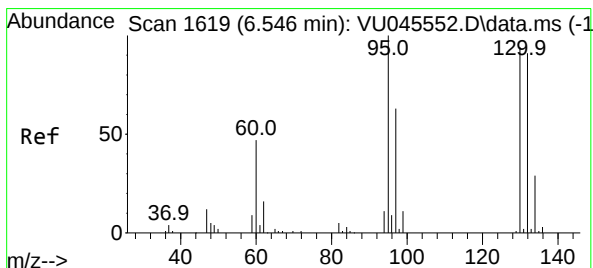
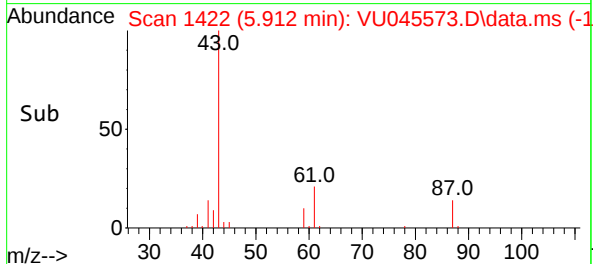
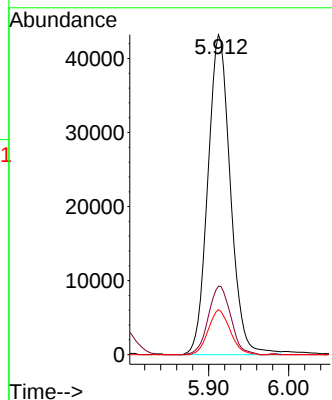
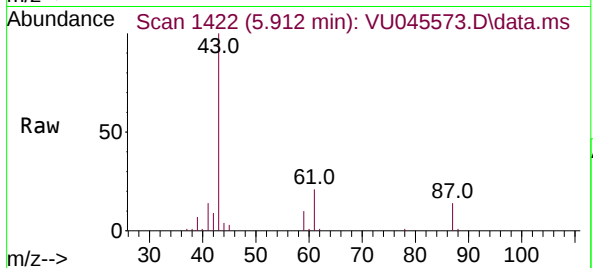
Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.9	25.3
87	13.6	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#44

Trichloroethene

Concen: 20.992 ug/l

RT: 6.546 min Scan# 1619

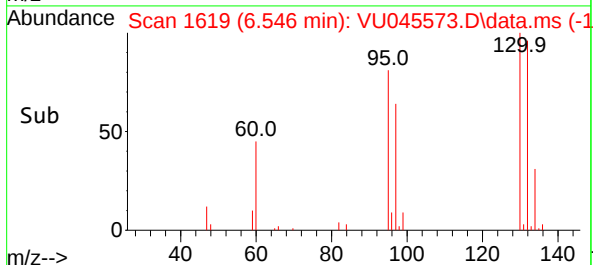
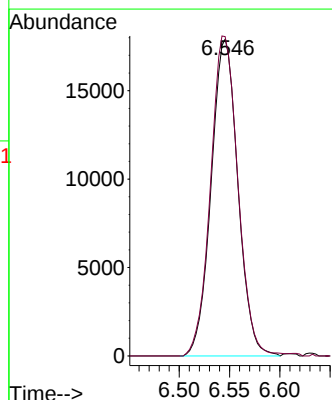
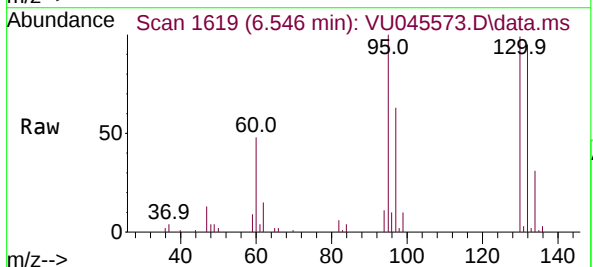
Delta R.T. 0.000 min

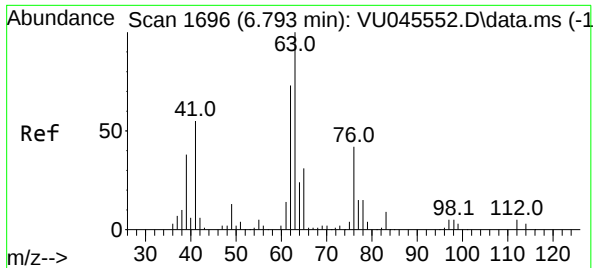
Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Tgt Ion:130 Resp: 33086

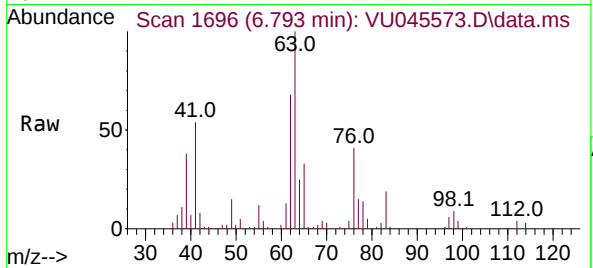
Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	211.4





#45
1,2-Dichloropropane
Concen: 21.378 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

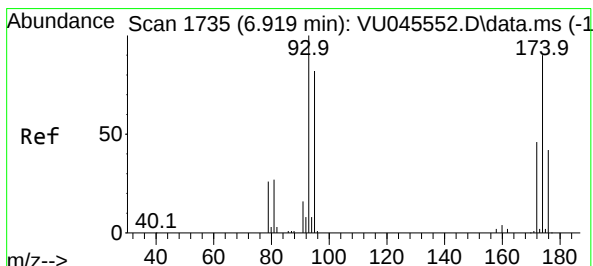
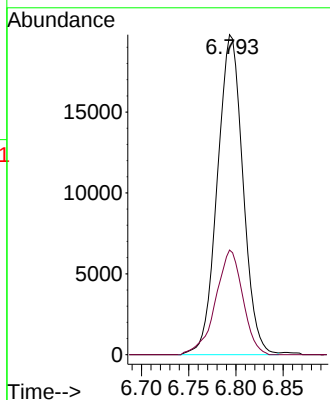
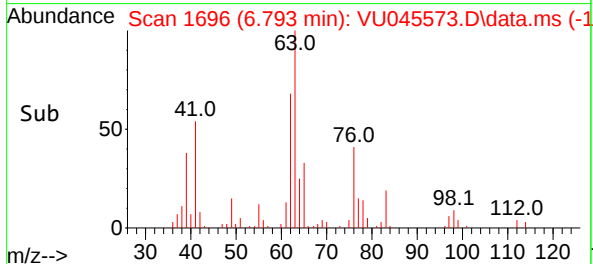
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



Tgt Ion: 63 Resp: 37240
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5

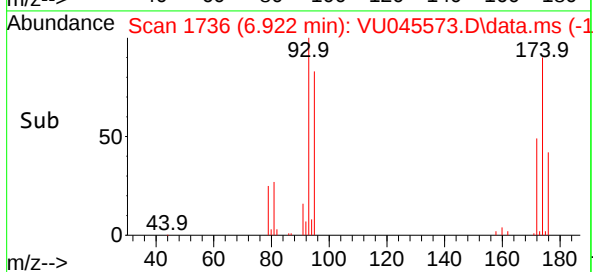
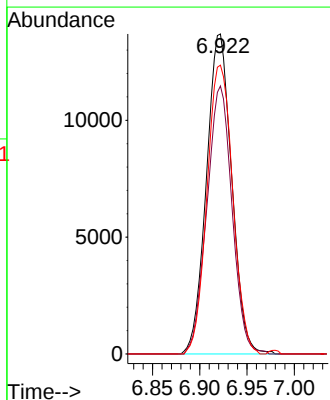
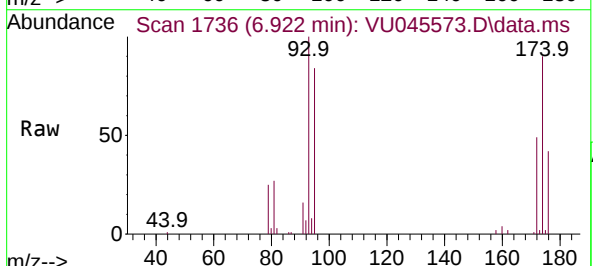
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#46
Dibromomethane
Concen: 21.128 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Tgt Ion: 93 Resp: 25505
Ion Ratio Lower Upper
93 100
95 83.1 66.2 99.2
174 91.5 71.0 106.6





#47

Bromodichloromethane

Concen: 21.232 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

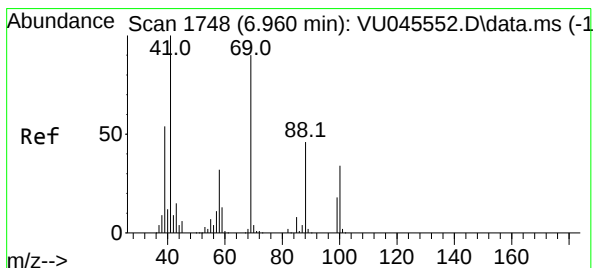
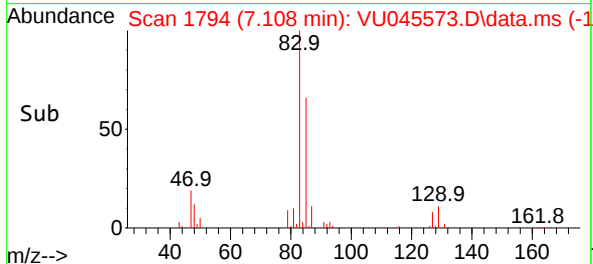
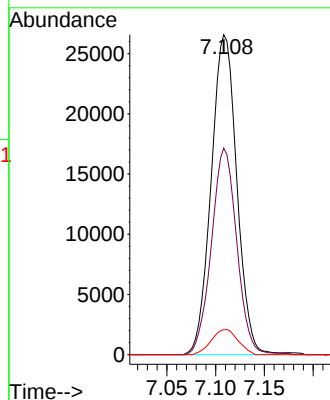
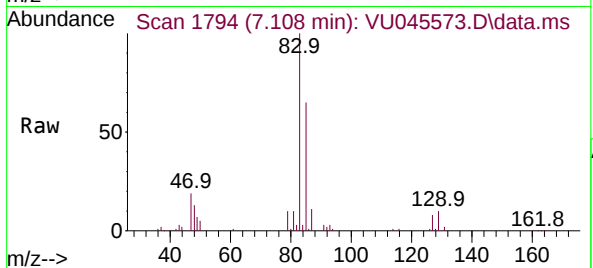
Tgt Ion: 83	Resp: 4863
Ion Ratio	Lower Upper
83	100
85	64.5 49.8 74.6
127	7.8 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#48

Methyl methacrylate

Concen: 21.560 ug/l

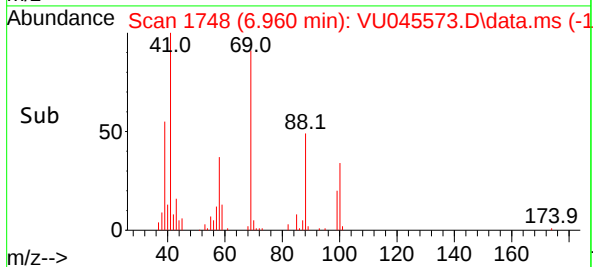
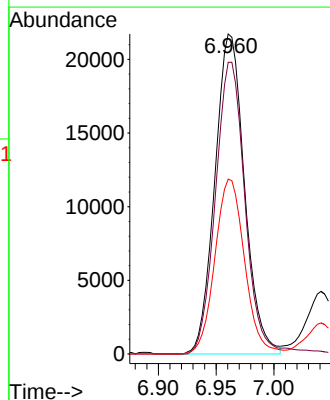
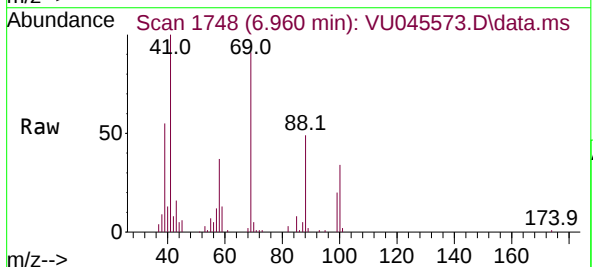
RT: 6.960 min Scan# 1748

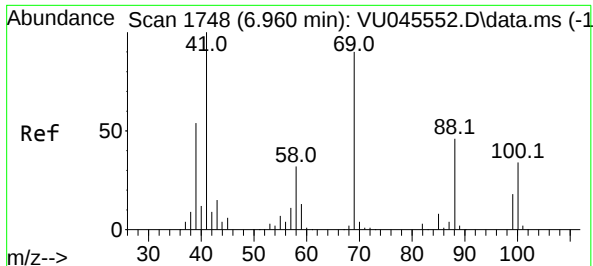
Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Tgt Ion: 41	Resp: 38776
Ion Ratio	Lower Upper
41	100
69	91.5 70.2 105.2
39	54.7 43.9 65.9





#49

1,4-Dioxane

Concen: 463.672 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 88 Resp: 21440

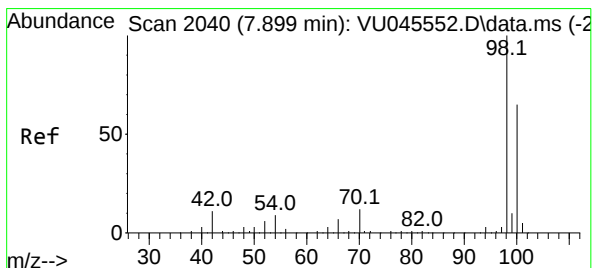
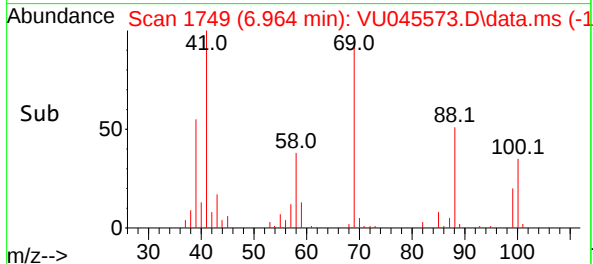
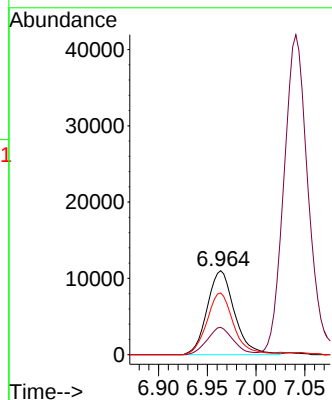
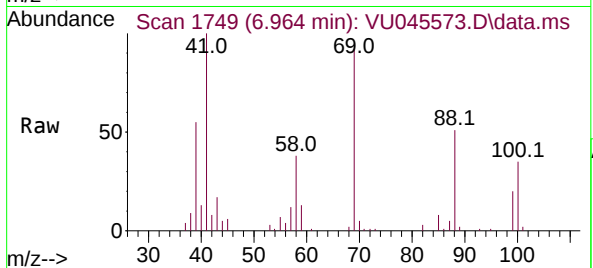
Ion	Ratio	Lower	Upper
88	100		
43	31.2	0.0	0.0
58	71.3	58.7	88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#50

Toluene-d8

Concen: 52.879 ug/l

RT: 7.899 min Scan# 2040

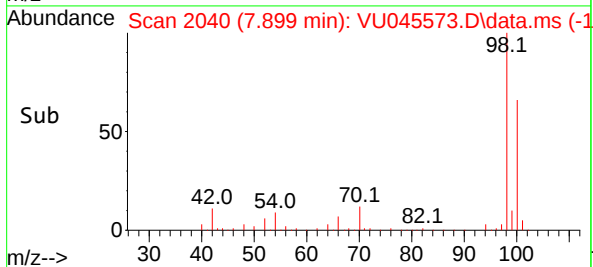
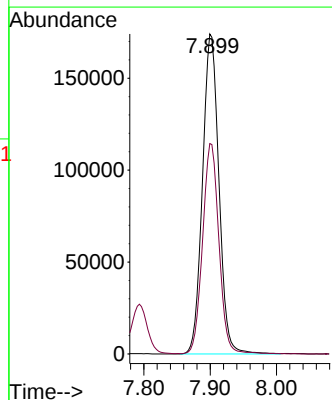
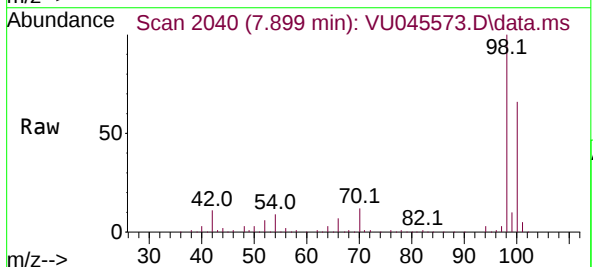
Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Tgt Ion: 98 Resp: 299430

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 110.671 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 43 Resp: 28527

Ion Ratio Lower Upper

43 100

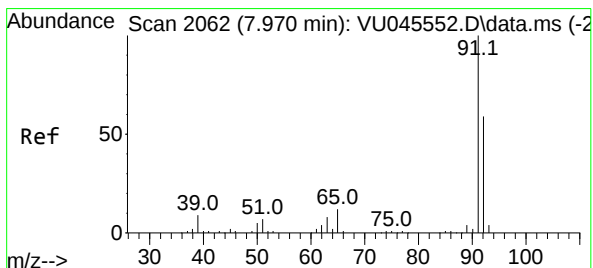
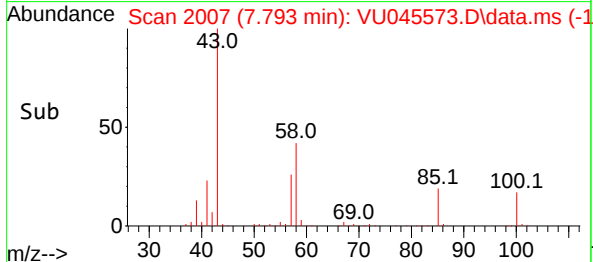
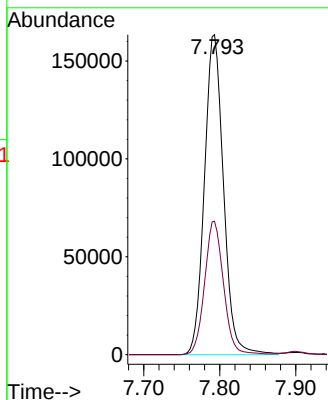
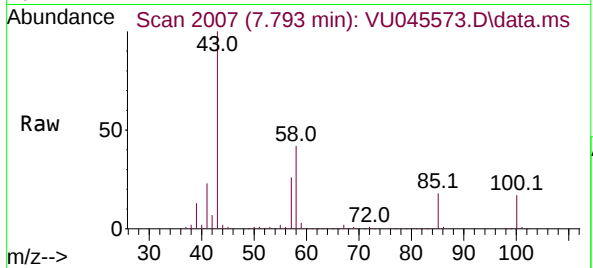
58 41.3 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#52

Toluene

Concen: 21.692 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU045573.D

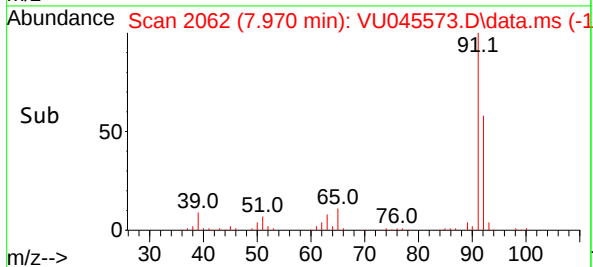
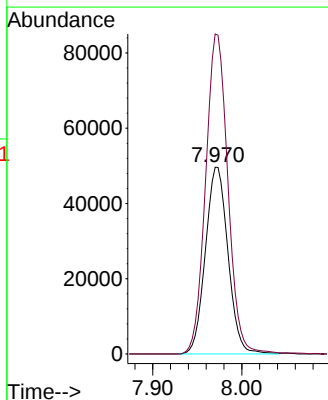
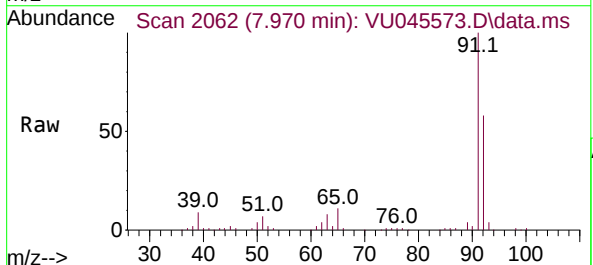
Acq: 05 Nov 2021 20:47

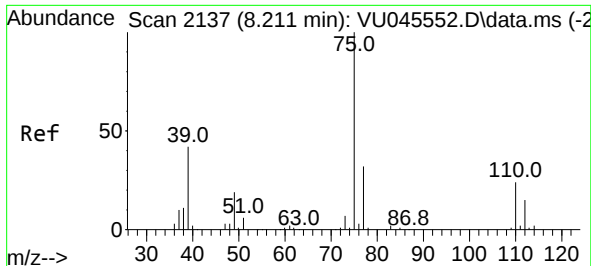
Tgt Ion: 92 Resp: 87445

Ion Ratio Lower Upper

92 100

91 169.2 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 20.576 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 75 Resp: 5416

Ion Ratio Lower Upper

75 100

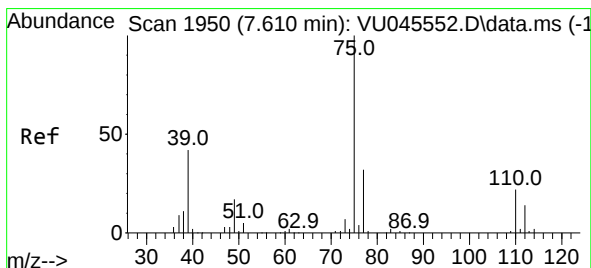
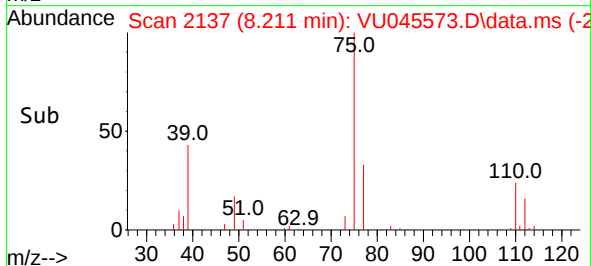
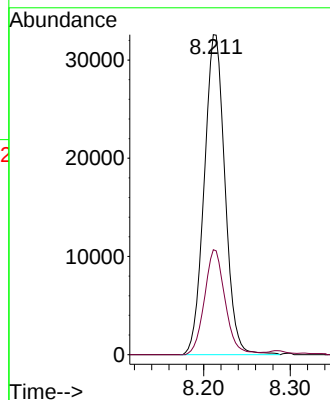
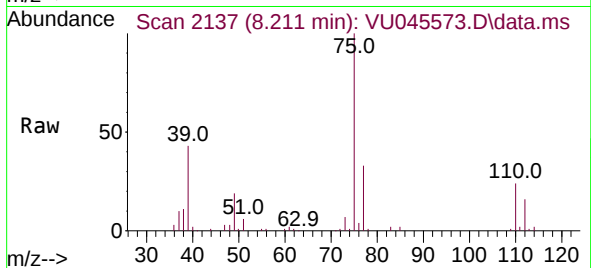
77 32.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#54

cis-1,3-Dichloropropene

Concen: 20.836 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

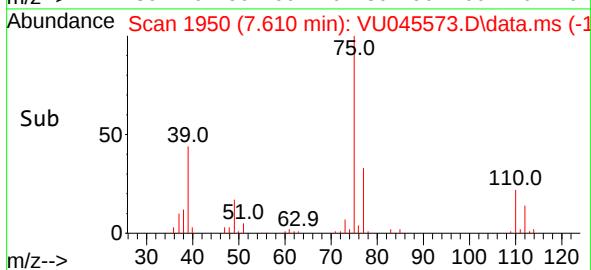
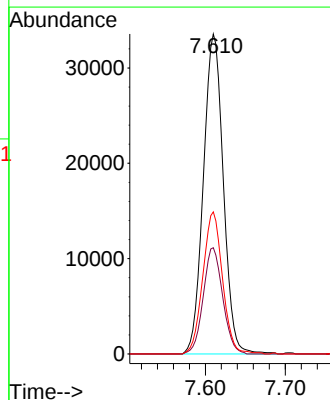
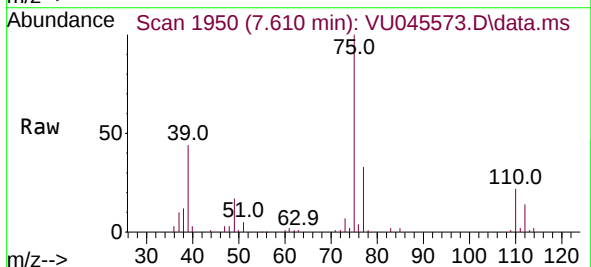
Tgt Ion: 75 Resp: 58259

Ion Ratio Lower Upper

75 100

77 33.2 24.6 37.0

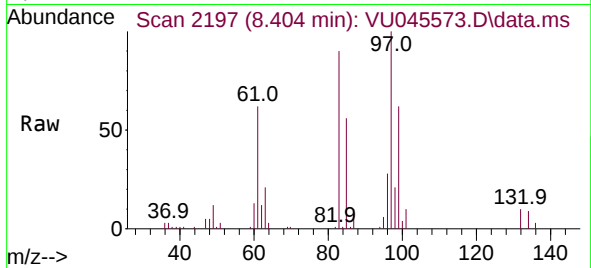
39 44.4 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 21.277 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

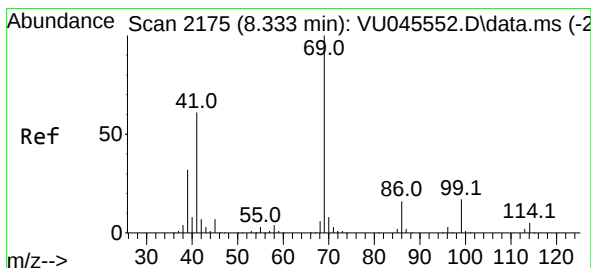
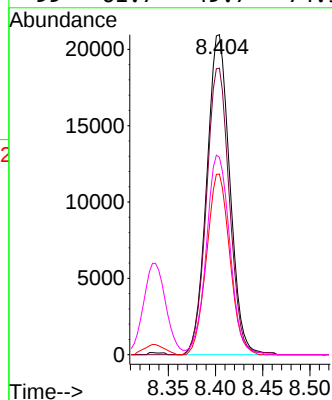
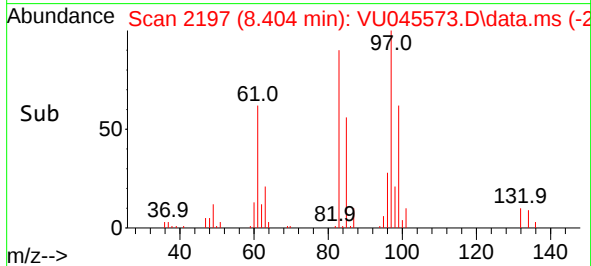
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



Tgt Ion: 97 Resp: 35548
Ion Ratio Lower Upper
97 100
83 89.5 70.3 105.5
85 56.4 45.5 68.3
99 61.7 49.7 74.5

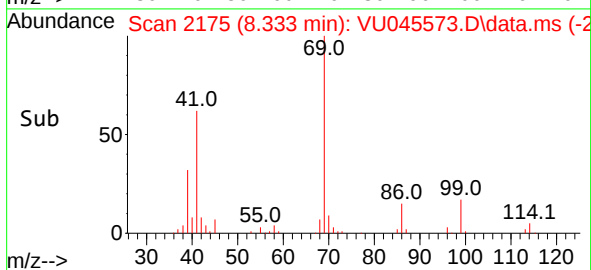
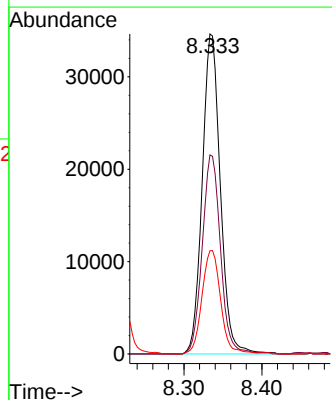
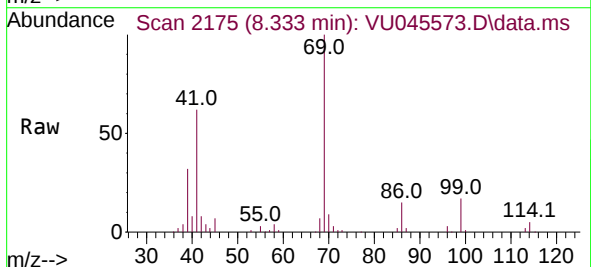
Manual Integrations
APPROVED

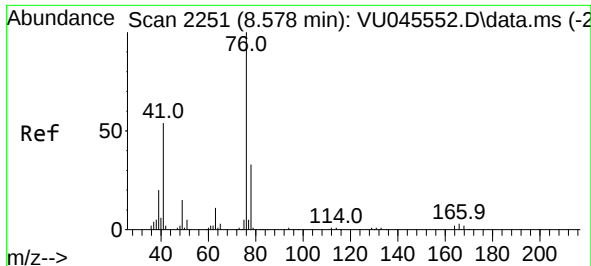
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#56
Ethyl methacrylate
Concen: 20.183 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Tgt Ion: 69 Resp: 55929
Ion Ratio Lower Upper
69 100
41 62.5 51.0 76.4
39 33.3 26.6 39.8





#57

1,3-Dichloropropane

Concen: 21.466 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 76 Resp: 64594

Ion Ratio Lower Upper

76 100

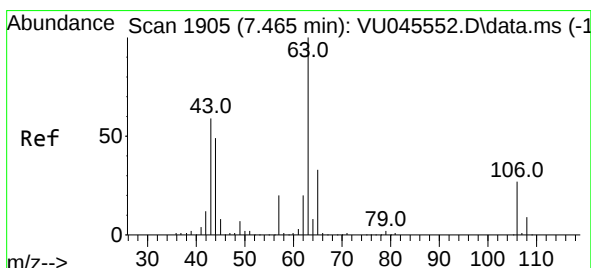
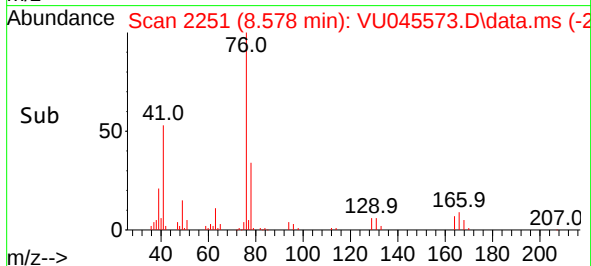
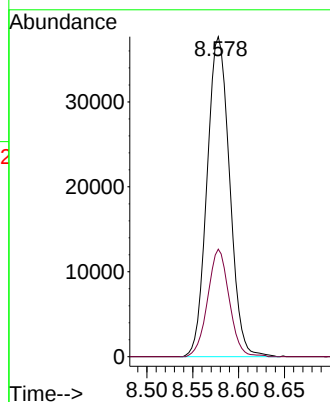
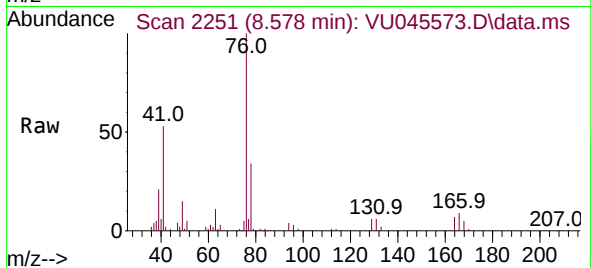
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#58

2-Chloroethyl Vinyl ether

Concen: 97.348 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045573.D

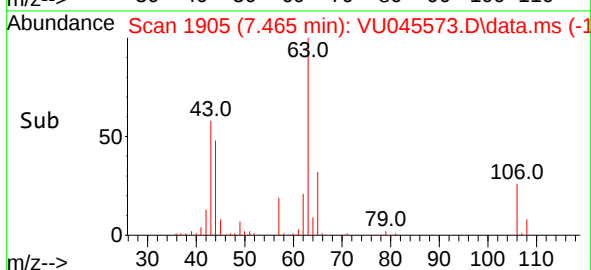
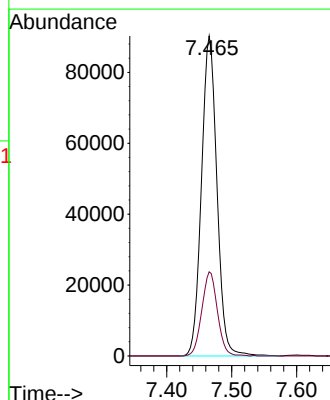
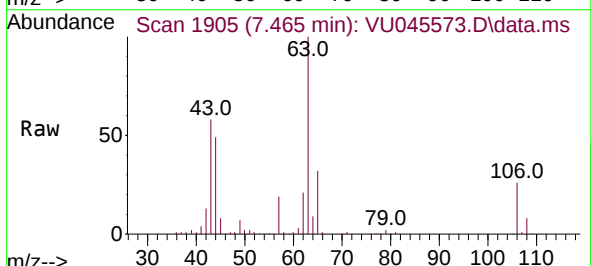
Acq: 05 Nov 2021 20:47

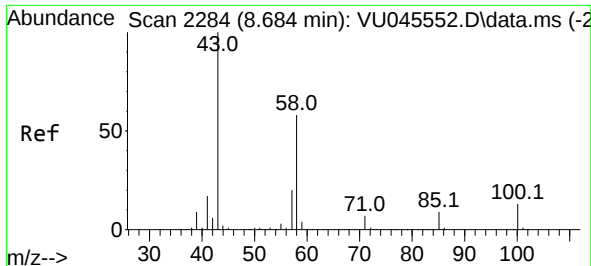
Tgt Ion: 63 Resp: 149733

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4





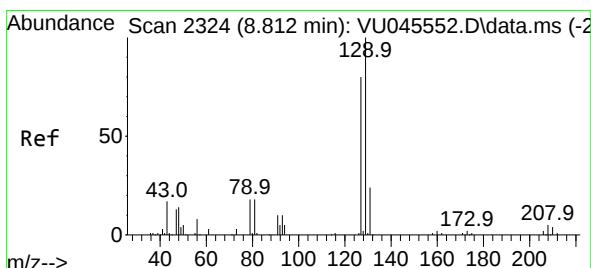
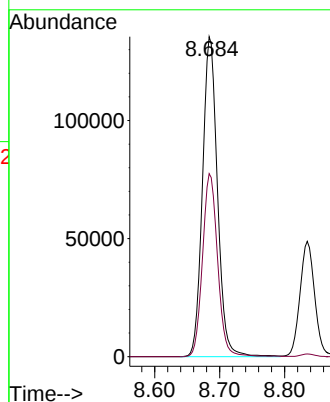
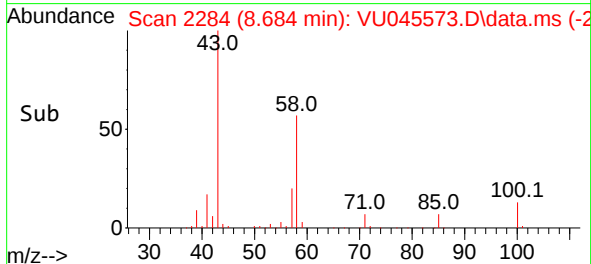
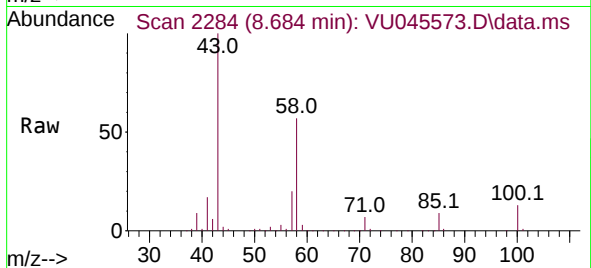
#59
2-Hexanone
Concen: 101.778 ug/l
RT: 8.684 min Scan# 21794
Delta R.T. -0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01

Tgt Ion: 43 Resp: 21794
Ion Ratio Lower Upper
43 100
58 57.5 29.5 88.6

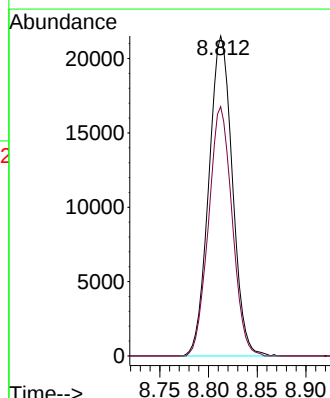
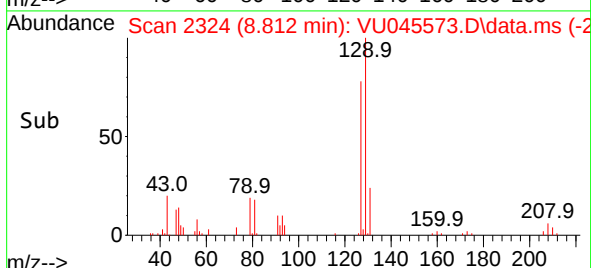
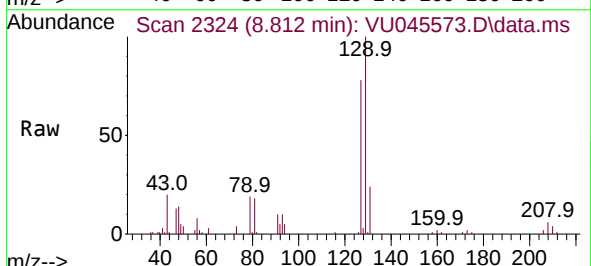
Manual Integrations
APPROVED

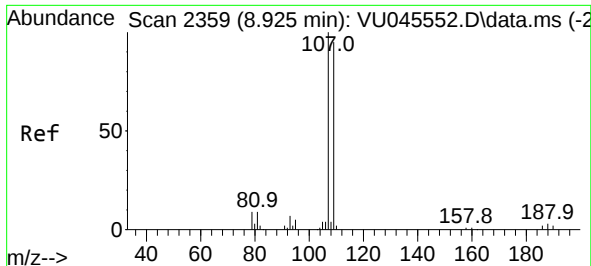
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
Dibromochloromethane
Concen: 20.834 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Tgt Ion:129 Resp: 36245
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





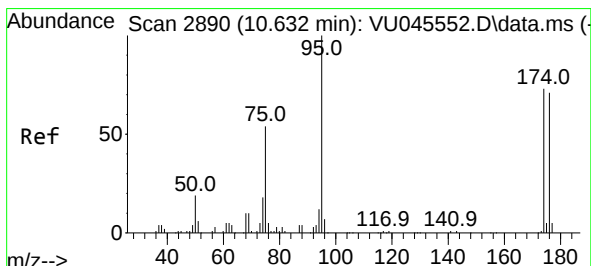
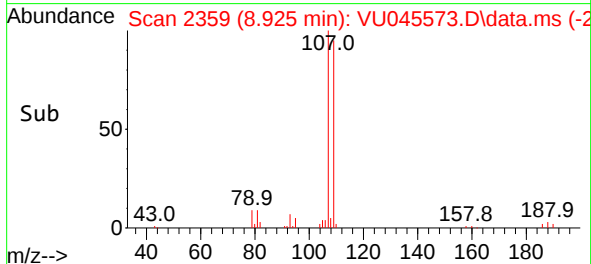
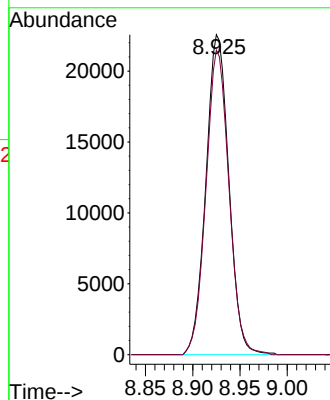
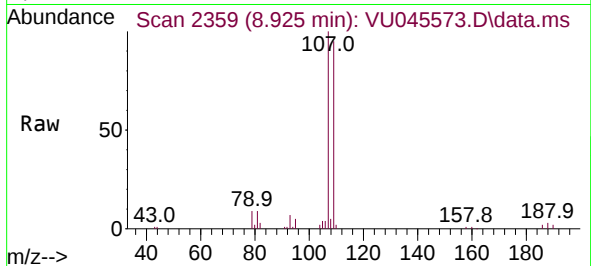
#61
1,2-Dibromoethane
Concen: 21.292 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Instrument :
MSVOA_U
ClientSampleId :
VU1105MBSD01

Tgt Ion:107 Resp: 3815
Ion Ratio Lower Upper
107 100
109 95.3 75.8 113.8

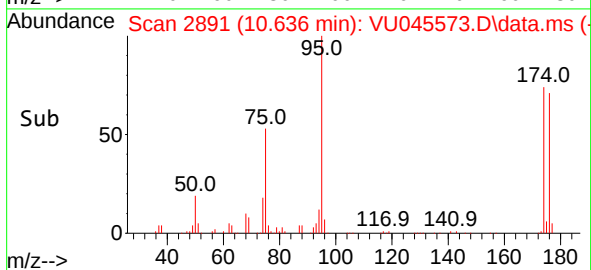
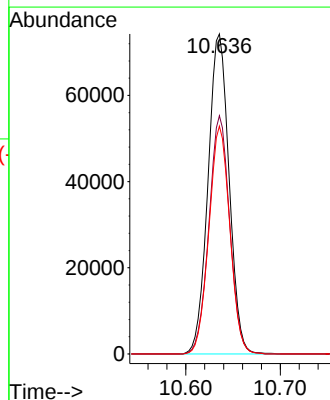
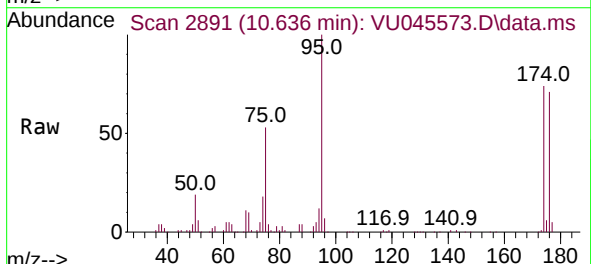
Manual Integrations
APPROVED

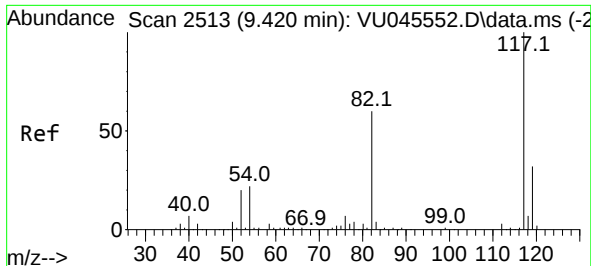
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
4-Bromofluorobenzene
Concen: 50.593 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

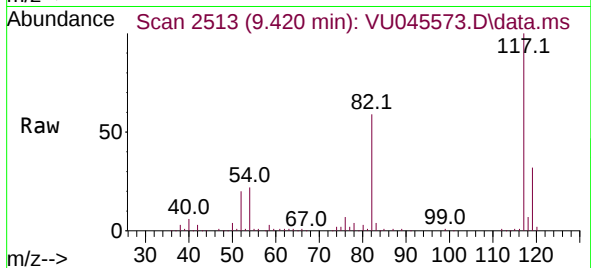
Tgt Ion: 95 Resp: 114880
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.8
176 70.6 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

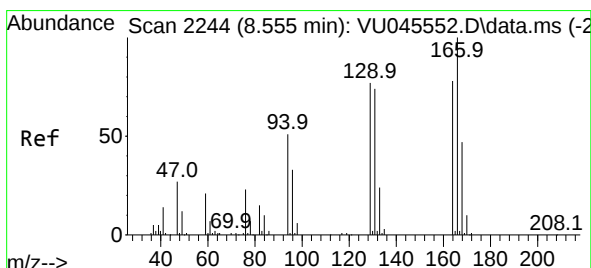
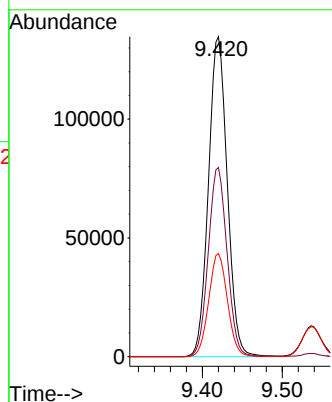
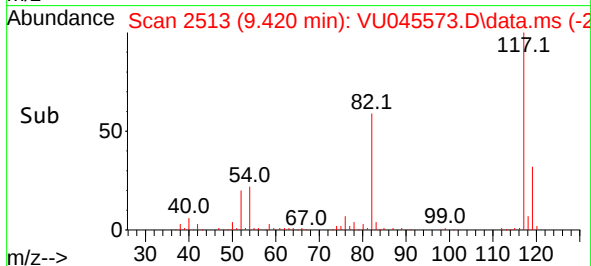
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



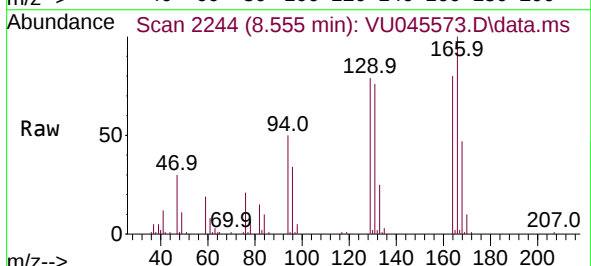
Tgt Ion:117 Resp: 220483
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.3 25.8 38.8

Manual Integrations
APPROVED

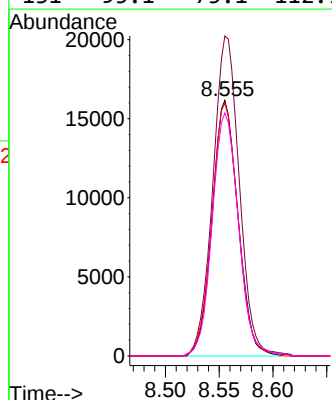
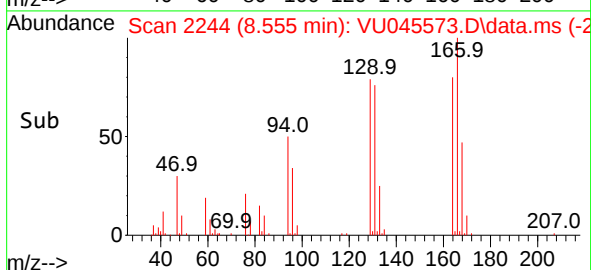
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

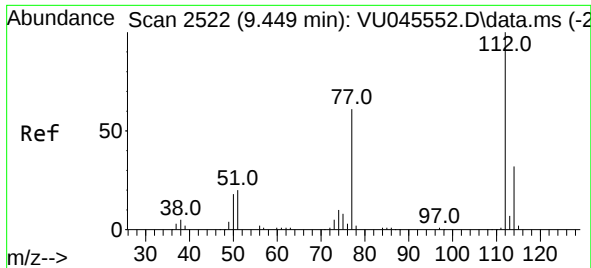


#64
Tetrachloroethene
Concen: 21.401 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47



Tgt Ion:164 Resp: 27083
Ion Ratio Lower Upper
164 100
166 125.3 102.2 153.4
129 98.9 78.2 117.4
131 95.1 75.1 112.7





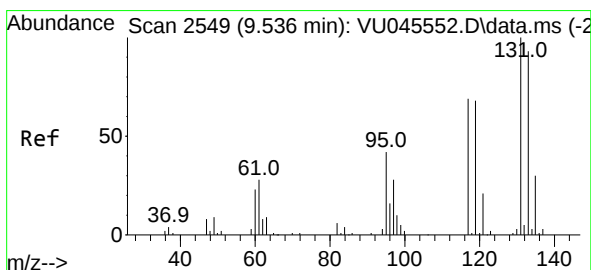
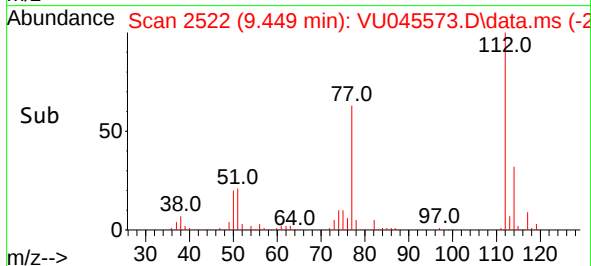
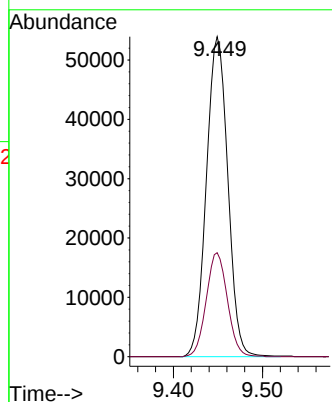
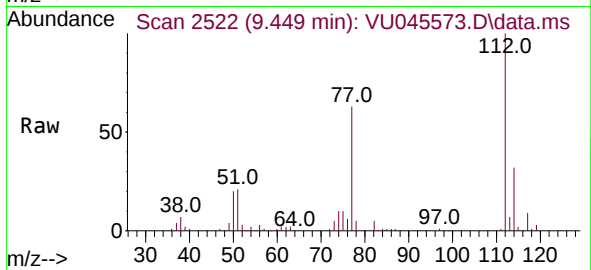
#65
Chlorobenzene
Concen: 20.777 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01

Tgt Ion:112 Resp: 8998
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

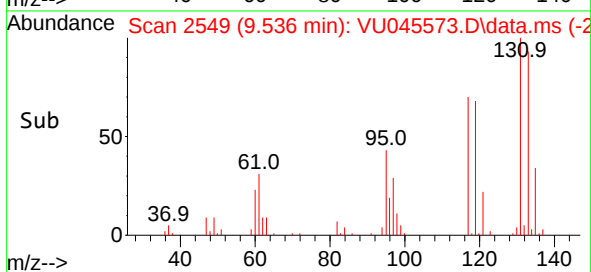
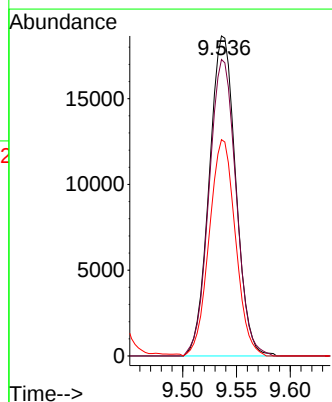
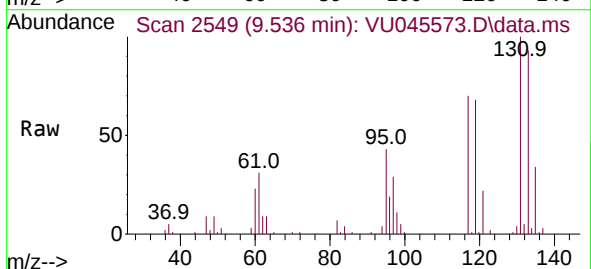
Manual Integrations
APPROVED

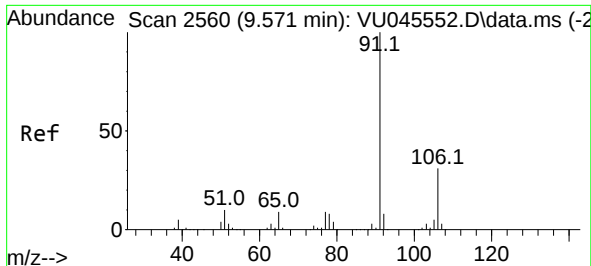
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.724 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Tgt Ion:131 Resp: 32011
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 66.8 34.5 103.6





#67

Ethyl Benzene

Concen: 21.088 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 91 Resp: 163550

Ion Ratio Lower Upper

91 100

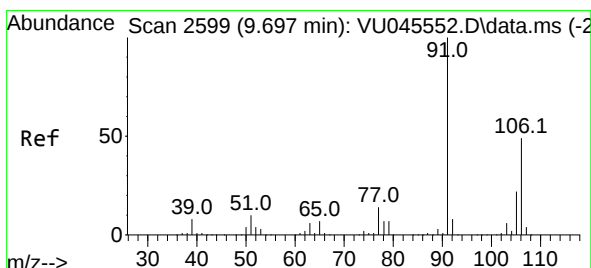
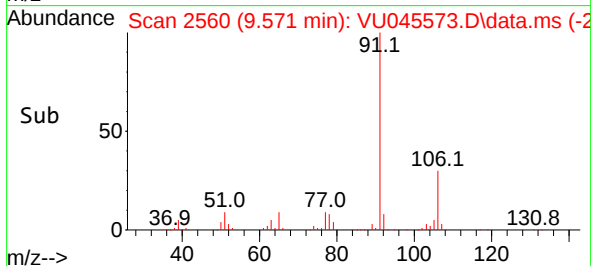
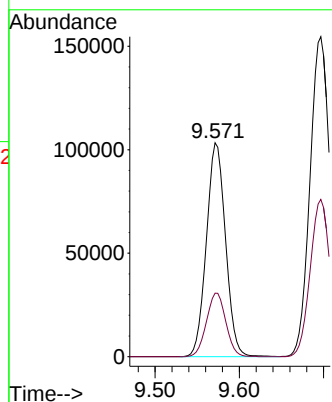
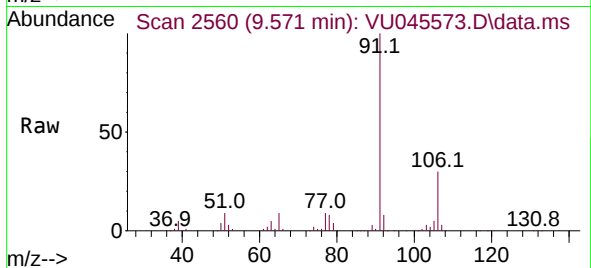
106 29.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#68

m/p-Xylenes

Concen: 42.931 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045573.D

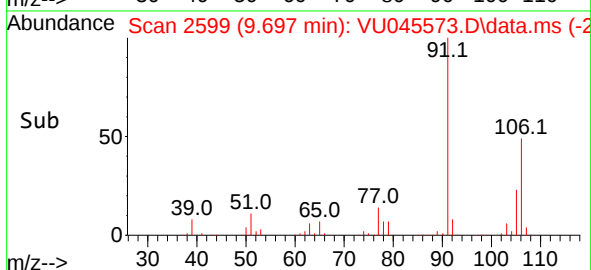
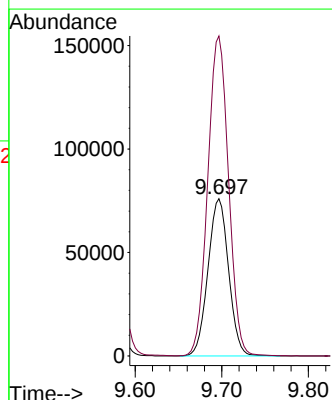
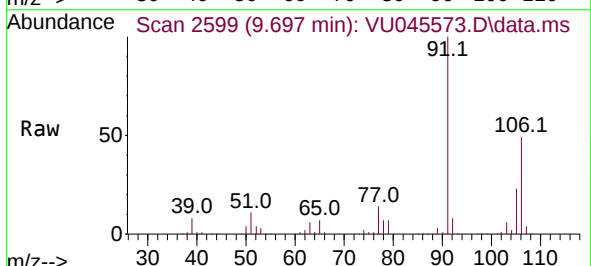
Acq: 05 Nov 2021 20:47

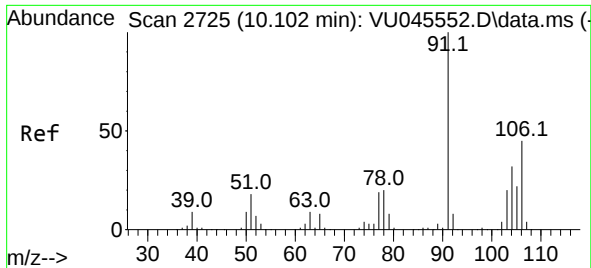
Tgt Ion:106 Resp: 125572

Ion Ratio Lower Upper

106 100

91 205.6 164.7 247.1





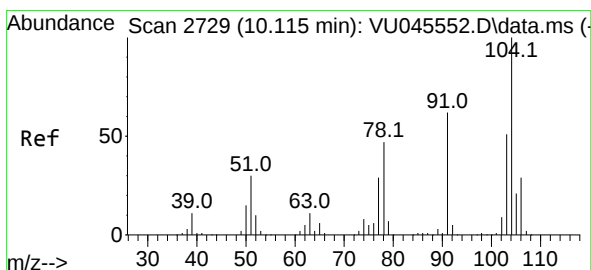
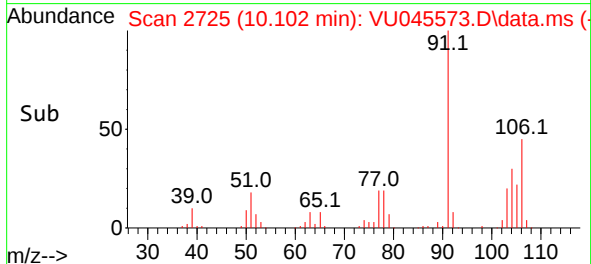
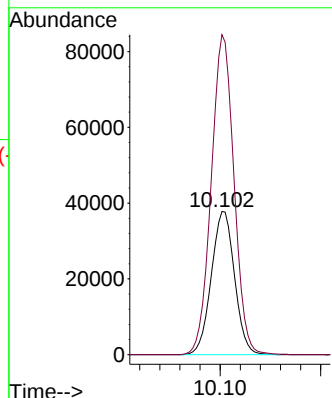
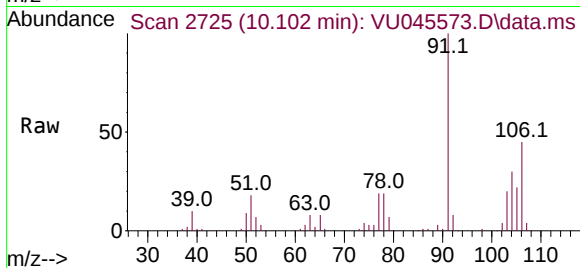
#69
o-Xylene
Concen: 21.322 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01

Tgt Ion:106 Resp: 60634
Ion Ratio Lower Upper
106 100
91 218.9 108.7 326.3

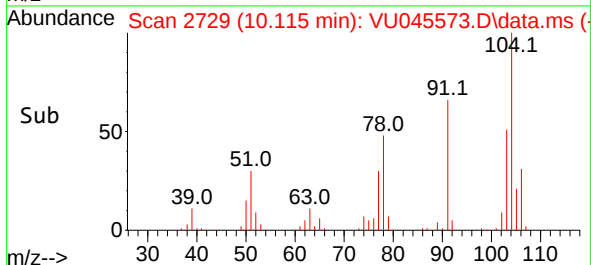
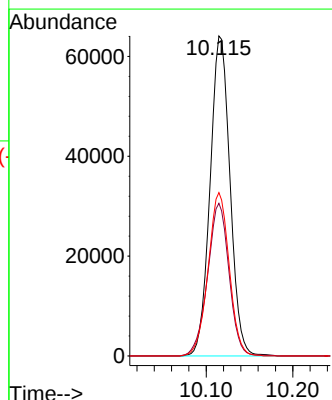
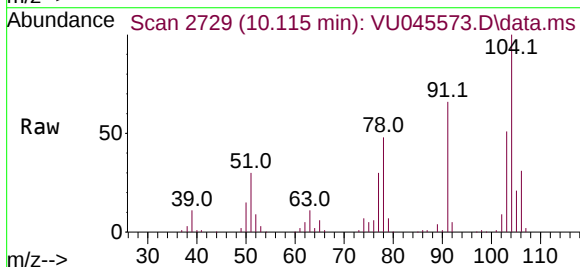
Manual Integrations
APPROVED

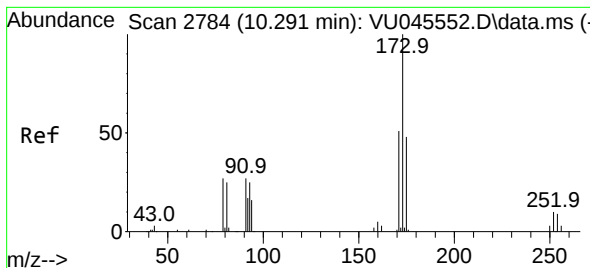
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#70
Styrene
Concen: 21.306 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Tgt Ion:104 Resp: 102501
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.6
103 54.0 43.8 65.6





#71

Bromoform

Concen: 20.261 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion:173 Resp: 26760

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.2

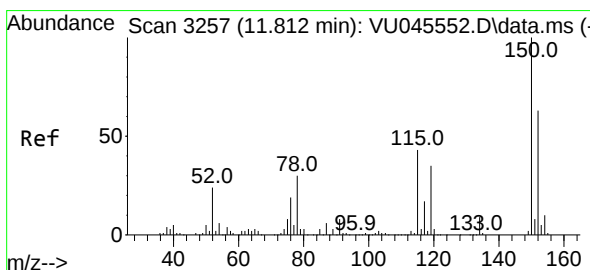
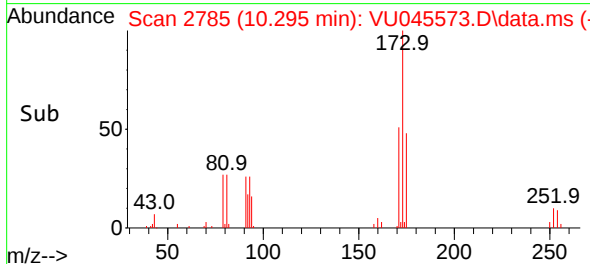
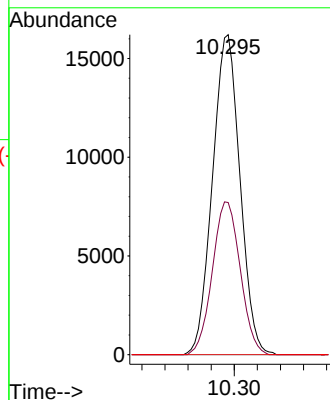
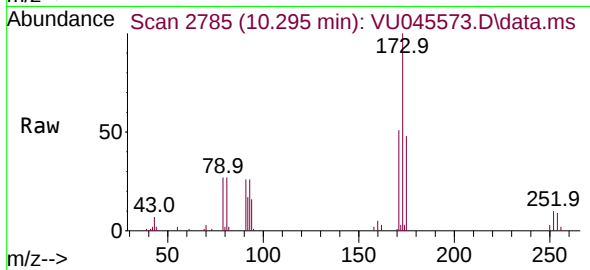
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

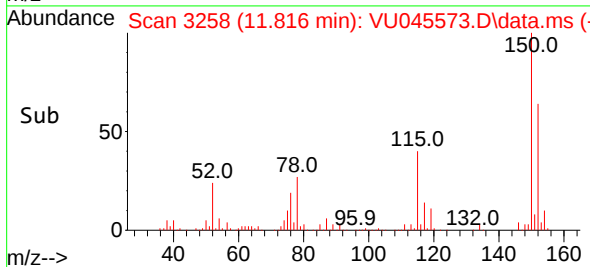
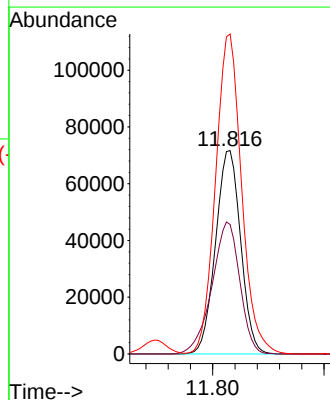
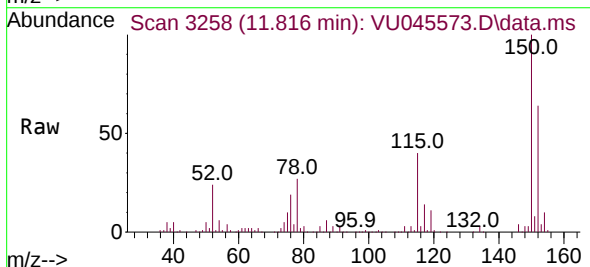
Tgt Ion:152 Resp: 112214

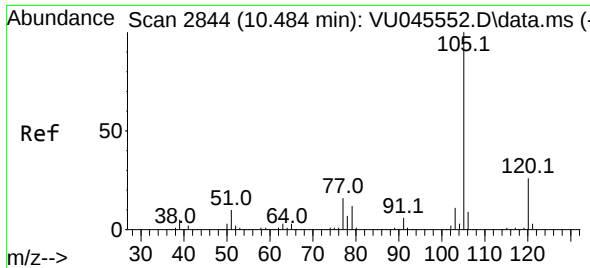
Ion Ratio Lower Upper

152 100

115 71.8 42.7 128.1

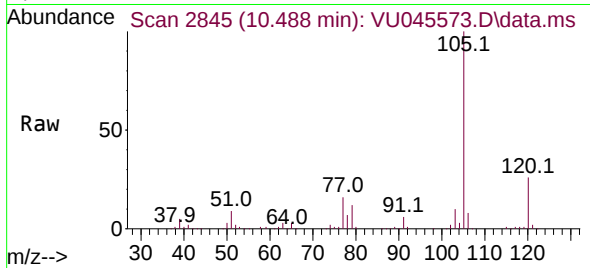
150 163.2 0.0 346.8





#73
Isopropylbenzene
Concen: 21.984 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

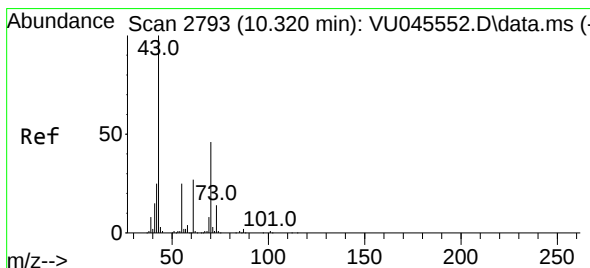
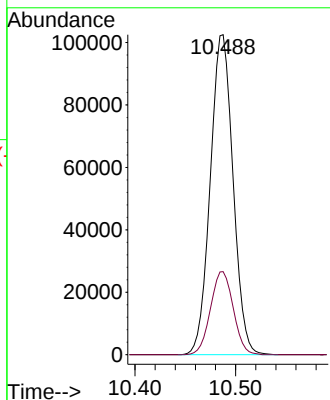
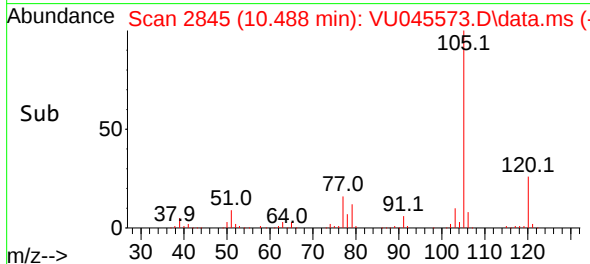
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



Tgt Ion:105 Resp: 16118
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

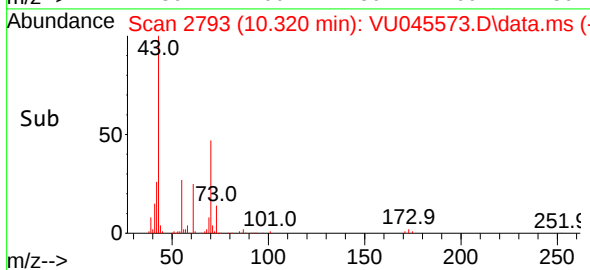
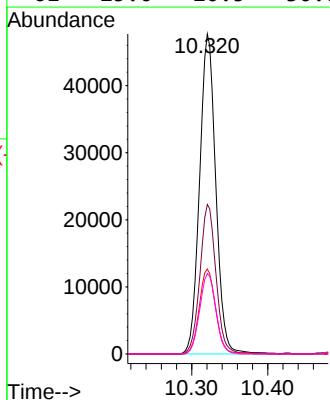
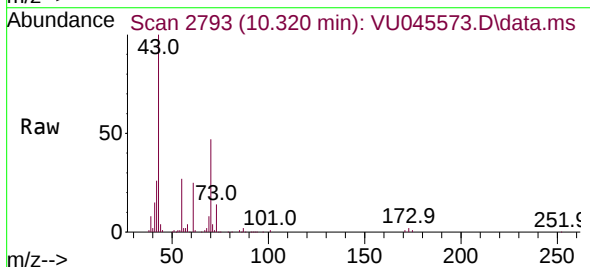
Manual Integrations
APPROVED

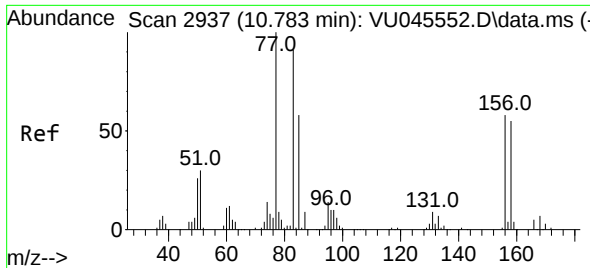
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#74
N-ethyl acetate
Concen: 21.337 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

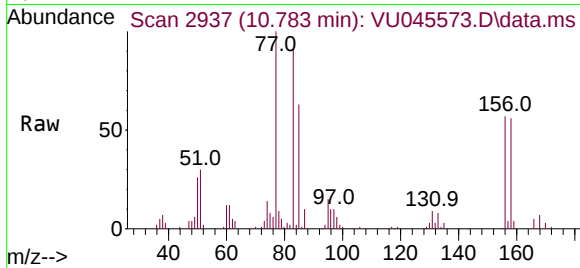
Tgt Ion: 43 Resp: 70573
Ion Ratio Lower Upper
43 100
70 46.4 36.9 55.3
55 26.6 20.6 31.0
61 25.0 20.5 30.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.187 ug/l
 RT: 10.783 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU045573.D
 Acq: 05 Nov 2021 20:47

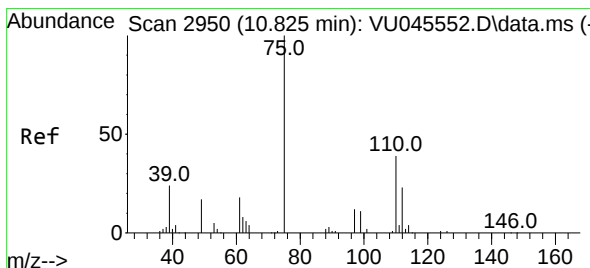
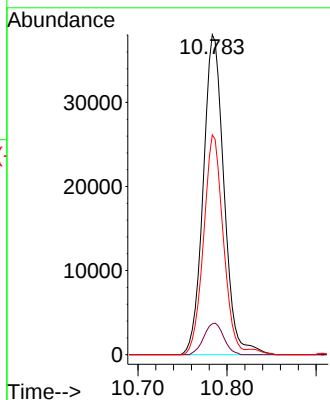
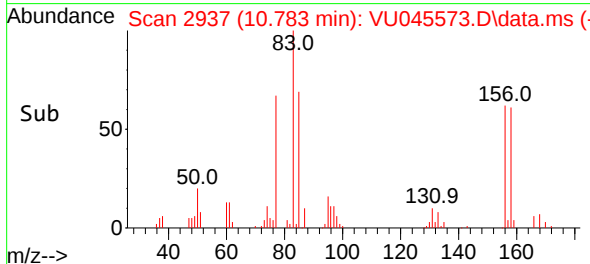
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105MBS01



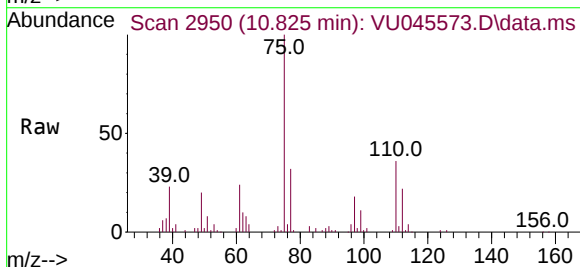
Tgt Ion: 83 Resp: 61540
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.4 13.2
 85 65.0 31.9 95.9

Manual Integrations
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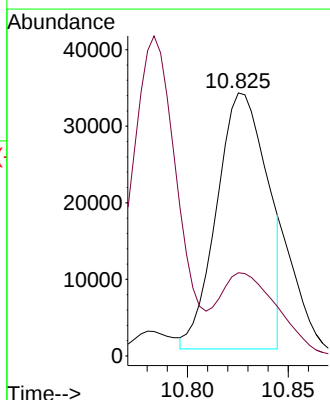
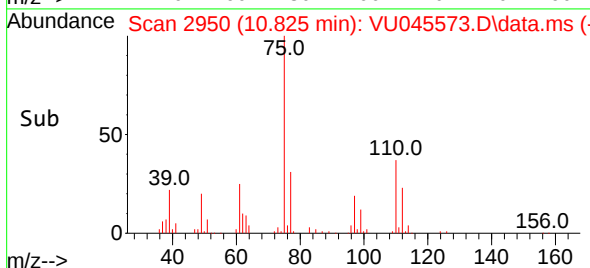
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

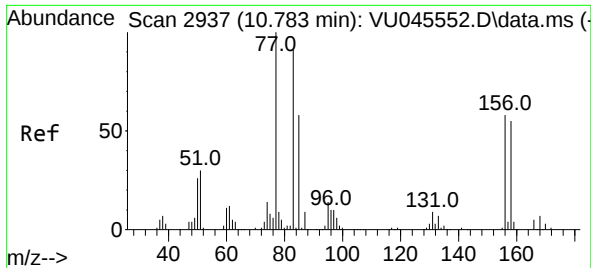


#76
 1,2,3-Trichloropropane
 Concen: 17.109 ug/l m
 RT: 10.825 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU045573.D
 Acq: 05 Nov 2021 20:47



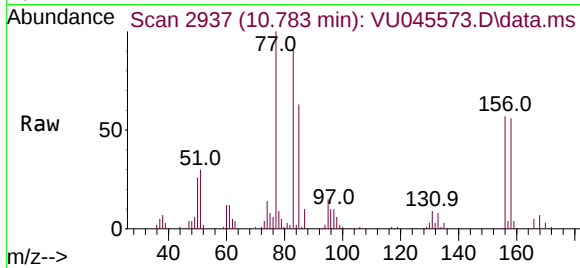
Tgt Ion: 75 Resp: 58222
 Ion Ratio Lower Upper
 75 100
 77 38.1 17.1 51.3





#77
Bromobenzene
Concen: 21.436 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

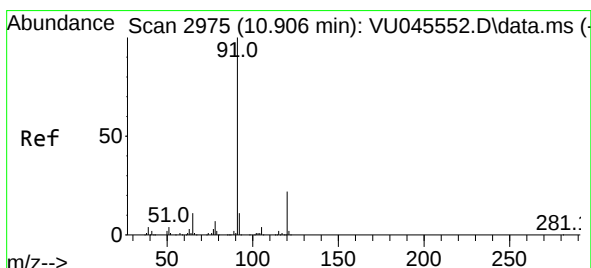
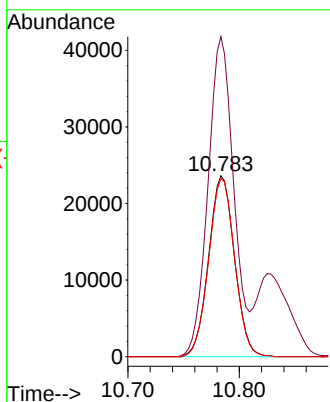
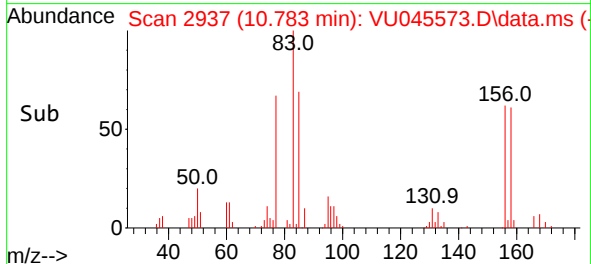
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



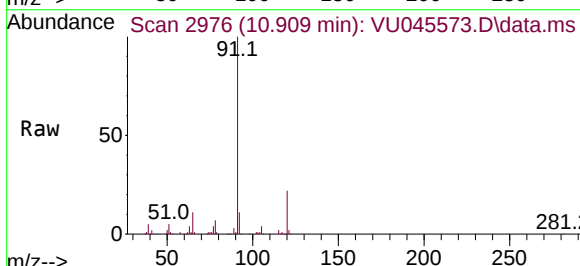
Tgt Ion:156 Resp: 38160
Ion Ratio Lower Upper
156 100
77 175.3 91.1 273.4
158 98.7 47.9 143.6

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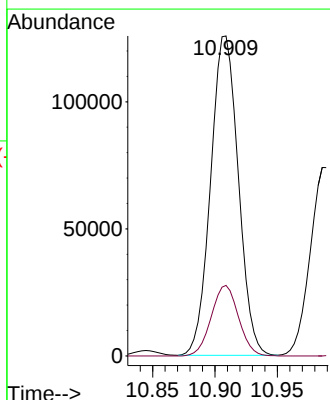
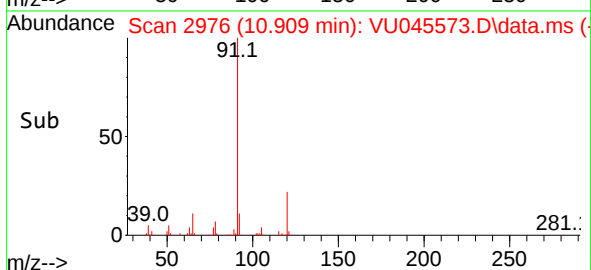
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

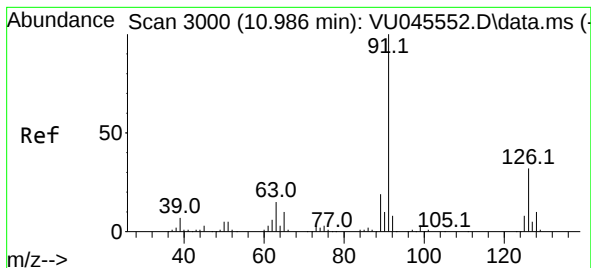


#78
n-propylbenzene
Concen: 21.304 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47



Tgt Ion: 91 Resp: 194409
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7





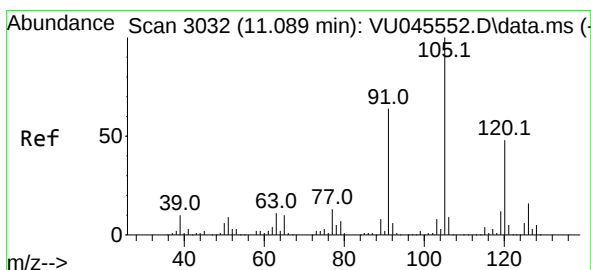
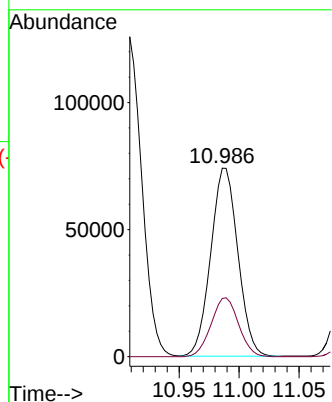
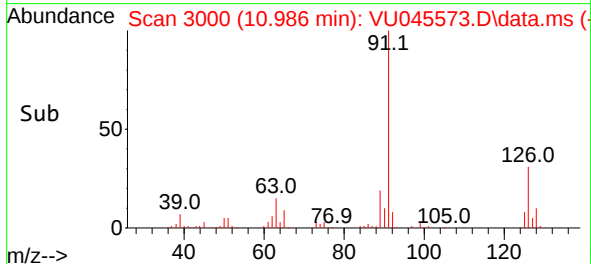
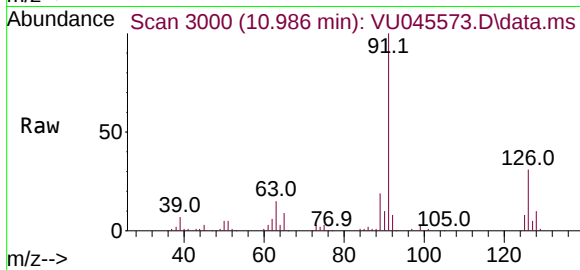
#79
2-Chlorotoluene
Concen: 21.575 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01

Tgt Ion: 91 Resp: 116317
Ion Ratio Lower Upper
91 100
126 31.7 15.6 46.8

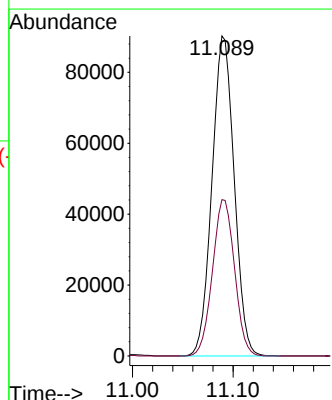
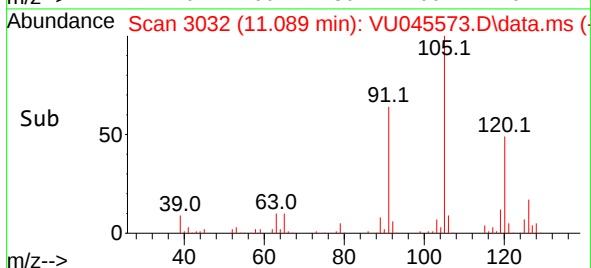
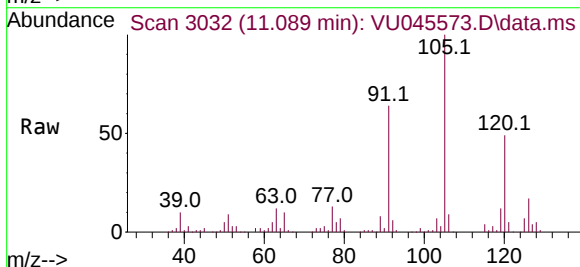
Manual Integrations
APPROVED

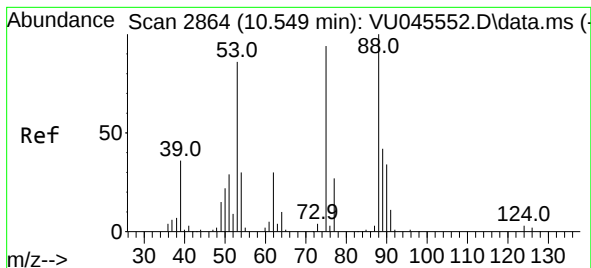
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.591 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

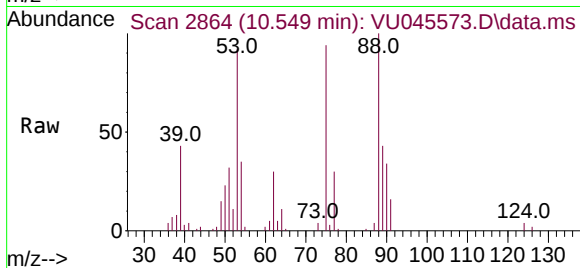
Tgt Ion:105 Resp: 138312
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.778 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

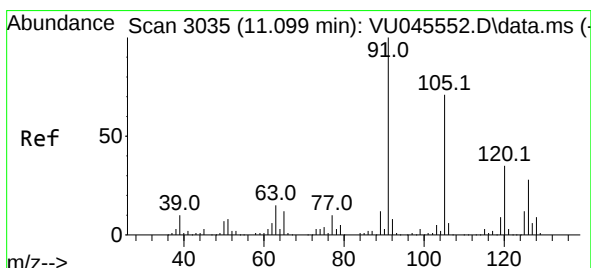
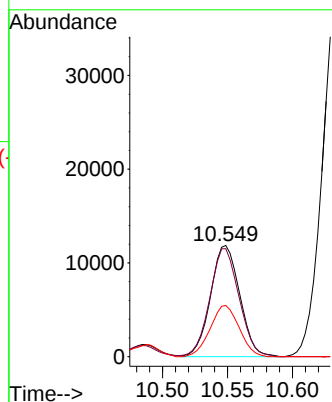
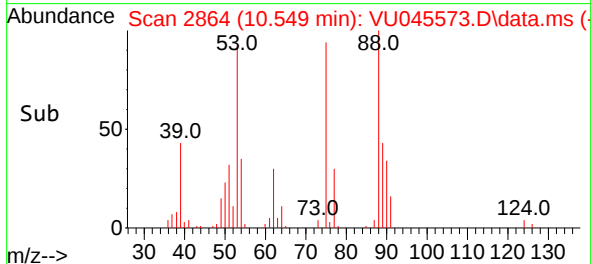
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



Tgt Ion: 75 Resp: 18540
Ion Ratio Lower Upper
75 100
53 97.3 76.2 114.4
89 45.8 34.0 51.0

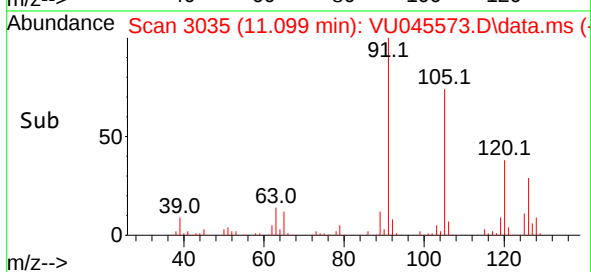
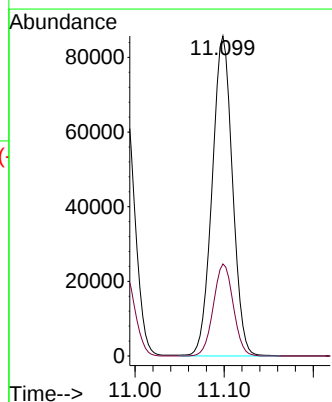
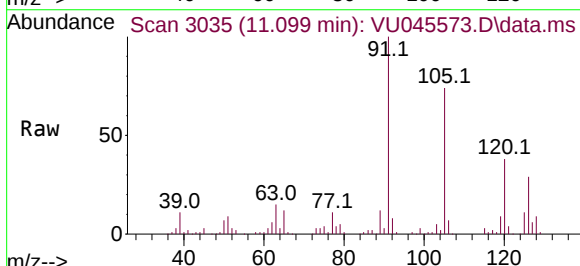
Manual Integrations
APPROVED

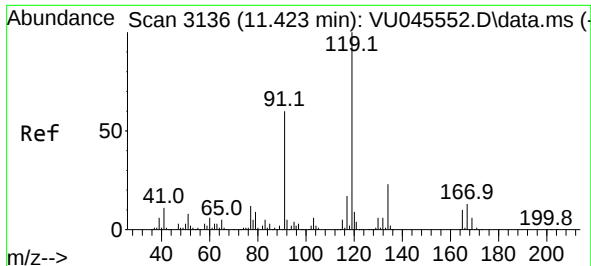
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#82
4-Chlorotoluene
Concen: 21.485 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

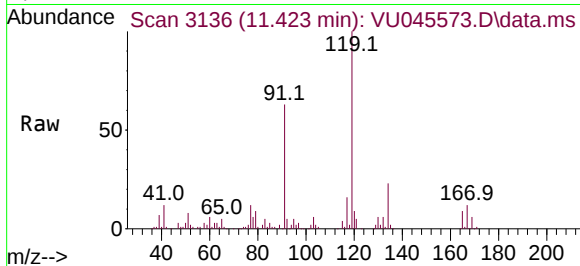
Tgt Ion: 91 Resp: 135843
Ion Ratio Lower Upper
91 100
126 28.1 13.8 41.4





#83
tert-Butylbenzene
Concen: 21.706 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

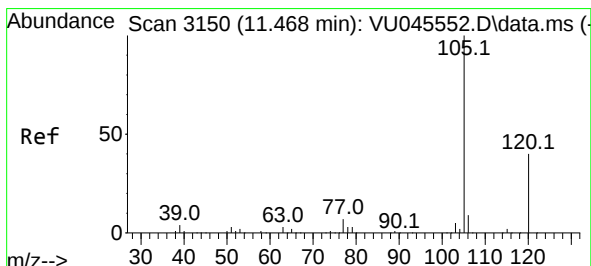
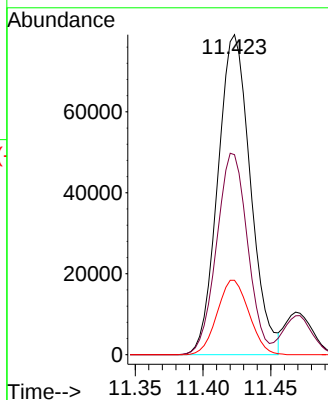
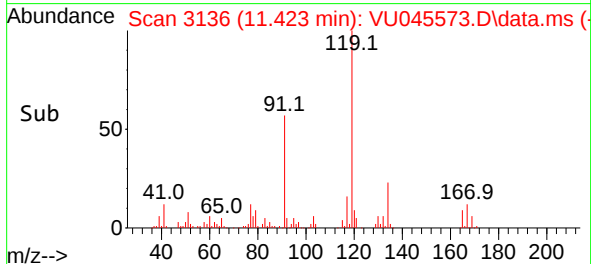
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



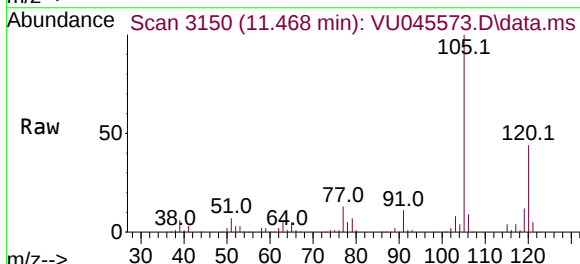
Tgt Ion:119 Resp: 13255
Ion Ratio Lower Upper
119 100
91 59.8 30.5 91.5
134 22.6 11.5 34.5

Manual Integrations
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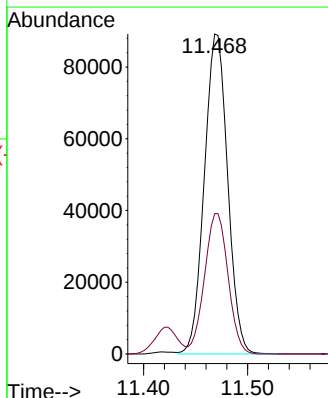
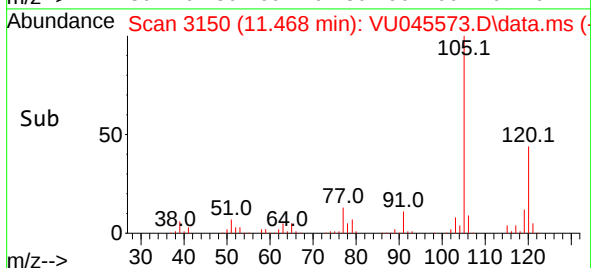
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

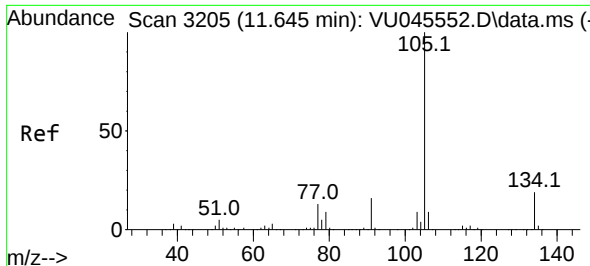


#84
1,2,4-Trimethylbenzene
Concen: 21.793 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47



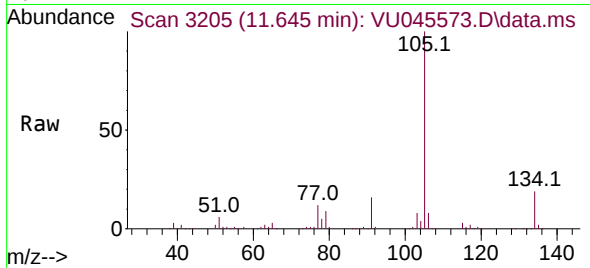
Tgt Ion:105 Resp: 138747
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 21.403 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045573.D
 Acq: 05 Nov 2021 20:47

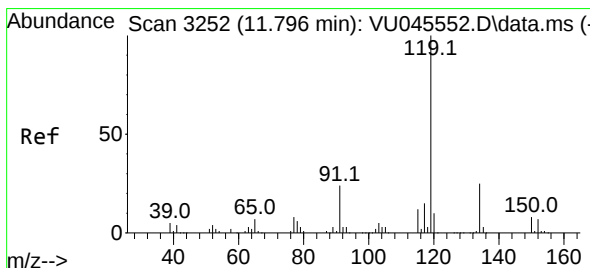
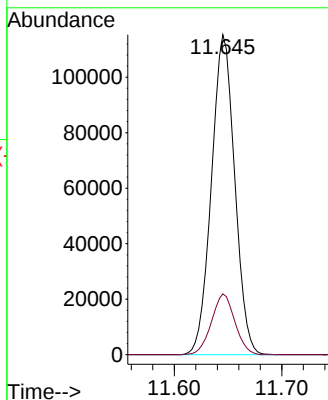
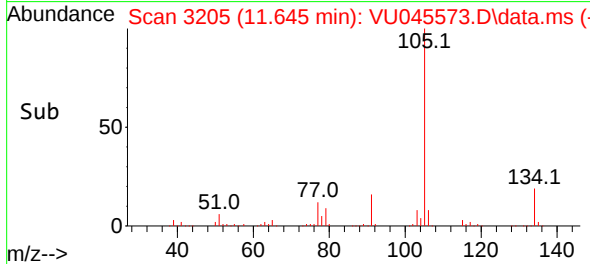
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105MBS01



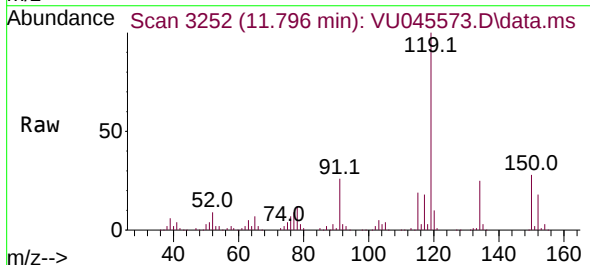
Tgt Ion:105 Resp: 173336
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

Manual Integrations
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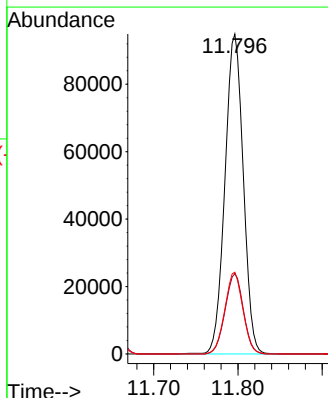
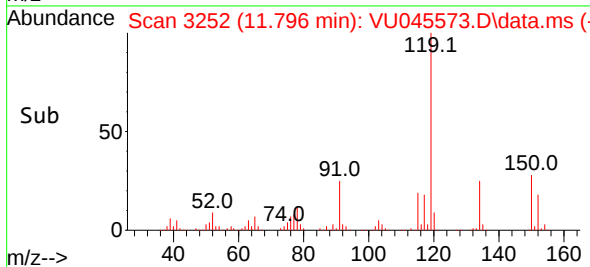
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

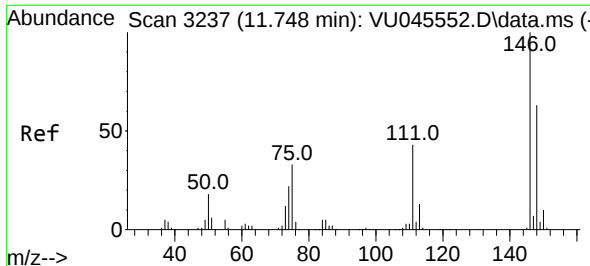


#86
 p-Isopropyltoluene
 Concen: 21.095 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045573.D
 Acq: 05 Nov 2021 20:47



Tgt Ion:119 Resp: 142764
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.1
 91 25.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.498 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

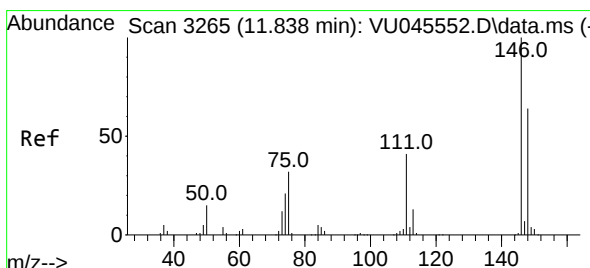
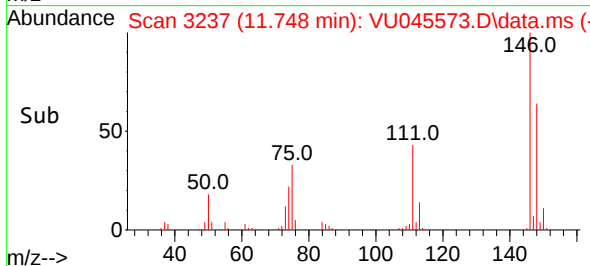
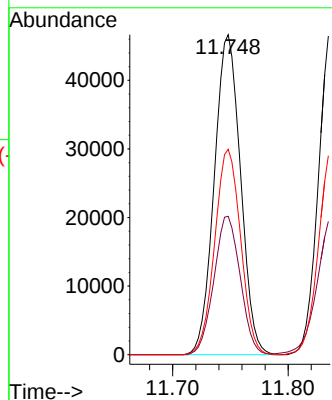
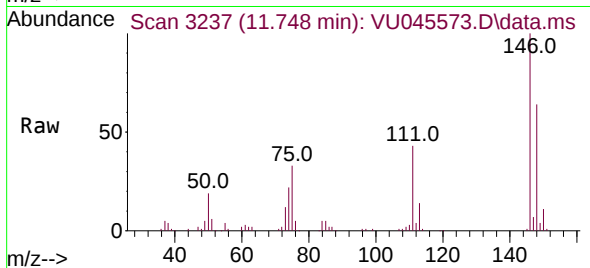
Tgt Ion:146 Resp: 7362
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.3 63.9
 148 63.4 31.7 95.1

Manual Integrations

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Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#88

1,4-Dichlorobenzene

Concen: 20.890 ug/l

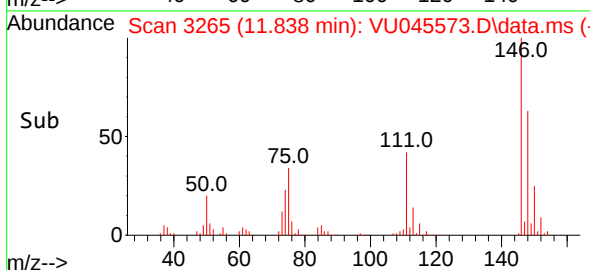
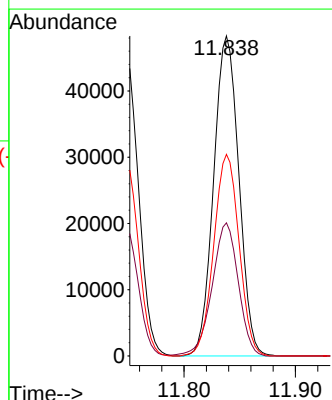
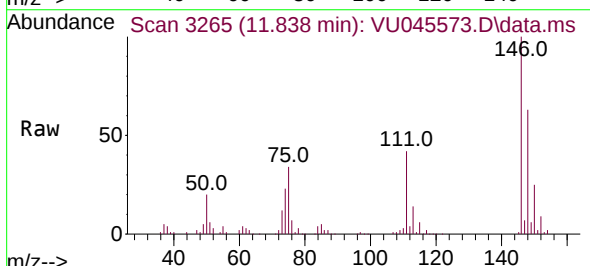
RT: 11.838 min Scan# 3265

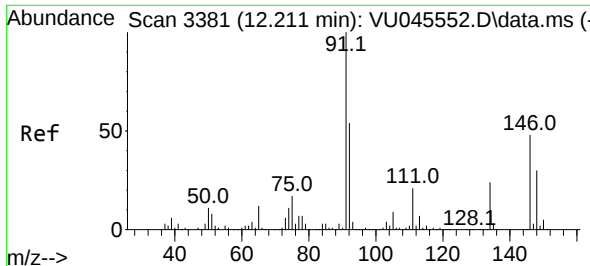
Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Tgt Ion:146 Resp: 75886
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.6 61.9
 148 63.4 31.9 95.7





#89

n-Butylbenzene

Concen: 20.334 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

Tgt Ion: 91 Resp: 13256

Ion Ratio Lower Upper

91 100

92 53.4 27.1 81.2

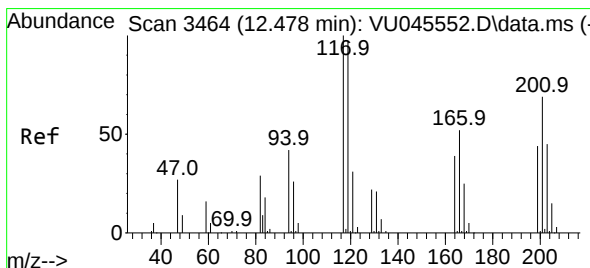
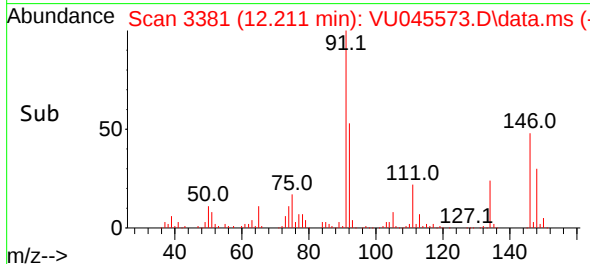
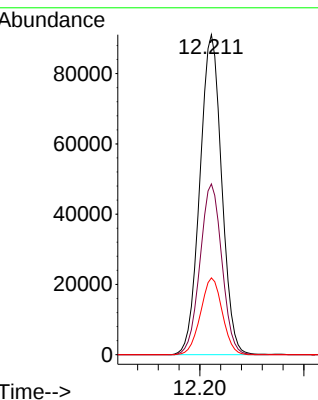
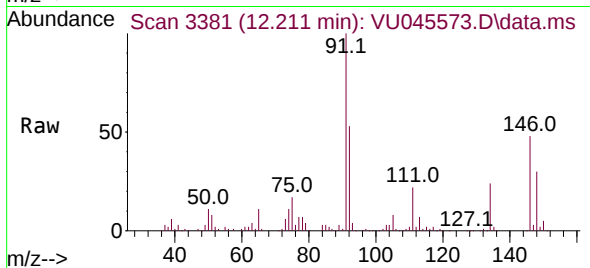
134 23.9 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#90

Hexachloroethane

Concen: 20.500 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.000 min

Lab File: VU045573.D

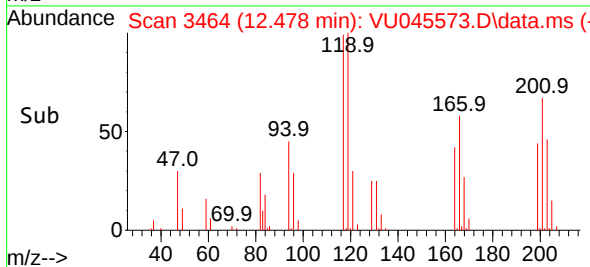
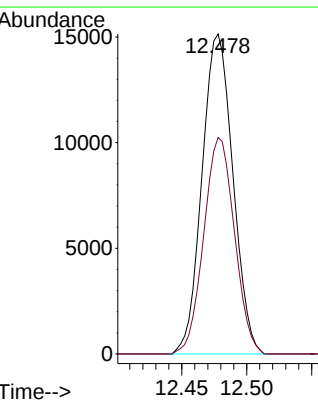
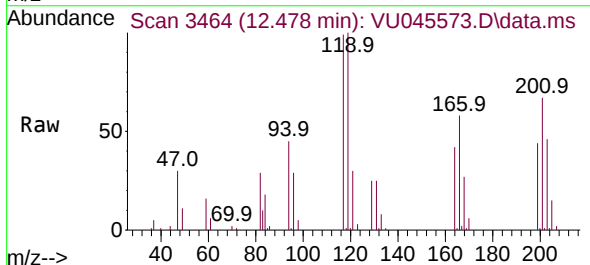
Acq: 05 Nov 2021 20:47

Tgt Ion:117 Resp: 25028

Ion Ratio Lower Upper

117 100

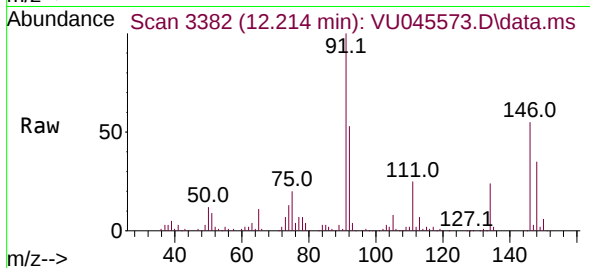
201 67.2 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 21.132 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

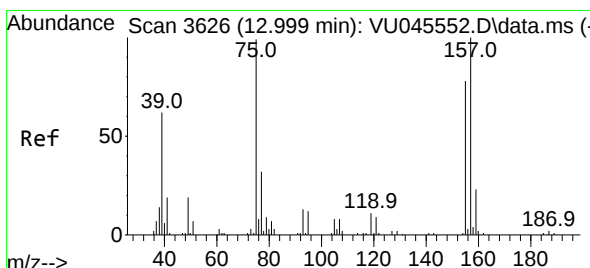
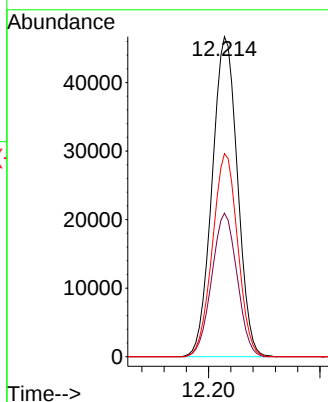
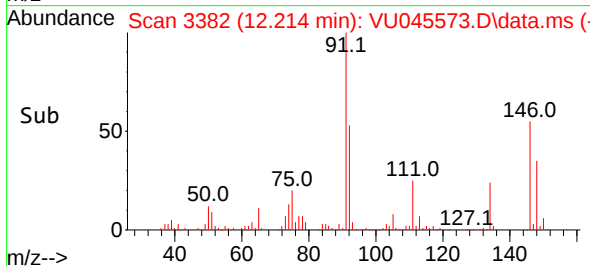
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



Tgt Ion:146 Resp: 7384
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.5
148 63.2 32.1 96.3

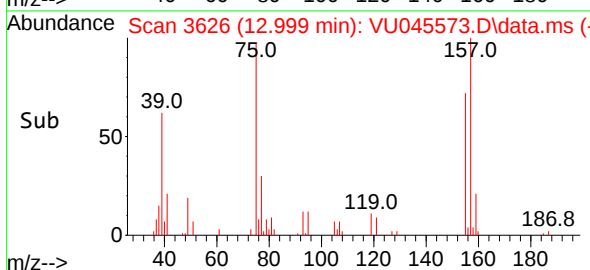
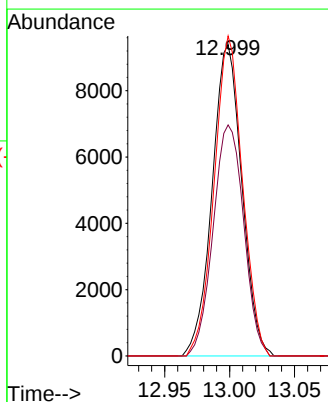
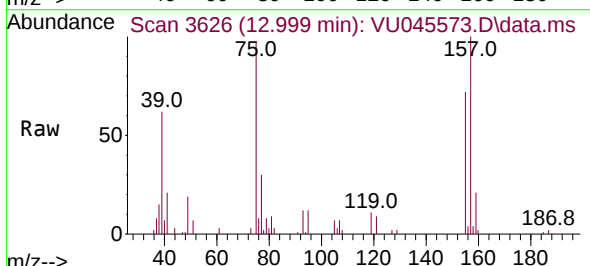
Manual Integrations
APPROVED

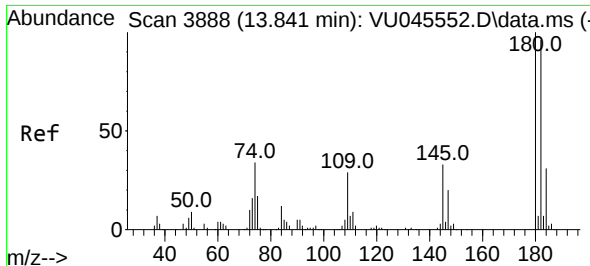
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.789 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

Tgt Ion: 75 Resp: 14935
Ion Ratio Lower Upper
75 100
155 76.2 37.8 113.3
157 97.9 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 20.153 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

Instrument :

MSVOA_U

ClientSampleId :

VU1105MBS01

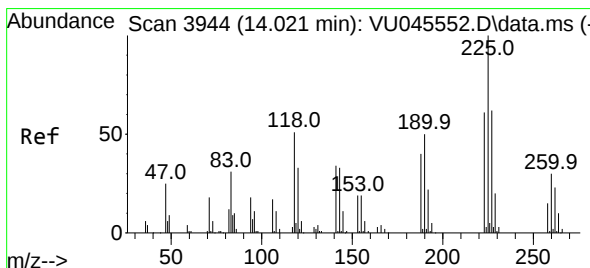
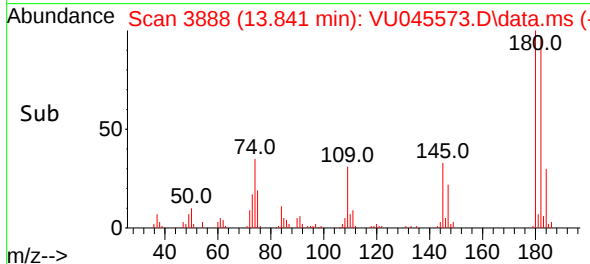
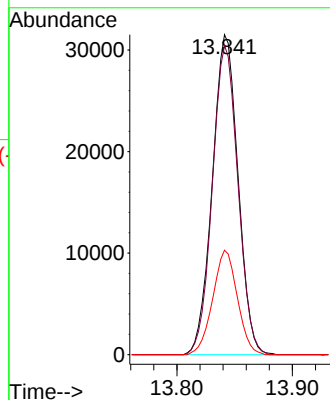
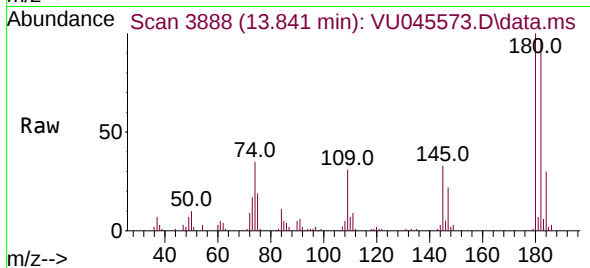
Tgt Ion:180	Resp: 48694
Ion Ratio	Lower Upper
180 100	
182 96.0	47.0 141.2
145 31.3	15.6 46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/10/2021



#94

Hexachlorobutadiene

Concen: 19.280 ug/l

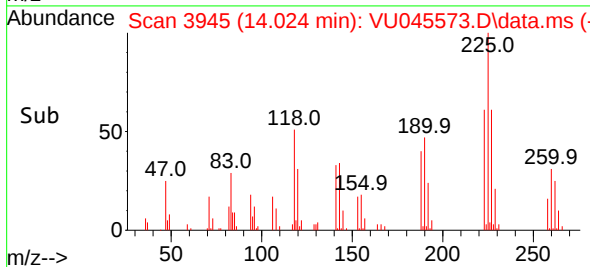
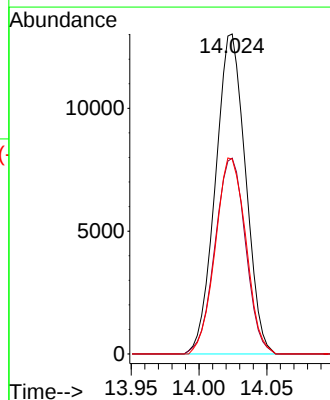
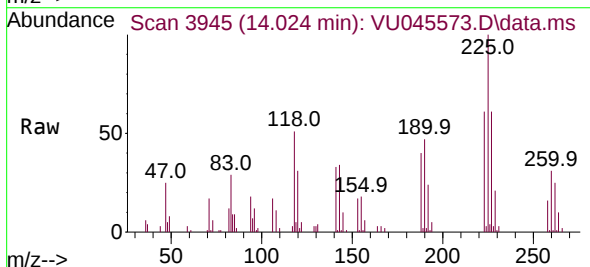
RT: 14.024 min Scan# 3945

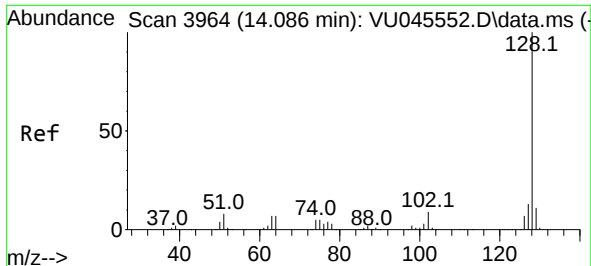
Delta R.T. 0.003 min

Lab File: VU045573.D

Acq: 05 Nov 2021 20:47

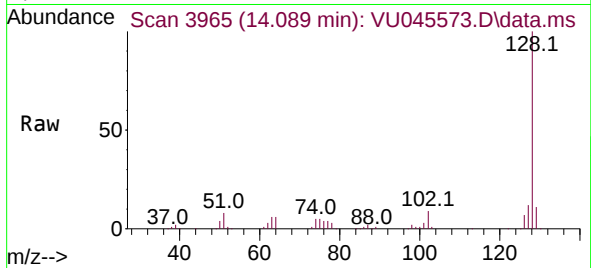
Tgt Ion:225	Resp: 20108
Ion Ratio	Lower Upper
225 100	
223 62.0	32.0 96.2
227 62.3	31.1 93.5





#95
Naphthalene
Concen: 20.521 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47

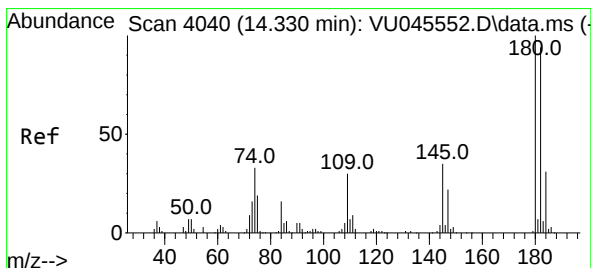
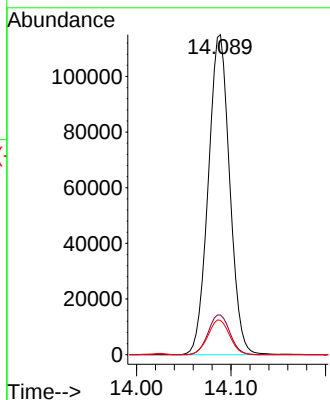
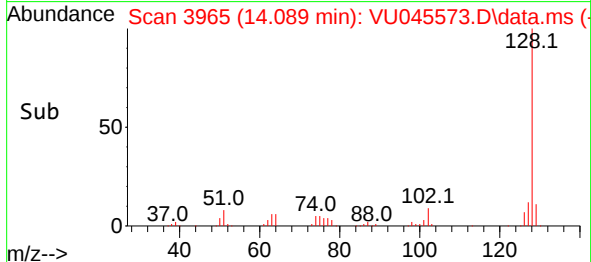
Instrument :
MSVOA_U
ClientSampleId :
VU1105MBS01



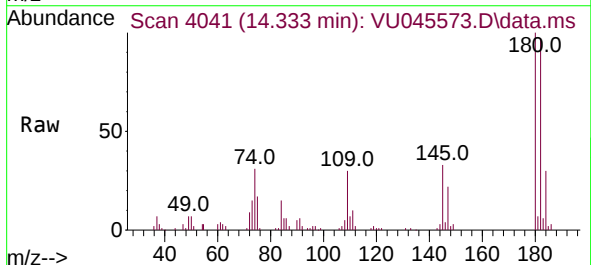
Tgt Ion:128 Resp: 180780
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021



#96
1,2,3-Trichlorobenzene
Concen: 21.141 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045573.D
Acq: 05 Nov 2021 20:47



Tgt Ion:180 Resp: 50737
Ion Ratio Lower Upper
180 100
182 96.0 47.7 143.1
145 33.5 16.7 50.0

